ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U		GROSS CPS	COS CPS	UAIR CPS
1	0000	-837	37.9804	81.9996		PPK	0.9	1.4	4.3 -	1.58	0.33	-	1262.	41.	9.
2	0000	-837	37.9804	81.9992		PPK	0.9	1.4	4.3 -	1.58	0.33	-	1262.	41.	9.
3	0000	-837	37.9804	81.9988		PPK	0.9	1.4	4.3 -	1.58	0.33	-	1262.	41.	9.
4	0000	-843	37.9804	81.9984		PPK	0.9	1.4	4.3 -	1.58	0.32	-	1262.	41.	9.
5	0000	-847	37.9804	81.9980		PPK	0.9	1.4	4.7	1.62	0.31		1300.	42.	9.
6	0000	-838	37.9804	81.9976		PPK	1.0	1.5	5.2	1.49	0.29		1379.	43.	7.
7	0000	-836	37.9804	81.9972		PPK	1.2	1.7	5.2	1.43	0.32		1468.	45.	7.
8	0000	-845	37.9804	81.9967		PPK	1.2	2.0	5.6	1.58	0.35		1572.	44.	7.
9	0000	-847	37.9804	81.9963		PPK	1.3	2.0	6.1	1.55	0.33		1674.	47.	6.
10	0000	-848	37.9804	81.9959		PPK	1.4 +	2.1	7.0	1.45	0.30		1789.	47.	7.
11	1000	-848	37.9804	81.9955		PPK	1.6 +	2.3 +	7.8 +	1.46	0.30		1922.	47.	8.
12	1000	-847	37.9804	81.9950		PPK	1.7 +	2.5 +	8.2 +	1.55	0.31		1996.	46.	8.
13	1000	-852	37.9804	81.9946		PPK	1.7 +	2.6 +	8.4 +	1.57	0.31		2015.	47.	9.
14	1000	-853	37.9804	81.9943		PPK	1.6 +	2.5 +	9.1 ++	1.63	0.28		2019.	45.	9.
15	0000	-848	37.9804	81.9938		PPK	1.5 +	2.4 +	8.9 +	1.60	0.27		1969.	46.	9.
16	0000	-847	37.9804	81.9934		PPK	1.4	2.6 +	8.6 +	1.85	0.30		1881.	43.	8.
17	0000	-849	37.9804	81.9929		PPK	1.3	2.5 +	7.8 +	1.92	0.32		1791.	43.	8.
18	0000	-856	37.9804	81.9925		PPK	1.2	2.3 +	6.9	1.94 +	0.34		1664.	43.	8.
19	0000	-859	37.9804	81.9921		PPK	1.1	2.0	6.1	1.74	0.32		1559.	44.	8.
20	0000	-850	37.9804	81.9917		PPK	1.0	1.7	5.6	1.66	0.31		1462.	43.	8.
21	0000	-850	37.9804	81.9912		PPK	1.0	1.7	5.1	1.72	0.34		1421.	43.	8.
22	0000	-858	37.9804	81.9908		PPK	1.0	1.7	5.3	1.67	0.32		1437.	44.	8.
23	0000	-856	37.9805	81.9905		PPK	1.1	1.6	5.9	1.38	0.26		1497.	42.	8.
24	0000	-859	37.9805	81.9901		PPK	1.2	1.5	6.4	1.29	0.24		1559.	44.	9.
25	0000	-866	37.9805	81.9896		PPK	1.2	1.5	6.9	1.19	0.21		1648.	44.	10.
26	0000	-864	37.9805	81.9892		PPK	1.4	1.6	7.9 +	1.16	0.20		1771.	43.	10.
27	0000	-858	37.9805	81.9888		PPK	1.5 +	1.5	8.8 +	0.95 -	0.15 -		1934.	43.	11.
28	0000	-860	37.9805	81.9884		PPK	1.7 +	1.7	9.9 ++	0.99 -	0.17 -		2070.	44.	11.
29	0000	-867	37.9805	81.9879		PPK	1.8 +	1.8	9.9 ++	1.04	0.19 -		2192.	42.	13.
30	0000	-868	37.9805	81.9875		PPK	1.9 ++	1.8	9.4 ++	0.99 -	0.20		2264.	44.	15.
31	0000	-868	37.9805	81.9870		PPK	1.9 ++	1.8	9.6 ++	0.96 -	0.19		2287.	43.	16.
32	0000	-875	37.9805	81.9867		PPK	1.9 ++	1.7	9.0 ++	0.89 -	0.19 -		2260.	45.	16.
33	0000	-875	37.9805	81.9863		PPK	1.9 ++	1.8	8.4 +	0.95 -	0.21		2205.	46.	15.
34	0000	-869	37.9805	81.9859		PPK	1.8 +	2.2 +	7.8 +	1.26	0.29		2123.	46.	14.
35	0000	-872	37.9805	81.9854		PPK	1.7 +	2.0	6.9	1.18	0.28		2002.	46.	13.
36	0000	-874	37.9805	81.9850		PPK	1.5 +	2.0	6.6	1.29	0.30		1864.	46.	11.
37	0000	-872	37.9805	81.9846		PPK	1.4	2.1	6.4	1.50	0.33		1761.	47.	8.
38	0000	-870	37.9806	81.9842		PPK	1.3	2.4 +	5.7	1.85	0.42 +		1673.	46.	6.
39	0000	-871	37.9806	81.9837		PPK	1.2	2.5 +	5.4	2.11 +	0.46 ++		1595.	43.	4.
40	0000	-877	37.9806	81.9834		PPK	1.1	2.5 +	5.1	2.33 +	0.50 ++		1529.	43.	3.
41	0000	-880	37.9806	81.9829		PPK	1.0	2.4 +	5.1	2.41 +	0.48 ++		1474.	43.	3.
42	0000	-877	37.9806	81.9825		PPK	1.0	2.5 +	4.9	2.58 +	0.51 ++		1439.	42.	2.
43	0000	-874	37.9806	81.9821		PPK	1.0	2.4 +	4.7	2.44 +	0.51 ++		1405.	44.	3.
44	0000	-876	37.9806	81.9817		PPK	1.0	2.3 +	4.7	2.35 +	0.49 ++		1389.	43.	3.
45	0000	-883	37.9806	81.9812		PPK	1.0	2.1	4.7	2.10 +	0.45 ++		1401.	46.	4.
46	0000	-883	37.9806	81.9808		PPK	1.0	1.9	5.0	1.89	0.38 +		1420.	47.	6.
47	0000	-881	37.9806	81.9804		PPK	1.1	1.7	5.3	1.58	0.32		1450.	46.	7.
48	0000	-887	37.9806	81.9799		PPK	1.1	1.6	4.9	1.40	0.32		1486.	48.	10.
49	0000	-884	37.9806	81.9796		PPK	1.2	1.4	5.3	1.16	0.26		1551.	48.	12.
50	0000	-878	37.9806	81.9792		PPK	1.2	1.3	5.8	1.10	0.23		1614.	47.	13.
51	0000	-885	37.9806	81.9787		PPK	1.2	1.4	5.9	1.18	0.24		1663.	47.	14.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-885	37.9806	81.9783		PPK	1.2	1.5	6.3	1.24	0.23	5.38	1656.	47.	14.
53	0000	-881	37.9806	81.9779		PPK	1.2	1.6	6.2	1.34	0.25	5.32	1651.	45.	15.
54	0000	-888	37.9806	81.9775		PPK	1.1	1.5	6.4	1.27	0.23	5.51	1628.	46.	15.
55	0000	-888	37.9806	81.9771		PPK	1.1	1.4	6.4	1.31	0.22	5.81	1576.	43.	14.
56	0000	-885	37.9806	81.9766		PPK	1.0	1.4	5.9	1.37	0.24	5.82	1500.	44.	13.
57	0000	-888	37.9806	81.9763		PPK	1.0	1.4	5.6	1.44	0.25	5.77	1428.	45.	12.
58	0000	-886	37.9806	81.9758		PPK	0.9	1.3	5.5	1.39	0.24	5.78	1361.	44.	11.
59	0000	-883	37.9807	81.9754		PPK	0.9	1.4	5.2	1.51	0.27	5.67	1333.	44.	9.
60	0000	-889	37.9807	81.9750		PPK	0.9	1.4	5.5	1.45	0.25	5.81	1324.	44.	7.
61	0000	-894	37.9807	81.9745		PPK	0.9	1.6	5.0	1.76	0.33	5.32	1327.	45.	7.
62	0000	-893	37.9807	81.9742		PPK	0.9	1.7	5.0	1.84	0.34	5.35	1343.	47.	6.
63	0000	-893	37.9807	81.9737		PPK	0.9	2.0	4.9	2.07 +	0.40 +	5.17	1355.	47.	5.
64	0000	-893	37.9807	81.9733		PPK	1.0	2.1	4.9	2.16 +	0.42 +	5.14	1365.	46.	5.
65	0000	-894	37.9807	81.9728		PPK	1.0	2.1	4.9	2.19 +	0.43 +	5.13	1359.	46.	4.
66	0000	-900	37.9807	81.9725		PPK	1.0	1.9	5.1	1.87	0.37 +	5.09	1355.	46.	4.
67	0000	-902	37.9807	81.9721		PPK	1.0	2.0	4.7	2.06 +	0.43 +	4.81	1353.	47.	5.
68	0000	-904	37.9807	81.9716		PPK	1.0	1.7	5.0	1.67	0.34	4.88	1363.	47.	5.
69	0000	-906	37.9807	81.9712		PPK	1.1	1.8	5.4	1.67	0.33	5.11	1387.	45.	5.
70	0000	-900	37.9807	81.9708		PPK	1.1	1.6	6.0	1.49	0.28	5.43	1429.	45.	6.
71	0000	-904	37.9807	81.9704		PPK	1.2	1.6	6.0	1.37	0.27	4.99	1499.	45.	7.
72	0000	-910	37.9807	81.9699		PPK	1.3	1.5	6.2	1.13	0.24	4.80	1555.	47.	9.
73	0000	-903	37.9807	81.9695		PPK	1.3	1.5	6.0	1.16	0.25	4.61 -	1580.	49.	9.
74	0000	-903	37.9807	81.9691		PPK	1.3	1.4	6.1	1.08	0.23	4.69	1595.	48.	10.
75	0000	-911	37.9807	81.9687		PPK	1.3	1.5	6.0	1.19	0.25	4.70	1597.	47.	11.
76	0000	-908	37.9807	81.9683		PPK	1.2	1.5	5.7	1.20	0.26	4.60 -	1587.	47.	12.
77	0000	-906	37.9807	81.9678		PPK	1.2	1.5	5.0	1.20	0.29	4.13 -	1548.	47.	13.
78	0000	-911	37.9807	81.9674		PPK	1.1	1.4	4.8	1.28	0.30	4.29 -	1476.	47.	14.
79	0000	-912	37.9808	81.9670		PPK	1.0	1.5	4.6 -	1.44	0.32	4.46 -	1421.	46.	14.
80	0000	-909	37.9808	81.9666		PPK	1.0	1.4	4.7	1.41	0.31	4.56 -	1401.	43.	14.
81	0000	-908	37.9808	81.9662		PPK	1.1	1.3	4.6 -	1.25	0.29	4.36 -	1394.	43.	14.
82	0000	-906	37.9808	81.9657		PPK	1.1	1.3	4.7	1.24	0.28	4.41 -	1408.	42.	13.
83	0000	-908	37.9808	81.9653		PPK	1.1	1.2	4.9	1.04	0.24	4.34 -	1432.	44.	13.
84	0000	-918	37.9808	81.9649		PPK	1.2	1.1 -	5.4	0.92 -	0.20	4.69	1485.	43.	12.
85	0000	-924	37.9808	81.9645		PPK	1.3	1.1 -	6.0	0.83 -	0.18 -	4.69	1579.	42.	11.
86	0000	-920	37.9808	81.9641		PPK	1.4	1.3	6.1	0.97 -	0.21	4.52 -	1679.	41.	10.
87	0000	-917	37.9808	81.9637		PPK	1.4	1.4	6.4	1.00	0.22	4.60 -	1739.	45.	10.
88	0000	-917	37.9808	81.9633		PPK	1.5 +	1.3	6.9	0.91 -	0.19	4.70	1774.	46.	10.
89	0000	-918	37.9808	81.9628		PPK	1.4 +	1.4	6.8	0.97 -	0.20	4.73	1765.	46.	10.
90	0000	-920	37.9809	81.9624		PPK	1.4	1.3	7.0	0.92 -	0.18 -	5.02	1714.	45.	10.
91	0000	-919	37.9809	81.9620		PPK	1.3	1.4	6.5	1.11	0.22	4.96	1642.	43.	9.
92	0000	-921	37.9809	81.9616		PPK	1.2	1.3	6.1	1.08	0.22	5.05	1528.	42.	9.
93	0000	-924	37.9809	81.9611		PPK	1.1	1.0 -	6.0	0.92 -	0.17 -	5.45	1413.	43.	9.
94	0000	-923	37.9809	81.9607		PPK	1.0	1.0 -	5.8	0.97 -	0.17 -	5.64	1348.	42.	9.
95	0000	-927	37.9809	81.9603		PPK	0.9	1.2	5.5	1.23	0.21	5.75	1304.	41.	8.
96	0000	-934	37.9809	81.9599		PPK	1.0	1.2	5.5	1.21	0.21	5.69	1302.	44.	8.
97	0000	-931	37.9809	81.9595		PPK	1.0	1.6	5.4	1.70	0.30	5.61	1349.	46.	6.
98	0000	-930	37.9809	81.9591		PPK	1.0	1.7	5.9	1.66	0.28	5.85	1422.	47.	6.
99	0000	-933	37.9809	81.9586		PPK	1.1	1.8	6.0	1.67	0.30	5.51	1523.	49.	6.
100	0000	-929	37.9809	81.9582		PPK	1.1	2.1	6.5	1.87	0.33	5.68	1643.	48.	6.
101	0000	-930	37.9809	81.9578		PPK	1.3	2.2 +	7.0	1.76	0.32	5.52	1768.	47.	6.
102	0000	-941	37.9809	81.9574		PPK	1.3	2.2 +	7.4	1.70	0.30	5.61	1850.	46.	7.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-942	37.9809	81.9569		PPK	1.3	2.4 +	7.3	1.81	0.32	5.57	1872.	47.	7.
104	0000	-936	37.9809	81.9566		PPK	1.3	2.3 +	7.5	1.68	0.30	5.61	1900.	43.	9.
105	0000	-934	37.9809	81.9562		PPK	1.3	2.4 +	7.5	1.80	0.32	5.61	1884.	45.	9.
106	0000	-934	37.9809	81.9557		PPK	1.3	2.3 +	7.7 +	1.76	0.30	5.86	1839.	46.	10.
107	0000	-939	37.9809	81.9553		PPK	1.3	2.2 +	7.6 +	1.67	0.29	5.70	1786.	47.	9.
108	0000	-941	37.9809	81.9548		PPK	1.3	2.1	7.1	1.64	0.29	5.57	1693.	46.	10.
109	0000	-931	37.9809	81.9545		PPK	1.2	2.0	6.7	1.63	0.29	5.58	1624.	47.	10.
110	0000	-924	37.9809	81.9540		PPK	1.2	1.8	6.7	1.52	0.27	5.71	1610.	46.	9.
111	0000	-933	37.9809	81.9536		PPK	1.2	1.7	6.2	1.47	0.28	5.24	1567.	49.	9.
112	0000	-940	37.9809	81.9532		PPK	1.2	1.6	6.0	1.28	0.27	4.82	1559.	49.	10.
113	0000	-938	37.9809	81.9529		PPK	1.2	1.5	6.4	1.26	0.24	5.26	1570.	48.	9.
114	0000	-937	37.9809	81.9524		PPK	1.2	1.4	6.1	1.10	0.22	4.91	1565.	48.	10.
115	0000	-938	37.9809	81.9520		PPK	1.2	1.5	6.2	1.29	0.25	5.18	1565.	51.	10.
116	0000	-942	37.9810	81.9515		PPK	1.3	1.6	6.2	1.24	0.25	4.94	1583.	49.	9.
117	0000	-949	37.9810	81.9512		PPK	1.3	1.5	6.2	1.19	0.25	4.83	1572.	47.	9.
118	0000	-946	37.9810	81.9507		PPK	1.2	1.3	6.6	1.04	0.19	5.37	1549.	46.	9.
119	0000	-946	37.9810	81.9503		PPK	1.2	1.3	6.6	1.14	0.20	5.70	1525.	44.	8.
120	0000	-955	37.9810	81.9498		PPK	1.1	1.3	6.2	1.17	0.21	5.47	1489.	45.	7.
121	0000	-953	37.9810	81.9494		PPK	1.1	1.5	6.0	1.39	0.24	5.71	1473.	46.	7.
122	0000	-947	37.9810	81.9491		PPK	1.0	1.5	5.9	1.48	0.26	5.74	1463.	46.	6.
123	0000	-952	37.9810	81.9486		PPK	1.0	1.5	5.9	1.62	0.26	6.19	1434.	46.	5.
124	0000	-954	37.9810	81.9482		PPK	0.9	1.5	5.7	1.58	0.26	6.14	1407.	49.	5.
125	0000	-953	37.9810	81.9478		PPK	0.9	1.6	5.5	1.75	0.30	5.85	1386.	49.	5.
126	0000	-954	37.9810	81.9474		PPK	0.9	1.6	5.4	1.70	0.29	5.93	1358.	50.	4.
127	0000	-953	37.9810	81.9469		PPK	0.9	1.7	5.2	1.91	0.33	5.80	1353.	46.	5.
128	0000	-953	37.9810	81.9465		PPK	0.9	1.7	5.5	1.90	0.32	5.94	1349.	46.	5.
129	0000	-957	37.9810	81.9461		PPK	1.0	1.6	5.8	1.64	0.27	6.07	1366.	44.	6.
130	0000	-958	37.9810	81.9457		PPK	1.0	1.3	6.0	1.30	0.22	6.04	1391.	45.	8.
131	0000	-959	37.9810	81.9453		PPK	1.0	1.5	6.6	1.47	0.22	6.52 *	1448.	44.	8.
132	0000	-958	37.9810	81.9449		PPK	1.0	1.4	6.9	1.32	0.20	6.65 +	1500.	43.	10.
133	0000	-957	37.9810	81.9444		PPK	1.1	1.3	7.3	1.21	0.18 -	6.70 +	1585.	42.	13.
134	0000	-960	37.9810	81.9440		PPK	1.1	1.0 -	8.0 +	0.93 -	0.13 -	7.20 ++	1683.	44.	15.
135	0000	-958	37.9810	81.9436		PPK	1.2	1.0 -	8.5 +	0.80 -	0.11 -	7.18 ++	1790.	44.	17.
136	0000	-958	37.9810	81.9432		PPK	1.2	1.3	8.2 +	1.06	0.16 -	6.67 +	1871.	43.	18.
137	0000	-966	37.9811	81.9427		PPK	1.3	1.6	8.4 +	1.23	0.19	6.45 +	1933.	42.	18.
138	0000	-970	37.9811	81.9423		PPK	1.3	1.5	8.5 +	1.14	0.18 -	6.39 +	1941.	42.	19.
139	0000	-967	37.9811	81.9420		PPK	1.4	1.4	8.8 +	1.03	0.17 -	6.25 +	1961.	41.	18.
140	0000	-965	37.9811	81.9415		PPK	1.4 +	1.6	9.0 +	1.14	0.18 -	6.27 +	1969.	44.	17.
141	0000	-968	37.9811	81.9411		PPK	1.5 +	1.9	8.5 +	1.25	0.22	5.76	1940.	44.	16.
142	0000	-973	37.9811	81.9407		PPK	1.5 +	2.0	8.1 +	1.37	0.25	5.45	1918.	44.	15.
143	0000	-972	37.9811	81.9403		PPK	1.5 +	1.8	8.7 +	1.20	0.21	5.77	1934.	43.	14.
144	0000	-970	37.9811	81.9398		PPK	1.5 +	2.0	8.5 +	1.34	0.24	5.66	1965.	43.	13.
145	0000	-971	37.9811	81.9394		PPK	1.6 +	2.3 +	8.3 +	1.49	0.28	5.28	2032.	45.	12.
146	0000	-972	37.9811	81.9390		PPK	1.7 +	2.7 +	8.4 +	1.60	0.32	4.99	2124.	45.	11.
147	0000	-971	37.9811	81.9386		PPK	1.7 +	3.0 +	8.6 +	1.73	0.35	4.99	2174.	43.	9.
148	0000	-971	37.9811	81.9382		PPK	1.7 +	3.3 ++	8.6 +	1.87	0.38 +	4.97	2217.	43.	7.
149	0000	-969	37.9812	81.9377		PPK	1.7 +	3.3 ++	8.5 +	1.93 +	0.39 +	5.01	2202.	43.	6.
150	0000	-971	37.9812	81.9373		PPK	1.7 +	3.4 ++	8.1 +	2.02 +	0.42 +	4.77	2146.	44.	5.
151	0000	-977	37.9812	81.9369		PPK	1.7 +	3.3 ++	7.8 +	1.96 +	0.42 +	4.67 -	2086.	44.	4.
152	0000	-976	37.9812	81.9365		PPK	1.6 +	3.2 ++	7.7 +	1.99 +	0.41 +	4.88	2031.	43.	3.
153	0000	-971	37.9812	81.9361		PPK	1.5 +	3.1 ++	7.3	2.14 +	0.42 +	5.06	1946.	42.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-974	37.9812	81.9356	PPK	1.4	3.0 +	6.6	2.14 +	0.45 ++	4.73	1870.	44.	3.
155	0000	-977	37.9812	81.9352	PPK	1.3	2.8 +	6.4	2.14 +	0.44 ++	4.81	1807.	46.	4.
156	0000	-975	37.9812	81.9348	PPK	1.3	2.5 +	6.7	1.90	0.37 +	5.13	1758.	44.	4.
157	0000	-972	37.9812	81.9344	PPK	1.3	2.3 +	6.8	1.86	0.34	5.41	1729.	45.	5.
158	0000	-974	37.9812	81.9340	PPK	1.2	2.2 +	6.8	1.84	0.33	5.65	1686.	46.	6.
159	0000	-975	37.9812	81.9335	PPK	1.2	2.0	6.5	1.73	0.31	5.64	1632.	48.	7.
160	0000	-973	37.9812	81.9332	PPK	1.1	1.9	6.4	1.79	0.30	5.95	1570.	52.	9.
161	0000	-977	37.9812	81.9327	PPK	1.0	1.7	6.3	1.70	0.27	6.25 +	1517.	51.	9.
162	0000	-980	37.9812	81.9323	PPK	1.0	1.6	6.2	1.51	0.25	6.01	1476.	51.	11.
163	0000	-979	37.9812	81.9319	PPK	1.0	1.5	5.6	1.59	0.27	5.79	1442.	51.	12.
164	0000	-978	37.9812	81.9314	PPK	1.0	1.4	5.5	1.47	0.26	5.70	1392.	49.	12.
165	0000	-978	37.9812	81.9310	PPK	1.0	1.4	5.2	1.42	0.26	5.47	1351.	48.	13.
166	0000	-982	37.9812	81.9306	PPK	0.9	1.2	5.4	1.31	0.22	5.83	1333.	47.	13.
167	0000	-985	37.9812	81.9302	PPK	0.9	1.1	5.0	1.22	0.22	5.44	1311.	46.	13.
168	0000	-982	37.9812	81.9298	PPK	1.0	1.0 -	5.0	1.03	0.20	5.24	1302.	45.	13.
169	0000	-981	37.9812	81.9294	PPK	0.9	1.0 -	5.1	1.13	0.21	5.50	1277.	47.	13.
170	0000	-982	37.9812	81.9290	PPK	0.9	1.0 -	5.3	1.10	0.19	5.66	1278.	48.	12.
171	0000	-983	37.9812	81.9285	PPK	0.9	1.0 -	5.5	1.07	0.18 -	6.01	1280.	48.	11.
172	0000	-984	37.9812	81.9281	PPK	0.9	1.0 -	5.8	1.17	0.18 -	6.46 +	1296.	47.	10.
173	0000	-982	37.9812	81.9277	PPK	0.9	1.3	5.7	1.39	0.22	6.33 +	1308.	47.	9.
174	0000	-983	37.9812	81.9273	PPK	1.0	1.3	6.0	1.37	0.22	6.28 +	1342.	45.	9.
175	0000	-988	37.9812	81.9268	PPK	1.0	1.6	6.1	1.71	0.27	6.39 +	1394.	45.	8.
176	0000	-990	37.9812	81.9264	PPK	1.0	1.6	5.9	1.61	0.28	5.84	1462.	43.	7.
177	0000	-986	37.9812	81.9261	PPK	1.1	1.6	6.0	1.46	0.27	5.45	1524.	45.	7.
178	0000	-990	37.9812	81.9256	PPK	1.2	2.0	5.9	1.68	0.34	5.02	1606.	46.	6.
179	0000	-996	37.9813	81.9252	PPK	1.3	2.1	6.1	1.68	0.35 +	4.75	1688.	45.	5.
180	0000	-995	37.9813	81.9247	PPK	1.3	2.2 +	6.2	1.66	0.36 +	4.58 -	1760.	43.	5.
181	0000	-992	37.9813	81.9243	PPK	1.3	2.4 +	6.2	1.82	0.39 +	4.71	1800.	46.	4.
182	0000	-993	37.9813	81.9239	PPK	1.4	2.3 +	6.9	1.61	0.33	4.95	1838.	47.	5.
183	0000	-995	37.9813	81.9235	PPK	1.4	2.4 +	7.7 +	1.67	0.31	5.44	1875.	47.	5.
184	0000	-995	37.9813	81.9230	PPK	1.5 +	2.4 +	8.0 +	1.63	0.30	5.52	1921.	47.	6.
185	0000	-994	37.9814	81.9226	PPK	1.6 +	2.0	8.4 +	1.28	0.24	5.35	1991.	47.	7.
186	0000	-998	37.9814	81.9223	PPK	1.5 +	2.3 +	8.7 +	1.48	0.26	5.62	2042.	47.	8.
187	0000	-1001	37.9814	81.9219	PPK	1.6 +	2.0	8.8 +	1.22	0.22	5.41	2066.	48.	10.
188	0000	-998	37.9814	81.9214	PPK	1.7 +	1.7	8.9 +	0.98 -	0.19 -	5.23	2089.	47.	12.
189	0000	-1001	37.9814	81.9210	PPK	1.6 +	1.7	8.0 +	1.02	0.21	4.88	2100.	46.	13.
190	0000	-1004	37.9814	81.9206	PPK	1.6 +	1.4	8.1 +	0.89 -	0.18 -	5.01	2102.	45.	15.
191	0000	-999	37.9814	81.9202	PPK	1.5 +	1.5	7.7 +	0.98 -	0.20	4.99	2073.	43.	17.
192	0000	-999	37.9814	81.9197	PPK	1.5 +	1.5	7.4	1.00 -	0.20	5.06	2027.	45.	18.
193	0000	-1004	37.9814	81.9193	PPK	1.5 +	1.3	7.1	0.88 -	0.18 -	4.92	1978.	44.	19.
194	0000	-1004	37.9814	81.9189	PPK	1.3	1.6	7.2	1.27	0.23	5.61	1940.	44.	20.
195	0000	-1001	37.9814	81.9185	PPK	1.3	1.8	7.7 +	1.39	0.23	6.08	1936.	43.	20.
196	0000	-1003	37.9814	81.9181	PPK	1.3	1.6	8.5 +	1.25	0.19	6.49 +	1940.	43.	20.
197	0000	-1002	37.9814	81.9176	PPK	1.3	1.9	8.4 +	1.44	0.22	6.52 +	1927.	46.	19.
198	0000	-999	37.9814	81.9172	PPK	1.3	1.8	8.3 +	1.41	0.22	6.54 +	1898.	46.	18.
199	0000	-1004	37.9814	81.9168	PPK	1.2	1.8	8.5 +	1.46	0.21	6.98 +	1846.	45.	17.
200	0000	-1009	37.9814	81.9164	PPK	1.2	1.6	8.5 +	1.42	0.19	7.35 ++	1797.	46.	15.
201	0000	-1005	37.9814	81.9159	PPK	1.2	1.4	8.0 +	1.21	0.18 -	6.73 +	1754.	47.	14.
202	0000	-1005	37.9814	81.9155	PPK	1.2	1.4	7.1	1.14	0.19	5.94	1714.	48.	13.
203	0000	-1008	37.9814	81.9152	PPK	1.2	1.3	6.7	1.16	0.20	5.80	1643.	48.	12.
204	0000	-1006	37.9814	81.9148	PPK	1.2	1.2	6.2	1.04	0.20	5.32	1592.	47.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-1005	37.9814	81.9143		PPK	1.1	1.3	5.9	1.20	0.23	5.41	1551.	47.	11.
206	0000	-1007	37.9814	81.9139		PPK	1.0	1.7	5.6	1.71	0.31	5.46	1507.	47.	10.
207	0000	-1010	37.9814	81.9135		PPK	1.0	1.7	5.1	1.75	0.34	5.20	1462.	49.	10.
208	0000	-1010	37.9815	81.9131		PPK	1.0	1.6	5.1	1.49	0.31	4.87	1434.	50.	10.
209	0000	-1011	37.9815	81.9126		PPK	0.9	1.7	5.2	1.85	0.33	5.56	1393.	49.	10.
210	0000	-1015	37.9815	81.9122		PPK	0.9	1.7	5.1	1.96 +	0.34	5.69	1357.	50.	9.
211	0000	-1014	37.9815	81.9117		PPK	0.9	1.7	5.0	1.99 +	0.34	5.81	1328.	49.	10.
212	0000	-1014	37.9815	81.9114		PPK	0.8	1.5	5.2	1.75	0.28	6.16	1309.	48.	11.
213	0000	-1017	37.9815	81.9110		PPK	0.9	1.1	4.8	1.26	0.23	5.43	1279.	51.	12.
214	0000	-1014	37.9815	81.9106		PPK	0.9	1.0 -	5.3	1.16	0.19	5.99	1277.	49.	12.
215	0000	-1014	37.9815	81.9101		PPK	0.8 -	1.2	5.2	1.63	0.24	6.79 +	1265.	47.	12.
216	0000	-1016	37.9815	81.9097		PPK	0.8 -	1.0 -	5.4	1.35	0.19	7.02 +	1262.	47.	12.
217	0000	-1016	37.9815	81.9093		PPK	0.8 -	1.1	5.4	1.38	0.20	6.79 +	1256.	47.	11.
218	0000	-1017	37.9815	81.9089		PPK	0.8 -	1.1	5.1	1.35	0.21	6.44 +	1243.	47.	11.
219	0000	-1016	37.9815	81.9084		PPK	0.8 -	1.2	4.8	1.45	0.25	5.78	1230.	52.	10.
220	0000	-1013	37.9815	81.9081		PPK	0.8 -	1.2	5.1	1.48	0.24	6.23 +	1240.	47.	8.
221	0000	-1016	37.9815	81.9077		PPK	0.8 -	1.3	4.8	1.57	0.27	5.75	1229.	48.	7.
222	0000	-1021	37.9815	81.9072		PPK	0.9	1.2	4.8	1.39	0.26	5.45	1231.	49.	6.
223	0000	-1024	37.9815	81.9068		PPK	0.9	1.3	4.5 -	1.40	0.29	4.88	1228.	50.	6.
224	0000	-1024	37.9815	81.9063		PPK	0.9	1.3	4.4 -	1.40	0.30	4.70	1243.	50.	6.
225	0000	-1022	37.9815	81.9060		PPK	0.9	1.6	4.5 -	1.69	0.35	4.87	1264.	48.	4.
226	0000	-1024	37.9815	81.9055		PPK	0.9	1.7	4.6 -	1.97 +	0.37 +	5.29	1290.	46.	4.
227	0000	-1025	37.9815	81.9051		PPK	0.9	1.8	4.8	2.01 +	0.38 +	5.30	1326.	47.	3.
228	0000	-1024	37.9815	81.9046		PPK	0.9	1.8	4.7	1.93 +	0.39 +	4.97	1355.	48.	4.
229	0000	-1027	37.9816	81.9043		PPK	1.0	1.7	5.1	1.76	0.33	5.31	1385.	47.	4.
230	0000	-1028	37.9816	81.9039		PPK	0.9	1.7	5.5	1.84	0.31	5.91	1427.	51.	4.
231	0000	-1028	37.9816	81.9034		PPK	0.9	1.7	5.8	1.88	0.30	6.33 +	1472.	49.	6.
232	0000	-1031	37.9816	81.9030		PPK	1.0	1.6	6.2	1.60	0.25	6.38 +	1527.	50.	8.
233	0000	-1033	37.9816	81.9026		PPK	1.1	1.3	6.4	1.18	0.20	5.77	1594.	50.	11.
234	0000	-1032	37.9816	81.9022		PPK	1.2	1.1	6.9	0.91 -	0.16 -	5.78	1652.	52.	14.
235	0000	-1029	37.9816	81.9017		PPK	1.2	1.2	7.5	1.04	0.17 -	6.23 +	1749.	49.	17.
236	0000	-1032	37.9816	81.9013		PPK	1.3	1.2	7.8 +	0.97 -	0.16 -	6.21	1807.	50.	20.
237	0000	-1036	37.9816	81.9009		PPK	1.3	1.0 -	8.1 +	0.73 -	0.12 -	6.08	1842.	46.	23.
238	0000	-1036	37.9816	81.9004		PPK	1.4	0.8 -	8.0 +	0.62 --	0.11 --	5.83	1845.	46.	24.
239	0010	-1037	37.9816	81.8998		PPK	1.4	0.6 N.A.	8.0 +	0.45 N.A.	0.08 N.A.	5.75	1840.	47.	25.
240	0000	-1038	37.9816	81.8994		PPK	1.3	0.8 -	8.2 +	0.60 --	0.10 --	6.08	1824.	45.	25.
241	0000	-1039	37.9815	81.8988		PPK	1.3	0.9 -	7.6 +	0.68 --	0.12 -	5.72	1796.	42.	24.
242	0000	-1040	37.9815	81.8982		PPK	1.3	0.7 --	7.6 +	0.51 ---	0.09 --	5.75	1755.	42.	22.
243	0000	-1038	37.9815	81.8978		PPK	1.3	0.9 -	7.2	0.66 --	0.12 -	5.46	1739.	43.	21.
244	0000	-1039	37.9815	81.8973		PPK	1.2	1.1	6.9	0.92 -	0.17 -	5.54	1699.	46.	19.
245	0000	-1043	37.9815	81.8967		PPK	1.3	1.2	7.2	0.92 -	0.16 -	5.67	1712.	44.	17.
246	0000	-1041	37.9815	81.8962		PPK	1.3	1.3	7.1	1.06	0.19 -	5.68	1690.	44.	16.
247	0000	-1040	37.9814	81.8956		PPK	1.3	1.2	6.7	0.96 -	0.18 -	5.36	1669.	45.	16.
248	0000	-1042	37.9814	81.8951		PPK	1.2	1.3	6.6	1.10	0.20	5.58	1633.	47.	15.
249	0000	-1041	37.9814	81.8946		PPK	1.2	1.2	6.0	0.95 -	0.19	4.96	1585.	48.	15.
250	0000	-1040	37.9814	81.8940		PPK	1.1	1.1 -	5.9	0.93 -	0.18 -	5.22	1523.	47.	14.
251	0000	-1042	37.9814	81.8936		PPK	1.1	1.1 -	5.6	0.94 -	0.19	4.99	1484.	45.	13.
252	0000	-1046	37.9814	81.8931		PPK	1.0	1.1	5.2	1.10	0.22	5.08	1405.	45.	12.
253	0000	-1047	37.9814	81.8925		PPK	0.9	1.1	5.0	1.18	0.22	5.29	1352.	48.	12.
254	0000	-1046	37.9814	81.8920		PPK	0.9	1.1 -	5.1	1.21	0.21	5.81	1296.	51.	10.
255	0000	-1047	37.9814	81.8914		PPK	0.8 -	1.2	5.3	1.46	0.23	6.32 +	1287.	50.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-1048	37.9814	81.8909		PPK	0.9	1.7	6.0	1.93 +	0.28	7.01 +	1303.	49.	7.
257	0000	-1047	37.9813	81.8903		PPK	0.9	1.8	6.1	1.99 +	0.29	6.80 +	1331.	50.	6.
258	0000	-1050	37.9813	81.8897		PPK	0.9	1.9	6.4	1.99 +	0.30	6.73 +	1385.	48.	5.
259	0000	-1050	37.9813	81.8893		PPK	1.0	2.0	6.7	1.88	0.29	6.46 +	1455.	50.	5.
260	0000	-1046	37.9812	81.8889		PPK	1.2	1.9	7.1	1.58	0.27	5.84	1550.	47.	5.
261	0000	-1050	37.9812	81.8882		PPK	1.3	2.2 +	7.4	1.70	0.30	5.67	1652.	47.	5.
262	0000	-1056	37.9812	81.8878		PPK	1.4	2.1	7.4	1.47	0.28	5.28	1718.	49.	8.
263	0000	-1054	37.9812	81.8872		PPK	1.4 +	1.7	7.1	1.16	0.23	4.92	1755.	50.	10.
264	0000	-1052	37.9812	81.8867		PPK	1.4 +	1.5	6.9	1.05	0.22	4.76	1782.	48.	13.
265	0000	-1053	37.9812	81.8861		PPK	1.5 +	1.1	7.4	0.78 -	0.16 -	5.01	1795.	51.	15.
266	0000	-1053	37.9812	81.8856		PPK	1.4 +	1.0 -	7.3	0.71 --	0.14 -	5.09	1802.	49.	17.
267	0000	-1056	37.9812	81.8851		PPK	1.4	1.0 -	7.4	0.70 --	0.13 -	5.44	1771.	51.	18.
268	0000	-1059	37.9812	81.8847		PPK	1.3	0.9 -	7.2	0.66 --	0.12 -	5.44	1711.	50.	18.
269	0000	-1058	37.9812	81.8840		PPK	1.2	0.8 -	6.9	0.65 --	0.12 -	5.61	1656.	48.	18
270	0000	-1056	37.9811	81.8835		PPK	1.2	0.8 -	6.8	0.72 -	0.12 -	5.80	1598.	50.	15.
271	0000	-1055	37.9811	81.8830		PPK	1.1	1.0 -	6.5	0.94 -	0.16 -	5.88	1560.	50.	12.
272	0000	-1056	37.9811	81.8825		PPK	1.1	1.3	5.9	1.20	0.22	5.52	1532.	50.	9.
273	0000	-1061	37.9811	81.8819		PPK	1.1	1.4	5.9	1.20	0.23	5.22	1529.	52.	7.
274	0000	-1059	37.9811	81.8814		PPK	1.1	1.5	5.7	1.31	0.25	5.15	1549.	50.	6.
275	0000	-1059	37.9811	81.8809		PPK	1.2	1.6	5.9	1.38	0.27	5.07	1618.	50.	5.
276	0000	-1064	37.9810	81.8804		PPK	1.2	2.0	6.0	1.62	0.33	4.96	1700.	49.	5.
277	0000	-1065	37.9810	81.8798		PPK	1.2	2.3 +	6.7	1.83	0.34	5.41	1773.	48.	6.
278	0000	-1064	37.9810	81.8793		PPK	1.3	2.0	7.4	1.54	0.28	5.55	1834.	48.	8.
279	0000	-1064	37.9810	81.8788		PPK	1.3	2.1	7.4	1.58	0.28	5.59	1864.	44.	9.
280	0000	-1062	37.9810	81.8783		PPK	1.3	2.1	7.5	1.64	0.28	5.93	1863.	43.	11.
281	0000	-1063	37.9810	81.8777		PPK	1.3	2.1	7.6 +	1.66	0.28	5.97	1839.	43.	12.
282	0000	-1069	37.9809	81.8772		PPK	1.3	1.8	7.4	1.44	0.25	5.87	1779.	43.	12.
283	0000	-1070	37.9809	81.8767		PPK	1.2	1.5	7.3	1.21	0.21	5.84	1702.	43.	12.
284	0000	-1067	37.9810	81.8761		PPK	1.2	1.3	6.5	1.06	0.20	5.34	1633.	43.	12.
285	0000	-1066	37.9810	81.8756		PPK	1.2	1.3	6.3	1.08	0.20	5.41	1573.	44.	11.
286	0000	-1066	37.9809	81.8751		PPK	1.2	1.2	6.2	1.04	0.20	5.26	1531.	46.	9.
287	0000	-1068	37.9809	81.8746		PPK	1.2	1.2	5.9	1.04	0.21	4.93	1498.	44.	8.
288	0000	-1069	37.9809	81.8741		PPK	1.2	1.3	5.6	1.14	0.24	4.80	1465.	45.	7.
289	0000	-1070	37.9809	81.8735		PPK	1.1	1.4	5.4	1.22	0.25	4.91	1446.	45.	6.
290	0000	-1071	37.9809	81.8730		PPK	1.0	1.5	5.4	1.39	0.27	5.12	1436.	46.	6.
291	0000	-1070	37.9809	81.8725		PPK	1.0	1.4	5.4	1.37	0.26	5.20	1419.	45.	6.
292	0000	-1069	37.9808	81.8719		PPK	1.0	1.5	5.1	1.51	0.30	5.06	1404.	45.	7.
293	0000	-1073	37.9808	81.8714		PPK	1.0	1.6	4.9	1.64	0.32	5.13	1394.	46.	8.
294	0000	-1073	37.9808	81.8709		PPK	1.0	1.5	4.9	1.51	0.32	5.12	1394.	48.	9.
295	0000	-1073	37.9807	81.8704		PPK	1.0	1.5	5.0	1.52	0.29	5.20	1419.	47.	10.
296	0000	-1076	37.9808	81.8698		PPK	1.0	1.5	5.1	1.48	0.30	4.94	1448.	47.	11.
297	0000	-1076	37.9808	81.8693		PPK	1.1	1.3	5.3	1.24	0.25	4.94	1468.	47.	13.
298	0000	-1076	37.9807	81.8688		PPK	1.1	1.4	5.4	1.22	0.26	4.79	1513.	46.	14.
299	0000	-1079	37.9807	81.8683		PPK	1.1	1.6	5.4	1.48	0.30	4.86	1522.	45.	13.
300	0000	-1079	37.9807	81.8677		PPK	1.2	1.5	5.4	1.22	0.27	4.53 -	1506.	45.	13.
301	0000	-1077	37.9807	81.8672		PPK	1.2	1.4	5.2	1.22	0.27	4.48 -	1469.	47.	12.
302	0000	-1080	37.9807	81.8667		PPK	1.1	1.5	4.7	1.40	0.32	4.35 -	1402.	47.	12.
303	0000	-1082	37.9807	81.8662		PPK	1.0	1.3	4.9	1.30	0.27	4.72	1323.	50.	11.
304	0000	-1078	37.9807	81.8656		PPK	0.9	1.6	4.5 -	1.67	0.35	4.82	1265.	48.	9.
305	0000	-1078	37.9806	81.8651		PPK	0.8 -	1.6	4.1 -	1.95 +	0.40 +	4.91	1181.	51.	8.
306	0000	-1080	37.9806	81.8646		PPK	0.8 -	1.4	3.9 -	1.67	0.35	4.78	1122.	53.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-1081	37.9806	81.8641	PPK	0.7 -	1.4	4.1 -	1.95 +	0.33	5.84	1074.	52.	7.
308	0000	-1083	37.9806	81.8635	PPK	0.7 -	1.4	4.4 -	2.09 +	0.31	6.64 +	1046.	51.	6.
309	0000	-1082	37.9806	81.8630	PPK	0.7 -	1.2	4.5 -	1.84	0.27	6.73 +	1047.	49.	6.
310	0000	-1080	37.9806	81.8625	PPK	0.6 --	1.5	4.2 -	2.59 +	0.37 +	6.99 +	1054.	48.	6.
311	0000	-1082	37.9805	81.8620	PPK	0.6 --	1.4	4.6 -	2.20 +	0.31	7.08 +	1076.	49.	7.
312	0000	-1083	37.9805	81.8614	PPK	0.6 --	1.5	5.2	2.27 +	0.28	8.05 ++	1099.	47.	6.
313	0000	-1083	37.9805	81.8609	PPK	0.7 -	1.4	5.0	2.19 +	0.29	7.68 ++	1102.	47.	8.
314	0000	-1083	37.9805	81.8604	PPK	0.7 -	1.5	4.9	2.08 +	0.30	6.97 +	1109.	48.	8.
315	0000	-1081	37.9805	81.8599	PPK	0.7 -	1.5	5.0	2.17 +	0.31	7.06 +	1125.	48.	8.
316	0000	-1084	37.9805	81.8593	PPK	0.7 -	1.5	5.0	2.08 +	0.30	6.98 +	1134.	50.	9.
317	0000	-1087	37.9805	81.8588	PPK	0.8 -	1.4	5.1	1.87	0.28	6.63 +	1165.	48.	9.
318	0000	-1088	37.9804	81.8582	PPK	0.8 -	1.6	4.7	2.04 +	0.33	6.13	1173.	49.	8.
319	0000	-1090	37.9804	81.8578	PPK	0.8 -	1.9	4.5 -	2.32 +	0.43 +	5.45	1234.	50.	8.
320	0000	-1090	37.9804	81.8572	PPK	0.8	2.2 +	5.2	2.56 +	0.42 +	6.16	1339.	50.	7.
321	0000	-1091	37.9804	81.8567	PPK	1.0	2.3 +	5.6	2.36 +	0.41 +	5.76	1480.	50.	7.
322	0000	-1092	37.9804	81.8562	PPK	1.1	2.2	5.8	1.96 +	0.37 +	5.26	1563.	49.	7.
323	0000	-1092	37.9804	81.8557	PPK	1.1	2.3 +	5.8	2.00 +	0.40 +	5.06	1604.	48.	8.
324	0000	-1093	37.9803	81.8551	PPK	1.2	2.2 +	5.7	1.88	0.38 +	4.93	1604.	51.	9.
325	0000	-1094	37.9803	81.8546	PPK	1.1	2.0	5.8	1.77	0.35	5.10	1608.	49.	10.
326	0000	-1092	37.9803	81.8540	PPK	1.2	1.5	6.0	1.26	0.24	5.18	1580.	49.	12.
327	0000	-1092	37.9803	81.8535	PPK	1.2	1.4	5.5	1.15	0.25	4.56 -	1580.	50.	14.
328	0000	-1092	37.9803	81.8530	PPK	1.2	1.3	5.3	1.05	0.24	4.43 -	1571.	48.	14.
329	0000	-1094	37.9803	81.8525	PPK	1.3	1.4	5.2	1.05	0.26	4.07 -	1599.	50.	14.
330	0000	-1095	37.9802	81.8520	PPK	1.3	1.3	5.6	0.98 -	0.23	4.25 -	1624.	49.	13.
331	0000	-1094	37.9803	81.8514	PPK	1.3	1.4	5.8	1.10	0.25	4.45 -	1645.	50.	12.
332	0000	-1096	37.9803	81.8509	PPK	1.3	1.5	5.9	1.25	0.28	4.49 -	1651.	50.	10.
333	0000	-1096	37.9803	81.8504	PPK	1.3	1.8	5.7	1.46	0.32	4.55 -	1632.	49.	9.
334	0000	-1094	37.9802	81.8498	PPK	1.2	1.8	5.9	1.50	0.31	4.88	1572.	50.	8.
335	0000	-1095	37.9802	81.8493	PPK	1.1	2.0	5.9	1.77	0.33	5.31	1487.	50.	7.
336	0000	-1095	37.9802	81.8487	PPK	0.9	1.9	5.6	2.04 +	0.33	6.13	1411.	47.	8.
337	0000	-1095	37.9802	81.8483	PPK	0.8 -	1.8	5.4	2.18 +	0.34	6.45 +	1353.	48.	9.
338	0000	-1095	37.9802	81.8478	PPK	0.8 -	1.7	5.4	2.01 +	0.31	6.54 +	1310.	46.	10.
339	0000	-1096	37.9802	81.8472	PPK	0.8 -	1.4	5.2	1.76	0.27	6.50 +	1268.	46.	12.
340	0000	-1095	37.9801	81.8467	PPK	0.8 -	1.3	5.2	1.67	0.26	6.50 +	1236.	49.	13.
341	0000	-1094	37.9801	81.8462	PPK	0.8 -	1.1	5.2	1.36	0.21	6.55 +	1209.	47.	13.
342	0000	-1093	37.9801	81.8456	PPK	0.7 -	1.0 -	5.1	1.35	0.20	6.82 +	1189.	49.	13.
343	0000	-1094	37.9801	81.8451	PPK	0.8 -	1.2	4.9	1.61	0.25	6.35 +	1180.	52.	12.
344	0000	-1096	37.9801	81.8445	PPK	0.8 -	1.3	5.1	1.59	0.25	6.33 +	1197.	51.	10.
345	0000	-1096	37.9801	81.8441	PPK	0.9	1.2	5.2	1.39	0.24	5.85	1219.	51.	9.
346	0000	-1094	37.9800	81.8436	PPK	0.9	1.4	5.2	1.55	0.27	5.64	1265.	52.	8.
347	0000	-1093	37.9800	81.8429	PPK	1.0	1.6	5.2	1.53	0.30	5.10	1336.	49.	7.
348	0000	-1092	37.9800	81.8425	PPK	1.0	1.9	5.1	1.78	0.36 +	4.90	1378.	50.	6.
349	0000	-1095	37.9800	81.8419	PPK	1.1	1.9	5.1	1.72	0.38 +	4.58 -	1418.	47.	6.
350	0000	-1101	37.9800	81.8414	PPK	1.1	1.9	5.5	1.68	0.34	4.87	1482.	44.	6.
351	0000	-1103	37.9800	81.8409	PPK	1.2	2.0	5.5	1.66	0.36 +	4.55 -	1544.	43.	6.
352	0000	-1106	37.9800	81.8403	PPK	1.3	2.0	5.6	1.53	0.35 +	4.34 -	1629.	42.	7.
353	0000	-1108	37.9799	81.8398	PPK	1.4	2.0	5.8	1.46	0.34	4.26 -	1692.	46.	9.
354	0000	-1107	37.9799	81.8394	PPK	1.3	2.1	6.1	1.57	0.34	4.56 -	1734.	46.	9.
355	0000	-1108	37.9799	81.8387	PPK	1.4 +	1.9	6.4	1.33	0.30	4.44 -	1794.	45.	10.
356	0000	-1109	37.9799	81.8382	PPK	1.4 +	2.1	7.1	1.46	0.30	4.94	1842.	46.	9.
357	0000	-1108	37.9799	81.8377	PPK	1.4	2.3 +	6.9	1.64	0.34	4.86	1828.	49.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-1110	37.9799	81.8372		PPK	1.4	2.	6.9	1.73	0.35	4.95	1812.	52.	8.
359	0000	-1111	37.9799	81.8367		PPK	1.3	2.7 +	6.8	2.11 +	0.40 +	5.26	1754.	51.	6.
360	0000	-1110	37.9799	81.8361		PPK	1.3	2.7 +	6.8	2.16 +	0.40 +	5.44	1698.	48.	4.
361	0000	-1111	37.9799	81.8356		PPK	1.3	2.5 +	6.6	2.01 +	0.38 +	5.26	1632.	46.	3.
362	0000	-1112	37.9798	81.8351		PPK	1.2	2.5 +	6.6	2.09 +	0.38 +	5.58	1553.	45.	2.
363	0000	-1110	37.9798	81.8345		PPK	1.1	2.2 +	5.8	1.95 +	0.38 +	5.11	1456.	46.	3.
364	0000	-1111	37.9798	81.8340		PPK	1.1	1.9	5.7	1.70	0.33	5.18	1376.	46.	4.
365	0000	-1110	37.9798	81.8335		PPK	1.0	1.6	5.4	1.55	0.30	5.15	1295.	46.	6.
366	0000	-1108	37.9798	81.8330		PPK	1.0	1.2	5.2	1.19	0.22	5.34	1225.	46.	7.
367	0000	-1109	37.9798	81.8324		PPK	0.9	1.0 -	4.7	1.07	0.20	5.24	1158.	46.	9.
368	0000	-1107	37.9798	81.8319		PPK	0.8 -	0.7 --	4.6 -	0.91 -	0.16 -	5.73	1080.	47.	11.
369	0000	-1105	37.9797	81.8314		PPK	0.7 -	0.8 -	4.2 -	1.03	0.18 -	5.64	1030.	47.	12.
370	0000	-1108	37.9797	81.8308		PPK	0.7 -	0.5 --	4.4 -	0.74 -	0.12 -	5.99	1013.	46.	12.
371	0000	-1108	37.9797	81.8303		PPK	0.7 -	0.6 --	4.3 -	0.80 -	0.14 -	5.78	1000.	44.	13.
372	0000	-1108	37.9797	81.8298		PPK	0.7 -	0.7 --	4.4 -	0.94 -	0.15 -	6.09	997.	43.	12.
373	0000	-1109	37.9797	81.8293		PPK	0.7 -	1.0 -	4.0 -	1.37	0.24	5.70	1013.	43.	11.
374	0000	-1106	37.9797	81.8287		PPK	0.7 -	0.9 -	4.1 -	1.30	0.23	5.61	1022.	44.	10.
375	0000	-1105	37.9796	81.8282		PPK	0.8 -	1.2	4.0 -	1.61	0.31	5.13	1068.	44.	9.
376	0000	-1107	37.9796	81.8277		PPK	0.8 -	1.3	4.1 -	1.59	0.30	5.26	1093.	45.	8.
377	0000	-1107	37.9796	81.8272		PPK	0.8 -	1.5	3.9 -	1.97 +	0.38 +	5.19	1111.	47.	7.
378	0000	-1106	37.9796	81.8266		PPK	0.8 -	1.3	3.9 -	1.73	0.35	4.99	1121.	48.	6.
379	0000	-1107	37.9796	81.8261		PPK	0.8 -	1.4	3.7 -	1.75	0.36 +	4.82	1123.	48.	6.
380	0000	-1109	37.9796	81.8256		PPK	0.8 -	1.4	4.1 -	1.85	0.35	5.37	1111.	49.	6.
381	0000	-1111	37.9796	81.8251		PPK	0.7 -	1.5	4.0 -	2.05 +	0.37 +	5.57	1111.	48.	6.
382	0000	-1111	37.9795	81.8245		PPK	0.7 -	1.3	4.2 -	1.85	0.32	5.82	1086.	49.	6.
383	0000	-1109	37.9795	81.8240		PPK	0.7 -	1.4	4.1 -	1.99 +	0.34	5.82	1070.	50.	6.
384	0000	-1110	37.9796	81.8235		PPK	0.7 -	1.4	3.7 -	1.97 +	0.37 +	5.38	1052.	48.	7.
385	0000	-1111	37.9795	81.8230		PPK	0.7 -	1.5	3.8 -	2.21 +	0.39 +	5.65	1037.	46.	7.
386	0000	-1111	37.9795	81.8224		PPK	0.6 --	1.4	3.8 -	2.11 +	0.35 +	5.97	1024.	46.	7.
387	0000	-1112	37.9795	81.8219		PPK	0.7 -	1.1	3.8 -	1.58	0.29	5.41	1020.	46.	8.
388	0000	-1115	37.9794	81.8214		PPK	0.7 -	1.2	3.7 -	1.58	0.31	5.06	1037.	47.	8.
389	0000	-1114	37.9794	81.8209		PPK	0.8 -	1.1	3.9 -	1.44	0.29	4.97	1062.	47.	9.
390	0000	-1111	37.9794	81.8203		PPK	0.8 -	1.1 -	4.1 -	1.28	0.26	4.97	1105.	47.	9.
391	0000	-1113	37.9794	81.8198		PPK	0.9	1.0 -	4.5 -	1.14	0.22	5.16	1145.	47.	9.
392	0000	-1115	37.9794	81.8193		PPK	0.9	1.0 -	4.6 -	1.13	0.23	4.98	1212.	49.	9.
393	0000	-1113	37.9794	81.8188		PPK	1.0	1.3	4.7	1.34	0.27	4.91	1289.	50.	9.
394	0000	-1114	37.9794	81.8182		PPK	1.1	1.3	5.1	1.26	0.26	4.85	1371.	49.	9.
395	0000	-1114	37.9794	81.8177		PPK	1.1	1.4	5.9	1.24	0.23	5.41	1435.	48.	8.
396	0000	-1114	37.9794	81.8172		PPK	1.1	1.6	5.9	1.47	0.28	5.28	1475.	46.	7.
397	0000	-1116	37.9794	81.8167		PPK	1.1	1.6	6.2	1.37	0.25	5.43	1495.	45.	7.
398	0000	-1116	37.9793	81.8161		PPK	1.1	1.8	6.3	1.65	0.29	5.66	1513.	47.	6.
399	0000	-1114	37.9793	81.8156		PPK	1.1	1.9	6.2	1.68	0.30	5.51	1507.	47.	6.
400	0000	-1114	37.9793	81.8151		PPK	1.1	1.7	6.1	1.52	0.28	5.34	1488.	47.	7.
401	0000	-1116	37.9792	81.8146		PPK	1.1	1.8	5.9	1.72	0.31	5.56	1436.	47.	7.
402	0000	-1116	37.9793	81.8140		PPK	1.0	1.8	5.6	1.68	0.32	5.33	1439.	48.	7.
403	0000	-1116	37.9793	81.8135		PPK	1.0	1.7	5.5	1.75	0.31	5.70	1459.	49.	8.
404	0000	-1117	37.9792	81.8130		PPK	0.9	1.9	5.4	1.99 +	0.35	5.70	1474.	46.	9.
405	0000	-1118	37.9792	81.8125		PPK	1.0	1.7	5.4	1.67	0.31	5.37	1492.	43.	9.
406	0000	-1116	37.9792	81.8119		PPK	0.9	1.6	5.7	1.66	0.27	6.09	1491.	42.	9.
407	0000	-1115	37.9792	81.8114		PPK	0.9	1.6	6.0	1.79	0.26	6.77 +	1485.	42.	9.
408	0000	-1117	37.9792	81.8109		PPK	0.8	1.6	6.3	1.91	0.26	7.42 ++	1483.	40.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-1118	37.9792	81.8104	PPK	0.8 -	1.8	5.9	2.24 +	0.31	7.23 ++	1477.	39.	8.
410	0000	-1116	37.9791	81.8098	PPK	0.8 -	2.1	6.0	2.55 +	0.35 +	7.24 ++	1489.	42.	7.
411	0000	-1117	37.9791	81.8093	PPK	0.9	2.1	6.3	2.39 +	0.34	6.97 +	1532.	45.	6.
412	0000	-1118	37.9791	81.8087	PPK	1.0	2.1	6.4	2.14 +	0.33	6.58 +	1602.	46.	6.
413	0000	-1115	37.9791	81.8082	PPK	1.1	2.1	6.9	1.99 +	0.31	6.46 +	1647.	46.	6.
414	0000	-1115	37.9791	81.8077	PPK	1.1	2.3 +	6.8	2.06 +	0.34	6.05	1674.	44.	5.
415	0000	-1113	37.9791	81.8072	PPK	1.2	2.4 +	6.8	2.10 +	0.36 +	5.80	1701.	46.	5.
416	0000	-1110	37.9791	81.8067	PPK	1.2	2.3 +	7.3	1.90	0.32	6.01	1726.	47.	4.
417	0000	-1113	37.9791	81.8062	PPK	1.3	2.0	7.4	1.57	0.27	5.76	1745.	44.	5.
418	0000	-1115	37.9792	81.8056	PPK	1.3	2.2 +	7.5	1.74	0.30	5.84	1754.	43.	4.
419	0000	-1112	37.9792	81.8051	PPK	1.3	2.4 +	8.1 +	1.91	0.30	6.42 +	1757.	43.	3.
420	0000	-1112	37.9792	81.8046	PPK	1.2	2.7 +	7.8 +	2.22 +	0.35 +	6.29 +	1775.	44.	2.
421	0000	-1111	37.9792	81.8040	PPK	1.2	2.5 +	8.1 +	2.07 +	0.31	6.68 +	1782.	44.	2.
422	0000	-1109	37.9792	81.8035	PPK	1.3	2.6 +	7.8 +	2.05 +	0.33	6.17	1773.	42.	2.
423	0000	-1110	37.9793	81.8031	PPK	1.3	2.5 +	7.3	2.00 +	0.34	5.82	1734.	42.	2.
424	0000	-1109	37.9793	81.8025	PPK	1.2	2.3 +	7.1	1.87	0.32	5.81	1659.	43.	2.
425	0000	-1107	37.9793	81.8020	PPK	1.2	2.1	6.5	1.81	0.33	5.53	1556.	41.	2.
426	0000	-1107	37.9793	81.8014	PPK	1.1	2.0	5.3	1.81	0.37 +	4.87	1420.	41.	2.
427	0000	-1104	37.9794	81.8009	PPK	1.1	1.5	4.9	1.39	0.30	4.60 -	1325.	41.	4.
428	0000	-1101	37.9794	81.8004	PPK	1.1	1.4	4.3 -	1.32	0.32	4.07 --	1261.	42.	5.
429	0000	-1103	37.9794	81.8000	PPK	1.0	1.2	4.2 -	1.24	0.29	4.27 -	1208.	43.	7.
430	0000	-1104	37.9794	81.7994	PPK	0.9	1.1	4.0 -	1.15	0.27	4.26 -	1171.	43.	10.
431	0000	-1102	37.9794	81.7989	PPK	0.9	1.0 -	3.8 -	1.16	0.28	4.15 -	1157.	45.	11.
432	0000	-1102	37.9794	81.7983	PPK	0.9	0.8 -	3.8 -	0.92 -	0.21	4.48 -	1150.	48.	14.
433	0000	-1103	37.9794	81.7978	PPK	0.8 -	0.8 -	4.1 -	0.99 -	0.21	4.81	1179.	49.	14.
434	0000	-1102	37.9794	81.7973	PPK	0.8 -	1.0	4.4 -	1.18	0.22	5.35	1189.	51.	14.
435	0000	-1101	37.9794	81.7968	PPK	0.8 -	1.3	4.3 -	1.68	0.30	5.66	1204.	51.	12.
436	0000	-1102	37.9795	81.7963	PPK	0.8 -	1.3	4.7	1.56	0.27	5.85	1224.	51.	11.
437	0000	-1103	37.9795	81.7958	PPK	0.8 -	1.5	4.7	1.88	0.32	5.82	1250.	50.	9.
438	0000	-1101	37.9795	81.7953	PPK	0.8 -	1.7	4.8	2.12 +	0.35 +	6.00	1249.	50.	7.
439	0000	-1101	37.9795	81.7947	PPK	0.8 -	2.0	5.0	2.45 +	0.39 +	6.23 +	1255.	49.	4.
440	0000	-1100	37.9795	81.7942	PPK	0.8 -	2.1	5.1	2.72 ++	0.42 +	6.54 +	1238.	50.	3.
441	0000	-1098	37.9796	81.7937	PPK	0.8 -	2.2 +	4.9	2.91 ++	0.45 ++	6.41 +	1217.	50.	2.
442	0000	-1097	37.9796	81.7932	PPK	0.7 -	2.2 +	4.6 -	2.95 ++	0.47 ++	6.28 +	1184.	51.	1.
443	0000	-1099	37.9796	81.7927	PPK	0.7 -	2.4 +	4.3 -	3.38 ++	0.54 +++	6.24 +	1157.	51.	1.
444	0000	-1098	37.9796	81.7921	PPK	0.7 -	2.3 +	4.3 -	3.50 ++	0.54 +++	6.50 +	1121.	52.	1.
445	0000	-1093	37.9796	81.7916	PPK	0.6 --	2.2 +	4.2 -	3.51 ++	0.53 +++	6.64 +	1112.	51.	1.
446	0000	-1094	37.9796	81.7911	PPK	0.6 --	2.2 +	3.9 -	3.37 ++	0.56 +++	6.03	1113.	51.	3.
447	0000	-1096	37.9796	81.7905	PPK	0.7 -	2.1	3.6 -	3.20 ++	0.58 +++	5.54	1114.	50.	4.
448	0000	-1093	37.9796	81.7901	PPK	0.6 --	2.2	3.4 -	3.36 ++	0.63 +++	5.36	1131.	51.	5.
449	0000	-1093	37.9796	81.7896	PPK	0.6 -	2.0	3.3 -	3.05 ++	0.60 +++	5.10	1145.	52.	6.
450	0000	-1094	37.9797	81.7890	PPK	0.6 --	1.8	3.4 -	2.80 ++	0.52 +++	5.38	1144.	53.	8.
451	0000	-1093	37.9797	81.7885	PPK	0.6 --	1.7	3.6 -	2.70 ++	0.46 ++	5.81	1145.	53.	9.
452	0000	-1093	37.9797	81.7879	PPK	0.6 --	1.7	3.5 -	2.95 ++	0.50 ++	5.92	1138.	54.	9.
453	0000	-1092	37.9797	81.7874	PPK	0.6 --	1.5	3.6 -	2.57 +	0.42 +	6.17	1100.	54.	10.
454	0000	-1092	37.9798	81.7869	PPK	0.6 --	1.4	3.6 -	2.57 +	0.40 +	6.48 +	1063.	54.	10.
455	0000	-1092	37.9798	81.7865	PPK	0.6 --	1.1	3.6 -	2.06 +	0.32	6.48 +	1028.	53.	11.
456	0000	-1092	37.9798	81.7859	PPK	0.6 --	1.1	3.9 -	1.99 +	0.29	6.89 +	1017.	52.	11.
457	0000	-1092	37.9798	81.7854	PPK	0.6 --	1.2	3.6 -	1.97 +	0.33	5.93	1029.	52.	10.
458	0000	-1092	37.9798	81.7848	PPK	0.7 -	1.1	3.8 -	1.63	0.29	5.54	1052.	51.	11.
459	0000	-1092	37.9799	81.7843	PPK	0.7 -	1.2	4.2 -	1.70	0.29	5.94	1087.	52.	11.

CP9 1P 12

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-1093	37.9799	81.7838		PPK	0.8 -	1.3	4.6 -	1.74	0.29	5.97	1180.	49.	11.
461	0000	-1091	37.9799	81.7833		PPK	0.8 -	1.4	5.2	1.69	0.27	6.18	1284.	48.	10.
462	0000	-1089	37.9799	81.7828		PPK	0.9	1.5	5.8	1.71	0.26	6.57 +	1348.	48.	10.
463	0000	-1092	37.9799	81.7823		PPK	0.9	1.6	5.6	1.80	0.29	6.30 +	1389.	48.	10.
464	0000	-1094	37.9799	81.7817		PPK	0.9	1.6	6.0	1.82	0.27	6.82 +	1406.	45.	9.
465	0000	-1090	37.9799	81.7812		PPK	0.8 -	1.4	6.1	1.72	0.23	7.30 ++	1405.	44.	9.
466	0000	-1089	37.9799	81.7807		PPK	0.9	1.2	6.3	1.31	0.19	6.87 +	1406.	45.	8.
467	0000	-1090	37.9799	81.7802		PPK	0.9	1.3	6.5	1.48	0.20	7.39 ++	1390.	47.	8.
468	0000	-1088	37.9800	81.7797		PPK	0.9	1.4	6.4	1.65	0.22	7.42 ++	1380.	50.	7.
469	0000	-1087	37.9800	81.7792		PPK	0.9	1.5	6.3	1.64	0.24	6.90 +	1400.	50.	7.
470	0000	-1089	37.9800	81.7786		PPK	1.0	1.4	6.8	1.45	0.21	6.99 +	1406.	49.	7.
471	0000	-1088	37.9800	81.7781		PPK	1.0	1.5	6.4	1.53	0.24	6.49 +	1413.	51.	8.
472	0000	-1087	37.9801	81.7776		PPK	1.0	1.7	6.2	1.71	0.28	6.22 +	1409.	49.	7.
473	0000	-1084	37.9801	81.7771		PPK	0.9	1.9	5.7	2.10 +	0.33	6.34 +	1381.	50.	8.
474	0000	-1080	37.9801	81.7766		PPK	0.9	1.9	5.2	2.17 +	0.36 +	6.02	1338.	49.	8.
475	0000	-1080	37.9801	81.7761		PPK	0.8	1.6	4.7	1.92	0.35	5.52	1287.	46.	8.
476	0000	-1081	37.9801	81.7755		PPK	0.8 -	1.5	4.5 -	1.97 +	0.34	5.81	1229.	47.	8.
477	0000	-1079	37.9801	81.7750		PPK	0.7 -	1.5	4.4 -	2.13 +	0.35	6.07	1196.	50.	7.
478	0000	-1078	37.9802	81.7745		PPK	0.7 -	1.4	4.6 -	1.99 +	0.30	6.55 +	1171.	50.	7.
479	0000	-1078	37.9802	81.7739		PPK	0.7 -	1.3	4.6 -	1.91	0.29	6.59 +	1173.	51.	8.
480	0000	-1076	37.9802	81.7734		PPK	0.7 -	1.2	4.9	1.63	0.25	6.61 +	1182.	52.	9.
481	0000	-1074	37.9802	81.7730		PPK	0.8 -	1.2	5.1	1.56	0.24	6.56 +	1205.	52.	11.
482	0000	-1074	37.9802	81.7724		PPK	0.7 -	1.2	5.2	1.65	0.23	7.03 +	1219.	52.	12.
483	0000	-1075	37.9802	81.7719		PPK	0.8 -	1.2	4.9	1.62	0.25	6.46 +	1234.	50.	14.
484	0000	-1075	37.9802	81.7713		PPK	0.7 -	1.3	4.8	1.86	0.28	6.70 +	1258.	47.	16.
485	0000	-1073	37.9802	81.7708		PPK	0.7 -	1.2	5.0	1.65	0.25	6.69 +	1295.	48.	17.
486	0000	-1072	37.9803	81.7703		PPK	0.7 -	1.3	5.2	1.74	0.25	7.10 +	1312.	47.	18.
487	0000	-1072	37.9803	81.7699		PPK	0.8 -	1.2	5.2	1.63	0.24	6.84 +	1345.	45.	19.
488	0000	-1071	37.9803	81.7693		PPK	0.8 -	1.2	5.0	1.54	0.24	6.49 +	1355.	45.	20.
489	0000	-1071	37.9803	81.7687		PPK	0.8 -	1.2	5.4	1.54	0.23	6.69 +	1378.	45.	20.
490	0000	-1070	37.9803	81.7682		PPK	0.9	1.1	5.6	1.28	0.19	6.57 +	1401.	46.	20.
491	0000	-1067	37.9804	81.7677		PPK	0.9	1.1	5.9	1.22	0.18 -	6.73 +	1400.	46.	19.
492	0000	-1067	37.9804	81.7672		PPK	0.9	1.1	5.8	1.23	0.19	6.45 +	1370.	47.	17.
493	0000	-1067	37.9804	81.7667		PPA-1	0.9	1.2	5.7	1.32	0.20	6.52	1343.	47.	16.
494	0000	-1064	37.9804	81.7662		PPA-1	0.9	1.2	5.7	1.43	0.22	6.61	1294.	47.	13.
495	0000	-1063	37.9804	81.7656		PPA-1	0.8	1.2	5.8	1.42	0.20	6.99 +	1254.	46.	11.
496	0000	-1065	37.9804	81.7651		PPA-1	0.8	1.2	5.4	1.37	0.21	6.40	1224.	47.	10.
497	0000	-1064	37.9804	81.7646		PPA-1	0.8	1.5	5.5	1.86	0.28	6.70 +	1236.	46.	9.
498	0000	-1062	37.9804	81.7641		PPA-1	0.9	1.4	5.5	1.54	0.25	6.25	1264.	47.	9.
499	0000	-1062	37.9805	81.7635		PPA-1	0.9	1.5	5.5	1.72	0.28	6.17	1302.	45.	9.
500	0000	-1063	37.9805	81.7631		PPA-1	1.0	1.4	5.6	1.46	0.25	5.75	1379.	46.	11.
501	0000	-1061	37.9805	81.7626		PPA-1	1.0	1.3	6.0 +	1.25	0.21	5.81	1446.	46.	12.
502	0000	-1060	37.9805	81.7620		PPA-1	1.1 +	1.4	6.2 +	1.25	0.22	5.70	1516.	46.	14.
503	0000	-1060	37.9805	81.7615		PPK	1.1	1.4	6.2	1.25	0.22	5.59	1553.	46.	14.
504	0000	-1058	37.9806	81.7610		PPK	1.1	1.2	6.2	1.12	0.20	5.60	1569.	45.	15.
505	0000	-1059	37.9806	81.7604		PPK	1.1	1.3	5.8	1.19	0.23	5.21	1579.	44.	16.
506	0000	-1060	37.9806	81.7600		PPK	1.1	1.2	6.1	1.09	0.20	5.37	1597.	45.	16.
507	0000	-1057	37.9806	81.7595		PPK	1.1	1.3	5.8	1.19	0.23	5.26	1563.	45.	15.
508	0000	-1054	37.9807	81.7589		PPK	1.1	1.6	5.6	1.41	0.28	5.11	1569.	43.	15.
509	0000	-1053	37.9807	81.7584		PPK	1.1	1.4	5.5	1.23	0.25	4.89	1553.	43.	15.
510	0000	-1053	37.9807	81.7579		PPK	1.1	1.2	5.9	1.10	0.21	5.22	1569.	44.	16.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-1052	37.9807	81.7573	PPK	1.1	1.3	6.3	1.16	0.20	5.66	1565.	46.	16.
512	0000	-1051	37.9807	81.7569	PPK	1.1	1.1	7.1	1.01	0.16 -	6.41 +	1556.	47.	16.
513	0000	-1048	37.9807	81.7563	PPK	1.1	0.8 -	7.3	0.72 --	0.11 -	6.63 +	1543.	46.	17.
514	0000	-1046	37.9807	81.7557	PPK	1.1	0.8 -	7.4	0.76 -	0.11 -	6.85 +	1536.	44.	17.
515	0000	-1045	37.9807	81.7553	PPK	1.1	0.9 -	7.0	0.80 -	0.12 -	6.44 +	1513.	46.	18.
516	0000	-1045	37.9807	81.7547	PPK	1.1	1.2	6.7	1.11	0.18 -	6.14	1519.	48.	17.
517	0000	-1043	37.9808	81.7542	PPK	1.1	1.2	6.3	1.16	0.20	5.91	1498.	45.	16.
518	0000	-1041	37.9808	81.7537	PPK	1.1	1.2	5.9	1.07	0.20	5.42	1461.	44.	15.
519	0000	-1040	37.9808	81.7532	PPK	1.1	1.3	5.5	1.22	0.23	5.22	1430.	45.	14.
520	0000	-1039	37.9808	81.7526	PPK	1.0	1.7	5.0	1.70	0.33	5.08	1393.	47.	12.
521	0000	-1038	37.9808	81.7522	PPK	1.0	1.6	5.1	1.66	0.32	5.20	1383.	47.	11.
522	0000	-1036	37.9809	81.7516	PPK	1.0	1.5	5.2	1.61	0.30	5.40	1347.	48.	11.
523	0000	-1034	37.9809	81.7511	PPK	0.9	1.3	5.5	1.40	0.23	6.11	1319.	46.	11.
524	0000	-1033	37.9809	81.7506	PPK	0.9	1.3	5.7	1.43	0.22	6.35 +	1301.	44.	10.
525	0000	-1030	37.9809	81.7501	PPK	0.9	1.2	5.9	1.34	0.20	6.63 +	1282.	44.	9.
526	0000	-1029	37.9809	81.7496	PPK	0.9	1.2	5.6	1.32	0.21	6.33 +	1273.	43.	9.
527	0000	-1031	37.9809	81.7490	PPK	0.9	1.1	5.7	1.20	0.20	6.07	1268.	40.	8.
528	0000	-1029	37.9809	81.7485	PPK	0.9	1.2	5.7	1.26	0.21	6.08	1255.	42.	7.
529	0000	-1025	37.9810	81.7480	PPK	0.9	1.4	5.8	1.48	0.23	6.31 +	1263.	42.	6.
530	0000	-1024	37.9810	81.7475	PPK	0.9	1.7	5.7	1.88	0.30	6.25 +	1267.	44.	4.
531	0000	-1024	37.9810	81.7469	PPK	0.9	1.9	5.8	2.14 +	0.33	6.41 +	1305.	45.	3.
532	0000	-1021	37.9810	81.7465	PPK	0.9	2.2 +	5.8	2.36 +	0.37 +	6.31 +	1343.	46.	2.
533	0000	-1020	37.9810	81.7459	PPK	0.9	2.4 +	6.1	2.62 +	0.39 +	6.64 +	1372.	47.	1.
534	0000	-1020	37.9810	81.7454	PPK	0.9	2.5 +	5.8	2.87 ++	0.44 ++	6.60 +	1379.	47.	1.
535	0000	-1017	37.9811	81.7449	PPK	0.9	2.6 +	5.5	2.87 ++	0.47 ++	6.13	1381.	47.	0.
536	0000	-1015	37.9811	81.7444	PPK	0.9	2.6 +	5.2	3.03 ++	0.49 ++	6.14	1363.	44.	0.
537	0000	-1012	37.9811	81.7438	PPK	0.8 -	2.2 +	4.8	2.66 +	0.47 ++	5.67	1306.	43.	1.
538	0000	-1011	37.9811	81.7433	PPK	0.8 -	1.9	4.2 -	2.38 +	0.46 ++	5.18	1219.	44.	2.
539	0000	-1010	37.9811	81.7427	PPK	0.7 -	1.7	3.5 -	2.34 +	0.49 ++	4.78	1134.	44.	4.
540	0000	-1008	37.9812	81.7422	PPK	0.7 -	1.5	3.3 -	2.09 +	0.45 ++	4.67 -	1061.	42.	6.
541	0000	-1007	37.9812	81.7417	PPK	0.7 -	1.3	3.2 --	2.03 +	0.42 +	4.85	1027.	44.	8.
542	0000	-1007	37.9812	81.7413	PPK	0.6 --	1.1	3.4 -	1.85	0.33	5.59	1018.	43.	11.
543	0000	-1004	37.9812	81.7407	PPK	0.7 -	0.8 -	3.7 -	1.20	0.22	5.50	1046.	46.	15.
544	0000	-1004	37.9812	81.7402	PPK	0.7 -	0.7 --	3.9 -	0.95 -	0.17 -	5.69	1107.	46.	18.
545	0000	-1004	37.9812	81.7397	PPK	0.7 -	0.7 --	4.7	0.91 -	0.14 - -	6.40 +	1170.	46.	19.
546	0000	-1002	37.9812	81.7391	PPK	0.9	0.9 -	4.8	1.10	0.20	5.59	1270.	46.	20.
547	0000	-998	37.9812	81.7386	PPK	1.1	0.9 -	5.6	0.81 -	0.15 -	5.26	1402.	47.	20.
548	0000	-996	37.9812	81.7381	PPK	1.1	1.0 -	6.0	0.95 -	0.17 -	5.41	1494.	46.	19.
549	0000	-994	37.9813	81.7376	PPK	1.2	1.1	6.1	0.94 -	0.19 -	5.02	1532.	44.	17.
550	0000	-992	37.9813	81.7371	PPK	1.2	1.2	6.1	0.99 -	0.19	5.10	1523.	43.	14.
551	0000	-992	37.9813	81.7366	PPK	1.2	1.4	6.4	1.18	0.22	5.26	1500.	43.	10.
552	0000	-992	37.9813	81.7360	PPK	1.1	1.6	5.9	1.39	0.27	5.14	1462.	45.	8.
553	0000	-989	37.9814	81.7355	PPK	1.1	1.6	6.1	1.48	0.26	5.74	1422.	44.	6.
554	0000	-989	37.9814	81.7350	PPK	1.0	1.8	5.3	1.90	0.35	5.49	1368.	44.	5.
555	0000	-989	37.9814	81.7345	PPA-1	1.0	1.6	5.3	1.61	0.31	5.19	1353.	43.	4.
556	0000	-987	37.9814	81.7340	PPA-1	1.0	1.6	5.3	1.71	0.31	5.58	1340.	45.	5.
557	0000	-984	37.9814	81.7335	PPA-1	1.0	1.6	5.1	1.69	0.32	5.32	1339.	45.	7.
558	0000	-983	37.9814	81.7329	PPA-1	1.0	1.6	5.0	1.65	0.32	5.15	1342.	43.	9.
559	0000	-982	37.9814	81.7324	PPA-1	1.0	1.4	5.0	1.38	0.28	5.00 -	1333.	44.	11.
560	0000	-982	37.9814	81.7319	PPA-1	1.0	1.0	4.6	1.03 -	0.23	4.56 -	1302.	47.	13.
561	0000	-979	37.9814	81.7314	PPA-1	1.0	0.8 -	4.4	0.79 --	0.17 -	4.62 -	1263.	47.	16.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS * ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES * POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-976	37.9815	81.7309	PPA-1	0.9	0.6 -	4.1	0.65 --	0.15 -	4.35 --	1212.	49.	16.
563	0000	-976	37.9815	81.7303	PPA-1	0.9	0.7 -	4.1	0.70 --	0.16 -	4.43 -	1195.	48.	16.
564	0000	-974	37.9815	81.7298	PPA-1	0.9	0.6 -	4.0	0.69 --	0.16 -	4.24 --	1190.	45.	16.
565	0000	-972	37.9815	81.7292	PPA-1	0.9	0.6 -	4:1	0.63 --	0.14 -	4.56 -	1171.	47.	16.
566	0000	-972	37.9815	81.7287	PPK	0.9	0.7 --	4.2 -	0.73 -	0.16 -	4.59 -	1161.	46.	15.
567	0000	-971	37.9816	81.7283	PPK	0.9	0.7 --	4.5 -	0.83 -	0.16 -	5.15	1156.	43.	14.
568	0000	-968	37.9816	81.7278	PPK	0.9	0.9 -	4.5 -	1.02	0.20	5.14	1144.	44.	12.
569	0000	-966	37.9816	81.7272	PPK	0.8 -	1.0 -	4.7	1.27	0.22	5.85	1123.	44.	12.
570	0000	-966	37.9816	81.7267	PPK	0.8 -	0.8 -	4.3 -	1.01	0.20	5.18	1103.	45.	12.
571	0000	-967	37.9817	81.7261	PPK	0.8 -	1.0 -	4.8	1.25	0.20	6.16	1113.	45.	11.
572	0000	-968	37.9817	81.7256	PPK	0.8 -	1.1 -	4.8	1.28	0.22	5.82	1141.	46.	10.
573	0000	-965	37.9817	81.7252	PPK	0.8	1.2	4.8	1.44	0.25	5.66	1169.	46.	10.
574	0000	-963	37.9817	81.7247	PPK	0.9	1.3	4.8	1.48	0.27	5.45	1209.	47.	9.
575	0000	-962	37.9817	81.7241	PPK	0.9	1.6	4.6 -	1.81	0.34	5.35	1252.	45.	10.
576	0000	-962	37.9817	81.7236	PPK	0.9	1.6	4.7	1.81	0.33	5.44	1303.	42.	10.
577	0000	-961	37.9817	81.7230	PPK	0.9	1.8	5.1	2.03 +	0.35	5.86	1346.	43.	9.
578	0000	-959	37.9817	81.7225	PPK	0.9	1.6	4.6 -	1.74	0.35	5.01	1360.	44.	10.
579	0000	-956	37.9817	81.7220	PPK	0.9	1.6	4.8	1.73	0.34	5.14	1381.	42.	10.
580	0000	-955	37.9818	81.7215	PPK	0.9	1.6	4.9	1.73	0.32	5.44	1402.	42.	11.
581	0000	-955	37.9818	81.7210	PPK	0.9	1.5	5.1	1.71	0.30	5.71	1412.	41.	12.
582	0000	-951	37.9818	81.7205	PPK	0.9	1.3	5.6	1.37	0.23	6.02	1420.	42.	14.
583	0000	-949	37.9818	81.7199	PPK	1.0	1.1 -	5.6	1.06	0.19	5.60	1434.	43.	16.
584	0000	-949	37.9818	81.7194	PPK	1.0	0.8 -	5.8	0.74 -	0.13 -	5.68	1461.	42.	18.
585	0000	-946	37.9819	81.7189	PPK	1.0	0.7 --	6.6	0.69 --	0.10 --	6.64 +	1497.	42.	19.
586	0000	-942	37.9819	81.7184	PPK	1.0	0.6 --	6.9	0.57 --	0.08 --	6.92 +	1530.	42.	20.
587	0010	-938	37.9819	81.7179	PPK	1.1	0.4 N.A.	7.5	0.36 N.A.	0.05 N.A.	6.92 +	1590.	45.	21.
588	0000	-936	37.9819	81.7174	PPK	1.2	0.5 ---	7.5	0.45 ---	0.07 --	6.44 +	1641.	46.	20.
589	0000	-933	37.9819	81.7168	PPK	1.2	0.6 --	7.5	0.49 ---	0.08 --	6.23 +	1666.	46.	19.
590	0000	-930	37.9819	81.7164	PPK	1.2	0.9 -	7.3	0.74 -	0.12 -	6.20	1673.	45.	17.
591	0000	-931	37.9819	81.7159	PPK	1.2	1.1	7.1	0.92 -	0.16 -	5.80	1670.	45.	16.
592	0000	-929	37.9819	81.7154	PPK	1.2	1.3	6.5	1.03	0.20	5.23	1665.	44.	15.
593	0000	-923	37.9819	81.7148	PPK	1.3	1.3	6.2	1.03	0.21	4.90	1654.	44.	13.
594	0000	-922	37.9819	81.7143	PPK	1.2	1.5	5.6	1.19	0.26	4.48 -	1634.	41.	12.
595	0000	-922	37.9819	81.7138	PPK	1.2	1.5	5.6	1.25	0.27	4.69	1616.	41.	11.
596	0000	-919	37.9819	81.7133	PPK	1.1	1.4	5.9	1.25	0.24	5.15	1598.	40.	11.
597	0000	-917	37.9819	81.7129	PPK	1.2	1.3	5.8	1.14	0.23	5.06	1574.	40.	10.
598	0000	-915	37.9819	81.7124	PPK	1.1	1.3	5.7	1.17	0.23	5.19	1546.	41.	10.
599	0000	-914	37.9819	81.7119	PPK	1.1	1.3	5.5	1.25	0.24	5.13	1503.	40.	10.
600	0000	-913	37.9819	81.7114	PPK	1.0	1.3	5.4	1.29	0.24	5.31	1442.	42.	9.
601	0000	-910	37.9819	81.7108	PPK	0.9	1.3	5.3	1.41	0.25	5.62	1368.	42.	9.
602	0000	-909	37.9819	81.7103	PPK	0.9	1.2	5.0	1.32	0.23	5.63	1295.	42.	9.
603	0000	-909	37.9818	81.7099	PPA-1	0.9	1.2	4.2	1.33	0.28	4.79 -	1230.	48.	9.
604	0000	-907	37.9818	81.7094	PPA-1	0.8	1.4	4.3	1.77	0.34	5.25	1188.	49.	7.
605	0000	-905	37.9818	81.7089	PPA-1	0.7	1.6	4.1	2.14	0.39 +	5.53	1139.	49.	6.
606	0000	-905	37.9818	81.7084	PPA-1	0.7	1.5	3.9	2.30 +	0.40 +	5.79	1090.	50.	6.
607	0000	-902	37.9818	81.7079	PPA-1	0.6 -	1.7	3.5 -	2.78 +	0.48 ++	5.81	1056.	47.	6.
608	0000	-901	37.9818	81.7073	PPA-1	0.6 -	1.6	3.3 -	2.76 +	0.49 ++	5.60	1009.	51.	6.
609	0000	-903	37.9818	81.7068	PPA-1	0.6 -	1.5	3.2 -	2.67 +	0.48 ++	5.60	978.	51.	5.
610	0000	-899	37.9818	81.7064	PPA-1	0.5 -	1.4	3.3 -	2.92 +	0.43 +	6.81 +	949.	48.	6.
611	0000	-895	37.9818	81.7059	PPA-1	0.5 --	1.1	3.3 -	2.40 +	0.35	6.89 +	911.	47.	7.
612	0000	-897	37.9818	81.7054	PPA-1	0.5 -	1.0	3.4 -	1.98	0.30	6.62	887.	47.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-897	37.9818	81.7049	PPK	0.5 --	1.0 -	3.5 -	1.95 +	0.28	6.99 +	888.	47.	7.
614	0000	-893	37.9818	81.7044	PPK	0.6 --	1.0 -	3.5 -	1.72	0.27	6.37 +	888.	49.	7.
615	0000	-892	37.9818	81.7039	PPK	0.6 --	0.9 -	3.8 -	1.49	0.23	6.40 +	917.	46.	9.
616	0000	-891	37.9817	81.7034	PPK	0.6 --	1.0 -	4.2 -	1.53	0.23	6.67 +	956.	44.	9.
617	0000	-889	37.9817	81.7029	PPK	0.7 -	0.9 -	4.3 -	1.28	0.21	6.05	999.	45.	10.
618	0000	-887	37.9817	81.7023	PPK	0.8 -	0.9 -	4.5 -	1.25	0.21	5.94	1059.	46.	11.
619	0000	-886	37.9817	81.7019	PPK	0.8 -	0.9 -	4.4 -	1.12	0.20	5.57	1118.	46.	14.
620	0000	-886	37.9817	81.7014	PPK	0.9	0.7 --	4.3 -	0.84 -	0.18 -	4.80	1172.	47.	15.
621	0000	-886	37.9817	81.7009	PPK	0.9	0.6 --	4.7	0.65 --	0.12 -	5.21	1222.	46.	16.
622	0000	-885	37.9818	81.7004	PPK	1.0	0.5 --	4.8	0.55 --	0.11 -	4.90	1272.	45.	17.
623	0000	-884	37.9817	81.6999	PPK	1.0	0.4 ---	4.[illegible]	0.42 ---	0.09 --	4.76	1303.	46.	18.
624	0010	-882	37.9817	81.6994	PPK	1.0	0.4 N.A.	4.[illegible]	0.39 N.A.	0.08 N.A.	4.78	1341.	44.	19.
625	0010	-879	37.9817	81.6989	PPK	1.1	0.4 N.A.	5.[illegible]	0.38 N.A.	0.08 N.A.	4.69	1360.	41.	19.
626	0000	-878	37.9817	81.6984	PPK	1.1	0.5 --	5.4	0.50 ---	0.10 --	4.93	1387.	39.	17.
627	0000	-876	37.9817	81.6979	PPK	1.0	0.9 -	5.9	0.90 -	0.16 -	5.68	1405.	38.	15.
628	0000	-872	37.9817	81.6974	PPK	1.0	1.3	5.9	1.23	0.22	5.73	1436.	38.	13.
629	0000	-869	37.9817	81.6969	PPK	1.0	1.5	6.0	1.48	0.24	6.07	1447.	39.	10.
630	0000	-867	37.9817	81.6964	PPK	1.0	1.8	5.9	1.77	0.30	5.89	1463.	39.	8.
631	0000	-864	37.9817	81.6959	PPK	1.0	2.2 +	6.0	2.31 +	0.37 +	6.28 +	1485.	39.	6.
632	0000	-864	37.9817	81.6954	PPK	1.0	2.5 +	6.2	2.61 +	0.41 +	6.44 +	1523.	41.	4.
633	0000	-862	37.9817	81.6949	PPA-1	1.0	2.8 +++	5.4 +	2.94 +	0.44 +	6.71 +	1552.	41.	3.
634	0000	-857	37.9817	81.6944	PPA-1	1.0	2.6 ++	6.3 +	2.49 +	0.41 +	6.08	1582.	42.	3.
635	0000	-854	37.9817	81.6939	PPA-1	1.1 +	2.6 +++	6.3 +	2.48 +	0.42 +	5.93	1618.	41.	3.
636	0000	-852	37.9816	81.6935	PPA-1	1.1 +	2.5 +++	6.4 +	2.40 +	0.42 +	5.79	1665.	42.	4.
637	0000	-848	37.9816	81.6929	PPA-1	1.2 +	2.5 ++	6.7 +	2.14	0.37 +	5.83	1705.	41.	5.
638	0000	-844	37.9816	81.6924	PPK	1.2	2.4 +	6.9	1.94 +	0.34	5.65	1741.	39.	7.
639	0000	-841	37.9816	81.6919	PPK	1.2	2.1	7.0	1.71	0.30	5.76	1740.	39.	9.
640	0000	-839	37.9816	81.6914	PPK	1.3	1.6	7.1	1.29	0.23	5.62	1754.	39.	11.
641	0000	-837	37.9816	81.6909	PPK	1.3	1.5	7.2	1.14	0.20	5.60	1750.	38.	12.
642	0000	-836	37.9816	81.6905	PPK	1.3	1.2	7.0	0.95 -	0.18 -	5.36	1713.	40.	13.
643	0000	-834	37.9815	81.6899	PPK	1.3	1.2	6.8	0.92 -	0.17 -	5.33	1656.	39.	13.
644	0000	-833	37.9816	81.6894	PPK	1.2	1.2	6.6	0.98 -	0.18 -	5.58	1598.	41.	13.
645	0000	-831	37.9816	81.6889	PPK	1.1	0.9 -	6.7	0.80 -	0.14 -	5.90	1533.	42.	13.
646	0000	-829	37.9816	81.6884	PPK	1.1	1.0 -	6.3	0.90 -	0.16 -	5.54	1489.	42.	11.
647	0000	-828	37.9816	81.6879	PPK	1.1	1.2	5.9	1.08	0.20	5.51	1431.	42.	10.
648	0000	-827	37.9816	81.68[illegible]	PPK	1.0	1.4	5.7	1.37	0.24	5.69	1386.	43.	8.
649	0000	-825	37.9815	81.6870	PPK	1.0	1.3	5.9	1.26	0.22	5.81	1347.	44.	7.
650	0000	-823	37.9815	81.6865	PPK	1.0	1.4	5.9	1.43	0.23	6.11	1316.	44.	5.
651	0000	-822	37.9815	81.6860	PPK	0.9	1.5	5.6	1.60	0.27	5.95	1284.	44.	4.
652	0000	-820	37.9816	81.6854	PPK	0.9	1.6	5.3	1.76	0.31	5.76	1251.	45.	3.
653	0000	-819	37.9816	81.6849	PPK	0.9	1.5	5.2	1.71	0.28	6.09	1214.	47.	3.
654	0000	-817	37.9816	81.6844	PPK	0.8 -	1.4	5.0	1.75	0.29	6.11	1161.	46.	3.
655	0000	-815	37.9816	81.6840	PPK	0.8 -	1.3	4.8	1.74	0.28	6.17	1119.	48.	3.
656	0000	-815	37.9815	81.6834	PPK	0.7 -	1.6	4.3 -	2.17 +	0.36 +	6.03	1094.	47.	3.
657	0000	-814	37.9815	81.6830	PPK	0.7 -	1.3	4.3 -	1.75	0.30	5.84	1080.	49.	4.
658	0000	-811	37.9815	81.6825	PPK	0.8 -	1.1	4.4 -	1.43	0.25	5.73	1071.	49.	5.
659	0000	-810	37.9815	81.6820	PPK	0.8 -	1.0 -	4.2 -	1.35	0.25	5.50	1064.	48.	6.
660	0000	-811	37.9815	81.6814	PPK	0.8 -	1.1	4.2 -	1.47	0.27	5.42	1052.	47.	7.
661	0000	-811	37.9815	81.6809	PPA-1	0.8	1.1	3.9	1.40	0.27	5.25	1052.	48.	8.
662	0000	-809	37.9815	81.6804	PPA-1	0.7	1.1	3.9	1.57	0.29	5.33	1038.	47.	8.
663	0000	-806	37.9815	81.6799	PPA-1	0.7	1.1	4.0	1.59	0.28	5.64	1009.	47.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	MAG TAGS	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	T	T / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-805	37.9815	81.6795	PPA-1	0.6	1.2	3.8	1.91	0.38	5.84		984.	47.	8.
665	0000	-805	37.9815	81.6790	PPA-1	0.6 -	1.2	3.4 -	2.11	0.38	5.81		945.	47.	7.
666	0000	-804	37.9815	81.6785	PPA-1	0.6 -	1.1	3.5 -	1.94	0.30	5.75		909.	48.	7.
667	0000	-800	37.9815	81.6780	PPA-1	0.5 -	1.0	3.3 -	1.79	0.30	5.69		879.	47.	6.
668	0000	-798	37.9815	81.6774	PPA-1	0.5 -	1.1	3.4 -	2.03	0.31	5.64		860.	48.	6.
669	0000	-799	37.9814	81.6769	PPA-1	0.5 -	0.9 -	3.4 -	1.67	0.25	5.45		950.	48.	6.
670	0000	-797	37.9814	81.6765	PPA-1	0.5 -	0.8 -	3.5 -	1.51	0.22	6.83	+	859.	47.	7.
671	0000	-795	37.9814	81.6759	PPA-1	0.5 -	0.8 -	3.3 -	1.41	0.23	6.01		870.	47.	8.
672	0000	-794	37.9814	81.6755	PPA-1	0.6 -	0.8 -	3.4 -	1.42	0.24	5.91		900.	45.	9.
673	0000	-793	37.9814	81.6750	PPA-1	0.6 -	0.9 -	3.5 -	1.49	0.26	5.85		916.	45.	10.
674	0000	-792	37.9814	81.6745	PPA-1	0.6 -	0.8 -	3.6 -	1.40	0.24	5.91		931.	48.	10.
675	0000	-792	37.9814	81.6740	PPA-1	0.6 -	0.7 -	3.5 -	1.06 -	0.18 -	5.82		944.	47.	12.
676	0000	-790	37.9814	81.6735	PPA-1	0.6 -	0.6 -	3.7 -	1.06 -	0.17 -	6.17		942.	46.	13.
677	0000	-785	37.9814	81.6730	PPA-1	0.6 -	0.6 -	3.6 -	1.06 -	0.17 -	6.25		923.	47.	14.
678	0000	-783	37.9814	81.6725	PPA-1	0.5 -	0.7 -	3.7 -	1.29	0.18 -	7.14	+	904.	46.	14.
679	0000	-782	37.9814	81.6720	PPA-1	0.5 -	0.7 -	3.7 -	1.36	0.19 -	7.30	+	893.	48.	14.
680	0000	-779	37.9814	81.6715	PPA-1	0.5 -	0.6 -	3.6 -	1.12	0.16 -	6.89	+	883.	48.	14.
681	0000	-776	37.9814	81.6710	PPA-1	0.5 -	0.6 -	3.5 -	1.21	0.18 -	6.91	+	876.	45.	15.
682	0000	-775	37.9813	81.6705	PPA-1	0.5 -	0.7 -	3.5 -	1.26	0.19 -	6.80	+	870.	47.	14.
683	0000	-773	37.9814	81.6700	PPA-1	0.5 -	0.6 -	3.4 -	1.23	0.18 -	6.66		870.	48.	14.
684	0000	-771	37.9814	81.6695	PPA-1	0.5 -	0.6 -	3.5 -	1.05 -	0.16 -	6.47		888.	48.	14.
685	0000	-769	37.9814	81.6690	PPA-1	0.6 -	0.5 -	3.6 -	0.93 -	0.15 -	6.09		902.	49.	13.
686	0010	-768	37.9814	81.6685	PPA-1	0.6 -	0.3 N.A.	3.4 -	0.43 N.A.	0.08 N.A.	5.55		897.	47.	14.
687	0000	-766	37.9814	81.6680	PPA-1	0.6 -	0.4 --	3.4 -	0.58 --	0.12 -	5.45		900.	48.	14.
688	0000	-762	37.9814	81.6675	PPA-1	0.6	0.4 --	3.5 -	0.71 --	0.13 -	5.57		922.	46.	14.
689	0000	-760	37.9813	81.6670	PPA-1	0.6 -	0.7 -	3.5 -	1.20	0.21	5.72		947.	44.	13.
690	0000	-759	37.9813	81.6665	PPA-1	0.7	0.6 -	3.5 -	0.98 -	0.18 -	5.54		990.	45.	14.
691	0000	-756	37.9813	81.6660	PPA-1	0.7	0.7 -	3.6 -	0.98 -	0.18 -	5.45		1011.	44.	14.
692	0000	-754	37.9813	81.6655	PPA-1	0.6	0.7 -	3.5 -	1.09 -	0.20	5.39		1012.	44.	15.
693	0000	-751	37.9813	81.6650	PPA-1	0.6 -	0.8 -	3.7 -	1.28	0.21	6.23		1003.	45.	14.
694	0000	-748	37.9813	81.6646	PPA-1	0.6 -	0.6 -	3.7 -	1.09 -	0.17 -	6.26		995.	45.	14.
695	0000	-746	37.9812	81.6640	PPA-1	0.6 -	0.7 -	3.9	1.10 -	0.17 -	6.42		1008.	48.	13.
696	0010	-743	37.9812	81.6635	PPA-1	0.7	0.4 N.A.	4.2	0.58 N.A.	0.10 N.A.	6.10		1040.	48.	13.
697	0000	-740	37.9813	81.6630	PPK	0.7 -	0.6 --	4.2 -	0.90 -	0.15 -	5.95		1062.	47.	12.
698	0000	-738	37.9813	81.6625	PPK	0.9	0.9 -	4.4 -	1.01	0.20	5.13		1115.	49.	11.
699	0000	-734	37.9813	81.6620	PPK	1.0	0.7 --	4.6 -	0.70 --	0.15 -	4.63	-	1200.	49.	10.
700	0000	-731	37.9813	81.6615	PPK	1.1	1.1	4.6 -	1.07	0.25	4.30	-	1270.	50.	9.
701	0000	-730	37.9813	81.6610	PPK	1.1	1.2	5.0	1.11	0.25	4.46	-	1321.	48.	9.
702	0000	-727	37.9812	81.6605	PPK	1.1	1.3	4.9	1.14	0.26	4.42	-	1306.	48.	8.
703	0000	-725	37.9812	81.6601	PPK	1.0	1.4	4.5 -	1.32	0.31	4.30	-	1251.	48.	8.
704	0000	-723	37.9812	81.6595	PPK	1.0	1.4	4.0 -	1.41	0.34	4.16	-	1177.	48.	7.
705	0000	-721	37.9812	81.6590	PPK	0.8 -	1.1	3.8 -	1.44	0.30	4.88		1080.	47.	7.
706	0000	-718	37.9812	81.6585	PPK	0.7 -	1.2	3.7 -	1.77	0.32	5.51		967.	49.	7.
707	0000	-716	37.9812	81.6580	PPK	0.6 --	1.0 -	3.4 -	1.86	0.31	6.06		898.	49.	7.
708	0000	-713	37.9812	81.6575	PPK	0.5 ---	1.1 -	3.2 --	2.18 +	0.33	5.55	+	844.	52.	7.
709	0000	-712	37.9813	81.6571	PPA-1	0.5 -	1.0	3.4 -	2.03	0.29	7.05	+	845.	52.	6.
710	0000	-712	37.9812	81.6566	PPA-1	0.5 -	1.2	3.7 -	2.39 +	0.32	7.48	+	886.	52.	6.
711	0000	-708	37.9812	81.6561	PPA-1	0.6 -	1.0	4.6	1.78	0.22	7.81	++	970.	49.	5.
712	0000	-705	37.9812	81.6555	PPA-1	0.7	1.2	4.8	1.78	0.25	7.24	+	1077.	50.	7.
713	0000	-704	37.9812	81.6550	PPA-1	0.7	1.3	5.8	1.71	0.22	7.83	++	1223.	47.	8.
714	0000	-701	37.9812	81.6545	PPA-1	0.9	1.2	6.2 +	1.29	0.19 -	6.89	+	1362.	46.	8.

VALUES AND STATISTICAL SIGNIFICANCE

CP6 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-699	37.9812	81.6540	PPA-1	1.0	1.2	6.5 +	1.13	0.18 -	5.41	1457.	47.	10.
716	1000	-698	37.9812	81.6535	PPA-1	1.1 +	1.1	6.6 +	0.99 -	0.17 -	5.80	1521.	46.	11.
717	1000	-696	37.9812	81.6531	PPA-1	1.2 +	1.0	6.5 +	0.89 -	0.16 -	5.67	1527.	48.	13.
718	0000	-693	37.9812	81.6526	PPA-1	1.1 +	1.2	6.0 +	1.06 -	0.19 -	5.49	1477.	51.	13.
719	0000	-690	37.9812	81.6521	PPA-1	1.0 +	0.8 -	5.7	0.76 --	0.14 -	5.41	1409.	51.	15.
720	0000	-686	37.9812	81.6516	PPA-1	1.0	0.7 -	4.8	0.69 --	0.14 -	4.75 -	1302.	51.	15.
721	0000	-684	37.9812	81.6510	PPA-1	0.9	0.5 -	4.6	0.53 ---	0.10 --	5.09	1167.	53.	15.
722	0000	-681	37.9811	81.6506	PPA-1	0.8	0.5 -	4.1	0.60 --	0.12 --	5.19	1076.	53.	15.
723	0010	-679	37.9811	81.6500	PPA-1	0.7	0.3 N.A.	3.8 -	0.49 N.A.	0.09 N.A.	5.51	994.	55.	14.
724	0010	-678	37.9811	81.6496	PPA-1	0.7	0.2 N.A.	3.4 -	0.30 N.A.	0.06 N.A.	5.26	948.	53.	14.
725	0010	-677	37.9811	81.6491	PPA-1	0.7	0.2 N.A.	3.6 -	0.31 N.A.	0.06 N.A.	5.42	955.	52.	13.
726	0000	-675	37.9811	81.6486	PPA-1	0.7	0.6 -	3.5 -	0.88 -	0.17 -	5.11	982.	53.	12.
727	0000	-673	37.9811	81.6480	PPA-1	0.7	0.7 -	4.0	0.99 -	0.18 -	5.46	1061.	52.	10.
728	0000	-672	37.9810	81.6476	PPA-1	0.8	1.2	4.5	1.50	0.27	5.53	1188.	50.	9.
729	0000	-671	37.9811	81.6470	PPA-1	0.9	1.7	4.6	1.93	0.37 +	5.17	1311.	48.	9.
730	0000	-668	37.9811	81.6466	PPA-1	1.0	2.0 +	5.0	1.99	0.40 +	5.02 -	1423.	46.	8.
731	0000	-666	37.9811	81.6460	PPA-1	1.0	2.1 +	5.5	2.05	0.38 +	5.32	1495.	50.	7.
732	0000	-665	37.9811	81.6456	PPA-1	1.0	2.3 ++	5.7	2.17	0.39 +	5.52	1543.	49.	7.
733	0000	-662	37.9811	81.6451	PPA-1	1.0	2.1 +	5.8 ++	1.96	0.35	5.57	1542.	48.	8.
734	0000	-658	37.9811	81.6446	PPK	1.0	1.9	5.6	2.02 +	0.34	5.89	1455.	49.	8.
735	0000	-652	37.9810	81.6440	PPK	0.9	1.7	5.0	1.94 +	0.33	5.83	1325.	52.	9.
736	0000	-645	37.9810	81.6436	PPK	0.8 -	1.1	5.1	1.36	0.21	6.46 +	1209.	51.	9.
737	0000	-642	37.9810	81.6431	PPK	0.7 -	1.0 -	4.9	1.46	0.21	7.00 +	1101.	50.	8.
738	0000	-642	37.9810	81.6426	PPK	0.7 -	0.9 -	4.8	1.32	0.19	6.92 +	1035.	49.	7.
739	0000	-641	37.9810	81.6421	PPK	0.7 -	0.7 --	4.7	1.04	0.16 -	6.66 +	985.	49.	7.
740	0000	-640	37.9810	81.6416	PPK	0.7 -	0.6 --	5.2	0.94 -	0.12 -	7.57 ++	965.	51.	6.
741	0000	-640	37.9810	81.6411	PPK	0.7 -	0.9 -	5.1	1.25	0.17 -	7.25 ++	980.	52.	5.
742	0000	-640	37.9810	81.6406	PPA-1	0.7	0.9 -	5.3	1.16	0.16 -	7.19 +	1018.	50.	5.
743	0000	-639	37.9810	81.6401	PPA-1	0.8	1.0	5.3	1.24	0.19 -	6.49	1037.	53.	4.
744	0000	-639	37.9810	81.6396	PPA-1	0.8	1.1	5.4	1.38	0.21	6.47	1093.	53.	4.
745	0000	-636	37.9810	81.6391	PPA-1	0.9	1.3	5.4	1.45	0.23	6.27	1139.	54.	4.
746	0000	-632	37.9810	81.6385	PPA-1	0.8	1.2	5.3	1.48	0.24	6.27	1158.	55.	5.
747	0000	-630	37.9810	81.6382	PPA-1	0.8	1.4	5.1	1.63	0.27	5.98	1169.	54.	5.
748	0000	-628	37.9810	81.6376	PPA-1	0.9	1.2	5.0	1.39	0.24	5.73	1174.	52.	6.
749	0000	-626	37.9810	81.6371	PPA-1	0.9	1.1	5.0	1.25	0.22	5.73	1159.	51.	6.
750	0000	-624	37.9810	81.6366	PPA-1	0.8	1.0	4.8	1.25	0.22	5.77	1163.	49.	7.
751	0000	-621	37.9810	81.6361	PPK	0.8 -	0.8 -	4.7	0.93 -	0.17 -	5.62	1143.	49.	9.
752	0000	-619	37.9810	81.6356	PPK	0.8 -	0.7 --	4.6 -	0.90 -	0.16 -	5.78	1131.	48.	9.
753	0000	-618	37.9810	81.6351	PPK	0.8 -	0.7 --	4.6 -	0.82 -	0.14 -	5.63	1141.	49.	10.
754	0000	-616	37.9810	81.6347	PPK	0.9	0.8 -	4.5 -	0.93 -	0.18 -	5.05	1182.	50.	11.
755	0000	-613	37.9809	81.6341	PPK	0.9	1.0 -	4.9	1.03	0.20	5.25	1246.	49.	10.
756	0000	-611	37.9809	81.6336	PPK	0.9	1.3	4.8	1.37	0.27	5.14	1339.	49.	11.
757	0000	-610	37.9809	81.6331	PPK	1.0	1.4	5.4	1.46	0.26	5.57	1408.	49.	11.
758	0000	-609	37.9809	81.6326	PPK	1.1	1.7	5.7	1.62	0.30	5.37	1524.	49.	9.
759	0000	-609	37.9809	81.6321	PPK	1.1	2.1	6.0	1.91	0.35 +	5.37	1630.	47.	7.
760	1000	-608	37.9809	81.6316	PPK	1.1	2.5 +	6.1	2.25 +	0.41 +	5.45	1670.	49.	5.
761	1000	-606	37.9809	81.6312	PPK	1.2	2.6 +	6.4	2.23 +	0.40 +	5.57	1702.	47.	4.
762	1000	-603	37.9809	81.6306	PPK	1.1	2.6 +	6.2	2.27 +	0.42 +	5.42	1674.	49.	4.
763	0000	-599	37.9809	81.6300	PPK	1.1	2.5 +	6.1	2.26 +	0.41 +	5.55	1610.	49.	2.
764	0000	-597	37.9809	81.6294	PPK	1.1	2.5 +	5.8	2.29 +	0.44 ++	5.22	1562.	48.	1.
765	0000	-596	37.9809	81.6289	PPK	1.0	2.5 +	5.4	2.54 +	0.47 ++	5.44	1446.	47.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-594	37.9809	81.6283		PPK	0.9	2.3 +	4.9	2.49 +	0.46 ++	5.38	1300.	49.	0.
767	0000	-591	37.9809	81.6277		PPK	0.9	1.8	4.4 -	2.01 +	0.40 +	5.07	1205.	48.	1.
768	0000	-589	37.9809	81.6271		PPK	0.8 -	1.6	4.1 -	2.19 +	0.40 +	5.46	1096.	50.	2.
769	0000	-587	37.9809	81.6265		PPK	0.7 -	1.5	4.0 -	2.20 +	0.38 +	5.77	1040.	51.	3.
770	0000	-587	37.9809	81.6259		PPK	0.7 -	1.3	3.8 -	1.88	0.35 +	5.35	1009.	53.	4.
771	0000	-586	37.9809	81.6254		PPK	0.7 -	1.2	3.9 -	1.83	0.32	5.71	977.	54.	5.
772	0000	-584	37.9809	81.6248		PPK	0.6 --	1.1	3.7 -	1.75	0.30	5.84	957.	56.	7.
773	0000	-581	37.9809	81.6242		PPK	0.7 -	0.8 -	4.0 -	1.23	0.2	5.83	989.	57.	9.
774	0000	-580	37.9809	81.6236		PPK	0.7 -	1.0 -	4.8	1.49	0.22	6.88 +	1045.	55.	9.
775	0000	-580	37.9809	81.6230		PPK	0.8 -	0.9 -	5.4	1.12	0.16 -	6.84 +	1139.	54.	10.
776	0000	-578	37.9809	81.6225		PPK	0.9	1.0 -	5.5	1.07	0.17 -	6.21	1205.	52.	10.
777	0000	-575	37.9809	81.6219		PPK	0.9	1.0 -	6.3	1.09	0.16 -	6.97 +	1252.	50.	10.
778	0000	-573	37.9809	81.6213		PPK	0.9	0.9 -	6.5	0.93 -	0.13 -	6.94 +	1292.	49.	9.
779	0000	-572	37.9808	81.6207		PPK	1.0	1.0 -	6.8	0.99 -	0.14 -	7.04 +	1305.	49.	8.
780	0000	-568	37.9808	81.6201		PPK	0.9	1.1	6.4	1.22	0.18 -	6.96 +	1285.	49.	6.
781	0000	-567	37.9808	81.6196		PPK	0.9	1.1	5.7	1.24	0.20	6.32 +	1243.	49.	6.
782	0000	-567	37.9808	81.6190		PPK	0.8 -	1.2	4.9	1.52	0.25	6.13	1143.	49.	4.
783	0000	-565	37.9808	81.6184		PPK	0.7 -	1.2	4.5 -	1.76	0.27	6.42 +	1044.	49.	3.
784	0000	-564	37.9808	81.6178		PPK	0.6 --	1.3	3.6 -	2.08 +	0.37 +	5.68	974.	51.	3.
785	0000	-563	37.9808	81.6172		PPK	0.5 --	1.4	3.4 -	2.49 +	0.40 +	6.20	923.	52.	3.
786	0000	-562	37.9808	81.6166		PPK	0.5 --	1.2	3.2 --	2.12 +	0.36 +	5.88	898.	52.	4.
787	0000	-562	37.9808	81.6161		PPK	0.5 --	1.3	3.6 -	2.52 +	0.35 +	7.16 +	906.	51.	4.
788	0000	-561	37.9808	81.6155		PPK	0.5 --	1.1	3.6 -	2.03 +	0.31	6.55 +	924.	51.	5.
789	0000	-560	37.9808	81.6149		PPK	0.6 --	1.1	3.8 -	1.78	0.29	6.15	981.	50.	6.
790	0000	-558	37.9808	81.6144		PPK	0.7 -	1.1 -	4.2 -	1.49	0.25	5.91	1075.	49.	6.
791	0000	-555	37.9808	81.6138		PPK	0.8 -	1.0 -	4.5 -	1.31	0.23	5.68	1144.	48.	7.
792	0000	-553	37.9808	81.6132		PPK	0.8 -	1.3	4.4 -	1.62	0.30	5.35	1185.	47.	7.
793	0000	-554	37.9808	81.6126		PPK	0.9	1.5	4.5 -	1.71	0.33	5.24	1210.	46.	8.
794	0000	-550	37.9808	81.6121		PPK	0.9	1.1	4.4 -	1.21	0.25	4.81	1199.	46.	9.
795	0000	-547	37.9808	81.6115		PPK	0.9	1.1 -	4.8	1.16	0.22	5.16	1199.	46.	10.
796	0000	-547	37.9807	81.6109		PPK	0.9	0.8 -	4.8	0.91 -	0.17 -	5.28	1205.	46.	10.
797	0000	-544	37.9807	81.6104		PPK	0.9	0.5 --	5.2	0.60 --	0.10 --	5.83	1204.	47.	11.
798	0000	-540	37.9807	81.6097		PPK	0.9	0.5 ---	5.3	0.56 --	0.09 --	5.96	1213.	49.	10.
799	0010	-538	37.9807	81.6092		PPK	0.9	0.3 N.A.	5.5	0.27 N.A.	0.05 N.A.	5.95	1210.	49.	10.
800	0010	-536	37.9807	81.6086		PPK	0.9	0.1 N.A.	5.5	0.09 N.A.	0.02 N.A.	5.97	1207.	49.	11.
801	0010	-535	37.9807	81.6080		PPK	0.9	0.3 N.A.	5.5	0.31 N.A.	0.05 N.A.	5.99	1204.	50.	10.
802	0000	-534	37.9807	81.6074		PPK	0.8	0.6 --	5.1	0.66 --	0.11 -	6.03	1175.	50.	9.
803	0000	-532	37.9807	81.6069		PPK	0.8 -	0.7 --	4.7	0.91 -	0.16 -	5.72	1121.	51.	9.
804	0000	-528	37.9807	81.6063		PPK	0.8 -	1.0 -	4.2 -	1.27	0.24	5.29	1075.	52.	7.
805	0000	-526	37.9807	81.6057		PPK	0.8 -	0.9 -	4.2 -	1.17	0.22	5.31	1045.	49.	7.
806	0000	-526	37.9807	81.6051		PPK	0.8 -	1.0 -	4.5 -	1.23	0.22	5.70	1055.	51.	6.
807	0000	-523	37.9807	81.6046		PPK	0.8 -	1.3	4.9	1.73	0.27	6.34 +	1111.	49.	6.
808	0000	-520	37.9807	81.6040		PPK	0.9	1.3	5.0	1.48	0.26	5.68	1193.	49.	7.
809	0000	-520	37.9807	81.6033		PPK	1.0	1.2	5.2	1.30	0.24	5.44	1259.	47.	7.
810	0000	-518	37.9807	81.6028		PPK	1.0	1.3	5.5	1.30	0.24	5.52	1310.	45.	7.
811	0000	-516	37.9807	81.6022		PPK	1.0	1.2	5.4	1.15	0.22	5.29	1325.	44.	9.
812	0000	-514	37.9807	81.6017		PPK	1.0	1.3	5.2	1.23	0.24	5.13	1315.	44.	9.
813	0000	-512	37.9807	81.6010		PPK	1.0	1.3	4.7	1.31	0.28	4.72	1295.	43.	10.
814	0000	-510	37.9807	81.6005		PPK	1.0	1.0 -	4.4 -	1.01	0.23	4.35 -	1242.	45.	11.
815	0000	-507	37.9807	81.5999		PPK	0.9	0.8 -	4.5 -	0.91 -	0.18 -	4.95	1184.	45.	11.
816	0000	-506	37.9807	81.5993		PPK	0.9	0.6 --	4.7	0.59 --	0.12 -	4.93	1159.	46.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-506	37.9807	81.5987		PPK	0.9	0.5 ---	5.0	0.53 --	0.10 --	5.27	1181.	45.	12.
818	0000	-503	37.9807	81.5982		PPK	0.9	0.8 -	5.1	0.90 -	0.15 -	5.78	1197.	45.	11.
819	0000	-499	37.9807	81.5976		PPK	0.9	0.8 -	5.3	0.93 -	0.15 -	6.19	1208.	45.	11.
820	0000	-497	37.9807	81.5971		PPK	0.9	0.8 -	5.3	0.88 -	0.15 -	6.01	1210.	46.	10.
821	0000	-497	37.9807	81.5965		PPK	0.9	0.8 -	5.4	0.88 -	0.15 -	6.02	1221.	46.	9.
822	0000	-496	37.9807	81.5959		PPK	0.9	1.1 -	5.3	1.15	0.20	5.71	1245.	46.	8.
823	0000	-494	37.9807	81.5953		PPK	0.9	1.4	5.1	1.61	0.28	5.78	1260.	49.	6.
824	0000	-493	37.9807	81.5947		PPK	0.8 -	1.6	4.7	2.00 +	0.35	5.81	1241.	52.	5.
825	0000	-493	37.9807	81.5942		PPK	0.8 -	1.5	4.8	1.79	0.31	5.70	1235.	52.	5.
826	0000	-490	37.9807	81.5936		PPK	0.8 -	1.7	4.6 -	1.98 +	0.36 +	5.44	1250.	53.	4.
827	0000	-487	37.9807	81.5930		PPK	0.8	1.7	4.8	2.05 +	0.36 +	5.65	1268.	54.	4.
828	0000	-486	37.9807	81.5924		PPK	0.8 -	1.9	4.5 -	2.31 +	0.42 +	5.53	1260.	52.	4.
829	0000	-485	37.9807	81.5918		PPK	0.8 -	1.8	4.2 -	2.38 +	0.44 ++	5.41	1214.	53.	4.
830	0000	-483	37.9807	81.5913		PPK	0.8 -	1.6	4.2 -	2.11 +	0.39 +	5.44	1176.	51.	3.
831	0000	-481	37.9806	81.5907		PPK	0.8 -	1.4	4.0 -	1.62	0.34	4.80	1150.	49.	3.
832	0000	-479	37.9806	81.5901		PPK	0.9	1.3	4.0 -	1.49	0.32	4.59 -	1133.	50.	4.
833	0000	-477	37.9806	81.5895		PPK	0.8 -	1.3	3.8 -	1.61	0.35 +	4.57 -	1105.	51.	4.
834	0000	-475	37.9806	81.5889		PPK	0.8 -	1.6	3.7 -	1.97 +	0.44 ++	4.49 -	1121.	49.	5.
835	0000	-473	37.9806	81.5883		PPK	0.8	1.5	3.7 -	1.82	0.41 +	4.43 -	1150.	52.	5.
836	0000	-471	37.9806	81.5878		PPK	0.9	1.6	3.7 -	1.85	0.43 ++	4.25 -	1180.	51.	5.
837	0000	-468	37.9806	81.5872		PPK	0.8 -	1.5	3.8 -	1.77	0.39 +	4.54 -	1178.	50.	6.
838	0000	-465	37.9806	81.5866		PPK	0.8 -	1.5	3.9 -	1.93	0.39 +	4.93	1171.	52.	6.
839	0000	-463	37.9806	81.5860		PPK	0.8 -	1.6	3.8 -	2.05 +	0.42 +	4.88	1179.	52.	6.
840	0000	-462	37.9806	81.5854		PPK	0.9	1.3	4.4 -	1.44	0.29	4.92	1205.	50.	7.
841	0000	-459	37.9806	81.5849		PPK	0.9	0.8 -	4.6 -	0.90 -	0.18 -	4.98	1199.	51.	7.
842	0000	-457	37.9806	81.5843		PPK	0.9	1.0 -	4.4 -	1.09	0.23	4.72	1199.	50.	7.
843	0000	-455	37.9806	81.5837		PPK	0.9	1.0 -	4.8	1.04	0.20	5.09	1212.	48.	7.
844	0000	-451	37.9806	81.5831		PPK	1.0	1.1	4.6 -	1.16	0.25	4.72	1233.	48.	6.
845	0000	-449	37.9806	81.5825		PPK	1.0	1.3	4.4 -	1.25	0.28	4.41 -	1232.	46.	5.
846	0000	-447	37.9806	81.5820		PPK	1.0	1.1	4.4 -	1.13	0.25	4.44 -	1200.	46.	5.
847	0000	-445	37.9806	81.5814		PPK	0.9	1.3	3.9 -	1.52	0.34	4.48 -	1155.	47.	4.
848	0000	-446	37.9806	81.5809		PPK	0.8 -	1.5	3.5 -	1.88	0.42 +	4.51 -	1085.	49.	3.
849	0000	-446	37.9805	81.5803		PPK	0.7 -	1.5	3.5 -	2.19 +	0.43 +	5.14	1017.	47.	2.
850	0000	-444	37.9805	81.5797		PPK	0.6 --	1.6	3.2 --	2.46 +	0.49 ++	5.05	952.	48.	1.
851	0000	-440	37.9805	81.5791		PPK	0.6 --	1.6	3.2 --	2.78 ++	0.50 ++	5.57	922.	47.	1.
852	0000	-438	37.9805	81.5786		PPK	0.5 --	1.5	3.4 -	2.83 ++	0.45 ++	6.35 +	929.	48.	1.
853	0000	-438	37.9805	81.5780		PPK	0.6 --	1.6	3.4 -	2.89 ++	0.48 ++	5.97	954.	49.	1.
854	0000	-436	37.9805	81.5774		PPK	0.6 --	1.7	3.5 -	3.05 ++	0.48 ++	6.30 +	967.	49.	1.
855	0000	-435	37.9805	81.5768		PPK	0.6 --	1.7	3.4 -	2.82 ++	0.49 ++	5.81	977.	49.	1.
856	0000	-435	37.9805	81.5762		PPK	0.6 --	1.6	3.5 -	2.50 +	0.45 ++	5.61	985.	50.	1.
857	0000	-432	37.9805	81.5757		PPK	0.7 -	1.6	3.6 -	2.42 +	0.44 ++	5.48	1008.	50.	1.
858	0000	-431	37.9805	81.5750		PPK	0.7 -	1.6	3.7	2.34 +	0.44 ++	5.38	1013.	51.	2.
859	0000	-429	37.9805	81.5745		PPA-1	0.7	1.7	3.7 -	2.49 +	0.45 ++	5.55	995.	51.	2.
860	0000	-426	37.9805	81.5739		PPA-1	0.7	1.6	3.9	2.40 +	0.40 +	5.96	980.	49.	2.
861	0000	-423	37.9805	81.5733		PPA-1	0.7	1.4	4.2	2.01	0.34	5.94	1011.	48.	3.
862	0000	-421	37.9805	81.5727		PPA-1	0.8	1.5	4.3	1.88	0.36	5.27	1086.	45.	4.
863	0000	-420	37.9805	81.5722		PPA-1	0.9	1.3	4.6	1.44	0.28	5.20	1126.	46.	5.
864	0000	-419	37.9805	81.5716		PPA-1	0.9	1.0	4.8	1.10 -	0.21	5.20	1153.	47.	7.
865	0000	-415	37.9805	81.5710		PPA-1	1.0	1.0	4.8	1.03 -	0.22	4.79 -	1173.	48.	7.
866	0000	-413	37.9805	81.5704		PPA-1	1.0	0.9	4.9	0.89 -	0.19 -	4.72 -	1201.	48.	8.
867	0000	-414	37.9805	81.5699		PPA-1	1.0	1.0	4.7	0.97 -	0.21	4.64 -	1212.	47.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-412	37.9805	81.5692	PPA-1	1.0	1.0	4.6	0.99 -	0.22	4.57 -	1198.	48.	9.
869	0000	-409	37.9805	81.5687	PPA-1	0.9	0.8 -	4.9	0.85 -	0.16 -	5.44	1154.	51.	8.
870	0000	-409	37.9805	81.5681	PPA-1	0.9	0.9 -	5.0	1.04 -	0.18 -	5.88	1132.	51.	8.
871	0000	-406	37.9805	81.5675	PPA-1	0.9	1.0	5.1	1.20	0.20	6.01	1120.	52.	7.
872	0000	-403	37.9805	81.5670	PPK	0.8 -	0.9 -	5.4	1.19	0.17 -	6.89 +	1123.	50.	6.
873	0000	-402	37.9805	81.5664	PPK	0.8 -	1.0 -	5.2	1.26	0.19	6.72 +	1111.	50.	5.
874	0000	-400	37.9805	81.5658	PPK	0.7 -	1.0 -	5.3	1.33	0.19 -	7.12 +	1095.	50.	5.
875	0000	-399	37.9804	81.5652	PPK	0.7 -	1.0 -	4.9	1.40	0.21	6.56 +	1065.	50.	4.
876	0000	-399	37.9804	81.5646	PPK	0.8 -	1.1	4.5 -	1.44	0.24	5.97	1040.	48.	4.
877	0000	-396	37.9804	81.5641	PPK	0.8 -	1.0 -	4.2 -	1.36	0.24	5.60	1033.	45.	5.
878	0000	-393	37.9804	81.5635	PPK	0.7 -	1.1	3.8 -	1.56	0.29	5.28	1027.	45.	5.
879	0000	-391	37.9804	81.5630	PPK	0.8 -	1.0 -.	3.6 -	1.32	0.28	4.68 -	1018.	44.	6.
880	0000	-389	37.9804	81.5624	PPK	0.8 -	0.9 -	3.6 -	1.10	0.24	4.51 -	1031.	45.	8.
881	0000	-389	37.9805	81.5618	PPK	0.9	0.9 -	3.6 -	1.07	0.26	4.06 --	1097.	44.	9.
882	0000	-389	37.9805	81.5612	PPK	0.9	0.8 -	4.2 -	0.88 -	0.19	4.55 -	1153.	46.	10.
883	0000	-387	37.9804	81.5606	PPK	1.0	0.7 --	4.4 -	0.68 --	0.16 -	4.26 -	1220.	48.	11.
884	0000	-385	37.9804	81.5601	PPK	1.1	0.9 -	4.4 -	0.76 -	0.19	3.95 --	1285.	49.	10.
885	0000	-382	37.9804	81.5595	PPK	1.2	0.8 -	4.5 -	0.68 --	0.18 -	3.83 --	1356.	50.	10.
886	0000	-379	37.9804	81.5589	PPK	1.3	0.9 -	4.8	0.73 -	0.19	3.77 --	1433.	50.	9.
887	0000	-377	37.9804	81.5583	PPK	1.3	1.4	5.5	1.11	0.26	4.35 -	1521.	51.	7.
888	0000	-375	37.9804	81.5577	PPK	1.3	1.6	5.6	1.23	0.30	4.17 -	1580.	52.	6.
889	0000	-373	37.9804	81.5571	PPK	1.4	1.7	6.0	1.20	0.28	4.27 -	1673.	50.	5.
890	0000	-372	37.9804	81.5566	PPK	1.4	1.7	6.6	1.23	0.26	4.68 -	1752.	48.	4.
891	0000	-370	37.9804	81.5560	PPK	1.4	1.7	7.1	1.22	0.24	5.09	1800.	48.	4.
892	0000	-368	37.9804	81.5554	PPK	1.4	2.1	7.6 +	1.50	0.27	5.49	1844.	47.	3.
893	0000	-367	37.9804	81.5548	PPK	1.4	2.4 +	7.6 +	1.69	0.31	5.45	1899.	45.	4.
894	0000	-368	37.9804	81.5542	PPK	1.5 +	2.0	7.2	1.38	0.28	4.90	1898.	43.	6.
895	0000	-366	37.9804	81.5537	PPK	1.5 +	1.6	7.6 +	1.10	0.22	5.08	1873.	43.	7.
896	0000	-364	37.9804	81.5531	PPK	1.4 +	1.6	7.2	1.09	0.22	4.95	1804.	46.	9.
897	0000	-364	37.9804	81.5525	PPK	1.3	1.8	6.6	1.36	0.27	4.99	1740.	44.	10.
898	0000	-363	37.9804	81.5519	PPK	1.3	1.8	6.1	1.33	0.29	4.63 -	1686.	46.	10.
899	0000	-361	37.9804	81.5513	PPK	1.3	1.5	5.8	1.17	0.26	4.43 -	1613.	45.	10.
900	0000	-361	37.9804	81.5508	PPK	1.2	1.3	5.3	1.09	0.25	4.46 -	1505.	47.	9.
901	0000	-361	37.9803	81.5502	PPK	1.1	1.4	5.1	1.27	0.27	4.65 -	1419.	47.	7.
902	0000	-360	37.9803	81.5496	PPK	1.0	1.6	4.7	1.64	0.34	4.86	1349.	45.	6.
903	0000	-360	37.9803	81.5490	PPK	0.9	1.8	4.6 -	2.01 +	0.39 +	5.14	1297.	42.	4.
904	0000	-359	37.9803	81.5484	PPK	0.9	1.6	4.5 -	1.81	0.36 +	4.98	1231.	44.	3.
905	0000	-358	37.9803	81.5478	PPK	0.9	1.5	4.4 -	1.75	0.35	4.99	1186.	45.	3.
906	0000	-358	37.9803	81.5473	PPK	0.8 -	1.3	4.3 -	1.52	0.30	5.09	1135.	44.	4.
907	0000	-358	37.9803	81.5468	PPK	0.8 -	1.2	4.3 -	1.50	0.29	5.26	1087.	45.	5.
908	0000	-359	37.9803	81.5462	PPK	0.8 -	1.0 -	4.2 -	1.33	0.25	5.43	1062.	46.	6.
909	0000	-361	37.9803	81.5456	PPK	0.7 -	0.8 -	4.1 -	1.09	0.20	5.45	1037.	48.	8.
910	0000	-360	37.9803	81.5450	PPK	0.8 -	0.7 --	3.5 -	0.90 -	0.19	4.67 -	1024.	50.	9.
911	0000	-360	37.9803	81.5444	PPK	0.8 -	0.7 --	3.6 -	0.92 -	0.20	4.59 -	1037.	48.	10.
912	0000	-360	37.9803	81.5439	PPK	0.8 -	0.7 --	3.6 -	0.94 -	0.20	4.78	1046.	47.	10.
913	0000	-361	37.9803	81.5433	PPK	0.8 -	0.8 -	3.6 -	1.09	0.23	4.69	1081.	51.	10.
914	0000	-361	37.9803	81.5427	PPK	0.8 -	0.8 -	4.0 -	0.98 -	0.20	4.83	1147.	50.	9.
915	0000	-359	37.9803	81.5422	PPK	0.9	1.0 -	4.6 -	1.09	0.21	5.17	1219.	49.	8.
916	0000	-358	37.9803	81.5415	PPK	1.0	1.0 -	5.2	1.01	0.20	5.14	1305.	49.	7.
917	0000	-358	37.9803	81.5409	PPK	1.1	1.0 -	5.7	0.87 -	0.17 -	5.04	1398.	48.	7.
918	0000	-357	37.9803	81.5404	PPK	1.3	1.3	5.9	1.00	0.21	4.68 -	1513.	49.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-356	37.9803	81.5398		PPK	1.3	1.6	6.6	1.21	0.24	4.97	1605.	49.	7.
920	0000	-356	37.9803	81.5392		PPK	1.4	1.9	7.0	1.35	0.27	5.06	1672.	46.	7.
921	0000	-356	37.9803	81.5387		PPK	1.4	1.9	7.1	1.39	0.27	5.14	1690.	46.	8.
922	0000	-354	37.9803	81.5381		PPK	1.4	2.0	7.1	1.43	0.28	5.14	1690.	45.	8.
923	0000	-353	37.9803	81.5375		PPK	1.3	1.9	6.7	1.46	0.29	5.07	1654.	42.	9.
924	0000	-353	37.9803	81.5369		PPK	1.2	1.9	6.5	1.53	0.29	5.27	1588.	44.	9.
925	0000	-353	37.9803	81.5363		PPK	1.1	1.5	6.2	1.41	0.25	5.68	1477.	42.	10.
926	0000	-352	37.9803	81.5358		PPK	1.0	1.3	5.6	1.31	0.24	5.58	1387.	42.	11.
927	0000	-353	37.9802	81.5352		PPK	0.9	1.2	5.2	1.27	0.22	5.67	1296.	44.	10.
928	0000	-354	37.9802	81.5345		PPK	0.8	1.4	4.8	1.61	0.29	5.63	1264.	45.	10.
929	0000	-353	37.9802	81.5340		PPK	0.9	1.2	4.6 -	1.38	0.26	5.25	1234.	47.	10.
930	0000	-353	37.9802	81.5334		PPK	0.9	1.3	4.7	1.50	0.27	5.49	1240.	50.	10.
931	0000	-353	37.9802	81.5329		PPK	0.9	1.2	5.0	1.26	0.23	5.39	1276.	46.	10.
932	0000	-353	37.9802	81.5323		PPK	0.9	1.4	5.6	1.49	0.24	6.09	1334.	47.	9.
933	0000	-353	37.9802	81.5317		PPK	1.0	1.3	6.2	1.32	0.21 -	6.46 +	1399.	49.	9.
934	0000	-350	37.9802	81.5311		PPK	1.1	1.5	6.2	1.40	0.24	5.85	1526.	45.	10.
935	0000	-347	37.9802	81.5306		PPK	1.2	1.6	6.6	1.39 -	0.25	5.65	1600.	45.	10.
936	1000	-346	37.9802	81.5301		PPK	1.2	1.5	6.9	1.28	0.22	5.68	1688.	45.	10.
937	1000	-345	37.9802	81.5296		PPK	1.2	2.0	7.3	1.64	0.27	6.06	1744.	44.	10.
938	1000	-345	37.9802	81.5291		PPK	1.1	2.4 +	7.3	2.09 +	0.33	6.39 +	1753.	44.	8.
939	1000	-346	37.9802	81.5285		PPK	1.2	2.6 +	6.8	2.21 +	0.38 +	5.86	1748.	43.	8.
940	0000	-348	37.9802	81.5280		PPK	1.2	2.8 +	6.3	2.43 +	0.44 ++	5.46	1719.	43.	7.
941	0000	-349	37.9802	81.5276		PPK	1.1	2.5 +	6.5	2.27 +	0.38 +	5.98	1644.	44.	7.
942	0000	-350	37.9802	81.5270		PPK	1.0	2.2 +	6.2	2.24 +	0.36 +	6.14	1565.	46.	5.
943	0000	-351	37.9802	81.5265		PPK	1.0	2.3 +	5.6	2.45 +	0.42 +	5.87	1466.	47.	5.
944	0000	-353	37.9802	81.5260		PPK	1.0	2.0	5.0	2.04 +	0.39 +	5.20	1389.	50.	5.
945	0000	-353	37.9802	81.5255		PPK	1.0	1.9	4.9	1.88	0.38 +	4.97	1346.	54.	5.
946	0000	-352	37.9802	81.5250		PPK	1.0	1.6	5.2	1.54	0.30	5.11	1332.	56.	5.
947	0000	-353	37.9802	81.5245		PPK	1.0	1.5	5.2	1.40	0.28	4.93	1348.	56.	5.
948	0000	-354	37.9802	81.5240		PPK	1.1	1.3	5.2	1.17	0.25	4.77	1363.	57.	6.
949	0000	-355	37.9802	81.5236		PPK	1.2	1.1	5.8	0.97 -	0.20	4.95	1430.	53.	7.
950	0000	-355	37.9802	81.5230		PPK	1.3	1.3	6.1	1.01	0.21	4.83	1526.	52.	7.
951	0000	-356	37.9802	81.5225		PPK	1.4	1.0 -	7.2	0.72 -	0.14 -	5.17	1649.	48.	8.
952	0000	-357	37.9802	81.5220		PPK	1.5 +	1.1 -	7.9 +	0.70 --	0.13 -	5.23	1811.	44.	10.
953	0000	-357	37.9802	81.5215		PPK	1.6 +	1.0 -	8.2 +	0.64 --	0.13 -	5.08	1908.	43.	10.
954	0000	-358	37.9802	81.5210		PPK	1.7 +	0.9 -	8.7 +	0.53 --	0.10 --	5.23	1963.	41.	11.
955	0000	-360	37.9802	81.5205		PPK	1.7 +	1.3	8.6 +	0.80 -	0.16 -	5.18	1995.	41.	10.
956	0000	-360	37.9802	81.5200		PPK	1.7 +	1.4	8.3 +	0.80 -	0.16 -	4.92	1995.	43.	10.
957	0000	-358	37.9802	81.5195		PPK	1.6 +	1.4	8.3 +	0.86 -	0.17 -	5.14	1950.	43.	9.
958	0000	-358	37.9802	81.5190		PPK	1.5 +	1.5	7.3	0.99 -	0.20	4.89	1847.	44.	8.
959	0000	-358	37.9802	81.5185		PPK	1.4	1.4	6.7	0.99 -	0.20	4.88	1682.	44.	8.
960	0000	-360	37.9802	81.5180		PPK	1.2	1.4	6.2	1.15	0.22	5.12	1546.	45.	7.
961	0000	-361	37.9803	81.5174		PPK	1.1	1.5	5.5	1.29	0.26	4.92	1439.	46.	6.
962	0000	-361	37.9803	81.5170		PPK	1.0	1.1	5.4	1.07	0.21	5.15	1333.	46.	5.
963	0000	-362	37.9803	81.5165		PPK	0.9	1.3	4.8	1.40	0.27	5.28	1251.	45.	5.
964	0000	-364	37.9803	81.5160		PPK	0.9	1.1	4.5 -	1.28	0.25	5.06	1175.	47.	5.
965	0000	-365	37.9803	81.5155		PPK	0.8	1.2	4.2 -	1.44	0.29	4.95	1136.	48.	6.
966	0000	-366	37.9803	81.5150		PPK	0.8	1.2	3.9 -	1.42	0.31	4.63 -	1132.	47.	7.
967	0000	-368	37.9803	81.5145		PPK	0.9	1.2	3.8 -	1.42	0.33	4.29 -	1161.	47.	8.
968	0000	-369	37.9803	81.5140		PPK	0.9	1.3	4.0 -	1.34	0.32	4.22 -	1196.	48.	9.
969	0000	-370	37.9803	81.5135		PPK	1.0	1.4	3.8 -	1.48	0.37 +	3.94 --	1251.	50.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-373	37.9803	81.5130		PPK	1.0	1.4	4.2 -	1.32	0.32	4.13 -	1304.	51.	10.
971	0000	-374	37.9803	81.5124		PPK	1.0	1.7	4.6 -	1.66	0.37 +	4.50 -	1365.	49.	9.
972	0000	-374	37.9803	81.5119		PPK	1.1	1.8	5.0	1.62	0.35 +	4.58 -	1421.	47.	9.
973	0000	-373	37.9803	81.5114		PPK	1.1	2.0	5.5	1.79	0.37 +	4.90	1488.	50.	8.
974	0000	-372	37.9803	81.5109		PPK	1.2	2.2 +	5.8	1.86	0.38 +	4.84	1550.	52.	7.
975	0000	-373	37.9803	81.5105		PPK	1.3	2.5 +	6.0	1.91	0.41 +	4.66 -	1681.	50.	6.
976	0000	-374	37.9803	81.5100		PPK	1.5 +	2.4 +	6.6	1.62	0.36 +	4.45 -	1776.	49.	5.
977	0000	-374	37.9803	81.5095		PPK	1.5 +	2.4 +	7.0	1.55	0.34	4.55 -	1813.	48.	5.
978	0000	-375	37.9803	81.5090		PPK	1.6 +	2.1	7.2	1.28	0.29	4.45 -	1843.	47.	5.
979	0000	-377	37.9803	81.5084		PPK	1.6 +	2.0	7.2	1.30	0.28	4.58 -	1852.	50.	5.
980	0000	-378	37.9803	81.5079		PPK	1.6 +	1.7	7.0	1.06	0.24	4.38 -	1817.	50.	6.
981	0000	-378	37.9803	81.5075		PPK	1.5 +	1.5	6.9	0.96 -	0.22	4.44 -	1752.	49.	5.
982	0000	-379	37.9803	81.5070		PPK	1.4	1.2	6.7	0.84 -	0.17 -	4.81	1600.	49.	5.
983	0000	-380	37.9803	81.5064		PPK	1.2	1.1	6.4	0.90 -	0.18 -	5.11	1472.	50.	5.
984	0000	-380	37.9803	81.5059		PPK	1.1	1.1	6.0	0.99 -	0.19 -	5.36	1383.	48.	5.
985	0000	-382	37.9802	81.5054		PPK	1.1	1.2	5.4	1.18	0.23	5.17	1301.	51.	5.
986	0000	-383	37.9802	81.5049		PPK	1.0	1.3	5.1	1.25	0.26	4.84	1240.	51.	4.
987	0000	-383	37.9802	81.5044		PPK	1.0	1.6	4.8	1.60	0.33	4.88	1192.	50.	3.
988	0000	-384	37.9802	81.5040		PPK	0.9	1.4	4.7	1.58	0.30	5.17	1148.	50.	2.
989	0000	-385	37.9802	81.5035		PPK	0.9	1.4	4.3 -	1.67	0.33	5.02	1115.	50.	2.
990	0000	-386	37.9803	81.5029		PPK	0.8 -	1.4	4.4 -	1.72	0.33	5.24	1080.	51.	1.
991	0000	-387	37.9803	81.5024		PPK	0.8 -	1.4	4.1 -	1.76	0.35	5.01	1056.	52.	1.
992	0000	-388	37.9803	81.5019		PPK	0.8 -	1.3	4.3 -	1.64	0.30	5.51	1038.	50.	0.
993	0000	-388	37.9803	81.5014		PPK	0.7 -	1.1 -	4.5 -	1.44	0.23	6.16	1020.	49.	1.
994	0000	-389	37.9803	81.5009		PPK	0.7 -	1.0 -	4.6 -	1.41	0.21	6.69 +	1003.	49.	2.
995	0000	-391	37.9803	81.5004		PPK	0.7 -	1.0 -	4.4 -	1.40	0.22	6.30 +	996.	49.	3.
996	0000	-392	37.9803	81.4999		PPK	0.7 -	0.9 -	4.2 -	1.28	0.22	5.73	984.	51.	4.
997	0000	-392	37.9803	81.4994		PPK	0.7 -	1.0 -	3.9 -	1.34	0.25	5.42	1010.	51.	5.
998	0000	-393	37.9803	81.4989		PPK	0.7 -	1.0 -	4.1 -	1.44	0.26	5.61	1027.	49.	6.
999	0000	-394	37.9803	81.4984		PPK	0.7 -	1.2	3.9 -	1.61	0.30	5.40	1050.	51.	7.
1000	0000	-395	37.9803	81.4979		PPK	0.7 -	1.4	3.9 -	1.95 +	0.36 +	5.41	1080.	50.	7.
1001	0000	-396	37.9803	81.4975		PPK	0.8 -	1.4	4.2 -	1.80	0.34	5.31	1122.	50.	7.
1002	0000	-395	37.9803	81.4969		PPK	0.8 -	1.4	4.4 -	1.70	0.32	5.31	1184.	49.	7.
1003	0000	-393	37.9803	81.4964		PPK	0.9	1.5	4.7	1.80	0.33	5.47	1257.	47.	7.
1004	0000	-393	37.9803	81.4959		PPK	1.0	1.4	5.1	1.42	0.27	5.36	1302.	48.	7.
1005	0000	-395	37.9803	81.4954		PPA-1	1.1 +	1.7	5.1	1.55	0.32	4.79 -	1383.	49.	7.
1006	0000	-396	37.9803	81.4949		PPA-1	1.1 +	1.7	5.4	1.51	0.32	4.78 -	1443.	49.	7.
1007	0000	-394	37.9803	81.4944		PPA-1	1.2 +	1.7	5.3	1.47	0.33	4.52 -	1463.	50.	7.
1008	0000	-392	37.9803	81.4939		PPA-1	1.1 +	1.8	4.9	1.53	0.36	4.30 --	1479.	50.	7.
1009	0000	-393	37.9803	81.4933		PPA-1	1.2 +	1.6	4.8	1.34	0.34	3.97 --	1486.	51.	7.
1010	0000	-393	37.9803	81.4929		PPA-1	1.2 +	1.6	5.1	1.27	0.30	4.18 --	1479.	49.	7.
1011	0000	-393	37.9803	81.4924		PPK	1.1	1.6	4.9	1.45	0.34	4.31 -	1458.	48.	8.
1012	0000	-392	37.9803	81.4918		PPK	1.1	1.1	4.7 -	1.04	0.24	4.31 -	1408.	48.	9.
1013	0000	-392	37.9803	81.4913		PPK	1.0	1.0 -	4.7	0.93 -	0.21	4.50 -	1367.	48.	10.
1014	0000	-395	37.9803	81.4909		PPK	1.0	1.0 -	4.6 -	1.06	0.23	4.66 -	1349.	46.	10.
1015	0000	-396	37.9803	81.4904		PPK	1.0	0.9 -	5.0	0.92 -	0.19 -	4.92	1334.	48.	10.
1016	0000	-396	37.9803	81.4899		PPK	0.9	1.2	4.8	1.22	0.24	5.13	1292.	50.	9.
1017	0000	-398	37.9803	81.4894		PPK	0.9	1.2	4.4 -	1.34	0.28	4.82	1256.	52.	9.
1018	0000	-398	37.9803	81.4889		PPK	0.9	1.2	4.4 -	1.32	0.27	4.80	1228.	55.	7.
1019	0000	-395	37.9803	81.4884		PPK	0.9	1.1	4.3 -	1.28	0.26	4.83	1191.	55.	7.
1020	0000	-394	37.9803	81.4878		PPK	0.9	1.1	4.0 -	1.22	0.27	4.56 -	1147.	55.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-394	37.9803	81.4874		PPK	0.9	0.8 -	4.0 -	0.85 -	0.19	4.41 -	1097.	57.	6.
1022	0000	-392	37.9803	81.4868		PPK	0.9	0.9 -	3.7 -	0.96 -	0.23	4.17 -	1053.	57.	6.
1023	0000	-391	37.9803	81.4863		PPK	0.9	0.7 --	3.8 -	0.77 -	0.19	4.07 --	1032.	58.	5.
1024	0000	-394	37.9803	81.4858		PPK	0.9	0.9 -	3.9 -	1.05	0.24	4.33 -	1027.	55.	4.
1025	0000	-395	37.9803	81.4853		PPK	0.9	1.0 -	3.8 -	1.16	0.27	4.30 -	1035.	54.	5.
1026	0000	-394	37.9803	81.4848		PPK	0.9	1.0 -	4.0 -	1.09	0.25	4.29 -	1075.	52.	5.
1027	0000	-394	37.9803	81.4844		PPK	1.0	1.3	4.3 -	1.31	0.30	4.44 -	1147.	52.	4.
1028	0000	-394	37.9803	81.4839		PPK	1.0	1.6	4.0 -	1.67	0.40 +	4.13 -	1221.	52.	4.
1029	0000	-395	37.9803	81.4834		PPK	1.0	1.7	4.6 -	1.74	0.37 +	4.70	1288.	50.	4.
1030	1000	-396	37.9803	81.4829		PPK	1.0	2.0	4.7	2.08 +	0.43 +	4.89	1336.	47.	4.
1031	1000	-394	37.9803	81.4823		PPK	1.0	1.7	4.9	1.60	0.34	4.68 -	1354.	50.	4.
1032	1000	-392	37.9803	81.4818		PPK	1.0	1.7	5.1	1.65	0.33	5.00	1352.	49.	4.
1033	1000	-391	37.9803	81.4813		PPK	1.0	2.0	5.1	2.00 +	0.39 +	5.19	1359.	50.	4.
1034	1000	-391	37.9803	81.4808		PPK	1.0	1.7	5.2	1.72	0.33	5.28	1370.	47.	5.
1035	1000	-392	37.9803	81.4803		PPK	1.1	1.3	6.2	1.16	0.21	5.55	1405.	48.	6.
1036	1000	-390	37.9803	81.4798		PPK	1.2	1.5	5.4	1.21	0.27	4.41 -	1460.	48.	7.
1037	1000	-388	37.9803	81.4793		PPK	1.3	1.2	6.0	0.93 -	0.20	4.58 -	1507.	48.	7.
1038	1000	-387	37.9803	81.4788		PPK	1.3	1.4	6.2	1.05	0.23	4.65 -	1563.	47.	9.
1039	1000	-386	37.9803	81.4783		PPK	1.4 +	1.3	6.7	0.89 -	0.19	4.69	1635.	47.	9.
1040	1000	-385	37.9803	81.4778		PPK	1.5 +	1.2	7.2	0.78 -	0.16 -	4.87	1676.	48.	10.
1041	0000	-385	37.9803	81.4774		PPK	1.6 +	1.2	7.3	0.79 -	0.17 -	4.64 -	1694.	50.	10.
1042	0000	-386	37.9803	81.4768		PPK	1.6 +	1.3	6.9	0.83 -	0.19	4.34 -	1724.	49.	9.
1043	0000	-385	37.9803	81.4763		PPK	1.5 +	1.3	7.6 +	0.84 -	0.17 -	4.92	1737.	51.	10.
1044	0000	-384	37.9803	81.4758		PPK	1.6 +	1.4	7.2	0.93 -	0.20	4.64 -	1794.	52.	11.
1045	0000	-382	37.9803	81.4753		PPK	1.6 +	1.3	7.2	0.79 -	0.18 -	4.43 -	1858.	52.	11.
1046	0000	-380	37.9803	81.4748		PPK	1.6 +	1.5	7.0	0.94 -	0.22	4.26 -	1896.	52.	12.
1047	0000	-379	37.9803	81.4743		PPK	1.7 +	1.4	7.0	0.80 -	0.20	4.04 --	1933.	51.	14.
1048	0000	-378	37.9803	81.4738		PPK	1.7 +	1.4	6.9	0.83 -	0.20	4.12 -	1953.	52.	15.
1049	0000	-377	37.9803	81.4732		PPK	1.6 +	1.6	7.1	1.00	0.22	4.55 -	1959.	50.	16.
1050	0000	-375	37.9803	81.4728		PPK	1.6 +	1.5	7.0	0.95 -	0.21	4.44 -	1975.	49.	17.
1051	0000	-375	37.9803	81.4723		PPK	1.5 +	1.3	7.7 +	0.85 -	0.17 -	5.07	1937.	46.	18.
1052	0000	-375	37.9803	81.4717		PPK	1.4 +	1.3	7.8 +	0.88 -	0.16 -	5.41	1882.	47.	17.
1053	0000	-375	37.9803	81.4713		PPK	1.4	1.2	7.5	0.88 -	0.16 -	5.48	1835.	46.	17.
1054	0000	-375	37.9803	81.4708		PPK	1.2	1.5	7.1	1.23	0.21	5.89	1769.	48.	16.
1055	0000	-375	37.9803	81.4703		PPK	1.2	1.5	6.9	1.33	0.22	5.92	1711.	48.	14.
1056	0000	-374	37.9803	81.4698		PPK	1.1	1.5	6.5	1.34	0.23	5.92	1636.	49.	12.
1057	0000	-374	37.9803	81.4693		PPK	1.0	1.2	6.4	1.13	0.18 -	6.22 +	1518.	50.	10.
1058	0000	-374	37.9803	81.4688		PPK	1.0	1.4	5.5	1.37	0.25	5.58	1451.	50.	8.
1059	0000	-373	37.9803	81.4683		PPK	1.0	1.4	5.4	1.39	0.25	5.47	1397.	51.	7.
1060	0000	-374	37.9803	81.4677		PPK	1.0	1.3	5.4	1.34	0.25	5.43	1371.	51.	6.
1061	0000	-375	37.9803	81.4672		PPK	1.0	1.3	5.4	1.28	0.24	5.24	1361.	51.	6.
1062	0000	-373	37.9803	81.4667		PPK	1.1	1.2	5.6	1.16	0.22	5.23	1364.	49.	6.
1063	0000	-373	37.9803	81.4663		PPK	1.1	1.3	5.9	1.11	0.21	5.25	1376.	49.	6.
1064	0000	-373	37.9803	81.4657		PPA-1	1.2 +	1.3	6.1 +	1.07 -	0.21	5.14	1405.	50.	7.
1065	0000	-374	37.9803	81.4652		PPA-1	1.2 +	1.3	6.1 +	1.09 -	0.21	5.16	1405.	52.	7.
1066	0000	-376	37.9803	81.4648		PPA-1	1.1 +	1.3	6.0 +	1.19	0.22	5.42	1401.	51.	7.
1067	0000	-374	37.9803	81.4643		PPA-1	1.1 +	1.3	5.8	1.22	0.23	5.37	1370.	53.	7.
1068	0000	-373	37.9803	81.4637		PPA-1	1.0 +	1.2	5.6	1.11 -	0.21	5.38	1342.	52.	7.
1069	0000	-374	37.9803	81.4632		PPA-1	1.0	1.4	5.3	1.43	0.26	5.53	1297.	54.	7.
1070	0000	-374	37.9803	81.4628		PPA-1	0.8	1.3	4.7	1.51	0.27	5.59	1232.	55.	7.
1071	0000	-373	37.9803	81.4623		PPA-1	0.8	1.3	4.5	1.65	0.29	5.67	1183.	55.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-374	37.9803	81.4617	PPA-1	0.8	1.2	4.5	1.60	0.27	5.96	1169.	55.	6.
1073	0000	-375	37.9803	81.4612	PPA-1	0.7	1.4	4.3	1.87	0.32	5.79	1156.	56.	6.
1074	0000	-375	37.9804	81.4607	PPA-1	0.8	1.3	4.5	1.70	0.29	5.89	1168.	56.	6.
1075	0000	-374	37.9804	81.4602	PPA-1	0.8	1.5	4.8	1.88	0.31	6.11	1197.	56.	4.
1076	0000	-374	37.9804	81.4597	PPA-1	0.8	1.3	5.0	1.63	0.27	6.06	1224.	56.	4.
1077	0000	-373	37.9804	81.4592	PPA-1	0.8	1.7	5.3	1.96	0.31	6.30	1266.	55.	3.
1078	0000	-372	37.9804	81.4587	PPA-1	0.8	1.9 +	5.2	2.27 +	0.35	6.42	1272.	54.	2.
1079	0000	-373	37.9804	81.4582	PPA-1	0.8	1.8 +	5.0	2.15	0.35	6.10	1252.	54.	2.
1080	0000	-374	37.9804	81.4577	PPA-1	0.8	1.8	5.0	2.24 +	0.35	6.44	1232.	53.	2.
1081	0000	-374	37.9804	81.4572	PPA-1	0.7	1.8 +	4.9	2.45 +	0.36	6.77 +	1184.	51.	2.
1082	0000	-374	37.9804	81.4567	PPA-1	0.7	1.7	4.8	2.51 +	0.34	7.28 +	1128.	52.	2.
1083	0000	-372	37.9804	81.4562	PPA-1	0.6 -	1.6	5.0	2.63 +	0.33	7.99 ++	1088.	52.	2.
1084	0000	-371	37.9803	81.4557	PPA-1	0.6 -	1.4	4.6	2.41 +	0.31	7.68 +	1055.	54.	3.
1085	0000	-372	37.9803	81.4552	PPA-1	0.6 -	1.3	4.6	2.02	0.28	7.36 +	1052.	53.	3.
1086	0000	-372	37.9803	81.4547	PPA-1	0.6 -	1.4	4.7	2.35 +	0.30	7.90 ++	1042.	53.	2.
1087	0000	-372	37.9803	81.4542	PPA-1	0.6 -	1.2	5.0	1.98	0.25	8.02 ++	1034.	53.	2.
1088	0000	-372	37.9803	81.4537	PPA-1	0.6	1.4	4.9	2.12	0.27	7.73 ++	1052.	56.	2.
1089	0000	-372	37.9803	81.4532	PPA-1	0.6	1.3	4.7	2.11	0.29	7.33 +	1076.	55.	2.
1090	0000	-373	37.9803	81.4527	PPA-1	0.7	1.4	4.7	2.08	0.30	7.02 +	1089.	54.	2.
1091	0000	-373	37.9803	81.4522	PPK	0.7 -	1.4	5.0	1.94 +	0.28	6.94 +	1102.	53.	2.
1092	0000	-373	37.9803	81.4517	PPK	0.7 -	1.4	5.1	2.04 +	0.28	7.24 ++	1109.	53.	1.
1093	0000	-374	37.9803	81.4512	PPK	0.7 -	1.3	5.0	1.88	0.26	7.17 ++	1136.	53.	2.
1094	0000	-374	37.9803	81.4507	PPK	0.7 -	1.4	4.7 -	2.03 +	0.31	6.55 +	1148.	55.	3.
1095	0000	-373	37.9803	81.4502	PPK	0.7 -	1.4	4.7	1.89	0.29	6.59 +	1151.	55.	3.
1096	0000	-374	37.9803	81.4497	PPK	0.7 -	1.5	4.9	2.10 +	0.31	6.70 +	1159.	53.	3.
1097	0000	-374	37.9803	81.4492	PPK	0.7 -	1.4	4.6 -	1.96 +	0.32	6.20	1168.	55.	5.
1098	0000	-373	37.9803	81.4487	PPK	0.7 -	1.5	4.6 -	2.25 +	0.33	6.82 +	1177.	56.	6.
1099	0000	-373	37.9803	81.4482	PPK	0.7 -	1.4	4.4 -	1.87	0.31	6.05	1217.	55.	8.
1100	0000	-374	37.9803	81.4477	PPK	0.8 -	1.6	4.7	1.95 +	0.33	5.89	1261.	54.	9.
1101	0000	-374	37.9803	81.4471	PPK	0.9	1.5	5.2	1.70	0.28	5.96	1325.	51.	10.
1102	0000	-374	37.9803	81.4466	PPK	0.9	1.5	5.1	1.73	0.30	5.75	1370.	51.	12.
1103	0000	-374	37.9803	81.4462	PPK	0.9	1.2	5.0	1.27	0.23	5.46	1389.	54.	14.
1104	0000	-373	37.9803	81.4456	PPK	0.9	1.2	5.2	1.29	0.24	5.46	1392.	55.	13.
1105	0000	-372	37.9803	81.4452	PPK	1.0	1.0 -	4.9	1.03	0.21	4.86	1374.	54.	13.
1106	0000	-372	37.9804	81.4447	PPK	1.0	1.1	5.2	1.11	0.21	5.39	1326.	56.	12.
1107	0000	-371	37.9804	81.4442	PPK	0.9	1.0 -	5.2	1.13	0.20	5.73	1298.	57.	10.
1108	0000	-370	37.9804	81.4437	PPK	0.9	1.2	5.2	1.34	0.23	5.83	1281.	57.	8.
1109	0000	-368	37.9804	81.4431	PPK	0.9	1.2	5.6	1.28	0.22	5.91	1290.	54.	6.
1110	0000	-367	37.9804	81.4427	PPK	1.0	1.5	5.8	1.59	0.26	6.10	1313.	53.	4.
1111	0000	-367	37.9804	81.4422	PPK	1.0	1.8	5.9	1.84	0.30	6.08	1348.	51.	3.
1112	0000	-366	37.9804	81.4416	PPK	1.0	1.8	6.0	1.84	0.30	6.09	1355.	51.	2.
1113	0000	-366	37.9804	81.4411	PPK	1.0	2.0	5.6	2.03 +	0.36 +	5.69	1356.	48.	2.
1114	0000	-366	37.9804	81.4406	PPK	1.0	2.0	5.0	2.07 +	0.40 +	5.14	1322.	49.	1.
1115	0000	-365	37.9804	81.4401	PPK	0.9	1.9	4.7	2.06 +	0.41 +	4.96	1270.	51.	1.
1116	0000	-364	37.9804	81.4396	PPK	0.9	1.9	4.6 -	2.09 +	0.41 +	5.14	1227.	52.	1.
1117	0000	-365	37.9804	81.4391	PPK	0.9	1.7	4.8	1.93 +	0.36 +	5.42	1206.	52.	2.
1118	0000	-366	37.9804	81.4387	PPK	0.9	1.5	4.9	1.71	0.31	5.58	1194.	50.	2.
1119	0000	-365	37.9804	81.4382	PPK	1.0	1.7	5.1	1.76	0.34	5.25	1254.	51.	3.
1120	0000	-365	37.9804	81.4376	PPK	1.0	1.9	5.0	1.91	0.37 +	5.19	1303.	51.	3.
1121	0000	-366	37.9804	81.4371	PPK	1.0	2.1	5.4	2.12 +	0.38 +	5.52	1351.	50.	4.
1122	0000	-366	37.9804	81.4366	PPK	1.0	2.0	5.4	1.98 +	0.36 +	5.45	1373.	50.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-366	37.9804	81.4361	PPK	0.9	2.1	5.3	2.31 +	0.40 +	5.74	1386.	50.	6.
1124	0000	-369	37.9804	81.4356	PPK	0.9	2.3 +	4.8	2.60 +	0.48 ++	5.42	1362.	51.	5.
1125	0000	-369	37.9804	81.4351	PPK	0.9	2.3 +	4.7	2.66 +	0.50 ++	5.37	1344.	53.	6.
1126	0000	-369	37.9804	81.4346	PPK	0.8 -	2.0	4.6 -	2.72 ++	0.45 ++	6.06	1280.	50.	5.
1127	0000	-371	37.9804	81.4341	PPK	0.7 -	2.0	4.8	2.75 ++	0.41 +	6.72 +	1228.	52.	5.
1128	0000	-372	37.9804	81.4336	PPK	0.7 -	1.6	4.7	2.17 +	0.34	6.34 +	1207.	52.	4.
1129	0000	-371	37.9804	81.4331	PPK	0.8 -	1.9	5.0	2.35 +	0.37 +	6.34 +	1239.	52.	3.
1130	0000	-371	37.9804	81.4325	PPK	0.9	1.8	5.3	2.01 +	0.34	5.90	1296.	52.	3.
1131	0000	-372	37.9804	81.4321	PPK	1.0	1.3	5.9	1.29	0.23	5.66	1357.	51.	4.
1132	0000	-373	37.9804	81.4316	PPK	1.1	1.3	6.0	1.17	0.22	5.22	1416.	52.	6.
1133	0000	-374	37.9804	81.4311	PPK	1.2	1.5	6.3	1.22	0.24	5.16	1502.	53.	7.
1134	0000	-374	37.9803	81.4306	PPK	1.4	1.6	6.9	1.20	0.24	5.06	1624.	54.	7.
1135	0000	-375	37.9804	81.4301	PPK	1.4 +	1.8	8.0 +	1.21	0.22	5.53	1771.	55.	9.
1136	1000	-375	37.9804	81.4296	PPK	1.5 +	1.6	8.3 +	1.06	0.20	5.38	1878.	55.	10.
1137	1000	-375	37.9804	81.4291	PPA-2	1.6	1.6 -	8.4	0.98 -	0.19 -	5.26	1912.	55.	11.
1138	1000	-376	37.9803	81.4285	PPA-2	1.6	2.0	8.6	1.29	0.24	5.39	1949.	55.	10.
1139	1000	-377	37.9803	81.4281	PPA-2	1.6	2.2	8.5	1.39	0.26	5.38	1984.	54.	9.
1140	0000	-377	37.9804	81.4276	PPA-2	1.6	2.2	8.6	1.38	0.25	5.49	1973.	56.	8.
1141	0000	-375	37.9804	81.4270	PPA-2	1.5	1.9	8.3	1.27	0.23	5.45	1921.	52.	8.
1142	0000	-375	37.9804	81.4265	PPA-2	1.4	1.8	7.5	1.26	0.24	5.26	1789.	51.	7.
1143	0000	-377	37.9804	81.4260	PPK	1.3	1.9	7.0	1.47	0.27	5.47	1660.	52.	6.
1144	0000	-379	37.9804	81.4256	PPK	1.2	1.9	6.8	1.57	0.28	5.66	1575.	51.	5.
1145	0000	-379	37.9804	81.4251	PPK	1.1	1.7	6.1	1.47	0.27	5.41	1488.	51.	6.
1146	0000	-381	37.9804	81.4246	PPK	1.1	1.5	6.0	1.40	0.24	5.71	1409.	53.	6.
1147	0000	-381	37.9804	81.4241	PPK	1.1	1.6	6.1	1.45	0.25	5.71	1401.	52.	7.
1148	0000	-382	37.9804	81.4236	PPK	1.1	1.7	6.7	1.55	0.26	6.16	1440.	51.	7.
1149	0000	-383	37.9804	81.4230	PPK	1.1	1.7	6.8	1.58	0.26	6.13	1481.	54.	7.
1150	0000	-383	37.9804	81.4225	PPK	1.2	1.5	7.1	1.22	0.21	5.71	1577.	55.	8.
1151	0000	-383	37.9804	81.4220	PPK	1.4	1.7	7.3	1.25	0.23	5.36	1679.	58.	8.
1152	0000	-384	37.9804	81.4216	PPA-2	1.6	1.9	7.8	1.22	0.25	4.98 -	1808.	59.	7.
1153	0000	-384	37.9804	81.4210	PPA-2	1.7 +	2.0	8.4	1.20	0.24	5.06 -	1922.	58.	6.
1154	0000	-385	37.9804	81.4205	PPA-2	1.7 +	2.2	8.7	1.31	0.26	5.11 -	2006.	60.	4.
1155	0000	-386	37.9804	81.4200	PPA-2	1.8 +	2.4	8.2	1.33	0.29	4.68 -	2026.	63.	4.
1156	0000	-387	37.9804	81.4195	PPA-2	1.8 +	2.5	8.6	1.37	0.29	4.77 -	2086.	61.	3.
1157	0000	-389	37.9804	81.4191	PPA-2	1.7 +	2.8 +	8.7	1.63	0.32 +	5.11 -	2063.	60.	2.
1158	0000	-389	37.9804	81.4185	PPA-2	1.7 +	2.5 +	8.4	1.52	0.30	5.01 -	2014.	57.	4.
1159	0000	-388	37.9804	81.4180	PPA-2	1.4	2.4	8.3	1.67	0.29	5.76	1925.	55.	5.
1160	0000	-386	37.9804	81.4175	PPA-2	1.3	2.4	7.8	1.78 +	0.31 +	5.80	1806.	54.	6.
1161	0000	-386	37.9804	81.4170	PPA-1	1.2 +	1.9 +	6.8 +	1.57	0.29	5.50	1656.	52.	8.
1162	0000	-389	37.9804	81.4165	PPA-1	1.1 +	1.6	6.4 +	1.45	0.25 -	5.78	1525.	51.	10.
1163	0000	-391	37.9804	81.4160	PPA-1	1.0	1.5	5.5	1.53	0.27	5.59	1380.	50.	11.
1164	0000	-391	37.9804	81.4155	PPK	0.9	1.2	5.3	1.25	0.22	5.73	1270.	49.	12.
1165	0000	-391	37.9804	81.4150	PPK	0.8 -	1.2	5.0	1.50	0.23	6.38 +	1182.	52.	11.
1166	0000	-390	37.9804	81.4145	PPK	0.8 -	1.1 -	4.5 -	1.37	0.23	5.84	1123.	52.	11.
1167	0000	-391	37.9804	81.4140	PPK	0.7 -	1.1 -	4.3 -	1.44	0.25	5.84	1086.	53.	11.
1168	0000	-392	37.9804	81.4135	PPK	0.7 -	1.0 -	4.4 -	1.30	0.22	5.92	1076.	56.	10.
1169	0000	-393	37.9804	81.4130	PPK	0.8 -	1.0 -	4.4 -	1.32	0.23	5.72	1083.	56.	10.
1170	0000	-395	37.9804	81.4126	PPK	0.8 -	0.9 -	4.5 -	1.23	0.21	5.85	1100.	57.	10.
1171	0000	-395	37.9804	81.4120	PPK	0.8 -	1.2	4.4 -	1.58	0.27	5.85	1127.	59.	9.
1172	0000	-397	37.9804	81.4115	PPK	0.7 -	1.3	4.7 -	1.76	0.28	6.22 +	1145.	58.	9.
1173	0000	-397	37.9804	81.4110	PPK	0.8 -	1.3	4.8	1.75	0.28	6.34 +	1173.	58.	10.

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FLIGHT LINE 20, DAY 292

* TAGS * ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES * POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-397	37.9804	81.4105		PPK	0.8 -	1.2	5.2	1.53	0.23	6.51 +	1228.	57.	10.
1175	0000	-398	37.9804	81.4100		PPK	0.9	1.3	5.6	1.43	0.23	6.22 +	1306.	55.	9.
1176	0000	-399	37.9804	81.4095		PPK	0.9	1.5	6.1	1.56	0.24	6.46 +	1396.	55.	9.
1177	0000	-398	37.9804	81.4090		PPK	1.0	1.5	6.7	1.40	0.22	6.42 +	1471.	55.	9.
1178	0000	-399	37.9804	81.4085		PPK	1.1	1.5	7.2	1.27	0.20	6.30 +	1551.	53.	8.
1179	0000	-400	37.9804	81.4080		PPK	1.3	1.3	7.7 +	1.04	0.17 -	6.03	1646.	52.	7.
1180	0000	-401	37.9804	81.4075		PPK	1.4 +	1.5	8.0 +	1.04	0.19 -	5.60	1729.	52.	6.
1181	0000	-402	37.9804	81.4070		PPA-2	1.5	1.7	8.3	1.11 -	0.21 -	5.40	1799.	53.	5.
1182	0000	-401	37.9804	81.4064		PPA-2	1.6	1.8	8.2	1.13 -	0.22	5.23	1820.	53.	5.
1183	0000	-401	37.9804	81.4060		PPA-2	1.6	1.7 -	8.2	1.04 -	0.20 -	5.07 -	1805.	54.	5.
1184	0000	-403	37.9804	81.4055		PPA-2	1.6	1.8	7.8	1.12 -	0.23	4.80 -	1772.	54.	5.
1185	0000	-404	37.9804	81.4050		PPA-2	1.6	1.9	7.1 -	1.21	0.27	4.47 --	1749.	53.	5.
1186	0000	-405	37.9804	81.4045		PPA-1	1.5 ++	2.1 +	6.6 +	1.38	0.32	4.35 --	1693.	56.	6.
1187	0000	-406	37.9804	81.4040		PPA-1	1.4 ++	2.1 +	6.2 +	1.53	0.34	4.47 -	1622.	56.	6.
1188	0000	-407	37.9804	81.4035		PPA-1	1.3 +	2.0 +	5.9 +	1.55	0.33	4.65 -	1536.	57.	6.
1189	0000	-408	37.9804	81.4030		PPA-1	1.1 +	1.9 +	5.7	1.70	0.34	4.97 -	1465.	57.	7.
1190	0000	-408	37.9804	81.4026		PPA-1	1.0	1.8 +	5.4	1.74	0.33	5.21	1402.	56.	6.
1191	0000	-408	37.9804	81.4021		PPA-1	0.9	1.7	5.4	1.85	0.32	5.84	1353.	54.	6.
1192	0000	-409	37.9805	81.4016		PPA-1	0.9	1.5	5.3	1.78	0.29	6.17	1291.	54.	6.
1193	0000	-410	37.9805	81.4011		PPA-1	0.8	1.4	5.0	1.63	0.28	5.87	1245.	53.	6.
1194	0000	-410	37.9805	81.4006		PPA-1	0.8	1.2	4.9	1.53	0.25	6.06	1207.	53.	6.
1195	0000	-410	37.9805	81.4001		PPA-1	0.8	1.2	4.8	1.53	0.26	5.92	1179.	54.	5.
1196	0000	-412	37.9805	81.3997		PPA-1	0.8	1.4	4.6	1.77	0.29	6.03	1151.	51.	4.
1197	0000	-413	37.9805	81.3992		PPA-1	0.8	1.4	4.7	1.79	0.29	6.17	1141.	51.	4.
1198	0000	-413	37.9805	81.3987		PPA-1	0.8	1.2	4.6	1.47	0.27	5.51	1146.	51.	5.
1199	0000	-412	37.9805	81.3982		PPA-1	0.9	1.1	4.6	1.23	0.24	5.22	1143.	54.	5.
1200	0000	-412	37.9805	81.3977		PPA-1	0.9	1.1	4.6	1.25	0.24	5.26	1157.	55.	5.
1201	0000	-413	37.9805	81.3972		PPA-1	0.9	1.1	4.7	1.24	0.24	5.13	1168.	55.	5.
1202	0000	-415	37.9805	81.3967		PPA-1	0.9	1.1	4.6	1.21	0.24	5.00 -	1170.	56.	5.
1203	0000	-416	37.9805	81.3963		PPA-1	0.9	1.2	4.4	1.29	0.27	4.82 -	1171.	56.	5.
1204	0000	-415	37.9805	81.3958		PPA-1	0.9	1.4	4.2	1.48	0.33	4.50 -	1168.	59.	5.
1205	0000	-416	37.9806	81.3953		PPA-1	0.9	1.5	4.3	1.65	0.36	4.63 -	1167.	59.	4.
1206	0000	-417	37.9806	81.3949		PPK	0.9	1.6	4.4 -	1.73	0.35 +	4.91	1158.	57.	4.
1207	0000	-418	37.9806	81.3943		PPK	0.9	1.6	4.8	1.80	0.33	5.49	1154.	54.	3.
1208	0000	-420	37.9806	81.3938		PPK	0.9	1.5	4.6 -	1.69	0.33	5.18	1155.	55.	4.
1209	0000	-421	37.9806	81.3934		PPK	0.9	1.6	4.8	1.86	0.33	5.57	1168.	53.	3.
1210	0000	-421	37.9806	81.3929		PPK	0.9	1.4	5.0	1.61	0.29	5.62	1178.	55.	3.
1211	0000	-422	37.9806	81.3924		PPK	0.8	1.3	5.4	1.60	0.25	6.40 +	1180.	52.	3.
1212	0000	-423	37.9806	81.3918		PPK	0.8 -	1.3	5.2	1.67	0.26	6.44 +	1172.	52.	4.
1213	0000	-423	37.9806	81.3914		PPK	0.8 -	1.4	5.0	1.82	0.29	6.37 +	1161.	53.	3.
1214	0000	-424	37.9806	81.3909		PPK	0.8 -	1.2	4.6 -	1.54	0.26	5.91	1131.	55.	4.
1215	0000	-424	37.9806	81.3904		PPK	0.7 -	1.1	4.8	1.58	0.23	6.79 +	1079.	56.	4.
1216	0000	-425	37.9807	81.3900		PPK	0.7 -	1.1	4.6 -	1.66	0.24	6.92 +	1040.	56.	4.
1217	0000	-428	37.9807	81.3895		PPK	0.6 --	1.1	4.7	1.80	0.24	7.51 ++	1003.	53.	4.
1218	0000	-428	37.9807	81.3889		PPK	0.6 --	1.0 -	4.3 -	1.58	0.23	6.76 +	968.	53.	5.
1219	0000	-428	37.9807	81.3885		PPK	0.6 --	1.0 -	4.3 -	1.73	0.23	7.43 ++	930.	53.	5.
1220	0000	-429	37.9807	81.3880		PPK	0.6 --	0.9 -	4.1 -	1.69	0.23	7.34 ++	916.	53.	6.
1221	0000	-430	37.9807	81.3875		PPK	0.6 --	1.1	4.0 -	1.93 +	0.27	7.21 ++	917.	53.	5.
1222	0000	-431	37.9807	81.3871		PPK	0.5 --	1.3	3.8 -	2.39 +	0.34	6.98 +	937.	53.	5.
1223	0000	-432	37.9807	81.3865		PPK	0.6 --	1.3	3.8 -	2.07 +	0.34	6.02	969.	52.	5.
1224	0000	-431	37.9807	81.3860		PPK	0.8 -	1.3	3.7 -	1.75	0.35 +	4.97	1028.	53.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-431	37.9807	81.3855		PPK	0.8 -	1.5	4.1 -	1.91	0.37 +	5.11	1105.	53.	3.
1226	0000	-431	37.9807	81.3851		PPK	0.9	1.8	4.5 -	2.00 +	0.40 +	5.01	1210.	54.	2.
1227	0000	-430	37.9807	81.3846		PPK	1.0	1.9	5.2	1.80	0.36 +	5.02	1365.	52.	2.
1228	0000	-431	37.9807	81.3841		PPK	1.2	2.1	5.6	1.80	0.38 +	4.77	1491.	50.	2.
1229	0000	-432	37.9807	81.3836		PPK	1.3	2.2 +	6.0	1.71	0.37 +	4.60 -	1622.	49.	3.
1230	0000	-433	37.9807	81.3831		PPK	1.4	2.4 +	6.4	1.69	0.37 +	4.60 -	1729.	50.	3.
1231	0000	-437	37.9807	81.3827		PPK	1.4	2.3 +	7.2	1.67	0.32	5.18	1822.	48.	4.
1232	0000	-440	37.9807	81.3822		PPK	1.4 +	2.5 +	7.7 +	1.72	0.32	5.31	1869.	50.	5.
1233	0000	-441	37.9807	81.3817		PPK	1.4 +	2.1	7.8 +	1.46	0.27	5.35	1861.	49.	7.
1234	0000	-442	37.9807	81.3812		PPK	1.3	2.1	7.7 +	1.53	0.27	5.73	1769.	50.	8.
1235	0000	-444	37.9807	81.3807		PPK	1.2	1.8	7.7 +	1.44	0.23	6.16	1700.	52.	8.
1236	0000	-444	37.9807	81.3802		PPK	1.2	1.4	7.6 +	1.20	0.19 -	6.45 +	1617.	52.	10.
1237	0000	-444	37.9807	81.3797		PPK	1.1	1.1	7.3	1.02	0.16 -	6.56 +	1575.	54.	11.
1238	0000	-446	37.9808	81.3792		PPK	1.1	1.2	6.9	1.10	0.18 -	6.23 +	1548.	55.	12.
1239	0000	-446	37.9808	81.3788		PPK	1.1	1.1	6.4	1.02	0.18 -	5.81	1539.	53.	12.
1240	0000	-446	37.9808	81.3783		PPK	1.1	1.3	6.4	1.13	0.20	5.62	1568.	53.	11.
1241	0000	-446	37.9808	81.3778		PPK	1.2	1.6	6.6	1.29	0.24	5.46	1633.	51.	10.
1242	0000	-447	37.9808	81.3773		PPK	1.3	1.8	7.1	1.46	0.26	5.67	1723.	50.	10.
1243	0000	-449	37.9808	81.3768		PPK	1.3	2.5 +	7.5	1.94 +	0.33	5.87	1799.	49.	8.
1244	0000	-452	37.9808	81.3763		PPK	1.3	2.8 +	7.8 +	2.25 +	0.36 +	6.17	1805.	48.	6.
1245	0000	-453	37.9808	81.3759		PPK	1.2	3.0 +	7.6 +	2.50 +	0.39 +	6.34 +	1770.	48.	5.
1246	0000	-454	37.9808	81.3754		PPK	1.2	2.9 +	7.8 +	2.36 +	0.37 +	6.32 +	1772.	48.	4.
1247	0000	-455	37.9808	81.3749		PPK	1.2	2.8 +	7.5	2.35 +	0.38 +	6.17	1743.	48.	4.
1248	0000	-456	37.9809	81.3745		PPK	1.2	2.6 +	7.0	2.26 +	0.37 +	6.04	1695.	47.	5.
1249	0000	-457	37.9309	81.3739		PPK	1.1	2.4 +	7.1	2.11 +	0.33	6.32 +	1626.	49.	4.
1250	0000	-459	37.9809	81.3734		PPK	1.1	1.7	6.9	1.55	0.25	6.21	1560.	51.	6.
1251	0000	-460	37.9809	81.3729		PPK	1.1	1.5	6.7	1.36	0.23	5.98	1552.	53.	6.
1252	0000	-462	37.9809	81.3725		PPK	1.2	1.4	6.8	1.15	0.20	5.75	1571.	53.	7.
1253	0000	-463	37.9809	81.3720		PPK	1.1	1.5	6.9	1.35	0.22	6.14	1552.	54.	6.
1254	0000	-464	37.9809	81.3715		PPK	1.1	1.6	7.1	1.39	0.22	6.20	1572.	54.	5.
1255	0000	-465	37.9809	81.3710		PPK	1.2	1.7	6.8	1.42	0.24	5.80	1558.	57.	4.
1256	0000	-466	37.9809	81.3705		PPK	1.2	1.6	6.1	1.34	0.26	5.17	1511.	58.	5.
1257	0000	-466	37.9809	81.3700		PPK	1.1	1.8	5.6	1.61	0.32	5.00	1461.	55.	3.
1258	0000	-466	37.9809	81.3696		PPK	1.0	1.7	5.3	1.66	0.33	5.05	1361.	58.	2.
1259	0000	-466	37.9810	81.3690		PPK	0.9	1.8	4.8	1.94 +	0.38 +	5.10	1255.	59.	2.
1260	0000	-466	37.9810	81.3685		PPK	0.9	1.7	4.4 -	1.84	0.38 +	4.84	1173.	59.	2.
1261	0000	-468	37.9810	81.3681		PPK	0.8 -	1.6	4.0 -	1.91	0.39 +	4.88	1077.	59.	3.
1262	0000	-468	37.9810	81.3676		PPK	0.7 -	1.4	4.2 -	1.86	0.34	5.54	1035.	60.	3.
1263	0000	-468	37.9810	81.3671		PPK	0.7 -	1.3	4.3 -	1.78	0.31	5.80	1040.	59.	4.
1264	0000	-470	37.9810	81.3666		PPK	0.8 -	1.3	4.6 -	1.62	0.28	5.74	1073.	61.	5.
1265	0000	-473	37.9810	81.3662		PPK	0.9	1.3	5.0	1.45	0.26	5.51	1147.	57.	5.
1266	0000	-475	37.9810	81.3657		PPK	1.0	1.4	5.4	1.55	0.25	5.54	1243.	57.	5.
1267	0000	-476	37.9810	81.3652		PPK	1.0	1.5	5.9	1.55	0.26	5.91	1312.	61.	4.
1268	0000	-476	37.9810	81.3647		PPK	1.1	1.8	6.3	1.66	0.28	5.87	1424.	60.	4.
1269	0000	-476	37.9810	81.3642		PPK	1.2	1.9	6.7	1.62	0.28	5.80	1519.	58.	3.
1270	0000	-478	37.9810	81.3637		PPK	1.2	2.2 +	6.5	1.81	0.34	5.33	1585.	59.	2.
1271	0000	-478	37.9810	81.3633		PPK	1.2	2.5 +	6.8	1.99 +	0.36 +	5.48	1612.	60.	1.
1272	0000	-479	37.9810	81.3628		PPK	1.2	2.3 +	6.8	1.86	0.34	5.49	1631.	61.	0.
1273	0000	-480	37.9810	81.3623		PPK	1.3	2.1	6.9	1.62	0.30	5.39	1642.	62.	0.
1274	0000	-481	37.9810	81.3618		PPK	1.4	1.9	7.0	1.38	0.27	5.06	1659.	58.	1.
1275	0000	-482	37.9810	81.3613		PPK	1.4	1.6	7.1	1.17	0.23	5.06	1652.	59.	3.

CP 9 IP 12

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	C CPS	UAIR CPS
1276	0000	-484	37.9810	81.3608		PPK	1.5 +	1.7	7.1	1.15	0.24	4.75	1663.	60.	4.
1277	0000	-484	37.9810	81.3603		PPK	1.5 +	1.6	8.0 +	1.12	0.20	5.51	1686.	59.	5.
1278	0000	-483	37.9810	81.3599		PPK	1.5 +	1.5	7.9 +	1.01	0.19 -	5.38	1709.	56.	7.
1279	0000	-483	37.9810	81.3594		PPK	1.5 +	1.4	7.9 +	0.96 -	0.18 -	5.38	1700.	55.	9.
1280	0000	-484	37.9810	81.3588		PPK	1.4	1.4	7.7 +	1.02	0.19 -	5.48	1659.	55.	10.
1281	0000	-485	37.9811	81.3584		PPK	1.4	1.5	7.1	1.09	0.21	5.20	1641.	53.	10.
1282	0000	-485	37.9811	81.3579		PPK	1.3	1.4	7.3	1.08	0.20	5.49	1628.	52.	9.
1283	0000	-488	37.9811	81.3574		PPK	1.2	1.6	6.9	1.27	0.23	5.64	1577.	52.	8.
1284	0000	-489	37.9811	81.3570		PPK	1.1	1.8	6.0	1.61	0.31	5.23	1522.	52.	8.
1285	0000	-488	37.9811	81.3564		PPK	1.1	1.8	5.9	1.68	0.31	5.42	1480.	54.	7.
1286	0000	-490	37.9811	81.3559		PPK	1.0	1.9	5.5	1.99 +	0.36 +	5.58	1428.	55.	7.
1287	0000	-492	37.9811	81.3555		PPK	1.0	1.7	5.1	1.74	0.34	5.16	1380.	57.	9.
1288	0000	-492	37.9811	81.3550		PPK	0.9	1.5	5.3	1.66	0.29	5.78	1329.	60.	10.
1289	0000	-492	37.9811	81.3545		PPK	0.9	1.5	4.7	1.73	0.31	5.50	1251.	58.	11.
1290	0000	-493	37.9811	81.3540		PPK	0.8 -	1.2	4.7	1.49	0.25	5.88	1206.	59.	13.
1291	0000	-495	37.9811	81.3535		PPK	0.8	0.7 --	4.8	0.82 -	0.15 -	5.62	1165.	59.	15.
1292	0000	-494	37.9812	81.3530		PPK	0.9	0.5 --	4.9	0.63 --	0.11 -	5.53	1153.	58.	16.
1293	0010	-495	37.9812	81.3526		PPK	0.9	0.4 N.A.	5.1	0.49 N.A.	0.09 N.A.	5.72	1180.	57.	16.
1294	0000	-498	37.9812	81.3521		PPK	1.0	0.8 -	5.4	0.84 -	0.15 -	5.67	1240.	54.	14.
1295	0000	-499	37.9812	81.3515		PPK	1.0	0.8 -	5.7	0.83 -	0.15 -	5.68	1299.	55.	13.
1296	0000	-498	37.9812	81.3511		PPK	1.1	1.0 -	6.1	0.89 -	0.16 -	5.71	1365.	55.	12.
1297	0000	-500	37.9812	81.3506		PPK	1.2	0.8 -	6.5	0.65 --	0.12 -	5.62	1427.	53.	11.
1298	0000	-501	37.9812	81.3501		PPK	1.2	0.8 -	6.5	0.70 --	0.13 -	5.39	1483.	53.	11.
1299	0000	-500	37.9812	81.3497		PPK	1.2	0.9 -	6.9	0.71 --	0.12 -	5.70	1526.	51.	10.
1300	0000	-500	37.9812	81.3492		PPK	1.3	0.9 -	6.9	0.66 --	0.12 -	5.27	1547.	53.	9.
1301	0000	-503	37.9812	81.3487		PPK	1.3	1.0 -	7.4	0.75 -	0.13 -	5.84	1585.	53.	9.
1302	0000	-505	37.9812	81.3482		PPK	1.3	1.0 -	7.4	0.81 -	0.14 -	5.79	1594.	50.	9.
1303	0000	-505	37.9812	81.3477		PPK	1.2	0.9 -	7.4	0.72 -	0.12 -	5.92	1571.	50.	9.
1304	0000	-505	37.9812	81.3472		PPK	1.2	1.0 -	7.1	0.87 -	0.15 -	5.95	1542.	53.	8.
1305	0000	-505	37.9812	81.3467		PPK	1.1	0.9 -	7.2	0.78 -	0.12 -	6.29 +	1506.	54.	8.
1306	0000	-505	37.9812	81.3462		PPK	1.1	1.1	6.7	0.98 -	0.17 -	5.93	1470.	57.	7.
1307	0000	-506	37.9812	81.3458		PPK	1.0	1.4	6.8	1.37	0.21	6.61 +	1437.	53.	5.
1308	0000	-507	37.9812	81.3453		PPK	1.0	1.2	6.5	1.19	0.18 -	6.60 +	1367.	54.	5.
1309	0000	-507	37.9812	81.3448		PPK	0.9	1.2	6.2	1.25	0.19	6.59 +	1311.	55.	3.
1310	0000	-509	37.9812	81.3444		PPK	0.9	1.4	5.8	1.57	0.25	6.28 +	1284.	54.	2.
1311	0000	-509	37.9812	81.3438		PPK	0.9	1.6	5.7	1.80	0.27	6.54 +	1243.	54.	1.
1312	0000	-509	37.9813	81.3433		PPK	0.8 -	1.7	5.7	2.08 +	0.30	6.86 +	1209.	54.	0.
1313	0000	-508	37.9813	81.3429		PPK	0.8 -	1.6	5.4	1.98 +	0.30	6.69 +	1159.	53.	1.
1314	0000	-508	37.9813	81.3424		PPK	0.8 -	1.4	4.9	1.75	0.28	6.23 +	1110.	56.	1.
1315	0000	-510	37.9813	81.3419		PPK	0.8 -	1.3	4.5 -	1.74	0.29	5.91	1077.	57.	3.
1316	0000	-510	37.9813	81.3414		PPK	0.7 -	1.4	4.4 -	1.92	0.31	6.14	1042.	56.	3.
1317	0000	-511	37.9813	81.3409		PPK	0.7 -	1.0 -	4.2 -	1.49	0.25	6.06	1001.	59.	5.
1318	0000	-513	37.9813	81.3404		PPK	0.7 -	1.0 -	4.0 -	1.46	0.25	5.94	987.	58.	6.
1319	0000	-514	37.9813	81.3399		PPK	0.7 -	0.7 --	3.8 -	1.09	0.20	5.61	965.	60.	8.
1320	0000	-512	37.9813	81.3395		PPK	0.7 -	0.7 --	3.7 -	1.02	0.18 -	5.60	956.	61.	8.
1321	0000	-513	37.9813	81.3389		PPK	0.7 -	0.6 --	3.9 -	0.85 -	0.14 -	5.91	970.	60.	9.
1322	0000	-514	37.9813	81.3384		PPK	0.7 -	0.5 ---	4.0 -	0.79 -	0.13 -	6.04	975.	60.	10.
1323	0000	-515	37.9813	81.3380		PPK	0.7 -	0.6 --	4.0 -	0.78 -	0.14 -	5.61	995.	61.	9.
1324	0000	-516	37.9814	81.3375		PPK	0.7 -	0.5 ---	4.4 -	0.72 -	0.12 -	6.11	1028.	58.	9.
1325	0000	-515	37.9814	81.3370		PPK	0.8 -	0.5 ---	4.5 -	0.63 --	0.10 --	6.00	1055.	58.	10.
1326	0000	-515	37.9814	81.3366		PPK	0.8 -	0.7 --	4.6 -	0.90 -	0.15 -	5.85	1102.	56.	9.

CP9 LP12

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-517	37.9814	81.3360	PPK	0.8 -	0.7 --	5.1	0.93 -	0.15 -	6.38 +	1137.	55.	9.
1328	0000	-518	37.9814	81.3355	PPK	0.8 -	0.8 -	5.0	1.02	0.17 -	6.11	1154.	54.	9.
1329	0000	-517	37.9814	81.3351	PPK	0.8 -	0.9 -	5.1	1.11	0.18 -	6.15	1163.	56.	7.
1330	0000	-517	37.9814	81.3346	PPK	0.8 -	0.9 -	4.8	1.04	0.19 -	5.83	1153.	57.	7.
1331	0000	-518	37.9814	81.3341	PPK	0.8 -	1.1 -	4.6 -	1.32	0.23	5.73	1134.	59.	7.
1332	0000	-518	37.9814	81.3336	PPK	0.8 -	1.2	4.4 -	1.58	0.28	5.63	1112.	58.	6.
1333	0000	-519	37.9814	81.3332	PPK	0.8 -	1.2	4.4 -	1.53	0.28	5.57	1103.	57.	5.
1334	0000	-518	37.9814	81.3327	PPK	0.9	1.2	4.1 -	1.41	0.29	[illegible]	1115.	56.	5.
1335	0000	-516	37.9815	81.3322	PPK	0.9	1.2	4.3 -	1.35	0.28		1129.	58.	4.
1336	0000	-519	37.9815	81.3317	PPK	0.9	1.3	4.3 -	1.35	0.29	[illegible]	1159.	54.	3.
1337	0000	-522	37.9815	81.3312	PPK	1.0	1.3	4.7	1.34	0.28	4.	1212.	53.	3.
1338	0000	-519	37.9815	81.3307	PPK	1.1	1.4	4.9	1.27	0.28	4.	1266.	52.	3.
1339	0000	-519	37.9815	81.3302	PPK	1.2	1.5	5.3	1.26	0.27	4.59	1326.	53.	2.
1340	0000	-522	37.9815	81.3298	PPK	1.2	1.4	5.7	1.18	0.25	4.70	1373.	53.	2.
1341	0000	-522	37.9815	81.3292	PPK	1.2	1.5	5.9	1.25	0.26	4.74	1414.	53.	1.
1342	0000	-521	37.9815	81.3288	PPK	1.2	1.7	6.1	1.42	0.29	5.00	1459.	51.	1.
1343	0000	-523	37.9815	81.3283	PPK	1.3	1.8	6.2	1.38	0.28	4.86	1496.	51.	1.
1344	0000	-523	37.9815	81.3278	PPK	1.3	1.7	6.5	1.27	0.26	4.94	1543.	50.	1.
1345	0000	-522	37.9815	81.3273	PPK	1.4	1.8	6.8	1.33	0.27	4.91	1595.	50.	1.
1346	0000	-521	37.9815	81.3269	PPK	1.4	1.8	7.0	1.28	0.26	4.95	1661.	49.	2.
1347	0000	-520	37.9815	81.3263	PPK	1.5 +	2.0	7.1	1.33	0.28	4.71	1729.	49.	2.
1348	0000	-519	37.9815	81.3258	PPK	1.5 +	2.0	7.7 +	1.37	0.26	4.97	1795.	48.	3.
1349	0000	-519	37.9816	81.3254	PPK	1.6 +	2.0	7.5	1.23	0.27	4.62 -	1827.	48.	3.
1350	0000	-518	37.9816	81.3249	PPK	1.6 +	1.9	7.7 +	1.20	0.25	4.76	1821.	53.	4.
1351	0000	-518	37.9816	81.3244	PPK	1.6 +	2.1	7.5	1.34	0.28	4.75	1770.	53.	4.
1352	0000	-522	37.9816	81.3240	PPK	1.5 +	2.0	7.3	1.36	0.27	4.97	1710.	55.	3.
1353	0000	-525	37.9816	81.3234	PPK	1.3	2.0	6.8	1.47	0.29	5.07	1615.	55.	3.
1354	0000	-527	37.9816	81.3229	PPK	1.2	2.0	6.3	1.70	0.31	5.42	1491.	56.	2.
1355	0000	-529	37.9816	81.3225	PPK	1.1	2.0	5.5	1.88	0.36 +	5.16	1384.	56.	2.
1356	0000	-530	37.9816	81.3220	PPK	1.0	2.0	5.4	2.07 +	0.37 +	5.62	1313.	58.	2.
1357	0000	-530	37.9816	81.3214	PPK	0.9	2.1	5.1	2.22 +	0.40 +	5.54	1283.	55.	2.
1358	0000	-531	37.9816	81.3210	PPK	0.9	1.9	5.2	2.17 +	0.36 +	5.94	1268.	56.	3.
1359	0000	-534	37.9816	81.3205	PPK	0.8	1.9	5.4	2.20 +	0.34	6.41 +	1290.	55.	4.
1360	0000	-532	37.9816	81.3200	PPK	0.9	1.7	5.7	1.91	0.29	6.51 +	1330.	56.	5.
1361	0000	-531	37.9816	81.3195	PPK	1.0	1.7	6.6	1.65	0.25	6.54 +	1414.	53.	7.
1362	0000	-534	37.9816	81.3191	PPK	1.0	1.5	6.9	1.41	0.21	6.75 +	1475.	52.	8.
1363	0000	-536	37.9816	81.3186	PPK	1.1	1.1	7.2	1.01	0.16 -	6.35 +	1520.	50.	10.
1364	0000	-535	37.9816	81.3181	PPK	1.2	1.1	7.3	0.92 -	0.15 -	6.12	1589.	51.	11.
1365	0000	-535	37.9816	81.3176	PPK	1.3	1.3	7.8 +	0.97 -	0.17 -	5.90	1692.	53.	10.
1366	0000	-534	37.9816	81.3171	PPK	1.4	1.3	7.8 +	0.91 -	0.17 -	5.50	1719.	52.	9.
1367	0000	-534	37.9817	81.3166	PPK	1.5 +	1.3	8.0 +	0.87 -	0.16 -	5.34	1728.	51.	8.
1368	0000	-535	37.9817	81.3162	PPK	1.4 +	1.2	7.5	0.81 -	0.16 -	5.19	1685.	53.	7.
1369	0000	-536	37.9817	81.3157	PPK	1.4 +	1.2	7.3	0.85 -	0.17 -	5.09	1636.	55.	6.
1370	0000	-537	37.9817	81.3152	PPK	1.4	1.5	7.3	1.07	0.20	5.29	1606.	54.	4.
1371	0000	-537	37.9817	81.3147	PPK	1.3	1.4	7.1	1.02	0.19	5.29	1553.	54.	5.
1372	0000	-538	37.9817	81.3142	PPK	1.2	1.3	6.8	1.03	0.19	5.46	1485.	53.	6.
1373	0000	-539	37.9817	81.3137	PPK	1.2	1.4	6.7	1.15	0.21	5.43	1480.	55.	7.
1374	0000	-539	37.9817	81.3132	PPK	1.2	1.3	7.1	1.05	0.18 -	5.86	1539.	54.	9.
1375	0000	-540	37.9817	81.3128	PPK	1.3	1.2	7.3	0.92 -	0.17 -	5.55	1621.	55.	11.
1376	0000	-540	37.9817	81.3123	PPK	1.3	1.2	7.4	0.88 -	0.16 -	5.54	1684.	54.	12.
1377	0000	-540	37.9817	81.3117	PPK	1.4	0.9 -	7.7 +	0.67 --	0.12 -	5.47	1753.	56.	14.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292 PAGE 28

ID	QUAL (AKUT)	MAG	LAT	LONG	RK	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-542	37.9817	81.3113		PPK	1.4	1.0 -	8.2 +	0.72 --	0.13 -	5.81	1795.	55.	14.
1379	0000	-543	37.9817	81.3108		PPK	1.4 +	0.9 -	8.4 +	0.65 --	0.11 -	5.80	1819.	54.	14.
1380	0000	-542	37.9818	81.3103		PPK	1.5 +	0.8 -	8.1 +	0.55 --	0.10 --	5.46	1801.	52.	13.
1381	0000	-543	37.9818	81.3099		PPK	1.5 +	0.9 -	7.5	0.63 --	0.12 -	5.11	1723.	51.	10.
1382	0000	-544	37.9818	81.3094		PPK	1.3	1.1	7.4	0.86 -	0.15 -	5.75	1605.	51.	8.
1383	0000	-543	37.9818	81.3088		PPK	1.3	1.2	7.2	0.92 -	0.16 -	5.74	1521.	52.	6.
1384	0000	-543	37.9818	81.3083		PPK	1.2	1.2	6.7	1.03	0.18 -	5.65	1432.	49.	4.
1385	0000	-544	37.9818	81.3079		PPK	1.1	1.3	6.2	1.19	0.21	5.67	1329.	50.	3.
1386	0000	-544	37.9818	81.3074		PPNR	1.0	1.4	5.6	1.43	0.25	5.81	1247.	50.	2.
1387	0000	-545	37.9818	81.3069		PPNR	0.9	1.4	5.4	1.56	0.25	6.23	1182.	53.	1.
1388	0000	-546	37.9818	81.3065		PPNR	0.8	1.4	5.2	1.68	0.27	6.19	1146.	55.	1.
1389	0000	-545	37.9818	81.3059		PPNR	0.9	1.3	4.6	1.49	0.28	5.23 -	1137.	55.	2.
1390	0000	-546	37.9818	81.3054		PPNR	0.8	1.4	4.5 -	1.69	0.31	5.54	1143.	51.	2.
1391	0000	-548	37.9818	81.3050		PPNR	0.8	1.5	4.6	1.88	0.32	5.79	1131.	55.	3.
1392	0000	-545	37.9818	81.3045		PPNR	0.8	1.3	4.6	1.57	0.28	5.63	1142.	53.	4.
1393	0000	-544	37.9818	81.3040		PPNR	0.9	1.1 -	4.6	1.25 -	0.24	5.18 -	1132.	52.	6.
1394	0000	-547	37.9818	81.3035		PPNR	0.9	1.0 -	4.6	1.14 -	0.22	5.14 -	1126.	53.	7.
1395	0000	-548	37.9818	81.3031		PPNR	0.9	1.1 -	4.4 -	1.26 -	0.25	5.12 -	1110.	50.	8.
1396	0000	-548	37.9818	81.3026		PPNR	0.8	1.0 -	4.4 -	1.21 -	0.23	5.34 -	1110.	49.	8.
1397	0000	-548	37.9818	81.3020		PPNR	0.9	0.7 -	4.7	0.81 --	0.15 --	5.40 -	1095.	54.	10.
1398	0000	-547	37.9818	81.3016		PPNR	0.9	0.7 -	4.5 -	0.78 --	0.15 --	5.27 -	1112.	54.	10.
1399	0000	-548	37.9818	81.3011		PPNR	0.9	0.9 -	4.5 -	0.97 -	0.19 -	5.12 -	1130.	55.	9.
1400	0000	-549	37.9819	81.3006		PPNR	0.9	1.1 -	4.7	1.29 -	0.24	5.42	1174.	55.	8.
1401	0000	-549	37.9819	81.3002		PPNR	0.9	1.3	4.7	1.42	0.28	5.06 -	1227.	54.	7.
1402	0000	-550	37.9819	81.2997		PPNR	1.0	1.5	5.0	1.52	0.31	4.92 -	1319.	56.	5.
1403	0000	-550	37.9819	81.2991		PPNR	1.2	1.9	5.7	1.62	0.34	4.82 -	1453.	58.	4.
1404	0000	-550	37.9819	81.2987		PPNR	1.4 +	2.2	6.0	1.62	0.37	4.37 --	1592.	57.	3.
1405	0000	-551	37.9819	81.2982		PPNR	1.6 ++	2.2	6.4	1.41	0.34	4.10 --	1701.	57.	2.
1406	0000	-551	37.9819	81.2977		PPNR	1.7 ++	2.3 +	6.9	1.35	0.33	4.13 --	1831.	55.	2.
1407	0000	-550	37.9819	81.2972		PPNR	1.8 ++	2.2	7.0	1.23 -	0.32	3.84 --	1917.	57.	3.
1408	0000	-550	37.9819	81.2968		PPNR	1.8 ++	2.1	7.6 +	1.16 -	0.28	4.14 --	1957.	58.	4.
1409	0000	-551	37.9819	81.2962		PPNR	1.8 ++	2.0	7.9 +	1.07 -	0.25	4.34 --	1935.	57.	5.
1410	0000	-551	37.9819	81.2957		PPNR	1.7 ++	1.8	7.8 +	0.93 --	0.20 -	4.64 -	1851.	54.	6.
1411	0000	-551	37.9820	81.2953		PPNR	1.5 +	1.7	7.3	1.09 -	0.23	4.77 -	1761.	51.	7.
1412	0000	-552	37.9820	81.2948		PPNR	1.4 +	1.7	7.2	1.26 -	0.24	5.26 -	1673.	50.	7.
1413	0000	-552	37.9820	81.2942		PPNR	1.3 +	1.6	7.1	1.24 -	0.22	5.57	1592.	53.	8.
1414	0000	-552	37.9820	81.2938		PPNR	1.1	1.5	6.9	1.32 -	0.22	6.00	1497.	50.	8.
1415	0000	-553	37.9820	81.2933		PPK	1.1	1.4	6.4	1.26	0.22	5.81	1422.	49.	8.
1416	0000	-554	37.9820	81.2928		PPK	1.0	1.4	5.9	1.34	0.23	5.77	1360.	49.	7.
1417	0000	-554	37.9820	81.2924		PPK	1.0	1.4	5.6	1.42	0.25	5.67	1321.	50.	6.
1418	0000	-555	37.9820	81.2919		PPK	1.0	1.3	5.9	1.33	0.22	6.18	1286.	51.	5.
1419	0000	-556	37.9820	81.2914		PPK	1.0	1.3	5.9	1.33	0.21	6.25 +	1267.	52.	4.
1420	0000	-555	37.9820	81.2909		PPK	1.0	1.8	6.0	1.91	0.30	6.31 +	1289.	50.	3.
1421	0000	-557	37.9820	81.2904		PPK	1.0	2.1	6.3	2.14 +	0.34	6.27 +	1351.	48.	2.
1422	0000	-558	37.9820	81.2899		PPK	1.0	2.5 +	6.7	2.43 +	0.37 +	6.56 +	1418.	49.	2.
1423	0000	-556	37.9820	81.2894		PPK	1.1	2.3 +	6.9	2.02 +	0.33	6.18	1455.	47.	2.
1424	0000	-554	37.9820	81.2889		PPK	1.2	2.4 +	6.9	2.04 +	0.35 +	5.75	1482.	47.	1.
1425	0000	-555	37.9820	81.2884		PPK	1.3	2.5 +	6.7	2.02 +	0.38 +	5.33	1521.	48.	1.
1426	0000	-554	37.9820	81.2880		PPK	1.2	2.9 +	6.6	2.36 +	0.45 ++	5.26	1558.	48.	2.
1427	0000	-555	37.9820	81.2875		PPK	1.2	2.4 +	6.1	1.91	0.39 +	4.94	1507.	49.	2.
1428	0000	-557	37.9820	81.2870		PPK	1.2	1.7	6.5	1.44	0.26	5.42	1445.	50.	3.

CP 9 IP 12

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-557	37.9820	81.2865	PPK	1.1	1.5	6.2	1.35	0.24	5.54	1384.	49.	4.
1430	0000	-557	37.9820	81.2860	PPK	1.0	1.4	6.0	1.37	0.24	5.70	1362.	49.	5.
1431	0000	-559	37.9820	81.2856	PPK	0.9	1.3	6.0	1.36	0.21	5.43 +	1341.	48.	6.
1432	0000	-561	37.9821	81.2850	PPK	0.8 -	1.4	5.9	1.67	0.24	7.08 +	1307.	47.	7.
1433	0000	-560	37.9821	81.2846	PPK	0.8 -	0.8 -	5.9	1.01	0.14 -	7.40 ++	1250.	48.	8.
1434	0000	-559	37.9821	81.2841	PPK	0.8 -	0.9 -	5.8	1.19	0.16 -	7.56 ++	1241.	47.	9.
1435	0000	-560	37.9821	81.2836	PPK	0.7 -	1.5	5.0	1.99 +	0.29	6.79 +	1234.	48.	9.
1436	0000	-561	37.9821	81.2831	PPK	0.8 -	1.5	5.1	1.92	0.29	6.63 +	1237.	49.	8.
1437	0000	-561	37.9821	81.2827	PPK	0.7 -	1.8	5.4	2.52 +	0.34	7.44 ++	1234.	47.	6.
1438	0000	-561	37.9821	81.2822	PPK	0.8 -	1.9	5.4	2.55 +	0.36 +	7.16 ++	1230.	47.	6.
1439	0000	-561	37.9821	81.2816	PPK	0.8 -	1.7	5.6	2.11 +	0.30	7.01 +	1223.	49.	5.
1440	0000	-562	37.9821	81.2812	PPK	0.8 -	1.9	5.6	2.29 +	0.34	6.84 +	1224.	48.	3.
1441	0000	-564	37.9821	81.2807	PPK	0.8 -	1.9	5.4	2.37 +	0.34	6.95 +	1199.	47.	3.
1442	0000	-565	37.9821	81.2802	PPK	0.8 -	1.6	5.8	2.11 +	0.28	7.47 ++	1191.	46.	2.
1443	0000	-565	37.9822	81.2798	PPK	0.8 -	1.8	5.8	2.28 +	0.31	7.40 ++	1202.	47.	1.
1444	0000	-565	37.9822	81.2793	PPK	0.8 -	1.8	5.9	2.21 +	0.30	7.27 ++	1225.	50.	1.
1445	0000	-565	37.9822	81.2787	PPNR	0.9	1.8	5.8	2.11	0.32	6.61	1253.	52.	1.
1446	0000	-567	37.9822	81.2783	PPNR	0.8	1.9	5.6	2.32	0.34	6.75	1250.	51.	1.
1447	0000	-568	37.9822	81.2778	PPNR	0.8	1.9	5.9	2.22	0.32	7.00	1276.	51.	2.
1448	0000	-567	37.9822	81.2773	PPNR	0.8	1.9	6.2	2.29	0.31	7.47	1296.	53.	2.
1449	0000	-567	37.9822	81.2768	PPNR	0.9	2.0	6.1	2.23	0.32	6.89	1322.	54.	3.
1450	0000	-567	37.9822	81.2763	PPNR	0.9	1.8	6.0	1.97	0.30	6.52	1324.	56.	4.
1451	0000	-567	37.9822	81.2758	PPNR	0.9	1.7	5.5	1.87	0.32	5.84	1302.	58.	5.
1452	0000	-569	37.9822	81.2753	PPNR	0.9	1.7	5.7	1.85	0.29	6.38	1308.	56.	5.
1453	0000	-569	37.9822	81.2749	PPNR	1.0	1.8	6.1	1.88	0.30	6.38	1349.	53.	5.
1454	0000	-568	37.9822	81.2744	PPNR	1.0	2.0	6.0	2.04	0.33	6.25	1360.	51.	4.
1455	0000	-568	37.9822	81.2738	PPNR	1.0	2.0	5.8	2.13	0.35	6.10	1377.	50.	3.
1456	0000	-570	37.9822	81.2734	PPNR	0.9	2.1	5.8	2.23	0.35	6.30	1389.	51.	3.
1457	0000	-571	37.9822	81.2729	PPNR	0.9	2.3 +	5.7	2.57 +	0.41 +	6.34	1396.	50.	2.
1458	0000	-570	37.9822	81.2724	PPNR	0.9	2.4 +	5.8	2.64 +	0.41 +	6.42	1398.	47.	2.
1459	0000	-571	37.9822	81.2720	PPNR	0.9	2.3 +	5.7	2.52	0.40 +	6.24	1370.	48.	2.
1460	0000	-572	37.9822	81.2715	PPNR	0.9	2.3 +	5.3	2.57 +	0.43 +	5.92	1342.	49.	2.
1461	0000	-572	37.9822	81.2710	PPNR	0.9	2.1	5.3	2.30	0.40 +	5.70	1326.	51.	2.
1462	0000	-574	37.9822	81.2705	PPNR	1.0	2.0	5.6	2.07	0.36	5.74	1324.	52.	3.
1463	0000	-576	37.9822	81.2701	PPNR	1.0	2.0	5.6	2.04	0.35	5.76	1302.	50.	3.
1464	0000	-575	37.9822	81.2695	PPNR	0.9	1.6	5.7	1.68	0.28	6.01	1267.	48.	5.
1465	0000	-575	37.9823	81.2690	PPNR	0.9	1.7	5.4	1.86	0.31	5.96	1254.	48.	6.
1466	0000	-576	37.9823	81.2686	PPNR	0.9	1.9	5.1	2.13	0.37	5.79	1239.	49.	7.
1467	0000	-577	37.9823	81.2681	PPNR	0.8	1.6	4.9	1.96	0.33	5.95	1226.	49.	8.
1468	0000	-577	37.9823	81.2676	PPNR	0.8	1.4	5.2	1.87	0.28	6.75	1244.	48.	10.
1469	0000	-577	37.9823	81.2671	PPNR	0.8	1.3	5.3	1.74	0.25	6.91	1244.	48.	10.
1470	0000	-578	37.9823	81.2666	PPNR	0.8	1.2	5.3	1.60	0.23	6.89	1257.	48.	11.
1471	0000	-580	37.9823	81.2661	PPNR	0.7	1.5	5.3	2.06	0.29	7.09	1282.	50.	11.
1472	0000	-580	37.9823	81.2657	PPNR	0.8	1.3	5.8	1.60	0.22	7.30	1316.	49.	11.
1473	0000	-579	37.9823	81.2652	PPNR	0.8	1.3	6.0	1.62	0.21	7.57	1335.	47.	10.
1474	0000	-580	37.9823	81.2647	PPNR	0.8	1.3	6.0	1.65	0.22	7.45	1321.	46.	9.
1475	0000	-582	37.9823	81.2642	PPNR	0.8	1.5	5.4	1.81	0.27	6.62	1267.	47.	8.
1476	0000	-582	37.9823	81.2637	PPNR	0.8	1.7	4.8	2.13	0.35	6.07	1225.	46.	7.
1477	0000	-583	37.9823	81.2630	PPNR	0.8	1.6	4.9	2.17	0.34	6.42	1198.	48.	5.
1478	0000	-584	37.9823	81.2625	PPK	0.8 -	1.6	5.1	1.94 +	0.31	6.27 +	1199.	46.	4.
1479	0000	-584	37.9823	81.2619	PPK	0.8 -	1.6	5.1	1.94 +	0.31	6.17	1194.	46.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-585	37.9823	81.2614	PPK	0.8	1.5	4.9	1.83	0.32	5.79	1208.	47.	4.
1481	0000	-586	37.9823	81.2607	PPK	0.9	1.7	5.4	1.81	0.30	5.97	1260.	49.	3.
1482	0000	-587	37.9823	81.2601	PPK	1.0	1.9	5.5	1.96 +	0.34	5.75	1310.	48.	3.
1483	0000	-588	37.9823	81.2596	PPK	1.0	1.8	5.7	1.86	0.32	5.79	1344.	47.	3.
1484	0000	-589	37.9823	81.2590	PPK	1.0	2.0	5.9	2.04 +	0.34	5.96	1368.	44.	2.
1485	0000	-589	37.9823	81.2584	PPK	1.0	1.9	5.8	1.88	0.33	5.65	1365.	44.	2.
1486	0000	-589	37.9823	81.2579	PPK	1.0	2.2 +	5.6	2.32 +	0.39 +	5.92	1337.	46.	2.
1487	0000	-590	37.9823	81.2573	PPK	1.0	2.2 +	5.9	2.24 +	0.37 +	6.05	1333.	46.	1.
1488	0000	-592	37.9823	81.2567	PPK	0.9	2.1	5.8	2.25 +	0.38 +	5.97	1309.	45.	1.
1489	0000	-592	37.9823	81.2561	PPK	0.9	1.7	6.0	1.89	0.29	6.62 +	1297.	43.	1.
1490	0000	-591	37.9822	81.2555	PPK	0.9	1.7	6.1	1.84	0.27	6.75 +	1279.	45.	1.
1491	0000	-591	37.9822	81.2550	PPK	0.9	1.4	6.0	1.53	0.24	6.40 +	1255.	48.	1.
1492	0000	-592	37.9822	81.2544	PPK	0.9	1.5	5.9	1.68	0.25	6.80 +	1231.	50.	2.
1493	0000	-592	37.9822	81.2539	PPK	0.9	1.2	6.0	1.37	0.21	6.59 +	1235.	48.	2.
1494	0000	-593	37.9822	81.2533	PPNR	0.8	1.2	6.0	1.52	0.21 -	7.37	1206.	50.	3.
1495	0000	-595	37.9822	81.2527	PPNR	0.8	1.6	5.7	2.03	0.28	7.20	1190.	48.	3.
1496	0000	-596	37.9822	81.2521	PPNR	0.8	1.9	5.6	2.36	0.33	7.19	1182.	48.	3.
1497	0000	-596	37.9822	81.2515	PPNR	0.8	1.9	5.5	2.37	0.35	6.86	1208.	48.	3.
1498	0000	-597	37.9822	81.2510	PPNR	0.8	2.1	5.7	2.63 +	0.36	7.21	1232.	47.	3.
1499	0000	-598	37.9822	81.2504	PPNR	0.8	2.2	6.0	2.62 +	0.37	7.10	1295.	46.	3.
1500	0000	-599	37.9822	81.2498	PPNR	0.9	2.3 +	5.9	2.63 +	0.39 +	6.68	1350.	45.	3.
1501	0000	-599	37.9822	81.2492	PPNR	1.0	2.5 +	5.8	2.50	0.43 +	5.87	1407.	44.	2.
1502	0000	-600	37.9822	81.2486	PPNR	1.0	2.1	6.3	1.97	0.33	6.02	1459.	47.	3.
1503	0000	-600	37.9822	81.2481	PPNR	1.1	2.2	6.0	2.11	0.38 +	5.63	1488.	47.	3.
1504	0000	-599	37.9822	81.2475	PPNR	1.1	2.2	6.1	2.09	0.36	5.77	1469.	48.	3.
1505	0000	-599	37.9821	81.2469	PPNR	1.0	1.9	5.7	1.79	0.33	5.94	1424.	47.	3.
1506	0000	-600	37.9821	81.2463	PPNR	1.0	1.7	5.1	1.73	0.34	5.1[illegible] -	1360.	50.	4.
1307	0000	-601	37.9821	81.2457	PPNR	0.9	1.6	5.3	1.65	0.30	5.[illegible]	1295.	51.	4.
1508	0000	-601	37.9821	81.2452	PPNR	0.9	1.3	5.2	1.47	0.25	5.88	1229.	52.	5.
1509	0000	-603	37.9821	81.2446	PPNR	0.8	1.3	4.6	1.65	0.29	5.64	1153.	51.	5.
1510	0000	-605	37.9821	81.2440	PPNR	0.8	1.2	4.8	1.53	0.25	6.15	1107.	52.	5.
1511	0000	-604	37.9821	81.2435	PPNR	0.8	1.1 -	4.7	1.47	0.24	6.10	1094.	52.	5.
1512	0000	-605	37.9821	81.2429	PPNR	0.8	1.2	4.6	1.56	0.27	5.82	1101.	52.	5.
1513	0000	-607	37.9821	81.2423	PPNR	0.8	1.2	4.8	1.62	0.26	6.23	1110.	50.	5.
1514	0000	-607	37.9821	81.2417	PPNR	0.8	1.3	4.8	1.67	0.27	6.12	1122.	51.	5.
1515	0000	-607	37.9821	81.2411	PPNR	0.8	1.3	5.1	1.60	0.26	6.18	1140.	50.	5.
1516	0000	-608	37.9821	81.2406	PPNR	0.8	1.1 -	5.2	1.36	0.22	6.25	1160.	48.	6.
1517	0000	-609	37.9821	81.2400	PPNR	0.9	1.1 -	4.9	1.32 -	0.23	5.70	1177.	50.	6.
1518	0000	-609	37.9821	81.2394	PPNR	0.9	1.2	5.0	1.40	0.24	5.74	1205.	49.	7.
1519	0000	-611	37.9821	81.2388	PPNR	0.9	1.3	5.1	1.47	0.25	5.81	1236.	50.	7.
1520	0000	-610	37.9820	81.2382	PPNR	0.9	1.2	5.2	1.32 -	0.23	5.77	1245.	48.	7.
1521	0000	-610	37.9820	81.2377	PPNR	0.9	1.2	5.1	1.38	0.24	5.77	1242.	46.	7.
1522	0000	-610	37.9820	81.2371	PPNR	0.9	1.3	5.2	1.52	0.25	5.98	1253.	46.	7.
1523	0000	-612	37.9820	81.2365	PPK	0.9	1.4	5.3	1.65	0.27	6.17	1248.	48.	6.
1524	0000	-612	37.9820	81.2360	PPK	0.9	1.4	5.7	1.59	0.24	6.74 +	1251.	45.	6.
1525	0000	-612	37.9820	81.2354	PPK	0.9	1.2	5.6	1.41	0.22	6.37 +	1238.	47.	5.
1526	0000	-612	37.9820	81.2348	PPK	0.9	1.5	5.7	1.65	0.26	6.44 +	1253.	45.	4.
1527	0000	-612	37.9820	81.2342	PPK	0.9	1.5	5.6	1.69	0.27	6.24 +	1244.	47.	3.
1528	0000	-614	37.9820	81.2337	PPK	0.9	1.7	5.4	1.90	0.31	6.11	1247.	47.	3.
1529	0000	-616	37.9820	81.2331	PPK	0.9	1.7	5.2	1.88	0.32	5.81	1233.	49.	2.
1530	0000	-617	37.9820	81.2325	PPK	0.9	1.7	5.1	1.88	0.33	5.71	1223.	48.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-618	37.9820	81.2320		PPK	0.9	1.8	4.8	1.99 +	0.37 +	5.41	1221.	52.	1.
1532	0000	-618	37.9820	81.2314		PPK	0.9	1.9	5.1	2.25 +	0.38 +	5.95	1214.	53.	0.
1533	0000	-618	37.9820	81.2307		PPK	0.8 -	1.8	5.0	2.33 +	0.37 +	6.30 +	1190.	55.	0.
1534	0000	-619	37.9820	81.2302		PPK	0.8 -	1.9	5.2	2.34 +	0.36 +	6.48 +	1207.	54.	0.
1535	0000	-620	37.9819	81.2296		PPK	0.9	1.7	5.7	1.96 +	0.31	6.41 +	1241.	57.	1.
1536	0000	-620	37.9819	81.2290		PPK	0.9	1.8	5.6	1.99 +	0.32	6.27 +	1268.	57.	1.
1537	0000	-621	37.9819	81.2284		PPK	0.9	2.0	5.8	2.22 +	0.34	6.41 +	1318.	58.	2.
1538	0000	-621	37.9819	81.2279		PPK	0.9	2.1	5.9	2.37 +	0.37 +	6.53 +	1355.	54.	3.
1539	0000	-622	37.9819	81.2273		PPK	0.9	2.0	6.1	2.16 +	0.33	6.58 +	1392.	52.	4.
1540	0000	-623	37.9819	81.2267		PPK	1.0	1.8	6.3	1.83	0.29	6.32 +	1428.	53.	5.
1541	0000	-622	37.9819	81.2262		PPK	1.0	2.1	6.3	2.22 +	0.34	6.50 +	1455.	53.	5.
1542	0000	-622	37.9819	81.2256		PPK	1.0	2.1	6.2	2.18 +	0.33	6.57 +	1464.	50.	6.
1543	0000	-625	37.9819	81.2251		PPK	0.9	2.0	6.5	2.16 +	0.31	7.00 +	1468.	51.	5.
1544	0000	-627	37.9819	81.2245		PPK	0.9	2.0	6.3	2.11 +	0.32	6.64 +	1440.	52.	5.
1545	0000	-626	37.9819	81.2239		PPK	0.9	1.9	6.3	2.02 +	0.30	6.78 +	1411.	55.	4.
1546	0000	-625	37.9819	81.2233		PPK	0.9	1.8	5.9	2.04 +	0.31	6.66 +	1360.	55.	3.
1547	0000	-627	37.9819	81.2227		PPK	0.8 -	1.9	5.8	2.27 +	0.32	7.05 +	1314.	54.	2.
1548	0000	-628	37.9819	81.2221		PPK	0.8 -	1.5	5.7	1.79	0.26	6.82 +	1267.	52.	2.
1549	0000	-628	37.9819	81.2216		PPK	0.8 -	1.6	5.4	2.01 +	0.29	6.84 +	1218.	55.	1.
1550	0000	-629	37.9818	81.2210		PPK	0.7 -	1.6	5.3	2.14 +	0.30	7.08 +	1181.	55.	0.
1551	0000	-631	37.9818	81.2204		PPK	0.8 -	1.5	5.3	1.96 +	0.28	6.92 +	1169.	55.	0.
1552	0000	-632	37.9818	81.2198		PPK	0.8 -	1.4	5.3	1.71	0.26	6.56 +	1166.	54.	0.
1553	0000	-632	37.9818	81.2192		PPK	0.8 -	1.5	5.5	1.81	0.27	6.75 +	1193.	55.	0.
1554	0000	-632	37.9818	81.2187		PPK	0.8	1.5	5.5	1.78	0.27	6.49 +	1236.	56.	1.
1555	0000	-633	37.9818	81.2181		PPK	0.9	1.6	5.5	1.82	0.29	6.19	1282.	57.	1.
1556	0000	-633	37.9818	81.2175		PPK	1.0	1.6	6.1	1.66	0.26	6.33 +	1340.	56.	1.
1557	0000	-632	37.9818	81.2170		PPK	1.0	1.7	6.2	1.65	0.28	5.95	1402.	55.	1.
1558	0000	-632	37.9818	81.2164		PPK	1.1	1.7	6.4	1.56	0.26	5.89	1453.	53.	1.
1559	0000	-634	37.9818	81.2158		PPK	1.1	1.9	6.7	1.71	0.28	6.15	1474.	53.	1.
1560	0000	-633	37.9818	81.2152		PPK	1.1	1.9	6.8	1.69	0.27	6.16	1479.	52.	2.
1561	0000	-633	37.9818	81.2147		PPK	1.1	1.8	6.6	1.66	0.27	6.02	1463.	52.	1.
1562	0000	-634	37.9818	81.2141		PPK	1.1	1.8	6.7	1.74	0.27	6.36 +	1430.	50.	1.
1563	0000	-635	37.9818	81.2135		PPK	1.0	1.8	6.5	1.83	0.28	6.62 +	1384.	47.	2.
1564	0000	-637	37.9817	81.2129		PPK	0.9	1.6	6.2	1.66	0.25	6.51 +	1339.	48.	3.
1565	0000	-637	37.9817	81.2123		PPK	0.8 -	1.6	6.2	1.97 +	0.25	7.77 ++	1304.	50.	4.
1566	0000	-637	37.9817	81.2118		PPK	0.7 -	1.6	6.1	2.13 +	0.26	8.14 ++	1291.	50.	5.
1567	0000	-638	37.9817	81.2112		PPK	0.7 -	1.6	5.8	2.31 +	0.28	8.21 ++	1282.	51.	6.
1568	0000	-640	37.9817	81.2106		PPK	0.7 -	1.6	5.8	2.17 +	0.27	8.10 ++	1282.	49.	8.
1569	0000	-640	37.9817	81.2101		PPK	0.7 -	1.7	5.7	2.36 +	0.29	8.06 ++	1306.	50.	10.
1570	0000	-641	37.9817	81.2094		PPK	0.8 -	1.5	5.7	1.94 +	0.26	7.49 ++	1329.	50.	12.
1571	0000	-642	37.9817	81.2088		PPK	0.8 -	1.3	6.2	1.73	0.21	8.10 ++	1330.	50.	13.
1572	0000	-642	37.9817	81.2083		PPK	0.8 -	1.4	5.9	1.66	0.23	7.23 ++	1329.	49.	14.
1573	0000	-642	37.9817	81.2077		PPK	0.8	1.2	5.8	1.40	0.20	6.87 +	1338.	49.	14.
1574	0000	-643	37.9817	81.2072		PPK	0.9	1.0 -	6.3	1.11	0.16 -	6.82 +	1362.	48.	14.
1575	0000	-645	37.9817	81.2066		PPK	0.9	1.1	6.4	1.24	0.17 -	7.18 ++	1362.	49.	13.
1576	0000	-646	37.9817	81.2061		PPK	0.9	1.1 -	6.4	1.17	0.17 -	7.07 +	1350.	50.	13.
1577	0000	-647	37.9817	81.2055		PPK	0.9	1.2	6.4	1.36	0.19	7.17 ++	1361.	50.	11.
1578	0000	-648	37.9817	81.2048		PPK	0.9	1.6	6.3	1.71	0.25	6.84 +	1404.	49.	10.
1579	0000	-650	37.9816	81.2043		PPK	1.0	1.4	6.6	1.37	0.21	6.44 +	1430.	50.	9.
1580	0000	-651	37.9816	81.2037		PPK	1.0	1.6	7.1	1.57	0.23	6.79 +	1453.	49.	8.
1581	0000	-652	37.9816	81.2031		PPK	1.1	1.6	6.9	1.54	0.24	6.52 +	1472.	48.	7.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-652	37.9816	81.2025		PPK	1.0	1.7	7.1	1.68	0.25	6.82 +	1476.	48.	7.
1583	0000	-653	37.9816	81.2020		PPK	1.1	1.6	7.1	1.47	0.22	6.63 +	1468.	49.	7.
1584	0000	-655	37.9816	81.2014		PPK	1.1	1.6	6.5	1.47	0.24	6.15	1422.	51.	7.
1585	0000	-656	37.9816	81.2008		PPK	1.0	1.5	6.1	1.48	0.24	6.15	1377.	50.	7.
1586	0000	-657	37.9816	81.2002		PPK	0.9	1.7	6.1	1.85	0.28	6.58 +	1362.	51.	6.
1587	0000	-658	37.9816	81.1997		PPK	0.9	1.6	5.9	1.81	0.28	6.57 +	1323.	52.	6.
1588	0000	-660	37.9816	81.1991		PPK	0.8	1.6	5.9	1.84	0.26	6.95 +	1266.	54.	5.
1589	0000	-661	37.9816	81.1985		PPK	0.9	1.5	5.7	1.66	0.27	6.23 +	1265.	54.	4.
1590	0000	-661	37.9816	81.1980		PPK	0.9	1.5	5.8	1.60	0.25	6.28 +	1275.	55.	4.
1591	0000	-663	37.9816	81.1974		PPK	0.9	1.5	6.0	1.58	0.25	6.45 +	1288.	53.	3.
1592	0000	-665	37.9816	81.1968		PPK	0.9	1.5	6.3	1.62	0.24	6.67 +	1287.	53.	2.
1593	0000	-666	37.9816	81.1962		PPK	0.9	1.6	6.0	1.74	0.27	6.55 +	1258.	53.	2.
1594	0000	-667	37.9815	81.1957		PPK	0.9	1.5	5.7	1.61	0.26	6.21	1252.	52.	2.
1595	0000	-669	37.9815	81.1951		PPK	0.9	1.9	5.3	2.14 +	0.36 +	5.95	1260.	53.	1.
1596	0000	-670	37.9815	81.1945		PPK	0.9	1.7	5.0	1.99 +	0.35	5.77	1254.	53.	1.
1597	0000	-672	37.9815	81.1939		PPK	0.9	1.8	5.0	2.14 +	0.36 +	5.91	1251.	53.	1.
1598	0000	-674	37.9815	81.1933		PPK	0.8 -	1.9	5.3	2.26 +	0.35 +	6.36 +	1253.	55.	1.
1599	0000	-675	37.9815	81.1928		PPK	0.9	1.8	5.4	2.07 +	0.33	6.30 +	1255.	56.	2.
1600	0000	-677	37.9815	81.1922		PPK	0.8	1.8	5.6	2.07 +	0.31	6.64 +	1272.	53.	1.
1601	0000	-677	37.9815	81.1916		PPNR	0.9	1.7	5.7	1.96	0.30	6.55	1284.	53.	3.
1602	0000	-677	37.9815	81.1910		PPNR	0.9	1.4	5.8	1.58	0.24	6.46	1291.	53.	4.
1603	0000	-679	37.9815	81.1904		PPNR	0.9	1.4	5.6	1.61	0.25	6.45	1278.	54.	5.
1604	0000	-681	37.9815	81.1898		PPNR	0.8	1.7	5.0	1.99	0.33	5.99	1268.	53.	5.
1605	0000	-681	37.9815	81.1893		PPNR	0.9	1.5	5.0	1.77	0.31	5.80	1271.	51.	6.
1606	0000	-681	37.9815	81.1888		PPNR	0.9	1.5	4.7	1.70	0.32	5.34 -	1289.	52.	7.
1607	0000	-683	37.9815	81.1882		PPNR	0.8	1.4	5.0	1.60	0.27	5.95	1296.	54.	9.
1608	0000	-686	37.9815	81.1876		PPNR	0.8	1.4	4.8	1.74	0.29	5.94	1280.	55.	9.
1609	0000	-689	37.9814	81.1870		PPNR	0.8	1.5	5.0	1.85	0.29	6.35	1282.	53.	9.
1610	0000	-690	37.9814	81.1864		PPNR	0.8	1.5	5.3	1.76	0.27	6.43	1276.	53.	9.
1611	0000	-691	37.9814	81.1858		PPNR	0.8	1.2 -	5.8	1.44	0.20 -	7.15	1257.	55.	10.
1612	0000	-693	37.9814	81.1853		PPNR	0.7	1.2	5.8	1.75	0.21	8.21 +	1223.	55.	10.
1613	0000	-694	37.9814	81.1847		PPNR	0.7	1.3	5.8	2.00	0.23	8.65 +	1190.	54.	9.
1614	0000	-695	37.9814	81.1841		PPNR	0.7	1.2	5.2	1.72	0.24	7.21	1156.	54.	9.
1615	0000	-698	37.9814	81.1835		PPNR	0.7	1.1 -	5.2	1.47	0.21	6.91	1138.	54.	9.
1616	0000	-701	37.9814	81.1829		PPNR	0.7	1.1 -	4.9	1.54	0.23	6.71	1133.	54.	9.
1617	0000	-702	37.9814	81.1824		PPNR	0.8	1.1 -	4.8	1.49	0.23	6.38	1153.	53.	9.
1618	0000	-704	37.9814	81.1818		PPNR	0.8	1.3	4.7	1.68	0.28	6.03	1184.	52.	9.
1619	0000	-706	37.9814	81.1812		PPNR	0.9	1.2 -	5.2	1.34	0.22	6.02	1231.	51.	8.
1620	0000	-706	37.9814	81.1806		PPNR	0.9	1.2 -	5.4	1.31 -	0.21	6.11	1249.	53.	8.
1621	0000	-707	37.9814	81.1801		PPNR	0.9	1.5	5.8	1.70	0.26	6.67	1291.	52.	7.
1622	0000	-709	37.9814	81.1796		PPNR	0.8	2.0	6.1	2.32	0.32	7.25	1344.	52.	5.
1623	0000	-711	37.9814	81.1789		PPNR	0.9	2.1	6.5	2.28	0.33	6.95	1382.	53.	4.
1624	0000	-712	37.9813	81.1784		PPNR	0.9	2.3 +	7.1	2.55	0.32	7.95 +	1400.	53.	3.
1625	0000	-714	37.9813	81.1778		PPNR	0.9	2.1	7.5 +	2.27	0.28	8.05 +	1407.	52.	3.
1626	0000	-716	37.9813	81.1772		PPNR	0.9	2.4 +	6.8	2.61 +	0.35	7.47	1412.	51.	3.
1627	0000	-717	37.9813	81.1767		PPNR	0.9	2.5 +	6.7	2.78 +	0.37	7.46	1417.	49.	2.
1628	0000	-718	37.9813	81.1760		PPNR	0.9	2.3 +	6.7	2.46	0.34	7.27	1407.	48.	3.
1629	0000	-720	37.9813	81.1755		PPNR	1.0	1.9	7.1	1.93	0.26	7.36	1377.	49.	3.
1630	0000	-723	37.9813	81.1749		PPNR	0.9	1.8	7.0	2.11	0.26	8.06 +	1329.	49.	4.
1631	0000	-727	37.9812	81.1743		PPNR	0.8	1.8	6.2	2.20	0.29	7.52	1272.	50.	3.
1632	0000	-728	37.9812	81.1738		PPNR	0.8	1.9	5.8	2.55	0.33	7.66	1231.	51.	2.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-730	37.9812	81.1732	PPNR	0.7	2.0	5.6	2.71 +	0.36	7.51	1178.	51.	2.
1634	0000	-731	37.9812	81.1725	PPNR	0.7	1.8	5.3	2.52	0.35	7.24	1156.	52.	2.
1635	0000	-731	37.9812	81.1720	PPNR	0.7	1.8	5.0	2.60 +	0.37	7.12	1145.	51.	2.
1636	0000	-733	37.9812	81.1714	PPNR	0.7	1.9	4.6	2.61 +	0.42 +	6.26	1146.	50.	2.
1637	0000	-735	37.9812	81.1708	PPNR	0.8	1.5	4.5 -	1.97	0.34	5.76	1140.	52.	3.
1638	0000	-736	37.9813	81.1703	PPNR	0.8	1.6	4.6	1.99	0.34	5.78	1150.	48.	3.
1639	0000	-739	37.9812	81.1696	PPNR	0.8	1.5	4.5 -	1.83	0.33	5.47	1154.	49.	5.
1640	0000	-740	37.9812	81.1690	PPNR	0.8	1.2	4.5 -	1.55	0.27	5.65	1149.	48.	6.
1641	0000	-742	37.9812	81.1683	PPNR	0.8	1.2	4.5 -	1.49	0.27	5.58	1132.	[illegible]	7.
1642	0000	-743	37.9812	81.1676	PPNR	0.8	1.3	4.4 -	1.57	0.29	5.35 -	1119.	50.	7.
1643	0000	-743	37.9812	81.1669	PPNR	0.8	1.0 -	4.5 -	1.26 -	0.22	5.86	1098.	50.	9.
1644	0000	-744	37.9812	81.1663	PPNR	0.8	1.0 -	4.4 -	1.24 -	0.21	5.81	1099.	47.	9.
1645	0000	-746	37.9812	81.1656	PPNR	0.8	0.7 -	4.9	0.93 --	0.15 --	6.26	1095.	51.	10.
1646	0000	-748	37.9812	81.1649	PPNR	0.8	0.7 -	5.1	0.92 --	0.14 --	6.70	1109.	51.	10.
1647	0000	-747	37.9812	81.1642	PPNR	0.9	0.7 -	5.3	0.87 --	0.14 --	6.23	1144.	53.	10.
1648	0000	-748	37.9812	81.1636	PPK	0.9	0.9 -	6.1	1.01	0.15 -	6.98 +	1190.	51.	9.
1649	0000	-750	37.9812	81.1628	PPK	0.9	0.8 -	6.2	0.93 -	0.13 -	6.91 +	1207.	52.	8.
1650	0000	-750	37.9812	81.1622	PPK	0.9	1.0 -	6.3	1.12	0.16 -	6.92 +	1228.	52.	7.
1651	0000	-752	37.9812	81.1616	PPK	0.9	1.3	6.3	1.38	0.20	6.85 +	1247.	55.	6.
1652	0000	-756	37.9812	81.1608	PPK	0.9	1.5	6.1	1.64	0.24	6.70 +	1267.	51.	5.
1653	0000	-757	37.9812	81.1602	PPNR	0.9	1.6	6.1	1.71	0.26	6.61	1263.	51.	4.
1654	0000	-759	37.9812	81.1595	PPNR	0.9	1.6	6.3	1.84	0.25	7.32	1255.	50.	4.
1655	0000	-761	37.9812	81.1588	PPNR	0.8	1.5	6.0	1.75	0.25	7.05	1251.	51.	3.
1656	0000	-764	37.9811	81.1581	PPNR	0.8	1.7	6.1	2.08	0.28	7.34	1279.	48.	3.
1657	0000	-767	37.9811	81.1575	PPNR	0.8	2.0	5.7	2.56	0.35	7.36	1276.	48.	2.
1658	0000	-767	37.9811	81.1568	PPNR	0.7	2.1	5.7	2.95 +	0.37 +	7.89	1265.	47.	2.
1659	0000	-768	37.9811	81.1561	PPNR	0.7	2.1	5.6	3.00 +	0.38 +	7.94 +	1252.	49.	2.
1660	0000	-770	37.9811	81.1554	PPNR	0.7	2.0	5.5	3.02 +	0.37	8.18 +	1234.	49.	2.
1661	0000	-773	37.9811	81.1548	PPNR	0.7	2.2	5.0	3.29 +	0.43 +	7.59	1201.	49.	2.
1662	0000	-773	37.9811	81.1541	PPNR	0.6	2.4 +	4.6	3.89 ++	0.53 ++	7.36	1176.	50.	2.
1663	0000	-771	37.9811	81.1534	PPNR	0.6 -	2.4 +	4.5 -	3.85 ++	0.53 ++	7.32	1124.	51.	2.
1664	0000	-770	37.9810	81.1528	PPNR	0.7	2.2	4.0 -	3.28 +	0.54 ++	6.09	1088.	51.	3.
1665	0000	-773	37.9810	81.1521	PPNR	0.7	2.2	3.9 -	3.34 +	0.56 ++	5.95	1074.	50.	3.
1666	0000	-776	37.9810	81.1514	PPNR	0.6	2.3 +	3.9 -	3.59 ++	0.60 ++	6.02	1059.	48.	3.
1667	0000	-779	37.9810	81.1507	PPNR	0.7	2.4 +	3.7 -	3.62 ++	0.64 ++	5.65	1063.	49.	3.
1668	0000	-783	37.9810	81.1501	PPNR	0.7	2.5 +	4.0 -	3.70 ++	0.62 ++	5.96	1103.	48.	3.
1669	0000	-786	37.9810	81.1494	PPNR	0.7	2.3 +	4.1 -	3.23 +	0.56 ++	5.77	1113.	48.	4.
1670	0000	-788	37.9810	81.1487	PPNR	0.7	2.1	4.0 -	2.86 +	0.53 ++	5.44	1110.	51.	5.
1671	0000	-791	37.9810	81.1481	PPNR	0.7	2.3 +	4.2 -	3.19 +	0.55 ++	5.85	1133.	50.	5.
1672	0000	-793	37.9810	81.1474	PPNR	0.7	2.1	4.4 -	2.76 +	0.48 +	5.82	1135.	51.	6.
1673	0000	-793	37.9810	81.1467	PPNR	0.8	1.8	4.4 -	2.25	0.42 +	5.34 -	1127.	54.	7.
1674	0000	-795	37.9810	81.1460	PPNR	0.8	1.6	4.4 -	1.95	0.36	5.43	1122.	55.	6.
1675	0000	-796	37.9810	81.1454	PPNR	0.8	1.5	4.3 -	1.85	0.35	5.35 -	1097.	55.	7.
1676	0000	-794	37.9810	81.1447	PPNR	0.8	1.5	4.3 -	1.94	0.35 -	5.54	1079.	54.	7.
1677	0000	-791	37.9810	81.1440	PPNR	0.8	1.4	4.5 -	1.85	0.32	5.87	1089.	55.	7.
1678	0000	-790	37.9810	81.1433	PPNR	0.8	1.2	4.6	1.54	0.26	6.00	1075.	54.	6.
1679	0000	-794	37.9810	81.1427	PPNR	0.7	1.3	4.2 -	1.78	0.31	5.72	1053.	54.	6.
1680	0000	-799	37.9810	81.1420	PPNR	0.7	1.5	4.3 -	2.17	0.35	6.15	1048.	52.	5.
1681	0000	-801	37.9810	81.1413	PPNR	0.7	1.6	4.3 -	2.22	0.38 +	5.90	1055.	53.	4.
1682	0000	-798	37.9810	81.1407	PPNR	0.7	1.6	4.4 -	2.11	0.35	5.98	1048.	54.	3.
1683	0000	-789	37.9810	81.1400	PPNR	0.8	1.4	4.2 -	1.92	0.34	5.62	1031.	53.	3.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-783	37.9810	81.1393	PPNR	0.7	1.5	4.0 -	2.18	0.39 +	5.63	991.	50.	2.
1685	0000	-785	37.9810	81.1386	PPNR	0.7	1.5	4.0 -	2.31	0.38 +	6.08	961.	50.	1.
1686	0000	-790	37.9810	81.1380	PPNR	0.6	1.4	3.9 -	2.21	0.36	6.22	940.	51.	1.
1687	0000	-796	37.9810	81.1373	PPNR	0.6 -	1.2	3.7 -	2.13	0.34	6.30	907.	52.	1.
1688	0000	-803	37.9810	81.1366	PPNR	0.5 -	1.4	3.5 -	2.91 +	0.42 +	7.00	873.	50.	1.
1689	0000	-808	37.9810	81.1359	PPNR	0.5 -	1.7	3.1 --	3.62 ++	0.54 ++	6.65	857.	49.	1.
1690	0000	-809	37.9809	81.1353	PPNR	0.4 -	1.7	3.3 -	3.87 ++	0.50 ++	7.66	849.	49.	1.
1691	0000	-809	37.9809	81.1346	PPNR	0.5 -	1.5	3.2 -	3.35 +	0.47 +	7.16	843.	49.	2.
1692	0000	-810	37.9809	81.1339	PPNR	0.4 -	1.7	3.1 --	3.95 ++	0.56 ++	7.10	840.	50.	3.
1693	0000	-810	37.9809	81.1333	PPNR	0.4 -	1.7	3.2 -	3.95 ++	0.54 ++	7.33	846.	49.	3.
1694	0000	-809	37.9809	81.1325	PPNR	0.4 -	1.8	3.2 -	4.18 ++	0.55 ++	7.59	860.	46.	4.
1695	0000	-810	37.9809	81.1319	PPNR	0.4 -	1.7	3.4 -	3.89 ++	0.51 ++	7.56	876.	46.	5.
1696	0000	-813	37.9809	81.1312	PPNR	0.5 -	1.6	3.8 -	3.39 +	0.42 +	7.99 +	879.	46.	5.
1697	0000	-813	37.9809	81.1305	PPNR	0.5 -	1.5	3.7 -	3.05 +	0.41 +	7.48	887.	45.	6.
1698	0000	-814	37.9809	81.1298	PPNR	0.5 -	1.6	3.9 -	3.46 +	0.42 +	8.30 +	917.	45.	5.
1699	0000	-817	37.9809	81.1292	PPNR	0.5 -	1.6	4.0 -	3.54 +	0.41 +	8.61 +	941.	44.	5.
1700	0000	-819	37.9809	81.1285	PPNR	0.5 -	1.8	4.0 -	3.77 ++	0.45 +	8.38 +	952.	46.	4.
1701	0000	-819	37.9809	81.1278	PPNR	0.5 -	1.6	4.4 -	3.18 +	0.38 +	8.48 +	961.	47.	3.
1702	0000	-820	37.9809	81.1272	PPNR	0.6 -	1.6	4.3 -	2.80 +	0.36	7.69	971.	49.	3.
1703	0000	-822	37.9809	81.1265	PPNR	0.6 -	1.5	4.0 -	2.35	0.37	6.35	998.	52.	2.
1704	0000	-824	37.9809	81.1258	PPNR	0.7	1.8	4.3 -	2.77 +	0.42 +	6.53	1050.	52.	1.
1705	0000	-826	37.9809	81.1251	PPNR	0.7	2.1	4.3 -	2.85 +	0.48 +	5.94	1095.	53.	1.
1706	0000	-826	37.9809	81.1245	PPNR	0.8	2.2	4.4 -	2.81 +	0.49 +	5.69	1110.	53.	1.
1707	0000	-826	37.9808	81.1238	PPNR	0.8	1.9	4.6	2.54	0.42 +	6.02	1115.	52.	1.
1708	0000	-828	37.9808	81.1231	PPNR	0.7	2.1	4.2 -	2.77 +	0.49 +	5.68	1099.	52.	1.
1709	0000	-830	37.9808	81.1224	PPNR	0.7	2.1	4.2 -	3.02 +	0.50 ++	6.03	1065.	49.	1.
1710	0000	-833	37.9808	81.1218	PPNR	0.6 -	2.0	4.4 -	3.32 +	0.46 +	7.18	1017.	47.	1.
1711	0000	-835	37.9808	81.1211	PPNR	0.6 -	1.8	4.0 -	3.15 +	0.46 +	6.87	966.	48.	1.
1712	0000	-836	37.9808	81.1204	PPNR	0.5 -	1.8	3.6 -	3.33 +	0.48 +	6.87	929.	45.	2.
1713	0000	-837	37.9808	81.1198	PPNR	0.5 -	1.5	3.7 -	2.85 +	0.41 +	6.96	918.	46.	2.
1714	0000	-839	37.9808	81.1191	PPNR	0.6 -	1.5	3.7 -	2.59 +	0.40 +	6.51	943.	46.	3.
1715	0000	-840	37.9807	81.1183	PPNR	0.6 -	1.6	3.9 -	2.68 +	0.41 +	6.59	979.	45.	4.
1716	0000	-840	37.9807	81.1177	PPNR	0.6 -	1.5	3.8 -	2.48	0.40 +	6.25	1008.	46.	6.
1717	0000	-841	37.9807	81.1171	PPNR	0.6 -	1.4	4.0 -	2.29	0.36	6.45	1026.	49.	7.
1718	0000	-842	37.9807	81.1164	PPNR	0.6 -	1.3	4.2 -	2.04	0.30	6.89	1041.	50.	8.
1719	0000	-844	37.9807	81.1157	PPNR	0.6 -	1.2 -	4.5 -	1.86	0.26	7.21	1053.	53.	8.
1720	0000	-845	37.9807	81.1150	PPNR	0.6 -	1.2	4.7	1.91	0.25	7.67	1082.	53.	7.
1721	0000	-846	37.9807	81.1143	PPNR	0.5 -	1.3	4.8	2.44	0.27	8.97 +	1079.	53.	6.
1722	0000	-847	37.9807	81.1137	PPNR	0.6 -	1.3	4.8	2.24	0.26	8.55 +	1084.	54.	5.
1723	0000	-849	37.9807	81.1130	PPNR	0.6 -	1.5	5.2	2.41	0.29	8.43 +	1128.	53.	4.
1724	0000	-851	37.9807	81.1124	PPNR	0.6	1.9	5.6	2.90 +	0.33	8.67 +	1227.	51.	3.
1725	0000	-852	37.9807	81.1117	PPNR	0.6 -	2.1	5.7	3.52 +	0.38 +	9.31 +	1243.	52.	1.
1726	0000	-852	37.9807	81.1110	PPNR	0.6 -	2.2	5.8	3.67 ++	0.38 +	9.72 ++	1228.	52.	1.
1727	0000	-853	37.9807	81.1103	PPNR	0.6 -	2.2	5.5	3.74 ++	0.41 +	9.15 +	1208.	51.	1.
1728	0000	-854	37.9807	81.1097	PPNR	0.6	2.4 +	5.0	3.78 ++	0.48 +	7.86	1237.	49.	2.
1729	0000	-855	37.9807	81.1090	PPNR	0.7	2.4 +	5.4	3.22 +	0.44 +	7.32	1269.	49.	2.
1730	0000	-857	37.9807	81.1083	PPNR	0.7	2.2	5.5	2.93 +	0.40 +	7.30	1261.	50.	3.
1731	0000	-859	37.9807	81.1076	PPNR	0.7	2.1	5.2	2.95 +	0.41 +	7.14	1205.	49.	4.
1732	0000	-860	37.9807	81.1070	PPNR	0.8	1.8	5.4	2.26	0.33	6.78	1230.	48.	6.
1733	0000	-862	37.9807	81.1063	PPNR	0.9	1.7	5.7	1.84	0.29	6.30	1320.	45.	8.
1734	0000	-865	37.9807	81.1056	PPNR	1.0	1.7	5.9	1.83	0.30	6.72	1373.	47.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-865	37.9807	81.1050	PPNR	1.0	1.6	6.5	1.71	0.25	6.77	1377.	49.	10.
1736	0000	-866	37.9807	81.1042	PPNR	0.9	1.8	6.3	1.97	0.28	6.91	1365.	49.	11.
1737	0000	-867	37.9807	81.1035	PPNR	0.9	1.7	6.3	1.98	0.27	7.32	1376.	47.	11.
1738	0000	-869	37.9807	81.1029	PPNR	0.9	1.7	6.1	1.86	0.27	6.89	1384.	48.	11.
1739	0000	-870	37.9807	81.1023	PPNR	0.9	1.8	6.1	2.08	0.30	6.88	1397.	49.	10.
1740	0000	-872	37.9807	81.1015	PPNR	0.8	1.9	6.4	2.23	0.29	7.61	1358.	51.	9.
1741	0000	-872	37.9806	81.1009	PPNR	0.9	1.8	6.7	2.11	0.27	7.79	1365.	51.	7.
1742	0000	-874	37.9806	81.1002	PPNR	1.0	1.6	6.3	1.71	0.26	6.51	1381.	51.	6.
1743	0000	-876	37.9806	81.0995	PPNR	1.0	1.7	6.4	1.72	0.27	6.40	1418.	52.	5.
1744	0000	-876	37.9806	81.0988	PPNR	1.0	1.8	6.6	1.74	0.27	6.47	1429.	55.	3.
1745	0000	-876	37.9806	81.0982	PPNR	1.0	1.9	6.9	1.85	0.27	6.87	1436.	57.	3.
1746	0000	-878	37.9806	81.0975	PPNR	1.1	1.9	6.9	1.73	0.27	6.32	1438.	54.	1.
1747	0000	-880	37.9806	81.0968	PPNR	1.0	2.0	6.3	1.91	0.32	6.01	1443.	53.	2.
1748	0000	-881	37.9806	81.0962	PPNR	1.0	2.1	5.7	2.03	0.37	5.54	1413.	54.	2.
1749	0000	-882	37.9806	81.0955	PPNR	0.9	2.3 +	6.2	2.60 +	0.37	6.99	1399.	54.	2.
1750	0000	-882	37.9805	81.0948	PPNR	0.9	2.4 +	6.2	2.72 +	0.38 +	7.11	1382.	53.	2.
1751	0000	-882	37.9805	81.0941	PPNR	0.9	2.4 +	6.2	2.85 +	0.39 +	7.28	1393.	49.	2.
1752	0000	-883	37.9805	81.0935	PPNR	0.9	2.2	6.8	2.55	0.33	7.75	1413.	47.	2.
1753	0000	-884	37.9805	81.0928	PPNR	0.8	2.2	6.4	2.66 +	0.34	7.79	1395.	50.	2.
1754	0000	-885	37.9805	81.0921	PPNR	0.9	2.3 +	6.5	2.59 +	0.35	7.43	1358.	53.	2.
1755	0000	-887	37.9805	81.0915	PPNR	0.8	2.2	6.7	2.68 +	0.33	8.01 +	1366.	51.	2.
1756	0000	-889	37.9805	81.0908	PPNR	0.9	2.1	6.3	2.29	0.33	6.91	1365.	51.	2.
1757	0000	-890	37.9805	81.0900	PPNR	0.9	1.9	6.3	2.09	0.29	7.09	1364.	52.	3.
1758	0000	-890	37.9805	81.0894	PPNR	0.9	1.7	6.0	1.87	0.28	6.77	1331.	56.	4.
1759	0000	-890	37.9805	81.0888	PPNR	0.8	1.6	5.4	1.88	0.29	6.45	1284.	58.	5.
1760	0000	-893	37.9805	81.0881	PPNR	0.8	1.6	5.8	2.01	0.28	7.26	1275.	57.	6.
1761	0000	-893	37.9805	81.0874	PPNR	0.8	1.3	5.9	1.71	0.22	7.78	1272.	55.	7.
1762	0000	-892	37.9805	81.0867	PPNR	0.7	1.2	6.2	1.68	0.19 -	8.61 +	1228.	54.	7.
1763	0000	-894	37.9805	81.0860	PPNR	0.6 -	1.3	5.7	2.07	0.22	9.44 +	1178.	53.	7.
1764	0000	-895	37.9805	81.0854	PPNR	0.5 -	1.3	5.9	2.42	0.23	10.74 ++	1134.	54.	7.
1765	0000	-895	37.9805	81.0847	PPNR	0.5 -	1.5	5.8	2.92 +	0.26	11.25 ++	1108.	51.	6.
1766	0000	-896	37.9805	81.0840	PPNR	0.5 -	1.7	5.7	3.42 +	0.29	11.67 +++	1100.	50.	6.
1767	0000	-897	37.9804	81.0834	PPNR	0.5 -	1.7	5.5	3.74 ++	0.32	11.87 +++	1089.	49.	4.
1768	0000	-897	37.9804	81.0827	PPNR	0.4 -	2.1	5.4	4.83 ++	0.40 +	12.11 +++	1100.	50.	4.
1769	0000	-899	37.9804	81.0820	PPNR	0.5 -	2.2	5.6	4.18 ++	0.39 +	10.69 ++	1163.	51.	4.
1770	0000	-901	37.9804	81.0814	PPNR	0.7	1.9	6.1	2.92 +	0.31	9.38 +	1252.	50.	5.
1771	0000	-901	37.9804	81.0807	PPNR	0.7	1.8	6.3	2.56 +	0.29	8.94 +	1320.	50.	6.
1772	0000	-901	37.9804	81.0800	PPNR	0.8	1.6	6.6	1.97	0.24	8.25 +	1392.	49.	8.
1773	0000	-903	37.9804	81.0793	PPNR	0.9	1.4	6.6	1.58	0.22	7.23	1449.	48.	9.
1774	0000	-903	37.9804	81.0787	PPNR	1.0	1.2	7.0	1.24 -	0.17 -	7.21	1489.	48.	11.
1775	0000	-904	37.9804	81.0780	PPNR	1.0	0.9 -	7.1	0.82 --	0.12 --	6.82	1509.	47.	11.
1776	0000	-907	37.9804	81.0773	PPNR	1.0	0.9 -	6.9	0.89 --	0.13 --	6.71	1493.	47.	11.
1777	0000	-907	37.9804	81.0767	PPNR	1.0	1.1 -	6.7	1.04 -	0.16 --	6.61	1442.	49.	10.
1778	0000	-906	37.9804	81.0760	PPNR	1.0	1.2	6.4	1.21 -	0.19 -	6.46	1416.	47.	9.
1779	0000	-907	37.9804	81.0753	PPNR	0.9	1.5	6.3	1.65	0.25	6.68	1390.	48.	8.
1780	0000	-908	37.9804	81.0746	PPNR	0.9	1.8	6.2	1.99	0.29	6.77	1394.	48.	6.
1781	0000	-909	37.9804	81.0740	PPNR	1.0	2.1	6.1	2.23	0.35	6.38	1426.	47.	5.
1782	0000	-910	37.9804	81.0732	PPNR	1.0	2.2	6.5	2.23	0.33	6.72	1483.	48.	3.
1783	0000	-910	37.9804	81.0726	PPNR	1.0	2.3	6.6	2.23	0.34	6.54	1510.	48.	2.
1784	0000	-910	37.9803	81.0719	PPNR	1.0	2.6 +	6.5	2.68 +	0.40 +	6.75	1528.	49.	1.
1785	0000	-911	37.9803	81.0712	PPNR	0.9	2.5 +	6.3	2.61 +	0.40 +	6.61	1512.	54.	0.

CP 9 1P 12

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-911	37.9803	81.0705	PPNR	0.9	2.2	6.2	2.42	0.36	6.67	1459.	54.	0.
1787	0000	-912	37.9803	81.0699	PPNR	0.8	2.1	6.2	2.62 +	0.35	7.53	1384.	56.	-0.
1788	0000	-913	37.9803	81.0692	PPNR	0.7	2.1	5.5	2.93 +	0.38 +	7.66	1296.	58.	-0.
1789	0000	-913	37.9803	81.0685	PPNR	0.6 -	2.0	4.9	3.26 +	0.41 +	7.85	1188.	57.	-0.
1790	0000	-913	37.9803	81.0679	PPNR	0.6 -	1.8	4.5 -	3.23 +	0.40 +	8.09 +	1098.	59.	0.
1791	0000	-914	37.9803	81.0672	PPNR	0.5 -	1.6	4.5 -	3.16 +	0.35	8.97 +	1044.	57.	1.
1792	0000	-915	37.9803	81.0665	PPNR	0.5 -	1.6	4.7	3.11 +	0.34	9.21 +	1009.	53.	1.
1793	0000	-917	37.9803	81.0658	PPNR	0.5 -	1.7	4.7	3.46 +	0.37	9.36 +	1021.	51.	1.
1794	0000	-917	37.9803	81.0652	PPNR	0.5 -	1.6	4.7	3.10 +	0.34	9.01 +	1033.	50.	2.
1795	0000	-917	37.9803	81.0645	PPNR	0.5 -	1.5	4.9	2.86 +	0.31	9.33 +	1028.	49.	3.
1796	0000	-916	37.9803	81.0638	PPNR	0.5 -	1.6	5.2	3.32 +	0.31	10.55 ++	1043.	51.	3.
1797	0000	-916	37.9803	81.0632	PPNR	0.5 -	1.8	5.6	3.56 +	0.32	10.99 ++	1088.	49.	3.
1798	0000	-916	37.9803	81.0625	PPNR	0.5 -	1.8	5.5	3.37 +	0.33	10.15 ++	1108.	49.	3.
1799	0000	-919	37.9803	81.0618	PPNR	0.5 -	1.7	5.3	3.28 +	0.32	10.11 ++	1113.	50.	4.
1800	0000	-919	37.9803	81.0611	PPNR	0.5 -	1.7	5.3	3.11 +	0.32	9.79 ++	1120.	53.	4.
1801	0000	-919	37.9802	81.0605	PPNR	0.6 -	1.7	5.2	2.78 +	0.32	8.59 +	1142.	54.	4.
1802	0000	-920	37.9802	81.0598	PPNR	0.6 -	1.8	5.3	2.98 +	0.34	8.78 +	1155.	54.	3.
1803	0000	-920	37.9802	81.0591	PPNR	0.7	1.9	4.9	2.68 +	0.38 +	7.11	1164.	55.	3.
1804	0000	-921	37.9802	81.0584	PPNR	0.7	1.8	4.8	2.61 +	0.38 +	6.89	1166.	58.	3.
1805	0000	-923	37.9802	81.0578	PPNR	0.7	1.7	5.1	2.47	0.34	7.35	1202.	59.	3.
1806	0000	-924	37.9802	81.0571	PPNR	0.7	2.0	5.3	2.65 +	0.37	7.14	1239.	58.	2.
1807	0000	-924	37.9802	81.0564	PPNR	0.8	2.0	5.3	2.49	0.38 +	6.63	1275.	56.	3.
1808	0000	-924	37.9802	81.0557	PPNR	0.8	2.1	5.4	2.81 +	0.40 +	7.06	1292.	56.	3.
1809	0000	-924	37.9802	81.0551	PPNR	0.8	2.0	5.6	2.42	0.37	6.58	1336.	56.	3.
1810	0000	-924	37.9802	81.0544	PPNR	0.8	2.1	6.1	2.49	0.35	7.17	1392.	54.	3.
1811	0000	-925	37.9802	81.0539	PPNR	0.9	2.1	6.6	2.19	0.31	7.08	1462.	54.	3.
1812	0000	-924	37.9802	81.0532	PPNR	1.0	2.1	7.1	1.98	0.29	6.78	1519.	54.	3.
1813	0000	-924	37.9802	81.0526	PPNR	1.1	2.0	8.0 +	1.85	0.25	7.33	1592.	53.	2.
1814	0000	-924	37.9802	81.0520	PPNR	1.1	2.1	8.2 +	1.91	0.26	7.29	1638.	55.	1.
1815	0000	-925	37.9802	81.0514	PPNR	1.2	2.3	8.4 +	1.86	0.27	6.90	1682.	54.	1.
1816	0000	-925	37.9802	81.0508	PPNR	1.2	2.3 +	8.5 +	1.96	0.28	7.09	1711.	54.	0.
1817	0000	-925	37.9802	81.0502	PPNR	1.2	2.4 +	8.6 +	1.95	0.27	7.12	1714.	52.	0.
1818	0000	-924	37.9802	81.0495	PPNR	1.2	2.3 +	8.1 +	1.97	0.28	6.94	1675.	53.	1.
1819	0000	-925	37.9802	81.0490	PPNR	1.1	2.3 +	7.6 +	2.16	0.31	7.07	1601.	51.	1.
1820	0000	-926	37.9802	81.0483	PPNR	1.1	2.2	7.0	2.07	0.31	6.59	1557.	50.	2.
1821	0000	-925	37.9802	81.0477	PPNR	1.0	2.1	5.9	2.18	0.31	7.00	1508.	48.	3.
1822	0000	-926	37.9802	81.0470	PPNR	0.9	1.9	7.0	2.04	0.28	7.40	1484.	48.	4.
1823	0000	-927	37.9802	81.0464	PPNR	0.9	1.7	7.1	1.86	0.24	7.68	1457.	49.	5.
1824	0000	-926	37.9802	81.0459	PPNR	0.9	1.8	7.1	2.01	0.25	8.02 +	1438.	49.	5.
1825	0000	-927	37.980	81.0452	PPNR	0.9	2.1	7.4 +	2.44	0.28	8.66 +	1429.	46.	5.
1826	0000	-928	37.9802	81.0446	PPNR	0.9	2.1	7.3	2.51	0.29	8.60 +	1441.	47.	5.
1827	0000	-927	37.9802	81.0440	PPNR	0.9	2.3 +	7.2	2.74 +	0.33	8.40 +	1442.	50.	5.
1828	0000	-927	37.9802	81.0434	PPNR	0.9	2.4 +	7.3	2.50	0.32	7.79	1495.	50.	4.
1829	0000	-928	37.9802	81.0428	PPNR	1.0	2.6 +	7.6 +	2.67 +	0.34	7.73	1543.	51.	3.
1830	0000	-928	37.9802	81.0422	PPNR	1.0	2.9 ++	7.6 +	2.82 +	0.38 +	7.51	1577.	51.	3.
1831	0000	-927	37.9802	81.0415	PPNR	1.1	2.7 +	7.5 +	2.47	0.36	6.85	1605.	52.	2.
1832	0000	-928	37.9802	81.0409	PPNR	1.1	2.4 +	7.6 +	2.09	0.32	6.62	1629.	54.	2.
1833	0000	-928	37.9802	81.0403	PPNR	1.2	2.4 +	8.2 +	2.04	0.30	6.89	1660.	54.	1.
1834	0000	-926	37.9802	81.0397	PPNR	1.2	2.2	8.3 +	1.80	0.26	6.97	1652.	54.	0.
1835	0000	-926	37.9802	81.0391	PPNR	1.1	2.0	8.5 +	1.80	0.24	7.48	1595.	55.	0.
1836	0000	-926	37.9802	81.0385	PPNR	1.1	1.8	8.2 +	1.69	0.22	7.74	1526.	54.	0.

CP 9 LP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-927	37.9802	81.0378		PPNR	1.0	1.8	7.8 +	1.73	0.23	7.60	1468.	53.	0.
1838	0000	-928	37.9802	81.0373		PPNR	1.0	1.8	7.6 +	1.82	0.24	7.70	1411.	54.	0.
1839	0000	-928	37.9802	81.0367		PPNR	0.9	1.8	7.6 +	1.94	0.24	8.12 +	1370.	51.	0.
1840	0000	-928	37.9802	81.0360		PPNR	0.8	1.9	7.2	2.21	0.26	8.43 +	1326.	49.	1.
1841	0000	-928	37.9802	81.0355		PPNR	0.8	2.0	7.2	2.46	0.27	9.03 +	1289.	48.	1.
1842	0000	-928	37.9802	81.0348		PPNR	0.8	1.8	6.8	2.32	0.26	8.80 +	1286.	46.	2.
1843	0000	-928	37.9802	81.0342		PPNR	0.8	1.8	6.5	2.28	0.28	8.09 +	1280.	48.	3.
1844	0000	-928	37.9802	81.0336		PPNR	0.8	2.0	6.8	2.44	0.29	8.48 +	1307.	47.	4.
1845	0000	-929	37.9802	81.0330		PPNR	0.8	1.9	7.0	2.34	0.26	8.92 +	1349.	46.	5.
1846	0000	-930	37.9802	81.0323		PPNR	0.8	1.8	7.0	2.30	0.26	8.77 +	1363.	47.	5.
1847	0000	-930	37.9802	81.0317		PPP	0.9	2.0	7.1	2.20	0.28	7.90 +	1387.	48.	5.
1848	1000	-930	37.9802	81.0311		PPP	0.9	1.9	7.3	2.24	0.26	8.47 +	1420.	48.	6.
1849	1000	-930	37.9802	81.0305		PPP	0.8	2.5 +	7.8	2.94 +	0.32	9.15 +	1466.	48.	5.
1850	1000	-930	37.9802	81.0298		PPP	0.8	2.7 +	8.4 +	3.29 +	0.32	10.34 ++	1524.	46.	5.
1851	1000	-931	37.9802	81.0293		PPP	0.8	2.5 +	8.5 +	3.10 +	0.30	10.48 ++	1516.	48.	5.
1852	1000	-932	37.9802	81.0286		PPP	0.8	2.3	8.4 +	2.80 +	0.28	10.12 ++	1496.	45.	6.
1853	1000	-930	37.9802	81.0280		PPP	0.8	2.6 +	8.1 +	3.07 +	0.32	9.68 ++	1505.	45.	6.
1854	1000	-928	37.9802	81.0274		PPP	0.8	2.4 +	8.2 +	2.86 +	0.29	9.85 ++	1517.	44.	6.
1855	1000	-927	37.9802	81.0268		PPP	0.9	2.5 +	8.0 +	2.73 +	0.32	8.61 +	1534.	47.	5.
1856	0000	-928	37.9802	81.0262	(WATER)		1.0	2.2	7.6	2.18	0.28	7.67	1503.	47.	5.
1857	0000	-928	37.9802	81.0256	(WATER)		1.1	2.0	7.1	1.93	0.29	6.69	1458.	49.	4.
1858	0000	-929	37.9802	81.0250	(WATER)		1.1	2.0	6.4	1.85	0.31	5.97	1421.	50.	4.
1859	0000	-927	37.9802	81.0243	(WATER)		1.0	2.1	6.2	2.13	0.35	6.16	1372.	53.	3.
1860	0000	-926	37.9802	81.0238		PPP	1.0	2.0	6.0	2.05	0.33	6.19	1305.	53.	2.
1861	0000	-926	37.9802	81.0231		PPP	0.9	1.9	5.3	2.23	0.37 +	6.09	1201.	51.	2.
1862	0000	-926	37.9802	81.0225		PPP	0.8	1.7	4.8 -	2.26	0.36	6.34	1094.	48.	3.
1863	0000	-926	37.9802	81.0219		PPP	0.6 -	1.6	4.3 -	2.50 +	0.37 +	6.81	1003.	47.	2.
1864	0000	-925	37.9802	81.0213		PPP	0.5 -	1.4	3.8 -	2.77 +	0.36 +	7.61	900.	48.	3.
1865	0000	-925	37.9802	81.0207		PPNR	0.4 -	1.2	3.5 -	2.83 +	0.33	8.46 +	833.	49.	4.
1866	0000	-926	37.9802	81.0201		PPNR	0.4 -	1.2	3.0 --	3.22 +	0.38 +	8.39 +	788.	48.	5.
1867	0000	-925	37.9802	81.0194		PPNR	0.3 --	1.0 -	2.8 --	3.08 +	0.34	9.10 +	755.	49.	7.
1868	0000	-925	37.9802	81.0188		PPNR	0.3 -	0.7 -	2.9 --	2.09	0.23	8.92 +	739.	53.	8.
1869	0000	-926	37.9802	81.0182		PPNR	0.3 -	0.6 --	2.7 --	1.64	0.20 -	8.13 +	737.	55.	10.
1870	0000	-925	37.9802	81.0176		PPNR	0.4 -	0.3 --	2.6 --	0.95 --	0.13 --	7.28	721.	57.	12.
1871	0010	-924	37.9802	81.0170		PPNR	0.4 -	0.2 N.A.	2.6 --	0.39 N.A.	0.06 N.A.	6.73	721.	56.	13.
1872	0010	-925	37.9802	81.0163		PPNR	0.4 -	0.2 N.A.	2.8 --	0.57 N.A.	0.08 N.A.	7.28	727.	53.	14.
1873	0010	-925	37.9802	81.0158		PPNR	0.4 -	0.0 N.A.	2.9 --	0.0 N.A.	0.0 N.A.	7.14	722.	52.	15.
1874	0010	-924	37.9802	81.0151		PPNR	0.5 -	0.0 N.A.	3.2 -	0.0 N.A.	0.0 N.A.	7.08	716.	52.	14.
1875	0010	-924	37.9802	81.0145		PPNR	0.4 -	0.0 N.A.	3.3 -	0.02 N.A.	0.00 N.A.	7.71	727.	51.	14.
1876	0010	-923	37.9802	81.0139		PPNR	0.4 -	0.2 N.A.	3.2 -	0.44 N.A.	0.05 N.A.	7.97 +	727.	51.	12.
1877	0000	-922	37.9802	81.0133		PPNR	0.4 -	0.4 --	3.5 -	1.03 -	0.11 ---	9.36 +	744.	50.	9.
1878	0000	-924	37.9802	81.0127		PPNR	0.4 -	0.6 --	4.0 -	1.54	0.15 --	10.39 ++	778.	49.	7.
1879	0000	-924	37.9802	81.0121		PPNR	0.4 -	0.7 -	4.3 -	1.82	0.16 --	11.45 ++	795.	51.	5.
1880	0000	-922	37.9802	81.0114		PPNR	0.4 -	1.0 -	4.3 -	2.72 +	0.23	11.62 +++	825.	52.	4.
1881	0000	-924	37.9802	81.0108		PPNR	0.4 -	1.3	4.2 -	3.83 ++	0.34	11.16 ++	873.	52.	2.
1882	0000	-925	37.9802	81.0103		PPNR	0.4 -	1.5	4.2 -	3.38 +	0.34	9.84 ++	890.	53.	1.
1883	0000	-922	37.9802	81.0096		PPNR	0.4 -	1.5	4.7	3.46 +	0.32	10.70 ++	914.	49.	1.
1884	0000	-922	37.9802	81.0090		PPNR	0.4 -	1.6	4.7	3.78 ++	0.35	10.85 ++	936.	48.	1.
1885	0000	-923	37.9802	81.0083		PPNR	0.4 -	1.7	4.7	3.95 ++	0.36	10.89 ++	956.	49.	0.
1886	0000	-923	37.9802	81.0078		PPNR	0.5 -	1.8	4.9	3.69 ++	0.36	10.23 ++	993.	49.	0.
1887	0000	-923	37.9802	81.0072		PPNR	0.5 -	1.8	5.0	3.61 ++	0.35	10.18 ++	1024.	48.	0.

CP 9 LP 12

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-923	37.9802	81.0065	PPNR	0.5 -	1.7	5.2	3.46 +	0.32	10.72 ++	1031.	48.	0.
1889	0000	-923	37.9802	81.0059	PPNR	0.5 -	1.6	5.5	3.33 +	0.30	11.07 ++	1059.	51.	0.
1890	0000	-921	37.9802	81.0053	PPNR	0.5 -	1.7	5.3	3.24 +	0.33	9.90 ++	1097.	55.	0.
1891	0000	-921	37.9802	81.0047	PPNR	0.6 -	1.7	5.4	2.72 +	0.31	8.89 +	1124.	56.	0.
1892	0000	-921	37.9802	81.0041	PPNR	0.6 -	1.6	5.2	2.57 +	0.31	8.41 +	1137.	55.	0.
1893	0000	-921	37.9802	81.0034	PPNR	0.6 -	1.6	5.1	2.56	0.31	8.26 +	1134.	56.	0.
1894	0000	-919	37.9802	81.0029	PPNR	0.6 -	1.5	5.3	2.47	0.28	8.68 +	1133.	55.	0.
1895	0000	-918	37.9802	81.0022	PPNR	0.6 -	1.6	5.0	2.56 +	0.32	8.08 +	1135.	55.	0.
1896	0000	-918	37.9802	81.0016	PPNR	0.6 -	1.6	4.8	2.72 +	0.34	7.94 +	1137.	53.	1.
1897	0000	-919	37.9802	81.0010	PPNR	0.6 -	1.6	4.7	2.65 +	0.33	8.05 +	1141.	51.	2.
1898	0000	-918	37.9802	81.0004	PPNR	0.6 -	1.5	5.0	2.44	0.29	8.30 +	1162.	52.	2.
1899	0000	-917	37.9802	80.9998	PPNR	0.6 -	1.6	5.3	2.53	0.29	8.61 +	1165.	55.	2.
1900	0000	-918	37.9802	80.9992	PPNR	0.6 -	1.7	5.1	2.67 +	0.33	8.14 +	1185.	54.	2.
1901	0000	-918	37.9802	80.9986	PPNR	0.7	1.9	5.2	2.70 +	0.36	7.48	1222.	54.	3.
1902	0000	-917	37.9802	80.9979	PPNR	0.7	2.0	5.6	2.72 +	0.35	7.76	1271.	54.	3.
1903	0000	-917	37.9802	80.9973	PPNR	0.8	2.0	6.0	2.67 +	0.34	7.94 +	1305.	53.	2.
1904	0000	-917	37.9802	80.9967	PPNR	0.8	2.0	6.3	2.38	0.31	7.66	1339.	52.	1.
1905	0000	-917	37.9802	80.9961	PPNR	0.8	2.1	6.2	2.54	0.35	7.33	1367.	53.	0.
1906	0000	-916	37.9802	80.9955	PPNR	0.9	2.3	6.4	2.52	0.35	7.14	1439.	49.	0.
1907	0000	-916	37.9802	80.9949	PPNR	1.0	2.3 +	6.9	2.40	0.34	7.11	1492.	51.	0.
1908	0000	-914	37.9802	80.9942	PPNR	1.0	2.3 +	6.9	2.37	0.33	7.12	1520.	51.	0.
1909	0000	-914	37.9802	80.9937	PPNR	1.0	2.3	6.8	2.28	0.33	6.86	1509.	50.	0.
1910	0000	-916	37.9802	80.9930	PPNR	1.0	2.1	6.6	2.11	0.31	6.77	1469.	53.	1.
1911	0000	-916	37.9802	80.9924	PPNR	0.9	2.1	6.3	2.33	0.33	7.07	1397.	53.	1.
1912	0000	-914	37.9802	80.9918	PPNR	0.8	1.9	6.0	2.42	0.33	7.43	1296.	53.	1.
1913	0000	-912	37.9802	80.9911	PPNR	0.7	1.6	5.3	2.22	0.30	7.33	1160.	53.	2.
1914	0000	-913	37.9802	80.9906	PPNR	0.6 -	1.3	4.8	2.02	0.26	7.69	1033.	51.	3.
1915	0000	-913	37.9802	80.9899	PPNR	0.5 -	0.9 -	4.2 -	1.68	0.22	7.75	904.	53.	4.
1916	0000	-913	37.9802	80.9893	PPNR	0.4 -	0.6 --	3.9 -	1.26 -	0.14 --	8.94 +	798.	55.	5.
1917	0000	-914	37.9802	80.9887	PPNR	0.4 -	0.7 -	3.5 -	1.81	0.19 -	9.65 ++	731.	54.	4.
1918	0000	-913	37.9802	80.9881	PPNR	0.3 -	0.5 --	3.3 -	1.62	0.16 -	9.93 ++	682.	55.	5.
1919	0000	-912	37.9802	80.9875	PPNR	0.3 -	0.5 --	3.3 -	1.31	0.14 --	9.50 +	657.	54.	5.
1920	0000	-911	37.9802	80.9869	PPNR	0.3 -	0.5 --	3.3 -	1.57	0.16 --	10.06 ++	644.	52.	5.
1921	0000	-912	37.9802	80.9862	PPNR	0.3 -	0.5 --	3.1 --	1.38	0.15 --	9.30 +	639.	53.	6.
1922	0000	-912	37.9802	80.9857	PPNR	0.3 -	0.5 --	3.2 -	1.40	0.14 --	9.89 ++	641.	53.	6.
1923	0000	-911	37.9802	80.9850	PPNR	0.3 -	0.6 -	3.0 --	1.86	0.21 -	8.91 +	651.	53.	6.
1924	0000	-910	37.9802	80.9844	PPNR	0.4 -	0.5 --	3.1 --	1.28 -	0.15 --	8.49 +	664.	51.	7.
1925	0000	-909	37.9802	80.9838	PPNR	0.4 -	0.6 --	3.0 --	1.54	0.19 -	8.12 +	679.	51.	6.
1926	0000	-909	37.9802	80.9832	PPNR	0.4 -	0.7 -	2.7 --	1.94	0.26	7.52	689.	52.	6.
1927	0000	-909	37.9802	80.9826	PPNR	0.4 -	0.7 -	2.9 --	1.81	0.23	7.81	698.	56.	6.
1928	0000	-909	37.9802	80.9820	PPNR	0.3 -	0.9 -	3.0 --	2.48	0.29	8.49 +	713.	56.	5.
1929	0000	-909	37.9802	80.9814	PPNR	0.4 -	1.0 -	2.7 --	2.72 +	0.36	7.47	721.	57.	6.
1930	0000	-909	37.9802	80.9807	PPNR	0.4 -	0.9 -	2.8 --	2.27	0.32	7.00	724.	62.	6.
1931	0000	-908	37.9802	80.9802	PPNR	0.4 -	1.1 -	2.9 --	2.76 +	0.38 +	7.32	734.	63.	6.
1932	0000	-909	37.9802	80.9795	PPNR	0.4 -	1.1 -	3.0 --	2.86 +	0.37	7.78	742.	63.	5.
1933	0000	-907	37.9802	80.9789	PPNR	0.4 -	1.1 --	3.4 -	2.68 +	0.31	8.53 +	760.	63.	5.
1934	0000	-905	37.9802	80.9782	PPNR	0.4 -	1.2	3.4 -	3.05 +	0.35	8.63 +	781.	61.	4.
1935	0000	-905	37.9802	80.9777	PPNR	0.4 -	1.2	3.6 -	2.99 +	0.33	9.08 +	790.	60.	3.
1936	0000	-904	37.9802	80.9771	PPNR	0.4 -	1.3	4.1 -	3.04 +	0.31	9.73 ++	824.	56.	2.
1937	0000	-905	37.9802	80.9764	PPNR	0.4 -	1.4	4.2 -	3.31 +	0.33	9.99 ++	861.	54.	1.
1938	0000	-905	37.9802	80.9758	PPNR	0.5 -	1.3	4.3 -	2.72 +	0.29	9.34 +	909.	53.	1.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 IP12

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-904	37.9802	80.9752	PPNR	0.5 -	1.5	4.4 -	2.77 +	0.34	8.15 +	957.	56.	1.
1940	0000	-904	37.9802	80.9747	PPNR	0.6 -	1.5	4.6	2.76 +	0.33	8.27 +	1001.	57.	1.
1941	0000	-904	37.9802	80.9740	PPNR	0.6 -	1.4	4.9	2.35	0.29	8.09 +	1028.	57.	2.
1942	0000	-903	37.9802	80.9734	PPNR	0.6 -	1.5	4.9	2.52	0.31	8.10 +	1039.	58.	2.
1943	0000	-903	37.9802	80.9727	PPNR	0.6 -	1.4	4.9	2.31	0.28	8.30 +	1029.	61.	2.
1944	0000	-905	37.9802	80.9722	PPNR	0.6 -	1.4	5.0	2.36	0.29	8.16 +	1012.	58.	3.
1945	0000	-904	37.9802	80.9715	PPNR	0.6 -	1.5	4.6	2.74 +	0.33	8.33 +	968.	60.	3.
1946	0000	-903	37.9802	80.9709	PPNR	0.5 -	1.2	4.8	2.38	0.25	9.53 +	941.	58.	2.
1947	0000	-903	37.9802	80.9703	PPNR	0.5 -	1.3	4.9	2.57 +	0.26	9.81 ++	917.	55.	2.
1948	0000	-901	37.9802	80.9697	PPNR	0.4 -	1.4	4.5 -	3.11 +	0.31	10.08 ++	891.	55.	2.
1949	0000	-901	37.9802	80.9690	PPNR	0.5 -	1.1 -	4.6	2.53	0.25	10.18 ++	873.	54.	2.
1950	0000	-901	37.9802	80.9685	PPNR	0.4 -	1.3	4.6	2.94 +	0.28	10.56 ++	860.	55.	1.
1951	0000	-900	37.9802	80.9678	PPNR	0.4 -	1.2	4.7	3.31 +	0.26	12.68 +++	850.	55.	1.
1952	0000	-900	37.9802	80.9672	PPNR	0.4 -	1.2	4.7	2.86 +	0.25	11.52 ++	842.	57.	1.
1953	0000	-900	37.9802	80.9666	PPNR	0.4 -	1.3	4.5 -	3.55 +	0.30	11.89 +++	812.	57.	1.
1954	0000	-900	37.9802	80.9660	PPNR	0.4 -	1.2	4.0 -	3.21 +	0.30	10.78 ++	781.	59.	1.
1955	0000	-900	37.9802	80.9654	PPNR	0.4 -	1.1 -	3.8 -	2.91 +	0.28	10.27 ++	753.	59.	2.
1956	0000	-899	37.9802	80.9648	PPNR	0.4 -	1.1 -	3.5 -	2.83 +	0.31	9.23 +	733.	62.	2.
1957	0000	-898	37.9802	80.9642	PPNR	0.4 -	1.0 -	3.3 -	2.86 +	0.31	9.28 +	722.	62.	2.
1958	0000	-897	37.9802	80.9635	PPNR	0.4 -	0.9 -	3.0 --	2.67 +	0.32	8.44 +	705.	66.	3.
1959	0000	-898	37.9802	80.9629	PPNR	0.3 -	1.1 -	2.9 --	3.24 +	0.37	8.78 +	710.	63.	2.
1960	0000	-899	37.9802	80.9623	PPNR	0.3 -	1.0 -	3.1 --	2.75 +	0.31	8.89 +	722.	61.	2.
1961	0000	-896	37.9802	80.9617	PPNR	0.3 -	1.0 -	3.1 --	2.88 +	0.31	9.19 +	712.	63.	3.
1962	0000	-895	37.9802	80.9610	PPNR	0.3 --	1.1 -	3.3 -	3.55 +	0.35	10.26 ++	716.	62.	2.
1963	0000	-896	37.9802	80.9605	PPNR	0.3 --	1.2	3.4 -	3.81 ++	0.35	10.74 ++	723.	60.	2.
1964	0000	-895	37.9802	80.9598	PPNR	0.3 --	1.3	3.4 -	4.03 ++	0.38 +	10.64 ++	716.	59.	2.
1965	0000	-895	37.9802	80.9592	PPNR	0.3 --	1.4	3.4 -	4.64 ++	0.42 +	11.00 ++	718.	55.	2.
1966	0000	-896	37.9802	80.9586	PPNR	0.3 --	1.3	3.5 -	4.04 ++	0.37	10.98 ++	702.	56.	3.
1967	0000	-895	37.9802	80.9580	PPNR	0.3 --	1.3	3.2 -	4.35 ++	0.40 +	10.96 ++	688.	57.	4.
1968	0000	-894	37.9802	80.9574	PPNR	0.3 -	1.3	3.2 -	3.93 ++	0.40 +	9.91 ++	704.	53.	5.
1969	0000	-895	37.9802	80.9568	PPNR	0.3 --	1.2	3.1 --	3.84 ++	0.39 +	9.89 ++	693.	52.	6.
1970	0000	-894	37.9802	80.9562	PPNR	0.3 --	1.2	3.1 --	4.24 ++	0.40 +	10.72 ++	696.	53.	6.
1971	0000	-893	37.9802	80.9555	PPNR	0.3 --	1.2	3.0 --	3.99 ++	0.40 +	10.09 ++	702.	54.	7.
1972	0000	-890	37.9802	80.9550	PPNR	0.3 --	0.9 -	3.3 -	2.89 +	0.26	11.04 ++	700.	54.	7.
1973	0000	-891	37.9802	80.9543	PPNR	0.3 --	0.7 -	3.7 -	2.55	0.20 -	12.86 +++	701.	54.	7.
1974	0000	-893	37.9802	80.9537	PPNR	0.3 --	0.8 -	3.5 -	2.47	0.21	11.51 ++	695.	55.	6.
1975	0000	-892	37.9802	80.9530	PPNR	0.3 --	0.7 -	3.5 -	2.41	0.20 -	12.15 +++	679.	59.	5.
1976	0000	-890	37.9802	80.9525	PPNR	0.3 --	0.7 -	3.6 -	2.05	0.18 -	11.42 ++	679.	58.	4.
1977	0000	-890	37.9802	80.9519	PPNR	0.3 --	0.6 --	3.4 -	2.01	0.18 -	11.15 ++	650.	59.	3.
1978	0000	-891	37.9802	80.9513	PPNR	0.3 --	0.7 -	3.3 -	2.17	0.20 -	10.84 ++	637.	60.	3.
1979	0000	-890	37.9802	80.9506	PPNR	0.4 -	0.8 -	3.0 --	2.14	0.26	8.34 +	653.	60.	3.
1980	0000	-890	37.9802	80.9500	PPNR	0.4 -	0.9 -	2.8 --	2.45	0.33	7.39	669.	61.	3.
1981	0000	-890	37.9802	80.9494	PPNR	0.4 -	0.9 -	2.8 --	2.03	0.31	6.56	666.	60.	3.
1982	0000	-889	37.9802	80.9488	PPNR	0.4 -	0.9 -	2.8 --	2.07	0.32	6.50	661.	58.	4.
1983	0000	-889	37.9802	80.9482	PPNR	0.5 -	0.9 -	2.6 --	2.06	0.35	5.84	677.	59.	4.
1984	0000	-889	37.9802	80.9476	PPNR	0.5 -	1.1 -	2.6 --	2.23	0.43 +	5.18 -	715.	58.	4.
1985	0000	-889	37.9802	80.9469	PPNR	0.5 -	1.1 -	2.8 --	2.21	0.41 +	5.43	741.	57.	3.
1986	0000	-888	37.9802	80.9462	PPNR	0.5 -	1.3	2.9 --	2.51	0.43 +	5.78	760.	58.	3.
1987	0000	-887	37.9803	80.9456	PPNR	0.5 -	1.4	2.9 --	2.70 +	0.48 +	5.66	780.	57.	2.
1988	0000	-888	37.9803	80.9450	PPNR	0.5 -	1.5	3.1 --	3.00 +	0.47 +	6.34	834.	55.	2.
1989	0000	-887	37.9803	80.9443	PPNR	0.5 -	1.7	3.4 -	3.29 +	0.51 ++	6.45	918.	54.	1.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-886	37.9803	80.9437	PPNR	0.5 -	1.9	3.6 -	3.59 ++	0.53 ++	6.97	969.	52.	1.
1991	0000	-886	37.9803	80.9430	PPNR	0.6 -	1.8	4.2 -	3.24 +	0.43 +	7.00	1011.	52.	1.
1992	0000	-887	37.9803	80.9424	PPNR	0.6 -	1.8	4.3 -	3.12 +	0.42 +	7.28	1050.	53.	0.
1993	0000	-885	37.9803	80.9417	PPNR	0.6 -	1.9	4.7	3.20 +	0.40 +	7.99 +	1089.	52.	0.
1994	0000	-885	37.9804	80.9410	PPNR	0.6 -	2.0	5.1	3.14 +	0.39 +	8.13 +	1132.	54.	1.
1995	0000	-884	37.9804	80.9404	PPNR	0.7	2.1	5.5	3.12 +	0.38 +	8.20 +	1181.	55.	1.
1996	0000	-885	37.9804	80.9397	PPNR	0.7	1.9	5.6	2.55	0.33	7.53	1219.	56.	1.
1997	0000	-884	37.9804	80.9391	PPNR	0.8	2.0	6.0	2.34	0.33	7.08	1297.	58.	1.
1998	0000	-883	37.9805	80.9385	PPNR	0.9	2.1	6.6	2.33	0.31	7.45	1397.	56.	1.
1999	0000	-884	37.9805	80.9378	PPNR	1.0	2.2	7.1	2.21	0.31	7.21	1522.	54.	1.
2000	0000	-884	37.9805	80.9372	PPNR	1.1	2.2	7.4	1.96	0.30	6.57	1632.	55.	1.
2001	0000	-883	37.9805	80.9366	PPNR	1.2 +	2.2	8.1 +	1.78	0.27	6.48	1743.	55.	[illegible]
2002	0000	-884	37.9805	80.9359	PPNR	1.3 +	2.1	8.3 +	1.60	0.25	6.31	1803.	55.	[illegible]
2003	0000	-883	37.9805	80.9352	PPNR	1.4 +	2.2	8.6 +	1.56	0.25	6.23	1873.	55.	[illegible]
2004	0000	-882	37.9805	80.9346	PPNR	1.4 +	2.1	9.1 ++	1.52	0.24	6.43	1910.	55.	[illegible]
2005	0000	-881	37.9806	80.9339	PPNR	1.4 +	2.3 +	8.8 ++	1.59	0.26	6.18	1915.	58.	[illegible]
2006	0000	-881	37.9806	80.9333	PPNR	1.4 +	2.0	8.6 +	1.44	0.24	6.09	1881.	60.	[illegible]
2007	0000	-881	37.9805	80.9326	PPNR	1.4 +	2.0	8.3 +	1.42	0.24	6.05	1849.	61.	9.
2008	0000	-881	37.9806	80.9320	PPNR	1.3 +	1.9	7.6 +	1.51	0.26	5.87	1781.	60.	11.
2009	0000	-880	37.9806	80.9313	PPNR	1.2	1.9	7.3	1.59	0.26	6.23	1724.	59.	12.
2010	0000	-879	37.9806	80.9307	PPNR	1.1	2.0	7.0	1.86	0.28	6.59	1637.	60.	12.
2011	0000	-879	37.9806	80.9300	PPNR	1.0	1.8	6.4	1.87	0.28	6.56	1536.	59.	13.
2012	0000	-881	37.9807	80.9294	PPNR	0.9	1.7	5.8	1.88	0.28	6.63	1438.	58.	13.
2013	0000	-881	37.9807	80.9287	PPNR	0.8	1.6	5.5	2.00	0.29	6.92	1331.	56.	13.
2014	0000	-878	37.9807	80.9281	PPNR	0.7	1.5	5.3	2.14	0.28	7.65	1215.	53.	13.
2015	0000	-877	37.9807	80.9275	PPNR	0.6 -	1.4	4.9	2.32	0.28	7.95 +	1124.	55.	12.
2016	0000	-877	37.9807	80.9268	PPNR	0.6 -	1.4	4.5 -	2.50	0.31	8.15 +	1039.	54.	12.
2017	0000	-878	37.9807	80.9262	PPNR	0.5 -	1.4	4.1 -	2.94 +	0.35	8.49 +	964.	55.	9.
2018	0000	-878	37.9807	80.9255	PPNR	0.4 -	1.4	3.9 -	3.23 +	0.36	8.97 +	911.	56.	8.
2019	0000	-877	37.9808	80.9249	PPNR	0.4 -	1.4	3.4 -	3.50 +	0.42 +	8.28 +	856.	58.	6.
2020	0000	-877	37.9808	80.9242	PPNR	0.4 -	1.6	3.3 -	4.01 ++	0.48 +	8.42 +	842.	58.	4.
2021	0000	-877	37.9808	80.9236	PPNR	0.4 -	1.6	3.2 -	4.18 ++	0.52 ++	8.00 +	843.	58.	3.
2022	0000	-876	37.9809	80.9229	PPNR	0.4 -	1.7	3.4 -	4.70 ++	0.51 ++	9.14 +	847.	56.	2.
2023	0000	-876	37.9809	80.9222	PPNR	0.4 -	1.8	3.5 -	4.42 ++	0.51 ++	8.75 +	868.	55.	2.
2024	0000	-875	37.9809	80.9216	PPNR	0.4 -	1.6	3.9 -	3.57 ++	0.41 +	8.75 +	884.	53.	2.
2025	0000	-873	37.9809	80.9209	PPNR	0.4 -	1.6	4.0 -	3.71 ++	0.40 +	9.23 +	910.	53.	4.
2026	0000	-873	37.9809	80.9203	PPNR	0.4 -	1.5	4.5 -	3.35 +	0.33	10.22 ++	951.	51.	5.
2027	0000	-873	37.9809	80.9196	PPNR	0.4 -	1.3	4.7	3.18 +	0.29	11.06 ++	970.	54.	7.
2028	0000	-872	37.9809	80.9190	PPNR	0.4 -	1.3	5.0	3.27 +	0.26	12.44 +++	1006.	54.	9.
2029	0000	-872	37.9810	80.9184	PPNR	0.5 -	1.1 -	5.0	2.29	0.21	10.78 ++	1030.	56.	11.
2030	0000	-871	37.9810	80.9178	PPNR	0.5 -	0.8 -	5.2	1.63	0.15 --	10.72 ++	1051.	58.	13.
2031	0000	-871	37.9810	80.9171	PPNR	0.5 -	0.8 -	5.0	1.68	0.15 --	10.87 ++	1074.	58.	15.
2032	0000	-871	37.9810	80.9165	PPNR	0.5 -	0.6 --	5.2	1.07 -	0.11 ---	10.04 ++	1085.	59.	16.
2033	0000	-870	37.9810	80.9158	PPNR	0.6 -	0.6 --	5.2	0.97 -	0.11 ---	9.14 +	1109.	60.	16.
2034	0000	-870	37.9810	80.9151	PPNR	0.6	0.6 -	5.2	1.00 -	0.12 --	8.09 +	1149.	57.	15.
2035	0000	-871	37.9810	80.9145	PPNR	0.7	0.5 --	5.2	0.74 --	0.11 ---	6.91	1195.	59.	15.
2036	0000	-868	37.9811	80.9138	PPNR	0.8	1.1 -	5.5	1.27 -	0.19 -	6.58	1300.	61.	12.
2037	0000	-865	37.9811	80.9132	PPNR	0.9	1.5	5.5	1.64	0.28	5.83	1413.	61.	10.
2038	0000	-866	37.9811	80.9125	PPNR	1.0	1.8	6.2	1.75	0.29	5.95	1512.	61.	7.
2039	0000	-867	37.9811	80.9118	PPNR	1.1	2.0	6.2	1.88	0.32	5.89	1561.	62.	5.
2040	0000	-867	37.9811	80.9112	PPNR	1.1	2.2	6.3	2.00	0.34	5.84	1576.	66.	3.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
						VALUES AND STATISTICAL SIGNIFICANCES								
2041	0000	-866	37.9811	80.9106	PPNR	1.1	2.2	6.6	2.03	0.34	5.97	1576.	66.	2.
2042	0000	-863	37.9811	80.9099	PPNR	1.1	2.3 +	6.7	2.11	0.34	6.14	1576.	65.	2.
2043	0000	-863	37.9812	80.9093	PPNR	1.0	2.1	6.7	2.02	0.31	6.47	1538.	62.	3.
2044	0000	-865	37.9812	80.9087	PPNR	1.0	1.8	6.7	1.90	0.27	6.86	1472.	61.	5.
2045	0000	-862	37.9812	80.9081	PPNR	0.9	1.7	6.2	1.82	0.27	6.76	1403.	61.	7.
2046	0000	-861	37.9812	80.9074	PPNR	1.0	1.5	6.4	1.62	0.24	6.70	1413.	57.	8.
2047	0000	-861	37.9812	80.9067	PPNR	1.0	1.5	6.6	1.49	0.22	6.72	1444.	53.	9.
2048	0000	-860	37.9812	80.9061	PPNR	1.0	1.7	6.8	1.67	0.26	6.53	1515.	53.	8.
2049	0000	-859	37.9812	80.9054	PPNR	1.1	2.0	6.7	1.83	0.30	6.19	1529.	54.	8.
2050	0000	-859	37.9813	80.9048	PPNR	1.1	1.8	6.5	1.70	0.29	5.95	1513.	53.	8.
2051	0000	-858	37.9813	80.9041	PPNR	1.1	2.1	6.2	1.97	0.34	5.86	1513.	55.	7.
2052	0000	-858	37.9813	80.9035	PPNR	1.1	2.1	6.1	1.94	0.35	5.54	1527.	56.	7.
2053	0000	-859	37.9813	80.9028	PPNR	1.1	2.5 +	6.2	2.28	0.40 +	5.71	1530.	58.	6.
2054	0000	-856	37.9814	80.9021	PPNR	1.1	2.5 +	6.2	2.33	0.40 +	5.82	1545.	57.	7.
2055	0000	-854	37.9814	80.9015	PPNR	1.1	2.4 +	6.3	2.30	0.39 +	5.95	1541.	59.	7.
2056	0000	-854	37.9814	80.9008	PPNR	1.1	2.1	6.8	2.02	0.31	6.43	1573.	56.	8.
2057	0000	-853	37.9814	80.9002	PPNR	1.1	2.2	7.4 +	1.98	0.30	6.59	1640.	59.	9.
2058	0000	-851	37.9814	80.8996	PPNR	1.3 +	2.1	8.0 +	1.68	0.27	6.24	1719.	59.	10.
2059	0000	-851	37.9814	80.8990	PPNR	1.4 +	1.9	8.6 +	1.43	0.22	6.35	1790.	60.	11.
2060	0000	-849	37.9814	80.8983	PPNR	1.4 +	1.6	8.9 ++	1.16 -	0.18 -	6.31	1838.	62.	11.
2061	0000	-847	37.9815	80.8977	PPNR	1.4 +	1.6	8.9 ++	1.10 -	0.18 -	6.12	1841.	63.	11.
2062	0000	-846	37.9815	80.8970	PPNR	1.4 +	1.2	8.7 +	0.86 --	0.14 --	6.29	1763.	61.	11.
2063	0000	-846	37.9815	80.8963	PPNR	1.3 +	1.4	8.1 +	1.06 -	0.17 -	6.26	1668.	62.	9.
2064	0000	-847	37.9815	80.8957	PPNR	1.2	1.3	7.8 +	1.06 -	0.16 -	6.42	1578.	61.	7.
2065	0000	-846	37.9815	80.8950	PPNR	1.1	1.2 -	7.5 +	1.09 -	0.16 --	7.04	1478.	62.	5.
2066	0000	-844	37.9815	80.8944	PPNR	0.9	1.3	7.0	1.45	0.19 -	7.62	1377.	61.	4.
2067	0000	-843	37.9815	80.8937	PPNR	0.8	1.5	6.1	1.78	0.24	7.48	1273.	61.	3.
2068	0000	-841	37.9816	80.8931	PPNR	0.7	1.4	5.6	1.84	0.24	7.54	1197.	61.	3.
2069	0000	-840	37.9816	80.8924	PPNR	0.7	1.6	5.7	2.24	0.27	8.15 +	1197.	61.	2.
2070	0000	-840	37.9816	80.8917	PPNR	0.7	1.8	5.9	2.44	0.30	8.19 +	1241.	64.	2.
2071	0000	-839	37.9816	80.8911	PPNR	0.7	.9	6.0	2.58 +	0.32	8.00 +	1308.	63.	2.
2072	0000	-838	37.9816	80.8904	PPNR	0.8	2.2	6.2	2.65 +	0.35	7.60	1399.	62.	3.
2073	0000	-837	37.9816	80.8899	PPNR	0.9	2.1	6.4	2.20	0.32	6.82	1468.	63.	4.
2074	0000	-836	37.9816	80.8892	PPNR	1.0	2.2	7.1	2.11	0.31	6.83	1574.	62.	4.
2075	0000	-834	37.9817	80.8886	PPNR	1.2	2.3 +	7.5 +	2.02	0.31	6.47	1671.	64.	5.
2076	0000	-833	37.9817	80.8879	PPNR	1.3 +	2.4 +	7.8 +	1.82	0.30	6.03	1771.	64.	6.
2077	0000	-833	37.9817	80.8873	PPNR	1.4 +	2.3 +	8.0 +	1.66	0.29	5.74	1837.	60.	8.
2078	0000	-832	37.9817	80.8866	PPNR	1.4 +	2.1	8.2 +	1.47	0.25	5.82	1839.	61.	9.
2079	0000	-830	37.9817	80.8860	PPNR	1.4 +	1.9	7.7 +	1.32 -	0.25	5.37 -	1796.	62.	10.
2080	0000	-828	37.9817	80.8853	PPNR	1.5 +	2.0	8.4 +	1.36	0.24	5.65	1835.	59.	10
2081	0000	-825	37.9817	80.8847	PPNR	1.5 +	1.9	8.0 +	1.25 -	0.24	5.27 -	1864.	60.	11.
2082	0000	-823	37.9818	80.8840	PPNR	1.5 +	1.9	8.6 +	1.28 -	0.22	5.69	1914.	56.	11.
2083	0000	-822	37.9818	80.8833	PPNR	1.5 +	2.1	8.3 +	1.43	0.26	5.53	1896.	59.	10.
2084	0000	-821	37.9818	80.8827	PPNR	1.4 +	2.0	8.3 +	1.40	0.24	5.84	1826.	59.	9.
2085	0000	-820	37.9819	80.8820	PPNR	1.4 +	1.9	7.6 +	1.41	0.25	5.59	1743.	59.	10.
2086	0000	-819	37.9819	80.8814	PPNR	1.3 +	1.8	7.7 +	1.37	0.23	5.93	1685.	58.	10.
2087	0000	-816	37.9819	80.8807	PPNR	1.1	1.8	6.7	1.56	0.27	5.85	1574.	60.	11.
2088	0000	-815	37.9819	80.8802	PPNR	1.0	1.5	6.5	1.43	0.23	6.35	1447.	63.	11.
2089	0000	-815	37.9819	80.8795	PPNR	0.9	1.3	5.9	1.38	0.22	6.23	1320.	65.	11.
2090	0000	-813	37.9819	80.8789	PPNR	0.9	1.0 -	6.2	1.09 -	0.16 -	6.79	1283.	62.	12.
2091	0000	-811	37.9819	80.8782	PPNR	1.0	0.9 -	5.9	0.89 --	0.14 --	6.21	1297.	63.	13.

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TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-811	37.9820	80.8775	PPNR	1.0	0.8 -	6.1	0.82 --	0.13 --	6.20	1344.	63.	13.
2093	0000	-809	37.9820	80.8769	PPNR	1.0	1.0 -	6.1	1.04 -	0.17 -	6.17	1401.	62.	13.
2094	0000	-807	37.9820	80.8762	PPNR	1.1	1.0 -	6.7	0.90 --	0.15 --	5.98	1463.	61.	12.
2095	0000	-806	37.9820	80.8756	PPNR	1.1	1.5	7.0	1.30 -	0.21	6.12	1511.	59.	10.
2096	0000	-804	37.9820	80.8749	PPNR	1.1	1.5	7.0	1.28 -	0.21 -	6.13	1541.	57.	10.
2097	0000	-801	37.9820	80.8743	PPNR	1.2	1.4	6.5	1.25 -	0.22	5.51	1531.	59.	9.
2098	0000	-800	37.9820	80.8736	PPNR	1.1	1.7	6.6	1.55	0.26	5.93	1524.	58.	7.
2099	0000	-799	37.9821	80.8730	PPNR	1.1	2.1	6.5	1.99	0.33	6.11	1506.	59.	5.
2100	0000	-798	37.9821	80.8723	PPNR	1.0	2.1	6.3	2.04	0.33	6.17	1467.	59.	4.
2101	0000	-795	37.9821	80.8717	PPNR	0.9	2.2	6.0	2.37	0.37	6.45	1407.	60.	3.
2102	0000	-791	37.9821	80.8710	PPNR	0.9	2.3 +	5.5	2.59 +	0.41 +	6.28	1366.	57.	2.
2103	0000	-790	37.9821	80.8704	PPNR	0.8	2.3 +	5.2	2.71 +	0.44 +	6.20	1310.	60.	2.
2104	0000	-789	37.9821	80.8698	PPNR	0.8	2.3 +	5.2	2.96 +	0.44 +	6.69	1259.	58.	1.
2105	0000	-786	37.9821	80.8691	PPNR	0.7	2.1	5.0	2.93 +	0.43 +	6.81	1209.	56.	2.
2106	0000	-785	37.9822	80.8685	PPNR	0.7	1.8	4.9	2.49	0.37	6.73	1177.	56.	3.
2107	0000	-784	37.9822	80.8678	PPNR	0.7	1.6	4.9	2.10	0.32	6.59	1164.	59.	5.
2108	0000	-781	37.9822	80.8672	PPNR	0.7	1.4	4.8	1.89	0.29	6.56	1172.	61.	6.
2109	0000	-780	37.9822	80.8665	PPNR	0.8	1.3	5.0	1.53	0.26	5.96	1216.	61.	8.
2110	0000	-778	37.9822	80.8659	PPNR	0.9	1.5	5.3	1.78	0.29	6.10	1286.	58.	9.
2111	0000	-776	37.9822	80.8652	PPNR	1.0	1.4	5.7	1.43	0.25	5.64	1387.	57.	9.
2112	0000	-775	37.9822	80.8645	PPNR	1.1	1.4	6.2	1.25 -	0.23	5.51	1488.	59.	9.
2113	0000	-772	37.9823	80.8639	PPNR	1.2	1.8	6.6	1.60	0.28	5.76	1567.	57.	8.
2114	0000	-768	37.9823	80.8632	PPNR	1.2	1.9	7.0	1.59	0.27	5.85	1622.	57.	8.
2115	0000	-768	37.9823	80.8626	PPNR	1.3 +	2.0	7.2	1.62	0.28	5.72	1665.	56.	7.
2116	0000	-767	37.9823	80.8619	PPNR	1.2	1.9	7.4	1.57	0.26	6.01	1664.	57.	7.
2117	0000	-763	37.9823	80.8613	PPNR	1.2 +	1.7	7.5 +	1.37	0.23	5.98	1634.	57.	8.
2118	0000	-761	37.9823	80.8607	PPNR	1.1	1.8	7.2	1.56	0.25	6.37	1565.	58.	9.
2119	0000	-758	37.9823	80.8600	PPNR	1.1	1.6	6.4	1.55	0.26	6.06	1460.	59.	9.
2120	0000	-755	37.9824	80.8594	PPNR	1.0	1.2	5.6	1.22 -	0.22	5.51	1372.	62.	11.
2121	0000	-755	37.9824	80.8588	PPNR	0.9	1.2	5.2	1.26 -	0.23	5.49	1299.	61.	12.
2122	0000	-753	37.9824	80.8581	PPNR	0.9	1.0 -	5.1	1.21 -	0.21 -	5.85	1233.	61.	12.
2123	0000	-750	37.9824	80.8574	PPNR	0.8	0.9 -	4.8	1.13 -	0.19 -	5.87	1191.	59.	12.
2124	0000	-748	37.9824	80.8568	PPNR	0.8	1.0 -	4.4 -	1.35	0.23	5.78	1148.	61.	11.
2125	0000	-747	37.9824	80.8561	PPNR	0.7	1.1 -	4.2 -	1.59	0.28	5.76	1110.	64.	10.
2126	0000	-745	37.9824	80.8555	PPNR	0.7	1.3	4.3 -	1.81	0.29	6.14	1096.	65.	9.
2127	0000	-743	37.9825	80.8548	PPNR	0.7	1.3	5.1	1.78	0.26	6.93	1116.	61.	7.
2128	0000	-740	37.9825	80.8542	PPNR	0.8	1.5	5.1	1.93	0.29	6.77	1136.	61.	5.
2129	0000	-739	37.9825	80.8535	PPNR	0.8	1.6	4.9	1.96	0.32	6.22	1149.	61.	4.
2130	0000	-737	37.9825	80.8529	PPNR	0.8	1.6	5.1	1.98	0.32	6.15	1168.	62.	3.
2131	0000	-735	37.9826	80.8522	PPNR	0.9	1.6	5.0	1.89	0.32	5.82	1179.	61.	4.
2132	0000	-734	37.9826	80.8515	PPNR	0.8	1.6	5.2	1.92	0.30	6.37	1178.	61.	4.
2133	0000	-732	37.9826	80.8510	PPNR	0.8	1.5	5.1	1.82	0.29	6.36	1171.	59.	5.
2134	0000	-731	37.9826	80.8503	PPNR	0.8	1.5	4.3 -	1.97	0.35	5.58	1131.	59.	7.
2135	0000	-731	37.9826	80.8497	PPNR	0.7	1.5	4.1 -	2.01	0.35	5.71	1079.	58.	8.
2136	0000	-728	37.9826	80.8490	PPNR	0.7	1.3	4.4 -	1.82	0.29	6.26	1032.	55.	9.
2137	0000	-724	37.9826	80.8484	PPNR	0.7	1.1 -	4.3 -	1.62	0.25	6.53	978.	56.	10.
2138	0000	-723	37.9827	80.8477	PPNR	0.6 -	0.9 -	4.3 -	1.50	0.22	6.99	946.	56.	10.
2139	0000	-720	37.9827	80.8470	PPNR	0.6 -	1.0 -	4.2 -	1.58	0.23	6.85	945.	56.	9.
2140	0000	-718	37.9827	80.8464	PPNR	0.6 -	1.2	4.4 -	2.01	0.27	7.35	957.	55.	8.
2141	0000	-717	37.9827	80.8457	PPNR	0.6 -	1.1 -	4.5 -	1.92	0.25	7.80	976.	53.	7.
2142	0000	-715	37.9827	80.8451	PPNR	0.6 -	1.2	4.7	1.98	0.26	7.70	1026.	54.	6.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS				* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-710	37.9827	80.8444	PPNR	0.7	1.3	4.8	1.95	0.27	7.29	1091.	55.	5.
2144	0000	-708	37.9827	80.8438	PPNR	0.6	1.5	5.1	2.26	0.29	7.84	1130.	55.	5.
2145	0000	-706	37.9828	80.8431	PPNR	0.7	1.6	6.0	2.30	0.26	8.81 +	1175.	53.	4.
2146	0000	-704	37.9828	80.8425	PPNR	0.7	1.6	5.9	2.16	0.27	7.92	1220.	52.	5.
2147	0000	-701	37.9828	80.8418	PPNR	0.8	1.5	6.0	1.89	0.25	7.66	1240.	53.	5.
2148	0000	-699	37.9828	80.8413	PPNR	0.8	1.4	6.3	1.66	0.22	7.51	1274.	58.	5.
2149	0000	-696	37.9828	80.8406	PPNR	0.9	1.4	6.0	1.69	0.24	7.05	1277.	59.	5.
2150	0000	-693	37.9828	80.8400	PPNR	0.8	1.6	6.0	2.00	0.27	7.50	1255.	60.	4.
2151	0000	-691	37.9828	80.8393	PPNR	0.8	1.6	5.9	1.97	0.27	7.31	1229.	60.	3.
2152	0000	-690	37.9829	80.8387	PPNR	0.8	1.7	5.2	2.17	0.32	6.76	1191.	61.	3.
2153	0000	-689	37.9829	80.8380	PPNR	0.7	1.5	4.9	2.06	0.31	6.58	1138.	63.	3.
2154	0000	-687	37.9829	80.8373	PPNR	0.7	1.7	4.6	2.35	0.36	6.48	1113.	64.	2.
2155	0000	-686	37.9829	80.8367	PPNR	0.7	1.9	4.2 -	2.81 +	0.44 +	6.36	1063.	63.	2.
2156	0000	-685	37.9829	80.8360	PPNR	0.6 -	1.8	4.5 -	3.09 +	0.40 +	7.69	1020.	63.	2.
2157	0000	-683	37.9829	80.8354	PPNR	0.5 -	1.5	4.7	2.79 +	0.32	8.84 +	982.	61.	2.
2158	0000	-681	37.9829	80.8347	PPNR	0.5 -	1.5	4.4 -	2.82 +	0.34	8.29 +	964.	62.	2.
2159	0000	-680	37.9830	80.8340	PPNR	0.5 -	1.4	4.3 -	2.79 +	0.33	8.49 +	965.	63.	2.
2160	0000	-679	37.9830	80.8334	PPNR	0.5 -	1.5	4.5 -	2.96 +	0.34	8.62 +	976.	62.	2.
2161	0000	-677	37.9830	80.8327	PPNR	0.5 -	1.5	4.7	2.73 +	0.31	8.84 +	993.	60.	3.
2162	0000	-674	37.9830	80.8322	PPNR	0.6 -	1.4	5.2	2.20	0.26	8.41 +	1040.	58.	2.
2163	0000	-673	37.9830	80.8316	PPNR	0.7	1.4	5.0	1.90	0.27	6.93	1107.	60.	2.
2164	0000	-671	37.9830	80.8311	PPNR	0.8	1.7	4.9	2.16	0.35	6.11	1173.	61.	2.
2165	0000	-668	37.9830	80.8305	PPNR	0.8	1.9	5.4	2.24	0.35	6.40	1234.	60.	2.
2166	0000	-666	37.9830	80.8298	PPNR	0.9	1.7	6.0	1.90	0.29	6.50	1282.	59.	2.
2167	0000	-664	37.9830	80.8293	PPNR	0.9	1.9	6.5	1.97	0.29	6.87	1345.	59.	2.
2168	0000	-662	37.9829	80.8287	PPNR	1.0	1.8	6.8	1.73	0.27	6.50	1382.	60.	2.
2169	0000	-660	37.9829	80.8281	PPNR	1.0	1.8	6.6	1.79	0.28	6.45	1403.	62.	3.
2170	0000	-657	37.9829	80.8276	PPNR	1.0	1.8	6.8	1.79	0.26	6.91	1400.	60.	4.
2171	0000	-655	37.9829	80.8271	PPNR	0.9	1.9	6.4	2.04	0.30	6.84	1393.	60.	5.
2172	0000	-655	37.9829	80.8265	PPNR	0.9	1.8	6.1	1.88	0.29	6.55	1369.	59.	6.
2173	0000	-654	37.9829	80.8259	PPNR	0.9	1.8	5.8	2.11	0.32	6.62	1332.	58.	7.
2174	0000	-652	37.9829	80.8253	PPNR	0.8	1.7	4.9	2.11	0.34	6.19	1263.	59.	8.
2175	0000	-651	37.9828	80.8247	PPNR	0.7	1.6	4.7	2.36	0.34	6.89	1228.	57.	9.
2176	0000	-651	37.9828	80.8241	PPNR	0.6 -	1.6	4.7	2.63 +	0.34	7.70	1187.	57.	9.
2177	0000	-649	37.9828	80.8236	PPNR	0.6 -	1.7	4.7	2.70 +	0.36	7.56	1164.	57.	9.
2178	0000	-647	37.9828	80.8230	PPNR	0.6	1.4	4.6	2.14	0.30	7.20	1129.	56.	10.
2179	0000	-647	37.9828	80.8225	PPNR	0.5 -	1.5	4.7	2.79 +	0.33	8.58 +	1120.	58.	9.
2180	0000	-647	37.9828	80.8219	PPNR	0.5 -	1.6	4.4 -	3.07 +	0.37	8.36 +	1111.	58.	9.
2181	0000	-646	37.9828	80.8213	PPNR	0.5 -	1.4	4.7	2.84 +	0.30	9.34 +	1122.	57.	9.
2182	0000	-645	37.9828	80.8207	PPNR	0.5 -	1.5	4.7	3.01 +	0.33	9.10 +	1120.	55.	9.
2183	0000	-643	37.9827	80.8201	PPNR	0.5 -	1.8	4.5 -	3.46 +	0.39 +	8.90 +	1110.	56.	8.
2184	0000	-642	37.9827	80.8196	PPNR	0.5 -	1.8	4.5 -	3.49 +	0.39 +	9.00 +	1105.	56.	8.
2185	0000	-642	37.9827	80.8190	PPNR	0.5 -	1.9	4.3 -	3.94 ++	0.46 +	8.63 +	1111.	57.	7.
2186	0000	-638	37.9827	80.8185	PPNR	0.5 -	1.8	4.2 -	3.23 +	0.42 +	7.66	1113.	57.	7.
2187	0000	-635	37.9827	80.8179	PPNR	0.6 -	1.6	4.4 -	2.68 +	0.35	7.59	1121.	57.	7.
2188	0000	-635	37.9827	80.8173	PPNR	0.6 -	1.8	4.3 -	2.98 +	0.41 +	7.22	1098.	60.	6.
2189	0000	-632	37.9827	80.8167	PPNR	0.6 -	1.8	4.3 -	3.10 +	0.42 +	7.42	1067.	60.	5.
2190	0000	-630	37.9827	80.8161	PPNR	0.6 -	1.5	4.0 -	2.67 +	0.39 +	6.89	1037.	59.	6.
2191	0000	-630	37.9827	80.8156	PPNR	0.5 -	1.2	3.8 -	2.25	0.32	7.01	982.	60.	6.
2192	0000	-627	37.9827	80.8150	PPNR	0.5 -	0.9 -	4.0 -	1.82	0.23	7.76	937.	60.	7.
2193	0000	-623	37.9826	80.8145	PPNR	0.5 -	0.7 -	3.7 -	1.44	0.19 -	7.43	884.	60.	8.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR PS
2194	0000	-623	37.9826	80.8139	PPNR	0.5 -	0.8 -	3.4 -	1.64	0.24	6.96	857.	56.	9.
2195	0000	-621	37.9826	80.8134	PPNR	0.5 -	0.6 --	3.3 -	1.22 -	0.18 -	6.63	832.	54.	11.
2196	0000	-619	37.9826	80.8127	PPNR	0.5 -	0.5 --	3.0 --	1.13 -	0.18 -	6.22	824.	54.	12.
2197	0000	-620	37.9826	80.8121	PPNR	0.5 -	0.4 --	3.2 -	0.84 --	0.13 --	6.34	827.	54.	12.
2198	0000	-620	37.9825	80.8116	PPNR	0.5 -	0.5 --	3.3 -	0.92 --	0.14 --	6.51	844.	54.	12.
2199	0000	-617	37.9825	80.8111	PPNR	0.5 -	0.5 --	3.6 -	1.04 -	0.15 --	7.06	871.	53.	12.
2200	0000	-617	37.9825	80.8105	PPNR	0.5 -	0.7 -	3.9 -	1.40	0.18 -	7.64	908.	51.	12.
2201	0000	-616	37.9825	80.8099	PPNR	0.5 -	0.7 -	3.9 -	1.23 -	0.17 -	7.25	936.	55.	12.
2202	0000	-615	37.9825	80.8094	PPNR	0.6 -	0.7 -	4.2 -	1.30 -	0.18 -	7.41	992.	55.	12.
2203	0000	-614	37.9825	80.8087	PPNR	0.7	0.8 -	4.7	1.16 -	0.16 -	7.13	1054.	56.	12.
2204	0000	-614	37.9825	80.8082	PPNR	0.6	1.2	5.1	1.83	0.23	8.00 +	1113.	57.	11.
2205	0000	-613	37.9825	80.8076	PPNR	0.7	1.5	5.3	2.10	0.28	7.60	1172.	58.	11.
2206	0000	-613	37.9825	80.8071	PPNR	0.8	1.5	5.5	1.91	0.28	6.76	1215.	61.	10.
2207	0000	-615	37.9825	80.8065	PPNR	0.9	1.6	5.4	1.86	0.30	6.16	1232.	61.	9.
2208	0000	-614	37.9824	80.8059	PPNR	0.8	1.6	5.9	1.86	0.26	7.02	1230.	59.	9.
2209	0000	-614	37.9824	80.8053	PPNR	0.8	1.5	5.6	1.83	0.28	6.60	1198.	59.	8.
2210	0000	-614	37.9824	80.8048	PPNR	0.8	1.6	5.3	2.09	0.30	6.94	1139.	58.	8.
2211	0000	-614	37.9824	80.8042	PPNR	0.7	1.2	4.9	1.65	0.25	6.65	1070.	58.	8.
2212	0000	-615	37.9824	80.8036	PPNR	0.7	1.2	4.6	1.82	0.26	7.04	1010.	57.	7.
2213	0000	-615	37.9824	80.8031	PPNR	0.6 -	1.2 -	4.4 -	1.97	0.26	7.55	965.	58.	6.
2214	0000	-613	37.9824	80.8025	PPNR	0.5 -	1.4	4.6	2.55	0.30	8.60 +	957.	60.	5.
2215	0000	-612	37.9824	80.8019	PPNR	0.6 -	1.4	4.3 -	2.48	0.33	7.50	984.	64.	4.
2216	0000	-611	37.9824	80.8013	PPNR	0.6 -	1.7	4.5 -	3.02 +	0.38 +	7.84	1023.	66.	2.
2217	0000	-610	37.9824	80.8008	PPNR	0.7	1.8	4.6	2.77 +	0.40 +	6.96	1072.	69.	2.
2218	0000	-611	37.9824	80.8002	PPNR	0.7	2.2	4.7	3.13 +	0.47 +	6.67	1144.	70.	1.
2219	0000	-609	37.9823	80.7996	PPNR	0.8	2.1	5.1	2.64 +	0.42 +	6.33	1228.	69.	1.
2220	0000	-607	37.9823	80.7991	PPNR	0.9	2.3 +	5.7	2.54	0.40 +	6.31	1334.	66.	2.
2221	0000	-607	37.9823	80.7985	PPNR	1.0	2.2	5.9	2.36	0.38 +	6.18	1419.	64.	4.
2222	0000	-607	37.9823	80.7979	PPNR	1.0	2.3 +	6.0	2.39	0.39 +	6.13	1469.	63.	5.
2223	0000	-605	37.9823	80.7973	PPNR	1.0	2.0	6.3	2.09	0.32	6.55	1498.	63.	7.
2224	0000	-605	37.9822	80.7968	PPNR	0.9	1.9	6.3	1.99	0.30	6.72	1524.	61.	10.
2225	0000	-605	37.9822	80.7962	PPNR	0.9	1.6	6.2	1.73	0.26	6.69	1533.	59.	12.
2226	0000	-604	37.9822	80.7956	PPNR	0.9	1.6	6.3	1.78	0.25	7.00	1526.	58.	13.
2227	0000	-604	37.9822	80.7951	PPNR	0.8	1.4	6.2	1.64	0.22	7.34	1490.	62.	14.
2228	0000	-603	37.9822	80.7945	PPNR	0.8	1.2	6.4	1.41	0.18 -	7.65	1442.	62.	14.
2229	0000	-602	37.9822	80.7939	PPNR	0.8	1.2 -	6.4	1.38	0.18 -	7.60	1399.	61.	13.
2230	0000	-602	37.9822	80.7934	PPNR	0.9	1.2	6.4	1.44	0.19 -	7.42	1375.	60.	12.
2231	0000	-602	37.9822	80.7928	PPNR	0.9	1.2	6.7	1.40	0.18 -	7.70	1349.	60.	10.
2232	0000	-600	37.9822	80.7922	PPNR	0.9	1.3	7.1	1.44	0.18 -	7.98 +	1329.	59.	7.
2233	0000	-601	37.9822	80.7917	PPNR	0.9	1.4	7.0	1.57	0.20 -	7.85	1302.	61.	5.
2234	0000	-601	37.9821	80.7910	PPNR	0.9	1.4	6.9	1.64	0.21 -	7.99 +	1264.	60.	3.
2235	0000	-599	37.9821	80.7905	PPNR	0.8	1.5	6.4	1.72	0.23	7.54	1243.	60.	2.
2236	0000	-598	37.9821	80.7900	PPNR	0.8	1.6	6.4	2.07	0.25	8.26 +	1226.	61.	1.
2237	0000	-598	37.9821	80.7894	PPNR	0.7	1.7	6.2	2.40	0.27	8.83 +	1216.	62.	0.
2238	0000	-597	37.9821	80.7888	PPNR	0.7	1.7	6.2	2.47	0.27	9.15 +	1195.	63.	0.
2239	0000	-596	37.9820	80.7882	PPNR	0.6 -	1.8	5.8	2.83 +	0.31	9.20 +	1157.	62.	1.
2240	0000	-595	37.9820	80.7876	PPNR	0.6 -	1.6	5.5	2.80 +	0.30	9.32 +	1097.	61.	1.
2241	0000	-594	37.9820	80.7870	PPNR	0.5 -	1.6	5.0	3.08 +	0.32	9.56 +	1040.	61.	3.
2242	0000	-594	37.9820	80.7866	PPNR	0.5 -	1.6	4.7	3.35 +	0.34	9.93 ++	975.	60.	4.
2243	0000	-594	37.9820	80.7860	PPNR	0.5 -	1.4	4.5 -	3.08 +	0.32	9.56 +	926.	58.	5.
2244	0000	-595	37.9820	80.7854	PPNR	0.5 -	1.2	4.2 -	2.43	0.29	8.43 +	857.	56.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-594	37.9820	80.7848	PPNR	0.5 -	1.2	3.6 -	2.55	0.33	7.63	804.	55.	7.
2246	0000	-592	37.9820	80.7842	PPNR	0.4 -	0.9 -	3.3 -	2.07	0.28	7.31	746.	58.	7.
2247	0000	-591	37.9820	80.7836	PPNR	0.4 -	0.9 -	3.1 --	2.12	0.30	7.08	717.	58.	7.
2248	0000	-590	37.9820	80.7831	PPNR	0.4 -	0.9 -	2.9 --	2.10	0.30	6.99	695.	57.	6.
2249	0000	-591	37.9819	80.7826	PPNR	0.4 -	0.9 -	2.6 --	2.39	0.36	6.62	688.	59.	5.
2250	0000	-591	37.9819	80.7820	PPNR	0.4 -	0.9 -	2.4 --	2.37	0.37	6.41	661.	60.	4.
2251	0000	-591	37.9819	80.7814	PPNR	0.3 -	1.0 -	2.4 --	2.91 +	0.42 +	6.95	660.	61.	3.
2252	0000	-591	37.9819	80.7808	PPNR	0.3 -	1.0 -	2.4 --	2.87 +	0.39 +	7.30	656.	60.	3.
2253	0000	-590	37.9819	80.7802	PPNR	0.3 -	1.0 -	2.5 --	3.09 +	0.42 +	7.37	657.	58.	2.
2254	0000	-588	37.9819	80.7796	PPNR	0.3 -	1.1 -	2.3 --	3.29 +	0.47 +	6.96	659.	61.	3.
2255	0000	-589	37.9819	80.7791	PPP	0.3 --	1.1 -	2.0 --	3.14 +	0.52 ++	5.98	652.	62.	4.
2256	0000	-589	37.9819	80.7785	PPP	0.4 --	0.9 -	2.2 --	2.42	0.40 +	6.09	631.	60.	5.
2257	0000	-590	37.9819	80.7780	PPP	0.4 --	0.7 --	2.3 --	1.95	0.31	6.30	625.	59.	7.
2258	0000	-590	37.9819	80.7774	PPP	0.4 --	0.7 --	2.2 --	1.85	0.32	5.72	626.	60.	7.
2259	0000	-587	37.9819	80.7769	PPP	0.4 --	0.7 --	2.1 --	1.82	0.32	5.69	618.	60.	8.
2260	0000	-587	37.9818	80.7762	PPP	0.4 --	0.5 --	2.5 --	1.30 -	0.22 -	6.04	648.	60.	9.
2261	0000	-588	37.9818	80.7756	PPP	0.4 --	0.5 --	2.9 --	1.26 -	0.18 -	6.98	701.	58.	9.
2262	0000	-586	37.9818	80.7751	PPP	0.5 -	0.6 --	3.5 -	1.27 -	0.18 -	7.17	772.	57.	9.
2263	0000	-587	37.9818	80.7746	PPP	0.5 -	0.8 -	3.9 -	1.47	0.20 -	7.44	838.	58.	8.
2264	0000	-587	37.9818	80.7740	PPP	0.5 -	1.0 -	4.0 -	1.89	0.25	7.67	902.	59.	7.
2265	0000	-584	37.9817	80.7734	PPP	0.6 -	0.9 -	4.3 -	1.68	0.22	7.69	963.	58.	7.
2266	0000	-584	37.9817	80.7729	PPP	0.6 -	1.2 -	4.7 -	1.89	0.25	7.55	1040.	60.	6.
2267	0000	-585	37.9817	80.7723	PPP	0.7 -	1.3 -	4.9 -	1.94	0.26	7.48	1104.	60.	6.
2268	0000	-584	37.9817	80.7717	PPP	0.7	1.2 -	5.0	1.71	0.24	7.17	1140.	63.	6.
2269	0000	-583	37.9817	80.7711	PPP	0.7	1.2 -	4.8 -	1.75	0.26	6.77	1141.	63.	6.
2270	0000	-582	37.9817	80.7705	PPP	0.7	1.1 -	5.3	1.50	0.20 -	7.40	1173.	62.	7.
2271	0000	-582	37.9817	80.7700	PPP	0.7	1.2 -	5.6	1.61	0.21 -	7.73	1192.	59.	7.
2272	0000	-584	37.9817	80.7694	PPP	0.8	1.2 -	5.7	1.60	0.21 -	7.51	1203.	57.	8.
2273	0000	-584	37.9817	80.7689	PPP	0.7	1.2 -	5.5	1.62	0.22	7.46	1207.	55.	9.
2274	0000	-581	37.9817	80.7683	PPP	0.7	1.1 -	5.2	1.44	0.21 -	6.96	1187.	55.	9.
2275	0000	-579	37.9816	80.7677	PPP	0.7	1.0 -	5.2	1.33	0.19 -	7.18	1168.	53.	10.
2276	0000	-577	37.9816	80.7671	PPP	0.7	0.9 -	5.4	1.28 -	0.17 -	7.41	1173.	51.	10.
2277	0000	-577	37.9816	80.7665	MBP	0.7	1.1 -	4.8 -	1.57 -	0.23	6.70 -	1159.	51.	11.
2278	0000	-577	37.9816	80.7660	MBP	0.7	1.1 -	4.5 -	1.47 -	0.23	6.24 -	1144.	51.	11.
2279	0000	-575	37.9816	80.7654	MBP	0.7	1.1 -	4.4 -	1.60	0.24	6.64 -	1121.	53.	11.
2280	0000	-575	37.9816	80.7649	MBP	0.7	0.9 -	4.4 -	1.39 -	0.21	6.71 -	1090.	54.	10.
2281	0000	-575	37.9816	80.7643	MBP	0.7	1.2 -	4.6 -	1.69	0.25	6.74 -	1099.	57.	10.
2282	0000	-575	37.9816	80.7637	MBP	0.7	1.2	4.8 -	1.73	0.26	6.73 -	1114.	57.	10.
2283	0000	-575	37.9816	80.7631	MBP	0.7	1.3	4.9 -	1.73	0.26	6.66 -	1144.	58.	10.
2284	0000	-574	37.9816	80.7625	MBP	0.8	1.2 -	5.1	1.53 -	0.22	6.85 -	1170.	59.	10.
2285	0000	-572	37.9815	80.7620	MBP	0.8	1.1 -	5.4	1.46 -	0.21	6.84 -	1193.	60.	9.
2286	0000	-571	37.9815	80.7614	MBP	0.8	1.2 -	5.5	1.40 -	0.21	6.64 -	1248.	57.	9.
2287	0000	-570	37.9815	80.7608	MBP	0.8	1.3	5.6	1.59	0.24	6.63 -	1271.	55.	9.
2288	0000	-569	37.9815	80.7603	MBP	0.8	1.5	5.5	2.03	0.28	7.36	1267.	51.	8.
2289	0000	-569	37.9815	80.7597	MBP	0.7	1.6	5.4	2.21	0.30	7.34	1259.	50.	7.
2290	0000	-569	37.9814	80.7591	MBP	0.7	1.5	5.4	2.08	0.28	7.55	1230.	50.	7.
2291	0000	-570	37.9814	80.7585	MBP	0.7	1.8	5.3	2.60	0.33	7.76	1200.	51.	6.
2292	0000	-571	37.9814	80.7580	MBP	0.7	1.7	5.2	2.40	0.33	7.35	1196.	54.	6.
2293	0000	-570	37.9814	80.7574	MBP	0.7	1.7	5.3	2.41	0.31	7.66	1180.	56.	6.
2294	0000	-569	37.9814	80.7569	MBP	0.7	1.7	5.5	2.42	0.31	7.91	1208.	57.	5.
2295	0000	-568	37.9814	80.7563	MBP	0.7	1.4	5.6	1.95	0.26	7.57	1209.	59.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-568	37.9814	80.7557	MBP	0.7	1.6	5.5	2.32	0.29	7.93	1204.	60.	6.
2297	0000	-568	37.9814	80.7552	MBP	0.7	1.8	5.4	2.42	0.32	7.52	1215.	61.	5.
2298	0000	-568	37.9814	80.7545	MBP	0.8	1.5	5.8	1.96	0.26	7.51	1234.	60.	5.
2299	0000	-568	37.9814	80.7540	MBP	0.8	1.6	5.7	2.01	0.28	7.18	1248.	60.	5.
2300	0000	-569	37.9813	80.7535	MBP	0.8	1.6	5.8	1.98	0.28	6.95	1245.	61.	5.
2301	0000	-569	37.9813	80.7529	MBP	0.8	1.5	5.6	1.84	0.27	6.71 -	1246.	60.	5.
2302	0000	-569	37.9813	80.7523	MBP	0.9	1.7	5.7	2.00	0.30	6.68 -	1250.	57.	5.
2303	0000	-569	37.9813	80.7517	PPP	0.9	1.4	5.5	1.55	0.26	6.01	1256.	57.	5.
2304	0000	-570	37.9813	80.7512	PPP	0.9	1.4	5.7	1.64	0.25	6.51	1259.	57.	5.
2305	0000	-570	37.9813	80.7505	PPP	0.9	1.6	5.5	1.82	0.28	6.44	1271.	56.	6.
2306	0000	-569	37.9812	80.7500	PPP	0.8	1.6	5.7	2.00	0.28	7.18	1276.	55.	6.
2307	0000	-570	37.9812	80.7495	PPP	0.8	1.5	5.9	1.83	0.25	7.20	1278.	52.	8.
2308	0000	-571	37.9812	80.7489	PPP	0.8	1.5	6.0	1.90	0.26	7.38	1275.	53.	8.
2309	0000	-570	37.9812	80.7483	PPP	0.8	1.8	5.8	2.22	0.30	7.32	1278.	56.	7.
2310	0000	-570	37.9812	80.7477	PPP	0.7	1.9	6.0	2.63 +	0.33	8.07 +	1270.	57.	7.
2311	0000	-569	37.9812	80.7472	PPP	0.7	1.9	5.5	2.57 +	0.34	7.48	1242.	60.	8.
2312	0000	-569	37.9812	80.7466	PPP	0.7	1.8	5.5	2.46	0.33	7.38	1205.	61.	7.
2313	0000	-568	37.9812	80.7460	PPP	0.7	1.8	5.0	2.55 +	0.36 +	6.99	1139.	63.	6.
2314	0000	-568	37.9812	80.7455	PPP	0.6 -	2.0	4.5 -	3.17 +	0.44 +	7.18	1092.	64.	5.
2315	0000	-569	37.9812	80.7449	PPNR	0.6 -	2.0	4.2 -	3.62 ++	0.49 +	7.45	1024.	63.	4.
2316	0000	-569	37.9811	80.7443	PPNR	0.5 -	1.5	3.9 -	2.85 +	0.40 +	7.18	960.	62.	4.
2317	0000	-568	37.9811	80.7437	PPNR	0.5 -	1.4	3.7 -	2.70 +	0.37 +	7.21	900.	62.	5.
2318	0000	-568	37.9811	80.7431	PPNR	0.5 -	1.3	3.7 -	2.63 +	0.34	7.79	865.	62.	5.
2319	0000	-567	37.9811	80.7426	•PPNR	0.4 -	1.1 -	3.2 -	2.63 +	0.35	7.42	828.	62.	6.
2320	0000	-566	37.9811	80.7420	PPNR	0.4 -	1.0 -	3.0 --	2.54	0.33	7.62	811.	62.	6.
2321	0000	-566	37.9810	80.7415	PPNR	0.4 -	0.9 -	3.2 -	2.12	0.27	7.90	804.	62.	7.
2322	0000	-566	37.9810	80.7409	PPNR	0.5 -	0.5 --	3.3 -	1.08 -	0.15 --	7.03	812.	61.	9.
2323	0000	-567	37.9810	80.7404	PPNR	0.5 -	0.5 --	3.4 -	0.96 -	0.14 --	7.04	836.	60.	9.
2324	0000	-567	37.9810	80.7397	PPNR	0.5 -	0.6 --	3.5 -	1.10 -	0.16 --	7.03	873.	60.	9.
2325	0000	-566	37.9810	80.7391	PPNR	0.5 -	0.8 -	3.7 -	1.68	0.22	7.62	911.	58.	9.
2326	0000	-566	37.9810	80.7386	PPNR	0.5 -	1.0 -	4.2 -	1.90	0.24	7.98 +	947.	59.	8.
2327	0000	-566	37.9810	80.7380	PPNR	0.6 -	1.0 -	4.5 -	1.74	0.22	7.83	983.	58.	8.
2328	0000	-565	37.9810	80.7375	PPNR	0.6 -	1.1 -	4.2 -	1.86	0.25	7.28	1003.	58.	8.
2329	0000	-563	37.9810	80.7369	PPNR	0.6 -	1.4	4.3 -	2.43	0.33	7.44	1018.	59.	7.
2330	0000	-563	37.9810	80.7364	PPNR	0.5 -	1.7	4.4 -	3.08 +	0.38 +	8.10 +	1032.	60.	7.
2331	0000	-564	37.9809	80.7358	PPNR	0.6 -	1.7	4.5 -	2.97 +	0.37	8.05 +	1043.	57.	7.
2332	0000	-562	37.9809	80.7352	PPNR	0.6 -	1.5	4.5 -	2.37	0.33	7.25	1044.	58.	7.
2333	0000	-560	37.9809	80.7346	PPNR	0.6 -	1.4	4.4 -	2.32	0.32	7.20	1037.	57.	7.
2334	0000	-561	37.9809	80.7340	PPNR	0.6 -	1.4	4.4 -	2.36	0.32	7.43	1007.	57.	7.
2335	0000	-561	37.9809	80.7335	PPP	0.6 -	1.5	4.3 -	2.69 +	0.35	7.69	974.	59.	6.
2336	0000	-559	37.9809	80.7329	PPP	0.5 -	1.3	4.1 -	2.51 +	0.32	7.95 +	939.	61.	5.
2337	0000	-559	37.9809	80.7324	PPP	0.6 -	1.2 -	4.0 -	2.09	0.29	7.17	918.	61.	4.
2338	0000	-560	37.9809	80.7318	PPP	0.6 -	1.2 -	3.7 -	2.15	0.33	6.53	899.	65.	3.
2339	0000	-559	37.9809	80.7312	PPP	0.5 -	1.4	3.6 -	2.62 +	0.38 +	6.90	880.	66.	3.
2340	0000	-560	37.9808	80.7306	PPP	0.5 -	1.5	3.6 -	2.90 +	0.42 +	6.91	877.	65.	2.
2341	0000	-560	37.9808	80.7300	MBP	0.5	1.8	3.4 --	3.41 +	0.52 ++	6.58 -	904.	64.	2.
2342	0000	-559	37.9808	80.7295	MBP	0.6	1.7	3.5 --	3.16	0.50 ++	6.36 -	930.	63.	2.
2343	0000	-559	37.9808	80.7289	MBP	0.6	1.9	3.7 -	3.15	0.51 ++	6.23 -	973.	60.	3.
2344	0000	-559	37.9808	80.7284	MBP	0.6	1.9	4.1 -	3.37 +	0.45 +	7.42	997.	60.	3.
2345	0000	-559	37.9808	80.7278	MBP	0.6	2.0	4.2 -	3.56 +	0.47 ++	7.55	1010.	58.	4.
2346	0000	-559	37.9807	80.7272	MBP	0.5	1.8	4.1 -	3.32	0.44 +	7.53	1015.	57.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-557	37.9807	80.7266		MBP	0.6	1.6	4.0 -	2.92	0.41 +	7.22	1000.	56.	6.
2348	0000	-557	37.9807	80.7260		MBP	0.6	1.3	4.3 -	2.26	0.30	7.57	976.	56.	6.
2349	0000	-557	37.9807	80.7254		MBP	0.5	1.2 -	4.2 -	2.18	0.27	8.02	950.	57.	6.
2350	0000	-556	37.9807	80.7249		MBP	0.5 -	1.1 -	4.0 -	2.26	0.28	8.03	918.	59.	6.
2351	0000	-555	37.9807	80.7244		MBP	0.5	1.1 -	3.7 -	2.10	0.30	7.02	898.	60.	6.
2352	0000	-556	37.9807	80.7238		QAL	0.5 -	1.0 -	3.5 --	1.92	0.28	6.97	891.	57.	7.
2353	0000	-557	37.9807	80.7232		QAL	0.5 -	0.9 -	3.5 --	1.86	0.26	7.20 -	878.	59.	7.
2354	0000	-557	37.9807	80.7226		QAL	0.5 -	1.1	3.7 --	2.32	0.31	7.5[illegible] -	89[illegible].	59.	7.
2355	0000	-556	37.9807	80.7220		QAL	0.5 -	1.3	3.6 --	2.53	0.36 +	7.0[illegible] -	[illegible]14.	60.	7.
2356	0000	-555	37.9807	80.7214		QAL	0.5 -	1.3	4.0 -	2.60	0.33 +	7.8[illegible] -	955.	56.	8.
2357	0000	-556	37.9806	80.7209		QAL	0.5 -	1.2	4.[illegible] -	2.29	0.27	8.65	957.	56.	8.
2358	0000	-555	37.9806	80.7204		QAL	0.5 -	1.2	4.7 -	2.47	0.25	9.86	959.	57.	8.
2359	0000	-553	37.9806	80.7198		QAL	0.5 -	1.0 -	5.3	2.15	0.20	10.92	969.	58.	8.
2360	0000	-554	37.9806	80.7192		QAL	0.5 -	1.0 -	5.4	1.99	0.19 -	10.39	997.	58.	8.
2361	0000	-554	37.9806	80.7187		QAL	0.5	0.9 -	5.4	1.63 -	0.16 -	10.27	1016.	57.	8.
2362	0000	-553	37.9805	80.7180		QAL	0.6	0.8 --	5.5	1.49 -	0.15 --	9.86	1036.	58.	8.
2363	0000	-554	37.9805	80.7174		QAL	0.6	0.8 --	5.7	1.33 -	0.14 --	9.29	1054.	60.	8.
2364	0000	-554	37.9805	80.7170		QAL	0.6	1.0 -	5.5	1.55 -	0.18 -	8.56	1106.	58.	7.
2365	0000	-552	37.9805	80.7164		QAL	0.7	0.9 -	5.2	1.38 -	0.18 -	7.82 -	1131.	56.	8.
2366	0000	-552	37.9805	80.7158		QAL	0.7	1.0 -	5.0	1.57 -	0.21	7.51 -	1156.	56.	9.
2367	0000	-554	37.9804	80.7152		QAL	0.6	1.2	5.0	1.92	0.25	7.70 -	1159.	55.	9.
2368	0000	-555	37.9804	80.7147		MBP	0.6	1.1 -	4.9	1.79	0.23	7.84	1152.	57.	10.
2369	0000	-552	37.9804	80.7141		MBP	0.6	1.0 -	5.2	1.61	0.19 -	8.46	1131.	55.	10.
2370	0000	-552	37.9804	80.7135		MBP	0.6	0.9 -	5.0	1.54 -	0.19 -	8.15	1106.	56.	10.
2371	0000	-553	37.9804	80.7130		MBP	0.6	0.9 -	4.8 -	1.59	0.18 -	8.59	1070.	56.	11.
2372	0000	-554	37.9804	80.7124		MBP	0.5	1.2 -	4.7 -	2.19	0.25	8.72	1057.	56.	10.
2373	0000	-554	37.9804	80.7118		MBP	0.6	1.2 -	4.5 -	2.11	0.26	8.01	1020.	57.	10.
2374	0000	-555	37.9804	80.7112		MBP	0.6	1.1 -	4.6 -	1.91	0.23	8.29	994.	58.	9.
2375	0000	-555	37.9804	80.7107		MBP	0.6	1.1 -	4.5 -	1.83	0.23	7.86	980.	55.	9.
2376	0000	-555	37.9804	80.7101		MBP	0.5	1.2	4.2 -	2.33	0.29	7.97	968.	53.	8.
2377	0000	-555	37.9803	80.7095		MBP	0.5 -	1.3	4.0 -	2.67	0.33	8.10	941.	51.	7.
2378	0000	-555	37.9803	80.7089		MBP	0.5	1.3	4.0 -	2.50	0.33	7.67	914.	52.	6.
2379	0000	-556	37.9803	80.7084		MBP	0.5	1.1 -	3.7 -	2.11	0.29	7.24	885.	52.	5.
2380	0000	-556	37.9803	80.7078		MBP	0.5 -	1.1 -	3.7 -	2.24	0.29	7.62	867.	52.	4.
2381	0000	-556	37.9803	80.7072		PPP	0.5 -	1.1 -	3.4 --	2.29	0.33	7.03	851.	50.	4.
2382	0000	-556	37.9802	80.7067		PPP	0.4 --	1.2 -	3.1 --	2.75 +	0.39 +	7.03	818.	52.	3.
2383	0000	-555	37.9802	80.7061		PPP	0.5 --	1.2 -	3.0 --	2.63 +	0.39 +	6.67	794.	56.	3.
2384	0000	-556	37.9802	80.7055		PPP	0.5 --	1.1 -	3.2 --	2.31	0.33	6.91	791.	55.	4.
2385	0000	-557	37.9802	80.7049		PPP	0.4 --	1.1 -	3.2 --	2.58 +	0.36 +	7.15	793.	52.	4.
2386	0000	-558	37.9802	80.7044		PPP	0.5 --	1.0 -	3.5 -	2.25	0.30	7.44	801.	55.	5.
2387	0000	-558	37.9802	80.7038		PPP	0.5 --	1.0 -	3.7 -	2.23	0.28	7.88	815.	56.	5.
2388	0000	-558	37.9802	80.7032		PPP	0.5 -	1.0 -	3.8 -	2.17	0.28	7.81	833.	59.	6.
2389	0000	-560	37.9802	80.7027		PPP	0.5 -	1.0 -	3.9 -	2.16	0.27	8.11 +	867.	61.	7.
2390	0000	-560	37.9802	80.7021		PPP	0.5 -	1.0 -	4.0 -	1.92	0.25	7.72	903.	62.	7.
2391	0000	-560	37.9802	80.7015		PPNR	0.5 -	1.1 -	4.1 -	2.13	0.28	7.70	931.	66.	7.
2392	0000	-562	37.9801	80.7010		PPNR	0.6 -	1.0 -	4.4 -	1.68	0.23	7.45	978.	70.	7.
2393	0000	-562	37.9801	80.7004		PPNR	0.6	1.0 -	4.6	1.58	0.22	7.31	1026.	67.	7.
2394	0000	-560	37.9801	80.6999		PPNR	0.7	1.0 -	4.4 -	1.46	0.24	6.11	1083.	68.	7.
2395	0000	-561	37.9801	80.6993		PPNR	0.7	1.2	4.6	1.69	0.27	6.26	1125.	64.	6.
2396	0000	-563	37.9801	80.6987		PPNR	0.8	1.1 -	4.8	1.46	0.24	6.14	1133.	62.	5.
2397	0000	-563	37.9801	80.6981		PPNR	0.8	1.1 -	4.9	1.51	0.23	6.50	1126.	61.	5.

CP 9 LP 12

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-564	37.9801	80.6975	PPNR	0.8	1.0 -	4.4 -	1.34	0.23	5.73	1105.	58.	4.
2399	0000	-565	37.9801	80.6970	PPNR	0.7	1.0 -	4.2 -	1.42	0.25	5.74	1046.	57.	4.
2400	0000	-566	37.9801	80.6964	PPNR	0.7	1.0 -	3.8 -	1.48	0.26	5.69	976.	58.	4.
2401	0000	-564	37.9800	80.6959	PPNR	0.5 -	1.0 -	3.7 -	1.82	0.27	6.83	883.	57.	3.
2402	0000	-564	37.9800	80.6953	PPNR	0.5 -	0.7 -	3.5 -	1.34	0.19 -	6.97	811.	57.	4.
2403	0000	-566	37.9800	80.6947	PPNR	0.4 -	0.8 -	3.2 -	1.95	0.27	7.27	770.	57.	4.
2404	0000	-566	37.9800	80.6941	PPNR	0.4 -	0.8 -	3.0 --	2.07	0.28	7.37	746.	57.	4.
2405	0000	-566	37.9800	80.6935	PPNR	0.4 -	0.9 -	3.1 --	2.33	0.28	8.22 +	745.	58.	5.
2406	0000	-567	37.9800	80.6930	PPNR	0.4 -	1.0 -	3.1 --	2.46	0.31	7.98 +	794.	60.	5.
2407	0000	-568	37.9800	80.6924	PPNR	0.4 -	1.3	3.3 -	2.83 +	0.38 +	7.40	857.	59.	5.
2408	0000	-568	37.9799	80.6919	PPNR	0.5 -	1.5	3.8 -	2.90 +	0.40 +	7.31	942.	60.	5.
2409	0000	-568	37.9799	80.6913	PPNR	0.6 -	1.8	4.1 -	3.17 +	0.43 +	7.30	1028.	64.	5.
2410	0000	-568	37.9799	80.6907	PPNR	0.6 -	1.8	4.3 -	2.94 +	0.43 +	6.80	1102.	66.	6.
2411	0000	-568	37.9799	80.6901	PPNR	0.7	1.9	5.2	2.62 +	0.37	7.13	1193.	65.	6.
2412	0000	-568	37.9799	80.6895	PPNR	0.8	1.9	5.6	2.39	0.35	6.91	1267.	67.	6.
2413	0000	-568	37.9799	80.6890	PPP	0.9	2.0	6.0	2.19	0.33	6.53	1332.	65.	6.
2414	0000	-568	37.9799	80.6884	PPP	0.9	1.9	6.0	1.98	0.31	6.39	1375.	68.	8.
2415	0000	-568	37.9799	80.6879	PPP	1.0	1.6	5.8	1.60	0.27	5.98	1383.	71.	10.
2416	0000	-566	37.9799	80.6873	PPP	1.0	1.4	6.0	1.40	0.23	6.00	1381.	70.	11.
2417	0000	-565	37.9799	80.6867	PPP	1.0	1.1 -	6.6	1.05 -	0.17 --	6.34	1402.	70.	12.
2418	0000	-566	37.9798	80.6861	PPP	1.0	0.9 -	6.1	0.86 --	0.15 --	5.82	1381.	70.	14.
2419	0000	-564	37.9798	80.6855	PPP	1.0	0.6 --	6.0	0.60 ---	0.10 ---	5.78	1365.	69.	15.
2420	0000	-563	37.9798	80.6850	PPP	1.0	0.6 --	6.1	0.57 ---	0.09 ---	6.28	1320.	67.	15.
2421	0000	-564	37.9798	80.6844	MBP	1.0	0.5 --	6.1	0.56 ---	0.09 ---	6.46 -	1289.	64.	14.
2422	0000	-563	37.9798	80.6839	MBP	0.9	0.7 -	5.9	0.84 --	0.13 --	6.69 -	1264.	62.	13.
2423	0000	-563	37.9797	80.6833	MBP	0.9	0.6 --	5.4	0.75 --	0.12 --	6.27 -	1229.	64.	12.
2424	0000	-564	37.9797	80.6827	MBP	0.8	0.9 -	5.1	1.15 -	0.18 -	6.33 -	1204.	61.	10.
2425	0000	-564	37.9797	80.6822	MBP	0.8	1.1 -	5.0	1.48 -	0.22	6.58 -	1195.	59.	9.
2426	0000	-564	37.9797	80.6815	MBP	0.7	1.3	4.6 -	1.86	0.28	6.54 -	1162.	61.	8.
2427	0000	-564	37.9797	80.6810	MBP	0.7	1.3	4.4 -	1.79	0.28	6.34 -	1143.	60.	7.
2428	0000	-564	37.9797	80.6804	MBP	0.7	1.1 -	4.7 -	1.65	0.24	6.95	1134.	62.	7.
2429	0000	-563	37.9797	80.6799	MBP	0.7	0.9 -	4.8 -	1.24 -	0.18 -	6.86 -	1129.	60.	7.
2430	0000	-561	37.9797	80.6793	MBP	0.7	1.0 -	5.2	1.39 -	0.19 -	7.24	1153.	58.	7.
2431	0000	-561	37.9797	80.6787	MBP	0.7	1.0 -	5.2	1.41 -	0.20 -	7.22	1153.	59.	7.
2432	0000	-561	37.9797	80.6782	MBP	0.8	1.1 -	5.3	1.40 -	0.20 -	7.07	1160.	60.	7.
2433	0000	-561	37.9796	80.6776	MBP	0.7	1.2 -	5.6	1.58 -	0.21	7.49	1199.	58.	7.
2434	0000	-561	37.9796	80.6770	MH	0.7	1.5	5.5	2.18	0.28	7.75	1208.	60.	7.
2435	0000	-560	37.9796	80.6764	MH	0.7	1.6	5.4	2.28	0.30	7.53	1207.	61.	7.
2436	0000	-559	37.9796	80.6759	MH	0.7	1.8	5.4	2.51	0.34	7.48	1227.	60.	6.
2437	0000	-558	37.9796	80.6753	MH	0.7	1.9	5.1 -	2.56	0.37 +	7.01	1223.	58.	7.
2438	0000	-558	37.9795	80.6747	MH	0.8	1.8	5.3	2.43	0.35 +	6.99	1227.	56.	6.
2439	0000	-558	37.9795	80.6742	MH	0.7	2.1	5.1 -	3.12	0.41 +	7.54	1222.	55.	5.
2440	0000	-558	37.9795	80.6736	MH	0.7	2.1	5.1 -	3.21	0.42 +	7.68	1217.	52.	4.
2441	0000	-557	37.9795	80.6730	MH	0.7	2.1	5.3	3.08	0.40 +	7.68	1230.	51.	4.
2442	0000	-557	37.9795	80.6724	MH	0.7	2.1	5.4	3.13	0.39 +	8.13	1236.	49.	5.
2443	0000	-558	37.9795	80.6719	MH	0.6	2.1	5.9	3.31	0.36 +	9.20	1233.	51.	5.
2444	0000	-558	37.9795	80.6714	MH	0.6	2.0	6.1	3.25	0.32	10.03	1218.	52.	6.
2445	0000	-558	37.9795	80.6709	MH	0.6	1.8	5.9	3.23	0.30	10.68	1178.	55.	7.
2446	0000	-558	37.9795	80.6704	MH	0.6	1.5	6.1	2.52	0.24	10.27	1169.	56.	8.
2447	0000	-559	37.9795	80.6699	MH	0.6	1.4	5.9	2.36	0.23	10.06	1158.	58.	9.
2448	0000	-559	37.9795	80.6694	MH	0.6	1.1 -	6.2	1.78	0.17 -	10.16	1155.	57.	9.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-559	37.9796	80.6689	MH	0.6	1.3	6.0	2.09	0.22	9.52	1159.	56.	9.
2450	0000	-559	37.9796	80.6683	MH	0.6	1.3	5.7	2.12	0.23	9.15	1169.	54.	7.
2451	0000	-560	37.9796	80.6678	MH	0.6	1.6	5.9	2.65	0.27	9.82	1189.	53.	6.
2452	0000	-560	37.9796	80.6673	MH	0.6	1.7	6.1	2.74	0.29	9.59	1243.	52.	5.
2453	0000	-558	37.9796	80.6669	MH	0.6	2.0	6.2	3.30	0.33	10.11	1275.	50.	5.
2454	0000	-559	37.9796	80.6663	MH	0.6	2.3 +	6.3	3.68 +	0.36 +	10.10	1312.	50.	4.
2455	0000	-561	37.9796	80.6659	MH	0.6	2.4 +	6.4	3.95 +	0.37 +	10.69	1347.	51.	4.
2456	0000	-560	37.9796	80.6654	MH	0.6	2.2	7.1	3.45 +	0.31	11.17 +	1392.	50.	5.
2457	0000	-560	37.9796	80.6649	MH	0.7	2.1	7.1	3.04	0.29	10.51	1414.	52.	8.
2458	0000	-562	37.9796	80.6643	MH	0.7	1.9	7.6	2.63	0.25	10.55	1442.	52.	9.
2459	0000	-561	37.9796	80.6638	MH	0.7	1.8	7.8	2.43	0.23	10.41	1440.	53.	11.
2460	0000	-559	37.9796	80.6634	MH	0.8	1.6	7.7	1.98	0.20	9.72	1424.	54.	12.
2461	0000	-560	37.9797	80.6629	MH	0.8	1.2 -	7.9	1.59	0.16 -	10.24	1394.	52.	13.
2462	0000	-561	37.9797	80.6623	MH	0.8	1.4	7.4	1.75	0.18 -	9.55	1361.	54.	12.
2463	0000	-561	37.9797	80.6618	MH	0.7	1.7	6.7	2.31	0.25	9.16	1331.	55.	11.
2464	0000	-562	37.9797	80.6613	MH	0.7	1.8	6.5	2.56	0.28	9.13	1322.	55.	9.
2465	0000	-562	37.9797	80.6608	MH	0.7	1.9	5.9	2.77	0.33	8.45	1303.	56.	8.
2466	0000	-561	37.9797	80.6603	MH	0.6	2.0	6.0	3.06	0.33	9.21	1280.	57.	6.
2467	0000	-562	37.9797	80.6599	MH	0.6	2.0	6.1	3.17	0.33	9.56	1290.	56.	6.
2468	0000	-563	37.9797	80.6594	MH	0.7	2.1	6.1	3.01	0.34	8.81	1300.	60.	5.
2469	0000	-563	37.9797	80.6589	MH	0.7	2.0	6.3	2.80	0.31	9.02	1322.	56.	5.
2470	0000	-563	37.9797	80.6583	MH	0.7	1.7	6.5	2.53	0.26	9.73	1312.	60.	6.
2471	0000	-564	37.9797	80.6578	MH	0.7	1.6	7.1	2.35	0.22	10.69	1324.	60.	6.
2472	0000	-565	37.9797	80.6573	MH	0.7	1.4	7.3	2.17	0.20 -	11.13 +	1345.	60.	7.
2473	0000	-565	37.9798	80.6568	MBP	0.7	1.5	7.3	2.20	0.21	10.63	1370.	58.	7.
2474	0000	-564	37.9798	80.6563	MBP	0.7	1.5	7.4	2.20	0.21	10.60	1365.	59.	7.
2475	0000	-563	37.9798	80.6558	MBP	0.7	1.5	7.2	2.27	0.21	10.87	1371.	59.	8.
2476	0000	-565	37.9798	80.6553	MBP	0.7	1.5	7.1	2.10	0.21	10.20	1370.	62.	9.
2477	0000	-567	37.9798	80.6548	MBP	0.8	1.5	7.4	2.03	0.21	9.73	1393.	60.	8.
2478	0000	-566	37.9798	80.6543	MBP	0.8	1.6	7.0	2.02	0.23	8.73	1392.	61.	9.
2479	0000	-566	37.9798	80.6539	MBP	0.8	1.8	6.8	2.12	0.26	8.21	1393.	62.	8.
2480	0000	-566	37.9798	80.6534	MBP	0.9	1.7	6.8	1.93	0.24	7.94	1402.	63.	7.
2481	0000	-565	37.9798	80.6528	MBP	0.9	1.8	6.9	2.04	0.25	8.04	1413.	65.	6.
2482	0000	-564	37.9798	80.6523	MBP	0.9	1.8	7.1	1.95	0.25	7.72	1425.	63.	5.
2483	0000	-565	37.9798	80.6518	MBP	0.9	1.9	7.1	2.12	0.27	7.91	1432.	61.	4.
2484	0000	-567	37.9798	80.6513	MBP	0.9	1.9	6.8	2.08	0.28	7.48	1432.	61.	4.
2485	0000	-566	37.9799	80.6508	MBP	0.9	1.9	7.1	2.06	0.26	7.78	1432.	62.	3.
2486	0000	-565	37.9799	80.6503	PPP	0.9	1.8	6.9	1.93	0.25	7.63	1413.	63.	3.
2487	0000	-566	37.9799	80.6498	PPP	0.9	1.8	6.7	2.05	0.27	7.59	1385.	67.	3.
2488	0000	-567	37.9799	80.6492	PPP	0.9	1.7	6.4	1.92	0.26	7.31	1356.	62.	4.
2489	0000	-567	37.9799	80.6488	PPP	0.8	1.8	6.0	2.29	0.30	7.72	1302.	64.	4.
2490	0000	-566	37.9799	80.6483	PPP	0.7	1.8	5.9	2.49 +	0.30	8.20 +	1250.	64.	4.
2491	0000	-567	37.9799	80.6478	PPP	0.7 -	1.9	5.9	2.88 +	0.32	8.96 +	1217.	61.	4.
2492	0000	-567	37.9799	80.6473	PPP	0.6 -	1.8	5.8	3.08 +	0.32	9.73 ++	1169.	59.	4.
2493	0000	-567	37.9799	80.6468	PPP	0.6 -	1.7	6.0	3.08 +	0.29	10.80 ++	1171.	57.	5.
2494	0000	-568	37.9799	80.6463	PPP	0.5 -	1.9	6.1	3.52 ++	0.31	11.40 ++	1181.	54.	5.
2495	0000	-567	37.9799	80.6458	MBP	0.6	1.9	5.9	3.42 +	0.32	10.62	1203.	57.	6.
2496	0000	-565	37.9800	80.6453	MBP	0.6	1.5	6.6	2.46	0.22	10.96 +	1225.	58.	7.
2497	0000	-565	37.9800	80.6448	MBP	0.6	1.7	7.0	2.68	0.24	11.07 +	1264.	58.	7.
2498	0000	-566	37.9800	80.6443	MBP	0.6	1.5	6.7	2.40	0.23	10.38	1277.	57.	8.
2499	0000	-566	37.9800	80.6437	MBP	0.7	1.6	6.7	2.32	0.23	9.93	1300.	58.	8.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR C.S
2500	0000	-566	37.9800	80.6432	MBP	0.6	1.8	6.4	2.92	0.29	10.14	1276.	58.	8.
2501	0000	-566	37.9800	80.6427	MBP	0.6	1.6	6.5	2.52	0.25	10.19	1262.	56.	8.
2502	0000	-566	37.9800	80.6423	MBP	0.6	1.4	7.0	2.20	0.20 -	11.12 +	1237.	56.	9.
2503	0000	-566	37.9800	80.6418	MH	0.6	1.8	6.4	2.88	0.28	10.31	1228.	55.	7.
2504	0000	-566	37.9800	80.6413	MH	0.7	1.7	6.3	2.56	0.27	9.54	1220.	53.	7.
2505	0000	-568	37.9800	80.6408	MH	0.7	1.7	6.4	2.56	0.26	9.74	1211.	54.	7.
2506	0000	-567	37.9800	80.6403	MH	0.6	1.5	6.2	2.42	0.25	9.79	1187.	54.	8.
2507	0000	-566	37.9800	80.6397	MH	0.7	1.3	6.4	1.90	0.21	9.09	1183.	56.	8.
2508	0000	-566	37.9801	80.6393	MH	0.7	1.4	6.1	2.03	0.23	8.83	1171.	55.	8.
2509	0000	-566	37.9800	80.6388	MH	0.7	1.5	5.7	2.17	0.26	8.41	1164.	55.	9.
2510	0000	-566	37.9800	80.6382	MH	0.7	1.4	5.9	2.02	0.23	8.84	1157.	54.	10.
2511	0000	-568	37.9800	80.6377	MH	0.6	1.1 -	5.9	1.87	0.19 -	9.85	1139.	55.	10.
2512	0000	-567	37.9800	80.6372	MH	0.6	1.1 -	6.0	1.79	0.18 -	10.08	1143.	55.	10.
2513	0000	-566	37.9800	80.6367	MH	0.6	1.3	6.1	2.19	0.22	9.90	1166.	56.	9.
2514	0000	-568	37.9801	80.6362	MH	0.6	1.3	6.4	2.30	0.21	11.16 +	1166.	56.	8.
2515	0000	-568	37.9801	80.6358	MH	0.6	1.4	[illegible]	2.29	0.21	10.80	1177.	57.	7.
2516	0000	-568	37.9801	80.6353	MH	0.6	1.7	6.3	2.97	0.27	11.19 +	1182.	56.	5.
2517	0000	-569	37.9801	80.6348	MH	0.6	1.7	6.1	2.96	0.28	10.66	1181.	55.	4.
2518	0000	-570	37.9801	80.6342	MH	0.6	2.0	6.1	3.24	0.32	10.04	1187.	58.	2.
2519	0000	-570	37.9801	80.6337	MH	0.6	2.1	6.1	3.32	0.34	9.72	1177.	58.	1.
2520	0000	-570	37.9801	80.6332	MH	0.6	2.0	6.2	3.25	0.32	10.16	1171.	59.	1.
2521	0000	-570	37.9801	80.6327	MH	0.6	2.0	5.7	3.11	0.35 +	8.77	1187.	57.	0.
2522	0000	-571	37.9801	80.6322	MH	0.7	2.0	5.8	2.97	0.34 +	8.64	1191.	59.	0.
2523	0000	-570	37.9801	80.6317	MH	0.7	1.9	6.1	2.70	0.32	8.55	1211.	60.	0.
2524	0000	-571	37.9801	80.6312	MH	0.7	2.2	6.0	3.08	0.36 +	8.55	1235.	59.	0.
2525	0000	-574	37.9801	80.6307	MH	0.7	1.9	6.1	2.63	0.32	8.27	1241.	60.	0.
2526	0000	-574	37.9802	80.6302	MH	0.7	2.1	5.9	2.85	0.35 +	8.08	1252.	61.	0.
2527	0000	-574	37.9802	80.6297	MBP	0.7	2.4 +	5.8	3.30	0.41 +	8.00	1272.	58.	0.
2528	0000	-576	37.9802	80.6292	MBP	0.7	2.4 +	6.0	3.36 +	0.40 +	8.34	1275.	61.	0.
2529	0000	-576	37.9802	80.6287	MBP	0.7	2.5 +	5.9	3.50 +	0.43 +	8.20	1287.	59.	0.
2530	0000	-577	37.9802	80.6282	MBP	0.7	2.4 +	5.9	3.30	0.41 +	8.04	1294.	60.	1.
2531	0000	-579	37.9802	80.6277	MBP	0.7	2.4 +	6.1	3.28	0.39 +	8.48	1297.	62.	1.
2532	0000	-579	37.9802	80.6272	MBP	0.7	2.4 +	5.9	3.32	0.41 +	8.08	1303.	61.	2.
2533	0000	-578	37.9802	80.6267	MBP	0.8	2.1	5.9	2.82	0.36 +	7.82	1296.	61.	3.
2534	0000	-581	37.9802	80.6262	MBP	0.8	1.8	6.1	2.30	0.29	7.94	1285.	62.	4.
2535	0000	-581	37.9802	80.6257	MBP	0.8	1.8	6.0	2.31	0.29	7.84	1279.	61.	4.
2536	0000	-580	37.9802	80.6252	MBP	0.7	1.6	6.0	2.16	0.27	8.14	1259.	62.	5.
2537	0000	-581	37.9802	80.6247	MBP	0.7	1.6	5.7	2.11	0.28	7.66	1240.	60.	6.
2538	0000	-580	37.9803	80.6242	MBP	0.7	1.5	5.5	2.03	0.27	7.52	1215.	61.	6.
2539	0000	-581	37.9803	80.6237	MBP	0.7	1.5	5.6	2.13	0.26	8.06	1209.	58.	6.
2540	0000	-584	37.9803	80.6232	MBP	0.7	1.5	5.9	2.27	0.25	8.96	1201.	57.	5.
2541	0000	-585	37.9803	80.6227	MBP	0.7	1.5	5.5	2.34	0.28	8.34	1174.	59.	4.
2542	0000	-586	37.9803	80.6222	MBP	0.7	1.5	5.3	2.05	0.29	7.15	1170.	59.	3.
2543	0000	-587	37.9803	80.6217	MBP	0.8	1.6	5.2	2.08	0.31	6.68 -	1176.	59.	3.
2544	0000	-586	37.9803	80.6212	MBP	0.8	1.7	5.3	2.28	0.33	7.01	1175.	60.	2.
2545	0000	-587	37.9803	80.6207	MBP	0.8	1.7	5.2	2.13	0.32	6.59 -	1176.	60.	2.
2546	0000	-589	37.9803	80.6202	MBP	0.8	1.6	5.2	1.99	0.31	6.44 -	1174.	64.	2.
2547	0000	-588	37.9803	80.6196	MBP	0.8	1.7	5.0	2.09	0.34	6.10 -	1187.	64.	2.
2548	0000	-589	37.9803	80.6192	MBP	0.8	1.8	5.2	2.17	0.35 +	6.17 -	1230.	63.	3.
2549	0000	-590	37.9804	80.6187	MBP	0.8	1.9	5.4	2.36	0.35	6.79 -	1250.	61.	4.
2550	0000	-590	37.9804	80.6182	MBP	0.8	1.8	5.3	2.30	0.34	6.85 -	1287.	62.	6.

CP 9 LP 12

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-591	37.9804	80.6177		MBP	0.8	1.6	5.9	1.88	0.27	6.95	1352.	63.	8.
2552	0000	-593	37.9804	80.6172		MBP	0.9	1.9	6.3	2.19	0.30	7.26	1459.	61.	9.
2553	0000	-591	37.9804	80.6167		MBP	1.0	1.9	6.4	2.00	0.30	6.74 -	1546.	60.	12.
2554	0000	-591	37.9804	80.6162		MBP	1.0 +	1.9	7.0	1.80	0.27	6.77 -	1629.	60.	13.
2555	0000	-594	37.9804	80.6157		PPP	1.1	2.1	7.1	1.92	0.30	6.42	1696.	58.	13.
2556	0000	-594	37.9804	80.6152		PPP	1.1	2.0	7.7	1.75	0.26	6.80	1746.	60.	14.
2557	0000	-593	37.9804	80.6147		PPP	1.2	2.1	7.9	1.76	0.26	6.70	1766.	58.	14.
2558	0000	-596	37.9804	80.6141		PPP	1.2	2.2	7.9	1.83	0.27	6.65	1761.	57.	14.
2559	0000	-597	37.9804	80.6136		PPP	1.2	1.5	8.2 +	1.22 -	0.18 -	6.73	1715.	60.	14.
2560	0000	-596	37.9804	80.6131		PPP	1.2	1.5	8.5 +	1.26 -	0.18 -	6.96	1696.	59.	13.
2561	0000	-597	37.9805	80.6127		PPP	1.2	1.6	8.0 +	1.32	0.19 -	6.77	1673.	62.	13.
2562	0000	-597	37.9805	80.6122		PPP	1.1	1.1 -	8.2 +	0.93 --	0.13 ---	7.24	1653.	64.	14.
2563	0000	-597	37.9805	80.6117		PPP	1.2	1.3 -	7.7	1.08 -	0.16 --	6.65	1652.	65.	13.
2564	0000	-597	37.9805	80.6112		PPP	1.2	1.4	7.8	1.18 -	0.18 -	6.55	1681.	65.	13.
2565	0000	-599	37.9805	80.6107		PPP	1.2	1.4	7.8	1.15 -	0.18 -	6.31	1698.	65.	13.
2566	0000	-601	37.9805	80.6101		PPNR	1.3 +	1.7	7.5 +	1.37	0.23	5.92	1716.	65.	12.
2567	0000	-601	37.9805	80.6096		PPNR	1.3 +	1.7	7.3	1.32 -	0.23	5.74	1725.	66.	12.
2568	0000	-600	37.9805	80.6092		PPNR	1.3 +	1.6	7.5 +	1.23 -	0.22	5.68	1721.	66.	11.
2569	0000	-600	37.9805	80.6086		PPNR	1.4 +	1.9	7.1	1.40	0.27	5.15 -	1718.	67.	9.
2570	0000	-602	37.9805	80.6081		PPNR	1.4 +	2.2	7.0	1.58	0.32	4.98 -	1740.	66.	8.
2571	0000	-604	37.9805	80.6076		PPNR	1.4 + •	2.2	6.7	1.55	0.33	4.69 -	1706.	70.	8.
2572	0000	-605	37.9805	80.6071		PPNR	1.3 +	2.2	6.5	1.66	0.34	4.90 -	1653.	70.	7.
2573	0000	-608	37.9806	80.6067		PPNR	1.2	2.2	6.5	1.85	0.34	5.39 -	1592.	70.	6.
2574	0000	-610	37.9806	80.6062		PPNR	1.2	2.3 +	6.3	2.01	0.37	5.45	1538.	70.	5.
2575	0000	-610	37.9806	80.6057		PPNR	1.1	2.2	6.2	2.00	0.36	5.58	1479.	68.	4.
2576	0000	-609	37.9806	80.6052		PPNR	1.1	1.9	6.3	1.77	0.30	5.98	1392.	67.	4.
2577	0000	-609	37.9806	80.6046		PPNR	1.0	1.5	6.2	1.51	0.23	6.43	1273.	70.	4.
2578	0000	-610	37.9806	80.6041		PPNR	0.9	1.3	6.1	1.45	0.21 -	7.04	1193.	70.	3.
2579	0000	-610	37.9806	80.6036		PPNR	0.9	1.2	5.8	1.38	0.21 -	6.72	1149.	70.	3.
2580	0000	-612	37.9806	80.6031		PPNR	0.8	1.1 -	5.0	1.27 -	0.21	5.95	1104.	70.	4.
2581	0000	-614	37.9806	80.6026		PPNR	0.8	1.0 -	4.6	1.31 -	0.23	5.74	1063.	73.	4.
2582	0000	-614	37.9806	80.6021		PPNR	0.7	1.2	4.5 -	1.66	0.27	6.08	1059.	74.	4.
2583	0000	-615	37.9806	80.6016		PPNR	0.7	1.5	4.1 -	2.21	0.37	5.95	1058.	76.	4.
2584	0000	-616	37.9806	80.6012		PPNR	0.7	1.4	4.4 -	2.08	0.33	6.33	1079.	75.	4.
2585	0000	-616	37.9807	80.6006		PPNR	0.7	1.4	4.8	2.09	0.29	7.14	1110.	73.	4.
2586	0000	-617	37.9807	80.6001		PPNR	0.7	1.3	5.2	1.82	0.26	7.07	1156.	72.	4.
2587	0000	-617	37.9807	80.5996		PPNR	0.8	1.4	5.4	1.91	0.27	7.17	1202.	71.	4.
2588	0000	-617	37.9807	80.5992		PPNR	0.7	1.5	6.0	2.06	0.25	8.18 +	1221.	71.	4.
2589	0000	-619	37.9807	80.5986		PPNR	0.8	1.4	5.8	1.80	0.24	7.42	1230.	72.	6.
2590	0000	-621	37.9807	80.5981		PPNR	0.8	1.1 -	5.7	1.44	0.20 -	7.36	1230.	72.	9.
2591	0000	-622	37.9807	80.5976		PPNR	0.8	1.0 -	5.4	1.30 -	0.18 -	7.25	1206.	71.	10.
2592	0000	-622	37.9807	80.5971		PPNR	0.7	0.7 -	4.9	0.95 --	0.14 --	6.57	1171.	73.	12.
2593	0000	-624	37.9807	80.5966		PPNR	0.7	0.8 -	4.7	1.11 -	0.17 -	6.72	1125.	73.	13.
2594	0000	-624	37.9807	80.5961		PPNR	0.7	0.7 -	4.3 -	0.99 -	0.16 --	6.20	1093.	73.	13.
2595	0000	-624	37.9807	80.5956		PPNR	0.7	0.4 --	3.9 -	0.55 ---	0.10 ---	5.60	1065.	73.	14.
2596	0000	-626	37.9808	80.5951		PPNR	0.7	0.6 --	3.9 -	0.86 --	0.15 --	5.71	1047.	73.	13.
2597	0000	-626	37.9808	80.5946		PPNR	0.7	0.7 -	3.9 -	0.99 -	0.18 -	5.49	1056.	72.	12.
2598	0000	-627	37.9808	80.5941		PPNR	0.7	1.0 -	4.1 -	1.36	0.25	5.52	1094.	70.	10.
2599	0000	-627	37.9808	80.5936		PPNR	0.8	1.3	4.8	1.60	0.26	6.08	1151.	68.	8.
2600	0000	-627	37.9808	80.5931		PPNR	0.8	1.3	5.1	1.57	0.26	6.13	1188.	69.	6.
2601	0000	-630	37.9808	80.5926		PPNR	0.9	1.5	5.5	1.72	0.28	6.19	1223.	70.	5.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-631	37.9808	80.5921	PPNR	1.0	1.6	5.8	1.64	0.27	6.11	1260.	67.	3.
2603	0000	-630	37.9808	80.5916	PPNR	1.0	1.4	5.8	1.39	0.24	5.78	1267.	66.	3.
2604	0000	-631	37.9808	80.5910	PPNR	1.0	1.5	6.0	1.46	0.24	5.97	1266.	67.	3.
2605	0000	-632	37.9808	80.5906	PPP	1.0	1.4	5.9	1.41	0.24	5.87	1237.	67.	2.
2606	0000	-632	37.9808	80.5901	PPP	1.0	1.4	5.4	1.45	0.26	5.53	1182.	66.	2.
2607	0000	-633	37.9808	80.5895	PPP	0.9	1.5	5.2	1.64	0.29	5.62	1129.	68.	2.
2608	0000	-634	37.9809	80.5891	PPP	0.9	1.3	5.0	1.52	0.26	5.84	1085.	69.	3.
2609	0000	-634	37.9809	80.5886	PPP	0.8	1.3	4.8	1.61	0.27	5.91	1063.	72.	4.
2610	0000	-634	37.9809	80.5881	PPP	0.8	1.2 -	5.2	1.41	0.23	6.17	1074.	73.	4.
2611	0000	-635	37.9809	80.5876	PPP	0.8	1.2 -	5.3	1.42	0.22	6.42	1098.	71.	4.
2612	0000	-637	37.9809	80.5871	PPP	0.8	1.3 -	5.6	1.54	0.23	6.72	1128.	71.	4.
2613	0000	-637	37.9809	80.5866	PPP	0.8	1.4	5.9	1.68	0.24	7.11	1156.	73.	4.
2614	0000	-638	37.9809	80.5860	PPP	0.8	1.4	5.8	1.63	0.24	6.80	1180.	72.	4.
2615	0000	-638	37.9809	80.5855	PPP	0.9	1.3	5.9	1.52	0.22	6.81	1183.	70.	4.
2616	0000	-638	37.9809	80.5851	PPP	0.8	1.4	5.7	1.64	0.24	6.75	1178.	67.	4.
2617	0000	-639	37.9809	80.5845	PPP	0.8	1.4	5.5	1.75	0.25	7.04	1145.	65.	5.
2618	0000	-638	37.9809	80.5840	PPP	0.8	1.2 -	5.7	1.56	0.22	7.11	1121.	67.	5.
2619	0000	-638	37.9809	80.5835	PPP	0.8	1.2 -	5.7	1.56	0.22	7.13	1118.	68.	5.
2620	0000	-638	37.9810	80.5831	MBP	0.8	1.2	5.5	1.50	0.22	7.05	1127.	68.	5.
2621	0000	-638	37.9810	80.5826	MBP	0.8	1.4	5.7	1.68	0.24	7.01	1152.	69.	5.
2622	0000	-639	37.9810	80.5820	MBP	0.8	1.5	5.8	1.80	0.26	6.91	1200.	68.	6.
2623	0000	-641	37.9810	80.5815	MBP	0.9	1.6	5.8	1.72	0.27	6.39 -	1235.	69.	6.
2624	0000	-641	37.9810	80.5811	MBP	0.9	1.9	5.8	2.22	0.32	6.87 -	1277.	67.	6.
2625	0000	-642	37.9810	80.5806	MBP	0.8	1.9	6.0	2.36	0.32	7.34	1305.	65.	7.
2626	1000	-643	37.9810	80.5800	MBP	0.8	1.7	5.6	2.11	0.30	6.92	1310.	64.	9.
2627	1000	-643	37.9810	80.5795	MBP	0.9	1.6	5.7	1.85	0.28	6.60 -	1319.	62.	10.
2628	1000	-644	37.9810	80.5790	MBP	0.8	1.5	5.5	1.83	0.27	6.90	1314.	59.	11.
2629	1000	-645	37.9810	80.5785	MBP	0.7	1.5	5.4	2.12	0.28	7.60	1301.	59.	10.
2630	1000	-645	37.9810	80.5780	MBP	0.7	1.3	6.1	1.80	0.21	8.36	1274.	58.	10.
2631	0000	-645	37.9810	80.5776	MBP	0.7	1.0 -	6.3	1.40 -	0.17 -	8.46	1253.	59.	9.
2632	0000	-647	37.9810	80.5769	MH	0.7	1.1 -	6.2	1.54	0.18 -	8.48	1231.	56.	9.
2633	0000	-649	37.9810	80.5763	MH	0.7	1.2 -	6.5	1.78	0.19 -	9.49	1207.	58.	7.
2634	0000	-648	37.9810	80.5757	MH	0.7	1.3	6.4	2.04	0.21	9.69	1199.	57.	6.
2635	0000	-647	37.9810	80.5750	MH	0.7	1.3	6.6	1.92	0.20	9.38	1194.	58.	5.
2636	0000	-649	37.9810	80.5744	MBP	0.7	1.3	6.7	1.78	0.19 -	9.34	1184.	59.	4.
2637	0000	-651	37.9810	80.5738	MBP	0.7	1.6	6.3	2.38	0.25	9.61	1206.	59.	3.
2638	0000	-653	37.9810	80.5731	MBP	0.7	1.7	5.9	2.48	0.28	8.80	1208.	61.	2.
2639	0000	-654	37.9810	80.5725	MBP	0.7	1.7	5.8	2.34	0.29	8.15	1219.	63.	2.
2640	0000	-655	37.9810	80.5719	MBP	0.8	1.6	5.8	2.18	0.29	7.66	1230.	60.	1.
2641	0000	-654	37.9810	80.5713	MBP	0.7	1.6	5.5	2.19	0.30	7.43	1217.	62.	1.
2642	0000	-655	37.9810	80.5706	MBP	0.8	1.6	5.5	2.08	0.28	7.31	1203.	64.	0.
2643	0000	-657	37.9809	80.5700	MBP	0.8	1.5	5.3	2.03	0.29	6.99	1188.	64.	0.
2644	0000	-659	37.9809	80.5694	MBP	0.8	1.6	5.0	2.06	0.31	6.61 -	1157.	66.	0.
2645	0000	-661	37.9809	80.5687	MBP	0.7	1.6	5.1	2.18	0.31	7.10	1152.	65.	0.
2646	0000	-662	37.9809	80.5681	PPP	0.7	1.5	5.0	2.15	0.31	6.94	1139	66.	1.
2647	0000	-661	37.9809	80.5675	PPP	0.7	1.5	4.8 -	2.10	0.31	6.79	110.	69.	2.
2648	0000	-663	37.9809	80.5668	PPP	0.7	1.5	4.9 -	2.19	0.31	6.99	1109.	68.	3.
2649	0000	-666	37.9809	80.5663	PPP	0.7	1.5	5.0	2.26	0.30	7.40	1104.	68.	4.
2650	0000	-665	37.9809	80.5656	PPP	0.7	1.3	5.2	1.91	0.26	7.49	1098.	71.	5.
2651	0000	-666	37.9809	80.5650	PPP	0.7	1.3	5.3	1.86	0.24	7.58	1102.	70.	6.
2652	0000	-668	37.9809	80.5643	PPP	0.7	1.3 -	5.3	1.72	0.24	7.17	1099.	73.	7.

CP 9 1P 12

FLIGHT LINE 20, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-669	37.9809	80.5637	PPNR	0.7	1.2	4.9	1.70	0.25	6.88	1086.	73.	7.
2654	0000	-668	37.9809	80.5631	PPNR	0.7	1.4	4.9	2.09	0.28	7.12	1098.	70.	7.
2655	0000	-669	37.9808	80.5625	PPNR	0.7	1.2	4.9	1.76	0.24	7.25	1073.	71.	7.
2656	0000	-671	37.9808	80.5618	PPNR	0.7	1.2 -	4.9	1.68	0.24	7.11	1067.	68.	6.
2657	0000	-673	37.9808	80.5612	PPNR	0.7	1.3	4.7	1.87	0.28	6.80	1063.	65.	5.
2658	0000	-673	37.9808	80.5606	PPNR	0.7	1.2	4.5 -	1.85	0.28	6.66	1033.	66.	4.
2659	0000	-674	37.9808	80.5599	PPNR	0.6 -	1.1 -	4.3 -	1.88	0.26	7.09	998.	66.	3.
2660	0000	-677	37.9808	80.5594	PPNR	0.6 -	1.2	4.8	2.01	0.25	8.08 +	986.	65.	2.
2661	0000	-679	37.9808	80.5587	PPNR	0.6 -	1.1 -	5.1	1.73	0.21 -	8.29 +	973.	66.	1.
2662	0000	-679	37.9808	80.5580	PPNR	0.6	1.2	5.0	1.94	0.24	7.92	972.	68.	1.
2663	0000	-680	37.9808	80.5575	PPNR	0.6 -	1.4	4.7	2.25	0.30	7.61	983.	70.	1.
2664	0000	-682	37.9808	80.5568	PPNR	0.6 -	1.4	5.0	2.41	0.29	8.45 +	1028.	68.	1.
2665	0000	-682	37.9808	80.5562	PPNR	0.6	1.5	5.6	2.33	0.27	8.71 +	1099.	68.	2.
2666	0000	-682	37.9808	80.5556	PPNR	0.8	1.6	6.0	2.06	0.27	7.69	1190.	65.	3.
2667	0000	-683	37.9807	80.5549	PPNR	0.9	1.7	6.6	1.91	0.25	7.62	1279.	67.	3.
2668	0000	-685	37.9807	80.5544	PPNR	0.9	1.9	6.7	2.01	0.28	7.11	1389.	70.	4.
2669	0000	-685	37.9807	80.5537	PPNR	1.1	2.0	7.2	1.92	0.28	6.85	1513.	68.	5.
2670	0000	-686	37.9807	80.5530	PPNR	1.2	2.1	8.1 +	1.77	0.27	6.66	1655.	69.	5.
2671	0000	-686	37.9807	80.5525	PPNR	1.4 +	2.3 +	8.6 +	1.68	0.26	6.36	1763.	70.	5.
2672	0000	-687	37.9807	80.5518	PPNR	1.4 +	2.5 +	8.9 ++	1.73	0.28	6.21	1850.	69.	4.
2673	0000	-689	37.9807	80.5512	PPNR	1.5 +	2.5 +	9.4 ++	1.69	0.27	5.31	1908.	72.	4.
2674	0000	-689	37.9807	80.5506	PPNR	1.5 +	2.6 +	9.0 ++	1.73	0.29	5.87	1933.	70.	4.
2675	0000	-690	37.9807	80.5499	PPNR	1.5 +	2.3 +	9.0 ++	1.54	0.26	5.96	1887.	68.	4.
2676	0000	-691	37.9807	80.5493	PPNR	1.4 +	2.3 +	8.7 +	1.61	0.26	6.18	1803.	70.	4.
2677	0000	-693	37.9807	80.5487	PPP	1.2	2.1	8.1 +	1.76	0.26	6.65	1668.	68.	4.
2678	0000	-695	37.9807	80.5480	PPP	1.1	1.9	7.1	1.72	0.27	6.41	1525.	68.	6.
2679	0000	-696	37.9807	80.5474	PPP	0.9	1.8	6.3	1.85	0.28	6.51	1385.	68.	7.
2680	0000	-697	37.9807	80.5468	PPP	0.8	1.6	5.3	2.09	0.31	6.76	1263.	66.	8.
2681	0000	-697	37.9806	80.5462	PPP	0.7	1.3	5.0	1.91	0.27	7.07	1170.	68.	9.
2682	0000	-697	37.9806	80.5455	MBP	0.6	1.3	4.7 -	2.03	0.28	7.35	1108.	68.	9.
2683	0000	-698	37.9806	80.5449	MBP	0.6	1.2	4.5 -	1.97	0.27	7.34	1078.	66.	9.
2684	0000	-700	37.9806	80.5443	MBP	0.6	1.1 -	4.4 -	1.78	0.25	7.15	1071.	67.	10.
2685	0000	-702	37.9806	80.5437	MBP	0.6	1.2 -	4.9 -	1.99	0.24	8.16	1089.	68.	9.
2686	0000	-702	37.9806	80.5430	MBP	0.6	1.1 -	5.0	1.75	0.21	8.30	1092.	71.	9.
2687	0000	-702	37.9806	80.5424	MBP	0.5	1.2 -	5.0	2.27	0.24	9.61	1098.	69.	8.
2688	0000	-702	37.9806	80.5418	MBP	0.5 -	1.3	4.9	2.55	0.25	10.05	1089.	66.	7.
2689	0000	-703	37.9806	80.5411	MH	0.5 -	1.4	4.9 -	2.58	0.28	9.37	1109.	65.	6.
2690	0000	-705	37.9806	80.5405	MH	0.5	1.3	5.4	2.42	0.25	9.84	1112.	65.	6.
2691	0000	-706	37.9805	80.5399	MH	0.5	1.2 -	5.2 -	2.26	0.24	9.49	1112.	63.	5.
2692	0000	-706	37.9805	80.5392	MH	0.5 -	1.3	4.7 -	2.41	0.27	8.88	1077.	63.	5.
2693	0000	-707	37.9805	80.5386	MH	0.5 -	1.4	4.8 -	2.75	0.29	9.59	1047.	60.	5.
2694	0000	-708	37.9805	80.5380	MH	0.5	1.3 -	4.6 -	2.35	0.28	8.42	1016.	60.	5.
2695	0000	-710	37.9805	80.5374	MH	0.5 -	1.4	4.7 -	2.89	0.31	9.45	994.	60.	4.
2696	0000	-711	37.9805	80.5367	MH	0.4 -	1.4	4.5 -	3.43 +	0.31	11.16 +	948.	57.	5.
2697	0000	-711	37.9805	80.5361	MH	0.3 -	1.6	4.2 -	4.58 +	0.37 +	12.40 +	917.	56.	4.
2698	0000	-712	37.9805	80.5355	MH	0.3 -	1.7	4.3 -	5.56 ++	0.39 +	14.36 ++	885.	58.	3.
2699	0000	-713	37.9805	80.5348	MH	0.3 -	1.6	4.5 -	5.29 ++	0.35 +	15.23 ++	880.	58.	2.
2700	0000	-715	37.9805	80.5342	MH	0.3 -	1.4	4.7 -	4.28 +	0.30	14.24 ++	894.	55.	2.
2701	0000	-716	37.9805	80.5336	MBP	0.3 -	1.4	4.9	4.33 +	0.28	15.16 ++	899.	56.	1.
2702	0000	-716	37.9805	80.5330	MBP	0.3 -	1.3	4.8 -	4.33 +	0.28	15.41 ++	885.	59.	1.
2703	0000	-717	37.9805	80.5324	MBP	0.3 -	1.4	4.6 -	4.13 +	0.30	13.78 ++	897.	60.	2.

CP9 1P12

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-719	37.9805	80.5317	MBP	0.3 -	1.4	4.6 -	4.05 +	0.31	13.32 +	903.	61.	2.
2705	0000	-721	37.9805	80.5311	MBP	0.4 -	1.3	4.3 -	3.57 +	0.31	11.35 +	897.	60.	3.
2706	0000	-722	37.9805	80.5305	MBP	0.4 -	1.4	4.2 -	3.82 +	0.35	11.05 +	892.	59.	4.
2707	0000	-722	37.9804	80.5298	MBP	0.4 -	1.6	4.0 -	4.52 +	0.40 +	11.40 +	887.	64.	4.
2708	0000	-723	37.9804	80.5293	MBP	0.3 -	1.6	3.8 -	4.96 ++	0.41 +	12.01 +	874.	66.	6.
2709	0000	-725	37.9804	80.5286	MBP	0.4 -	1.4	3.8 -	3.81 +	0.36 +	10.67	891.	65.	7.
2710	0000	-726	37.9804	80.5279	MBP	0.3 -	1.3	4.1 -	4.18 +	0.33	12.67 +	890.	66.	7.
2711	0000	-728	37.9804	80.5274	MBP	0.4 -	1.1 -	4.4 -	2.93	0.24	12.15 +	907.	63.	8.
2712	0000	-728	37.9804	80.5267	MBP	0.3 -	1.1 -	4.7 -	3.29	0.24	13.53 +	919.	65.	7.
2713	0000	-729	37.9804	80.5260	MBP	0.4 -	1.1 -	4.8 -	2.86	0.23	12.69 +	916.	67.	7.
2714	0000	-731	37.9804	80.5255	MBP	0.4 -	1.1 -	4.9	2.77	0.22	12.70 +	926.	66.	7.
2715	0000	-733	37.9804	80.5248	MBP	0.4 -	1.1 -	5.2	2.45	0.21	11.75 +	946.	64.	6.
2716	0000	-732	37.9804	80.5242	MBP	0.4 -	1.2	5.6	2.78	0.22	12.90 +	967.	62.	5.
2717	0000	-734	37.9804	80.5236	MBP	0.5	1.1 -	5.8	2.02	0.19 -	10.70	1005.	62.	4.
2718	0000	-736	37.9804	80.5229	MBP	0.6	1.1 -	5.5	1.93	0.20	9.44	1042.	63.	4.
2719	0000	-735	37.9803	80.5223	MH	0.7	1.0 -	6.1	1.42 -	0.16 -	8.81	1100.	60.	4.
2720	0000	-736	37.9803	80.5217	MH	0.7	1.2 -	6.3	1.71	0.19 -	8.82	1189.	58.	5.
2721	0000	-738	37.9803	80.5211	MH	0.8	1.2 -	6.7	1.58	0.19 -	8.53	1278.	58.	5.
2722	0000	-740	37.9803	80.5205	MH	0.9	1.3 -	7.2	1.43 -	0.17 -	8.20	1365.	58.	6.
2723	0000	-741	37.9803	80.5198	MH	1.0	1.3	7.1	1.34 -	0.18 -	7.32	1404.	57.	7.
2724	0000	-741	37.9803	80.5192	MH	0.9	1.5	6.9	1.57	0.21	7.39	1407.	57.	7.
2725	0000	-742	37.9803	80.5186	MH	0.9	1.9	7.2	2.14	0.26	8.10	1397.	59.	7.
2726	0000	-743	37.9803	80.5180	MH	0.8	2.1	6.6	2.56	0.32	8.07	1381.	61.	6.
2727	0000	-744	37.9803	80.5173	MBF-2	0.8 -	2.0	7.0	2.46 +	0.28	8.50 +	1360.	62.	6.
2728	0000	-745	37.9803	80.5167	MBF-2	0.9	1.9	6.8	2.19	0.28	7.75	1347.	61.	5.
2729	0000	-746	37.9803	80.5161	MBF-2	0.9	2.1	6.4	2.47 +	0.33	7.51	1338.	62.	5.
2730	0000	-747	37.9803	80.5154	MBF-2	0.9	2.3	6.7	2.51 +	0.34 +	7.34	1399.	64.	4.
2731	0000	-749	37.9803	80.5148	MBF-2	1.1	2.2	7.6	2.13	0.30	7.19	1509.	65.	5.
2732	0000	-752	37.9803	80.5142	MBF-2	1.2	2.1	7.8	1.77	0.27	6.65	1623.	63.	5.
2733	0000	-752	37.9803	80.5135	MBF-2	1.2	1.9	8.6	1.54	0.22	6.88	1719.	60.	6.
2734	0000	-751	37.9803	80.5129	MBF-2	1.4 +	1.8	8.3	1.33	0.22	5.96	1789.	59.	7.
2735	0000	-754	37.9803	80.5123	MBF-2	1.5 +	1.6	9.2 +	1.07 -	0.17 -	6.17	1853.	57.	7.
2736	0000	-756	37.9803	80.5116	MBF-2	1.5 +	1.8	9.6 +	1.24 -	0.19 -	6.43	1903.	56.	7.
2737	0000	-755	37.9803	80.5110	MBF-2	1.4 +	1.8	9.6 +	1.27 -	0.19 -	6.63	1913.	55.	7.
2738	0000	-757	37.9802	80.5104	MBF-2	1.4 +	1.9	9.4 +	1.44	0.21	6.98	1886.	53.	6.
2739	0000	-758	37.9802	80.5098	MBF-2	1.4 +	1.9	9.6 +	1.38	0.20	7.00	1855.	54.	6.
2740	0000	-759	37.9802	80.5092	MBF-2	1.4 +	2.1	9.1 +	1.53	0.23	6.68	1842.	53.	6.
2741	0000	-761	37.9802	80.5085	MBF-2	1.3	2.5 +	9.6 +	1.93	0.26	7.49	1838.	53.	5.
2742	0000	-762	37.9802	80.5079	MBF-2	1.2	2.6 +	9.1 +	2.21	0.28	7.76	1800.	56.	5.
2743	0000	-763	37.9802	80.5072	MBF-2	1.2	2.3	8.9 +	1.91	0.26	7.39	1802.	55.	4.
2744	0000	-765	37.9802	80.5066	MBF-2	1.2	2.2	9.2 +	1.87	0.24	7.67	1788.	54.	4.
2745	0000	-768	37.9802	80.5060	MBF-2	1.2	2.6 +	9.1 +	2.12	0.28	7.50	1807.	54.	3.
2746	0000	-768	37.9802	80.5054	MBF-2	1.2	2.6 +	9.2 +	2.23	0.29	7.77	1801.	53.	2.
2747	0000	-769	37.9802	80.5047	MBF-2	1.2	2.4 +	9.5 +	2.03	0.26	7.90	1783.	54.	2.
2748	0000	-771	37.9802	80.5041	MBF-2	1.2	2.2	9.4 +	1.81	0.24	7.63	1775.	53.	1.
2749	0000	-772	37.9802	80.5035	MBF-2	1.2	2.5 +	9.5 +	2.00	0.26	7.65	1798.	51.	1.
2750	0000	-774	37.9801	80.5028	MBF-2	1.2	2.4 +	9.8 +	1.95	0.25	7.88	1777.	51.	1.
2751	0000	-776	37.9801	80.5023	MBF-2	1.2	2.5 +	9.1 +	2.06	0.28	7.43	1752.	53.	2.
2752	0000	-778	37.9801	80.5016	MBF-2	1.2	2.1	8.7 +	1.78	0.25	7.25	1704.	54.	3.
2753	0000	-777	37.9801	80.5010	MBF-2	1.1	2.0	8.3	1.76	0.24	7.26	1634.	54.	3.
2754	0000	-779	37.9801	80.5004	MBF-2	1.0	2.1	7.7	2.11	0.28	7.59	1546.	52.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-780	37.9801	80.4997	MBF-2	0.9	2.0	6.9	2.22	0.29	7.64	1439.	51.	3.
2756	0000	-780	37.9801	80.4992	MBF-2	0.8 -	1.8	5.9 -	2.39	0.31	7.69	1306.	52.	3.
2757	0000	-782	37.9801	80.4985	MBF-2	0.7 -	1.9	5.5 -	2.91 +	0.35 +	8.35 +	1198.	54.	3.
2758	0000	-786	37.9801	80.4978	MBF-1	0.6 +	1.9	5.8 +	3.42	0.34	10.31	1133.	53.	2.
2759	0000	-787	37.9801	80.4972	MBF-1	0.5	2.2 +	5.5 +	4.25	0.39	10.34	1080.	54.	2.
2760	0000	-787	37.9801	80.4966	MBF-1	0.5	2.2 +	5.3	4.37	0.42	10.29	1099.	55.	3.
2761	0000	-788	37.9801	80.4959	MG	0.5 -	2.2	5.5 -	4.14 +	0.40	10.42 +	1142.	56.	3.
2762	0000	-789	37.9800	80.4954	MG	0.6 -	2.3	5.7 -	4.11 +	0.41	10.04	1205.	56.	3.
2763	0000	-792	37.9800	80.4947	MG	0.6 -	2.5	6.1	4.30 +	0.41	10.58 +	1283.	58.	4.
2764	0000	-794	37.9800	80.4941	MG	0.6 -	2.5	6.3	4.41 +	0.40	11.07 +	1356.	57.	4.
2765	0000	-794	37.9800	80.4935	MG	0.7 -	2.5	6.6	3.74	0.37	10.08	1440.	55.	5.
2766	0000	-795	37.9800	80.4928	MG	0.7	2.4	7.1	3.55	0.34	10.44 +	1495.	54.	5.
2767	0000	-796	37.9800	80.4922	MG	0.7 -	2.6	7.6	3.90 +	0.34	11.38 +	1518.	53.	5.
2768	0000	-797	37.9800	80.4916	MG	0.7	2.8	7.9	4.04 +	0.36	11.30 +	1546.	54.	5.
2769	0000	-798	37.9800	80.4910	MG	0.7 -	2.9	8.3	4.31 +	0.35	12.44 +	1573.	55.	5.
2770	0000	-798	37.9800	80.4903	MG	0.7	2.9	8.4	4.17 +	0.35	12.00 +	1602.	54.	5.
2771	0000	-797	37.9800	80.4897	MG	0.8	2.9	8.5	3.80	0.34	11.18 +	1603.	56.	5.
2772	0000	-800	37.9800	80.4890	MG	0.8	2.7	8.2	3.48	0.33	10.42 +	1596.	56.	4.
2773	0000	-803	37.9800	80.4884	MG	0.8	2.7	7.9	3.52	0.34	10.31 +	1594.	58.	5.
2774	0000	-80%	37.9800	80.4879	MG	0.7	2.6	8.0	3.45	0.32	10.76 +	1604.	58.	4.
2775	0000	-804	37.9800	80.4872	MG	0.8	2.5	7.8	3.33	0.33	10.16 +	1616.	57.	4.
2776	0000	-806	37.9800	80.4866	MG	0.8	2.5	7.5	3.29	0.34	9.71	1597.	57.	3.
2777	0000	-806	37.9800	80.4860	MG	0.7	2.6	7.3	3.62	0.36	10.10	1583.	54.	3.
2778	0000	-807	37.9800	80.4853	MG	0.8	2.4	7.5	3.11	0.32	9.70	1593.	51.	3.
2779	0000	-810	37.9800	80.4848	MG	0.7	2.5	7.3	3.58	0.35	10.33 +	1575.	53.	3.
2780	0000	-811	37.9800	80.4842	MG	0.7	2.5	7.3	3.52	0.35	10.12 +	1554.	55.	3.
2781	0000	-811	37.9800	80.4835	MG	0.7	2.5	7.4	3.36	0.34	9.97	1550.	55.	3.
2782	0000	-812	37.9800	80.4830	MG	0.7	2.3	7.5	3.21	0.31	10.44 +	1526.	56.	4.
2783	0000	-813	37.9800	80.4823	MG	0.7	2.3	7.7	3.11	0.30	10.33 +	1514.	55.	5.
2784	0000	-815	37.9801	80.4817	MG	0.7	2.1	7.7	2.98	0.27	11.00 +	1470.	56.	5.
2785	0000	-817	37.9801	80.4811	MG	0.6 -	2.4	7.3	4.06 +	0.33	12.26 +	1416.	56.	5.
2786	0000	-817	37.9801	80.4805	MG	0.6 -	2.4	7.0	4.30 +	0.34	12.60 +	1369.	55.	5.
2787	0000	-818	37.9801	80.4799	MG	0.5 -	2.2	6.9	4.32 +	0.32	13.41 ++	1339.	50.	4.
2788	0000	-819	37.9801	80.4793	MG	0.5 -	2.1	6.8	4.21 +	0.32	13.38 ++	1299.	51.	4.
2789	0000	-821	37.9801	80.4787	MG	0.5 -	2.2	6.6	4.79 +	0.34	14.09 ++	1288.	51.	3.
2790	0000	-821	37.9801	80.4780	MG	0.5 -	2.3	6.2	4.89 +	0.36	13.41 ++	1287.	53.	2.
2791	0000	-822	37.9801	80.4775	MG	0.5 -	2.4	6.1	4.66 +	0.39	12.03 +	1304.	55.	2.
2792	0000	-823	37.9801	80.4769	MG	0.5 -	2.4	6.2	4.64 +	0.38	12.23 +	1331.	54.	2.
2793	0000	-825	37.9801	80.4762	MMCC	0.6 -	2.1	6.5	3.86 +	0.33	11.68 +	1372.	56.	3.
2794	0000	-826	37.9802	80.4756	MMCC	0.6 -	2.2	6.5	3.81 +	0.34	11.15 +	1403.	57.	4.
2795	0000	-827	37.9802	80.4750	MMCC	0.6 -	2.3	6.5	3.80 +	0.35	10.78	1440.	58.	5.
2796	0000	-828	37.9801	80.4744	MMCC	0.6 -	2.2	7.3	3.68 +	0.30	12.10 +	1460.	59.	5.
2797	0000	-829	37.9801	80.4738	MMCC	0.6	2.0	7.8	3.32	0.26	12.64 +	1491.	57.	6.
2798	0000	-829	37.9801	80.4732	MMCC	0.6	1.9	8.2	2.97	0.23	12.71 +	1528.	56.	7.
2799	0000	-830	37.9802	80.4726	MMCC	0.7	1.9	8.6	2.78	0.22	12.45 +	1557.	57.	6.
2800	0000	-832	37.9802	80.4719	MMCC	0.6	2.5 +	8.8 +	3.81 +	0.28	13.66 +	1596.	55.	5.
2801	0000	-834	37.9802	80.4713	MMCC	0.6	2.7 +	9.3 +	4.18 +	0.29	14.39 +	1640.	53.	3.
2802	0000	-833	37.9802	80.4707	MMCC	0.7	2.8 +	9.1 +	4.23 +	0.31	13.71 +	1642.	54.	3.
2803	0000	-832	37.9802	80.4701	MMCC	0.7	3.1 +	8.3	4.57 +	0.37 +	12.21 +	1660.	52.	3.
2804	0000	-834	37.9802	80.4695	MMCC	0.7	3.4 ++	7.8	5.23 +	0.44 +	11.85 +	1658.	52.	2.
2805	0000	-836	37.9802	80.4689	MMCC	0.7	3.7 ++	7.3	5.48 ++	0.50 ++	10.89	1636.	52.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-837	37.9802	80.4683	MMCC	0.7	3.8 ++	7.3	5.37 +	0.52 ++	10.38	1614.	51.	1.
2807	0000	-839	37.9802	80.4676	MMCC	0.7	3.4 ++	6.9	4.48 +	0.49 ++	9.15	1560.	53.	1.
2808	0000	-839	37.9802	80.4671	MG	0.8	3.2 +	6.3	3.95 +	0.51 +	7.75	1533.	54.	2.
2809	0000	-840	37.9803	80.4665	MG	0.8	3.3 +	6.4	4.04 +	0.51 +	7.94	1532.	54.	1.
2810	0000	-840	37.9803	80.4658	MG	0.9	3.2 +	6.6	3.70	0.48 +	7.70	1530.	53.	2.
2811	0000	-840	37.9803	80.4653	MG	0.9	2.8	6.7	3.20	0.42 +	7.61	1532.	54.	3.
2812	0000	-840	37.9803	80.4646	MG	0.9	2.8	6.9	3.05	0.40	7.60	1550.	53.	3.
2813	0000	-841	37.9803	80.4640	MG	0.9	2.7	6.5	3.00	0.41	7.29	1563.	53.	4.
2814	0000	-842	37.9803	80.4634	MG	0.9	2.6	6.6	2.76	0.40	6.98	1600.	48.	4.
2815	0000	-843	37.9803	80.4628	MG	1.0	2.4	6.9	2.49	0.34	7.31	1633.	48.	5.
2816	0000	-845	37.9803	80.4622	MG	1.0	2.3	6.8	2.23	0.33	6.69	1676.	47.	5.
2817	0000	-846	37.9803	80.4615	MG	1.1	2.0	6.8	1.80	0.29	6.20	1701.	49.	6.
2818	0000	-846	37.9803	80.4610	MG	1.1	2.2	7.2	1.88	0.30	6.30	1735.	49.	6.
2819	0000	-846	37.9803	80.4603	MG	1.2	2.1	7.5	1.74	0.28	6.28	1763.	49.	6.
2820	0000	-846	37.9804	80.4598	MG	1.3 +	1.9	7.8	1.47 -	0.25	5.92 -	1794.	50.	6.
2821	0000	-847	37.9804	80.4592	MG	1.3 +	2.2	8.0	1.72	0.28	6.16 -	1830.	52.	5.
2822	0000	-848	37.9804	80.4585	MG	1.3 +	2.2	7.7	1.63	0.28	5.80 -	1818.	52.	6.
2823	0000	-849	37.9803	80.4579	MG	1.3 +	2.0	7.9	1.47 -	0.25	5.94 -	1805.	52.	6.
2824	0000	-850	37.9803	80.4572	MG	1.3 +	2.0	7.9	1.51 -	0.26	5.83 -	1792.	48.	6.
2825	0000	-850	37.9804	80.4567	MG	1.4 +	1.7	7.9	1.26 -	0.22 -	5.81 -	1778.	49.	6.
2826	0000	-851	37.9804	80.4561	MG	1.3 +	1.8	8.1	1.38 -	0.22 -	6.33	1762.	50.	6.
2827	0000	-853	37.9804	80.4554	MG	1.2	1.8	8.0	1.49 -	0.22 -	6.77	1712.	51.	5.
2828	0000	-853	37.9804	80.4549	MG	1.1	1.5 -	7.7	1.30 -	0.19 -	6.88	1611.	52.	6.
2829	0000	-853	37.9804	80.4542	MG	1.0	1.6 -	7.5	1.65	0.22 -	7.64	1489.	54.	5.
2830	0000	-855	37.9805	80.4536	MG	0.8	1.7 -	6.6	1.98	0.25	7.80	1364.	54.	5.
2831	0000	-854	37.9804	80.4530	MG	0.7	1.6 -	6.3	2.27	0.25	9.24	1250.	56.	5.
2832	0000	-853	37.9804	80.4524	MG	0.6 -	1.6 -	5.6 -	2.89	0.29	10.00	1132.	54.	4.
2833	0000	-854	37.9804	80.4518	MG	0.5 -	1.4 -	4.9 -	2.57	0.28	9.25	1021.	55.	4.
2834	0000	-856	37.9804	80.4512	MG	0.5 -	1.3 -	4.8 --	2.72	0.27	9.99	963.	55.	3.
2835	0000	-856	37.9805	80.4506	MG	0.5 -	1.3 -	4.7 --	2.62	0.28	9.50	946.	55.	2.
2836	0000	-856	37.9805	80.4499	MG	0.5 -	1.2 -	4.6 --	2.32	0.27	8.69	983.	54.	2.
2837	0000	-857	37.9805	80.4494	MG	0.5 -	1.5 -	5.0 -	2.84	0.30	9.59	1011.	55.	1.
2838	0000	-858	37.9805	80.4487	MBF-1	0.5 +	1.6	5.0	3.11	0.33	9.51	1029.	55.	0.
2839	0000	-858	37.9805	80.4481	MBF-1	0.6 +	1.6	5.2	2.83	0.31	9.22	1046.	56.	1.
2840	0000	-858	37.9805	80.4475	MBF-1	0.6 +	1.7	5.6 +	2.82	0.30	9.33	1092.	55.	1.
2841	0000	-860	37.9805	80.4469	MBF-2	0.6 -	1.7	5.3 -	2.80 +	0.32	8.82 +	1114.	56.	2.
2842	0000	-860	37.9805	80.4463	MBF-1	0.6 +	1.7	5.3	2.92	0.32	9.19	1118.	56.	3.
2843	0000	-860	37.9805	80.4457	MG	0.5 -	1.8	5.1 -	3.40	0.35	9.59	1109.	55.	4.
2844	0000	-862	37.9805	80.4451	MG	0.6 -	1.5 -	5.5 -	2.66	0.28	9.56	1126.	54.	5.
2845	0000	-861	37.9806	80.4445	MG	0.6 -	1.5 -	5.5 -	2.45	0.28	8.67	1166.	56.	5.
2846	0000	-861	37.9806	80.4438	MG	0.6 -	2.0	5.7 -	3.34	0.35	9.63	1239.	56.	5.
2847	0000	-863	37.9806	80.4433	MG	0.6 -	2.1	5.6 -	3.76	0.38	9.91	1275.	58.	6.
2848	0000	-864	37.9806	80.4426	MG	0.6 -	2.1	5.9 -	3.43	0.36	9.55	1327.	58.	5.
2849	0000	-862	37.9806	80.4420	MG	0.7 -	2.3	6.0 -	3.44	0.38	8.98	1396.	58.	5.
2850	0000	-863	37.9806	80.4414	MG	0.8	2.4	6.7	3.10	0.36	8.66	1493.	61.	4.
2851	0000	-865	37.9806	80.4408	MG	0.8	2.5	6.9	2.99	0.36	8.29	1565.	60.	4.
2852	0000	-864	37.9806	80.4402	MG	0.8	2.5	7.3	2.96	0.34	8.66	1605.	57.	4.
2853	0000	-864	37.9806	80.4395	MG	1.0	2.2	7.7	2.22	0.28	7.86	1627.	59.	4.
2854	0000	-864	37.9806	80.4390	MG	1.1	2.1	7.8	1.99	0.27	7.39	1648.	57.	4.
2855	0000	-863	37.9806	80.4383	MG	1.1	2.0	8.3	1.82	0.24	7.48	1672.	55.	4.
2856	0000	-866	37.9807	80.4377	MBF-2	1.1	2.0	8.6 +	1.78	0.23	7.66	1685.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-867	37.9807	80.4372	MBF-2	1.1	1.9	8.7 +	1.69	0.22	7.72	1671.	52.	5.
2858	0000	-865	37.9807	80.4365	MBF-2	1.1	1.8	8.8 +	1.60	0.20	7.96	1656.	53.	6.
2859	0000	-867	37.9807	80.4359	MBF-2	1.2	1.6	9.1 +	1.41	0.18 -	7.61	1676.	54.	7.
2860	0000	-869	37.9807	80.4353	MBF-2	1.1	1.6	8.7 +	1.36	0.18 -	7.64	1650.	52.	8.
2861	0000	-868	37.9807	80.4347	MG	1.1	1.4 -	8.8 +	1.21 -	0.15 --	7.82	1638.	53.	8.
2862	0000	-869	37.9807	80.4340	MG	1.1	1.3 -	8.2	1.20 -	0.16 --	7.35	1584.	54.	8.
2863	0000	-870	37.9807	80.4335	MG	1.0	1.2 -	7.8	1.18 -	0.16 --	7.42	1516.	56.	8.
2864	0000	-869	37.9807	80.4329	MG	1.0	1.1 --	7.3	1.09 -	0.14 --	7.55	1438.	57.	7.
2865	0000	-870	37.9807	80.4322	MG	1.0	1.3 -	6.6	1.33 -	0.19 -	6.88	1353.	59.	6.
2866	0000	-870	37.9807	80.4317	MG	0.9	1.2 -	5.6 -	1.35 -	0.21 -	6.55	1223.	59.	5.
2867	0000	-870	37.9807	80.4310	MG	0.8	1.0 --	5.2 -	1.30 -	0.20 -	6.66	1119.	60.	3.
2868	0000	-872	37.9807	80.4304	MG	0.7	1.0 --	4.4 --	1.52 -	0.24	6.39	1003.	58.	3.
2869	0000	-871	37.9807	80.4298	MBF-1	0.6 +	1.1	4.1	1.93 -	0.27	7.21 -	919.	57.	2.
2870	0000	-870	37.9807	80.4292	MBF-1	0.5 +	0.9 -	4.0	1.78 -	0.24 -	7.49 -	860.	55.	2.
2871	0000	-870	37.9808	80.4286	MBF-1	0.5	1.0 -	3.6	1.84 -	0.26	6.97 -	822.	54.	3.
2872	0000	-870	37.9808	80.4280	MBF-1	0.5	0.7 -	3.6	1.62 -	0.20 -	7.92 -	779.	56.	3.
2873	0000	-871	37.9808	80.4274	MBF-1	0.4	0.8 -	3.6	1.86 -	0.22 -	8.29	775.	54.	3.
2874	0000	-873	37.9808	80.4267	MBF-1	0.4	1.1	3.6	2.79	0.29	9.47	780.	55.	2.
2875	0000	-873	37.9808	80.4262	MBF-1	0.4	1.2	3.9	3.11	0.29	10.60	796.	55.	2.
2876	0000	-872	37.9808	80.4256	MBF-1	0.4	1.0	4.0	2.63	0.26	10.13	818.	57.	2.
2877	0000	-872	37.9808	80.4249	MBF-1	0.4	1.0	4.0	2.48	0.26	9.62	836.	56.	2.
2878	0000	-872	37.9808	80.4243	MBF-1	0.4	1.0	4.1	2.54	0.25	10.10	839.	57.	2.
2879	0000	-872	37.9808	80.4237	MBF-1	0.4	1.2	3.9	2.90	0.30	9.66	854.	56.	2.
2880	0000	-871	37.9808	80.4231	MBF-1	0.4	1.2	4.0	2.90	0.29	10.00	852.	56.	3.
2881	0000	-872	37.9809	80.4225	MBF-1	0.4	1.0	3.8	2.66	0.28	9.67	837.	55.	4.
2882	0000	-874	37.9809	80.4218	MBF-1	0.4	0.8 -	3.5	2.10 -	0.24 -	8.82	805.	58.	6.
2883	0000	-873	37.9809	80.4213	MBF-1	0.4	0.8 -	3.3	2.20 -	0.25	9.19	789.	55.	7.
2884	0000	-873	37.9809	80.4206	MBF-1	0.4	0.8 -	3.2	2.17 -	0.26	8.30	777.	57.	8.
2885	0000	-876	37.9809	80.4200	MBF-1	0.4	0.8 -	3.3	1.96 -	0.23 -	8.45	791.	56.	10.
2886	0000	-876	37.9809	80.4194	MBF-1	0.4	0.7 -	3.4	1.57 --	0.20 -	7.71 -	815.	54.	11.
2887	0000	-875	37.9809	80.4188	MBF-1	0.5	0.7 -	3.4	1.44 --	0.20 -	7.13 -	860.	54.	12.
2888	0000	-875	37.9809	80.4182	MBF-1	0.6 +	0.6 -	3.6	1.06 --	0.18 --	6.05 --	933.	54.	12.
2889	0000	-874	37.9809	80.4176	MBF-2	0.7 -	1.0 -	4.0 --	1.50	0.25	5.97	1039.	50.	11.
2890	0000	-875	37.9809	80.4170	MBF-2	0.8 -	1.0 -	4.6 --	1.18 -	0.21	5.66 -	1126.	51.	10.
2891	0000	-877	37.9809	80.4163	MBF-2	0.9	1.2 -	5.1 -	1.35	0.23	5.85	1220.	52.	9.
2892	0000	-877	37.9810	80.4158	MBF-2	0.9	1.3 -	5.0 -	1.33	0.25	5.28 -	1283.	52.	8.
2893	0000	-876	37.9810	80.4152	MBF-2	1.0	1.3 -	5.5 -	1.33	0.23	5.69 -	1323.	51.	6.
2894	0000	-875	37.9810	80.4145	MBF-2	1.0	1.5	5.5 -	1.49	0.28	5.36 -	1349.	51.	4.
2895	0000	-875	37.9810	80.4140	MBF-2	1.0	1.7	5.6 -	1.66	0.30	5.58 -	1363.	51.	3.
2896	0000	-876	37.9809	80.4133	MBF-2	1.0	1.4	5.6 -	1.40	0.26	5.42 -	1356.	54.	3.
2897	0000	-877	37.9810	80.4127	MBF-2	1.0	1.7	5.6 -	1.63	0.30	5.42 -	1384.	56.	2.
2898	0000	-876	37.9810	80.4121	MBF-2	1.0	1.9	5.8 -	1.81	0.32	5.61 -	1430.	55.	1.
2899	0000	-876	37.9810	80.4115	MBF-2	1.1	2.0	6.6	1.77	0.30	5.95	1509.	55.	1.
2900	0000	-877	37.9810	80.4109	MBF-2	1.2	2.2	6.4	1.88	0.34 +	5.47 -	1594.	57.	2.
2901	0000	-878	37.9810	80.4103	MBF-2	1.2	2.1	7.0	1.75	0.31	5.69 -	1655.	56.	2.
2902	0000	-877	37.9810	80.4097	MBF-2	1.3	2.1	7.4	1.58	0.28	5.62 -	1714.	54.	2.
2903	0000	-877	37.9810	80.4090	MBF-2	1.4 +	2.2	8.0	1.59	0.27	5.78 -	1796.	52.	2.
2904	0000	-876	37.9810	80.4085	MBF-2	1.4 +	2.2	8.1	1.55	0.27	5.75 -	1834.	50.	2.
2905	0000	-876	37.9810	80.4079	MBF-2	1.5 +	1.8	8.1	1.25 -	0.23	5.56 -	1825.	50.	3.
2906	0000	-877	37.9810	80.4072	MBF-2	1.4 +	1.7	7.6	1.18 -	0.22	5.38 -	1782.	49.	4.
2907	0000	-878	37.9811	80.4066	MBF-2	1.4 +	1.4 -	8.1	1.00 -	0.17 -	5.86	1752.	49.	4.

CP9 IP12

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-876	37.9811	80.4059	MBF-2	1.4 +	1.2 -	8.3	0.88 --	0.15 -	6.02	1742.	49.	4.
2909	0000	-875	37.9811	80.4054	MBF-2	1.3	1.3 -	8.0	0.98 -	0.16 -	6.15	1721.	50.	4.
2910	0000	-876	37.9811	80.4048	MBF-2	1.2	1.4 -	7.4	1.11 -	0.19 -	5.97	1644.	50.	4.
2911	0000	-876	37.9811	80.4041	MBF-2	1.2	1.6	7.3	1.34	0.21	6.25	1602.	50.	3.
2912	0000	-876	37.9811	80.4036	MBF-2	1.1	1.7	7.2	1.52	0.24	6.37	1579.	48.	3.
2913	0000	-876	37.9811	80.4029	MG	1.1	1.9	7.0	1.70	0.28	6.12 -	1572.	52.	2.
2914	0000	-876	37.9811	80.4023	MG	1.1	1.9	6.5	1.66	0.29	5.67 -	1548.	53.	2.
2915	0000	-876	37.9811	80.4017	MG	1.1	1.9	6.1	1.70	0.32	5.39 -	1529.	53.	2.
2916	0000	-877	37.9811	80.4011	MG	1.2	2.1	5.9 -	1.81	0.36	5.08 -	1540.	53.	2.
2917	0000	-877	37.9812	80.4005	MG	1.2	2.2	6.4	1.91	0.35	5.47 -	1586.	52.	2.
2918	0000	-878	37.9812	80.3999	MG	1.2	2.1	6.5	1.80	0.32	5.62 -	1603.	52.	3.
2919	0000	-878	37.9812	80.3993	MG	1.1	2.1	6.8	1.79	0.30	5.89 -	1622.	56.	4.
2920	0000	-879	37.9812	80.3986	MG	1.1	2.1	7.4	1.95	0.29	6.79	1633.	53.	4.
2921	0000	-880	37.9812	80.3981	MG	1.1	2.2	7.8	1.97	0.28	7.05	1654.	51.	5.
2922	0000	-879	37.9812	80.3975	MG	1.1	2.2	8.2	2.06	0.27	7.75	1686.	50.	5.
2923	0000	-879	37.9812	80.3968	MBF-2	1.0	1.9	8.5	1.89	0.23	8.33 +	1688.	53.	7.
2924	0000	-880	37.9812	80.3963	MBF-2	1.1	1.7	8.4	1.56	0.20	7.81	1679.	55.	8.
2925	0000	-879	37.9812	80.3956	MG	1.1	1.6 -	8.2	1.44 -	0.20 -	7.28	1690.	55.	9.
2926	0000	-880	37.9812	80.3950	MG	1.2	1.8	7.8	1.45 -	0.22 -	6.47	1711.	53.	9.
2927	0000	-880	37.9812	80.3943	MG	1.3 +	1.5 -	7.8	1.08 -	0.19 -	5.80 -	1757.	54.	9.
2928	0000	-877	37.9812	80.3937	MG	1.4 +	1.4 -	7.6	1.02 -	0.18 -	5.55 -	1801.	54.	10.
2929	0000	-878	37.9812	80.3932	MG	1.5 +	1.6 -	7.5	1.10 -	0.21 -	5.17 -	1826.	55.	8.
2930	0000	-879	37.9812	80.3925	MG	1.5 ++	1.8	7.4	1.14 -	0.24	4.77 --	1856.	53.	7.
2931	0000	-878	37.9812	80.3919	MG	1.6 ++	1.9	7.6	1.20 -	0.25	4.80 --	1898.	52.	6.
2932	0000	-878	37.9812	80.3913	MG	1.6 ++	2.0	7.8	1.25 -	0.25	4.92 -	1913.	51.	4.
2933	0000	-878	37.9813	80.3907	MG	1.5 +	2.0	8.0	1.31 -	0.24	5.35 -	1892.	47.	4.
2934	0000	-878	37.9813	80.3902	MG	1.4 +	2.1	7.6	1.52 -	0.28	5.47 -	1844.	48.	2.
2935	0000	-880	37.9813	80.3895	MG	1.4 +	2.3	7.2	1.63	0.31	5.20 -	1795.	48.	1.
2936	0000	-879	37.9813	80.3889	MG	1.4 +	2.2	7.1	1.64	0.31	5.27 -	1755.	48.	1.
2937	0000	-879	37.9813	80.3882	MG	1.2	2.3	7.5	1.86	0.31	6.04 -	1709.	51.	1.
2938	0000	-881	37.9813	80.3877	MG	1.1	2.4	7.4	2.16	0.33	6.57	1669.	52.	1.
2939	0000	-881	37.9813	80.3870	MG	1.1	2.7	7.0	2.52	0.38	6.60	1641.	51.	1.
2940	0000	-880	37.9813	80.3864	MG	1.1	2.7	7.2	2.54	0.38	6.75	1643.	52.	1.
2941	0000	-880	37.9813	80.3859	MG	1.0	2.8	7.4	2.80	0.37	7.54	1627.	52.	1.
2942	0000	-881	37.9813	80.3852	MG	0.8	2.9	8.0	3.41	0.36	9.42	1604.	51.	1.
2943	0000	-880	37.9814	80.3846	MG	0.8	3.0 +	7.7	3.89 +	0.38	10.18 +	1559.	52.	0.
2944	0000	-879	37.9814	80.3840	MG	0.8	2.7	7.5	3.54	0.36	9.92	1524.	51.	1.
2945	0000	-880	37.9814	80.3834	MG	0.7	2.4	7.3	3.37	0.33	10.34 +	1475.	51.	2.
2946	0000	-881	37.9814	80.3828	MG	0.7	2.2	7.4	3.07	0.29	10.42 +	1449.	53.	3.
2947	0000	-880	37.9814	80.3822	MG	0.7 -	2.2	7.1	3.35	0.31	10.72 +	1424.	54.	3.
2948	0000	-880	37.9814	80.3816	MG	0.7	2.2	6.8	3.14	0.32	9.71	1392.	54.	4.
2949	0000	-880	37.9814	80.3809	MG	0.7	2.0	6.7	2.68	0.30	9.00	1393.	54.	4.
2950	0000	-879	37.9814	80.3804	MG	0.8	1.8	6.7	2.30	0.27	8.58	1409.	54.	5.
2951	0000	-881	37.9814	80.3797	MG	0.8	1.8	7.0	2.28	0.26	8.71	1448.	54.	5.
2952	0000	-883	37.9814	80.3791	MG	0.9	2.0	7.5	2.29	0.27	8.60	1509.	53.	5.
2953	0000	-880	37.9815	80.3785	MG	0.8	2.1	7.8	2.54	0.28	9.19	1548.	52.	4.
2954	0000	-880	37.9814	80.3779	MG	0.8	2.1	7.9	2.43	0.26	9.33	1577.	53.	4.
2955	0000	-882	37.9814	80.3773	MG	0.9	2.0	8.5	2.33	0.24	9.63	1625.	52.	3.
2956	0000	-880	37.9814	80.3766	MG	0.9	2.2	8.3	2.41	0.26	9.12	1657.	52.	3.
2957	0000	-878	37.9814	80.3761	MG	0.9	2.3	8.6 +	2.51	0.26	9.56	1680.	52.	2.
2958	0000	-880	37.9815	80.3755	MG	0.9	2.6	8.5	2.94	0.31	9.58	1697.	52.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-881	37.9815	80.3748	MG	0.9	2.5	8.1	2.85	0.32	9.03	1687.	53.	1.
2960	0000	-882	37.9815	80.3742	MG	0.9	2.2	8.1	2.36	0.27	8.63	1674.	54.	1.
2961	0000	-882	37.9815	80.3736	MG	1.0	2.1	8.2	2.19	0.26	8.55	1651.	54.	1.
2962	0000	-880	37.9815	80.3730	MG	0.9	2.3	7.8	2.48	0.29	8.44	1653.	54.	1.
2963	0000	-880	37.9815	80.3724	MG	0.9	2.2	7.9	2.53	0.28	8.94	1632.	53.	1.
2964	0000	-882	37.9815	80.3718	MG	0.9	2.2	7.7	2.54	0.29	8.74	1634.	55.	2.
2965	0000	-883	37.9815	80.3712	MG	0.9	1.9	7.9	2.10	0.25	8.56	1625.	52.	3.
2966	0000	-883	37.9815	80.3705	MG	0.9	1.9	7.8	2.03	0.24	8.34	1621.	50.	4.
2967	0000	-881	37.9815	80.3700	MG	0.9	1.9	7.4	2.10	0.26	8.12	1617.	49.	6.
2968	0000	-879	37.9815	80.3693	MG	0.9	2.0	7.1	2.23	0.28	7.86	1633.	48.	7.
2969	0000	-881	37.9816	80.3687	MG	1.0	2.0	6.9	2.14	0.30	7.23	1639.	47.	7.
2970	0000	-883	37.9816	80.3682	MG	1.0	2.2	6.5	2.32	0.34	6.85	1665.	48.	8.
2971	0000	-882	37.9816	80.3675	MG	0.9	2.1	6.7	2.20	0.31	7.11	1672.	45.	9.
2972	0000	-882	37.9816	80.3669	MG	0.9	2.1	6.6	2.30	0.32	7.29	1654.	48.	10.
2973	0000	-882	37.9816	80.3663	MG	0.9	2.2	6.8	2.55	0.32	8.01	1636.	48.	10.
2974	0000	-881	37.9816	80.3657	MG	0.8	2.2	6.7	2.70	0.33	8.09	1615.	50.	10.
2975	0000	-881	37.9816	80.3650	MG	0.9	2.1	6.6	2.48	0.33	7.62	1599.	49.	10.
2976	0000	-882	37.9816	80.3645	MG	0.8	1.9	7.0	2.33	0.27	8.58	1574.	49.	10.
2977	0000	-882	37.9816	80.3639	MG	0.8	1.8	7.4	2.21	0.24	9.15	1540.	49.	9.
2978	0000	-882	37.9816	80.3632	MG	0.8	1.9	7.3	2.44	0.26	9.30	1515.	50.	8.
2979	0000	-882	37.9817	80.3627	MG	0.8	2.0	7.2	2.61	0.28	9.16	1511.	49.	6.
2980	0000	-882	37.9817	80.3620	MG	0.8	2.0	6.7	2.43	0.30	8.09	1501.	50.	5.
2981	0000	-882	37.9816	80.3614	MG	0.8	2.1	6.6	2.51	0.32	7.86	1472.	50.	4.
2982	0000	-883	37.9816	80.3608	MG	0.8	2.2	6.5	2.79	0.34	8.16	1434.	52.	2.
2983	0000	-884	37.9816	80.3602	MG	0.8	2.4	6.1	3.05	0.39	7.74	1408.	52.	1.
2984	0000	-884	37.9817	80.3596	MG	0.8	2.4	5.7 -	3.02	0.43 +	7.02	1388.	52.	1.
2985	0000	-884	37.9817	80.3589	MG	0.8	2.4	5.7 -	3.06	0.42 +	7.34	1367.	51.	0.
2986	0000	-885	37.9817	80.3584	MG	0.7	2.5	5.6 -	3.36	0.44 +	7.57	1352.	51.	1.
2987	000	-883	37.9817	80.3577	MG	0.7	2.3	5.7 -	3.30	0.41	8.06	1350.	49.	2.
2988	0000	-885	37.9817	80.3571	MG	0.7 -	2.3	5.9 -	3.37	0.38	8.81	1375.	47.	3.
2989	0000	-886	37.9817	80.3566	MG	0.7	2.1	6.2	2.97	0.33	8.95	1410.	47.	5.
2990	0000	-885	37.9817	80.3559	MG	0.7 -	2.0	6.7	2.97	0.29	10.18 +	1455.	48.	7.
2991	0000	-884	37.9817	80.3553	MG	0.7	1.7	7.5	2.56	0.23 -	11.14 +	1500.	48.	8.
2992	0000	-884	37.9817	80.3547	MG	0.7 -	1.7 -	7.4	2.59	0.23 -	11.22 +	1523.	48.	10.
2993	0000	-884	37.9817	80.3541	MG	0.6 -	1.7	7.5	2.66	0.23 -	11.62 +	1529.	48.	11.
2994	0000	-884	37.9818	80.3535	MG	0.6 -	1.6 -	7.6	2.50	0.21 -	11.91 +	1505.	50.	12.
2995	0000	-886	37.9818	80.3528	MG	0.7	1.4 -	7.4	2.01	0.19 -	10.48 +	1498.	49.	12.
2996	0000	-886	37.9818	80.3523	MG	0.7	1.5 -	7.3	1.97	0.20 -	9.86	1502.	49.	12.
2997	0000	-885	37.9818	80.3516	MG	0.8	1.4 -	7.0	1.80	0.20 -	8.83	1469.	48.	11.
2998	0000	-884	37.9818	80.3510	MG	0.7	1.6 -	6.4	2.10	0.24	8.58	1420.	50.	11.
2999	0000	-885	37.9818	80.3504	MG	0.7	1.8	6.3	2.49	0.29	8.54	1399.	51.	9.
3000	0000	-885	37.9817	80.3497	MG	0.7	1.8	6.4	2.45	0.29	8.59	1424.	50.	9.
3001	0000	-885	37.9817	80.3490	MG	0.7	2.4	6.2	3.29	0.38	8.63	1493.	51.	9.
3002	0000	-885	37.9817	80.3484	MG	0.6 -	2.8	6.5	4.57 +	0.44 +	10.48 +	1549.	52.	9.
3003	0000	-884	37.9817	80.3477	MG	0.6 -	3.0 +	6.6	5.44 +	0.46 +	11.95 +	1594.	53.	9.
3004	0000	-884	37.9817	80.3470	MG	0.5 -	3.5 +	6.7	7.33 ++	0.52 +	14.14 ++	1638.	55.	9.
3005	0000	-886	37.9817	80.3464	MG	0.5 -	3.7 ++	7.4	8.08 ++	0.50 +	16.19 ++	1717.	54.	9.
3006	0000	-886	37.9817	80.3457	MG	0.5 -	3.8 ++	7.6	7.59 ++	0.50 +	15.32 ++	1778.	55.	10.
3007	0000	-885	37.9817	80.3450	MG	0.5 -	3.9 ++	7.7	7.85 ++	0.50 +	15.56 ++	1808.	56.	9.
3008	0000	-886	37.9816	80.3444	MG	0.5 -	3.8 ++	8.6 +	6.99 ++	0.44 +	15.84 ++	1813.	54.	8.
3009	0000	-887	37.9816	80.3437	MG	0.6 -	3.8 ++	8.7 +	6.46 ++	0.44 +	14.78 ++	1807.	58.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-885	37.9816	80.3430	MG	0.6 -	3.8 ++	8.9 +	6.38 ++	0.42 +	15.18 ++	1786.	58.	7.
3011	0000	-885	37.9816	80.3423	MG	0.6 -	3.5 +	9.1 +	5.49 +	0.38	14.26 ++	1784.	57.	6.
3012	0000	-885	37.9816	80.3416	MG	0.6 -	3.6 ++	8.6 +	5.72 +	0.42 +	13.61 ++	1742.	57.	5.
3013	0000	-886	37.9815	80.3410	MG	0.6 -	3.6 +	8.6 +	5.57 +	0.41	13.47 ++	1704.	55.	4.
3014	0000	-886	37.9815	80.3403	MG	0.7 -	3.5 +	8.3	5.27 +	0.42 +	12.61 +	1654.	57.	3.
3015	0000	-886	37.9815	80.3396	MG	0.6 -	3.3 +	7.9	5.33 +	0.42 +	12.62 +	1614.	57.	3.
3016	0000	-887	37.9815	80.3389	MG	0.6 -	3.2 +	7.7	5.32 +	0.41	12.96 +	1579.	55.	2.
3017	0000	-887	37.9815	80.3382	MG	0.6 -	3.3 +	7.3	5.91 +	0.46 +	12.92 +	1556.	53.	1.
3018	0000	-885	37.9815	80.3375	MG	0.6 -	3.1 +	7.2	5.22 +	0.44 +	11.98 +	1518.	53.	0.
3019	0000	-884	37.9814	80.3369	MG	0.6 -	3.0 +	7.0	4.83 +	0.43 +	11.35 +	1498.	52.	0.
3020	0000	-885	37.9814	80.3362	MG	0.6 -	3.0 +	7.1	4.74 +	0.42 +	11.33 +	1484.	51.	0.
3021	0000	-885	37.9814	80.3355	MG	0.6 -	3.0 +	6.8	4.86 +	0.45 +	10.84 +	1478.	50.	0.
3022	0000	-886	37.9814	80.3349	MG	0.6 -	2.9	6.4	4.68 +	0.45 +	10.35 +	1467.	51.	0.
3023	0000	-887	37.9814	80.3342	MG	0.7 -	2.8	6.4	4.20 +	0.44 +	9.60	1456.	49.	0.
3024	0000	-887	37.9814	80.3335	MG	0.7	2.6	6.5	3.47	0.40	8.73	1439.	50.	1.
3025	0000	-887	37.9814	80.3328	MG	0.7	2.8	6.1	3.95 +	0.45 +	8.74	1426.	51.	1.
3026	0000	-887	37.9813	80.3322	MG	0.7	2.6	5.9 -	3.74	0.44 +	8.49	1385.	50.	2.
3027	0000	-887	37.9813	80.3315	MG	0.7 -	2.3	5.3 -	3.40	0.43 +	7.89	1316.	51.	3.
3028	0000	-888	37.9813	80.3308	MG	0.6 -	2.0	5.1 -	3.14	0.39	8.15	1242.	51.	4.
3029	0000	-888	37.9813	80.3302	MG	0.6 -	2.0	4.9 -	3.44	0.41	8.46	1176.	52.	5.
3030	0000	-888	37.9813	80.3294	MG	0.5 -	1.8	4.8 --	3.51	0.37	9.44	1099.	53.	5.
3031	0000	-889	37.9812	80.3288	MG	0.4 -	1.7 -	4.5 --	4.18 +	0.38	10.95 +	1019.	53.	6.
3032	0000	-889	37.9812	80.3281	MG	0.4 --	1.5 -	4.1 --	4.10 +	0.36	11.51 +	940.	54.	7.
3033	0000	-887	37.9812	80.3273	MMCC	0.3 --	1.2 -	3.9 --	3.73 +	0.32	11.63 +	888.	57.	8.
3034	0000	-888	37.9812	80.3267	MMCC	0.3 --	1.1 --	4.0 --	3.43 +	0.28	12.22 +	878.	58.	9.
3035	0000	-887	37.9812	80.3260	MMCC	0.3 --	1.0 --	4.1 --	3.01	0.26	11.72 +	867.	58.	10.
3036	0000	-887	37.9812	80.3253	MMCC	0.4 --	0.8 ---	4.2 --	2.29	0.19 -	11.87 +	852.	56.	11.
3037	0000	-888	37.9811	80.3247	MPO	0.4 -	0.7 --	4.0 -	2.01	0.18 -	11.26	848.	58.	12.
3038	0000	-888	37.9811	80.3240	MPO	0.4 -	0.5 --	3.9 -	1.30 -	0.12 --	10.58	845.	56.	14.
3039	0010	-887	37.9811	80.3233	MPO	0.4 -	0.3 N.A.	4.0 -	0.86 N.A.	0.08 N.A.	10.58	840.	56.	14.
3040	0010	-888	37.9811	80.3227	MPO	0.4 -	0.2 N.A.	4.0 -	0.56 N.A.	0.06 N.A.	10.07	839.	56.	15.
3041	0000	-889	37.9811	80.3220	MPO	0.4 -	0.4 --	3.9 -	1.12 --	0.11 ---	10.16	824.	55.	15.
3042	0010	-889	37.9811	80.3213	MPO	0.4 -	0.4 N.A.	4.0 -	1.05 N.A.	0.10 N.A.	10.80	821.	56.	14.
3043	0000	-889	37.9810	80.3206	MPO	0.4 -	0.4 --	3.7 -	1.13 --	0.12 --	9.31	816.	56.	14.
3044	0000	-890	37.9810	80.3200	MPO	0.4 -	0.6 --	3.3 --	1.35 -	0.17 -	8.00	816.	54.	13.
3045	0000	-890	37.9810	80.3193	MPO	0.4 -	0.8 -	3.3 --	1.84 -	0.23	7.91	826.	55.	12.
3046	0000	-890	37.9810	80.3186	MPO	0.5	0.7 -	3.7 -	1.45 -	0.19 -	7.69	856.	54.	11.
3047	0000	-891	37.9810	80.3180	MPO	0.5	0.9 -	3.5 -	1.89	0.24	7.70	873.	52.	10.
3048	0000	-889	37.9810	80.3172	MMCC	0.5 -	0.9 ---	3.6 --	1.86	0.25	7.53	898.	53.	9.
3049	0000	-889	37.9809	80.3165	MMCC	0.5 -	1.1 --	3.5 --	2.11	0.30	7.07	923.	51.	8.
3050	0000	-889	37.9809	80.3159	MMCC	0.5 -	1.2 -	3.8 --	2.54	0.32	7.97	950.	53.	7.
3051	0000	-889	37.9809	80.3152	MMCC	0.5 -	1.3 -	4.2 --	2.65	0.32	8.30	985.	51.	6.
3052	0000	-889	37.9809	80.3145	MMCC	0.5 -	1.5 -	4.4 -	2.98	0.33	8.89	990.	53.	5.
3053	0000	-890	37.9809	80.3139	MPO	0.5	1.8 -	4.3 -	3.98	0.42 +	9.36	993.	51.	3.
3054	0000	-889	37.9809	80.3132	MPO	0.5	1.7	4.5 -	3.82	0.39 +	9.87	998.	50.	3.
3055	0000	-889	37.9809	80.3125	MPO	0.5	1.7	4.7	3.62	0.35	10.35	1005.	50.	3.
3056	0000	-890	37.9808	80.3118	MPO	0.5	1.6	4.9	3.53	0.33	10.80	1015.	49.	3.
3057	0000	-889	37.9808	80.3111	MPO	0.4	1.6	5.1	3.77	0.32	11.62	1019.	48.	3.
3058	0000	-888	37.9808	80.3105	MMCC	0.4 -	1.5	5.1 -	3.81 +	0.30	12.79 +	1019.	49.	4.
3059	0000	-889	37.9808	80.3098	MMCC	0.4 -	1.4 -	4.9 -	3.33	0.29	11.59 +	1038.	49.	5.
3060	0000	-889	37.9808	80.3091	MMCC	0.4 -	1.3 -	5.2 -	3.27	0.26	12.62 +	1046.	52.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-888	37.9807	80.3084	MMCC	0.4 -	1.5	5.2 -	3.74 +	0.29	12.70 +	1069.	54.	5.
3062	0000	-888	37.9807	80.3078	MMCC	0.4 --	1.7	4.8 -	4.33 +	0.36	12.15 +	1076.	53.	4.
3063	0000	-889	37.9807	80.3071	MPO	0.3 -	1.8	4.7	5.28 +	0.39 +	13.59 +	1062.	56.	4.
3064	0000	-888	37.9807	80.3064	MPO	0.4 -	1.8	4.7	4.88 +	0.39 +	12.56	1058.	56.	3.
3065	0000	-889	37.9807	80.3058	MPO	0.3 -	1.8	4.4 -	5.14 +	0.41 +	12.54	1023.	55.	3.
3066	0000	-889	37.9807	80.3050	MPO	0.3 -	1.8	4.3 -	5.52 +	0.41 +	13.40	989.	56.	2.
3067	0000	-888	37.9806	80.3044	MPO	0.3 -	1.7	3.8 -	5.49 +	0.45 +	12.20	957.	56.	2.
3068	0000	-888	37.9806	80.3037	MPO	0.3 -	1.6	3.9 -	5.34 +	0.42 +	12.81	924.	54.	2.
3069	0000	-889	37.9806	80.3030	MPO	0.3 -	1.4	4.1 -	4.21 +	0.34	12.49	913.	53.	3.
3070	0000	-890	37.9806	80.3023	MPO	0.3 -	1.2 -	4.2 -	3.51	0.29	12.01	900.	53.	4.
3071	0000	-889	37.9805	80.3017	MPO	0.4 -	1.1 -	3.7 -	2.93	0.29	10.25	888.	52.	5.
3072	0000	-888	37.9805	80.3010	MPO	0.3 -	1.3 -	3.9 -	3.78	0.33	11.59	895.	54.	5.
3073	0000	-890	37.9805	80.3003	MPO	0.3 -	1.3	4.1 -	4.03	0.32	12.51	923.	51.	5.
3074	0000	-891	37.9805	80.2997	MPO	0.4 -	1.2 -	4.6 -	3.31	0.26	12.80	943.	51.	6.
3075	0000	-889	37.9805	80.2989	MPO	0.4 -	1.1 -	4.4 -	2.91	0.25	11.43	966.	52.	7.
3076	0000	-888	37.9805	80.2983	MPO	0.3 -	1.4	4.3 -	3.98	0.32	12.28	971.	55.	6.
3077	0000	-889	37.9805	80.2976	MPO	0.3 -	1.5	4.6 -	4.38 +	0.32	13.53 +	995.	55.	6.
3078	0000	-889	37.9804	80.2969	MPO	0.3 -	1.6	4.8	4.87 +	0.33	14.58 +	1003.	56.	6.
3079	0000	-890	37.9804	80.2963	MPO	0.3 -	1.6	4.6 -	4.86 +	0.35	14.07 +	1013.	56.	6.
3080	0000	-889	37.9804	80.2956	MPO	0.3 -	1.6	4.7	4.71 +	0.33	14.14 +	993.	58.	7.
3081	0000	-888	37.9804	80.2949	MPO	0.3 -	1.7	4.3 -	5.81 +	0.39 +	14.77 +	978.	59.	7.
3082	0000	-888	37.9804	80.2942	MPO	0.3 --	1.7	4.3 -	6.84 ++	0.40 +	17.09 +	958.	58.	7.
3083	0000	-888	37.9804	80.2936	MPO	0.3 --	1.6	4.5 -	6.17 +	0.35	17.77 +	943.	55.	7.
3084	0000	-887	37.9804	80.2928	MPO	0.3 --	1.3	4.1 -	4.95 +	0.32	15.28 +	922.	53.	8.
3085	0000	-888	37.9803	80.2922	MPO	0.3 --	1.3 -	4.1 -	4.67 +	0.31	15.23 +	907.	52.	8.
3086	0000	-888	37.9803	80.2915	MPO	0.3 -	1.1 -	4.1 -	3.52	0.27	12.98	906.	52.	9.
3087	0000	-887	37.9803	80.2908	MPO	0.3 -	1.2 -	4.1 -	3.49	0.29	11.95	923.	51.	9.
3088	0000	-888	37.9803	80.2902	MPO	0.4 -	1.4	4.3 -	3.72	0.32	11.55	962.	50.	9.
3089	0000	-887	37.9802	80.2895	MPO	0.4	1.5	5.0	3.28	0.29	11.16	1027.	52.	9.
3090	0000	-885	37.9802	80.2888	MPO	0.5	1.5	5.5	2.93	0.27	10.78	1104.	51.	9.
3091	0000	-886	37.9802	80.2881	MPO	0.5	1.7	5.8	3.18	0.29	10.87	1179.	52.	8.
3092	0000	-888	37.9802	80.2875	MPO	0.6	1.9	6.8	3.43	0.28	12.36	1293.	51.	7.
3093	0000	-887	37.9802	80.2868	MPO	0.6	1.9	8.6	3.14	0.22	14.18 +	1432.	50.	5.
3094	0000	-887	37.9802	80.2861	MPO	0.6	2.2	9.6 +	3.36	0.23	14.81 +	1579.	51.	4.
3095	0000	-888	37.9802	80.2855	MPO	0.7	2.5 +	10.0 +	3.59	0.25	14.59 +	1708.	53.	3.
3096	0000	-888	37.9801	80.2847	MPO	0.8	2.5 +	10.7 +	3.32	0.23	14.20 +	1811.	53.	2.
3097	0000	-888	37.9801	80.2841	MPO	0.8	2.7 +	11.7 +	3.50	0.23	15.20 +	1864.	54.	1.
3098	0000	-890	37.9801	80.2834	MPO	0.8	2.8 +	12.1 +	3.75	0.24	15.92 +	1900.	54.	1.
3099	0000	-890	37.9801	80.2827	MPO	0.8	2.8 +	11.9 +	3.53	0.24	14.97 +	1896.	56.	2.
3100	0000	-890	37.9801	80.2821	MPO	0.7	3.1 ++	10.7 +	4.24 +	0.29	14.72 +	1843.	56.	3.
3101	0000	-889	37.9801	80.2814	MPO	0.7	2.9 +	9.9 +	4.04	0.30	13.52 +	1778.	58.	4.
3102	0000	-887	37.9801	80.2807	MPO	0.8	2.3	10.1 +	3.08	0.23	13.40	1724.	56.	5.
3103	0000	-888	37.9800	80.2800	MPO	0.7	2.4 +	9.1 +	3.51	0.27	13.01	1691.	55.	6.
3104	0000	-888	37.9800	80.2793	MPO	0.7	2.6 +	7.9	3.96	0.33	11.85	1677.	56.	7.
3105	0000	-886	37.9800	80.2786	MPO	0.7	2.6 +	7.8	3.69	0.34	10.86	1671.	56.	7.
3106	0000	-886	37.9800	80.2780	MPO	0.7	2.7 +	7.3	3.91	0.38 +	10.35	1654.	54.	7.
3107	0000	-887	37.9799	80.2773	MPO	0.8	2.4 +	7.1	3.22	0.34	9.40	1640.	57.	7.
3108	0000	-886	37.9799	80.2766	MPO	0.8	2.3	7.6	2.93	0.30	9.68	1636.	54.	6.
3109	0000	-887	37.9799	80.2759	MPO	0.8	2.6 +	7.1	3.23	0.36	8.88	1613.	55.	4.
3110	0000	-888	37.9799	80.2753	MPO	0.8	2.4 +	7.6	3.03	0.32	9.52	1567.	56.	3.
3111	0000	-887	37.9799	80.2746	MPO	0.8	2.1	7.6	2.52	0.28	9.10	1526.	59.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS * ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	* POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	* GROSS CPS	COS CPS	UAIR CPS *
3112	0000	-886	37.9799	80.2739	MPO	0.8	1.9	7.7	2.31	0.25	9.24	1496.	61.	1.
3113	0000	-886	37.9799	80.2733	MPO	0.8	1.8	8.0	2.18	0.23	9.48	1493.	62.	1.
3114	0000	-886	37.9799	80.2726	MPO	0.8	1.9	8.1	2.33	0.24	9.77	1483.	60.	0.
3115	0000	-885	37.9798	80.2719	MPO	0.8	1.9	7.6	2.37	0.25	9.59	1454.	63.	0.
3116	0000	-884	37.9798	80.2712	MPO	0.8	1.8	7.9	2.42	0.23	10.48	1426.	62.	0.
3117	0000	-884	37.9798	80.2706	MPO	0.7	1.9	7.4	2.65	0.26	10.17	1408.	59.	0.
3118	0000	-885	37.9798	80.2698	MPO	0.7	1.8	7.3	2.52	0.24	10.40	1386.	57.	1.
3119	0000	-883	37.9798	80.2692	MPO	0.7	1.7	6.9	2.53	0.25	10.20	1356.	53.	3.
3120	0000	-883	37.9797	80.2686	MPO	0.7	1.6	6.4	2.49	0.26	9.61	1316.	53.	4.
3121	0000	-883	37.9797	80.2678	MPO	0.6	1.7	5.9	2.79	0.29	9.46	1282.	52.	6.
3122	0000	-882	37.9797	80.2671	MPO	0.6	1.6	5.7	2.83	0.29	9.86	1245.	51.	7.
3123	0000	-883	37.9797	80.2665	MPO	0.5	1.6	5.4	3.07	0.30	10.34	1204.	53.	8.
3124	0000	-885	37.9797	80.2658	MPO	0.5	1.4	5.3	2.57	0.26	9.92	1159.	54.	8.
3125	0000	-884	37.9796	80.2651	MPO	0.5	1.6	5.0	3.26	0.32	10.32	1126.	56.	7.
3126	0000	-883	37.9796	80.2645	MPO	0.5	1.6	5.1	3.32	0.31	10.59	1110.	59.	6.
3127	0000	-883	37.9796	80.2638	MPO	0.5	1.7	5.3	3.56	0.33	10.92	1110.	59.	5.
3128	0000	-882	37.9796	80.2631	MPO	0.5	1.6	5.7	3.41	0.29	11.94	1100.	60.	4.
3129	0000	-883	37.9796	80.2624	MPO	0.5	1.6	5.7	2.92	0.28	10.56	1120.	60.	3.
3130	0000	-884	37.9796	80.2617	MPO	0.6	1.5	5.7	2.42	0.26	9.34	1136.	61.	3.
3131	0000	-884	37.9796	80.2611	MPO	0.6	1.7	5.9	2.88	0.29	9.86	1184.	61.	3.
3132	0000	-882	37.9796	80.2604	MPO	0.6	1.6	6.1	2.50	0.26	9.61	1224.	58.	4.
3133	0000	-881	37.9795	80.2597	MPO	0.7	1.6	5.9	2.50	0.28	8.96	1248.	56.	5.
3134	0000	-882	37.9795	80.2590	MPO	0.7	1.3	6.1	2.00	0.22	9.24	1248.	58.	7.
3135	0000	-882	37.9795	80.2584	MPO	0.7	1.1 -	6.2	1.49 -	0.17 -	8.78	1273.	58.	9.
3136	0000	-880	37.9795	80.2576	MPO	0.7	1.1 -	6.1	1.63 -	0.18 -	9.24	1253.	59.	10.
3137	0000	-880	37.9795	80.2570	MPO	0.6	1.0 -	6.1	1.55 -	0.16 -	9.43	1248.	58.	11.
3138	0000	-879	37.9794	80.2564	MPO	0.6	0.7 --	5.7	1.15 --	0.13 --	8.76	1202.	59.	13.
3139	0000	-879	37.9794	80.2556	MPO	0.7	0.6 --	5.5	0.94 --	0.11 ---	8.41	1167.	60.	13.
3140	0000	-880	37.9794	80.2550	MPO	0.6	0.7 --	5.7	1.04 --	0.12 --	8.97	1138.	60.	12.
3141	0000	-880	37.9794	80.2543	DHS-1	0.6	0.9 ---	5.6	1.58 -	0.16 --	9.66	1114.	59.	11.
3142	0000	-880	37.9794	80.2536	DHS-1	0.6	1.3 -	5.2 -	2.25	0.25	9.17	1093.	59.	8.
3143	0000	-879	37.9793	80.2529	DHS-1	0.6	1.2 -	5.4	2.05	0.23	8.96	1081.	58.	7.
3144	0000	-877	37.9793	80.2523	DHS-1	0.6 -	1.5	5.6	2.73	0.27	10.15	1087.	57.	5.
3145	0000	-878	37.9793	80.2516	DHS-1	0.5 -	1.7	5.7	3.33 +	0.30	10.96 +	1101.	57.	3.
3146	0000	-878	37.9793	80.2509	DHS-1	0.5 -	1.7	6.1	3.24 +	0.27	11.91 +	1123.	56.	3.
3147	0000	-876	37.9792	80.2503	DHS-1	0.5 -	1.6	6.1	2.96 +	0.26	11.27 +	1167.	56.	4.
3148	0000	-876	37.9792	80.2495	DHS-1	0.6	1.5	6.5	2.66	0.23	11.37 +	1226.	55.	5.
3149	0000	-876	37.9792	80.2489	DHS-1	0.6	1.5	6.9	2.46	0.21 -	11.71 +	1276.	54.	6.
3150	0000	-876	37.9792	80.2482	DHS-1	0.6	1.5	7.3 +	2.54	0.21 -	12.01 +	1336.	53.	7.
3151	0000	-876	37.9792	80.2475	DCH	0.7	1.3 -	7.3	2.03	0.19 -	10.99	1362.	53.	8.
3152	0000	-875	37.9792	80.2469	DCH	0.7	1.4	7.3	2.07	0.19	10.69	1395.	51.	10.
3153	0000	-874	37.9792	80.2462	DCH	0.7	1.7	7.4	2.35	0.23	10.42	1426.	51.	10.
3154	0000	-874	37.9792	80.2455	DCH	0.7	1.6	7.7	2.19	0.21	10.59	1445.	54.	10.
3155	0000	-874	37.9792	80.2448	DCH	0.8	1.6	7.7	2.01	0.21	9.67	1491.	55.	10.
3156	0000	-872	37.9791	80.2442	DCH	0.8	1.4	8.2	1.70	0.18 -	9.65	1523.	55.	10.
3157	0000	-870	37.9791	80.2434	DCH	0.8	1.6	8.2	1.88	0.19 -	9.88	1553.	58.	10.
3158	0000	-870	37.9791	80.2428	DCH	0.8	1.7	8.5	2.07	0.20	10.17	1608.	58.	10.
3159	0000	-871	37.9791	80.2421	DCH	0.9	1.6	9.1	1.88	0.18 -	10.48	1659.	57.	10.
3160	0000	-871	37.9791	80.2414	DCH	0.9	1.5	9.1	1.65	0.17 -	9.93	1688.	57.	9.
3161	0000	-870	37.9790	80.2408	DCH	0.9	1.8	9.2	2.03	0.19 -	10.59	1706.	56.	9.
3162	0000	-868	37.9790	80.2401	DCH	0.9	1.7	9.4	1.99	0.18 -	10.80	1702.	56.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ 7-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-867	37.9790	80.2394		DCH	0.8	1.9	8.8	2.25	0.22	10.45	1693.	56.	7.
3164	0000	-866	37.9790	80.2387		DCH	0.9	1.9	8.8	2.19	0.21	10.17	1701.	55.	6.
3165	0000	-865	37.9789	80.2381		DCH	0.9	2.0	9.0	2.20	0.22	10.16	1711.	55.	5.
3166	0000	-865	37.9789	80.2374		DCH	0.9	2.0	9.2	2.23	0.22	10.14	1722.	57.	4.
3167	0000	-865	37.9789	80.2367		DCH	0.8	2.4	9.5	2.85	0.25	11.35	1759.	57.	3.
3168	0000	-864	37.9789	80.2361		DCH	0.9	2.5	9.3	2.88	0.27	10.81	1797.	57.	4.
3169	0000	-865	37.9789	80.2354		DCH	0.9	2.7 +	8.9	3.16	0.31	10.30	1798.	59.	4.
3170	0000	-864	37.9789	80.2347		DCH	0.9	2.6	9.5	3.00	0.28	10.84	1807.	61.	4.
3171	0000	-862	37.9789	80.2340		DCH	0.9	2.8 +	9.4	3.27	0.29	11.09	1806.	58.	3.
3172	0000	-862	37.9789	80.2333		DCH	0.9	2.7	9.0	3.03	0.30	10.15	1784.	59.	4.
3173	0000	-863	37.9788	80.2326		DCH	0.9	2.6	8.7	2.81	0.29	9.55	1766.	60.	4.
3174	0000	-861	37.9788	80.2320		DCH	1.0	2.3	8.4	2.39	0.27	8.76	1727.	63.	4.
3175	0000	-862	37.9788	80.2312		DCH	1.0	2.1	8.2	2.21	0.26	8.60	1667.	64.	4.
3176	0000	-860	37.9788	80.2306		DCH	0.9	2.0	8.1	2.13	0.24	8.79	1623.	63.	4.
3177	0000	-858	37.9788	80.2299		DCH	0.9	2.0	7.7	2.17	0.26	8.28	1619.	62.	4.
3178	0000	-858	37.9787	80.2292		DCH	0.9	2.1	7.4	2.21	0.28	8.01	1612.	63.	5.
3179	0000	-857	37.9787	80.2286		DCH	0.9	2.0	7.6	2.20	0.26	8.45	1588.	64.	6.
3180	0000	-858	37.9787	80.2279		DCH	0.8	2.0	7.7	2.38	0.25	9.36	1561.	63.	7.
3181	0000	-858	37.9787	80.2272		DCH	0.8	2.3	7.7	3.01	0.30	9.95	1568.	60.	8.
3182	0000	-857	37.9787	80.2265		DCH	0.8	2.2	7.9	2.78	0.28	9.91	1587.	59.	9.
3183	0000	-855	37.9786	80.2259		DCH	0.8	2.1	8.0	2.63	0.27	9.89	1596.	57.	10.
3184	0000	-855	37.9786	80.2252		DCH	0.8	2.1	7.6	2.62	0.27	9.56	1556.	56.	10.
3185	0000	-856	37.9786	80.2245		DCH	0.8	1.8	7.6	2.27	0.23	9.85	1521.	56.	11.
3186	0000	-854	37.9786	80.2239		DCH	0.8	1.7	7.7	2.26	0.23	9.95	1532.	54.	11.
3187	0000	-851	37.9786	80.2232		DCH	0.9	1.6	7.4	1.84	0.21	8.58	1569.	55.	11.
3188	0000	-851	37.9785	80.2225		DCH	0.9	1.2 -	7.7	1.24 -	0.15 -	8.21	1580.	54.	11.
3189	0000	-850	37.9785	80.2218		DCH	0.9	1.1 -	7.7	1.12 -	0.14 --	8.11	1571.	54.	10.
3190	0000	-848	37.9785	80.2211		DCH	1.0	1.1 -	7.9	1.08 -	0.14 --	7.97	1588.	56.	9.
3191	0000	-849	37.9785	80.2204		DCH	1.1	1.2 -	8.4	1.06 -	0.14 --	7.74	1664.	56.	8.
3192	0000	-847	37.9785	80.2198		DCH	1.1	1.5	8.8	1.38 -	0.17 -	7.95	1718.	56.	7.
3193	0000	-846	37.9785	80.2191		DCH	1.1	1.7	8.4	1.49	0.20	7.33	1732.	55.	6.
3194	0000	-847	37.9784	80.2184		DCH	1.1	2.0	8.6	1.88	0.24	7.92	1717.	54.	5.
3195	0000	-845	37.9784	80.2177		DCH	1.1	2.3	8.5	2.11	0.27	7.80	1718.	55.	4.
3196	0000	-844	37.9784	80.2170		DCH	1.1	2.6	8.6	2.42	0.31	7.90	1758.	55.	5.
3197	0000	-845	37.9784	80.2164		DCH	1.1	2.7	8.5	2.48	0.32	7.84	1801.	53.	5.
3198	0000	-844	37.9784	80.2157		DCH	1.1	2.5	9.1	2.24	0.27	8.36	1819.	55.	6.
3199	0000	-842	37.9784	80.2150		DCH	1.2	2.4	9.0	2.00	0.27	7.50	1876.	53.	7.
3200	0000	-841	37.9784	80.2144		DCH	1.2	2.3	9.3	1.80	0.24	7.47	1942.	54.	9.
3201	0000	-840	37.9783	80.2137		DCH	1.3	2.2	9.2	1.68	0.24	7.09	1996.	57.	10.
3202	0000	-840	37.9783	80.2130		DCH	1.3 +	2.0	9.7	1.48	0.21	7.19	2035.	59.	12.
3203	0000	-840	37.9783	80.2123		DCH	1.4 +	1.7	9.5	1.20 -	0.18 -	6.68	2045.	59.	13.
3204	0000	-837	37.9783	80.2117		DCH	1.5 +	1.6	9.6	1.08 -	0.17 -	6.47	2074.	61.	14.
3205	0000	-835	37.9783	80.2110		DCH	1.4 +	1.9	9.3	1.32 -	0.21	6.41	2127.	60.	15.
3206	0000	-837	37.9782	80.2103		DCH	1.5 +	1.8	9.6	1.16 -	0.19 -	6.29	2158.	62.	15.
3207	0000	-836	37.9782	80.2097		DCH	1.5 +	1.9	9.4	1.22 -	0.20	6.07 -	2161.	60.	14.
3208	0000	-834	37.9782	80.2089		DB-2	1.5	1.8	9.4	1.17 -	0.19 -	6.10	2138.	59.	13.
3209	0000	-834	37.9782	80.2082		DB-2	1.5	2.1	8.9	1.38	0.24	5.86	2123.	58.	11.
3210	0000	-833	37.9781	80.2076		DB-2	1.5	2.5	8.5	1.74	0.30	5.87	2090.	56.	8.
3211	0000	-832	37.9781	80.2069		DB-2	1.4	2.6	8.3	1.89	0.32	5.96	2002.	54.	6.
3212	0000	-829	37.9781	80.2062		DB-2	1.3	2.6	7.8	1.93	0.33	5.78	1884.	53.	4.
3213	0000	-828	37.9781	80.2056		DB-2	1.2	2.4	7.2	2.00	0.34 +	5.89	1771.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-829	37.9781	80.2048	DB-2	1.2	2.3	7.5	1.87	0.31	6.04	1735.	55.	1.
3215	0000	-827	37.9781	80.2042	DB-2	1.4	2.4	7.4	1.79	0.33	5.45 -	1773.	54.	0.
3216	0000	-825	37.9781	80.2036	DB-2	1.5	2.6	7.6	1.75	0.34	5.18 -	1824.	54.	0.
3217	0000	-826	37.9781	80.2028	DB-2	1.6 +	2.6	8.4	1.61	0.30	5.30 -	1941.	55.	1.
3218	0000	-825	37.9780	80.2022	DB-2	1.7 +	2.7 +	9.5	1.64	0.29	5.69	2086.	54.	2.
3219	0000	-825	37.9780	80.2015	DB-2	1.8 +	2.8 +	10.3 +	1.56	0.27	5.83	2205.	55.	3.
3220	0000	-825	37.9780	80.2008	DB-2	1.8 +	3.2 +	10.7 +	1.73	0.30	5.82	2295.	57.	4.
3221	0000	-822	37.9780	80.2002	DB-2	1.9 +	3.5 ++	10.5 +	1.88	0.34	5.59	2366.	55.	6.
3222	0000	-822	37.9780	80.1995	DB-2	1.9 +	3.5 ++	10.8 +	1.85	0.32	5.78	2398.	56.	7.
3223	0000	-822	37.9780	80.1989	DB-2	1.8 +	3.1 +	10.6 +	1.72	0.30	5.80	2371.	55.	8.
3224	0000	-820	37.9780	80.1982	DB-2	1.7 +	3.2 ++	10.1 +	1.87	0.32	5.89	2304.	55.	8.
3225	0000	-818	37.9780	80.1977	DB-2	1.7 +	3.0 +	9.3	1.79	0.32	5.60	2224.	54.	8.
3226	0000	-817	37.9780	80.1971	DB-2	1.6 +	3.0 +	8.5	1.84	0.35 +	5.19 -	2164.	54.	7.
3227	0000	-817	37.9780	80.1965	DB-2	1.6 +	2.6 +	8.6	1.61	0.31	5.24 -	2136.	51.	7.
3228	0000	-817	37.9781	80.1960	DB-2	1.6 +	2.4	8.7	1.54	0.28	5.48	2072.	50.	5.
3229	0000	-815	37.9781	80.1954	DB-2	1.5	2.5	8.6	1.69	0.29	5.78	2003.	51.	4.
3230	0000	-814	37.9781	80.1949	DB-2	1.5	2.6	8.6	1.75	0.30	5.85	1969.	51.	3.
3231	0000	-814	37.9781	80.1942	DB-2	1.5	2.2	8.5	1.49	0.26	5.70	1937.	52.	2.
3232	0000	-813	37.9781	80.1938	DB-2	1.6 +	2.2	8.2	1.43	0.27	5.31 -	1926.	50.	2.
3233	0000	-813	37.9782	80.1932	DMB-2	1.6	2.2	8.3	1.39	0.26	5.34	1945.	50.	1.
3234	0000	-813	37.9782	80.1926	DMB-2	1.5	2.7	8.1	1.75	0.33	5.31	1965.	52.	0.
3235	0000	-813	37.9782	80.1920	DMB-2	1.5	2.5	7.9	1.65	0.32	5.15	1998.	54.	1.
3236	0000	-813	37.9782	80.1915	DMB-2	1.6	2.4	7.5 -	1.51	0.33	4.65 -	2013.	52.	1.
3237	0000	-812	37.9782	80.1909	DMB-2	1.6	2.4	7.4 -	1.55	0.33	4.74 -	1992.	54.	2.
3238	0000	-811	37.9783	80.1903	DMB-1	1.5 +	2.5	6.9 +	1.67 -	0.36	4.62	1931.	53.	2.
3239	0000	-811	37.9783	80.1898	DMB-1	1.4 +	2.4	6.6 +	1.79 -	0.37	4.78	1843.	56.	4.
3240	0000	-811	37.9783	80.1892	DMB-1	1.2 +	2.4	5.9 +	1.98 -	0.41	4.80	1712.	56.	5.
3241	0000	-809	37.9783	80.1887	DMB-1	1.1 +	2.1	5.1	1.84 -	0.41	4.52	1553.	57.	5.
3242	0000	-809	37.9783	80.1881	DMB-1	1.0	2.0	4.6	2.12	0.44	4.78	1383.	59.	6.
3243	0000	-810	37.9783	80.1875	DMB-1	0.7	2.0	4.1	2.78	0.50	5.58	1227.	58.	5.
3244	0000	-808	37.9783	80.1870	DMB-1	0.6	1.9	3.5	3.19	0.54	5.92	1097.	56.	6.
3245	0000	-808	37.9784	80.1864	DMB-1	0.5	1.7	3.1	3.43	0.54	6.33	996.	57.	7.
3246	0000	-809	37.9784	80.1859	DMB-1	0.4	1.7	2.7	4.22	0.62	6.82	905.	56.	7.
3247	0000	-809	37.9785	80.1852	DMB-1	0.3	1.5	2.6	4.29	0.57	7.56	813.	58.	6.
3248	0000	-809	37.9784	80.1847	DMB-1	0.3	1.1 -	2.5	3.81	0.[illegible]	8.70	741.	57.	8.
3249	0000	-808	37.9784	80.1842	DMB-1	0.2	1.0 -	2.1	4.20	0.[illegible]	9.07	668.	58.	9.
3250	0000	-808	37.9785	80.1836	DO	0.2	0.7 -	1.9 -	3.31	0.[illegible]	8.84	621.	58.	10.
3251	0000	-808	37.9785	80.1830	DO	0.2	0.5 --	1.4 -	2.28 -	0.35	6.54	581.	58.	12.
3252	0000	-807	37.9785	80.1825	DO	0.2 -	0.5 --	1.5 -	2.85	0.33	8.63	567.	58.	12.
3253	0000	-807	37.9785	80.1819	DO	0.2 -	0.5 --	1.2 --	2.97	0.38	7.77	555.	59.	12.
3254	0000	-808	37.9785	80.1814	DO	0.2 -	0.5 --	1.2 --	2.67	0.40	6.65	556.	58.	13.
3255	0000	-809	37.9786	80.1808	DHL	0.2 -	0.7 -	1.3 -	4.35	0.55	7.85	573.	58.	12.
3256	0000	-808	37.9786	80.1803	DHL	0.2 -	0.8 -	1.7 -	4.46	0.48	9.34	617.	58.	11.
3257	0000	-806	37.9787	80.1797	DHL	0.2 -	1.1	1.6 -	6.00	0.72	8.38	647.	59.	10.
3258	0000	-804	37.9786	80.1791	STW	0.2	1.4	2.1 -	6.77 +	0.68 +	9.99	706.	60.	8.
3259	0000	-803	37.9787	80.1785	STW	0.3	1.3	2.5	4.33	0.54	8.05	765.	60.	8.
3260	0000	-804	37.9787	80.1780	STW	0.3	1.6	3.1	4.79	0.51	9.35	834.	60.	7.
3261	0000	-803	37.9787	80.1774	SMC	0.3	1.7	3.2	5.13	0.53 +	9.58	883.	58.	6.
3262	0000	-800	37.9787	80.1768	SMC	0.3	1.6	3.3	5.14	0.49 +	10.48	888.	58.	6.
3263	0000	-799	37.9787	80.1763	SMC	0.3	1.5	3.2	4.56	0.48 +	9.59	881.	57.	6.
3264	0000	-799	37.9788	80.1757	SMC	0.3	1.3	3.3	3.70	0.38	9.85	856.	57.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-799	37.9788	80.1752	SMC	0.3	1.2	3.1	3.97	0.41	9.74	810.	56.	6.
3266	0000	-799	37.9788	80.1746	SMC	0.2	1.3	2.8 -	5.37	0.48 +	11.22	755.	54.	6.
3267	0000	-797	37.9788	80.1740	SMC	0.2	1.1 --	2.5 -	4.42	0.42	10.50	700.	52.	6.
3268	0000	-797	37.9788	80.1735	STW	0.2	1.0 -	2.4	5.04	0.42	12.07 +	656.	54.	6.
3269	0000	-797	37.9789	80.1730	STW	0.2	1.1 -	2.2	5.66	0.52	10.89	645.	53.	7.
3270	0000	-796	37.9789	80.1723	STW	0.2 -	1.4	2.1 -	7.52 +	0.65 +	11.51 +	633.	55.	6.
3271	0000	-796	37.9789	80.1717	STW	0.2 -	1.4	2.4	7.55 +	0.59	12.71 +	636.	54.	6.
3272	0000	-795	37.9789	80.1713	DHL	0.2	1.3	2.4	6.44	0.54	11.93 +	648.	54.	7.
3273	0000	-794	37.9789	80.1707	DHL	0.2	1.3	2.5	5.59	0.51	11.06	676.	56.	8.
3274	0000	-795	37.9790	80.1701	DHL	0.2	1.3	3.0	5.60	0.42	13.30 +	707.	58.	8.
3275	0000	-794	37.9790	80.1695	DHL	0.3	1.2	2.9	4.93	0.42	11.73 +	753.	59.	9.
3276	0000	-792	37.9790	80.1690	DHL	0.3	1.1	3.4	3.11	0.32	9.74	838.	59.	9.
3277	000	-793	37.9790	80.1684	DHL	0.4	1.1	3.4	2.60	0.31	8.32	919.	59.	11.
3278	000	-794	37.9790	80.1679	DO	0.5	0.9	3.4	2.00 -	0.28	7.13	1032.	60.	12.
3279	0000	-791	37.9791	80.1673	DO	0.6	1.1	3.9	1.93 -	0.28	6.91	1158.	59.	13.
3280	0000	-790	37.9790	80.1668	DO	0.7 +	1.4	4.3	2.02 -	0.32	6.25 -	1276.	59.	13.
3281	0000	-791	37.9791	80.1662	DO	0.8 +	1.6	4.3	1.84 -	0.36	5.07 -	1395.	59.	12.
3282	0000	-791	37.9791	80.1656	DMB-1	1.0	1.5	5.4 +	1.46 -	0.27 -	5.32	1534.	57.	12.
3283	0000	-791	37.9792	80.1650	DMB-1	1.1	1.9	5.8 +	1.75 -	0.33 -	5.36	1636.	57.	11.
3284	0000	-789	37.9792	80.1645	DMB-1	1.2 +	2.1	6.6 +	1.76 -	0.33 -	5.40	1747.	53.	10.
3285	0000	-788	37.9792	80.1639	DMB-1	1.3 +	2.5	6.8 +	1.97 -	0.37	5.29	1788.	51.	8.
3286	0000	-787	37.9792	80.1633	DMB-2	1.3	2.7	7.1 --	2.09	0.38 +	5.52	1794.	52.	7.
3287	0000	-786	37.9792	80.1628	DMB-2	1.3 -	2.6	7.3 -	2.02	0.35	5.76	1787.	54.	6.
3288	0000	-785	37.9793	80.1622	DMB-2	1.2 -	2.7	7.7 -	2.19 +	0.35	6.23	1788.	55.	4.
3289	0000	-786	37.9793	80.1617	DMB-2	1.2 -	3.1 +	7.4 -	2.67 ++	0.42 +	6.39	1780.	55.	3.
3290	0000	-786	37.9793	80.1611	DMB-2	1.3 -	2.9	8.0	2.24 +	0.36 +	6.28	1822.	56.	2.
3291	0000	-785	37.9793	80.1605	DMB-2	1.3 -	2.7	8.0	2.09	0.33	6.26	1805.	59.	2.
3292	0000	-785	37.9793	80.1600	DMB-2	1.2 -	2.7	8.4	2.19 +	0.32	6.80 +	1816.	58.	1.
3293	0000	-784	37.9794	80.1594	DMB-2	1.3 -	2.6	8.5	2.08	0.31	6.71 +	1822.	56.	1.
3294	0000	-784	37.9794	80.1589	DMB-2	1.3	2.7	8.6	2.05	0.31	6.56 +	1828.	54.	1.
3295	0000	-785	37.9794	80.1582	DMB-2	1.3	2.5	8.4	1.89	0.29	6.43	1802.	54.	1.
3296	0000	-784	37.9794	80.1577	DMB-2	1.3	2.4	7.9	1.85	0.31	6.06	1772.	53.	2.
3297	0000	-784	37.9794	80.1572	DMB-2	1.2 -	2.4	7.8	2.10	0.31	6.71 +	1677.	53.	2.
3298	0000	-784	37.9795	80.1566	DMB-2	1.1 -	2.5	7.8	2.29 +	0.32	7.17 +	1650.	52.	3.
3299	0000	-783	37.9794	80.1560	DB-2	1.1	2.1	7.6	1.86	0.27	6.86	1623.	52.	4.
3300	0000	-783	37.9795	80.1555	DB-2	1.1	2.0	7.3	1.89	0.27	6.92	1601.	54.	5.
3301	0000	-782	37.9795	80.1549	DB-2	1.0	1.9	7.3	1.98	0.27	7.41	1563.	53.	6.
3302	0000	-783	37.9796	80.1543	DB-2	1.0	2.0	7.4	2.06	0.26	7.80	1559.	54.	6.
3303	0000	-783	37.9796	80.1538	DB-2	0.9	1.8	7.7	1.95	0.24	8.29	1558.	54.	8.
3304	0000	-782	37.9796	80.1533	DB-2	1.0	1.7	7.1	1.77	0.24	7.-	1547.	55.	8.
3305	0000	-781	37.9796	80.1527	DB-2	0.9	1.8	6.8	1.99	0.27	7.47	1500.	57.	8.
3306	0000	-783	37.9796	80.1521	DB-2	0.8	2.0	6.7	2.41	0.30	7.96	1454.	62.	7.
3307	0000	-781	37.9797	80.1515	DB-2	0.8	2.0	6.5 -	2.35	0.30	7.76	1427.	62.	7.
3308	0000	-779	37.9796	80.1510	DB-2	0.8	2.0	6.4 -	2.44	0.32	7.61	1436.	63.	7.
3309	0000	-778	37.9796	80.1504	DB-2	0.8	2.2	6.3 -	2.66	0.36 +	7.38	1438.	63.	6.
3310	0000	-779	37.9797	80.1498	DB-2	0.9	2.2	6.4 -	2.51	0.34 +	7.34	1436.	63.	5.
3311	0000	-778	37.9797	80.1493	DB-2	0.9	2.2	6.7	2.57	0.33	7.85	1442.	65.	4.
3312	0000	-779	37.9797	80.1487	DB-2	0.9	2.1	7.2	2.33	0.29	7.90	1469.	62.	3.
3313	0000	-780	37.9797	80.1482	DB-2	1.0	2.1	7.2	2.21	0.29	7.51	1499.	59.	3.
3314	0000	-779	37.9798	80.1476	DB-2	1.0	2.0	7.8	1.97	0.26	7.70	1525.	60.	3.
3315	0000	-777	37.9798	80.1470	DB-2	1.1	1.9	7.8	1.77	0.24	7.46	1540.	58.	3.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-776	37.9798	80.1465	DB-2	1.1	1.9	7.7	1.75	0.24	7.18	1569.	59.	4.
3317	0000	-776	37.9798	80.1459	DB-2	1.1	2.0	7.9	1.84	0.25	7.35	1596.	59.	4.
3318	0000	-776	37.9798	80.1454	DB-2	1.1	2.1	8.1	1.84	0.25	7.38	1647.	56.	5.
3319	0000	-775	37.9799	80.1447	DB-2	1.2	2.1	7.9	1.81	0.27	6.71	1691.	57.	6.
3320	0000	-775	37.9799	80.1443	DB-2	1.2	2.3	8.0	1.85	0.28	6.49	1749.	57.	6.
3321	0000	-776	37.9799	80.1437	DB-2	1.3	2.5	7.8	1.93	0.32	6.08	1815.	54.	6.
3322	0000	-774	37.9799	80.1431	DB-2	1.3	2.6	8.2	1.96	0.31	6.25	1865.	55.	6.
3323	0000	-773	37.9799	80.1425	DB-2	1.3	2.5	8.3	1.89	0.29	6.42	1865.	52.	6.
3324	0000	-773	37.9800	80.1420	DB-2	1.3	2.3	7.9	1.80	0.30	6.07	1842.	51.	7.
3325	0000	-773	37.9800	80.1414	DB-2	1.3	2.2	7.8	1.73	0.28	6.15	1793.	52.	7.
3326	0000	-773	37.9800	80.1408	DB-2	1.2	2.0	7.9	1.71	0.25	6.72	1751.	50.	7.
3327	0000	-773	37.9800	80.1403	DB-2	1.1	2.1	7.7	1.91	0.27	7.15	1697.	49.	7.
3328	0000	-771	37.9800	80.1397	DB-2	1.0	2.0	7.8	1.96	0.25	7.69	1648.	53.	7.
3329	0000	-770	37.9801	80.1392	DB-2	1.0	1.9	7.7	1.86	0.24	7.69	1634.	51.	8.
3330	0000	-772	37.9801	80.1386	DB-2	1.0	1.9	7.9	1.88	0.25	7.66	1647.	52.	8.
3331	0000	-771	37.9801	80.1380	DB-2	1.0	2.1	8.0	2.07	0.27	7.79	1664.	51.	8.
3332	0000	-769	37.9801	80.1375	DB-2	1.0	2.4	7.6	2.36	0.32	7.39	1696.	50.	7.
3333	0000	-768	37.9801	80.1369	DB-2	1.1	2.6	7.4	2.33	0.36 +	6.54	1757.	54.	6.
3334	0000	-767	37.9802	80.1363	DB-2	1.2	2.8 +	7.6	2.30	0.37 +	6.26	1821.	55.	5.
3335	0000	-766	37.9802	80.1357	DB-2	1.3	2.9 +	8.0	2.34	0.37 +	6.40	1877.	52.	4.
3336	0000	-768	37.9802	80.1352	DB-2	1.3	3.0 +	7.8	2.31	0.39 +	6.00	1900.	55.	3.
3337	0000	-768	37.9802	80.1346	DB-2	1.4	3.2 ++	7.7	2.36	0.42 +	5.65	1921.	56.	2.
3338	0000	-766	37.9803	80.1341	DB-2	1.4	3.1 +	7.8	2.23	0.40 +	5.63	1928.	58.	1.
3339	0000	-766	37.9803	80.1335	DB-2	1.4	2.9 +	8.1	2.03	0.35 +	5.73	1939.	58.	2.
3340	0000	-768	37.9802	80.1330	DB-2	1.4	2.8 +	8.5	1.98	0.33	6.05	1899.	57.	1.
3341	0000	-768	37.9803	80.1324	DB-2	1.4	2.3	8.3	1.68	0.28	5.94	1845.	59.	3.
3342	0000	-768	37.9803	80.1319	DB-2	1.3	2.1	7.8	1.59	0.27	5.80	1766.	63.	3.
3343	0000	-768	37.9803	80.1312	DB-2	1.3	2.1	7.5	1.66	0.28	5.87	1700.	62.	4.
3344	0000	-768	37.9803	80.1308	DB-2	1.2	1.7	7.3	1.39	0.24	5.89	1635.	62.	5.
3345	0000	-768	37.9804	80.1302	DB-2	1.2	1.7	6.8	1.43	0.25	5.75	1599.	60.	6.
3346	0000	-768	37.9804	80.1296	DB-2	1.2	1.8	6.6 -	1.49	0.27	5.55	1571.	61.	7.
3347	0000	-768	37.9804	80.1290	DB-2	1.2	1.6 -	6.6 -	1.39	0.24	5.70	1566.	62.	8.
3348	0000	-769	37.9804	80.1285	DB-2	1.1	1.8	6.7	1.62	0.27	6.13	1563.	62.	8.
3349	0000	-769	37.9804	80.1279	DCH	1.2	1.9	7.1	1.60	0.26	6.08 -	1613.	60.	8.
3350	0000	-768	37.9805	80.1273	DCH	1.2	1.6	7.5	1.34 -	0.22	6.16	1664.	61.	8.
3351	0000	-767	37.9805	80.1268	DCH	1.3	1.7	7.9	1.32 -	0.22	6.05 -	1762.	59.	9.
3352	0000	-768	37.9805	80.1262	DCH	1.4 +	1.7	8.8	1.22 -	0.20	6.22	1868.	60.	9.
3353	0000	-768	37.9805	80.1257	DCH	1.5 +	1.7	9.2	1.17 -	0.19 -	6.31	1958.	59.	9.
3354	0000	-768	37.9805	80.1251	DCH	1.6 +	2.0	9.8	1.29 -	0.21	6.23	2062.	57.	8.
3355	0000	-768	37.9806	80.1245	DCH	1.7 ++	2.2	9.8	1.27 -	0.23	5.62 -	2212.	53.	9.
3356	0000	-766	37.9806	80.1240	DCH	1.9 ++	2.0	9.9	1.10 -	0.21	5.31 -	2302.	53.	11.
3357	0000	-761	37.9807	80.1234	DB-2	1.9 ++	2.2	10.1 +	1.14 -	0.22	5.19 -	2371.	54.	11.
3358	0000	-763	37.9807	80.1228	DB-2	2.0 ++	2.2	10.2 +	1.12 -	0.21	5.23 -	2383.	54.	11.
3359	0000	-764	37.9806	80.1222	DB-2	1.9 ++	2.2	9.9 +	1.13 -	0.22	5.12 -	2388.	53.	11.
3360	0000	-763	37.9807	80.1217	DB-2	2.0 ++	2.3	10.2 +	1.16 -	0.22	5.18 -	2398.	53.	11.
3361	0000	-763	37.9807	80.1212	DB-2	2.0 ++	2.0	10.1 +	1.04 -	0.20	5.13 -	2403.	51.	11.
3362	0000	-763	37.9807	80.1206	DB-2	1.9 ++	1.8	10.0 +	0.90 -	0.17 -	5.17 -	2347.	54.	12.
3363	0000	-761	37.9807	80.1200	DB-2	1.9 +	2.1	9.9 +	1.11 -	0.21	5.30 -	2305.	54.	11.
3364	0000	-761	37.9807	80.1195	DB-2	1.8 +	2.2	9.8 +	1.20 -	0.22	5.44 -	2278.	52.	10.
3365	0000	-761	37.9808	80.1189	DB-2	1.7 +	2.2	10.0 +	1.27 -	0.22	5.77	2243.	53.	11.
3366	0000	-762	37.9808	80.1183	DB-2	1.7 +	2.2	9.7 +	1.29 -	0.23	5.61	2229.	54.	11.

CP9 1P 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-762	37.9808	80.1178	DB-2	1.8 +	2.4	9.3	1.33	0.25	5.27 -	2245.	54.	11.
3368	0000	-761	37.9808	80.1173	DB-2	1.8 +	2.6	9.4	1.47	0.28	5.31 -	2260.	54.	11.
3369	0000	-762	37.9809	80.1167	DB-2	1.7 +	2.9 +	9.8 +	1.65	0.29	5.69	2265.	54.	9.
3370	0000	-762	37.9809	80.1161	DB-2	1.8 +	2.7 +	10.2 +	1.55	0.27	5.82	2281.	54.	9.
3371	0000	-763	37.9809	80.1155	DB-2	1.8 +	2.6	10.2 +	1.39	0.25	5.49	2300.	56.	8.
3372	0000	-765	37.9809	80.1150	DB-2	1.9 +	2.6	10.0 +	1.37	0.26	5.18 -	2340.	55.	7.
3373	0000	-765	37.9809	80.1144	DB-2	1.9 +	2.5	10.0 +	1.30	0.25	5.25 -	2303.	53.	6.
3374	0000	-763	37.9810	80.1138	DB-2	1.8 +	2.3	9.8 +	1.30	0.24	5.52	2207.	56.	5.
3375	0000	-764	37.9810	80.1133	DB-2	1.7 +	2.1	8.8	1.25 -	0.24	5.20 -	2073.	58.	4.
3376	0000	-764	37.9810	80.1127	DB-2	1.6 +	1.8	8.3	1.15 -	0.22	5.16 -	1969.	59.	5.
3377	0000	-764	37.9810	80.1122	DB-2	1.5	1.8	7.7	1.23 -	0.23	5.23 -	1877.	57.	5.
3378	0000	-764	37.9810	80.1116	DB-2	1.3	1.8	7.4	1.41	0.25	5.69	1781.	55.	6.
3379	0000	-763	37.9810	80.1110	DB-2	1.1	1.7	7.2	1.47	0.23	6.39	1676.	57.	6.
3380	0000	-761	37.9810	80.1105	DB-2	1.1	1.8	7.4	1.66	0.24	6.94	1650.	56.	7.
3381	0000	-762	37.9811	80.1099	DB-2	1.1	1.7	7.3	1.53	0.23	6.77	1624.	54.	8.
3382	0000	-762	37.9811	80.1093	DB-2	1.0	1.7	8.1	1.64	0.21	8.01	1661.	53.	8.
3383	0000	-762	37.9811	80.1087	DB-2	1.0	1.5 -	8.6	1.48	0.18 -	8.32	1712.	51.	9.
3384	0000	-764	37.9812	80.1082	DB-2	1.1	1.7	8.4	1.55	0.20	7.69	1757.	55.	10.
3385	0000	-765	37.9812	80.1076	DB-2	1.1	1.8	8.4	1.61	0.22	7.38	1798.	53.	10.
3386	0000	-764	37.9812	80.1071	DB-2	1.3	1.8	8.6	1.45	0.21	6.73	1873.	51.	11.
3387	0000	-763	37.9812	80.1065	DB-2	1.4	1.7	8.2	1.23 -	0.21	5.87	1921.	53.	12.
3388	0000	-762	37.9812	80.1060	DB-2	1.4	1.7	9.2	1.16 -	0.18 -	6.38	1992.	52.	11.
3389	0000	-763	37.9812	80.1054	DB-2	1.5	1.7	9.2	1.12 -	0.19 -	5.97	2063.	50.	12.
3390	0000	-763	37.9812	80.1049	DB-2	1.6 +	1.7	9.5	1.07 -	0.18 -	5.77	2109.	52.	11.
3391	0000	-761	37.9812	80.1043	DB-2	1.7 +	1.7	10.0 +	0.97 -	0.17 -	5.75	2181.	49.	11.
3392	0000	-762	37.9812	80.1037	DB-2	1.8 +	1.9	10.4 +	1.05 -	0.18 -	5.74	2249.	50.	10.
3393	0000	-764	37.9812	80.1031	DB-2	1.8 +	2.1	10.5 +	1.14 -	0.20 -	5.77	2282.	51.	9.
3394	0000	-764	37.9812	80.1025	DB-2	1.8 +	2.3	11.1 +	1.30	0.21	6.22	2313.	51.	8.
3395	0000	-763	37.9812	80.1019	DB-2	1.8 +	2.5	10.9 +	1.36	0.22	6.03	2326.	51.	8.
3396	0000	-764	37.9812	80.1013	DB-2	1.9 +	2.1	11.0 +	1.10 -	0.19 -	5.88	2296.	51.	8.
3397	0000	-764	37.9812	80.1008	DB-2	1.8 +	2.1	10.8 +	1.17 -	0.20	5.91	2287.	51.	8.
3398	0000	-763	37.9812	80.1002	DB-2	1.7 +	2.2	10.6 +	1.27 -	0.21	6.14	2235.	50.	8.
3399	0000	-763	37.9812	80.0996	DB-2	1.7 +	2.0	10.7 +	1.16 -	0.18 -	6.31	2197.	47.	8.
3400	0000	-764	37.9812	80.0991	DB-2	1.7 +	2.1	10.5 +	1.29 -	0.20	6.30	2158.	47.	7.
3401	0000	-763	37.9811	80.0985	DB-2	1.6 +	1.8	10.2 +	1.13 -	0.18 -	6.25	2096.	48.	7.
3402	0000	-763	37.9811	80.0979	DB-2	1.6 +	1.8	9.9 +	1.11 -	0.18 -	6.09	2054.	49.	6.
3403	0000	-765	37.9811	80.0974	DB-2	1.6 +	2.2	9.3	1.37	0.23	5.86	2055.	49.	5.
3404	0000	-764	37.9811	80.0968	DB-2	1.6 +	2.3	8.8	1.43	0.26	5.42 -	2065.	48.	5.
3405	0000	-764	37.9810	80.0962	DB-2	1.7 +	2.1	8.8	1.20 -	0.23	5.13 -	2101.	51.	5.
3406	0000	-766	37.9810	80.0956	DB-2	1.8 +	1.9	9.0	1.08 -	0.21	5.13 -	2122.	57.	4.
3407	0000	-766	37.9810	80.0950	DB-2	1.8 +	1.8	9.0	1.00 -	0.20 -	5.08 -	2145.	57.	4.
3408	0000	-766	37.9810	80.0945	DB-2	1.8 +	2.1	8.9	1.18 -	0.23	5.02 -	2157.	57.	5.
3409	0000	-767	37.9810	80.0939	DB-2	1.7 +	2.2	9.0	1.27 -	0.25	5.12 -	2185.	58.	6.
3410	0000	-767	37.9810	80.0933	DB-2	1.7 +	2.3	9.2	1.35	0.25	5.36 -	2205.	57.	6.
3411	0000	-765	37.9810	80.0928	DB-2	1.7 +	2.1	9.6	1.26 -	0.22	5.81	2190.	57.	7.
3412	0000	-766	37.9810	80.0922	DB-2	1.6 +	2.3	9.5	1.44	0.24	5.92	2139.	55.	6.
3413	0000	-767	37.9810	80.0916	DB-2	1.5	2.4	8.9	1.59	0.27	5.81	2081.	54.	6.
3414	0000	-766	37.9810	80.0910	DB-2	1.4	2.6	8.9	1.82	0.30	6.16	2027.	57.	5.
3415	0000	-768	37.9810	80.0905	DB-2	1.5	2.5	8.9	1.72	0.28	6.07	2015.	53.	4.
3416	0000	-768	37.9810	80.0899	DB-2	1.5	2.5	8.8	1.71	0.29	5.88	2001.	53.	3.
3417	0000	-766	37.9810	80.0893	DB-2	1.5	2.4	9.0	1.63	0.27	6.11	1983.	57.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-766	37.9810	80.0887	DB-2	1.5	2.5	9.1	1.73	0.28	6.19	1990.	54.	2.
3419	0000	-768	37.9810	80.0881	DB-2	1.4	2.7 +	9.2	1.93	0.30	6.48	2009.	55.	2.
3420	0000	-769	37.9810	80.0875	DB-2	1.5	2.7 +	9.7 +	1.89	0.28	6.76	2049.	55.	2.
3421	0000	-770	37.9810	80.0870	DB-2	1.6 +	2.4	9.9 +	1.55	0.24	6.36	2077.	56.	3.
3422	0000	-768	37.9809	80.0864	DB-2	1.5	2.6	9.8 +	1.65	0.26	6.37	2083.	58.	4.
3423	0000	-768	37.9809	80.0859	DB-2	1.5	2.5	9.8 +	1.63	0.25	6.51	2072.	58.	6.
3424	0000	-769	37.9809	80.0853	DB-2	1.4	2.4	9.1	1.63	0.26	6.25	2017.	59.	7.
3425	0000	-770	37.9809	80.0848	DB-2	1.4	2.3	8.5	1.62	0.27	5.91	1940.	60.	8.
3426	0000	-769	37.9809	80.0842	DB-2	1.4	2.0	8.3	1.38	0.24	5.80	1874.	60.	9.
3427	0000	-768	37.9809	80.0835	DB-2	1.3	1.9	7.6	1.41	0.25	5.71	1778.	60.	9.
3428	0000	-769	37.9809	80.0830	DB-2	1.2	1.9	7.3	1.57	0.26	6.03	1736.	57.	9.
3429	0000	-769	37.9809	80.0824	DB-2	1.2	1.8	7.6	1.54	0.24	6.46	1727.	57.	8.
3430	0000	-769	37.9809	80.0818	DB-2	1.1	1.9	8.0	1.63	0.23	6.99	1748.	59.	8.
3431	0000	-769	37.9809	80.0813	DB-2	1.2	2.3	8.8	1.84	0.26	7.11	1825.	57.	6.
3432	0000	-770	37.9809	80.0807	DCH	1.3	2.3	9.7	1.79	0.24	7.56	1901.	56.	6.
3433	0000	-770	37.9809	80.0801	DCH	1.3	2.5	10.4	1.92	0.24	8.01	1965.	56.	5.
3434	0000	-769	37.9809	80.0796	DCH	1.4 +	2.6	10.5	1.91	0.25	7.74	2036.	57.	5.
3435	0000	-768	37.9809	80.0790	DCH	1.4 +	2.6	10.9	1.86	0.24	7.69	2063.	59.	4.
3436	0000	-768	37.9809	80.0784	DCH	1.4 +	2.6	10.8	1.84	0.24	7.65	2067.	59.	5.
3437	0000	-768	37.9809	80.0779	DCH	1.4 +	2.7 +	10.4	1.87	0.26	7.49	2029.	58.	4.
3438	0000	-768	37.9808	80.0773	DCH	1.3	2.5	9.9	1.87	0.25	7.51	1972.	58.	5.
3439	0000	-769	37.9808	80.0767	DCH	1.3	2.4	9.1	1.84	0.26	7.04	1938.	60.	5.
3440	0000	-769	37.9808	80.0761	DCH	1.3	2.2	8.7	1.71	0.26	6.60	1941.	61.	6.
3441	0000	-768	37.9808	80.0755	DCH	1.3 +	2.3	8.8	1.73	0.26	6.55	1972.	59.	7.
3442	0000	-768	37.9808	80.0749	DCH	1.4 +	2.2	9.0	1.56	0.24	6.37	2008.	58.	7.
3443	0000	-767	37.9808	80.0744	DCH	1.5 +	2.2	9.3	1.53	0.24	6.36	2055.	57.	8.
3444	0000	-767	37.9808	80.0738	DCH	1.5 +	2.2	9.7	1.48 -	0.23	6.25	2125.	56.	9.
3445	0000	-767	37.9808	80.0732	DCH	1.6 +	2.2	10.1	1.38 -	0.22	6.31	2179.	57.	10.
3446	0000	-767	37.9807	80.0727	DCH	1.6 +	2.4	10.6	1.50	0.23	6.56	2219.	57.	10.
3447	0000	-768	37.9807	80.0721	DCH	1.6 +	2.4	11.3 +	1.52	0.22	7.07	2240.	58.	9.
3448	0000	-768	37.9807	80.0715	DCH	1.6 +	2.6	11.5 +	1.65	0.22	7.39	2238.	59.	9.
3449	0000	-768	37.9807	80.0709	DCH	1.5 +	2.7 +	11.4 +	1.83	0.24	7.75	2227.	59.	8.
3450	0000	-768	37.9807	80.0704	DCH	1.4 +	2.7 +	11.1 +	1.92	0.24	7.90	2185.	58.	7.
3451	0000	-769	37.9807	80.0698	DCH	1.3 +	2.5	10.7	1.90	0.24	8.05	2109.	60.	5.
3452	0000	-768	37.9807	80.0692	DCH	1.2	2.6	10.6	2.15	0.24	8.79	2033.	59.	4.
3453	0000	-768	37.9807	80.0686	DCH	1.2	2.3	10.4	2.00	0.22	9.01	1943.	59.	4.
3454	0000	-767	37.9807	80.0680	DCH	1.1	2.3	9.2	2.18	0.25	8.62	1833.	58.	2.
3455	0000	-767	37.9807	80.0675	DCH	1.0	2.1	8.8	2.02	0.24	8.58	1727.	57.	3.
3456	0000	-769	37.9807	80.0669	DCH	0.9	1.9	8.0	1.99	0.23	8.63	1612.	56.	4.
3457	0000	-771	37.9807	80.0664	DCH	0.8	1.7	7.6	2.02	0.22	8.99	1503.	58.	4.
3458	0000	-770	37.9807	80.0658	DCH	0.8	1.7	6.9	2.05	0.24	8.57	1427.	58.	6.
3459	0000	-769	37.9807	80.0652	DHS-1	0.8	1.5	6.4	1.93	0.23	8.40	1356.	58.	6.
3460	0000	-770	37.9807	80.0647	DHS-1	0.7	1.7	6.0	2.46	0.28	8.92	1307.	57.	6.
3461	0000	-771	37.9806	80.0640	DHS-1	0.7	1.6	5.8	2.47	0.28	8.91	1285.	57.	7.
3462	0000	-772	37.9806	80.0635	DHS-1	0.6	1.7	5.5	2.72	0.31	8.84	1265.	56.	7.
3463	0000	-773	37.9806	80.0629	DHS-1	0.6	1.8	5.5	2.81	0.32 +	8.66	1263.	57.	7.
3464	0000	-772	37.9806	80.0623	DHS-1	0.7	1.8 +	5.4	2.82	0.34 +	8.22	1286.	58.	7.
3465	0000	-772	37.9806	80.0617	DHS-1	0.6	1.9 +	5.6	3.23 +	0.34 +	9.49	1298.	57.	7.
3466	0000	-773	37.9806	80.0612	DHS-1	0.6	1.8	5.7	2.76	0.31	8.79	1321.	59.	8.
3467	0000	-773	37.9806	80.0606	DHS-1	0.7	1.8	5.5	2.70	0.32 +	8.34	1342.	58.	9.
3468	0000	-772	37.9806	80.0600	MPU	0.6	1.7	5.9	2.68	0.28	9.17	1328.	60.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-771	37.9806	80.0595		MPO	0.6	1.8	6.1	2.94	0.29	10.13	1326.	61.	9.
3470	0000	-771	37.9806	80.0589		MPO	0.6	1.7	6.2	2.80	0.27	10.49	1329.	60.	9.
3471	0000	-772	37.9806	80.0583		MPO	0.6	1.7	6.2	2.78	0.27	10.37	1349.	59.	9.
3472	0000	-772	37.9805	80.0578		MPO	0.6	1.8	6.5	2.85	0.28	10.21	1377.	58.	8.
3473	0000	-772	37.9805	80.0572		MPO	0.6	2.2	6.6	3.61	0.33	10.95	1402.	58.	8.
3474	0000	-773	37.9805	80.0566		MPO	0.6	2.2	7.4	3.72	0.30	12.57	1418.	61.	7.
3475	0000	-773	37.9805	80.0560		MPO	0.6	2.2	7.9	3.76	0.28	13.38	1482.	60.	6.
3476	0000	-772	37.9805	80.0554		MPO	0.6	2.2	8.5	3.62	0.26	13.95 +	1547.	58.	6.
3477	0000	-772	37.9805	80.0549		MPO	0.6	2.3	8.7	3.80	0.27	14.16 +	1594.	58.	5.
3478	0000	-773	37.9805	80.0543		MPO	0.6	2.3	9.1 +	3.92	0.25	15.60 +	1591.	58.	6.
3479	0000	-773	37.9805	80.0537		MPO	0.6	2.0	9.3 +	3.50	0.22	16.03 +	1553.	59.	6.
3480	0000	-771	37.9805	80.0532		MPO	0.6	1.5	9.3 +	2.47	0.17 -	14.95 +	1501.	57.	7.
3481	0000	-772	37.9805	80.0526		MPO	0.6	1.2 -	8.3	1.98	0.15 --	13.50	1433.	56.	10.
3482	0000	-774	37.9805	80.0520		MPO	0.6	1.1 -	7.3	1.91	0.15 --	12.77	1341.	57.	11.
3483	0000	-773	37.9805	80.0514		MPO	0.6	0.9 -	6.7	1.56 -	0.13 --	12.11	1243.	58.	13.
3484	0000	-772	37.9805	80.0509		MPO	0.5	0.8 -	6.2	1.51 -	0.12 --	12.11	1154.	59.	14.
3485	0000	-774	37.9805	80.0503		MPO	0.5	0.7 --	5.7	1.52 -	0.13 --	11.57	1095.	60.	14.
3486	0000	-774	37.9805	80.0497		MPO	0.5	0.6 --	5.2	1.33 -	0.12 --	10.81	1065.	58.	16.
3487	0000	-774	37.9804	80.0491		MPO	0.4 -	1.0 -	4.8	2.47	0.20 -	12.50	1029.	61.	16.
3488	0000	-775	37.9804	80.0485		MPO	0.4 -	1.1 -	4.8	3.18	0.24	13.46	1024.	60.	15.
3489	0000	-775	37.9804	80.0480		MPO	0.4 -	1.2 -	4.7	3.26	0.25	13.23	1013.	58.	16.
3490	0000	-775	37.9804	80.0474		MPO	0.4 -	1.2 -	4.5 -	3.16	0.26	12.34	998.	58.	16.
3491	0000	-775	37.9804	80.0469		MPO	0.4 -	0.9 -	4.6 -	2.52	0.20	12.37	988.	56.	16.
3492	0000	-775	37.9804	80.0463		MPO	0.4 -	0.9 -	4.6 -	2.48	0.19 -	12.83	976.	55.	15.
3493	0000	-776	37.9804	80.0457		MPO	0.4 -	0.9 -	4.4 -	2.55	0.22	11.85	968.	60.	14.
3494	0000	-775	37.9804	80.0451		MPO	0.4	0.8 -	4.2 -	1.84 -	0.19 -	9.82	992.	58.	14.
3495	0000	-775	37.9803	80.0445		MPO	0.5	0.9 -	4.1 -	1.82 -	0.21	8.83	1017.	56.	14.
3496	0000	-777	37.9803	80.0440		MPO	0.5	1.0 -	4.2 -	2.10	0.23	9.01	1034.	58.	13.
3497	0000	-777	37.9803	80.0434		MPO	0.5	1.1 -	4.4 -	2.28	0.24	9.46	1053.	59.	12.
3498	0000	-775	37.9803	80.0428		MPO	0.5	1.2 -	4.3 -	2.45	0.28	8.75	1058.	61.	11.
3499	0000	-775	37.9803	80.0422		MPO	0.5	1.1 -	4.2 -	2.11	0.27	7.75	1076.	61.	10.
3500	0000	-776	37.9803	80.0416		MPO	0.5	1.3	4.7	2.46	0.28	8.84	1101.	56.	8.
3501	0000	-776	37.9803	80.0410		MPO	0.5	1.5	4.9	2.91	0.29	9.86	1106.	57.	7.
3502	0000	-777	37.9803	80.0405		MPO	0.5	1.6	5.0	3.09	0.31	9.85	1092.	59.	6.
3503	0000	-776	37.9803	80.0400		MPO	0.6	1.5	4.8	2.74	0.32	8.67	1081.	59.	5.
3504	0000	-776	37.9803	80.0394		MPO	0.5	1.6	4.9	2.86	0.32	8.89	1074.	59.	4.
3505	0000	-777	37.9802	80.0388		MPO	0.5	1.6	4.9	3.26	0.33	9.74	1086.	58.	4.
3506	0000	-776	37.9802	80.0382		MPO	0.5	1.8	4.9	3.41	0.36	9.52	1109.	57.	3.
3507	0000	-776	37.9802	80.0377		MPO	0.5	1.8	4.6 -	3.66	0.40 +	9.15	1108.	58.	4.
3508	0000	-777	37.9802	80.0370		MPO	0.6	1.7	4.5 -	3.14	0.38 +	8.21	1098.	57.	4.
3509	0000	-777	37.9802	80.0365		MPO	0.5	1.6	4.5 -	2.89	0.35	8.30	1100.	57.	5.
3510	0000	-777	37.9802	80.0359		MPO	0.5	1.7	4.5 -	3.20	0.38 +	8.38	1130.	55.	6.
3511	0000	-778	37.9802	80.0354		MPO	0.6	1.7	4.2 -	2.95	0.42 +	7.10 -	1160.	57.	7.
3512	0000	-778	37.9802	80.0347		MPO	0.6	1.6	4.2 -	2.51	0.39 +	6.44 -	1189.	56.	7.
3513	0000	-778	37.9802	80.0342		MPO	0.6	1.8	4.7	3.07	0.39 +	7.90	1199.	57.	7.
3514	0000	-777	37.9802	80.0337		MPO	0.7	1.7	4.8	2.58	0.36	7.20 -	1217.	57.	7.
3515	0000	-778	37.9802	80.0331		MPO	0.7	1.8	4.8	2.74	0.38 +	7.14 -	1235.	59.	7.
3516	0000	-779	37.9802	80.0325		MPO	0.7	2.0	5.1	2.98	0.39 +	7.54 -	1267.	57.	7.
3517	0000	-779	37.9802	80.0319		MPO	0.7	2.0	5.4	2.92	0.37 +	7.82	1289.	57.	7.
3518	0000	-779	37.9802	80.0314		MPO	0.7	1.9	5.8	2.68	0.33	8.15	1312.	55.	6.
3519	0000	-780	37.9802	80.0308		MPO	0.7	2.0	6.5	2.84	0.31	9.20	1325.	54.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3520	0000	-780	37.9802	80.0302	MPO	0.7	1.9	6.3	2.62	0.29	8.92	1328.	54.	6.
3521	0000	-778	37.9802	80.0296	MPO	0.7	1.9	6.3	2.83	0.31	9.18	1331.	53.	5.
3522	0000	-778	37.9801	80.0290	MPO	0.7	1.8	6.7	2.64	0.27	9.91	1332.	53.	5.
3523	0000	-778	37.9801	80.0284	MPO	0.7	1.8	6.9	2.75	0.26	10.51	1326.	55.	5.
3524	0000	-779	37.9801	80.0279	MPO	0.6	1.7	7.1	2.65	0.24	11.18	1312.	55.	5.
3525	0000	-779	37.9801	80.0273	MPO	0.6	1.7	7.4	2.85	0.24	12.07	1294.	56.	5.
3526	0000	-779	37.9801	80.0268	MPO	0.6	1.8	7.0	3.03	0.26	11.82	1271.	57.	6.
3527	0000	-779	37.9801	80.0262	MPO	0.6	1.8	7.3	2.74	0.24	11.25	1294.	57.	6.
3528	0000	-780	37.9801	80.0256	MPO	0.6	1.8	7.3	2.79	0.24	11.56	1317.	56.	6.
3529	0000	-781	37.9801	80.0250	MPO	0.6	2.0	7.1	3.30	0.29	11.54	1325.	58.	6.
3530	0000	-780	37.9801	80.0244	MPO	0.7	1.8	6.9	2.60	0.26	9.89	1343.	57.	7.
3531	0000	-780	37.9801	80.0239	MPO	0.7	1.9	6.4	2.61	0.29	8.96	1345.	57.	7.
3532	0000	-781	37.9801	80.0233	MPO	0.7	2.0	5.9	2.87	0.33	8.61	1332.	56.	6.
3533	0000	-780	37.9800	80.0227	MPO	0.7	1.7	5.8	2.39	0.30	8.06	1312.	58.	6.
3534	0000	-780	37.9800	80.0221	MPO	0.7	1.7	5.0	2.43	0.34	7.17 -	1259.	59.	6.
3535	0000	-780	37.9800	80.0215	MPO	0.7	1.7	4.9	2.35	0.36	6.61 -	1229.	60.	5.
3536	0000	-780	37.9800	80.0210	MPO	0.8	1.6	4.8	1.90	0.34	5.66 --	1251.	58.	5.
3537	0000	-781	37.9800	80.0204	MPO	0.9	1.5	4.8	1.73 -	0.32	5.44 --	1256.	61.	5.
3538	0000	-780	37.9800	80.0199	DHS-1	1.0	1.6	5.1 -	1.63	0.30	5.36 -	1326.	63.	6.
3539	0000	-779	37.9800	80.0193	DHS-1	1.2 +	1.7	5.6	1.44 -	0.30	4.81 -	1433.	64.	7.
3540	0000	-780	37.9800	80.0187	DHS-1	1.3 +	1.9 +	5.7	1.54 -	0.34 +	4.56 -	1563.	61.	8.
3541	0000	-781	37.9800	80.0182	DHS-1	1.4 ++	2.0 +	6.5	1.42 -	0.30	4.66 -	1661.	60.	9.
3542	0000	-781	37.9800	80.0175	DHS-1	1.5 ++	1.8	7.2 +	1.19 -	0.24	4.89 -	1764.	57.	10.
3543	0000	-780	37.9800	80.0170	DHS-1	1.5 ++	1.5	7.9 +	0.98 --	0.19 -	5.19 -	1869.	56.	11.
3544	0000	-779	37.9799	80.0164	DHS-2	1.6 +	1.8 -	8.6	1.09 -	0.21 -	5.26 -	1980.	54.	12.
3545	0000	-780	37.9799	80.0158	DHS-2	1.8 +	1.6 -	9.0	0.87 -	0.17 -	4.99 -	2070.	52.	13.
3546	0000	-781	37.9799	80.0152	DHS-2	1.7 +	1.8 -	9.3	1.03 -	0.19 -	5.43 -	2120.	51.	14.
3547	0000	-780	37.9799	80.0146	DHS-2	1.8 +	1.5 --	9.5	0.82 -	0.16 --	5.26 -	2181.	52.	15.
3548	0000	-781	37.9799	80.0141	DHS-2	1.8 +	1.3 --	9.7	0.72 --	0.14 --	5.29 -	2245.	53.	15.
3549	0000	-781	37.9799	80.0135	DHS-2	1.8 +	1.6 -	9.4	0.88 -	0.17 -	5.17 -	2241.	56.	15.
3550	0000	-781	37.9799	80.0130	DHS-2	1.8 +	1.9	8.9	1.08 -	0.22	4.99 -	2200.	59.	14.
3551	0000	-781	37.9799	80.0124	DHS-2	1.7 +	2.1	8.3 -	1.29	0.26	5.02 -	2129.	58.	13.
3552	0000	-781	37.9799	80.0118	DHS-2	1.5	2.3	8.3 -	1.54	0.28	5.48 -	2060.	57.	11.
3553	0000	-779	37.9799	80.0112	DHS-2	1.5	2.1	8.0 -	1.41	0.26	5.37 -	1991.	55.	11.
3554	0000	-778	37.9799	80.0107	DHS-2	1.4	2.5	8.2 -	1.79	0.30 +	5.93	1917.	53.	9.
3555	0000	-779	37.9798	80.0101	DCH	1.3	2.4	8.1	1.84	0.30	6.17	1856.	53.	9.
3556	0000	-781	37.9798	80.0095	DCH	1.3	2.3	8.0	1.76	0.28	6.27	1818.	53.	9.
3557	0000	-780	37.9798	80.0089	DCH	1.3	2.2	8.1	1.70	0.27	6.38	1814.	50.	9.
3558	0000	-781	37.9798	80.0084	DCH	1.3 +	2.0	8.5	1.48	0.23	6.34	1832.	51.	9.
3559	0000	-782	37.9798	80.0078	DCH	1.3	1.9	8.8	1.46	0.22	6.74	1833.	51.	9.
3560	0000	-782	37.9798	80.0073	DCH	1.3	1.8	8.6	1.32 -	0.20 •	6.46	1880.	54.	10.
3561	0000	-781	37.9798	80.0067	DCH	1.3 +	1.6	9.1	1.20 -	0.18 -	6.81	1911.	54.	11.
3562	0000	-781	37.9798	80.0061	DCH	1.3	1.7	9.6	1.36 -	0.18 -	7.53	1925.	54.	10.
3563	0000	-782	37.9798	80.0055	DCH	1.2	1.9	10.0	1.56	0.19	8.04	1953.	55.	9.
3564	0000	-784	37.9798	80.0049	DCH	1.3	1.9	10.4	1.43 -	0.18 -	7.89	2005.	55.	9.
3565	0000	-782	37.9798	80.0044	DCH	1.3	2.1	11.1 +	1.69	0.19	8.73	2054.	56.	9.
3566	0000	-781	37.9798	80.0038	DCH	1.3	2.3	10.7	1.69	0.21	8.06	2068.	56.	8.
3567	0000	-782	37.9798	80.0032	DCH	1.3 +	2.3	11.0	1.74	0.21	8.16	2037.	54.	7.
3568	0000	-782	37.9798	80.0026	DCH	1.3	2.4	10.1	1.84	0.24	7.72	1996.	55.	7.
3569	0000	-783	37.9798	80.0020	DCH	1.3	2.4	10.1	1.84	0.24	7.72	1996.	55.	7.
3570	0000	-784	37.9798	80.0015	DCH	1.3	2.4	10.1	1.84	0.24	7.72	1996.	55.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 20, DAY 292

* ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	* GROSS CPS	COS CPS	UAIR CPS *
3571	0000	-782	37.9798	80.0009	DCH	1.3	2.4	10.1	1.84	0.24	7.72	1996.	55.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-834	37.8893	80.0011	DLMU-1	0.2 -	1.5	2.9	8.56 +	0.50	17.03 +	809.	44.	10.
2	0000	-834	37.8893	80.0016	DLMU-1	0.2 -	1.5	2.9	8.56 +	0.50	17.03 +	809.	44.	10.
3	0000	-835	37.8893	80.0020	DLMU-1	0.2 -	1.5	2.9	8.56 +	0.50	17.03 +	809.	44.	10.
4	0000	-835	37.8893	80.0025	DLMU-1	0.2 -	1.5	2.9	8.56 +	0.50	17.03 +	809.	44.	10.
5	0000	-835	37.8893	80.0030	DB-1	0.2	1.6 +	3.0	6.95 +	0.53	13.05 +	825.	45.	9.
6	0000	-836	37.8893	80.0034	DB-1	0.3	1.6 +	3.0	6.16 +	0.53	11.59	877.	45.	9.
7	0000	-836	37.8892	80.0038	DB-1	0.3	1.6 +	3.2 +	4.90	0.49	9.97	940.	46.	10.
8	0000	-835	37.8892	80.0043	DB-1	0.4	1.9 +	3.6 +	5.03	0.54	9.39	1040.	46.	9.
9	0000	-835	37.8892	80.0047	DB-2	0.5 -	2.1	4.2 --	4.10 ++	0.50 ++	8.18	1171.	46.	9.
10	0000	-836	37.8892	80.0052	DB-2	0.7 -	2.3	4.9 --	3.40 +	0.47 ++	7.29	1324.	46.	9.
11	0000	-835	37.8892	80.0056	DB-2	0.9	2.4	5.8 -	2.70	0.41 +	6.56	1488.	45.	9.
12	0000	-835	37.8892	80.0061	DB-2	1.0	2.5	6.4 -	2.39	0.39 +	6.16	1656.	48.	8.
13	0000	-835	37.8892	80.0065	DB-2	1.2	2.9 +	7.7	2.44	0.38 +	6.49	1813.	49.	7.
14	0000	-835	37.8892	80.0070	DB-2	1.4	3.1 +	8.8	2.32	0.36 +	6.50	1956.	46.	5.
15	0000	-836	37.8892	80.0074	DB-2	1.5	3.2 +	9.4	2.18	0.34 +	6.42	2067.	48.	5.
16	0000	-835	37.8892	80.0080	DB-2	1.5	3.1 +	10.0 +	2.00	0.31	6.47	2125.	51.	4.
17	0000	-835	37.8892	80.0084	DB-2	1.6 +	3.0 +	10.1 +	1.92	0.30	6.41	2173.	52.	4.
18	0000	-834	37.8891	80.0088	DB-2	1.6 +	3.0 +	9.9 +	1.91	0.30	6.38	2204.	54.	6.
19	0000	-833	37.8892	80.0094	DB-2	1.6 +	2.7 +	10.4 +	1.66	0.26	6.44	2240.	52.	7.
20	0000	-833	37.8892	80.0098	DB-2	1.6 +	2.5	10.1 +	1.54	0.25	6.22	2234.	51.	9.
21	0000	-833	37.8892	80.0102	DB-2	1.6 +	2.2	9.4	1.37	0.24	5.81	2200.	53.	11.
22	0000	-833	37.8892	80.0107	DB-2	1.6 +	2.0	9.1	1.22 -	0.22	5.62	2149.	52.	12.
23	0000	-834	37.8891	80.0112	DB-2	1.5	2.0	8.9	1.33	0.23	5.78	2109.	50.	13.
24	0000	-834	37.8891	80.0116	DB-2	1.5	1.7	8.9	1.09 -	0.19 -	5.86	2048.	51.	14.
25	0000	-833	37.8891	80.0120	DB-2	1.5	1.5 -	9.1	0.99 -	0.16 -	6.02	2007.	49.	15.
26	0000	-834	37.8891	80.0125	DB-2	1.4	1.6 -	9.0	1.10 -	0.18 -	6.25	1962.	49.	14.
27	0000	-835	37.8891	80.0129	DB-2	1.5	1.2 -	9.0	0.81 --	0.13 --	6.13	1936.	51.	15.
28	0000	-835	37.8891	80.0134	DB-2	1.4	1.2 -	9.5	0.89 -	0.13 --	6.81	1940.	50.	15.
29	0000	-836	37.8891	80.0138	DB-2	1.5	1.4 -	9.7 +	0.93 -	0.14 --	6.59	1984.	52.	15.
30	0000	-836	37.8891	80.0143	DB-2	1.6 +	1.2 -	9.6	0.79 --	0.13 --	6.16	1999.	51.	15.
31	0000	-836	37.8891	80.0148	DB-2	1.6 +	1.3 -	9.8 +	0.85 --	0.14 --	6.21	2019.	49.	15.
32	0000	-836	37.8891	80.0152	DB-2	1.6 +	1.7	9.4	1.09 -	0.18 -	6.03	2004.	49.	14.
33	0000	-836	37.8891	80.0157	DB-2	1.6 +	1.6	9.7 +	1.03 -	0.17 -	6.14	1995.	49.	13.
34	0000	-836	37.8890	80.0161	DB-2	1.5	2.0	9.9 +	1.34	0.21	6.55	2002.	51.	13.
35	0000	-836	37.8890	80.0166	DB-2	1.5	2.0	9.8 +	1.30	0.20	6.34	2012.	51.	12.
36	0000	-836	37.8891	80.0170	DB-2	1.4	1.9	9.9 +	1.36	0.19 -	7.00	1968.	50.	11.
37	0000	-836	37.8891	80.0175	DB-2	1.3	2.2	9.6	1.62	0.23	7.18	1913.	50.	9.
38	0000	-836	37.8891	80.0180	DB-2	1.3	2.4	9.2	1.94	0.26	7.34	1859.	50.	7.
39	0000	-837	37.8890	80.0184	DB-2	1.2	2.2	9.2	1.86	0.24	7.78	1797.	50.	5.
40	0000	-837	37.8890	80.0189	DB-2	1.1	2.6	8.3	2.37	0.31	7.64	1772.	52.	4.
41	0000	-837	37.8890	80.0193	DB-2	1.1	2.5	7.9	2.29	0.32	7.14	1742.	51.	3.
42	0000	-838	37.8890	80.0198	DB-2	1.0	2.8 +	7.5	2.65	0.37 +	7.20	1695.	52.	2.
43	0000	-837	37.8890	80.0202	DB-2	1.0	3.1 +	7.0	3.05 +	0.45 ++	6.82	1695.	53.	0.
44	0000	-837	37.8890	80.0207	DB-2	1.0	2.9 +	7.4	2.78 +	0.39 +	7.12	1700.	54.	1.
45	0000	-837	37.8890	80.0212	DB-2	1.0	2.7 +	7.6	2.61	0.36 +	7.22	1719.	56.	2.
46	0000	-837	37.8890	80.0216	DB-2	1.1	2.5	7.8	2.31	0.33	7.08	1757.	60.	3.
47	0000	-837	37.8890	80.0221	DB-2	1.1	2.4	8.5	2.11	0.28	7.57	1747.	58.	4.
48	0000	-838	37.8890	80.0225	DB-2	1.1	2.3	8.6	2.14	0.27	7.84	1740.	56.	6.
49	0000	-839	37.8890	80.0230	DB-2	1.1	2.3	8.6	2.09	0.27	7.71	1764.	55.	8.
50	0000	-838	37.8889	80.0234	DB-2	1.1	1.8	8.9	1.58	0.20 -	8.00	1740.	56.	9.
51	0000	-838	37.8889	80.0239	DB-2	1.1	1.7	8.9	1.57	0.20 -	7.99	1747.	55.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-838	37.8889	80.0243	DB-2	1.1	1.7	8.6	1.46	0.19 -	7.57	1771.	54.	11.
53	0000	-838	37.8889	80.0248	DB-2	1.2	1.9	8.7	1.66	0.22	7.57	1802.	51.	12.
54	0000	-838	37.8889	80.0253	DB-2	1.2	1.9	9.0	1.56	0.21	7.32	1858.	50.	11.
55	0000	-838	37.8889	80.0257	DB-2	1.3	2.1	9.1	1.61	0.23	7.09	1916.	48.	11.
56	0000	-839	37.8889	80.0262	DB-2	1.4	1.9	9.6	1.41	0.20	6.96	1992.	48.	11.
57	0000	-839	37.8889	80.0266	DB-2	1.5	2.1	9.7 +	1.46	0.22	6.68	2059.	49.	11.
58	0000	-839	37.8889	80.0271	DB-2	1.5	2.3	9.9 +	1.58	0.23	6.81	2103.	49.	10.
59	0000	-840	37.8889	80.0275	DB-2	1.5	2.6	10.2 +	1.79	0.25	7.03	2123.	49.	9.
60	0000	-839	37.8889	80.0280	DB-2	1.5	2.7 +	10.2 +	1.80	0.26	6.84	2116.	49.	8.
61	0000	-839	37.8889	80.0285	DB-2	1.5	2.7 +	9.6	1.86	0.28	6.55	2078.	51.	7.
62	0000	-840	37.8889	80.0289	DB-2	1.4	2.5	9.7 +	1.79	0.26	6.84	2038.	53.	7.
63	0000	-839	37.8889	80.0294	DB-2	1.3	2.4	9.4	1.80	0.26	7.04	1939.	53.	6.
64	0000	-839	37.8889	80.0298	DB-2	1.3	2.5	8.9	1.97	0.28	7.09	1879.	54.	5.
65	0000	-840	37.8889	80.0303	DB-2	1.3	2.4	8.6	1.80	0.27	6.58	1838.	55.	5.
66	0000	-839	37.8888	80.0307	DB-2	1.3	2.0	8.5	1.58	0.24	6.66	1795.	55.	5.
67	0000	-839	37.8888	80.0312	DB-2	1.2	1.9	8.2	1.57	0.23	6.90	1761.	58.	5.
68	0000	-839	37.8888	80.0316	DB-2	1.2	1.7	8.5	1.46	0.21	7.09	1739.	58.	5.
69	0000	-839	37.8888	80.0321	DB-2	1.2	1.8	8.0	1.54	0.22	6.92	1685.	58.	5.
70	0000	-839	37.8888	80.0325	DB-2	1.1	1.7	8.4	1.50	0.20 -	7.56	1651.	57.	4.
71	0000	-839	37.8888	80.0330	DB-2	1.1	1.6 -	8.3	1.46	0.19 -	7.56	1614.	57.	4.
72	0000	-838	37.8888	80.0335	DB-2	1.1	1.7	8.1	1.60	0.21	7.63	1590.	56.	3.
73	0000	-838	37.8888	80.0339	DB-2	1.1	1.7	7.6	1.64	0.23	7.22	1558.	54.	2.
74	0000	-839	37.8888	80.0343	DB-2	1.1	1.7	7.7	1.64	0.23	7.29	1541.	53.	3.
75	0000	-840	37.8888	80.0349	DB-2	1.0	1.8	7.6	1.73	0.23	7.38	1536.	54.	2.
76	0000	-840	37.8888	80.0353	DB-2	1.0	2.0	7.5	1.89	0.26	7.28	1554.	56.	2.
77	0000	-841	37.8887	80.0357	DB-2	1.1	2.1	6.8	1.90	0.30	6.26	1576.	55.	2.
78	0000	-841	37.8887	80.0362	DB-2	1.1	2.1	7.3	2.01	0.29	6.87	1609.	55.	1.
79	0000	-841	37.8887	80.0367	DB-2	1.2	2.1	8.1	1.78	0.26	6.96	1644.	54.	1.
80	0000	-842	37.8887	80.0371	DB-2	1.1	2.3	8.5	2.01	0.27	7.39	1697.	58.	1.
81	0000	-842	37.8888	80.0376	DB-2	1.3	2.5	8.3	1.94	0.30	6.52	1785.	57.	1.
82	0000	-843	37.8887	80.0380	DB-2	1.3	2.1	8.8	1.61	0.24	6.72	1845.	56.	3.
83	0000	-842	37.8887	80.0385	DB-2	1.4	1.9	9.6	1.29	0.19 -	6.64	1927.	56.	4.
84	0000	-842	37.8887	80.0389	DB-2	1.5	1.9	10.1 +	1.24 -	0.19 -	6.63	1981.	59.	6.
85	0000	-842	37.8887	80.0394	DB-2	1.6 +	1.4 -	10.1 +	0.92 -	0.14 --	6.43	2006.	60.	9.
86	0000	-842	37.8887	80.0398	DB-2	1.4	1.5 -	9.9 +	1.02 -	0.15 --	6.96	2009.	59.	10.
87	0000	-842	37.8887	80.0403	DB-2	1.5	1.1 -	10.0 +	0.78 --	0.11 ---	6.89	1985.	56.	13.
88	0000	-842	37.8887	80.0407	DB-2	1.4	0.7 --	9.9 +	0.51 ---	0.07 ---	7.14	1921.	56.	14.
89	0000	-842	37.8887	80.0412	DB-2	1.3	1.0 --	9.6	0.77 --	0.11 ---	7.23	1870.	56.	14.
90	0000	-842	37.8887	80.0416	DB-2	1.2	1.0 --	9.1	0.82 --	0.11 ---	7.47	1795.	55.	15.
91	0000	-841	37.8887	80.0421	DB-2	1.1	0.8 --	9.2	0.69 --	0.09 ---	8.03	1736.	52.	14.
92	0000	-841	37.8887	80.0425	DB-2	1.1	1.1 --	8.5	0.93 -	0.12 --	7.50	1694.	52.	13.
93	0000	-841	37.8886	80.0431	DB-2	1.2	1.0 --	8.2	0.87 --	0.12 --	7.04	1635.	56.	12.
94	0000	-841	37.8886	80.0435	DB-2	1.2	1.0 --	7.9	0.84 --	0.12 --	6.86	1611.	56.	11.
95	0000	-841	37.8886	80.0439	DB-2	1.1	1.1 -	8.2	1.00 -	0.14 --	7.21	1595.	56.	10.
96	0000	-840	37.8886	80.0444	DB-2	1.1	1.2 -	8.1	1.09 -	0.15 -	7.07	1598.	55.	10.
97	0000	-841	37.8886	80.0449	DB-2	1.2	1.3 -	8.1	1.11 -	0.16 -	6.94	1623.	56.	9.
98	0000	-842	37.8886	80.0453	DB-2	1.2	1.5 -	8.1	1.28 -	0.18 -	6.96	1661.	57.	8.
99	0000	-842	37.8886	80.0457	DB-2	1.2	1.2 -	8.7	0.98 -	0.14 --	7.06	1719.	56.	9.
100	0000	-843	37.8886	80.0462	DB-2	1.3	1.2 -	9.1	0.93 -	0.14 --	6.77	1827.	54.	10.
101	0000	-843	37.8886	80.0467	DB-2	1.4	1.5 -	9.6	1.07 -	0.15 -	6.99	1928.	55.	10.
102	0000	-842	37.8886	80.0471	DB-2	1.4	1.5 -	9.8 +	1.10 -	0.16 -	7.03	1993.	56.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT, LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-843	37.8886	80.0476	DB-2	1.4	1.4 -	9.8 +	0.98 -	0.14 --	6.81	2021.	57.	10.
104	0000	-843	37.8885	80.0480	DB-2	1.4	1.5 -	9.9 +	1.06 -	0.15 -	6.93	2029.	57.	9.
105	0000	-842	37.8885	80.0485	DB-2	1.4	1.7	9.7 +	1.23 -	0.17 -	7.04	2015.	58.	9.
106	0000	-841	37.8885	80.0489	DB-2	1.3	2.3	9.4	1.74	0.24	7.20	1992.	58.	7.
107	0000	-840	37.8886	80.0494	DB-2	1.3	2.3	9.1	1.83	0.25	7.24	1935.	57.	5.
108	0000	-841	37.8886	80.0499	DB-2	1.3	2.3	8.8	1.77	0.26	6.88	1898.	56.	5.
109	0000	-842	37.8885	80.0503	DB-2	1.2	2.3	8.9	1.88	0.26	7.20	1874.	56.	4.
110	0000	-842	37.8885	80.0508	DB-2	1.2	2.7	9.4	2.21	0.28	7.83	1896.	55.	3.
111	0000	-841	37.8885	80.0513	DB-2	1.2	2.6	9.5	2.16	0.28	7.83	1916.	55.	3.
112	0000	-841	37.8885	80.0516	DB-2	1.3	2.6	9.7 +	1.99	0.26	7.59	1938.	54.	3.
113	0000	-841	37.8885	80.0521	DB-2	1.3	2.5	9.8 +	1.85	0.25	7.39	1945.	55.	3.
114	0000	-841	37.8885	80.0526	DB-2	1.3	2.4	9.9 +	1.85	0.25	7.53	1965.	56.	3.
115	0000	-841	37.8885	80.0531	DB-2	1.3	2.4	10.1 +	1.88	0.24	7.91	1950.	57.	3.
116	0000	-840	37.8885	80.0535	DB-2	1.3	2.3	10.0 +	1.80	0.23	7.71	1942.	55.	3.
117	0000	-840	37.8885	80.0540	DB-2	1.3	2.1	9.7 +	1.60	0.22	7.37	1920.	54.	4.
118	0000	-840	37.8885	80.0544	DB-2	1.3	2.0	9.7 +	1.60	0.21	7.58	1901.	54.	3.
119	0000	-839	37.8885	80.0549	DCH	1.3	2.0	9.5	1.62	0.21	7.53	1902.	56.	5.
120	0000	-839	37.8885	80.0553	DCH	1.2	2.1	9.9	1.67	0.21	8.09	1928.	55.	6.
121	0000	-840	37.8885	80.0558	DCH	1.2	2.1	10.3	1.73	0.21	8.39	1946.	58.	6.
122	0000	-839	37.8885	80.0562	DCH	1.2	2.1	10.1	1.69	0.21	8.18	1948.	59.	7.
123	0000	-839	37.8885	80.0567	DCH	1.2	2.2	10.0	1.85	0.22	8.34	1934.	63.	7.
124	0000	-840	37.8885	80.0572	DCH	1.2	2.1	9.9	1.79	0.21	8.35	1914.	65.	6.
125	0000	-840	37.8884	80.0576	DCH	1.1	2.3	9.5	2.03	0.24	8.51	1867.	68.	5.
126	0000	-840	37.8884	80.0580	DCH	1.0	2.3	9.4	2.25	0.25	9.14	1806.	68.	4.
127	0000	-841	37.8884	80.0585	DCH	1.0	2.4	8.9	2.38	0.26	9.00	1737.	69.	3.
128	0000	-842	37.8884	80.0590	DCH	0.9	2.2	8.8	2.33	0.25	9.30	1670.	67.	3.
129	0000	-841	37.8884	80.0594	DCH	0.8	2.3	8.9	2.76	0.26	10.56	1632.	68.	3.
130	0000	-842	37.8884	80.0598	DCH	0.9	2.2	8.7	2.54	0.25	10.11	1623.	65.	5.
131	0000	-843	37.8884	80.0604	DCH	0.8	2.4	8.2	2.97	0.29	10.25	1601.	65.	6.
132	0000	-843	37.8884	80.0608	DCH	0.8	2.3	8.3	2.90	0.28	10.44	1618.	63.	7.
133	0000	-844	37.8884	80.0613	DCH	0.8	2.2	8.6	2.72	0.25	10.66	1634.	62.	8.
134	0000	-843	37.8884	80.0617	DCH	0.8	2.0	9.0	2.50	0.22	11.26	1660.	63.	9.
135	0000	-843	37.8884	80.0622	DCH	0.8	2.1	9.2	2.77	0.23	12.00	1700.	63.	9.
136	0000	-844	37.8883	80.0626	DCH	0.8	2.3	8.9	2.81	0.26	10.94	1743.	63.	8.
137	0000	-844	37.8883	80.0630	DCH	0.8	2.3	9.2	2.90	0.26	11.31	1775.	62.	7.
138	0000	-844	37.8884	80.06[redacted]	DCH	0.9	2.4	10.0	2.74	0.24	11.52	1832.	61.	6.
139	0000	-845	37.8884	80.06[redacted]	DCH	0.9	2.4	10.4	2.54	0.23	11.29	1860.	61.	6.
140	0000	-844	37.8884	80.064[redacted]	DCH	1.0	2.4	10.4	2.33	0.23	10.15	1915.	60.	6.
141	0000	-843	37.8884	80.0648	DCH	1.0	2.7 +	10.4	2.63	0.26	10.02	1970.	57.	6.
142	0000	-844	37.8883	80.0654	DCH	1.2	2.5	10.5	2.18	0.24	8.99	2026.	56.	7.
143	0000	-844	37.8883	80.0658	DCH	1.2	2.5	10.9	2.04	0.23	8.98	2050.	57.	8.
144	0000	-844	37.8883	80.0662	DCH	1.3	2.2	10.8	1.73	0.21	8.31	2036.	57.	10.
145	0000	-844	37.8883	80.0667	DCH	1.3	2.1	10.5	1.57	0.20	7.97	1998.	56.	11.
146	0000	-843	37.8883	80.0672	DCH	1.4 +	1.7	9.9	1.27 -	0.17 -	7.27	1967.	56.	12.
147	0000	-842	37.8882	80.0676	DCH	1.3 +	1.6	9.4	1.16 -	0.16 -	7.03	1917.	57.	12.
148	0000	-842	37.8882	80.0680	DCH	1.4 +	1.2 -	8.8	0.86 --	0.14 --	6.22	1841.	58.	12.
149	0000	-841	37.8882	80.0686	DCH	1.3	1.4 -	8.3	1.03 -	0.16 -	6.27	1722.	56.	11.
150	0000	-842	37.8883	80.0690	DCH	1.3	1.1 -	7.4	0.86 --	0.15 -	5.72 -	1599.	53.	10.
151	0000	-843	37.8883	80.0694	DCH	1.2	1.3 -	6.9	1.15 -	0.19 -	5.96 -	1501.	53.	8.
152	0000	-842	37.8882	80.0699	DCH	1.1	1.4 -	6.1	1.27 -	0.23	5.56 -	1425.	55.	6.
153	0000	-841	37.8882	80.0704	DCH	1.0	1.4	5.8	1.44 -	0.24	5.92 -	1331.	55.	4.

CP 9 LP 12

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-841	37.8882	80.0708	DCH	0.9	1.5	5.6	1.65	0.26	6.36	1248.	54.	3.
155	0000	-841	37.8882	80.0712	DCH	0.7	1.6	5.1 -	2.18	0.31	6.97	1163.	54.	2.
156	0000	-841	37.8882	80.0717	DCH	0.7	1.6	4.3 -	2.35	0.37 +	6.39	1092.	59.	2.
157	0000	-842	37.8882	80.0722	DCH	0.6	1.8	4.2 -	3.07	0.43 ++	7.15	1057.	61.	2.
158	0000	-841	37.8882	80.0726	DCH	0.6 -	1.9	4.1 -	3.18	0.45 ++	7.08	1038.	61.	2.
159	0000	-841	37.8882	80.0731	DCH	0.6 -	1.8	4.3 -	3.17	0.41 +	7.64	1007.	62.	3.
160	0000	-841	37.8882	80.0735	DCH	0.5 -	2.0	3.9 -	3.57 +	0.50 ++	7.19	999.	63.	3.
161	0000	-841	37.8882	80.0740	DCH	0.5 -	2.0	3.9 -	3.58 +	0.50 ++	7.22	990.	64.	4.
162	0000	-841	37.8882	80.0744	DCH	0.6	1.8	4.1 -	2.95	0.43 ++	6.92	1007.	64.	5.
163	0000	-841	37.8882	80.0749	DCH	0.7	1.8	4.7 -	2.75	0.39 +	7.01	1083.	62.	5.
164	0000	-842	37.8882	80.0753	DCH	0.8	1.6	5.4 -	2.08	0.29	7.19	1166.	61.	6.
165	0000	-842	37.8882	80.0758	DCH	0.8	1.7	6.2	2.15	0.28	7.76	1288.	62.	6.
166	0000	-841	37.8882	80.0763	DCH	0.9	1.7	7.2	1.93	0.24	8.00	1444.	59.	6.
167	0000	-841	37.8882	80.0767	DCH	1.0	1.6	8.5	1.56	0.18 -	8.43	1597.	61.	8.
168	0000	-841	37.8881	80.0772	DCH	1.1	2.0	10.0	1.84	0.20	9.21	1782.	60.	7.
169	0000	-841	37.8881	80.0776	DCH	1.1	2.3	10.9	2.01	0.21	9.59	1913.	61.	7.
170	0000	-840	37.8881	80.0782	DCH	1.1	2.3	11.3 +	2.04	0.20	9.97	1993.	60.	8.
171	0000	-840	37.8881	80.0786	DCH	1.2	2.2	11.4 +	1.88	0.20	9.59	2048.	61.	9.
172	0000	-840	37.8881	80.0790	DB-2	1.3	1.9	11.4 ++	1.49	0.16 -	9.13	2045.	59.	11.
173	0000	-839	37.8881	80.0795	DB-2	1.2	2.1	11.2 ++	1.70	0.18 -	9.29	1994.	60.	10.
174	0000	-839	37.8880	80.0799	DB-2	1.2	2.3	10.4 +	1.96	0.22	9.05	1938.	58.	10.
175	0000	-839	37.8881	80.0804	DB-2	1.1	1.8	9.2	1.60	0.20	7.99	1838.	62.	11.
176	0000	-838	37.8881	80.0808	DB-2	1.1	1.6 -	8.8	1.37	0.18 -	7.68	1797.	61.	11.
177	0000	-840	37.8881	80.0813	DB-2	1.1	1.8	8.9	1.60	0.20 -	8.12	1762.	61.	11.
178	0000	-841	37.8881	80.0817	DB-2	1.1	2.1	8.8	1.94	0.24	8.23	1761.	62.	10.
179	0000	-842	37.8880	80.0822	DB-2	1.1	2.3	8.8	2.11	0.26	8.15	1779.	62.	10.
180	0000	-843	37.8880	80.0827	DB-2	1.1	2.2	8.7	2.00	0.26	7.77	1825.	60.	11.
181	0000	-843	37.8880	80.0831	DB-2	1.2	2.2	9.2	1.76	0.24	7.47	1899.	59.	11.
182	0000	-843	37.8880	80.0835	DB-2	1.3	2.3	9.6	1.79	0.24	7.61	1967.	57.	11.
183	0000	-843	37.8880	80.0840	DB-2	1.3	2.2	9.2	1.65	0.24	6.84	2057.	57.	12.
184	1000	-843	37.8880	80.0845	DB-2	1.5	1.8	8.7	1.25 -	0.21	5.93	2136.	60.	14.
185	1000	-842	37.8880	80.0849	DB-2	1.6 +	1.4 -	9.2	0.88 --	0.15 --	5.83	2170.	59.	15.
186	1000	-842	37.8880	80.0854	DB-2	1.6 +	1.2 -	9.3	0.76 --	0.13 --	5.97	2176.	59.	15.
187	1000	-842	37.8880	80.0859	DB-2	1.5	1.2 -	9.2	0.80 --	0.13 --	6.05	2141.	61.	15.
188	1000	-842	37.8880	80.0863	DB-2	1.5	1.2 -	8.8	0.80 --	0.13 --	6.03	2062.	62.	15.
189	0000	-843	37.8880	80.0868	DB-2	1.4	1.2 -	8.2	0.86 --	0.15 --	5.89	1962.	61.	14.
190	0000	-842	37.8879	80.0872	DB-2	1.3	1.1 -	8.4	0.85 --	0.13 --	6.43	1814.	61.	12.
191	0000	-841	37.8879	80.0877	DB-2	1.2	1.1 -	8.7	0.90 -	0.13 --	7.02	1716.	58.	10.
192	0000	-840	37.8880	80.0881	DB-2	1.1	1.1 -	7.8	1.26 -	0.18	6.83	1645.	58.	8.
193	0000	-840	37.8880	80.0886	DB-2	1.2	1.7	7.7	1.43	0.22	6.54	1627.	60.	6.
194	0000	-840	37.8880	80.0891	DB-2	1.2	1.8	8.0	1.46	0.23	6.46	1666.	60.	5.
195	0000	-839	37.8879	80.0895	DB-2	1.3	2.1	8.3	1.62	0.25	6.54	1738.	60.	3.
196	0000	-839	37.8879	80.0899	DB-2	1.4	2.4	9.2	1.72	0.26	6.64	1848.	59.	3.
197	0000	-840	37.8879	80.0904	DB-2	1.5	2.8 +	9.6	1.94	0.29	6.58	1962.	58.	2.
198	0000	-839	37.8879	80.0909	DB-2	1.5	3.2 ++	10.1 +	2.12	0.32	6.71	2049.	58.	1.
199	0000	-840	37.8879	80.0913	DB-2	1.6 +	3.5 ++	10.7 +	2.15	0.33	6.57	2156.	58.	1.
200	0000	-841	37.8879	80.0917	DB-2	1.7 +	3.3 ++	11.4 ++	1.88	0.29	6.51	2237.	54.	1.
201	0000	-839	37.8879	80.0922	DB-2	1.8 +	3.3 ++	12.4 ++	1.80	0.26	6.82	2305.	51.	2.
202	0000	-838	37.8879	80.0927	DB-2	1.9 +	3.3 ++	12.6 ++	1.79	0.26	6.80	2341.	54.	2.
203	0000	-839	37.8879	80.0931	DB-2	1.9 +	3.1 +	12.3 ++	1.62	0.25	6.52	2340.	54.	2.
204	0000	-839	37.8879	80.0936	DB-2	1.8 +	2.7 +	12.2 ++	1.49	0.22	6.63	2294.	53.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-839	37.8879	80.0941	DB-2	1.8 +	2.5	11.7 ++	1.42	0.22	6.52	2241.	53.	4.
206	0000	-839	37.8878	80.0945	DB-2	1.7 +	1.8	11.7 ++	1.08 -	0.16 -	6.91	2156.	52.	5.
207	0000	-838	37.8878	80.0949	DB-2	1.5	2.0	11.0 +	1.34	0.18 -	7.36	2100.	53.	6.
208	0000	-837	37.8878	80.0955	DB-2	1.4	1.6 -	10.1 +	1.10 -	0.16 -	7.03	2054.	52.	9.
209	0000	-837	37.8878	80.0959	DB-2	1.4	1.3 -	9.9 +	0.92 -	0.13 --	7.16	2032.	50.	11.
210	0000	-837	37.8878	80.0963	DB-2	1.4	1.1 -	10.2 +	0.81 --	0.11 ---	7.18	2060.	51.	13.
211	0000	-836	37.8878	80.0968	DB-2	1.6 +	0.9 --	10.9 +	0.54 ---	0.08 ---	6.67	2170.	51.	15.
212	0000	-837	37.8878	80.0973	DB-2	1.7 +	0.8 --	11.7 ++	0.51 ---	0.07 ---	7.02	2226.	50.	15.
213	0000	-836	37.8878	80.0978	DB-2	1.6 +	1.2 -	11.3 ++	0.75 --	0.11 ---	6.95	2223.	51.	15.
214	0000	-834	37.8879	80.0982	DB-2	1.7 +	1.2 -	10.9 +	0.73 --	0.11 ---	6.50	2180.	53.	14.
215	0000	-835	37.8879	80.0988	DB-2	1.6 +	1.5 -	10.3 +	0.89 -	0.14 --	6.26	2093.	54.	12.
216	0000	-835	37.8879	80.0993	DB-2	1.6 +	1.6 -	9.7 +	0.99 -	0.16 -	6.09	1999.	56.	9.
217	0000	-834	37.8880	80.0997	DB-2	1.5	1.7	9.4	1.15 -	0.18 -	6.45	1908.	56.	7.
218	0000	-833	37.8880	80.1002	DB-2	1.2	2.0	8.9	1.63	0.22	7.25	1809.	54.	5.
219	0000	-833	37.8880	80.1008	DB-2	1.2	2.0	8.1	1.68	0.25	6.72	1743.	55.	4.
220	0000	-832	37.8881	80.1012	DB-2	1.2	2.1	7.9	1.78	0.27	6.70	1714.	57.	4.
221	0000	-833	37.8881	80.1017	DB-2	1.2	2.1	8.0	1.76	0.26	6.85	1715.	59.	3.
222	0000	-834	37.8881	80.1022	DB-2	1.2	2.0	7.9	1.68	0.25	6.69	1739.	60.	4.
223	0000	-832	37.8881	80.1027	DB-2	1.2	2.0	8.3	1.65	0.24	6.84	1774.	59.	5.
224	0000	-832	37.8882	80.1032	DCH	1.3	1.9	8.1	1.53	0.24	6.38	1800.	58.	6.
225	0000	-833	37.8882	80.1037	DCH	1.3	1.8	8.2	1.35 -	0.22	6.22	1799.	59.	6.
226	0000	-834	37.8882	80.1042	DCH	1.3	1.9	7.8	1.47	0.25	5.95 -	1805.	57.	6.
227	0000	-833	37.8883	80.1047	DCH	1.3	2.0	8.1	1.52	0.25	6.11 -	1833.	56.	5.
228	0000	-833	37.8883	80.1052	DCH	1.3 +	2.3	8.4	1.69	0.27	6.29	1857.	53.	5.
229	0000	-833	37.8883	80.1057	DCH	1.3	2.4	8.4	1.93	0.29	6.65	1863.	54.	4.
230	0000	-832	37.8883	80.1062	DCH	1.2	2.5	8.4	2.01	0.30	6.72	1864.	53.	3.
231	0000	-832	37.8883	80.1067	DCH	1.3	2.5	8.5	1.97	0.29	6.78	1870.	53.	3.
232	0000	-832	37.8884	80.1072	DCH	1.3	2.6	8.6	2.09	0.30	6.87	1873.	55.	3.
233	0000	-832	37.8884	80.1077	DCH	1.3	2.4	8.7	1.88	0.28	6.73	1895.	57.	4.
234	0000	-832	37.8885	80.1082	DCH	1.4 +	2.2	9.3	1.53	0.23	6.53	1958.	57.	5.
235	0000	-831	37.8885	80.1086	DCH	1.5 +	2.0	9.5	1.35 -	0.21	6.46	2017.	57.	6.
236	0000	-831	37.8885	80.1091	DCH	1.6 +	2.0	10.6	1.24 -	0.19 -	6.52	2118.	54.	7.
237	0000	-831	37.8885	80.1097	DCH	1.8 ++	2.2	11.1 +	1.27 -	0.20	6.32	2184.	53.	6.
238	0000	-831	37.8885	80.1102	DCH	1.7 ++	2.5	11.2 +	1.45 -	0.22	6.47	2177.	53.	6.
239	0000	-832	37.8886	80.1107	DCH	1.7 +	2.6	11.0 +	1.56	0.24	6.58	2150.	52.	7.
240	0000	-830	37.8886	80.1111	DCH	1.6 +	2.5	11.0	1.56	0.23	6.74	2093.	50.	7.
241	0000	-830	37.8886	80.1116	DCH	1.5 +	2.5	9.9	1.65	0.25	6.61	1993.	48.	7.
242	0000	-831	37.8887	80.1121	DCH	1.4 +	2.4	9.1	1.71	0.26	6.55	1873.	52.	7.
243	0000	-830	37.8887	80.1126	DCH	1.2	2.0	8.0	1.61	0.25	6.44	1722.	52.	7.
244	0000	-830	37.8887	80.1131	DCH	1.1	1.7	7.6	1.62	0.23	7.06	1610.	50.	7.
245	0000	-830	37.8887	80.1136	DCH	1.0	1.5	7.2	1.56	0.21	7.32	1554.	51.	8.
246	0000	-828	37.8887	80.1140	DCH	1.0	1.3 -	7.0	1.25 -	0.18 -	6.98	1546.	52.	8.
247	0000	-828	37.8888	80.1146	DCH	1.0	1.4 -	8.0	1.33 -	0.17 -	7.62	1613.	53.	8.
248	0000	-829	37.8888	80.1151	DCH	1.2	1.5	8.3	1.30 -	0.18 -	7.07	1668.	54.	8.
249	0000	-829	37.8889	80.1156	DCH	1.3	1.5	9.2	1.19 -	0.17 -	7.15	1764.	53.	8.
250	0000	-829	37.8889	80.1161	DCH	1.4 +	1.8	9.7	1.29 -	0.18 -	7.06	1876.	52.	8.
251	0000	-829	37.8889	80.1166	DCH	1.5 +	1.9	10.4	1.25 -	0.18 -	6.96	2012.	54.	8.
252	0000	-828	37.8889	80.1171	DCH	1.6 +	2.0	11.0	1.26 -	0.19 -	6.78	2137.	53.	8.
253	0000	-828	37.8889	80.1175	DCH	1.7 +	2.4	10.9	1.40 -	0.22	6.40	2200.	53.	8.
254	0000	-828	37.8890	80.1180	DCH	1.7 +	2.5	10.2	1.46	0.24	6.03 -	2196.	53.	8.
255	0000	-829	37.8890	80.1186	DCH	1.6 +	2.6	10.4	1.62	0.25	6.35	2182.	53.	6.

VALUES AND STATISTICAL SIGNIFICANCES

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-830	37.8890	80.1191	DCH	1.6 +	2.9 +	10.0	1.86	0.29	6.33	2149.	51.	5.
257	0000	-830	37.8891	80.1196	DCH	1.5 +	3.0 +	9.7	1.97	0.31	6.32	2089.	52.	5.
258	0000	-830	37.8891	80.1200	DCH	1.5 +	3.0 +	9.0	2.01	0.33 +	6.06 -	1984.	54.	4.
259	0000	-830	37.8891	80.1205	DCH	1.4 +	2.7 +	8.8	1.95	0.31	6.31	1885.	55.	3.
260	0000	-830	37.8891	80.1210	DCH	1.3	2.8 +	8.8	2.18	0.31	6.99	1819.	54.	3.
261	0000	-831	37.8891	80.1215	DCH	1.2	2.6	8.6	2.16	0.30	7.12	1762.	55.	3.
262	0000	-830	37.8892	80.1220	DCH	1.2	2.8 +	8.5	2.40	0.32	7.42	1746.	54.	3.
263	0000	-829	37.8892	80.1225	DCH	1.1	2.5	8.7	2.20	0.29	7.60	1730.	58.	4.
264	0000	-830	37.8893	80.1229	DCH	1.1	2.2	8.3	1.89	0.26	7.25	1701.	59.	5.
265	0000	-830	37.8893	80.1235	DCH	1.1	2.0	8.5	1.84	0.24	7.78	1690.	57.	7.
266	0000	-830	37.8893	80.1240	DCH	1.1	1.8	7.9	1.66	0.23	7.20	1678.	57.	9.
267	0000	-830	37.8893	80.1245	DCH	1.1	1.6	7.6	1.39 -	0.21	6.70	1657.	56.	11.
268	0000	-829	37.8893	80.1250	DCH	1.1	1.6	7.4	1.47	0.22	6.74	1642.	58.	12.
269	0000	-829	37.8894	80.1254	DCH	1.1	1.4	7.2	1.33 -	0.20	6.67	1643.	58.	13.
270	0000	-830	37.8894	80.1260	DCH	1.1	1.5	7.0	1.39 -	0.21	6.54	1635.	57.	13.
271	0000	-830	37.8894	80.1264	DCH	1.0	1.7	7.7	1.64	0.21	7.66	1666.	57.	12.
272	0000	-830	37.8895	80.1269	DCH	1.1	1.8	7.7	1.67	0.23	7.23	1704.	57.	11.
273	0000	-829	37.8895	80.1275	DCH	1.1	2.2	8.1	2.12	0.27	7.70	1742.	57.	9.
274	0000	-828	37.8895	80.1280	DCH	1.1	2.7 +	8.6	2.45	0.32	7.68	1837.	57.	7.
275	0000	-828	37.8895	80.1284	DCH	1.2	2.7 +	9.2	2.28	0.30	7.65	1908.	56.	5.
276	0000	-827	37.8895	80.1289	DCH	1.2	2.7	9.4	2.19	0.28	7.70	1945.	58.	6.
277	0000	-827	37.8896	80.1294	DHS-2	1.3	2.8	9.9	2.19	0.28	7.82	2000.	56.	5.
278	0000	-827	37.8896	80.1299	DHS-2	1.4	2.7	9.9	1.97	0.28	7.09	2055.	55.	6.
279	0000	-826	37.8897	80.1304	DHS-2	1.5	2.7	10.1 +	1.84	0.27	6.90	2134.	53.	6.
280	0000	-826	37.8897	80.1309	DHS-2	1.5	2.4	10.2 +	1.59	0.24	6.64	2158.	55.	6.
281	0000	-826	37.8897	80.1313	DHS-2	1.5	2.3	10.2 +	1.50	0.22	6.77	2140.	56.	7.
282	0000	-827	37.8897	80.1319	DHS-2	1.5	2.5	10.0	1.70	0.25	6.83	2149.	55.	7.
283	0000	-827	37.8897	80.1324	DHS-2	1.5	2.6	10.3 +	1.69	0.25	6.76	2167.	53.	6.
284	0000	-827	37.8898	80.1329	DHS-2	1.5	2.6	9.8	1.73	0.27	6.54	2146.	54.	6.
285	0000	-827	37.8898	80.1334	DHS-2	1.4	2.7	9.6	1.87	0.28	6.68	2104.	55.	6.
286	0000	-827	37.8898	80.1339	DHS-2	1.4	3.0 +	9.5	2.23	0.32 +	7.00	2029.	56.	5.
287	0000	-827	37.8898	80.1344	DHS-2	1.3	3.2 +	9.6	2.43	0.34 +	7.25	2028.	53.	4.
288	0000	-828	37.8899	80.1349	DHS-2	1.3	3.2 +	9.7	2.45	0.33 +	7.37	2037.	52.	5.
289	0000	-828	37.8899	80.1354	DHS-2	1.3	2.9	9.7	2.13	0.30	7.21	2016.	52.	6.
290	0000	-829	37.8899	80.1358	DHS-2	1.3	2.6	9.8	2.02	0.27	7.61	1971.	53.	7.
291	0000	-829	37.8899	80.1364	DHS-2	1.3	2.5	9.7	1.94	0.26	7.61	1928.	53.	8.
292	0000	-828	37.8900	80.1368	DHS-2	1.3	2.3	9.5	1.79	0.24	7.47	1872.	53.	8.
293	0000	-827	37.8900	80.1373	DHS-2	1.2	1.9	8.7	1.63	0.22	7.28	1795.	53.	9.
294	0000	-827	37.8900	80.1378	DHS-2	1.1	1.7 -	8.2 -	1.56	0.21	7.28	1694.	56.	9.
295	0000	-827	37.8901	80.1383	DHS-1	1.1 +	1.6	7.4 +	1.48 -	0.21 -	7.03	1576.	57.	9.
296	0000	-827	37.8901	80.1389	DHS-1	1.0	1.6	6.9	1.64	0.23	7.21	1474.	59.	7.
297	0000	-828	37.8901	80.1393	DHS-1	0.9	1.6	6.7	1.77	0.24	7.41	1406.	59.	7.
298	0000	-828	37.8902	80.1398	MPO	0.8	1.5	6.6	1.82 -	0.24	7.72	1351.	61.	6.
299	0000	-827	37.8902	80.1403	MPO	0.7	1.7	6.5	2.25	0.26	8.71	1330.	62.	5.
300	0000	-827	37.8902	80.1408	MPO	0.8	1.5	6.6	1.91	0.23	8.36	1325.	60.	5.
301	0000	-827	37.8902	80.1413	MPO	0.8	1.5	6.6	1.88	0.23	8.25	1328.	58.	5.
302	0000	-827	37.8903	80.1418	MPO	0.8	1.6	6.6	1.94	0.24	8.06	1329.	58.	4.
303	0000	-827	37.8903	80.1423	MPO	0.9	1.4	6.5	1.68 -	0.22	7.69	1339.	58.	5.
304	0000	-827	37.8903	80.1427	MPO	0.8	1.7	6.3	1.96	0.26	7.46 -	1356.	57.	6.
305	0000	-827	37.8903	80.1433	MPO	0.8	1.7	6.0	2.06	0.28	7.28 -	1359.	53.	6.
306	0000	-826	37.8904	80.1438	MPO	0.8	1.7	5.7	2.06	0.30	6.78 -	1372.	54.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-827	37.8904	80.1443		MPO	0.8	1.8	6.0	2.15	0.30	7.23 -	1394.	53.	8.
308	0000	-827	37.8904	80.1447		MPO	0.9	1.9	6.3	2.17	0.30	7.33 -	1430.	53.	8.
309	0000	-827	37.8905	80.1453		MPO	0.9	1.7	6.4	1.93	0.26	7.31 -	1460.	54.	9.
310	0000	-828	37.8905	80.1457		MPO	0.9	1.6	6.9	1.80 -	0.24	7.56 -	1497.	52.	10.
311	0000	-828	37.8905	80.1462		MPO	1.0 +	1.6	7.0	1.61 -	0.23	7.14 -	1532.	52.	11.
312	0000	-827	37.8905	80.1467		MPO	1.0 +	1.6	7.2	1.61 -	0.23	7.07 -	1569.	55.	11.
313	0000	-826	37.8905	80.1472		MPO	1.0 +	1.5	7.3	1.48 -	0.21	7.12 -	1581.	53.	12.
314	0000	-826	37.8906	80.1478		DHS-1	1.0	1.6	7.1	1.57 -	0.22	7.11	1558.	54.	13.
315	0000	-827	37.8906	80.1482		DHS-1	0.9	1.6	6.8	1.74	0.24	7.33	1515.	54.	12.
316	0000	-827	37.8906	80.1487		DHS-1	0.9	1.5	7.1 +	1.70	0.21 -	7.99	1498.	52.	13.
317	0000	-826	37.8907	80.1492		DHS-1	0.9	1.8	6.9	2.11	0.26	8.04	1481	53.	12.
318	0000	-825	37.8907	80.1497		DHS-1	0.8	1.8	6.5	2.21	0.28	7.93	1470.	55.	11.
319	0000	-825	37.8907	80.1502		DHS-1	0.8	1.6	6.6	1.92	0.24	8.01	1492.	57.	10.
320	0000	-825	37.8907	80.1507		DHS-1	0.8	1.6	7.1	1.90	0.23	8.37	1527.	58.	9.
321	0000	-825	37.8907	80.1512		DHS-1	0.9	1.8	7.4 +	1.98	0.24	8.23	1595.	60.	8.
322	0000	-825	37.8908	80.1516		DHS-1	1.0 +	1.8	7.9 +	1.71	0.22	7.70 -	1677.	63.	8.
323	0000	-826	37.8908	80.1522		DHS-2	1.1	2.1	8.5 -	1.95	0.25	7.90 -	1773.	64.	7.
324	0000	-827	37.8909	80.1527		DHS-2	1.1	2.3	9.3	2.06	0.25	8.34	1851.	63.	6.
325	0000	-826	37.8909	80.1532		DHS-2	1.1	2.3	9.8	2.08	0.24	8.77	1888.	62.	6.
326	0000	-827	37.8909	80.1537		DHS-2	1.1	2.5	10.1 +	2.23	0.25	9.07	1909.	59.	6.
327	0000	-827	37.8909	80.1541		DHS-2	1.1	2.5	9.7	2.20	0.26	8.54	1912.	58.	7.
328	0000	-826	37.8909	80.1546		DCH	1.1	2.4	9.9	2.10	0.24	8.83	1909.	57.	7.
329	0000	-826	37.8910	80.1551		DCH	1.1	2.3	10.3	2.20	0.23	9.76	1905.	54.	7.
330	0000	-826	37.8910	80.1556		DCH	1.0	2.2	9.8	2.16	0.22	9.68	1884.	53.	8.
331	0000	-826	37.8910	80.1562		DCH	1.0	2.1	9.3	2.18	0.23	9.54	1854.	55.	9.
332	0000	-826	37.8911	80.1567		DCH	1.0	2.0	9.4	2.03	0.21	9.70	1849.	55.	10.
333	0000	-826	37.8911	80.1571		DCH	0.9	2.2	9.6	2.31	0.22	10.28	1835.	56.	9.
334	0000	-827	37.8911	80.1576		DCH	0.9	2.3	10.0	2.48	0.23	10.89	1830.	57.	9.
335	0000	-826	37.8911	80.1581		DCH	0.9	2.3	9.7	2.57	0.24	10.76	1812.	58.	9.
336	0000	-826	37.8911	80.1586		DCH	0.9	2.4	9.4	2.74	0.25	10.77	1780.	60.	9.
337	0000	-826	37.8912	80.1591		DCH	0.9	2.4	9.7	2.74	0.25	11.00	1756.	61.	8.
338	0000	-826	37.8912	80.1596		DCH	0.9	2.3	9.6	2.67	0.24	11.23	1729.	61.	8.
339	0000	-825	37.8913	80.1600		DCH	0.8	2.5	9.3	3.09	0.27	11.48	1687.	61.	7.
340	0000	-825	37.8913	80.1606		DCH	0.8	2.4	8.6	2.90	0.27	10.57	1648.	62.	7.
341	0000	-826	37.8913	80.1611		DCH	0.8	2.3	8.3	3.00	0.28	10.78	1607.	63.	6.
342	0000	-826	37.8913	80.1616		DCH	0.7	2.5	8.4	3.41 +	0.29	11.57	1584.	62.	5.
343	0000	-826	37.8913	80.1621		DCH	0.7	2.5	8.5	3.60 +	0.29	12.31	1579.	62.	5.
344	0000	-826	37.8914	80.1625		DCH	0.6	2.6	8.2	4.17 +	0.32	13.22 +	1567.	61.	5.
345	0000	-826	37.8914	80.1630		DCH	0.7	2.4	8.7	3.61 +	0.27	13.21 +	1575.	61.	5.
346	0000	-826	37.8914	80.1635		DCH	0.6	2.5	8.7	3.90 +	0.29	13.45 +	1605.	60.	5.
347	0000	-825	37.8915	80.1640		DCH	0.6	2.6	9.4	4.07 +	0.27	14.84 +	1652.	59.	4.
348	0000	-825	37.8915	80.1645		DCH	0.6	2.8 +	9.5	4.33 +	0.29	14.94 +	1695.	62.	5.
349	0000	-825	37.8915	80.1651		DCH	0.6	2.7	9.5	4.17 +	0.28	14.78 +	1744.	63.	6.
350	0000	-824	37.8915	80.1655		DCH	0.7	2.8 +	10.0	4.05 +	0.28	14.38 +	1847.	62.	6.
351	0000	-824	37.8915	80.1660		DCH	0.7	2.9 +	10.9	3.95 +	0.27	14.74 +	1935.	65.	6.
352	0000	-824	37.8916	80.1665		DCH	0.7	3.3 +	11.6 +	4.51 +	0.28	15.90 +	2054.	65.	6.
353	0000	-823	37.8916	80.1670		DCH	0.8	3.2 +	12.5 +	4.26 +	0.26	16.64 +	2111.	70.	6.
354	0000	-823	37.8917	80.1675		DCH	0.8	3.1 +	12.8 +	3.92 +	0.24	16.29 +	2126.	71.	6.
355	0000	-824	37.8917	80.1680		DCH	0.8	2.9 +	13.1 +	3.68 +	0.22	16.41 +	2126.	69.	5.
356	0000	-823	37.8917	80.1685		DCH	0.8	3.0 +	13.1 +	3.63 +	0.23	16.06 +	2116.	68.	5.
357	0000	-824	37.8917	80.1690		DB-2	0.8	2.9 +	12.5 ++	3.49 +	0.23	15.08 ++	2041.	67.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-826	37.8917	80.1694	DB-2	0.9	2.7 +	11.2 +	3.15 +	0.24	13.06 ++	1962.	67.	6.
359	0000	-825	37.8918	80.1700	DB-2	0.8	2.5	10.3 +	2.97 +	0.24	13.33 +	1853.	67.	7.
360	0000	-825	37.8918	80.1705	DB-2	0.9	2.2	9.8 +	2.34	0.22	11.58 +	1785.	65.	7.
361	0000	-826	37.8918	80.1710	DB-2	1.0	2.3	9.4	2.37	0.24	9.67 +	1764.	64.	8.
362	0000	-826	37.8919	80.1714	DB-2	1.0	2.2	9.1	2.16	0.24	8.83	1735.	65.	8.
363	0000	-826	37.8919	80.1719	DB-2	1.0	2.1	8.9	2.00	0.23	8.59	1700.	65.	8.
364	0000	-827	37.8919	80.1724	DB-2	1.0	1.9	8.2	1.86	0.24	7.90	1665.	67.	8.
365	0000	-825	37.8919	80.1730	DB-2	1.0	1.9	8.5	1.85	0.23	8.16	1653.	67.	7.
366	0000	-824	37.8919	80.1734	DB-2	1.1	1.8	8.3	1.67	0.22	7.56	1650.	66.	7.
367	0000	-825	37.8920	80.1739	DB-2	1.0	2.2	7.8	2.13	0.28	7.51	1665.	64.	7.
368	0000	-825	37.8920	80.1744	DB-2	1.1	1.8	8.1	1.68	0.23	7.37	1660.	64.	7.
369	0000	-823	37.8920	80.1749	DB-2	1.0	1.8	8.0	1.71	0.22	7.64	1683.	62.	7.
370	1000	-823	37.8921	80.1754	DB-2	1.1	1.9	8.4	1.80	0.23	7.87	1733.	63.	8.
371	1000	-823	37.8921	80.1759	DB-2	1.1	2.1	8.7	1.91	0.24	7.88	1770.	62.	8.
372	1000	-822	37.8921	80.1764	DB-2	1.1	2.0	8.7	1.79	0.23	7.69	1785.	60.	9.
373	1000	-822	37.8921	80.1769	DB-2	1.1	2.1	8.2	1.81	0.25	7.21	1769.	61.	10.
374	1000	-822	37.8922	80.1774	DB-2	1.2	1.9	8.3	1.68	0.23	7.17	1763.	60.	11.
375	1000	-822	37.8922	80.1779	DB-2	1.1	2.2	7.4	2.01	0.29	6.81	1769.	59.	12.
376	1000	-821	37.8922	80.1784	DB-2	1.2	2.3	8.1	1.89	0.29	6.55	1842.	58.	13.
377	1000	-820	37.8922	80.1789	DB-2	1.3	2.2	7.7	1.67	0.29	5.86	1867.	58.	14.
378	1000	-819	37.8923	80.1794	DB-2	1.3	2.1	7.5	1.63	0.28	5.74	1869.	59.	14.
379	1000	-819	37.8923	80.1798	DB-2	1.3	2.1	7.6	1.58	0.27	5.81	1879.	59.	14.
380	1000	-818	37.8923	80.1803	DB-2	1.3	2.1	7.6	1.64	0.28	5.86	1886.	57.	13.
381	1000	-817	37.8923	80.1809	DB-2	1.3	1.9	7.7	1.47	0.25	5.98	1882.	57.	12.
382	1000	-816	37.8924	80.1814	DB-2	1.3	2.2	8.2	1.75	0.27	6.38	1887.	55.	10.
383	1000	-816	37.8924	80.1819	DB-2	1.1	2.3	7.6	2.05	0.30	6.79	1799.	59.	9.
384	0000	-816	37.8924	80.1823	DB-2	1.0	2.5	7.2	2.38	0.34 +	6.97	1729.	59.	8.
385	0000	-815	37.8924	80.1828	DB-2	1.0	2.5	7.7	2.50	0.32	7.73	1722.	56.	8.
386	0000	-815	37.8925	80.1833	DB-2	0.9	2.4	7.4	2.66	0.33	8.10	1696.	54.	8.
387	0000	-815	37.8925	80.1838	DB-2	1.0	2.2	8.1	2.22	0.28	8.07	1723.	52.	8.
388	0000	-815	37.8925	80.1843	DB-2	1.0	2.5	7.8	2.53	0.32	7.90	1733.	52.	8.
389	0000	-814	37.8926	80.1848	DB-2	1.0	2.3	7.3	2.29	0.32	7.22	1724.	55.	10.
390	0000	-813	37.8926	80.1853	DB-2	1.1	1.9	7.6	1.76	0.24	7.22	1762.	52.	11.
391	0000	-812	37.8926	80.1858	DB-2	1.2	1.6 -	8.1	1.36	0.20 -	6.95	1817.	50.	13.
392	0000	-813	37.8927	80.1863	DB-2	1.3	1.5 -	8.6	1.22 -	0.18 -	6.84	1872.	50.	14.
393	0000	-812	37.8927	80.1868	DB-2	1.4	1.5 -	9.0	1.13 -	0.17 -	6.62	1934.	51.	15.
394	0000	-811	37.8927	80.1873	DB-2	1.3	2.0	9.2	1.52	0.21	7.07	1966.	53.	15.
395	0000	-811	37.8927	80.1878	DB-2	1.3	1.9	9.3	1.39	0.20	6.94	2010.	53.	16.
396	0000	-810	37.8927	80.1882	DB-2	1.3	1.9	9.8 +	1.46	0.20 -	7.40	2044.	51.	15.
397	0000	-809	37.8928	80.1887	DB-2	1.4	2.3	9.4	1.73	0.25	6.88	2047.	52.	14.
398	0000	-809	37.8928	80.1892	DB-2	1.3	2.3	9.8 +	1.75	0.24	7.28	2060.	55.	13.
399	0000	-807	37.8929	80.1898	DB-2	1.3	2.4	9.4	1.86	0.25	7.31	2049.	55.	12.
400	0000	-806	37.8929	80.1903	DB-2	1.3	2.7 +	9.5	2.08	0.28	7.31	2038.	55.	9.
401	0000	-805	37.8929	80.1908	DB-2	1.3	2.5	9.3	1.90	0.27	6.96	2042.	53.	8.
402	0000	-805	37.8929	80.1912	DB-2	1.3	2.6	9.6	1.95	0.27	7.26	2033.	53.	6.
403	0000	-805	37.8929	80.1917	DB-2	1.4	2.3	9.9 +	1.68	0.24	7.08	2030.	54.	4.
404	0000	-806	37.8930	80.1922	DB-2	1.4	2.4	10.1 +	1.66	0.24	7.00	2056.	52.	3.
405	0000	-805	37.8930	80.1927	DB-2	1.5	2.8 +	9.8 +	1.84	0.28	6.72	2064.	51.	2.
406	0000	-805	37.8930	80.1932	DB-2	1.5	3.0 +	10.2 +	1.97	0.29	6.70	2087.	52.	0.
407	0000	-805	37.8931	80.1937	DB-2	1.5	2.9 +	10.0 +	2.00	0.30	6.76	2070.	51.	0.
408	0000	-805	37.8931	80.1942	DB-2	1.4	3.0 +	9.9 +	2.11	0.30	6.94	2022.	54.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-807	37.8931	80.1947	DB-2	1.4	3.1 +	9.3	2.27	0.33	6.81	1955.	55.	0.
410	0000	-806	37.8931	80.1952	DB-2	1.3	3.2 +	8.8	2.43	0.35 +	6.76	1890.	56.	0.
411	0000	-806	37.8931	80.1957	DB-2	1.2	2.9 +	8.5	2.45	0.35 +	7.08	1810.	55.	0.
412	0000	-806	37.8932	80.1962	DB-2	1.1	2.8 +	8.2	2.48	0.34	7.39	1732.	56.	1.
413	0000	-806	37.8932	80.1967	DB-2	1.0	2.4	7.4	2.36	0.33	7.20	1656.	55.	2.
414	0000	-806	37.8932	80.1972	DB-2	1.1	2.3	7.4	2.09	0.31	6.83	1639.	57.	2.
415	0000	-806	37.8932	80.1976	DCH	1.1	2.1	7.1	1.91	0.30	6.37	1633.	57.	3.
416	0000	-806	37.8933	80.1981	DCH	1.2	1.9	7.2	1.55	0.26	5.97 -	1691.	54.	3.
417	0000	-806	37.8933	80.1987	DCH	1.3	1.9	7.4	1.47	0.26	5.64 -	1750.	54.	4.
418	0000	-805	37.8933	80.1992	DCH	1.3	2.1	7.3	1.56	0.28	5.51 -	1791.	57.	5.
419	0000	-806	37.8934	80.1996	DCH	1.4 +	1.9	7.8	1.39 -	0.24	5.66 -	1812.	56.	6.
420	0000	-805	37.8934	80.2001	DB-2	1.4	1.7	8.1	1.24 -	0.22	5.78	1815.	57.	6.
421	0000	-804	37.8934	80.2006	DB-2	1.4	1.8	7.9	1.30	0.23	5.59	1818.	55.	7.
422	0000	-805	37.8934	80.2011	DB-2	1.4	1.9	7.9	1.36	0.24	5.70	1842.	54.	7.
423	0000	-804	37.8934	80.2016	DB-2	1.4	2.1	8.7	1.53	0.25	6.23	1881.	55.	7.
424	0000	-804	37.8935	80.2021	DB-2	1.4	2.1	9.2	1.49	0.23	6.59	1925.	52.	7.
425	0000	-804	37.8935	80.2025	DB-2	1.5	2.2	9.6	1.46	0.23	6.49	1953.	50.	8.
426	0000	-805	37.8935	80.2031	DB-2	1.4	2.2	9.4	1.52	0.23	6.49	1964.	50.	8.
427	0000	-805	37.8936	80.2036	DB-2	1.5	2.4	9.1	1.64	0.26	6.20	1962.	50.	9.
428	0000	-804	37.8936	80.2041	DB-2	1.4	2.4	9.0	1.71	0.27	6.37	1961.	50.	9.
429	0000	-804	37.8936	80.2046	DB-2	1.5	2.3	9.4	1.52	0.24	6.32	1972.	51.	9.
430	0000	-804	37.8936	80.2051	DB-2	1.5	2.1	8.9	1.45	0.24	6.05	1956.	50.	10.
431	0000	-803	37.8937	80.2056	DB-2	1.4	2.0	8.5	1.38	0.23	5.92	1929.	50.	10.
432	0000	-803	37.8937	80.2061	DB-2	1.4	1.8	8.7	1.31	0.21	6.20	1916.	52.	9.
433	0000	-803	37.8937	80.2065	DB-2	1.5	1.8	8.8	1.17 -	0.20	5.79	1986.	51.	10.
434	0000	-801	37.8938	80.2070	DB-2	1.5	1.5 -	9.1	0.96 -	0.16 -	5.89	2010.	50.	10.
435	0000	-801	37.8938	80.2076	DB-2	1.5	1.4 -	9.3	0.95 -	0.15 -	6.15	2000.	51.	11.
436	0000	-801	37.8938	80.2081	DB-2	1.4	1.5 -	9.0	1.08 -	0.17 -	6.29	1949.	50.	11.
437	0000	-800	37.8939	80.2085	DB-2	1.4	1.4 -	8.9	1.02 -	0.16 -	6.41	1877.	53.	10.
438	0000	-801	37.8939	80.2090	DB-2	1.4	1.3 -	9.1	0.93 -	0.14 --	6.44	1881.	52.	10.
439	0000	-801	37.8939	80.2095	DB-2	1.4	1.2 -	8.9	0.85 --	0.13 --	6.41	1870.	51.	10.
440	0000	-801	37.8939	80.2101	DB-2	1.3	1.4 -	8.7	1.08 -	0.16 -	6.64	1816.	52.	9.
441	0000	-802	37.8939	80.2105	DB-2	1.3	1.6	8.5	1.28 -	0.19 -	6.66	1812.	53.	8.
442	0000	-801	37.8940	80.2110	DB-2	1.3	1.6 -	8.5	1.21 -	0.19 -	6.47	1825.	51.	6.
443	0000	-802	37.8940	80.2115	DB-2	1.3	1.6	8.7	1.23 -	0.19 -	6.52	1837.	50.	5.
444	0000	-802	37.8940	80.2120	DB-2	1.4	1.8	8.5	1.33	0.21	6.25	1858.	48.	4.
445	0000	-801	37.8940	80.2125	DB-2	1.3	1.9	8.2	1.41	0.23	6.13	1824.	49.	3.
446	0000	-800	37.8940	80.2130	DB-2	1.4	2.1	8.1	1.46	0.25	5.79	1856.	51.	3.
447	0000	-802	37.8941	80.2135	DB-2	1.5	1.9	8.2	1.28 -	0.23	5.52	1878.	52.	4.
448	0000	-803	37.8941	80.2139	DB-2	1.6 +	2.0	8.4	1.23 -	0.23	5.29 -	1904.	52.	4.
449	0000	-802	37.8942	80.2145	DB-2	1.6 +	2.0	8.5	1.23 -	0.23	5.24 -	1933.	54.	4.
450	0000	-801	37.8942	80.2150	DB-2	1.7 +	1.9	8.9	1.12 -	0.21	5.22 -	1993.	56.	5.
451	0000	-801	37.8942	80.2155	DB-2	1.8 +	1.9	9.4	1.03 -	0.20	5.08 -	2081.	55.	5.
452	0000	-801	37.8942	80.2160	DB-2	1.8 +	2.1	9.4	1.13 -	0.22	5.11 -	2113.	58.	4.
453	0000	-800	37.8942	80.2165	DB-2	1.8 +	2.1	9.3	1.16 -	0.22	5.16 -	2096.	57.	5.
454	0000	-800	37.8943	80.2169	DB-2	1.7 +	2.2	9.1	1.27 -	0.24	5.29 -	2065.	56.	4.
455	0000	-799	37.8943	80.2174	DB-2	1.7 +	1.9	9.2	1.14 -	0.21	5.48	2049.	57.	4.
456	0000	-800	37.8943	80.2179	DB-2	1.7 +	1.9	9.6	1.12 -	0.20 -	5.69	2037.	57.	4.
457	0000	-800	37.8944	80.2185	DB-2	1.6 +	1.9	8.9	1.17 -	0.21	5.45 -	1984.	57.	5.
458	0000	-800	37.8944	80.2190	DMB-2	1.5	1.8	8.8	1.17	0.20 -	5.83	1900.	59.	5.
459	0000	-799	37.8944	80.2194	DMB-2	1.5	1.7 -	8.6	1.11	0.20 -	5.65	1874.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-801	37.8944	80.2199	DMB-2	1.6	1.5 -	3.8	0.97 -	0.18 -	5.54	1884.	53.	5.
461	0000	-801	37.8944	80.2204	DMB-2	1.6	1.6 -	8.6	0.96 -	0.18 -	5.31	1892.	54.	6.
462	0000	-801	37.8945	80.2209	DMB-2	1.6	1.7 -	8.4	1.02 -	0.20 -	5.13	1918.	52.	7.
463	0000	-802	37.8945	80.2214	DMB-2	1.7 +	1.4 -	8.1	0.83 -	0.18 -	4.72 -	1925.	52.	8.
464	0000	-803	37.8946	80.2219	DMB-2	1.7 +	1.4 -	8.1	0.81 -	0.17 -	4.71 -	1958.	51.	9.
465	0000	-802	37.8946	80.2224	DMB-2	1.8 +	1.5 -	7.7 -	0.82 -	0.19 -	4.31 --	1989.	52.	10.
466	0000	-801	37.8946	80.2228	DMB-2	1.8 +	1.4 -	7.9	0.80 -	0.18 -	4.53 -	2003.	53.	11.
467	0000	-801	37.8946	80.2234	DMB-2	1.7 +	1.7 -	7.6 -	0.98 -	0.22	4.44 -	1999.	53.	12.
468	0000	-801	37.8946	80.2239	DMB-2	1.7 +	1.2 -	8.6	0.74 -	0.15 -	5.07	2008.	51.	13.
469	0000	-800	37.8947	80.2243	DMB-2	1.7	1.1 --	9.1 +	0.67 -	0.12 --	5.41	2005.	50.	14.
470	0000	-800	37.8947	80.2249	DMB-2	1.6	1.2 --	8.8	0.74 -	0.13 -	5.53	1964.	51.	15.
471	0000	-801	37.8947	80.2253	DMB-2	1.6	1.1 --	8.7	0.67 -	0.12 --	5.36	1940.	52.	16.
472	0000	-801	37.8947	80.2259	DMB-2	1.6	0.9 --	9.2 +	0.59 -	0.10 --	5.80	1932.	49.	16.
473	0000	-800	37.8947	80.2265	DMB-2	1.5	1.1 --	9.1 +	0.71 -	0.12 --	5.84	1916.	50.	16.
474	0000	-801	37.8947	80.2270	DMB-2	1.6	1.0 --	9.2 +	0.65 -	0.11 --	5.90	1910.	52.	14.
475	0000	-801	37.8947	80.2276	DO	1.6 ++	1.5	8.4 ++	0.95 -	0.18 -	5.30 -	1882.	53.	13.
476	0000	-800	37.8947	80.2281	DO	1.5 ++	1.7	7.4 +	1.12 -	0.22 -	5.03 -	1801.	56.	10.
477	0000	-801	37.8947	80.2286	DO	1.4 ++	1.9	7.1 +	1.36 -	0.27	4.95 -	1752.	55.	8.
478	0000	-802	37.8947	80.2292	DO	1.3 ++	2.2 +	6.6 +	1.63 -	0.33	4.95 -	1665.	54.	6.
479	0000	-802	37.8947	80.2297	DO	1.2 ++	2.3 +	5.8 +	1.83 -	0.39	4.76 -	1540.	58.	4.
480	0000	-801	37.8947	80.2303	DO	1.1 ++	2.1 +	5.5	1.91 -	0.41	4.64 -	1400.	59.	2.
481	0000	-801	37.8947	80.2308	DO	0.9 +	2.0	4.2	2.13 -	0.48	4.51 -	1246.	57.	2.
482	0000	-801	37.8947	80.2314	DO	0.7 +	1.8	3.9	2.43 -	0.47	5.19 -	1121.	56.	1.
483	0000	-801	37.8947	80.2319	DO	0.6 +	1.9	3.8	3.00 -	0.48	5.95 -	1034.	54.	1.
484	0000	-801	37.8947	80.2324	DO	0.5	1.9	3.8	3.46 -	0.50	6.98	974.	53.	0.
485	0000	-802	37.8947	80.2330	DO	0.5	1.8	3.6	3.90 -	0.51	7.65	916.	56.	0.
486	0000	-803	37.8947	80.2335	DO	0.4	1.8	3.1	4.54 -	0.58	7.81	865.	53.	1.
487	0000	-804	37.8947	80.2341	DO	0.3	1.8	3.0	5.53 -	0.62	8.95	835.	51.	1.
488	0000	-804	37.8947	80.2346	DO	0.3	1.8	3.0	5.80 -	0.58	9.87	804.	50.	2.
489	0000	-804	37.8947	80.2352	DO	0.3	1.7	2.7	5.98 -	0.64	9.36	758.	52.	2.
490	0000	-804	37.8947	80.2357	DO	0.3	1.5	2.2	4.97 -	0.69 +	7.21	709.	51.	3.
491	0000	-805	37.8947	80.2363	DO	0.3	1.3	1.6 -	4.37 -	0.78 +	5.60 -	661.	52.	4.
492	0000	-806	37.8947	80.2368	DO	0.3	1.1	1.7 -	4.08 -	0.55	6.26 -	628.	50.	5.
493	0000	-806	37.8946	80.2374	DO	0.3	1.1	1.9 -	3.75 -	0.57	6.62	609.	52.	4.
494	0000	-806	37.8946	80.2379	DO	0.3	1.0	1.6 -	3.47 -	0.62	5.64 -	583.	54.	5.
495	0000	-806	37.8946	80.2385	DO	0.3	0.9	1.5 -	3.28 -	0.56	5.82 -	559.	55.	4.
496	0000	-806	37.8946	80.2389	DO	0.3	1.0	1.4 -	3.63 -	0.67 +	5.44 -	547.	55.	4.
497	0000	-808	37.8946	80.2395	DO	0.2	1.0	1.3 -	4.85 -	0.78 +	6.24 -	539.	55.	4.
498	0000	-809	37.8946	80.2401	DO	0.2 -	1.2	1.2 --	6.09 +	0.94 +	6.50 -	520.	55.	3.
499	0000	-811	37.8946	80.2406	DO	0.2 -	1.3	1.1 --	7.81 ++	1.19 ++	6.55	525.	55.	3.
500	0000	-813	37.8946	80.2411	DO	0.2 -	1.3	1.3 -	8.11 ++	0.97 +	8.39	520.	55.	3.
501	0000	-812	37.8946	80.2417	DO	0.1 -	1.3	1.3 -	8.49 ++	0.93 +	9.09	531.	54.	2.
502	0000	-812	37.8946	80.2422	DO	0.1 -	1.4	1.2 --	9.72 +++	1.19 ++	8.15	545.	55.	3.
503	0000	-813	37.8946	80.2428	DO	0.2	1.4	1.4 -	7.28 +	1.06 ++	6.85	586.	54.	2.
504	0000	-814	37.8946	80.2433	DO	0.2	1.7	1.8 -	8.00 ++	0.93 +	8.63	617.	56.	2.
505	0000	-814	37.8946	80.2439	DO	0.2	1.5	2.2	6.75 +	0.70 +	9.66	658.	57.	2.
506	0000	-814	37.8946	80.2444	DO	0.3	1.4	2.3	5.52	0.62	8.93	670.	57.	2.
507	0000	-814	37.8945	80.2450	DO	0.3	1.5	2.4	5.18	0.62	8.33	682.	56.	3.
508	0000	-814	37.8945	80.2455	DO	0.3	1.4	2.5	4.69	0.55	8.52	676.	56.	2.
509	0000	-815	37.8945	80.2460	DHL	0.3	1.3	2.8	4.33	0.47	10.28	658.	57.	2.
510	0000	-814	37.8945	80.2466	DHL	0.2	1.2	2.7	4.46	0.45	12.69 +	506.	58.	2.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-814	37.8945	80.2472		DHL	0.2 -	1.0 -	2.5	5.11	0.39	13.07 +	566.	58.	3.
512	0000	-814	37.8946	80.2476		DHL	0.2 -	0.9 -	2.3	5.74	0.40	14.30 ++	521.	58.	3.
513	0000	-815	37.8946	80.2482		DHL	0.1 -	0.7 -	2.2	5.49	0.30	18.15 +++	485.	59.	4.
514	0000	-816	37.8945	80.2487		DO	0.1 --	0.6 -	2.0 -	6.73 +	0.28	23.71 ++	455.	61.	5.
515	0000	-815	37.8945	80.2493		DO	0.1 --	0.5 --	2.1	7.01 +	0.24 -	28.77 +++	431.	60.	4.
516	0000	-815	37.8945	80.2498		DO	0.1 --	0.4 --	1.8 -	4.44	0.23 -	19.36 +	418.	61.	5.
517	0000	-816	37.8945	80.2504		DO	0.1 --	0.3 ---	1.8 -	3.09	0.17 -	18.17 +	421.	61.	5.
518	0010	-816	37.8945	80.2509		DO	0.1 -	0.3 N.A.	1.9 -	1.82 N.A.	0.14 N.A.	12.67	426.	59.	6.
519	0010	-817	37.8945	80.2515		DMB-1	0.1 -	0.2 N.A.	2.0	1.62 N.A.	0.12 N.A.	13.95 +	429.	61.	6.
520	0000	-820	37.8945	80.2520		DMB-1	0.2 -	0.3 --	2.0	1.97 -	0.16 --	12.50 +	441.	61.	6.
521	0000	-820	37.8945	80.2525		DMB-1	0.2 -	0.4 -	2.0 -	2.44	0.22 -	10.99 +	451.	63.	6.
522	0000	-820	37.8945	80.2531		DMB-1	0.2 -	0.6 -	1.9 -	3.40	0.34 -	10.10	469.	65.	6.
523	0000	-820	37.8945	80.2537		DMB-1	0.2 -	0.6 -	2.0	3.32	0.29 -	11.28 +	476.	66.	6.
524	0000	-821	37.8945	80.2541		DMB-1	0.2 -	0.8 -	1.9 -	5.27	0.42	12.52 +	477.	68.	5.
525	0000	-822	37.8945	80.2547		DMB-1	0.1 -	1.0 -	1.9 -	8.64 +	0.54	16.02 +	474.	69.	4.
526	0000	-823	37.8945	80.2554		DMB-1	0.1 -	1.2	1.7 -	9.18 +	0.71	12.94 +	476.	68.	4.
527	0000	-824	37.8945	80.2558		DMB-1	0.1 -	1.3	1.8 -	11.48 +	0.68	16.84 +	466.	66.	3.
528	0000	-825	37.8945	80.2564		DMB-1	0.1 -	1.3	1.8 -	13.26 ++	0.74	17.93 ++	462.	65.	3.
529	0000	-825	37.8944	80.2569		DMB-1	0.1 -	1.3	1.7 -	12.95 ++	0.73	17.71 ++	454.	64.	3.
530	0000	-825	37.8944	80.2575		DMB-1	0.1 -	1.2	1.7 -	10.79 +	0.72	14.94 +	458.	62.	3.
531	0000	-825	37.8945	80.2580		DMB-1	0.1 -	1.1 -	1.7 -	8.23 +	0.66	12.52 +	463.	58.	3.
532	0000	-825	37.8945	80.2586		DB-1	0.1 -	1.0	1.7 -	7.76 ++	0.61 +	12.79 +	483.	58.	4.
533	0000	-826	37.8945	80.2591		DB-1	0.2 -	1.0	1.8	6.45 +	0.55	11.83	524.	55.	5.
534	0000	-827	37.8945	80.2597		DB-1	0.2	1.1	1.8	6.28 +	0.64 +	9.82	586.	56.	5.
535	0000	-828	37.8945	80.2602		DB-1	0.2	1.3	2.1	5.92 +	0.60 +	9.82	664.	53.	6.
536	0000	-828	37.8944	80.2607		DB-1	0.3	1.3	2.3	4.85	0.58 +	8.31	755.	51.	6.
537	0000	-827	37.8944	80.2612		DB-1	0.3	1.7 +	3.0	5.50	0.55	10.07	868.	52.	5.
538	0000	-827	37.8944	80.2619		DB-1	0.4	1.9 +	3.2	4.77	0.61 +	7.82	995.	53.	5.
539	0000	-829	37.8944	80.2623		DB-1	0.5 +	2.3 ++	3.3 +	4.38	0.69 +	6.36 -	1117.	56.	4.
540	0000	-828	37.8944	80.2629		DB-1	0.6 +	2.4 ++	3.6 +	3.73	0.67 +	5.58 -	1224.	57.	4.
541	0000	-828	37.8944	80.2634		DB-2	0.8 -	2.7	4.0 --	3.36 +	0.66 +++	5.10 -	1358.	56.	3.
542	0000	-829	37.8944	80.2640		DB-2	1.0	2.7 +	4.8 --	2.86 +	0.57 ++	5.01 -	1492.	56.	2.
543	0000	-829	37.8944	80.2645		DB-2	1.1	2.9 +	5.7 -	2.62	0.50 ++	5.23 -	1620.	57.	1.
544	0000	-829	37.8944	80.2651		DB-2	1.2	2.9 +	6.0 -	2.35	0.49 ++	4.82 -	1719.	56.	1.
545	0000	-829	37.8944	80.2656		DB-2	1.3	2.9 +	6.7	2.19	0.43 +	5.08 -	1786.	57.	1.
546	0000	-830	37.8944	80.2662		DB-2	1.4	2.6	7.6	1.91	0.34 +	5.57	1823.	54.	1.
547	0000	-831	37.8944	80.2667		DB-2	1.4	2.4	8.1	1.73	0.30	5.84	1833.	54.	1.
548	0000	-831	37.8944	80.2673		DB-2	1.3	2.0	8.5	1.50	0.24	6.36	1802.	55.	2.
549	0000	-831	37.8944	80.2678		DB-2	1.3	1.9	8.2	1.47	0.23	6.41	1773.	55.	3.
550	0000	-832	37.8943	80.2684		DB-2	1.3	1.6 -	7.9	1.27 -	0.20	6.31	1738.	56.	4.
551	0000	-832	37.8943	80.2689		DB-2	1.2	1.4 -	8.1	1.15 -	0.17 -	6.75	1691.	54.	5.
552	0000	-833	37.8944	80.2694		DCH	1.2	1.1 -	8.7	0.98 -	0.13 --	7.42	1682.	52.	6.
553	0000	-834	37.8944	80.2700		DCH	1.2	1.2 -	8.4	1.05 -	0.15 --	7.15	1698.	52.	7.
554	0000	-835	37.8944	80.2705		DCH	1.2	1.5	8.3	1.23 -	0.18 -	6.95	1748.	51.	9.
555	0000	-836	37.8944	80.2711		DCH	1.2	1.6	8.0	1.28 -	0.20	6.55	1774.	50.	10.
556	0000	-836	37.8944	80.2716		DCH	1.2	1.7	8.3	1.39 -	0.20	6.81	1768.	50.	10.
557	0000	-837	37.8943	80.2721		DCH	1.2	1.7	8.4	1.50	0.21	7.21	1751.	50.	10.
558	0000	-837	37.8943	80.2727		DCH	1.2	1.8	8.3	1.56	0.22	7.15	1757.	51.	10.
559	0000	-838	37.8943	80.2732		DCH	1.2	1.8	7.6	1.53	0.24	6.50	1713.	54.	11.
560	0000	-838	37.8943	80.2738		DCH	1.2	1.7	7.4	1.46 -	0.23	6.31	1679.	55.	11.
561	0000	-839	37.8943	80.2743		DCH	1.1	1.6	7.6	1.45 -	0.22	6.72	1646.	55.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	* POTASSIUM PCT	URANIUM PPM	VALUES AND STATISTICAL SIGNIFICANCES THORIUM PPM	U / K	U / TH	TH / K	* GROSS CPS	COS CPS	UAIR CPS
562	0000	-840	37.8943	80.2749		DCH	1.1	1.5	7.9	1.33 -	0.19 -	7.12	1622.	56.	10.
563	0000	-841	37.8943	80.2754		DCH	1.1	1.4	7.6	1.29 -	0.19 -	6.87	1624.	56.	10.
564	0000	-842	37.8943	80.2760		DCH	1.1	1.6	7.6	1.44 -	0.22	6.67	1677.	56.	11.
565	0000	-842	37.8943	80.2765		DCH	1.2	1.8	7.4	1.55	0.25	6.23	1742.	56.	10.
566	0000	-843	37.8943	80.2771		DCH	1.2	1.9	8.0	1.53	0.24	6.46	1814.	53.	10.
567	0000	-843	37.8943	80.2776		DCH	1.2	2.1	8.4	1.69	0.25	6.75	1842.	52.	8.
568	0000	-843	37.8943	80.2782		DCH	1.2	2.2	8.4	1.78	0.26	6.81	1852.	53.	8.
569	0000	-845	37.8943	80.2787		DCH	1.2	2.3	8.5	1.86	0.27	6.94	1852.	54.	8.
570	0000	-846	37.8943	80.2792		DCH	1.2	2.1	9.1	1.78	0.23	7.70	1833.	54.	7.
571	0000	-847	37.8943	80.2798		DCH	1.2	2.0	8.6	1.70	0.24	7.25	1788.	56.	7.
572	0000	-848	37.8943	80.2803		DCH	1.1	1.8	8.6	1.61	0.21	7.66	1741.	56.	7.
573	0000	-849	37.8943	80.2809		DCH	1.1	1.9	8.2	1.70	0.23	7.36	1742.	57.	6.
574	0000	-849	37.8943	80.2814		DCH	1.1	1.8	8.5	1.57	0.21	7.44	1763.	57.	7.
575	0000	-849	37.8943	80.2820		DCH	1.2	1.4	9.0	1.20 -	0.16 -	7.61	1785.	56.	7.
576	0000	-849	37.8943	80.2825		DCH	1.2	1.5	8.6	1.16 -	0.17 -	6.92	1821.	54.	7.
577	0000	-850	37.8943	80.2830		DCH	1.3	1.6	8.4	1.27 -	0.19 -	6.65	1842.	55.	7.
578	0000	-850	37.8943	80.2836		DCH	1.3	1.4	9.0	1.13 -	0.16 -	7.15	1829.	54.	6.
579	0000	-850	37.8942	80.2842		DCH	1.2	1.7	8.7	1.43 -	0.19 -	7.47	1769.	55.	5.
580	0000	-851	37.8942	80.2847		DCH	1.1	1.8	8.7	1.71	0.21	8.19	1696.	54.	4.
581	0000	-851	37.8942	80.2853		DCH	1.0	1.8	8.3	1.91	0.22	8.74	1639.	56.	3.
582	0000	-851	37.8942	80.2858		DCH	0.9	2.2	7.9	2.47	0.28	8.99	1582.	56.	2.
583	0000	-851	37.8942	80.2863		DCH	0.8	2.3	8.1	3.05	0.29	10.52	1544.	55.	1.
584	0000	-853	37.8942	80.2869		DCH	0.8	2.3	8.1	3.06	0.29	10.58	1508.	55.	0.
585	0000	-854	37.8942	80.2874		DCH	0.7	2.5	7.8	3.50 +	0.32	10.99	1486.	55.	0.
586	0000	-854	37.8942	80.2880		DCH	0.7	2.5	7.9	3.50 +	0.32	10.93	1507.	54.	0.
587	0000	-855	37.8942	80.2885		DCH	0.7	2.2	8.3	2.96	0.26	11.25	1491.	55.	1.
588	0000	-857	37.8942	80.2890		DCH	0.7	2.2	8.3	2.95	0.26	11.19	1492.	53.	1.
589	0000	-856	37.8942	80.2896		DCH	0.7	2.3	8.5	3.11	0.27	11.66	1514.	53.	1.
590	0000	-857	37.8942	80.2901		DCH	0.7	2.1	8.9	3.03	0.24	12.88 +	1528.	55.	2.
591	0000	-858	37.8942	80.2907		DCH	0.6	2.1	9.3	3.39 +	0.23	15.03 +	1553.	56.	4.
592	0000	-858	37.8942	80.2912		DCH	0.6	2.1	9.2	3.29	0.22	14.69 +	1550.	57.	5.
593	0000	-858	37.8942	80.2918		DCH	0.6	1.8	9.4	2.89	0.19	14.83 +	1531.	58.	7.
594	0000	-858	37.8942	80.2923		DCH	0.6	2.0	8.8	3.30	0.23	14.55 +	1513.	58.	9.
595	0000	-859	37.8942	80.2929		DCH	0.5 -	1.9	8.7	3.53 +	0.22	16.09 +	1463.	59.	10.
596	0000	-860	37.8942	80.2934		DCH	0.5 -	1.7	8.1	3.23	0.21	15.24 +	1398.	58.	12.
597	0000	-860	37.8942	80.2940		DCH	0.5 -	1.7	6.9	3.03	0.24	12.68 +	1308.	57.	13.
598	0000	-860	37.8942	80.2945		DCH	0.6	1.5	5.8	2.40	0.25	9.53	1218.	57.	13.
599	0000	-861	37.8942	80.2951		DCH	0.6 -	1.5	6.0	2.57	0.24	10.63	1178.	55.	12.
600	0000	-860	37.8941	80.2955		DCH	0.6 -	1.3 -	5.6	2.30	0.24	9.56	1142.	55.	10.
601	0000	-860	37.8941	80.2962		DCH	0.6	1.3 -	5.6	2.16	0.23	9.33	1133.	54.	9.
602	0000	-860	37.8941	80.2967		DCH	0.7	1.2 -	5.1 -	1.82	0.23	7.89	1117.	55.	7.
603	0000	-861	37.8941	80.2972		DCH	0.6	1.2 -	5.2 -	2.01	0.24	8.31	1092.	57.	6.
604	0000	-861	37.8941	80.2977		DCH	0.6	1.3 -	5.2 -	2.19	0.26	8.52	1097.	58.	4.
605	0000	-863	37.8941	80.2983		DCH	0.6	1.5	5.4 -	2.44	0.27	9.06	1110.	57.	3.
606	0000	-864	37.8941	80.2988		DCH	0.6	1.6	4.9 -	2.56	0.32	7.93	1120.	59.	2.
607	0000	-864	37.8941	80.2994		DCH	0.6	1.5	5.0 -	2.49	0.31	7.99	1142.	59.	2.
608	0000	-864	37.8941	80.2999		DCH	0.6	1.5	5.1 -	2.32	0.29	7.91	1147.	60.	3.
609	0000	-865	37.8941	80.3005		DCH	0.7	1.7	5.1 -	2.50	0.33	7.67	1174.	60.	3.
610	0000	-865	37.8941	80.3010		DCH	0.7	1.8	5.2 -	2.45	0.34 +	7.13	1217.	59.	4.
611	0000	-864	37.8941	80.3016		DCH	0.7	1.9	5.3 -	2.57	0.36 +	7.17	1236.	60.	5.
612	0000	-865	37.8941	80.3020		DCH	0.8	1.9	5.5	2.56	0.35 +	7.28	1271.	61.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 AF APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-865	37.8941	80.3027		DCH	0.8	1.6	5.8	2.16	0.28	7.65	1273.	61.	7.
614	0000	-865	37.8941	80.3032		DCH	0.8	1.7	5.7	2.31	0.30	7.59	1284.	60.	7.
615	0000	-865	37.8941	80.3037		DCH	0.7	1.8	5.4 -	2.39	0.33 +	7.20	1293.	65.	7.
616	0000	-866	37.8941	80.3042		DCH	0.7	1.6	5.5	2.22	0.29	7.52	1295.	64.	8.
617	0000	-865	37.8941	80.3049		DCH	0.8	1.3 -	6.0	1.75	0.22	7.86	1324.	60.	9.
618	0000	-865	37.8941	80.3053		DCH	0.8	1.2 -	6.2	1.59	0.20	8.01	1330.	61.	8.
619	0000	-866	37.8941	80.3059		DCH	0.8	1.1 -	6.2	1.48	0.18 -	8.13	1336.	60.	9.
620	0000	-866	37.8941	80.3064		DCH	0.7	1.5	6.1	2.05	0.24	8.38	1365.	58.	8.
621	0000	-866	37.8940	80.3070		DCH	0.8	1.5	6.6	1.95	0.22	8.69	1383.	57.	8.
622	0000	-866	37.8940	80.3075		DHS-1	0.7	1.7	7.2 +	2.36	0.24	9.87	1425.	53.	8.
623	0000	-867	37.8940	80.3081		DHS-2	0.8 -	1.7 -	8.0 -	2.14	0.21	10.04 +	1480.	54.	8.
624	0000	-867	37.8940	80.3086		DHS-2	0.8 -	1.8 -	8.0 -	2.12	0.22	9.72	1534.	58.	8.
625	0000	-867	37.8940	80.3092		DHS-2	0.9 -	2.1	8.5 -	2.43	0.25	9.57	1624.	57.	8.
626	0000	-868	37.8940	80.3097		DHS-2	0.9 -	2.3	9.5	2.50	0.24	10.29 +	1707.	55.	8.
627	0000	-867	37.8940	80.3103		DHS-2	0.9	2.4	10.2 +	2.52	0.23	10.74 +	1767.	55.	8.
628	0000	-868	37.8940	80.3107		MPO	0.9	2.6 +	9.9 +	3.08	0.27	11.54	1797.	57.	7.
629	0000	-868	37.8940	80.3114		MPO	0.8	2.6 +	9.9 +	3.06	0.26	11.77	1809.	56.	7.
630	0000	-866	37.8940	80.3118		MPO	0.8	2.9 +	9.7 +	3.76	0.29	12.79	1790.	56.	6.
631	0000	-868	37.8940	80.3124		MPO	0.7	3.1 ++	9.3 +	4.52 +	0.33	13.76 +	1754.	54.	6.
632	0000	-868	37.8940	80.3130		MPO	0.7	2.5 +	9.4 +	3.84	0.27	14.24 +	1702.	56.	6.
633	0000	-866	37.8940	80.3135		MPO	0.6	2.6 +	8.7	4.18 +	0.29	14.25 +	1664.	59.	6.
634	0000	-866	37.8940	80.3141		DHS-2	0.7 --	2.5	8.7	3.81 +	0.29	13.01 +	1657.	62.	7.
635	0000	-867	37.8940	80.3146		DHS-2	0.7 --	2.7	9.0	3.85 +	0.29	13.09 +	1694.	60.	6.
636	0000	-867	37.8940	80.3152		DHS-2	0.8 -	2.8	9.5	3.73 +	0.30	12.51 +	1744.	61.	5.
637	0000	-867	37.8940	80.3157		DHS-2	0.9 -	3.1 +	9.6	3.62 +	0.32 +	11.27 +	1807.	58.	5.
638	0000	-868	37.8940	80.3163		DHS-2	0.9 -	3.1 +	10.2 +	3.43 +	0.31 +	11.21 +	1861.	58.	4.
639	0000	-868	37.8940	80.3168		DHS-2	0.9 -	3.5 +	10.8 +	3.80 +	0.32 +	11.73 +	1945.	55.	4.
640	0000	-867	37.8940	80.3174		MPO	1.0 +	3.6 +++	11.0 +	3.62	0.33	10.96	2019.	54.	3.
641	0000	-868	37.8940	80.3179		MPO	1.1 +	3.4 ++	11.3 +	3.17	0.30	10.65	2085.	52.	4.
642	0000	-868	37.8940	80.3185		MPO	1.1 +	3.4 ++	11.3 +	3.06	0.30	10.16	2121.	53.	4.
643	0000	-868	37.8939	80.3189		MPO	1.2 +	3.5 ++	11.3 +	2.88	0.30	9.44	2183.	51.	4.
644	0000	-868	37.8939	80.3195		MPO	1.2 +	3.2 ++	12.0 +	2.62	0.27	9.69	2230.	53.	6.
645	0000	-868	37.8939	80.3201		MPO	1.3 +	3.4 ++	12.2 +	2.70	0.28	9.67	2260.	52.	6.
646	0000	-868	37.8939	80.3206		MPO	1.3 +	3.3 ++	11.9 +	2.59	0.27	9.46	2227.	51.	6.
647	0000	-867	37.8939	80.3211		MPO	1.2 +	3.0 ++	11.7 +	2.48	0.26	9.57	2176.	50.	7.
648	0000	-867	37.8939	80.3217		MPO	1.2 +	3.1 ++	11.5 +	2.66	0.27	9.78	2085.	50.	8.
649	0000	-868	37.8939	80.3222		MPO	1.2 +	2.7 +	11.2 +	2.31	0.24	9.62	1999.	49.	8.
650	0000	-867	37.8939	80.3228		MPO	1.0 +	2.4 +	10.3 +	2.34	0.24	9.87	1872.	50.	8.
651	0000	-866	37.8939	80.3233		MPO	0.9	2.5 +	9.3 +	2.64	0.27	9.91	1780.	50.	8.
652	0000	-865	37.8939	80.3239		MPO	0.8	2.4	9.0 +	2.84	0.27	10.60	1702.	51.	8.
653	0000	-864	37.8939	80.3244		MPO	0.8	2.5 +	8.5	2.97	0.29	10.11	1660.	52.	7.
654	0000	-864	37.8939	80.3250		MPO	0.8	2.6 +	8.2	3.27	0.32	10.18	1621.	52.	7.
655	0000	-865	37.8939	80.3255		MPO	0.7	2.7 +	8.1	3.68	0.34	10.95	1601.	52.	7.
656	0000	-865	37.8939	80.3260		MPO	0.7	2.7 +	8.2	3.71	0.33	11.27	1584.	51.	7.
657	0000	-865	37.8939	80.3266		MPO	0.7	2.5 +	8.3	3.30	0.30	11.15	1569.	50.	9.
658	0000	-865	37.8939	80.3271		MPO	0.8	2.1	8.4	2.62	0.25	10.42	1535.	47.	11.
659	0000	-864	37.8939	80.3277		MPO	0.8	1.9	7.9	2.28	0.24	9.58	1504.	46.	12.
660	0000	-864	37.8939	80.3282		MPO	0.8	1.5	7.8	1.94	0.20 -	9.94	1472.	46.	14.
661	0000	-865	37.8939	80.3287		MPO	0.8	1.2 -	7.6	1.57 -	0.16 -	9.99	1422.	47.	15.
662	0000	-864	37.8939	80.3293		MPO	0.8	0.8 -	7.1	1.08 --	0.12 --	9.07	1382.	46.	16.
663	0000	-863	37.8939	80.3298		MPO	0.8	0.6 --	6.6	0.79 ---	0.09 ---	8.36	1331.	47.	17.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-864	37.8938	80.3304		MPO	0.7	0.7 --	6.2.	0.91 --	0.11 ---	8.57	1292.	46.	18.
665	0000	-863	37.8938	80.3309		MPO	0.6	0.6 --	6.1	1.00 --	0.10 ---	9.69	1246.	49.	18.
666	0000	-863	37.8938	80.3315		MPO	0.6	0.6 --	6.0	1.05 --	0.10 ---	10.27	1205.	48.	17.
667	0000	-863	37.8938	80.3320		MPO	0.6	0.6 --	5.7	1.03 --	0.10 ---	10.01	1176.	47.	18.
668	0000	-861	37.8938	80.3326		MPO	0.6	0.7 --	5.6	1.21 --	0.12 --	10.20	1168.	46.	17.
669	0000	-862	37.8938	80.3331		MPO	0.6	0.8 -	6.0	1.42 -	0.13 --	10.72	1178.	45.	16.
670	0000	-863	37.8938	80.3337		MPO	0.6	1.0 -	6.4	1.79 -	0.16 -	11.21	1213.	42.	14.
671	0000	-861	37.8938	80.3342		MPO	0.7	0.9 -	6.7	1.44 -	0.14 --	10.30	1242.	42.	13.
672	0000	-861	37.8938	80.3348		MPO	0.7	1.2 -	6.5	1.76 -	0.18 -	9.57	1256.	42.	12.
673	0000	-861	37.8938	80.3353		MPO	0.7	1.3	6.4	1.90	0.21	9.18	1268.	43.	10.
674	0000	-860	37.8938	80.3358		MPO	0.7	1.4	6.6	1.94	0.21	9.09	1291.	45.	8.
675	0000	-860	37.8938	80.3364		MPO	0.8	1.5	6.8	1.98	0.22	8.83	1313.	46.	7.
676	0000	-860	37.8938	80.3369		MPO	0.8	1.5	6.7	2.05	0.23	8.82	1325	47.	8.
677	0000	-860	37.8938	80.3375		MPO	0.7	1.6	6.8	2.17	0.23	9.52	1331.	50.	8.
678	0000	-860	37.8937	80.3380		MPO	0.7	1.8	7.1	2.63	0.25	10.37	1344.	52.	9.
679	0000	-860	37.8937	80.3386		MPO	0.7	1.7	7.5	2.42	0.23	10.53	1384.	52.	9.
680	0000	-860	37.8937	80.3391		MPO	0.7	1.8	7.7	2.42	0.23	10.47	1436.	52.	11.
681	0000	-859	37.8938	80.3396		MPO	0.8	1.9	7.8	2.38	0.25	9.49	1503.	54.	12.
682	0000	-860	37.8938	80.3402		MPO	0.9	1.9	8.4	2.02	0.23	8.95	1643.	54.	12.
683	0000	-860	37.8938	80.3407		MPO	1.0 +	2.2	9.1 +	2.14	0.24	8.86	1805.	53.	11.
684	0000	-859	37.8938	80.3413		MPO	1.2 +	2.4	9.6 +	1.97	0.25	8.02	1949.	51.	11.
685	0000	-859	37.8938	80.3418		MPO	1.3 +	2.6 +	10.4 +	2.08	0.25	8.20	2088.	51.	9.
686	0000	-859	37.8937	80.3424		MPO	1.3 +	2.9 +	11.3 +	2.17	0.26	8.44	2208.	50.	8.
687	0000	-858	37.8937	80.3429		MPO	1.4 +	2.8 +	12.6 ++	1.95	0.22	8.78	2331.	49.	6.
688	0000	-858	37.8937	80.3435		MPO	1.4 +	2.9 +	13.7 ++	2.11	0.22	9.80	2398.	47.	4.
689	0000	-858	37.8937	80.3441		MPO	1.3 +	3.3 ++	13.4 ++	2.54	0.24	10.39	2347.	46.	3.
690	0000	-857	37.8937	80.3447		MPO	1.2 +	3.0 ++	13.2 ++	2.42	0.23	10.68	2254.	47.	2.
691	0000	-857	37.8937	80.3452		MPO	1.1 +	3.0 ++	12.6 ++	2.72	0.24	11.36	2127.	50.	2.
692	0000	-856	37.8937	80.3458		MPO	1.0 +	2.7 +	12.0 +	2.73	0.23	11.98	1987.	49.	2.
693	0000	-857	37.8937	80.3464		MPO	0.9	2.5 +	10.8 +	2.81	0.24	11.93	1849.	51.	1.
694	0000	-858	37.8936	80.3469		MPO	0.8	2.4 +	9.6 +	3.01	0.26	11.76	1671.	51.	1.
695	0000	-858	37.8936	80.3475		MPO	0.7	2.2	8.1	2.99	0.27	10.88	1503.	52.	1.
696	0000	-858	37.8936	80.3481		MPO	0.7	1.9	7.4	2.90	0.26	11.13	1372.	51.	1.
697	0000	-858	37.8936	80.3486		MPO	0.6	2.2	6.1	3.87	0.36	10.69	1258.	52.	1.
698	0000	-858	37.8936	80.3492		MPO	0.5	1.9	5.6	3.74	0.35	10.77	1184.	51.	1.
699	0000	-857	37.8936	80.3498		MPO	0.5	1.8	4.9	3.53	0.37 +	9.54	1112.	51.	2.
700	0000	-858	37.8936	80.3504		MPO	0.5	1.7	4.5 -	3.69	0.39 +	9.48	1052.	51.	3.
701	0000	-858	37.8936	80.3509		MPO	0.4	1.7	4.2 -	4.02	0.42 +	9.64	1010.	52.	4.
702	0000	-857	37.8935	80.3515		MPO	0.4 -	1.6	4.1 -	4.12	0.40 +	10.25	977.	53.	5.
703	0000	-858	37.8936	80.3520		MPO	0.4 -	1.6	4.0 -	4.06	0.39 +	10.51	959.	54.	6.
704	0000	-858	37.8936	80.3526		MPO	0.4 -	1.4	4.2 -	3.37	0.33	10.38	950.	51.	7.
705	0000	-858	37.8936	80.3532		MPO	0.4 -	1.4	4.3 -	3.52	0.33	10.58	957.	51.	6.
706	0000	-858	37.8935	80.3537		MPO	0.4 -	1.5	4.4 -	3.61	0.34	10.67	969.	51.	7.
707	0000	-857	37.8935	80.3544		MPO	0.4 -	1.3	4.7	3.25	0.28	11.56	990.	51.	6.
708	0000	-857	37.8935	80.3549		MPO	0.4 -	1.3 -	4.[illegible] -	3.05	0.28	10.99	1001.	50.	7.
709	0000	-858	37.8935	80.3554		MPO	0.4	1.3	4.6 -	3.02	0.29	10.44	1020.	49.	7.
710	0000	-859	37.8934	80.3560		MPO	0.4	1.6	4.6 -	3.53	0.34	10.41	1043.	50.	7.
711	0000	-859	37.8935	80.3566		MPO	0.5	1.4	4.7	3.18	0.30	10.48	1059.	52.	6.
712	0000	-859	37.8935	80.3571		MPO	0.4 -	1.6	4.8	3.84	0.33	11.45	1075.	53.	6.
713	0000	-859	37.8935	80.3577		MPO	0.5	1.7	4.7	3.76	0.36	10.44	1097.	51.	6.
714	0000	-859	37.8934	80.3582		MPO	0.5	1.9	4.7	4.11	0.40 +	10.25	1100.	51.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-858	37.8934	80.3588		MPO	0.5	2.2	4.9	4.59 +	0.44 +	10.41	1129.	51.	4.
716	0000	-857	37.8934	80.3594		MPO	0.5	2.3	5.1	4.93 +	0.45 +	10.97	1167.	53.	4.
717	0000	-858	37.8934	80.3600		MPO	0.5	2.1	5.1	4.17 +	0.41 +	10.15	1184.	54.	4.
718	0000	-859	37.8934	80.3606		MPO	0.5	2.2	5.6	4.26 +	0.39 +	10.82	1208.	53.	4.
719	0000	-857	37.8934	80.3611		MPO	0.6	2.1	5.5	3.63	0.38 +	9.62	1210.	55.	6.
720	0000	-855	37.8934	80.3617		MMCC	0.5 -	2.0	5.3 -	3.62 +	0.37 +	9.78	1209.	60.	7.
721	0000	-855	37.8934	80.3622		MMCC	0.6 -	1.9	5.4 -	3.36 +	0.36	9.26	1232.	61.	9.
722	0000	-854	37.8934	80.3628		MMCC	0.6 -	1.9	5.5 -	3.40 +	0.35	9.80	1238.	60.	10.
723	0000	-855	37.8933	80.3634		MMCC	0.6 -	1.7	5.6 -	2.95	0.31	9.64	1238.	58.	12.
724	0000	-856	37.8933	80.3640		MMCC	0.5 -	1.7	5.8	3.12	0.29	10.72	1252.	57.	12.
725	0000	-854	37.8933	80.3645		MMCC	0.5 -	1.8	5.7	3.36 +	0.32	10.47	1265.	57.	12.
726	0000	-855	37.8933	80.3651		MMCC	0.6 -	1.8	6.1	3.26	0.30	10.78	1313.	55.	11.
727	0000	-856	37.8933	80.3657		MMCC	0.6	1.9	6.3	3.03	0.30	10.00	1358.	53.	10.
728	0000	-855	37.8933	80.3662		MMCC	0.7	2.0	6.3	2.65	0.31	8.60	1406.	52.	8.
729	0000	-855	37.8933	80.3668		MMCC	0.8	1.9	6.5	2.21	0.28	7.76	1460.	52.	8.
730	0000	-855	37.8933	80.3673		MMCC	0.9	2.1	6.5	2.27	0.32	7.01	1527.	50.	7.
731	0000	-853	37.8932	80.3679		MMCC	1.0	2.3	6.5	2.26	0.36	6.31	1578.	49.	7.
732	0000	-852	37.8932	80.3684		MMCC	1.1	2.2	6.5	1.94	0.33	5.81	1630.	48.	8.
733	0000	-852	37.8932	80.3690		MMCC	1.2	2.2	6.9	1.86	0.32	5.88	1673.	48	8.
734	0000	-850	37.8932	80.3697		MMCC	1.2	2.1	7.1	1.75	0.29	6.04	1717.	48.	9.
735	0000	-850	37.8932	80.3702		MMCC	1.2	2.0	7.6	1.67	0.26	6.34	1763.	49.	10.
736	0000	-852	37.8932	80.3707		MMCC	1.2	2.0	7.9	1.64	0.26	6.36	1812.	51.	11.
737	0000	-853	37.8932	80.3713		MMCC	1.3	2.0	8.3	1.60	0.24	6.54	1856.	53.	11.
738	0000	-853	37.8932	80.3719		MMCC	1.3	1.8	8.9 +	1.33	0.20 -	6.63	1911.	55.	11.
739	0000	-854	37.8931	80.3724		MMCC	1.4	1.8	9.3 +	1.32	0.19 -	6.88	1949.	55.	10.
740	0000	-854	37.8932	80.3730		MMCC	1.4 +	1.8	9.3 +	1.25 -	0.19 -	6.49	1967.	55.	10.
741	0000	-853	37.8932	80.3735		MMCC	1.5 +	1.8	9.4 +	1.24 -	0.19 -	6.36	1976.	54.	9.
742	0000	-853	37.8932	80.3741		MMCC	1.5 +	1.8	9.3 +	1.20 -	0.19 -	6.19	1977.	52.	9.
743	0000	-852	37.8931	80.3747		MMCC	1.5 +	1.7	9.1 +	1.19 -	0.19 -	6.21	1949.	51.	9.
744	0000	-851	37.8931	80.3753		MMCC	1.5 +	1.4 -	9.5 +	0.92 -	0.14 --	6.38	1898.	51.	9.
745	0000	-852	37.8931	80.3759		MMCC	1.5 +	1.5 -	8.9 +	1.01 -	0.17 -	6.03	1864.	51.	9.
746	0000	-851	37.8931	80.3764		MMCC	1.5 +	1.5 -	8.5	1.01 -	0.17 -	5.83	1845.	52.	11.
747	0000	-851	37.8931	80.3770		MMCC	1.4	1.5 -	8.3	1.06 -	0.18 -	5.87	1834.	54.	12.
748	0000	-852	37.8931	80.3775		MMCC	1.4	1.5 -	8.4	1.04 -	0.17 -	5.94	1826.	56.	12.
749	0000	-851	37.8931	80.3781		MMCC	1.4	1.3 -	8.6	0.91 -	0.15 --	6.18	1800.	55.	12.
750	0000	-851	37.8931	80.3787		MMCC	1.4	1.1 --	8.8 +	0.81 -	0.13 --	6.25	1806.	55.	12.
751	0000	-852	37.8930	80.3793		MMCC	1.4	1.3 -	8.5	0.96 -	0.16 -	6.07	1835.	54.	12.
752	0000	-852	37.8930	80.3798		MMCC	1.4	1.4 -	8.7 +	0.97 -	0.16 -	6.25	1841.	54.	11.
753	0000	-852	37.8930	80.3804		MMCC	1.4	1.5 -	8.9 +	1.07 -	0.17 -	6.33	1848.	54.	10.
754	0000	-852	37.8930	80.3810		MMCC	1.4 +	1.6	8.8 +	1.13 -	0.18 -	6.17	1845.	54.	9.
755	0000	-852	37.8930	80.3815		MMCC	1.5 +	1.7	8.8 +	1.14 -	0.19 -	5.90	1854.	55.	8.
756	0000	-851	37.8930	80.3821		MMCC	1.5 +	2.0	8.8 +	1.32	0.23	5.76	1885.	55.	7.
757	0000	-851	37.8930	80.3827		MMCC	1.6 +	2.2	8.7 +	1.38	0.25	5.52	1926.	55.	7.
758	0000	-851	37.8930	80.3832		MMCC	1.6 +	2.2	8.8 +	1.35	0.25	5.40	1953.	56.	6.
759	0000	-850	37.8930	80.3837		MMCC	1.6 +	2.3	8.8 +	1.39	0.26	5.42	1963.	55.	6.
760	0000	-851	37.8929	80.3844		MMCC	1.6 +	2.2	9.0 +	1.39	0.25	5.54	1969.	56.	6.
761	0000	-851	37.8929	80.3850		MMCC	1.6 +	2.3	9.0 +	1.42	0.25	5.59	1970.	56.	5.
762	0000	-849	37.8929	80.3855		MG	1.6 ++	2.2	8.9 +	1.42 -	0.25	5.70 -	1976.	54.	6.
763	0000	-849	37.8929	80.3861		MG	1.5 +	2.3	8.9 +	1.52 -	0.26	5.87 -	1958.	56.	6.
764	0000	-850	37.8929	80.3866		MG	1.4 +	2.5	8.3	1.74	0.30	5.91 -	1905.	57.	5.
765	0000	-850	37.8929	80.3872		MG	1.3 +	2.6	8.0	1.97	0.32	6.16 -	1852.	56.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-849	37.8929	80.3877		MG	1.3 +	2.4	8.0	1.86	0.29	6.32	1815.	55.	5.
767	0000	-849	37.8929	80.3884		MG	1.2	2.2	7.7	1.84	0.29	6.44	1754.	54.	5.
768	0000	-849	37.8928	80.3889		MG	1.1	2.2	8.0	1.97	0.27	7.26	1723.	51.	4.
769	0000	-848	37.8928	80.3894		MG	1.0	2.3	7.7	2.36	0.30	7.77	1676.	49.	3.
770	0000	-847	37.8928	80.3900		MG	0.9	2.4	7.5	2.57	0.32	8.14	1635.	49.	3.
771	0000	-848	37.8928	80.3906		MG	0.9	2.4	7.7	2.78	0.31	8.99	1597.	47.	3.
772	0000	-848	37.8928	80.3912		MG	0.8	2.6	7.7	3.07	0.33	9.21	1583.	46.	4.
773	0000	-847	37.8928	80.3917		MG	0.8	2.8	7.7	3.56	0.36	9.82	1580.	49.	3.
774	0000	-847	37.8928	80.3923		MG	0.8	3.0 +	7.9	3.59	0.38	9.57	1612.	49.	3.
775	0000	-847	37.8928	80.3928		MG	0.8	3.2 +	7.9	3.77	0.40	9.37	1650.	50.	3.
776	0000	-844	37.8927	80.3934		MG	0.9	3.5 +	7.9	3.95 +	0.44 +	9.06	1712.	52.	3.
777	0000	-844	37.8927	80.3940		MG	0.9	3.7 ++	8.1	3.99 +	0.45 +	8.82	1766.	54.	2.
778	0000	-846	37.8927	80.3946		MG	0.9	3.9 ++	8.3	4.28 +	0.48 +	9.00	1834.	56.	2.
779	0000	-847	37.8927	80.3952		MG	0.9	3.9 ++	8.5	4.18 +	0.47 +	8.98	1859.	58.	1.
780	0000	-846	37.8927	80.3957		MG	0.9	4.2 ++	8.4	4.53 +	0.49 +	9.17	1878.	57.	1.
781	0000	-846	37.8927	80.3963		MG	0.9	4.1 ++	8.5	4.71 +	0.49 +	9.66	1888.	57.	1.
782	0000	-845	37.8927	80.3968		MG	0.9	4.0 ++	8.3	4.55 +	0.48 +	9.45	1876.	56.	1.
783	0000	-845	37.8927	80.3974		MG	0.9	3.8 ++	8.7 +	4.42 +	0.43 +	10.20 +	1838.	56.	1.
784	0000	-845	37.8927	80.3980		MG	0.9	3.4 +	8.9 +	4.01 +	0.39	10.35 +	1807.	55.	1.
785	0000	-845	37.8927	80.3985		MG	0.9	3.1 +	8.8 +	3.41	0.35	9.80	1774.	56.	1.
786	0000	-844	37.8927	80.3990		MG	0.9	3.0 +	8.7 +	3.34	0.34	9.78	1764.	53.	1.
787	0000	-844	37.8927	80.3997		MG	1.0	2.6	8.8 +	2.71	0.30	9.12	1730.	54.	1.
788	0000	-844	37.8926	80.4002		MG	1.0	2.7	8.7 +	2.78	0.30	9.16	1681.	56.	1.
789	0000	-843	37.8926	80.4008		MG	1.0	2.3	8.4	2.37	0.27	8.79	1635.	55.	1.
790	0000	-843	37.8926	80.4014		MG	1.0	2.0	8.2	2.00	0.24	8.16	1604.	54.	2.
791	0000	-843	37.8926	80.4019		MG	1.0	2.2	8.2	2.23	0.27	8.19	1594.	53.	2.
792	0000	-843	37.8926	80.4025		MG	1.0	2.2	7.9	2.30	0.28	8.10	1590.	52.	2.
793	0000	-843	37.8925	80.4030		MG	1.0	2.4	8.3	2.36	0.28	8.31	1590.	54.	2.
794	0000	-842	37.8925	80.4036		MG	1.0	2.6	8.3	2.70	0.32	8.53	1642.	52.	2.
795	0000	-842	37.8926	80.4042		MG	1.0	2.7	8.0	2.57	0.33	7.70	1695.	49.	3.
796	0000	-842	37.8926	80.4048		MG	1.1	2.8	8.1	2.48	0.34	7.23	1729.	53.	3.
797	0000	-842	37.8925	80.4053		MG	1.1	3.0 +	8.3	2.74	0.36	7.60	1748.	52.	3.
798	0000	-842	37.8925	80.4059		MG	1.1	2.8	8.0	2.49	0.35	7.21	1751.	56.	4.
799	0000	-841	37.8925	80.4065		MG	1.2	2.7	7.9	2.29	0.35	6.64	1762.	55.	4.
800	0000	-841	37.8925	80.4070		MG	1.2	2.4	7.6	1.97	0.31	6.31	1744.	54.	5.
801	0000	-843	37.8925	80.4076		MG	1.2	2.2	7.3	1.88	0.31	6.15 -	1701.	55.	6.
802	0000	-842	37.8925	80.4082		MG	1.2	2.0	7.6	1.68	0.26	6.41	1667.	55.	7.
803	0000	-841	37.8925	80.4087		MG	1.1	2.0	7.3	1.75	0.27	6.41	1672.	54.	8.
804	0000	-842	37.8925	80.4093		MG	1.2	2.1	7.1	1.80	0.30	6.06 -	1657.	55.	8.
805	0000	-841	37.8924	80.4099		MG	1.2	2.0	6.9	1.74	0.30	5.87 -	1638.	52.	9.
806	0000	-840	37.8924	80.4105		MG	1.1	2.0	7.2	1.80	0.28	6.55	1623.	54.	8.
807	0000	-841	37.8924	80.4110		MG	1.1	2.1	6.7	1.83	0.31	5.91 -	1645.	54.	9.
808	0000	-841	37.8924	80.4115		MG	1.2	2.0	7.2	1.72	0.28	6.15 -	1684.	53.	8.
809	0000	-841	37.8924	80.4121		MG	1.2	2.3	7.0	1.99	0.33	6.02 -	1709.	51.	7.
810	0000	-840	37.8924	80.4127		MG	1.2	2.3	7.1	1.94	0.32	5.99 -	1689.	52.	7.
811	0000	-840	37.8924	80.4133		MG	1.2	2.1	7.4	1.82	0.29	6.26	1711.	51.	7.
812	0000	-839	37.8924	80.4138		MG	1.2	2.4	7.5	2.01	0.32	6.34	1738.	51.	6.
813	0000	-839	37.8923	80.4145		MG	1.2 +	2.2	7.4	1.74	0.29	5.96 -	1741.	51.	7.
814	0000	-840	37.8923	80.4150		MG	1.2	2.4	8.3	2.03	0.29	7.10	1753.	48.	6.
815	0000	-840	37.8923	80.4155		MG	1.2	2.4	8.1	2.02	0.30	6.79	1741.	50.	7.
816	0000	-839	37.8923	80.4161		MG	1.2 +	2.1	8.2	1.72	0.26	6.56	1744.	52.	8.

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FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-839	37.8923	80.4167		MG	1.2	2.3	8.6 +	1.95	0.27	7.34	1767.	51.	8.
818	00C0	-839	37.8923	80.4172		MG	1.2	2.6	8.2	2.21	0.31	7.05	1795.	51.	8.
819	0000	-838	37.8923	80.4178		MG	1.2	2.5	8.3	2.16	0.30	7.18	1804.	53.	10.
820	0000	-837	37.8923	80.4184		MG	1.1	2.6	8.7 +	2.33	0.30	7.64	1840.	53.	11.
821	0000	-838	37.8922	80.4189		MG	1.2	2.3	8.2	1.93	0.28	6.77	1847.	55.	12.
822	0000	-838	37.8922	80.4195		MG	1.2	2.2	8.0	1.82	0.28	6.52	1855.	56.	13.
823	0000	-839	37.8922	80.4201		MG	1.2 +	2.2	8.1	1.76	0.27	6.50	1878.	55.	12.
824	0000	-840	37.8922	80.4207		MG	1.3 +	2.0	7.8	1.52 -	0.26	5.95 -	1872.	56.	13.
825	0000	-840	37.8922	80.4212		MG	1.3 +	1.8	7.9	1.37 -	0.23 -	6.07 -	1840.	57.	12.
826	0000	-838	37.8922	80.4218		MG	1.3 +	1.7 -	8.2	1.31 -	0.21 -	6.29	1834.	55.	11.
827	0000	-838	37.8922	80.4223		MG	1.3 +	2.0	7.9	1.57	0.25	6.26	1803.	56.	9.
828	0000	-838	37.8922	80.4229		MG	1.2	2.2	7.7	1.79	0.28	6.36	1760.	55.	8.
829	0000	-838	37.8922	80.4235		MG	1.2	2.2	7.6	1.87	0.29	6.52	1731.	55.	7.
830	0000	-837	37.8922	80.4241		MG	1.1	2.4	7.3	2.16	0.33	6.55	1697.	55.	6.
831	0000	-836	37.8922	80.4246		MG	1.1	2.7	7.3	2.52	0.36	6.91	1689.	53.	5.
832	0000	-836	37.8922	80.4252		MG	1.1	2.5	7.4	2.25	0.33	6.74	1688.	51.	5.
833	0000	-837	37.8922	80.4257		MG	1.0	2.5	7.1	2.49	0.36	6.98	1657.	52.	6.
834	0000	-837	37.8921	80.4263		MG	1.0	2.3	7.1	2.38	0.33	7.29	1632.	49.	6.
835	0000	-836	37.8921	80.4269		MG	0.9	2.6	6.9	2.85	0.37	7.65	1634.	48.	6.
836	0000	-836	37.8921	80.4274		MG	0.9	2.5	7.0	2.86	0.35	8.11	1611.	45.	6.
837	0000	-835	37.8921	80.4280		MG	0.8	2.2	7.3	2.74	0.31	8.97	1585.	45.	7.
838	0000	-834	37.8920	80.4285		MG	0.8	2.0	7.4	2.54	0.27	9.37	1563.	45.	9.
839	0000	-833	37.8920	80.4292		MG	0.7	2.2	7.2	3.00	0.30	10.01	1522.	48.	10.
840	0000	-834	37.8921	80.4297		MG	0.7	2.1	6.8	2.97	0.31	9.61	1494.	48.	10.
841	0000	-835	37.8921	80.4303		MG	0.7	2.0	6.3	2.77	0.31	8.91	1448.	51.	12.
842	0000	-835	37.8920	80.4308		MG	0.7	1.6 -	6.7	2.18	0.24	9.10	1416.	51.	12.
843	0000	-834	37.8920	80.4314		MG	0.7	1.4 -	6.6	1.95	0.21 -	9.16	1398.	52.	13.
844	0000	-833	37.8920	80.4320		MG	0.7	1.3 -	6.3	1.88	0.21 -	9.01	1368.	52.	13.
845	0000	-835	37.8920	80.4325		MG	0.7 -	1.4 -	5.8 -	2.08	0.24	8.76	1340.	53.	12.
846	0000	-836	37.8920	80.4331		MG	0.7	1.2 -	5.8 -	1.75	0.21 -	8.47	1328.	51.	12.
847	0000	-836	37.8920	80.4336		MG	0.7	1.1 --	5.8 -	1.57 -	0.18 -	8.[illegible]	1313.	51.	12.
848	0000	-836	37.8920	80.4342		MG	0.7	1.0 --	6.1	1.47 -	0.16 --	9.09	1331.	50.	12.
849	0000	-835	37.8920	80.4348		MG	0.7 -	1.0 --	6.1 -	1.53 -	0.16 --	9.31	1329.	55.	12.
850	0000	-835	37.8919	80.4354		MG	0.6 -	1.3 -	6.0 -	2.15	0.23 -	9.51	1337.	55.	12.
851	0000	-834	37.8919	80.4359		MG	0.6 -	1.6 -	6.1	2.58	0.26	10.07	1349.	59.	12.
852	0000	-834	37.8919	80.4365		MG	0.7 -	1.6 -	6.1	2.46	0.26	9.35	1345.	58.	12.
853	0000	-834	37.8919	80.4370		MG	0.7 -	1.4 -	6.3	2.09	0.22 -	9.58	1367.	59.	13.
854	0000	-833	37.8919	80.4376		MG	0.7	1.4 -	6.4	1.91	0.22 -	8.74	1406.	57.	13.
855	0000	-834	37.8919	80.4382		MG	0.8	1.5 -	6.5	1.96	0.23	8.34	1441.	55.	13.
856	0000	-835	37.8919	80.4388		MG	0.9	1.6 -	6.3	1.74	0.25	7.01	1511.	55.	13.
857	0000	-834	37.8919	80.4394		MG	1.0	1.4 -	6.7	1.44 -	0.22 -	6.66	1555.	55.	12.
858	0000	-834	37.8919	80.4399		MG	1.1	1.5 -	6.8	1.38 -	0.22 -	6.21	1605.	55.	11.
859	0000	-834	37.8918	80.4405		MG	1.1	1.6 -	7.2	1.48 -	0.22 -	6.60	1659.	55.	11.
860	0000	-833	37.8918	80.4410		MG	1.1	2.0	7.5	1.82	0.27	6.71	1688.	54.	9.
861	0000	-833	37.8918	80.4416		MG	1.1	2.1	8.6 +	1.82	0.24	7.63	1711.	57.	7.
862	0000	-833	37.8918	80.4422		MG	1.1	2.1	8.6	1.85	0.24	7.61	1696.	59.	6.
863	0000	-833	37.8918	80.4428		MG	1.0	2.3	8.2	2.20	0.28	7.88	1643.	57.	4.
864	0000	-833	37.8918	80.4434		MG	1.0	2.4	8.1	2.42	0.30	8.06	1632.	56.	4.
865	0000	-832	37.8918	80.4439		MG	1.0	2.4	8.1	2.43	0.29	8.42	1590.	55.	3.
866	0000	-832	37.8918	80.4445		MG	1.0	2.3	8.0	2.43	0.29	8.41	1552.	55.	2.
867	0000	-833	37.8918	80.4451		MG	0.9	2.3	7.6	2.46	0.30	8.12	1523.	54.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-832	37.8918	80.4457	MBF-2	0.9	2.4	6.6	2.66 +	0.36 +	7.31	1493.	55.	1.
869	0000	-832	37.8918	80.4462	MBF-2	1.0	2.3	6.7	2.26	0.34 +	6.69	1494.	54.	1.
870	0000	-832	37.8918	80.4467	MBF-2	1.0	1.8	7.4	1.74	0.24	7.15	1499.	53.	2.
871	0000	-832	37.8918	80.4474	MBF-2	1.0	1.7	7.5	1.70	0.23	7.24	1496.	53.	2.
872	0000	-833	37.8918	80.4479	MBF-2	1.1	1.8	7.3	1.70	0.25	6.92	1528.	53.	2.
873	0000	-834	37.8918	80.4485	MBF-2	1.1	1.8	7.5	1.63	0.24	6.88	1553.	54.	2.
874	0000	-834	37.8918	80.4491	MBF-2	1.1	1.7	7.6	1.47	0.22	6.76	1561.	54.	2.
875	0000	-834	37.8918	80.4497	MBF-2	1.1	1.5	7.6	1.33	0.20	6.66	1543.	53.	3.
876	0000	-834	37.8918	80.4502	MBF-2	1.1	1.6	7.3	1.43	0.22	6.57	1541.	53.	4.
877	0000	-833	37.8918	80.4508	MBF-2	1.1	1.9	7.1	1.66	0.27	6.22	1558.	56.	5.
878	0000	-834	37.8918	80.4514	MBF-2	1.2	1.8	7.0	1.57	0.26	5.95	1595.	57.	6.
879	0000	-835	37.8918	80.4519	MBF-2	1.2	1.7	6.8	1.39	0.25	5.62 -	1586.	57.	8.
880	0000	-835	37.8918	80.4525	MBF-2	1.2	1.5	6.7	1.24 -	0.23	5.42 -	1571.	55.	9.
881	0000	-834	37.8918	80.4531	MBF-2	1.2	1.3 -	6.8	1.04 -	0.19 -	5.48 -	1573.	57.	11.
882	0000	-834	37.8918	80.4536	MBF-2	1.3	1.3 -	6.7	0.97 -	0.19 -	5.13 -	1602.	57.	12.
883	0000	-834	37.8918	80.4542	MBF-2	1.3	1.2 -	7.1	0.97 -	0.18 -	5.50 -	1617.	57.	11.
884	0000	-834	37.8918	80.4548	MBF-2	1.2	1.4 -	7.0	1.13 -	0.20	5.64 -	1613.	56.	10.
885	0000	-834	37.8918	80.4554	MBF-2	1.2	1.5	6.8	1.24 -	0.23	5.49 -	1583.	55.	9.
886	0000	-834	37.8917	80.4560	MBF-2	1.3	1.6	7.2	1.32	0.23	5.78 -	1585.	54.	8.
887	0000	-835	37.8917	80.4565	MBF-2	1.3	1.5	7.1	1.15 -	0.21	5.37 -	1594.	56.	8.
888	0000	-835	37.8917	80.4571	MBF-2	1.3	1.9	6.9	1.49	0.28	5.37 -	1594.	55.	6.
889	0000	-833	37.8917	80.4577	MBF-2	1.3	2.0	6.9	1.58	0.29	5.47 -	1584.	56.	5.
890	0000	-835	37.8917	80.4582	MBF-2	1.2	2.1	6.6	1.73	0.32	5.40 -	1547.	57.	4.
891	0000	-835	37.8917	80.4588	MBF-2	1.2	2.0	6.5	1.64	0.31	5.37 -	1511.	58.	4.
892	0000	-833	37.8917	80.4594	MBF-2	1.2	1.7	6.3	1.42	0.27	5.29 -	1464.	59.	4.
893	0000	-834	37.8917	80.4600	MBF-2	1.1	1.6	5.6 -	1.50	0.29	5.14 -	1395.	59.	4.
894	0000	-834	37.8918	80.4605	MBF-2	0.9	1.6	5.5 -	1.69	0.29	5.80 -	1326.	60.	5.
895	0000	-833	37.8917	80.4611	MBF-2	1.0	1.3 -	5.2 -	1.36	0.25	5.43 -	1272.	61.	7.
896	0000	-833	37.8917	80.4617	MBF-2	0.9	1.2 -	4.9 -	1.29	0.24	5.35 -	1249.	59.	8.
897	0000	-833	37.8917	80.4623	MBF-2	0.9	1.0 -	5.0 -	1.06 -	0.20	5.31 -	1265.	59.	10.
898	0000	-833	37.8917	80.4629	MBF-2	1.0	0.8 --	5.3 -	0.85 --	0.16 -	5.46 -	1310.	59.	11.
899	0000	-833	37.8917	80.4634	MBF-2	1.0	0.8 --	5.9 -	0.75 --	0.13 -	5.73 -	1345.	56.	11.
900	0000	-833	37.8917	80.4640	MBF-2	1.1	0.7 --	6.2	0.62 ---	0.10 --	5.87	1382.	57.	12.
901	0000	-833	37.8917	80.4645	MBF-2	1.0	0.9 --	6.0	0.82 --	0.14 -	5.79 -	1400.	56.	11.
902	0000	-833	37.8917	80.4651	MBF-2	1.0	1.0 -	6.0 -	1.03 -	0.17 -	6.04	1393.	58.	9.
903	0000	-833	37.8917	80.4657	MBF-2	0.9	1.1 -	6.0 -	1.19 -	0.19 -	6.35	1356.	59.	7.
904	0000	-833	37.8917	80.4663	MBF-2	0.9	1.1 -	5.7 -	1.23 -	0.19	6.36	1314.	59.	6.
905	0000	-833	37.8917	80.4669	MBF-2	0.9	1.0 -	5.4 -	1.16 -	0.19 -	6.17	1241.	59.	5.
906	0000	-832	37.8917	80.4674	MBF-2	0.8 -	1.2 -	4.9 -	1.48	0.24	6.11	1188.	61.	4.
907	0000	-832	37.8917	80.4680	MBF-2	0.8 -	1.3 -	4.8 -	1.65	0.27	6.19	1144.	61.	3.
908	0000	-833	37.8917	80.4686	MBF-2	0.8 -	1.2 -	4.5 --	1.44	0.26	5.60 -	1109.	60.	2.
909	0000	-833	37.8917	80.4692	MBF-2	0.8 -	1.0 -	4.7 --	1.27 -	0.22	5.77 -	1097.	57.	2.
910	0000	-832	37.8917	80.4697	MBF-2	0.8 -	1.0 -	4.5 --	1.23 -	0.22	5.56 -	1074.	57.	2.
911	0000	-832	37.8917	80.4702	MBF-2	0.8 -	1.1 -	4.4 --	1.46	0.26	5.67 -	1042.	57.	1.
912	0000	-832	37.8917	80.4709	MBF-2	0.7 -	1.1 -	4.1 --	1.87	0.33	5.73 -	1031.	55.	1.
913	0000	-832	37.8916	80.4714	MBF-2	0.7 -	1.4 -	4.3 --	1.91	0.33	5.83	1043.	54.	1.
914	0000	-832	37.8916	80.4720	MBF-2	0.8 -	1.4 -	4.1 --	1.79	0.34 +	5.33 -	1087.	54.	2.
915	0000	-832	37.8916	80.4725	MBF-2	0.8 -	1.4	4.4 --	1.78	0.33	5.38 -	1136.	54.	3.
916	0000	-832	37.8916	80.4732	MBF-2	0.8	1.7	4.4 --	2.05	0.39 +	5.27 -	1196.	54.	4.
917	0000	-832	37.8916	80.4737	MBF-2	0.9	1.6	4.6 --	1.39	0.35 +	5.34 -	1251.	54.	6.
918	0000	-832	37.8917	80.4743	MBF-2	0.9	1.7	4.9 -	1.83	0.35 +	5.26 -	1302.	54.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-831	37.8917	80.4749	MBF-2	0.9	1.6	4.7 -	1.67	0.33	5.01 -	1300.	56.	8.
920	0000	-831	37.8917	80.4754	MBF-2	0.9	1.6	4.5 --	1.71	0.35 +	4.86 --	1266.	55.	9.
921	0000	-831	37.8917	80.4760	MBF-2	0.9	1.5	4.5 --	1.69	0.33	5.19 -	1207.	56.	9.
922	0000	-831	37.8916	80.4765	MBF-2	0.8 -	1.5	4.5 --	1.87	0.34 +	5.54 -	1157.	58.	8.
923	0000	-830	37.8916	80.4771	MBF-2	0.8	1.4	4.4 --	1.72	0.32	5.35 -	1111.	60.	7.
924	0000	-830	37.8916	80.4777	MBF-2	0.8 -	1.4 -	4.6 --	1.74	0.30	5.73 -	1075.	60.	6.
925	0000	-830	37.8916	80.4783	MBF-2	0.8 -	1.4 -	4.1 --	1.78	0.33	5.44 -	1030.	61.	5.
926	0000	-831	37.8916	80.4789	MBF-2	0.7 -	1.4 -	4.2 --	1.92	0.33	5.86	1017.	60.	5.
927	0000	-830	37.8916	80.4794	MBF-2	0.7 -	1.1 -	4.3 --	1.59	0.26	6.04	999.	64.	5.
928	0000	-831	37.8916	80.4800	MBF-2	0.7 -	1.2 -	4.5 --	1.79	0.27	6.62	1015.	64.	6.
929	0000	-830	37.8916	80.4806	MBF-2	0.7 -	1.0 -	4.5 --	1.53	0.23	6.56	1028.	61.	7.
930	0000	-830	37.8916	80.4812	MBF-2	0.6 -	0.8 --	4.5 --	1.34	0.18 -	7.28	1017.	60.	9.
931	0000	-830	37.8916	80.4818	MBF-2	0.6 +	1.1	4.4	1.79 -	0.24 -	7.32 -	1032.	57.	9.
932	0000	-831	37.8916	80.4823	MBF-2	0.6 -	0.9 --	4.8 -	1.44	0.19 -	7.72	1066.	55.	11.
933	0000	-830	37.8916	80.4829	MBF-2	0.7 -	0.8 --	5.1 -	1.27 -	0.16 -	7.75	1103.	54.	10.
934	0000	-830	37.8916	80.4834	MBF-2	0.7 -	1.1 -	5.2 -	1.59	0.21	7.74	1159.	52.	10.
935	0000	-830	37.8916	80.4840	MBF-2	0.7 -	1.4 -	5.6 -	1.91	0.25	7.65	1208.	49.	8.
936	0000	-829	37.8916	80.4846	MBF-2	0.8 -	1.6	6.0	2.07	0.26	7.95	1269.	48.	6.
937	0000	-829	37.8916	80.4852	MBF-2	0.9	1.8	6.2	2.[illegible]	0.29	7.18	1351.	48.	5.
938	0000	-829	37.8916	80.4858	MBF-2	0.9	1.7	6.4	1.89	0.27	7.02	1368.	50.	4.
939	0000	-828	37.8916	80.4863	MBF-2	0.9	1.8	6.8	1.98	0.26	7.54	1350.	51.	2.
940	0000	-829	37.8915	80.4869	MBF-2	0.9	1.8	6.6	2.11	0.28	7.61	1314.	51.	2.
941	0000	-828	37.8915	80.4875	MG	0.8	1.7	6.6	2.09	0.26	7.93	1276.	51.	2.
942	0000	-826	37.8915	80.4880	MG	0.8	1.5 -	6.0 -	1.84	0.24	7.53	1234.	52.	3.
943	0000	-827	37.8915	80.4886	MG	0.8	1.5 -	5.9 -	1.88	0.25	7.63	1206.	54.	3.
944	0000	-828	37.8915	80.4892	MG	0.7	1.5 -	5.9 -	2.04	0.25	8.29	1164.	55.	3.
945	0000	-826	37.8915	80.4897	MG	0.7	1.4 -	5.9 -	1.89	0.23 -	8.14	1180.	54.	2.
946	0000	-826	37.8915	80.4903	MG	0.8	1.6 -	5.6 -	1.93	0.28	6.91	1232.	51.	2.
947	0000	-826	37.8915	80.4909	MG	0.8	1.[illegible]	5.6 -	2.25	0.34	6.66	1297.	52.	2.
948	0000	-826	37.8915	80.4915	MG	0.9	2.2	5.7 -	2.55	0.39	6.52	1358.	53.	1.
949	0000	-826	37.8915	80.4921	MG	0.9	2.5	6.1 -	2.69	0.41	6.54	1436.	51.	0.
950	0000	-826	37.8915	80.4927	MG	1.0	2.7	6.1	2.58	0.44 +	5.88 -	1515.	49.	1.
951	0000	-826	37.8915	80.4932	MG	1.1	2.9	6.2	2.70	0.46 +	5.85 -	1562.	49.	1.
952	0000	-826	37.8915	80.4938	MG	1.1	3.2 +	6.2	2.83	0.51 +	5.55 -	1600.	49.	1.
953	0000	-325	37.8915	80.4943	MG	1.1	3.2 +	6.0 -	2.91	0.53 +	5.53 -	1608.	52.	1.
954	0000	-824	37.8915	80.4949	MG	1.1	2.8	6.1	2.49	0.46 +	5.43 -	1607.	51.	2.
955	0000	-823	37.8915	80.4955	MG	1.2	2.4	6.3	2.06	0.38	5.37 -	1607.	52.	2.
956	0000	-822	37.8915	80.4960	MG	1.3 +	2.0	6.3	1.58	0.32	4.99 -	1589.	55.	2.
957	0000	-822	37.8915	80.4966	MG	1.2	2.0	6.3	1.60	0.31	5.13 -	1547.	56.	2.
958	0000	-822	37.8915	80.4972	MBF-2	1.3	1.8	6.4	1.41	0.29	4.95 -	1546.	55.	2.
959	0000	-822	37.8915	80.4978	MBF-2	1.3	1.7	6.8	1.27 -	0.25	5.16 -	1577.	56.	2.
960	0000	-821	37.8915	80.4984	MBF-2	1.4 +	1.6	7.2	1.15 -	0.22	5.20 -	1600.	56.	2.
961	0000	-820	37.8915	80.4989	MBF-2	1.4 +	1.8	7.5	1.26 -	0.24	5.26 -	1635.	53.	2.
962	0000	-820	37.8915	80.4995	MBF-2	1.4 +	1.9	7.6	1.35	0.25	5.35 -	1658.	52.	1.
963	0000	-820	37.8915	80.5000	MBF-2	1.3 +	2.1	7.6	1.59	0.28	5.62 -	1658.	51.	2.
964	0000	-820	37.8915	80.5006	MBF-2	1.3	1.9	7.8	1.45	0.25	5.89	1665.	53.	2.
965	0000	-819	37.8915	80.5012	MBF-2	1.3	1.9	7.9	1.44	0.23	6.13	1652.	55.	2.
966	0000	-818	37.8915	80.5018	MBF-2	1.2	1.9	7.4	1.54	0.25	6.10	1605.	56.	3.
967	0000	-818	37.8914	80.5024	MG	1.1	1.9	7.5	1.70	0.25	6.83	1574.	54.	3.
968	0000	-818	37.8914	80.5029	MG	1.1	1.7	7.1	1.56 -	0.24	6.43	1555.	57.	4.
969	0000	-818	37.8914	80.5035	MG	1.1	1.9	6.9	1.76	0.27	6.48	1553.	56.	4.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-818	37.8914	80.5041		MG	1.0	2.0	7.0	1.97	0.28	7.05	1547.	57.	4.
971	0000	-818	37.8914	80.5047		MG	1.0	2.0	6.9	2.14	0.30	7.16	1526.	56.	3.
972	0000	-817	37.8914	80.5053		MG	0.9	2.2	6.7	2.44	0.32	7.50	1530.	53.	3.
973	0000	-817	37.8914	80.5058		MG	0.8	2.3	6.5	2.76	0.36	7.77	1533.	51.	4.
974	0000	-816	37.8914	80.5063		MG	0.8	2.6	6.2	3.25	0.42 +	7.65	1558.	51.	4.
975	0000	-815	37.8914	80.5069		MG	0.8	2.9	6.5	3.80	0.44 +	8.68	1573.	50.	3.
976	0000	-814	37.8914	80.5075		MG	0.8	2.9	6.3	3.79	0.45 +	8.33	1567.	53.	3.
977	0000	-814	37.8914	80.5081		MG	0.8	3.0 +	6.2	3.91 +	0.48 +	8.10	1587.	52.	4.
978	0000	-815	37.8914	80.5087		MG	0.8	3.1 +	6.3	3.89 +	0.49 +	7.97	1616.	51.	4.
979	0000	-814	37.8914	80.5093		MG	0.8	3.0 +	6.1	3.61	0.50 +	7.26	1624.	53.	5.
980	0000	-812	37.8914	80.5098		MG	0.9	3.0 +	6.8	3.38	0.44 +	7.73	1638.	54.	6.
981	0000	-813	37.8914	80.5104		MG	0.9	3.0 +	6.6	3.35	0.45 +	7.44	1646.	53.	7.
982	0000	-813	37.8914	80.5110		MG	0.9	2.9	6.7	3.29	0.43 +	7.74	1633.	51.	8.
983	0000	-809	37.8914	80.5116		MG	0.9	2.7	7.5	3.19	0.37	8.70	1646.	49.	8.
984	0000	-808	37.8914	80.5121		MG	0.9	2.7	7.6	3.01	0.35	8.51	1640.	49.	8.
985	0000	-807	37.8914	80.5127		MG	0.9	2.6	7.4	2.98	0.35	8.42	1619.	50.	9.
986	0000	-806	37.8914	80.5132		MG	0.8	2.7	7.7	3.23	0.35	9.28	1614.	47.	8.
987	0000	-805	37.8914	80.5136		MG	0.8	2.6	7.3	3.30	0.36	9.18	1592.	46.	7.
988	0000	-804	37.8914	80.5142		MG	0.8	2.3	8.0	2.81	0.29	9.74	1566.	47.	6.
989	0000	-805	37.8915	80.5147		MG	0.9	2.3	7.8	2.64	0.29	9.09	1575.	48.	7.
990	0000	-807	37.8915	80.5152		MG	0.9	2.3	7.4	2.64	0.31	8.65	1565.	50.	7.
991	0000	-807	37.8915	80.5157		MG	0.8	2.4	7.3	2.98	0.33	8.99	1587.	50.	8.
992	0000	-806	37.8915	80.5163		MG	0.8	2.6	7.9	3.31	0.33	10.01	1633.	50.	8.
993	0000	-807	37.8915	80.5167		MG	0.8	2.6	8.0	3.38	0.32	10.43 +	1658.	53.	10.
994	0000	-806	37.8915	80.5173		MG	0.7	2.6	8.6	3.54	0.30	11.77 +	1692.	54.	11.
995	0000	-805	37.8915	80.5178		MMCC	0.8	2.7 +	8.6	3.53 +	0.31	11.44 +	1745.	54.	11.
996	0000	-804	37.8915	80.5183		MMCC	0.7	2.7 +	9.0 +	3.71 +	0.30	12.23 +	1762.	58.	11.
997	0000	-803	37.8916	80.5188		MMCC	0.7	3.1 +	9.1 +	4.33 +	0.33	12.94 +	1783.	57.	11.
998	0000	-802	37.8916	80.5193		MMCC	0.7	2.8 +	9.0 +	3.79 +	0.31	12.34 +	1740.	57.	10.
999	0000	-801	37.8916	80.5198		MMCC	0.7	2.6 +	8.6	3.80 +	0.30	12.50 +	1696.	58.	10.
1000	0000	-801	37.8916	80.5204		MMCC	0.7	2.6 +	8.6	3.47 +	0.30	11.46 +	1677.	57.	9.
1001	0000	-801	37.8917	80.5209		MPO	0.8	2.6 +	8.6	3.36	0.31	10.97	1694.	56.	8.
1002	0000	-800	37.8917	80.5214		MPO	0.7	2.6 +	8.9	3.59	0.30	12.06	1704.	57.	7.
1003	0000	-798	37.8917	80.5219		MPO	0.7	2.7 +	9.2 +	3.71	0.29	12.76	1728.	53.	6.
1004	0000	-797	37.8917	80.5224		MPO	0.7	2.5 +	9.9 +	3.31	0.25	13.27	1768.	53.	6.
1005	0000	-797	37.8917	80.5229		MPO	0.7	2.7 +	10.8 +	3.61	0.25	14.58 +	1836.	53.	5.
1006	0000	-797	37.8917	80.5234		MPO	0.8	2.8 +	11.6 +	3.49	0.24	14.41 +	1896.	53.	4.
1007	0000	-795	37.8917	80.5240		MPO	0.8	2.7 +	11.7 +	3.50	0.23	15.26 +	1933.	52.	4.
1008	0000	-797	37.8917	80.5245		MPO	0.8	2.7 +	11.6 +	3.39	0.23	14.83 +	1910.	53.	4.
1009	0000	-798	37.8918	80.5251		MPO	0.8	2.5 +	11.2 +	3.17	0.23	14.10 +	1857.	51.	5.
1010	0000	-795	37.8918	80.5255		MPO	0.8	2.3	10.6 +	3.01	0.22	13.88 +	1774.	52.	5.
1011	0000	-793	37.8918	80.5260		MPO	0.7	2.1	9.5 +	2.90	0.22	12.90	1660.	51.	5.
1012	0000	-793	37.8918	80.5266		MPO	0.7	1.8	8.7	2.64	0.21	12.64	1541.	52.	5.
1013	0000	-792	37.8919	80.5271		MPO	0.6	1.6	7.6	2.57	0.22	11.82	1426.	52.	5.
1014	0000	-791	37.8919	80.5276		MPO	0.6	1.7	7.0	2.86	0.24	11.98	1329.	52.	5.
1015	0000	-790	37.8919	80.5282		MPO	0.5	1.8	6.5	3.26	0.27	12.10	1253.	50.	4.
1016	0000	-789	37.8919	80.5287		MPO	0.5	1.7	5.8	3.57	0.30	11.99	1187.	51.	3.
1017	0000	-788	37.8919	80.5292		MPO	0.5	1.7	5.5	3.47	0.31	11.05	1168.	51.	3.
1018	0000	-788	37.8919	80.5297		MPO	0.5	1.8	5.5	3.53	0.32	11.01	1178.	52.	3.
1019	0000	-787	37.8919	80.5302		MPO	0.5	1.9	5.2	3.74	0.36	10.46	1195.	52.	4.
1020	0000	-786	37.8919	80.5307		MPO	0.5	2.0	5.4	4.04	0.37 +	10.83	1218.	50.	4.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-786	37.8920	80.5312	MPO	0.5	1.8	5.5	3.42	0.33	10.39	1226.	52.	5.
1022	0000	-785	37.8920	80.5318	MPO	0.6	1.8	5.7	3.15	0.32	9.87	1252.	54.	5.
1023	0000	-783	37.8920	80.5323	MPO	0.6	1.9	6.0	3.26	0.31	10.39	1274.	54.	5.
1024	0000	-783	37.8920	80.5328	MPO	0.5	1.9	6.0	3.55	0.32	10.83	1271.	56.	5.
1025	0000	-782	37.8921	80.5333	MPO	0.5	1.9	6.0	4.01	0.32	12.69	1231.	56.	5.
1026	0000	-781	37.8921	80.5338	MPO	0.5	1.8	6.0	3.75	0.30	12.34	1193.	55.	4.
1027	0000	-781	37.8921	80.5343	MPO	0.5	1.6	6.0	3.45	0.26	13.08	1158.	55.	4.
1028	0000	-780	37.8921	80.5348	MPO	0.5	1.6	5.7	3.63	0.29	12.69	1120.	56.	4.
1029	0000	-779	37.8921	80.5353	MPO	0.4 -	1.5	5.5	4.06	0.28	14.41 +	1050.	58.	4.
1030	0000	-778	37.8921	80.5359	MPO	0.4 -	1.3	5.2	3.49	0.25	13.70 +	986.	59.	3.
1031	0000	-777	37.8921	80.5364	MPO	0.4 -	1.4	5.1	3.72	0.27	13.72 +	962.	55.	2.
1032	0000	-776	37.8921	80.5369	MPO	0.5	1.4	5.0	3.00	0.28	10.57	969.	55.	2.
1033	0000	-774	37.8922	80.5374	MPO	0.5	1.6	5.0	3.31	0.32	10.21	996.	54.	1.
1034	0000	-773	37.8922	80.5380	MPO	0.5	1.8	4.9	3.52	0.36	9.81	1001.	54.	1.
1035	0000	-772	37.8922	80.5384	MPO	0.5	1.8	5.0	3.61	0.36	9.97	1017.	54.	1.
1036	0000	-771	37.8922	80.5389	MMCC	0.5 -	1.8	4.9 -	3.42 +	0.37 +	9.13	1055.	52.	0.
1037	0000	-771	37.8923	80.5395	MMCC	0.5 -	2.1	4.7 -	3.90 +	0.45 +	8.69	1097.	51.	0.
1038	0000	-768	37.8923	80.5400	MMCC	0.6 -	2.2	4.6 -	3.86 +	0.48 +	8.06	1127.	52.	1.
1039	0000	-765	37.8923	80.5405	MMCC	0.6 -	2.3	5.0 -	3.98 +	0.46 +	8.67	1177.	52.	1.
1040	0000	-765	37.8923	80.5411	MMCC	0.6	2.3	5.2 -	3.72 +	0.44 +	8.46	1213.	51.	1.
1041	0000	-764	37.8923	80.5415	MMCC	0.7	2.1	5.2 -	3.08	0.41 +	7.55	1248.	50.	2.
1042	0000	-763	37.8923	80.5421	MG	0.8	2.3	5.5 -	3.04	0.41	7.32	1309.	49.	2.
1043	0000	-761	37.8923	80.5426	MG	0.8	2.4	5.7 -	3.00	0.41	7.31	1380.	49.	3.
1044	0000	-759	37.8923	80.5431	MG	0.9	2.4	6.1	2.71	0.38	7.08	1449.	48.	4.
1045	0000	-760	37.8924	80.5436	MG	0.9	2.4	6.4	2.72	0.38	7.16	1492.	50.	3.
1046	0000	-760	37.8924	80.5442	MG	0.9	2.4	6.1	2.71	0.39	6.94	1500.	51.	4.
1047	0000	-757	37.8924	80.5447	MG	0.9	2.4	5.9 -	2.80	0.41	6.87	1497.	52.	4.
1048	0000	-755	37.8924	80.5452	MG	0.8	2.6	6.1 -	3.18	0.43 +	7.36	1504.	53.	3.
1049	0000	-753	37.8925	80.5457	MG	0.8	2.6	6.1	3.39	0.42 +	8.00	1493.	56.	3.
1050	0000	-752	37.8925	80.5462	MG	0.8	2.6	6.2	3.15	0.41	7.63	1503.	55.	2.
1051	0000	-752	37.8925	80.5467	MG	0.8	2.5	6.4	3.06	0.39	7.74	1509.	54.	1.
1052	0000	-750	37.8925	80.5472	MG	0.8	2.5	6.6	2.98	0.37	7.98	1508.	53.	1.
1053	0000	-749	37.8925	80.5478	MG	0.8	2.4	6.5	2.94	0.38	7.81	1497.	54.	1.
1054	0000	-748	37.8925	80.5483	MG	0.8	2.3	6.9	2.66	0.32	8.20	1509.	55.	1.
1055	0000	-746	37.8925	80.5488	MG	0.9	2.1	7.0	2.39	0.31	7.77	1525.	56.	2.
1056	0000	-745	37.8925	80.5493	MG	1.0	2.0	7.1	1.99	0.28	7.20	1546.	53.	4.
1057	0000	-743	37.8926	80.5498	MG	1.0	1.7 -	7.1	1.76	0.24	7.33	1518.	54.	5.
1058	0000	-740	37.8926	80.5503	MG	0.9	1.7	7.0	1.93	0.25	7.73	1486.	54.	6.
1059	0000	-740	37.8926	80.5509	MG	0.9	1.5 -	7.2	1.63	0.21 -	7.76	1498.	56.	8.
1060	0000	-739	37.8926	80.5514	MG	1.0	1.5 -	7.5	1.55	0.20 -	7.78	1522.	56.	9.
1061	0000	-736	37.8927	80.5519	MG	1.0	1.6 -	7.3	1.67	0.22 -	7.50	1545.	54.	10.
1062	0000	-734	37.8927	80.5524	MG	1.0	1.6 -	7.5	1.63	0.22 -	7.55	1571.	53.	10.
1063	0000	-732	37.8927	80.5529	MG	1.0	1.7	7.2	1.72	0.24	7.08	1601.	55.	10.
1064	0000	-733	37.8927	80.5535	MG	1.1	1.9	7.4	1.82	0.26	7.01	1657.	54.	9.
1065	0000	-733	37.8927	80.5540	MG	1.1	2.1	7.5	1.91	0.28	6.79	1711.	53.	8.
1066	0000	-730	37.8927	80.5545	MG	1.1	2.5	7.3	2.25	0.34	6.66	1733.	52.	6.
1067	0000	-729	37.8927	80.5549	MG	1.1	2.7	7.3	2.48	0.36	6.81	1742.	51.	5.
1068	0000	-728	37.8927	80.5555	MG	1.1	2.8	7.3	2.62	0.38	6.81	1744.	53.	5.
1069	0000	-725	37.8927	80.5560	MG	1.1	2.9	7.3	2.61	0.40	6.55	1763.	53.	4.
1070	0000	-725	37.8928	80.5566	MG	1.1	2.9	7.3	2.62	0.40	6.55	1755.	53.	4.
1071	0000	-724	37.8928	80.5571	MBF-2	1.1	3.0 ++	7.1	2.77 +	0.42 ++	6.57	1733.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-722	37.8928	80.5576	MBF-2	1.1	2.7 +	7.0	2.51 +	0.38 +	6.60	1691.	55.	5.
1073	0000	-720	37.8928	80.5580	MBF-2	1.1	2.4 +	7.2	2.24	0.34 +	6.57	1685.	55.	5.
1074	0000	-719	37.8929	80.5586	MBF-2	1.1	2.4	7.4	2.17	0.32	6.73	1687.	55.	6.
1075	0000	-718	37.8929	80.5592	MBF-2	1.2	2.2	7.6	1.84	0.29	6.43	1680.	54.	6.
1076	0000	-716	37.8929	80.5597	MBF-2	1.1	2.0	7.6	1.78	0.27	6.70	1636.	55.	7.
1077	0000	-714	37.8929	80.5602	MBF-2	1.1	1.9	7.7	1.77	0.25	7.01	1599.	52.	7.
1078	0000	-713	37.8929	80.5607	MBF-2	1.0	1.8	7.2	1.69	0.24	6.94	1539.	53.	7.
1079	0000	-711	37.8929	80.5612	MBF-2	1.0	1.8	7.0	1.79	0.25	7.05	1488.	50.	7.
1080	0000	-710	37.8929	80.5617	MBF-2	0.9	1.5	6.8	1.68	0.23	7.46	1421.	51.	7.
1081	0000	-710	37.8929	80.5622	MBF-2	0.9	1.4 -	6.5	1.59	0.21	7.53	1341.	48.	7.
1082	0000	-709	37.8930	80.5627	MBF-2	0.7 -	1.3 -	6.4	1.77	0.20	8.78 +	1253.	46.	6.
1083	0000	-707	37.8930	80.5633	MBF-2	0.6 -	1.3 -	6.3	2.07	0.21	9.91 ++	1183.	46.	5.
1084	0000	-706	37.8930	80.5638	MBF-1	0.5 +	1.2	6.0 +	2.27 -	0.20 -	11.14	1121.	49.	5.
1085	0000	-704	37.8930	80.5643	MBF-1	0.5	1.3	5.9 +	2.65	0.22 -	12.22	1080.	51.	5.
1086	0000	-702	37.8931	80.5648	MBF-1	0.4	1.4	5.8 +	3.22	0.24 -	13.36	1051.	52.	5.
1087	0000	-700	37.8931	80.5653	MBF-1	0.4	1.5	5.9 +	3.56	0.26	13.84 +	1050.	52.	4.
1088	0000	-699	37.8931	80.5658	MBF-1	0.4	1.5	5.9 +	3.80	0.26	14.81 +	1076.	54.	5.
1089	0000	-697	37.8931	80.5664	MBF-1	0.4	1.7	6.0 +	4.41	0.28	15.56 +	1108.	56.	4.
1090	0000	-696	37.8931	80.5668	MBF-1	0.4	1.8	6.0 +	4.69	0.30	15.41 +	1155.	54.	5.
1091	0000	-695	37.8931	80.5674	MBF-1	0.4	2.1 +	6.0 +	4.72	0.34	13.84 +	1208.	52.	5.
1092	0000	-693	37.8931	80.5680	MBF-1	0.5	2.4 +	6.4 +	4.73	0.37	12.66	1266.	53.	5.
1093	0000	-690	37.8931	80.5684	MBF-1	0.6 +	2.4 +	6.7 ++	4.00	0.35	11.31	1344.	53.	5.
1094	0000	-689	37.8932	80.5689	MBF-2	0.7 -	2.5 +	6.9	3.70 ++	0.36 +	10.27 ++	1397.	52.	5.
1095	0000	-688	37.8932	80.5695	MBF-2	0.8 -	2.6 +	6.7	3.37 ++	0.38 +	8.84 +	1436.	55.	6.
1096	0000	-688	37.8932	80.5700	MBF-2	0.9	2.6 +	6.5	3.00 +	0.40 +	7.57	1475.	53.	7.
1097	0000	-687	37.8932	80.5705	MBF-2	0.9	2.7 +	6.3	2.88 +	0.42 ++	6.81	1500.	53.	7.
1098	0000	-685	37.8933	80.5711	MBF-2	0.9	2.7 +	6.5	2.89 +	0.42 ++	6.88	1513.	54.	7.
1099	0000	-683	37.8933	80.5715	MBF-2	1.0	2.4 +	6.8	2.53 +	0.36 +	7.01	1548.	52.	7.
1100	0000	-682	37.8933	80.5721	MBF-2	1.0	2.3	7.1	2.29	0.33	6.94	1548.	53.	8.
1101	0000	-682	37.8933	80.5726	MBF-2	1.0	2.1	6.6	2.13	0.33	6.53	1523.	54.	9.
1102	0000	-679	37.8933	80.5731	MBF-2	1.0	1.9	6.8	1.94	0.28	6.90	1516.	55.	9.
1103	0000	-676	37.8933	80.5736	MBF-2	0.9	1.8	7.1	1.91	0.25	7.57	1516.	57.	10.
1104	0000	-674	37.8933	80.5741	MBF-2	0.9	1.5	7.6	1.58	0.19 -	8.25 +	1519.	56.	11.
1105	0000	-673	37.8933	80.5746	MBF-2	0.9	1.2 -	7.8	1.36	0.16 -	8.55 +	1539.	56.	12.
1106	0000	-671	37.8934	80.5752	MBF-2	0.9	1.4	7.4	1.58	0.20	8.03	1535.	56.	13.
1107	0000	-669	37.8934	80.5757	MBF-2	0.9	1.6	7.2	1.68	0.22	7.70	1575.	54.	15.
1108	0000	-667	37.8934	80.5762	MBF-2	1.0	1.5	7.8	1.47	0.19 -	7.80	1632.	55.	15.
1109	0000	-666	37.8934	80.5767	MBF-2	1.0	1.6	7.9	1.55	0.20	7.79	1682.	54.	15.
1110	0000	-664	37.8935	80.5772	MBF-2	1.1	1.7	8.1	1.53	0.20	7.44	1743.	53.	15.
1111	0000	-662	37.8935	80.5777	MBF-2	1.2	2.2	7.6	1.82	0.28	6.41	1800.	52.	14.
1112	0000	-660	37.8935	80.5782	MBF-2	1.2	2.4	7.8	1.95	0.31	6.36	1837.	53.	13.
1113	0000	-658	37.8935	80.5788	MBF-2	1.3	2.2	8.4	1.75	0.26	6.62	1863.	53.	11.
1114	0000	-655	37.8935	80.5793	MBF-2	1.3	2.4	8.6 +	1.87	0.27	6.82	1862.	55.	9.
1115	0000	-654	37.8935	80.5798	MBF-2	1.3	2.5 +	8.9 +	1.91	0.28	6.91	1869.	53.	8.
1116	0000	-654	37.8935	80.5804	MBF-2	1.3	2.5 +	8.9 +	1.88	0.28	6.80	1851.	52.	6.
1117	0000	-653	37.8935	80.5809	MBF-2	1.3	2.3	9.0 +	1.75	0.25	6.90	1832.	52.	6.
1118	0000	-650	37.8936	80.5813	MBF-2	1.3	2.0	9.2 +	1.55	0.21	7.24	1800.	54.	5.
1119	0000	-649	37.8936	80.5818	MBF-2	1.3	1.9	8.9 +	1.42	0.21	6.74	1791.	55.	6.
1120	0000	-649	37.8936	80.5824	MBF-2	1.3	1.7	8.5	1.27	0.20	6.46	1762.	55.	7.
1121	0000	-647	37.8936	80.5829	MBF-2	1.3	1.5	8.0	1.17 -	0.19 -	6.28	1722.	55.	7.
1122	0000	-645	37.8937	80.5835	MBF-2	1.2	1.7	7.6	1.48	0.23	6.40	1674.	54.	6.

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FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-643	37.8937	80.5840	MBF-2	1.1	1.8	7.3	1.61	0.24	6.66	1619.	56.	6.
1124	0000	-641	37.8937	80.5845	MBF-2	1.0	1.8	6.7	1.70	0.27	6.39	1542.	58.	6.
1125	0000	-640	37.8937	80.5849	MBF-2	1.0	1.6	6.5	1.67	0.25	6.68	1468.	54.	5.
1126	0000	-639	37.8937	80.5855	MBF-2	0.9	1.5	6.2	1.71	0.24	7.22	1364.	52.	5.
1127	0000	-638	37.8937	80.5860	MBF-2	0.8 -	1.6	6.0 -	2.07	0.26	7.95	1293.	51.	4.
1128	0000	-637	37.8937	80.5865	MBF-2	0.7 -	1.4 -	6.1	1.99	0.22	8.90 +	1233.	52.	4.
1129	0000	-635	37.8937	80.5871	MBF-2	0.7 -	1.3 -	5.6 -	1.96	0.23	8.58 +	1176.	53.	4.
1130	0000	-635	37.8938	80.5876	MBF-2	0.6 -	1.4 -	5.3 -	2.17	0.26	8.26 +	1144.	52.	4.
1131	0000	-634	37.8938	80.5880	MBF-1	0.6 +	1.5	5.2	2.52	0.29	8.80	1121.	51.	5.
1132	0000	-632	37.8938	80.5886	MBF-1	0.6 +	1.6	5.1	2.89	0.32	9.08	1114.	53.	5.
1133	0000	-630	37.8938	80.5891	MBF-1	0.5 +	1.5	5.3	2.65	0.27	9.67	1101.	55.	6.
1134	0000	-629	37.8939	80.5896	MBF-1	0.5 +	1.5	5.4	2.69	0.27	9.90	1103.	56.	6.
1135	0000	-628	37.8939	80.5901	MBF-1	0.5	1.6	5.2	3.25	0.31	10.36	1088.	55.	7.
1136	0000	-627	37.8939	80.5907	MBF-1	0.5	1.6	5.6 +	3.36	0.29	11.66	1081.	55.	7.
1137	0000	-626	37.8939	80.5912	MBF-1	0.5	1.5	5.9 +	3.22	0.26	12.55	1084.	58.	8.
1138	0000	-623	37.8939	80.5917	MBF-1	0.5	1.6	6.1 +	3.18	0.26	12.42	1094.	58.	7.
1139	0000	-622	37.8939	80.5922	MBF-1	0.5	1.4	6.2 +	2.93	0.22 -	13.22	1084.	58.	8.
1140	0000	-620	37.8939	80.5927	MBF-1	0.5	1.5	6.0 +	3.41	0.25	13.20	1098.	56.	8.
1141	0000	-619	37.8939	80.5932	MBF-1	0.4	1.5	5.8 +	3.57	0.26	13.62	1096.	54.	9.
1142	0000	-618	37.8939	80.5937	MBF-1	0.4	1.4	5.6 +	3.29	0.26	12.80	1091.	59.	9.
1143	0000	-616	37.8940	80.5942	MBF-1	0.4	1.7	5.2	3.83	0.32	12.02	1095.	58.	9.
1144	0000	-615	37.8940	80.5948	MBF-1	0.5	1.6	5.1	3.55	0.31	11.35	1097.	54.	9.
1145	0000	-614	37.8940	80.5953	MBF-1	0.4	1.6	5.1	3.86	0.32	12.07	1082.	55.	9.
1146	0000	-612	37.8940	80.5958	MBF-1	0.4	1.8	4.9	4.19	0.37	11.33	1087.	55.	8.
1147	0000	-609	37.8940	80.5964	MBF-1	0.4	1.9	5.0	4.56	0.39	11.75	1089.	55.	7.
1148	0000	-608	37.8940	80.5968	MH	0.4 -	2.0	4.8 -	4.56 +	0.40 +	11.27 +	1086.	58.	6.
1149	0000	-605	37.8940	80.5974	MH	0.5 -	2.0	5.0 -	4.40 +	0.40 +	10.86 +	1108.	54.	5.
1150	0000	-603	37.8940	80.5978	MH	0.5 -	1.9	5.0 -	4.01 +	0.37 +	10.74 +	1123.	56.	4.
1151	0000	-603	37.8941	80.5984	MH	0.5 -	2.0	5.1 -	4.32 +	0.39 +	11.14 +	1148.	57.	3.
1152	0000	-601	37.8941	80.5989	MH	0.5 -	2.1	5.4	4.56 +	0.39 +	11.76 +	1192.	56.	2.
1153	0000	-598	37.8941	80.5995	MH	0.5 -	2.2	5.9	4.77 +	0.38 +	12.54 +	1237.	58.	2.
1154	0000	-599	37.8941	80.6000	MH	0.5	2.3 +	6.1	4.25 +	0.38 +	11.06 +	1288.	59.	1.
1155	0000	-598	37.8942	80.6005	MH	0.6	2.5 +	6.5	4.01 +	0.38 +	10.49	1333.	57.	0.
1156	0000	-596	37.8942	80.6010	MH	0.7	2.5 +	6.7	3.77 +	0.38 +	10.01	1387.	57.	0.
1157	0000	-595	37.8942	80.6015	MH	0.7	2.7 +	7.0	3.79 +	0.38 +	9.93	1428.	56.	0.
1158	0000	-595	37.8942	80.6020	MH	0.7	2.5 +	7.8	3.45 +	0.32	10.64	1453.	56.	0.
1159	0000	-592	37.8942	80.6026	MH	0.8	2.5 +	7.7	3.16	0.32	9.96	1467.	57.	1.
1160	0000	-591	37.8942	80.6031	MH	0.8	2.3 +	7.4	2.90	0.31	9.27	1467.	55.	2.
1161	0000	-589	37.8942	80.6036	MH	0.8	2.2	7.5	2.78	0.29	9.58	1458.	55.	2.
1162	0000	-587	37.8942	80.6041	MH	0.8	2.0	7.4	2.63	0.28	9.50	1465.	51.	3.
1163	0000	-587	37.8943	80.6046	MH	0.8	1.9	7.4	2.50	0.26	9.61	1453.	53.	3.
1164	0000	-586	37.8943	80.6051	MH	0.7	1.8	7.1	2.52	0.26	9.68	1433.	52.	4.
1165	0000	-584	37.8943	80.6056	MH	0.7	1.9	6.3	2.63	0.31	8.57	1419.	53.	5.
1166	0000	-582	37.8943	80.6062	MH	0.7	1.7	6.3	2.36	0.28	8.54	1399.	52.	5.
1167	0000	-580	37.8943	80.6067	MH	0.7	1.8	6.6	2.55	0.27	9.31	1381.	50.	5.
1168	0000	-579	37.8944	80.6072	MH	0.7	1.7	6.7	2.51	0.25	9.95	1355.	49.	5.
1169	0000	-578	37.8944	80.6077	MH	0.6	1.6	6.8	2.72	0.24	11.41 +	1317.	51.	5.
1170	0000	-573	37.8944	80.6082	MH	0.6	1.7	6.5	2.98	0.26	11.65 +	1282.	49.	5.
1171	0000	-569	37.8944	80.6087	MH	0.6	1.5	6.5	2.61	0.23	11.34 +	1260.	51.	6.
1172	0000	-569	37.8944	80.6093	MH	0.5	1.5	6.3	2.75	0.24	11.56 +	1240.	49.	6.
1173	0000	-570	37.8944	80.6097	MH	0.5 -	1.5	6.1	2.81	0.24	12.02 +	1227.	50.	7.

FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-569	37.8944	80.6104	MH	0.5 -	1.3	6.1	2.52	0.22	11.58 +	1224.	52.	8.
1175	0000	-569	37.8945	80.6109	MH	0.5	1.4	5.7	2.47	0.24	10.41	1216.	55.	9.
1176	0000	-569	37.8945	80.6113	MH	0.6	1.5	5.4	2.47	0.27	9.11	1226.	54.	11.
1177	0000	-567	37.8945	80.6118	MH	0.6	1.6	5.5	2.76	0.29	9.62	1251.	56.	11.
1178	0000	-565	37.8945	80.6124	MH	0.6	1.5	5.8	2.61	0.27	9.84	1258.	56.	10.
1179	0000	-566	37.8945	80.6129	MH	0.6	1.4	5.8	2.41	0.25	9.73	1260.	57.	11.
1180	0000	-565	37.8945	80.6134	MH	0.6	1.7	5.5	2.64	0.30	8.85	1271.	60.	11.
1181	0000	-561	37.8945	80.6139	MH	0.6	1.6	5.6	2.73	0.29	9.34	1273.	61.	10.
1182	0000	-559	37.8945	80.6144	MH	0.6	1.8	5.8	2.94	0.30	9.77	1294.	59.	8.
1183	0000	-558	37.8946	80.6149	MH	0.6	1.9	6.4	3.28	0.30	11.05 +	1321.	59.	6.
1184	0000	-557	37.8946	80.6155	MH	0.6	1.9	6.7	3.19	0.29	11.04 +	1350.	57.	5.
1185	0000	-555	37.8946	80.6160	MH	0.6	2.0	7.2	3.14	0.28	11.18 +	1404.	56.	4.
1186	0000	-555	37.8946	80.6165	MH	0.7	2.3 +	7.5	3.36 +	0.31	11.01 +	1441.	57.	3.
1187	0000	-555	37.8947	80.6170	MH	0.7	2.4 +	7.6	3.59 +	0.31	11.44 +	1466.	56.	3.
1188	0000	-552	37.8947	80.6175	MH	0.7	2.5 +	7.3	3.58 +	0.35 +	10.35	1487.	55.	3.
1189	0000	-550	37.8947	80.6180	MH	0.7	2.5 +	7.5	3.55 +	0.33	10.73	1471.	56.	2.
1190	0000	-551	37.8947	80.6186	MH	0.8	2.2	7.4	2.98	0.30	9.85	1436.	58.	2.
1191	0000	-550	37.8947	80.6191	MH	0.8	2.0	7.1	2.56	0.28	9.07	1394.	59.	3.
1192	0000	-546	37.8947	80.6196	MH	0.7	1.9	6.8	2.65	0.28	9.44	1340.	60.	4.
1193	0000	-545	37.8947	80.6201	MH	0.7	1.9	6.6	2.79	0.29	9.49	1314.	58.	4.
1194	0000	-543	37.8948	80.6206	MH	0.7	1.9	6.9	2.61	0.27	9.73	1299.	57.	3.
1195	0000	-542	37.8948	80.6211	MH	0.7	1.8	6.7	2.50	0.26	9.54	1276.	58.	3.
1196	0000	-543	37.8948	80.6216	MH	0.7	1.5	6.7	2.15	0.23	9.41	1300.	58.	4.
1197	0000	-541	37.8948	80.6222	MH	0.7	1.5	6.8	2.02	0.22	9.16	1343.	57.	6.
1198	0000	-538	37.8948	80.6227	MH	0.7	1.5	7.1	2.11	0.21	9.85	1370.	59.	7.
1199	0000	-540	37.8949	80.6232	MH	0.7	1.7	6.9	2.37	0.25	9.40	1419.	59.	7.
1200	0000	-538	37.8949	80.6237	MH	0.8	1.6	7.1	2.11	0.23	9.35	1462.	58.	9.
1201	0000	-536	37.8949	80.6242	MH	0.8	1.6	7.2	2.02	0.22	9.00	1509.	57.	9.
1202	0000	-537	37.8949	80.6248	MH	0.8	1.8	7.5	2.16	0.24	9.07	1567.	55.	9.
1203	0000	-535	37.8950	80.6253	MH	0.9	2.0	7.4	2.28	0.28	8.25	1591.	54.	9.
1204	0000	-533	37.8950	80.6258	MH	0.8	2.3 +	7.5	2.69	0.31	8.81	1600.	53.	8.
1205	0000	-535	37.8950	80.6264	MH	0.8	2.3 +	7.4	2.78	0.31	8.91	1591.	54.	8.
1206	0000	-533	37.8950	80.6268	MH	0.9	2.2	7.5	2.53	0.29	8.82	1558.	51.	8.
1207	0000	-528	37.8950	80.6273	MH	0.8	2.2	7.3	2.59	0.29	8.79	1511.	52.	8.
1208	0000	-527	37.8950	80.6279	MH	0.8	2.1	6.9	2.66	0.30	8.90	1441.	52.	9.
1209	0000	-528	37.8950	80.6284	MH	0.8	1.7	6.7	2.22	0.25	8.86	1366.	53.	10.
1210	0000	-527	37.8950	80.6289	MH	0.7	1.5	6.3	2.22	0.24	9.09	1311.	55.	11.
1211	0000	-526	37.8951	80.6294	MH	0.7	1.5	5.7	2.24	0.26	8.73	1255.	57.	12.
1212	0000	-525	37.8951	80.6300	MH	0.6	1.5	5.8	2.26	0.26	8.87	1237.	54.	11.
1213	0000	-525	37.8951	80.6305	MH	0.6	1.5	5.6	2.50	0.27	9.09	1226.	55.	11.
1214	0000	-524	37.8951	80.6310	MH	0.6	1.6	5.9	2.60	0.27	9.67	1231.	57.	9.
1215	0000	-523	37.8951	80.6315	MH	0.6	1.6	6.3	2.42	0.25	9.70	1263.	57.	7.
1216	0000	-522	37.8951	80.6320	MH	0.6	2.0	6.6	3.19	0.30	10.52	1309.	56.	5.
1217	0000	-524	37.8951	80.6325	MH	0.7	2.2	7.0	3.44 +	0.32	10.77	1362.	55.	3.
1218	0000	-522	37.8951	80.6330	MH	0.7	2.5 +	7.1	3.71 +	0.35 +	10.63	1405.	55.	2.
1219	0000	-520	37.8952	80.6335	MH	0.7	2.6 +	7.1	3.70 +	0.37 +	10.07	1428.	55.	1.
1220	0000	-521	37.8952	80.6342	MH	0.7	2.7 +	7.3	3.73 +	0.36 +	10.24	1457.	56.	0.
1221	0000	-520	37.8952	80.6348	MH	0.7	2.8 ++	7.1	3.84 +	0.40 +	9.69	1465.	56.	0.
1222	0000	-516	37.8952	80.6354	MH	0.8	2.7 +	7.0	3.53 +	0.38 +	9.25	1442.	57.	0.
1223	0000	-520	37.8952	80.6360	MH	0.8	2.5 +	6.9	3.30	0.36 +	9.08	1413.	58.	0.
1224	0000	-521	37.8952	80.6367	MH	0.7	2.4 +	6.8	3.43 +	0.35 +	9.86	1371.	57.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-516	37.8952	80.6373		MH	0.7	2.2	6.8	3.11	0.32	9.81	1325.	56.	0.
1226	0000	-515	37.8951	80.6379		MH	0.6	2.2	6.8	3.49 +	0.32	11.06 +	1280.	56.	0.
1227	0000	-519	37.8951	80.6385		MH	0.6	1.9	6.6	3.03	0.28	10.53	1232.	55.	1.
1228	0000	-518	37.8951	80.6392		QAL	0.6	1.7	6.5	2.84	0.27	10.61	1223.	52.	2.
1229	0000	-515	37.8951	80.6398		QAL	0.5	1.9	6.4	3.50 +	0.30	11.84 +	1214.	52.	3.
1230	0000	-514	37.8951	80.6404		QAL	0.5 -	1.8	6.0	3.49 +	0.31	11.39 +	1197.	51.	5.
1231	0000	-514	37.8951	80.6411		QAL	0.5 -	1.8	5.5	3.58 +	0.33 +	10.78	1176.	50.	6.
1232	0000	-512	37.8951	80.6417		QAL	0.5 -	1.8	5.5	3.43 +	0.32 +	10.60	1170.	50.	8.
1233	0000	-512	37.8951	80.6423		MH	0.6	1.5	5.4	2.63	0.29	9.11	1180.	53.	9.
1234	0000	-513	37.8951	80.6429		MH	0.6	1.5	5.5	2.46	0.28	8.87	1199.	53.	10.
1235	0000	-511	37.8951	80.6435		MH	0.6	1.3 -	5.6	2.01	0.23	8.85	1181.	55.	10.
1236	0000	-511	37.8951	80.6442		MH	0.6	1.2 -	5.7	1.94	0.22	8.91	1173.	53.	9.
1237	0000	-512	37.8951	80.6448		QAL	0.7	1.3	5.8	1.95	0.22 -	8.87	1172.	57.	8.
1238	0000	-511	37.8951	80.6454		QAL	0.7	1.2	6.0	1.59 -	0.19 -	8.20	1184.	60.	7.
1239	0000	-512	37.8951	80.6460		QAL	0.8 +	1.1 -	6.0	1.46 -	0.18 -	8.00 -	1191.	63.	7.
1240	0000	-512	37.8950	80.6466		QAL	0.8 +	1.2	6.0	1.61 -	0.21	7.87 -	1195.	61.	7.
1241	0000	-510	37.8950	80.6473		QAL	0.7	1.4	5.9	1.99	0.24	8.20	1180.	60.	6.
1242	0000	-511	37.8950	80.6479		MH	0.7	1.5	5.9	2.07	0.25	8.27	1167.	60.	5.
1243	0000	-509	37.8950	80.6485		MH	0.7	1.3	5.6	1.79	0.24	7.60	1172.	59.	6.
1244	0000	-508	37.8950	80.6492		MH	0.8	1.2 -	6.2	1.50	0.19 -	7.86	1182.	55.	6.
1245	0000	-510	37.8950	80.6497		MH	0.8	1.3	6.2	1.70	0.21	8.09	1175.	55.	5.
1246	0000	-508	37.8950	80.6504		MH	0.8	1.2 -	6.5	1.60	0.19 -	8.65	1171.	50.	5.
1247	0000	-505	37.8950	80.6510		MH	0.7	1.3	6.3	1.78	0.20	8.82	1161.	49.	4.
1248	0000	-509	37.8950	80.6517		QAL	0.7	1.3	6.1	1.72 -	0.21	8.16	1138.	52.	4.
1249	0000	-508	37.8950	80.6523		QAL	0.7	1.3	5.9	1.81	0.23	7.97 -	1123.	53.	4.
1250	0000	-504	37.8950	80.6528		QAL	0.7	1.5	5.6	2.22	0.27	8.19	1102.	56.	3.
1251	0000	-506	37.8950	80.6535		QAL	0.6	1.5	5.6	2.57	0.27	9.37	1076.	58.	3.
1252	0000	-509	37.8950	80.6541		QAL	0.6	1.3	5.7	2.34	0.23	10.28	1073.	59.	4.
1253	0000	-509	37.8950	80.6548		QAL	0.5	1.6	5.7	3.06	0.29	10.63	1093.	58.	4.
1254	0000	-507	37.8949	80.6554		QAL	0.5 -	1.6	5.8	3.18 +	0.28	11.54 +	1104.	59.	4.
1255	0000	-507	37.8949	80.6560		QAL	0.5 -	1.6	6.2	3.16 +	0.26	12.08 +	1144.	57.	5.
1256	0000	-506	37.8949	80.6566		QAL	0.6	1.5	6.6	2.66	0.23	11.67 +	1203.	55.	5.
1257	0000	-504	37.8949	80.6572		QAL	0.6	1.4	7.2 +	2.29	0.19 -	11.94 +	1247.	55.	6.
1258	0000	-504	37.8949	80.6579		QAL	0.7	1.5	6.9	2.09	0.21	9.99	1286.	53.	7.
1259	0000	-505	37.8949	80.6586		QAL	0.7	1.4	7.0	1.97	0.20	9.88	1308.	52.	7.
1260	0000	-503	37.8949	80.6591		QAL	0.7	1.2	6.8	1.57 -	0.17 -	9.15	1309.	54.	8.
1261	0000	-501	37.8949	80.6597		MH	0.8	1.4	6.8	1.69	0.20	8.30	1328.	56.	7.
1262	0000	-499	37.8949	80.6604		MH	0.8	1.4	6.8	1.78	0.21	8.48	1347.	56.	6.
1263	0000	-500	37.8949	80.6610		MH	0.7	1.9	6.6	2.50	0.28	8.85	1375.	56.	6.
1264	0000	-502	37.8949	80.6617		MH	0.8	1.9	6.6	2.33	0.29	8.07	1412.	56.	6.
1265	0000	-498	37.8949	80.6622		MH	0.9	1.9	6.8	2.18	0.28	7.89	1453.	56.	5.
1266	0000	-496	37.8949	80.6629		MH	1.0	2.0	7.0	2.04	0.28	7.22	1497.	56.	4.
1267	0000	-499	37.8949	80.6635		MH	1.0	2.0	7.3	1.99	0.27	7.44	1530.	57.	3.
1268	0000	-495	37.8949	80.6641		MH	1.0	1.7	7.6	1.77	0.23	7.71	1554.	54.	3.
1269	0000	-489	37.8949	80.6648		MH	1.0	1.8	7.4	1.77	0.24	7.24	1557.	54.	3.
1270	0000	-489	37.8949	80.6653		MH	1.0	1.7	7.4	1.61	0.22	7.16	1539.	54.	2.
1271	0000	-490	37.8949	80.6660		MH	1.0	1.7	7.3	1.72	0.23	7.54	1502.	54.	2.
1272	0000	-495	37.8949	80.6666		MH	0.9	1.8	7.0	2.10	0.26	8.18	1450.	56.	2.
1273	0000	-501	37.8949	80.6672		MH	0.7	1.9	6.5	2.59	0.29	8.82	1393.	54.	3.
1274	0000	-501	37.8949	80.6679		MH	0.7	1.7	6.3	2.48	0.26	9.41	1338.	54.	5.
1275	0000	-499	37.8948	80.6684		MH	0.6	1.8	5.9	3.05	0.30	10.26	1277.	53.	6.

CP 9 IP 12

CP 6 IP 12

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-498	37.8948	80.6691		MH	0.5 -	1.6	5.9	3.17	0.27	11.80 +	1221.	53.	8.
1277	0000	-499	37.8948	80.6697		MH	0.5 -	1.4	5.7	3.13	0.25	12.33 +	1178.	53.	9.
1278	0000	-498	37.8948	80.6703		MH	0.4 -	1.4	5.6	3.29	0.24	13.59 +	1140.	55.	11.
1279	0000	-499	37.8948	80.6710		MH	0.4 -	1.3	5.5	3.34 +	0.24	13.74 +	1124.	54.	12.
1280	0000	-500	37.8948	80.6716		MH	0.4 -	1.2 -	5.6	3.20	0.22	14.67 ++	1120.	55.	13.
1281	0000	-497	37.8948	80.6722		MH	0.4 -	1.4	5.3	3.53 +	0.27	13.20 +	1123.	54.	13.
1282	0000	-497	37.8947	80.6728		MH	0.5 -	1.2 -	5.6	2.63	0.21	12.30 +	1143.	55.	13.
1283	0000	-500	37.8947	80.6735		MH	0.4 -	1.2 -	5.4	2.65	0.22	12.13 +	1161.	53.	12.
1284	0000	-501	37.8947	80.6741		MH	0.4 -	1.3	5.9	2.94	0.22	13.19 +	1175.	54.	11.
1285	0000	-502	37.8948	80.6747		MH	0.5 -	1.6	5.8	3.21	0.27	11.79 +	1204.	51.	10.
1286	0000	-499	37.8948	80.6753		MH	0.5 -	1.7	5.8	3.17	0.29	10.93 +	1225.	51.	9.
1287	0000	-496	37.8948	80.6759		MH	0.5	1.8	5.7	3.41 +	0.33	10.48	1239.	50.	7.
1288	0000	-499	37.8948	80.6766		MH	0.6	1.9	6.1	3.27	0.31	10.65	1266.	49.	6.
1289	0000	-498	37.8947	80.6772		MH	0.6	2.1	6.0	3.74 +	0.36 +	10.46	1279.	50.	5.
1290	0000	-495	37.8947	80.6778		MH	0.6	2.2	6.1	3.69 +	0.36 +	10.36	1289.	50.	5.
1291	0000	-496	37.8947	80.6784		QAL	0.6	2.1 +	5.5	3.55 +	0.39 +	9.18	1288.	49.	6.
1292	0000	-492	37.8947	80.6790		QAL	0.6	2.3 +	5.7	4.00 +	0.40 ++	10.03	1296.	50.	5.
1293	0000	-497	37.8947	80.6797		QAL	0.6	2.2 +	5.9	3.91 +	0.37 +	10.65	1274.	50.	5.
1294	0000	-502	37.8947	80.6804		QAL	0.6	2.1 +	5.7	3.66 +	0.36 +	10.06	1244.	51.	5.
1295	0000	-495	37.8947	80.6809		QAL	0.5 -	2.3 +	5.4	4.65 ++	0.42 ++	10.97	1206.	53.	5.
1296	0000	-495	37.8947	80.6815		MH	0.5 -	2.2	5.5	4.66 +	0.39 +	11.83 +	1174.	52.	4.
1297	0000	-500	37.8947	80.6822		MH	0.5 -	2.2	5.1 -	4.90 +	0.44 +	11.24 +	1149.	52.	3.
1298	0000	-496	37.8947	80.6828		MH	0.5 -	2.1	5.4	4.58 +	0.39 +	11.84 +	1106.	51.	3.
1299	0000	-499	37.8947	80.6835		MH	0.5 -	1.9	4.9 -	3.89 +	0.38 +	10.34	1061.	52.	3.
1300	0000	-505	37.8947	80.6841		MH	0.5 -	1.6	5.0 -	3.35 +	0.33	10.20	1042.	54.	3.
1301	0000	-501	37.8947	80.6847		MH	0.5 -	1.8	5.0 -	3.40 +	0.36 +	9.55	1047.	52.	3.
1302	0000	-498	37.8946	80.6853		MH	0.6	1.4	5.1 -	2.27	0.28	8.18	1046.	52.	5.
1303	0000	-503	37.8946	80.6859		MH	0.7	1.2 -	4.8 -	1.80	0.24	7.40	1039.	54.	7.
1304	0000	-506	37.8946	80.6866		MH	0.6	1.1 -	5.2 -	1.76	0.22	8.01	1059.	54.	8.
1305	0000	-502	37.8946	80.6872		MH	0.7	1.2 -	5.4	1.76	0.22	8.13	1096.	55.	8.
1306	0000	-501	37.8946	80.6878		MH	0.7	1.1 -	5.6	1.67	0.20 -	8.44	1131.	55.	10.
1307	0000	-505	37.8946	80.6884		MH	0.7	1.3	5.6	1.91	0.23	8.23	1200.	53.	11.
1308	0000	-500	37.8946	80.6890		MH	0.7	1.1 -	5.9	1.63	0.18 -	8.80	1223.	55.	11.
1309	0000	-496	37.8946	80.6897		MH	0.6	1.3 -	6.0	2.00	0.21	9.39	1248.	54.	10.
1310	0000	-504	37.8946	80.6903		MH	0.6	1.4	6.2	2.29	0.23	10.15	1243.	52.	10.
1311	0000	-504	37.8946	80.6909		MH	0.7	1.2 -	5.9	1.87	0.21	9.00	1209.	54.	9.
1312	0000	-500	37.8946	80.6915		MH	0.6	1.2 -	5.7	1.95	0.21	9.22	1193.	52.	9.
1313	0000	-508	37.8946	80.6922		MH	0.6	1.4	5.8	2.23	0.24	9.48	1193.	51.	7.
1314	0000	-509	37.8946	80.6928		MH	0.6	1.4	6.2	2.48	0.22	11.15 +	1161.	51.	7.
1315	0000	-506	37.8946	80.6934		MH	0.6	1.7	6.6	2.81	0.25	11.16 +	1186.	50.	5.
1316	0000	-511	37.8945	80.6940		MH	0.6	1.7	6.7	2.75	0.26	10.51	1231.	51.	5.
1317	0000	-511	37.8945	80.6946		MH	0.7	2.1	6.7	3.10	0.31	9.99	1296.	49.	5.
1318	0000	-507	37.8945	80.6953		MH	0.7	2.5 +	6.8	3.46 +	0.36 +	9.63	1381.	48.	4.
1319	0000	-509	37.8945	80.6959		MH	0.8	2.9 ++	7.4	3.73 +	0.39 +	9.55	1463.	48.	3.
1320	0000	-512	37.8945	80.6965		MH	0.8	2.8 ++	7.9	3.55 +	0.36 +	9.79	1518.	50.	2.
1321	0000	-510	37.8945	80.6972		MH	0.9	3.0 ++	7.5	3.32	0.40 +	8.40	1562.	51.	2.
1322	0000	-507	37.8945	80.6977		MH	0.9	2.9 ++	7.8	3.14	0.37 +	8.55	1585.	53.	1.
1323	0000	-509	37.8945	80.6984		MH	0.9	2.8 ++	8.2 +	3.21	0.35 +	9.21	1603.	52.	1.
1324	0000	-513	37.8945	80.6990		MH	0.9	2.5 +	8.2 +	2.60	0.30	8.65	1616.	54.	1.
1325	0000	-509	37.8945	80.6996		QAL	0.9 ++	2.3 +	8.3 ++	2.58	0.28	9.33	1565.	55.	1.
1326	0000	-506	37.8945	80.7003		QAL	0.9 ++	1.9 +	7.7 +	2.21	0.25	8.93	1495.	59.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-509	37.8945	80.7008		QAL	0.9 ++	1.7	7.2 +	1.97	0.24	8.19	1446.	60.	2.
1328	0000	-511	37.8945	80.7015		QAL	0.9 +	1.6	7.0	1.86	0.23	8.17	1396.	61.	2.
1329	0000	-512	37.8945	80.7021		QAL	0.8 +	1.6	6.5	2.07	0.25	8.21	1353.	58.	2.
1330	0000	-514	37.8944	80.7027		QAL	0.8 +	1.5	6.1	1.88	0.24	7.82 -	1280.	59.	3.
1331	0000	-513	37.8944	80.7034		QAL	0.7	1.7	6.1	2.35	0.27	8.59	1230.	58.	3.
1332	0000	-519	37.8944	80.7040		QAL	0.8 +	1.7	6.3	2.22	0.27	8.36	1252.	56.	3.
1333	0000	-520	37.8944	80.7046		QAL	0.7	1.6	6.7	2.18	0.24	9.21	1250.	54.	4.
1334	0000	-518	37.8944	80.7053		QAL	0.7	1.6	7.3 +	2.22	0.22	10.20	1241.	56.	3.
1335	0000	-518	37.8944	80.7059		QAL	0.7	1.7	7.6 +	2.56	0.23	11.19 +	1246.	57.	3.
1336	0000	-519	37.8944	80.7065		QAL	0.7	1.7	7.6 +	2.52	0.23	11.15 +	1250.	56.	3.
1337	0000	-520	37.8944	80.7071		QAL	0.7	1.6	7.7 +	2.39	0.21	11.15 +	1271.	57.	2.
1338	0000	-522	37.8944	80.7077		QAL	0.7	1.7	7.6 +	2.50	0.23	11.05 +	1281.	60.	2.
1339	0000	-520	37.8944	80.7084		QAL	0.6	1.7	8.0 +	2.76	0.22	12.64 ++	1275.	63.	2.
1340	0000	-522	37.8944	80.7090		QAL	0.7	1.9 +	7.7 +	2.74	0.25	10.88	1300.	61.	1.
1341	0000	-526	37.8944	80.7096		QAL	0.7	2.1 +	7.3 +	3.01	0.29	10.23	1324.	58.	1.
1342	0000	-524	37.8944	80.7102		MH	0.7	2.1	7.0	2.93	0.30	9.94	1335.	54.	1.
1343	0000	-525	37.8944	80.7108		MH	0.7	2.1	6.9	3.00	0.31	9.78	1334.	57.	1.
1344	0000	-526	37.8943	80.7115		MH	0.7	2.4 +	6.5	3.63 +	0.37 +	9.73	1331.	56.	1.
1345	0000	-522	37.8943	80.7121		MH	0.7	2.2	6.7	3.17	0.33	9.51	1373.	57.	2.
1346	0000	-528	37.8943	80.7127		MH	0.8	2.1	6.3	2.79	0.34	8.29	1403.	56.	3.
1347	0000	-533	37.8943	80.7133		MH	0.7	2.2	6.6	2.99	0.34	8.90	1432.	57.	3.
1348	0000	-528	37.8943	80.7140		MH	0.7	2.1	7.0	2.86	0.30	9.65	1428.	58.	3.
1349	0000	-524	37.8943	80.7146		MH	0.8	2.0	7.2	2.68	0.28	9.42	1426.	58.	4.
1350	0000	-529	37.8943	80.7152		MH	0.8	1.8	6.8	2.29	0.26	8.75	1381.	59.	4.
1351	0000	-532	37.8943	80.7159		MH	0.8	1.6	6.8	2.03	0.23	8.84	1327.	58.	4.
1352	0000	-528	37.8943	80.7165		MH	0.7	1.6	6.6	2.23	0.24	9.35	1239.	56.	4.
1353	0000	-530	37.8943	80.7171		MBP	0.6	1.5	6.2	2.37	0.24	10.04	1162.	55.	4.
1354	0000	-532	37.8943	80.7177		MBP	0.6	1.2	5.5	2.13	0.22	9.49	1078.	55.	5.
1355	0000	-533	37.8943	80.7183		MBP	0.5	1.3	5.0	2.31	0.25	9.13	1028.	55.	5.
1356	0000	-536	37.8943	80.7190		MBP	0.5	1.2 -	4.7 -	2.34	0.25	9.35	991.	57.	5.
1357	0000	-532	37.8943	80.7196		MBP	0.5 -	1.2	5.2	2.67	0.24	11.28 +	1002.	58.	5.
1358	0000	-530	37.8942	80.7202		MBP	0.5 -	1.3	5.3	2.64	0.24	11.09 +	1027.	58.	5.
1359	0000	-536	37.8942	80.7208		MBP	0.5	1.2 -	5.1	2.32	0.23	9.98	1048.	54.	5.
1360	0000	-536	37.8942	80.7214		MBP	0.6	1.2	5.2	2.18	0.23	9.33	1069.	53.	4.
1361	0000	-534	37.8942	80.7221		MBP	0.6	1.3	5.6	2.26	0.23	9.87	1103.	53.	3.
1362	0000	-536	37.8942	80.7227		MBP	0.6	1.3	5.7	2.22	0.23	9.65	1124.	55.	3.
1363	0000	-536	37.8942	80.7234		MBP	0.6	1.5	5.4	2.46	0.28	8.94	1141.	51.	2.
1364	0000	-540	37.8942	80.7239		MBP	0.6	1.7	5.0	2.85	0.35	8.21	1139.	52.	2.
1365	0000	-545	37.8942	80.7245		MBP	0.6	1.7	4.8 -	2.70	0.35	7.81	1118.	56.	1.
1366	0000	-541	37.8942	80.7252		MBP	0.6	1.7	4.7 -	3.07	0.37 +	8.28	1106.	61.	1.
1367	0000	-544	37.8942	80.7258		MBP	0.6	1.8	4.5 -	3.16	0.40 +	7.96	1109.	63.	2.
1368	0000	-551	37.8942	80.7265		MBP	0.5	1.7	4.4 -	3.13	0.39 +	8.07	1085.	63.	3.
1369	0000	-548	37.8942	80.7271		MBP	0.5	1.7	4.7 -	3.21	0.36 +	8.92	1109.	61.	3.
1370	0000	-551	37.8942	80.7277		MBP	0.5	1.7	5.0	3.07	0.33	9.21	1136.	63.	4.
1371	0000	-558	37.8942	80.7283		MBP	0.6	1.6	5.5	2.65	0.29	9.07	1190.	62.	4.
1372	0000	-548	37.8942	80.7289		MBP	0.6	1.7	5.9	2.68	0.28	9.58	1243.	59.	4.
1373	0000	-545	37.8942	80.7296		MBP	0.7	1.8	6.2	2.63	0.28	9.34	1292.	59.	4.
1374	0000	-551	37.8942	80.7302		MBP	0.7	1.7	6.1	2.51	0.28	8.83	1320.	57.	4.
1375	0000	-547	37.8942	80.7308		MH	0.7	2.0	6.2	2.83	0.32	8.78	1361.	55.	4.
1376	0000	-550	37.8942	80.7314		MH	0.8	2.2	5.9	2.85	0.37 +	7.69	1362.	59.	3.
1377	0000	-557	37.8942	80.7320		MH	0.8	2.1	6.1	2.74	0.35 +	7.82	1367.	58.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-554	37.8941	80.7327		MH	0.8	2.3 +	6.3	2.96	0.36 +	8.14	1375.	59.	2.
1379	0000	-558	37.8941	80.7334		MH	0.8	2.4 +	6.5	3.15	0.37 +	8.52	1385.	58.	1.
1380	0000	-568	37.8941	80.7339		MH	0.7	2.4 +	6.7	3.31	0.36 +	9.11	1394.	57.	1.
1381	0000	-561	37.8941	80.7345		MH	0.7	2.6 +	7.2	3.47 +	0.36 +	9.72	1402.	57.	0.
1382	0000	-555	37.8941	80.7352		MH	0.8	2.5 +	7.6	3.35 +	0.33	10.06	1412.	60.	0.
1383	0000	-560	37.8941	80.7358		MBP	0.8	2.2 +	8.1 +	2.84	0.27	10.57	1432.	59.	0.
1384	0000	-563	37.8941	80.7365		MBP	0.8	2.3 +	8.1 +	3.03	0.28	10.78	1451.	59.	0.
1385	0000	-558	37.8941	80.7370		MBP	0.8	2.4 +	7.8 +	3.15	0.31	10.15	1465.	61.	0.
1386	0000	-555	37.8941	80.7377		MBP	0.8	2.5 +	7.7 +	2.93	0.32	9.17	1511.	62.	0.
1387	0000	-556	37.8941	80.7383		MBP	0.9	2.3 +	7.8 +	2.61	0.30	8.67	1533.	62.	0.
1388	0000	-556	37.8941	80.7389		MBP	0.9	2.2 +	8.0 +	2.44	0.28	8.82	1556.	64.	0.
1389	0000	-558	37.8941	80.7396		MBP	0.9	2.1	8.1 +	2.29	0.26	8.83	1589.	62.	1.
1390	0000	-564	37.8941	80.7401		MBP	0.9	2.4 +	7.5	2.52	0.32	7.96	1595.	64.	1.
1391	0000	-569	37.8941	80.7408		MBP	1.0	2.1	7.5 +	2.22	0.28	7.86	1605.	62.	2.
1392	0000	-568	37.8940	80.7414		MBP	0.9	1.8	7.7 +	1.93	0.23	8.34	1596.	61.	3.
1393	0000	-564	37.8940	80.7421		PPP	0.9	1.6	7.7	1.90	0.21 -	8.99 +	1562.	60.	4.
1394	0000	-565	37.8940	80.7427		PPP	0.8	1.5	7.6	1.73	0.19 -	8.98 +	1537.	61.	5.
1395	0000	-569	37.8940	80.7432		PPP	0.9	1.4	7.6	1.60	0.18 -	8.82 +	1517.	60.	6.
1396	0000	-568	37.8940	80.7439		PPP	0.9	1.4	7.8	1.64	0.18 -	9.04 +	1498.	61.	6.
1397	0000	-567	37.8940	80.7445		PPP	0.8	1.3	7.9	1.67	0.17 -	9.91 ++	1478.	58.	6.
1398	0000	-565	37.8940	80.7452		MBP	0.8	1.3	8.0 +	1.69	0.16 -	10.41	1438.	60.	7.
1399	0000	-559	37.8940	80.7458		MBP	0.8	1.3	7.5 +	1.63	0.17 -	9.75	1397.	59.	7.
1400	0000	-563	37.8940	80.7464		MBP	0.7	1.3	7.3	1.74	0.17 -	10.00	1351.	60.	6.
1401	0000	-572	37.8940	80.7470		MBP	0.7	1.4	7.3	2.06	0.20 -	10.55	1335.	58.	6.
1402	0000	-573	37.8940	80.7476		MBP	0.6	1.5	7.1	2.26	0.21	10.86	1318.	58.	5.
1403	0000	-571	37.8940	80.7483		MBP	0.6	1.5	6.6	2.44	0.23	10.86	1277.	57.	5.
1404	0000	-573	37.8940	80.7489		MBP	0.6	1.6	6.8	2.75	0.24	11.35 +	1278.	57.	5.
1405	0000	-571	37.8940	80.7495		MBP	0.6	2.0	6.6	3.63 +	0.31	11.76 +	1286.	58.	4.
1406	0000	-570	37.8939	80.7501		MBP	0.6	2.3 +	6.7	3.91 +	0.35	11.23 +	1329.	59.	3.
1407	0000	-574	37.8939	80.7507		MBP	0.6	2.4 +	7.0	3.78 +	0.35	10.85	1376.	59.	3.
1408	0000	-578	37.8939	80.7514		MBP	0.7	2.5 +	7.3	3.66 +	0.34	10.84	1395.	59.	3.
1409	0000	-580	37.8939	80.7520		MBP	0.7	2.4 +	7.4	3.34	0.33	10.10	1431.	60.	4.
1410	0000	-574	37.8939	80.7526		MBP	0.8	2.4 +	7.4	3.09	0.33	9.24	1477.	60.	4.
1411	0000	-571	37.8939	80.7532		MBP	0.9	2.5 +	7.5 +	2.87	0.33	8.68	1524.	60.	5.
1412	0000	-579	37.8939	80.7538		MBP	1.0	2.3 +	7.7 +	2.35	0.30	7.89	1592.	58.	5.
1413	0000	-585	37.8939	80.7545		MBP	1.0	2.1	8.1 +	2.23	0.27	8.41	1598.	57.	5.
1414	0000	-580	37.8939	80.7552		MBP	1.0 +	2.0	8.0 +	1.94	0.25	7.74	1615.	57.	5.
1415	0000	-580	37.8939	80.7557		MBP	1.1 +	2.1	7.5 +	1.92	0.28	6.87 -	1645.	57.	5.
1416	0000	-584	37.8939	80.7563		MBP	1.1 +	2.3 +	7.4	2.07	0.31	6.71 -	1644.	56.	5.
1417	0000	-587	37.8939	80.7570		MBP	1.1 +	2.3 +	7.5 +	2.06	0.30	6.83 -	1647.	56.	4.
1418	0000	-587	37.8939	80.7576		MBP	1.1 +	2.2 +	7.3	1.99	0.30	6.67 -	1639.	59.	3.
1419	0000	-584	37.8939	80.7583		MBP	1.1 +	2.2 +	6.9	2.09	0.32	6.53 -	1598.	61.	3.
1420	0000	-587	37.8938	80.7589		MBP	1.1 +	2.1	7.0	1.89	0.30	6.38 -	1595.	60.	2.
1421	0000	-591	37.8938	80.7595		MBP	1.0 +	2.4 +	6.8	2.31	0.35	6.62 -	1580.	60.	1.
1422	0000	-592	37.8938	80.7601		MBP	1.0 +	2.2 +	7.0	2.17	0.32	6.82 -	1561.	62.	1.
1423	0000	-596	37.8938	80.7607		PPP	1.0	2.2	6.9	2.18	0.31	6.94	1549.	64.	1.
1424	0000	-595	37.8938	80.7614		PPP	1.0	2.2	7.1	2.12	0.30	6.96	1546.	65.	1.
1425	0000	-595	37.8938	80.7620		PPP	1.0	2.0	7.1	2.02	0.29	7.05	1519.	64.	2.
1426	0000	-597	37.8938	80.7626		PPP	1.0	1.7	7.4	1.63	0.23	7.12	1494.	66.	3.
1427	0000	-591	37.8938	80.7632		PPP	1.0	1.7	6.8	1.65	0.25	6.66	1464.	68.	5.
1428	0000	-591	37.8938	80.7638		PPP	1.0	1.7	6.8	1.61	0.24	6.57	1474.	66.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-598	37.8938	80.7645	PPP	1.0	1.7	6.9	1.63	0.25	6.55	1485.	67.	6.
1430	0000	-597	37.8938	80.7651	PPP	1.1	1.7	6.9	1.61	0.25	6.38	1519.	65.	6.
1431	0000	-599	37.8938	80.7657	PPP	1.1	1.6	7.1	1.45	0.23	6.30	1543.	65.	7.
1432	0000	-599	37.8938	80.7663	PPP	1.2	1.7	6.7	1.38	0.25	5.44	1572.	66.	8.
1433	0000	-596	37.8937	80.7669	PPP	1.2	2.4 +	6.2	2.05	0.39 +	5.23 -	1595.	64.	7.
1434	0000	-601	37.8937	80.7676	PPP	1.2	2.8 +	6.4	2.37	0.44 +	5.38	1627.	64.	5.
1435	0000	-608	37.8937	80.7682	PPP	1.2	2.9 ++	6.2	2.43	0.47 ++	5.15 -	1626.	63.	4.
1436	0000	-607	37.8937	80.7689	PPP	1.2	3.2 ++	6.3	2.71 +	0.50 ++	5.39	1604.	61.	4.
1437	0000	-602	37.8937	80.7694	PPP	1.1	3.2 ++	6.1	2.88 +	0.54 ++	5.35 -	1558.	64.	3.
1438	0000	-602	37.8937	80.7701	PPNR	1.1	3.2 ++	5.5	2.90 +	0.58 ++	5.02 -	1512.	63.	3.
1439	0000	-605	37.8937	80.7707	PPNR	1.0	2.9 ++	5.8	2.84 +	0.51 ++	5.61	1488.	63.	3.
1440	0000	-606	37.8937	80.7713	PPNR	1.1	2.4 +	6.3	2.30	0.38 +	5.98	1486.	62.	4.
1441	0000	-605	37.8937	80.7720	PPNR	1.0	2.1	6.3	2.09	0.34	6.11	1460.	63.	4.
1442	0000	-603	37.8937	80.7725	PPNR	1.0	1.8	6.3	1.80	0.29	6.20	1437.	61.	5.
1443	0000	-600	37.8937	80.7732	PPNR	1.0	1.7	6.1	1.68	0.28	5.93	1433.	59.	4.
1444	0000	-603	37.8937	80.7738	PPNR	1.0	1.5	6.1	1.53	0.24	6.25	1415.	56.	5.
1445	0000	-607	37.8937	80.7744	PPNR	0.9	1.6	5.9	1.79	0.27	6.50	1406.	54.	5.
1446	0000	-600	37.8937	80.7751	PPNR	0.8	1.6	5.9	1.91	0.27	7.09	1358.	56.	5.
1447	0000	-598	37.8936	80.7756	PPNR	0.8	1.6	5.3	2.09	0.31	6.86	1298.	56.	6.
1448	0000	-608	37.8936	80.7763	PPP	0.7	1.6	5.1	2.14	0.31	6.94	1260.	54.	7.
1449	0000	-607	37.8936	80.7770	PPP	0.7	1.6	5.2	2.31	0.30	7.59	1230.	57.	8.
1450	0000	-601	37.8936	80.7775	PPP	0.7 -	1.5	4.9 -	2.25	0.31	7.37	1214.	59.	9.
1451	0000	-605	37.8936	80.7782	PPP	0.6 -	1.5	5.1	2.34	0.30	7.90	1211.	57.	9.
1452	0000	-607	37.8936	80.7788	PPP	0.6 -	1.5	5.2	2.48	0.30	8.34 +	1189.	56.	9.
1453	0000	-606	37.8936	80.7794	PPP	0.6 -	1.6	4.8 -	2.59 +	0.34	7.59	1176.	56.	9.
1454	0000	-612	37.8936	80.7801	PPP	0.6 -	1.5	5.2	2.34	0.29	8.06 +	1199.	55.	8.
1455	0000	-614	37.8936	80.7807	PPP	0.7 -	1.6	5.6	2.46	0.29	8.40 +	1234.	56.	6.
1456	0000	-612	37.8936	80.7813	PPP	0.8	1.8	5.6	2.32	0.31	7.46	1286.	56.	5.
1457	0000	-616	37.8936	80.7819	PPP	0.8	1.8	6.2	2.21	0.29	7.59	1353.	56.	3.
1458	0000	-618	37.8936	80.7825	PPP	1.0	2.1	6.4	2.10	0.32	6.52	1464.	57.	2.
1459	0000	-615	37.8936	80.7832	PPP	1.2	2.3	6.9	1.97	0.33	5.92	1600.	57.	1.
1460	0000	-613	37.8936	80.7838	PPP	1.3	2.4 +	7.6	1.82	0.32	5.71	1747.	55.	1.
1461	0000	-612	37.8935	80.7844	PPP	1.4 +	2.7 +	8.0 +	1.90	0.34	5.52	1858.	55.	0.
1462	0000	-619	37.8935	80.7850	PPP	1.5 +	2.8 +	8.0	1.80	0.35	5.19 -	1896.	55.	0.
1463	0000	-624	37.8935	80.7856	PPP	1.5 +	2.7 +	7.9	1.89	0.35	5.44	1872.	53.	0.
1464	0000	-619	37.8935	80.7863	PPP	1.4	2.8 +	7.7	2.03	0.36 +	5.59	1817.	51.	0.
1465	0000	-615	37.8935	80.7869	PPP	1.2	2.5 +	7.2	2.07	0.35	5.84	1705.	52.	1.
1466	0000	-618	37.8935	80.7876	PPNR	1.1	2.4 +	6.6	2.25	0.36	6.18	1582.	54.	2.
1467	0000	-626	37.8935	80.7881	PPNR	0.9	2.4 +	6.0	2.64 +	0.40 +	6.66	1456.	54.	3.
1468	0000	-626	37.8935	80.7887	PPNR	0.8	2.2	5.7	2.83 +	0.39 +	7.26	1353.	53.	3.
1469	0000	-618	37.8935	80.7894	PPNR	0.7	2.3 +	5.3	3.45 +	0.43 +	8.00 +	1274.	54.	3.
1470	0000	-621	37.8935	80.7900	PPNR	0.7	2.2	5.2	3.13 +	0.42 +	7.40	1238.	57.	3.
1471	0000	-629	37.8935	80.7907	PPNR	0.7	2.2	5.0	3.28 +	0.45 +	7.37	1209.	60.	4.
1472	0000	-628	37.8935	80.7912	PPP	0.7	2.5 +	5.0	3.72 ++	0.50 ++	7.38	1217.	59.	4.
1473	0000	-630	37.8935	80.7919	PPP	0.7	2.5 +	5.1	3.63 ++	0.49 ++	7.48	1219.	58.	4.
1474	0000	-636	37.8935	80.7925	PPP	0.7 -	2.3	5.4	3.44 ++	0.43 +	8.02 +	1212.	57.	4.
1475	0000	-633	37.8934	80.7931	PPP	0.7 -	2.2	5.5	3.33 +	0.40 +	8.30 +	1202.	56.	4.
1476	0000	-626	37.8934	80.7938	PPP	0.7	2.0	6.0	2.90 +	0.33	8.79 +	1223.	55.	5.
1477	0000	-629	37.8934	80.7944	PPP	0.6 -	2.1	5.9	3.21 +	0.35	9.11 +	1236.	54.	5.
1478	0000	-632	37.8934	80.7950	PPP	0.7 -	1.8	5.9	2.72 +	0.30	8.92 +	1240.	55.	6.
1479	0000	-631	37.8934	80.7956	PPP	0.7	1.7	6.0	2.48	0.28	8.77 +	1242.	56.	6.

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FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-633	37.8934	80.7962	PPP	0.6 -	1.8	5.6	2.80 +	0.32	8.67 +	1233.	58.	7.
1481	0000	-637	37.8934	80.7969	PPP	0.7 -	1.8	5.7	2.69 +	0.31	8.64 +	1252.	59.	8.
1482	0000	-636	37.8934	80.7975	PPP	0.7 -	1.8	5.5	2.73 +	0.33	8.34 +	1262.	61.	9.
1483	0000	-632	37.8934	80.7981	PPP	0.6 -	1.6	5.1	2.50 +	0.31	8.13 +	1227.	62.	9.
1484	0000	-633	37.8934	80.7988	PPP	0.6 -	1.4	5.1	2.15	0.27	8.02 +	1212.	61.	10.
1485	0000	-638	37.8934	80.7993	PPP	0.6 -	1.3 -	5.1	2.09	0.25	8.31 +	1182.	60.	10.
1486	0000	-638	37.8934	80.8000	PPP	0.6 -	1.1 -	4.8 -	1.96	0.23	8.59 +	1146.	58.	10.
1487	0000	-637	37.8934	80.8006	PPP	0.6 -	1.2 -	5.0 -	2.19	0.25	8.83 +	1118.	57.	9.
1488	0000	-640	37.8934	80.8013	PPP	0.5 -	1.3	4.6 -	2.64 +	0.29	9.21 +	1076.	57.	8.
1489	0000	-639	37.8934	80.8019	PPP	0.5 -	1.3	4.5 -	2.68 +	0.30	9.01 +	1037.	58.	6.
1490	0000	-634	37.8934	80.8025	PPP	0.5 -	1.7	4.1 -	3.26 +	0.41 +	7.87	1048.	58.	5.
1491	0000	-633	37.8934	80.8031	PPP	0.5 -	1.9	4.2 -	3.68 ++	0.45 +	8.11 +	1063.	59.	3.
1492	0000	-633	37.8934	80.8037	PPP	0.5 -	2.3	4.5 -	4.34 ++	0.50 ++	8.70 +	1125.	59.	2.
1493	0000	-635	37.8934	80.8044	PPP	0.6 -	2.5 +	5.1	4.55 ++	0.49 ++	9.21 +	1196.	61.	1.
1494	0000	-644	37.8934	80.8050	PPP	0.6 -	2.4 +	5.6	4.02 ++	0.43 +	9.46 +	1256.	60.	1.
1495	0000	-644	37.8934	80.8056	PPP	0.6 -	2.7 +	5.7	4.60 ++	0.47 ++	9.79 ++	1310.	60.	0.
1496	0000	-637	37.8933	80.8062	PPP	0.6 -	2.7 ++	5.9	5.01 +++	0.49 ++	10.16 ++	1381.	59.	0.
1497	0000	-639	37.8933	80.8069	PPP	0.6 -	3.0 ++	6.7	5.30 +++	0.45 +	11.73 +++	1434.	59.	0.
1498	0000	-647	37.8933	80.8075	PPP	0.6 -	3.0 ++	7.0	4.90 +++	0.42 +	11.59 ++	1451.	57.	0.
1499	0000	-647	37.8933	80.8082	PPP	0.6 -	2.9 ++	6.7	4.95 +++	0.44 +	11.36 ++	1416.	57.	1.
1500	0000	-646	37.8933	80.8087	PPP	0.6 -	2.7 +	6.3	4.62 ++	0.44 +	10.59 ++	1379.	58.	2.
1501	0000	-652	37.8933	80.8094	MBP	0.6	2.6 +	5.7	4.37 +	0.45 +	9.77	1353.	59.	4.
1502	0000	-650	37.8933	80.8100	MBP	0.6	2.1	6.0	3.36 +	0.36 +	9.46	1327.	61.	5.
1503	0000	-644	37.8932	80.8106	MBP	0.6	2.0	6.0	3.12	0.33	9.32	1300.	60.	7.
1504	0000	-646	37.8932	80.8113	MBP	0.7	1.7	5.9	2.59	0.29	8.77	1298.	60.	8.
1505	0000	-651	37.8932	80.8118	MBP	0.6	1.7	5.9	2.61	0.28	9.27	1305.	61.	9.
1506	0000	-651	37.8932	80.8125	MBP	0.7	1.5	6.0	2.17	0.25	8.69	1335.	59.	10.
1507	0000	-645	37.8932	80.8131	MBP	0.7	1.5	6.4	2.01	0.23	8.80	1347.	60.	10.
1508	0000	-644	37.8932	80.8137	MBP	0.7	1.5	6.5	2.00	0.23	8.73	1347.	59.	9.
1509	0000	-650	37.8932	80.8144	MBP	0.7	1.6	6.4	2.09	0.24	8.56	1345.	61.	9.
1510	0000	-648	37.8932	80.8150	MBP	0.8	1.4	6.2	1.91	0.23	8.21	1341.	62.	9.
1511	0000	-646	37.8932	80.8156	MBP	0.7	1.6	6.3	2.19	0.26	8.43	1343.	62.	8.
1512	0000	-652	37.8932	80.8162	MBP	0.8	1.7	6.1	2.26	0.28	7.98	1351.	61.	7.
1513	0000	-659	37.8932	80.8169	MBP	0.8	1.7	6.1	2.19	0.28	7.88	1337.	63.	6.
1514	0000	-662	37.8933	80.8175	PPP	0.7	1.8	6.0	2.56 +	0.30	8.40 +	1318.	61.	5.
1515	0000	-659	37.8933	80.8182	PPP	0.7	1.9	6.1	2.69 +	0.31	8.78 +	1311.	60.	5.
1516	0000	-654	37.8932	80.8188	PPP	0.7	2.0	5.8	2.84 +	0.34	8.24 +	1295.	57.	5.
1517	0000	-654	37.8932	80.8194	PPP	0.7	1.9	5.8	2.85 +	0.33	8.68 +	1266.	55.	4.
1518	0000	-659	37.8932	80.8200	PPP	0.6 -	1.7	5.6	2.57 +	0.30	8.66 +	1212.	54.	5.
1519	0000	-662	37.8932	80.8206	PPP	0.7 -	1.5	5.1	2.31	0.30	7.61	1150.	55.	6.
1520	0000	-662	37.8932	80.8213	PPP	0.6 -	1.4	4.6 -	2.37	0.31	7.66	1109.	55.	7.
1521	0000	-663	37.8932	80.8219	PPP	0.6 -	1.2 -	4.1 -	1.94	0.29	6.65	1076.	55.	9.
1522	0000	-664	37.8932	80.8225	PPP	0.6 -	1.0 -	3.8 -	1.54	0.25	6.15	1045.	55.	11.
1523	0000	-663	37.8932	80.8231	PPP	0.6 -	0.8 -	3.7 -	1.31 -	0.21 -	6.22	1022.	55.	12.
1524	0000	-663	37.8932	80.8238	PPP	0.6 -	0.6 --	3.7 -	1.00 -	0.17 -	5.93	1012.	58.	13.
1525	0000	-664	37.8932	80.8244	PPP	0.6 -	0.7 --	3.6 -	1.10 -	0.20 -	5.62	1014.	60.	13.
1526	0000	-660	37.8932	80.8250	PPP	0.6 -	0.7 --	4.0 -	1.17 -	0.18 -	6.49	1018.	59.	12.
1527	0000	-657	37.8932	80.8257	PPP	0.6 -	1.0 -	4.2 -	1.64	0.25	6.63	1046.	58.	10.
1528	0000	-661	37.8932	80.8262	PPP	0.6 -	1.1 -	4.5 -	1.81	0.25	7.12	1059.	60.	8.
1529	0000	-662	37.8932	80.8269	PPP	0.6 -	1.4	4.5 -	2.21	0.30	7.29	1064.	61.	6.
1530	0000	-662	37.8932	80.8275	PPP	0.6 -	1.5	4.6 -	2.39	0.32	7.54	1063.	62.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40: DAY 292 —

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-662	37.8932	80.8282		PPP	0.6 -	1.7	4.6 -	2.99 +	0.37 +	8.15 +	1042.	63.	2.
1532	0000	-660	37.8932	80.8288		PPP	0.5 -	1.7	4.4 -	3.28 +	0.40 +	8.26 +	1019.	61.	1.
1533	0000	-664	37.8932	80.8295		PPP	0.5 -	1.9	4.3 -	3.82 ++	0.44 +	8.73 +	995.	61.	0.
1534	0000	-670	37.8932	80.8300		PPP	0.5 -	1.7	4.1 -	3.62 ++	0.41 +	8.78 +	960.	64.	0.
1535	0000	-668	37.8932	80.8307		PPP	0.5 --	1.7	3.9 -	3.79 ++	0.44 +	8.65 +	948.	62.	0.
1536	0000	-666	37.8932	80.8313		PPP	0.4 --	1.7	4.2 -	3.73 ++	0.39 +	9.52 +	959.	62.	0.
1537	0000	-668	37.8932	80.8319		PPP	0.5 -	1.8	4.2 -	3.54 ++	0.42 +	8.51 +	1007.	61.	0.
1538	0000	-668	37.8932	80.8326		PPP	0.6 -	1.9	4.3 -	3.37 +	0.44 +	7.70	1062.	59.	0.
1539	0000	-669	37.8932	80.8331		PPP	0.6 -	1.9	4.4 -	3.10 +	0.43 +	7.22	1105.	62.	1.
1540	0000	-670	37.8932	80.8338		PPP	0.6 -	1.7	5.0	2.68 +	0.35	7.72	1147.	62.	1.
1541	0000	-668	37.8932	80.8344		PPNR	0.6	1.6	5.2	2.60 +	0.31	8.26 +	1176.	61.	1.
1542	0000	-668	37.8932	80.8350		PPNR	0.7	1.6	5.4	2.48	0.30	8.16 +	1193.	60.	2.
1543	0000	-667	37.8932	80.8357		PPNR	0.7	1.6	5.3	2.36	0.30	7.86	1196.	61.	3.
1544	0000	-668	37.8931	80.8363		PPNR	0.6 -	1.4	5.4	2.33	0.27	8.68 +	1167.	63.	4.
1545	0000	-675	37.8931	80.8369		PPNR	0.6 -	1.1 -	5.2	1.92	0.22	8.79 +	1118.	61.	5.
1546	0000	-678	37.8931	80.8376		PPNR	0.6 -	1.1 -	5.1	1.92	0.21 -	9.08 +	1062.	58.	6.
1547	0000	-673	37.8931	80.8382		PPNR	0.5 -	1.0 -	4.5 -	2.01	0.22	9.12 +	991.	58.	6.
1548	0000	-667	37.8931	80.8388		PPNR	0.5 -	1.1 -	4.1 -	2.35	0.27	8.62 +	928.	58.	6.
1549	0000	-673	37.8931	80.8395		PPNR	0.4 -	1.0 -	3.8 -	2.28	0.26	8.82 +	876.	62.	6.
1550	0000	-679	37.8931	80.8400		PPNR	0.4 -	0.9 -	3.7 -	2.46	0.25	9.81 ++	818.	61.	5.
1551	0000	-677	37.8931	80.8407		PPNR	0.4 -	0.8 -	3.6 -	2.05	0.21 -	9.87 ++	772.	60.	6.
1552	0000	-681	37.8931	80.8413		PPNR	0.4 -	0.8 -	3.7 -	2.39	0.23	10.58 ++	757.	61.	4.
1553	0000	-681	37.8931	80.8419		PPNR	0.4 -	0.8 -	3.8 -	2.16	0.22	9.89 ++	776.	63.	4.
1554	0000	-672	37.8931	80.8426		PPNR	0.4 -	1.1 -	3.8 -	2.53	0.28	8.90 +	836.	65.	3.
1555	0000	-676	37.8931	80.8432		PPNR	0.5 -	0.9 -	4.7	1.61	0.18 -	8.79 +	921.	65.	3.
1556	0000	-678	37.8931	80.8438		PPNR	0.7	1.0 -	5.4	1.44	0.18 -	7.99 +	1070.	63.	3.
1557	0000	-678	37.8931	80.8444		PPP	0.9	1.2 -	5.9	1.34	0.20 -	6.54	1245.	63.	3.
1558	0000	-682	37.8931	80.8451		PPP	1.0	1.7	6.7	1.60	0.25	6.44	1425.	60.	3.
1559	0000	-674	37.8931	80.8457		PPP	1.2	1.8	7.6	1.51	0.24	6.23	1601.	61.	3.
1560	0000	-671	37.8931	80.8464		PPP	1.4 +	1.8	8.4 +	1.33	0.22	6.09	1766.	63.	4.
1561	0000	-683	37.8931	80.8469		PPP	1.6 +	1.8	9.5 ++	1.13 -	0.19 -	5.94	1927.	61.	5.
1562	0000	-683	37.8931	80.8475		PPP	1.7 +	2.0	9.6 ++	1.17 -	0.21 -	5.66	2018.	60.	5.
1563	0000	-684	37.8931	80.8482		PPP	1.7 +	1.9	9.5 ++	1.10 -	0.20 -	5.46	2057.	61.	7.
1564	0000	-686	37.8931	80.8488		PPP	1.7 +	2.0	9.7 ++	1.19 -	0.21 -	5.73	2048.	62.	7.
1565	0000	-679	37.8931	80.8495		PPP	1.7 +	2.1	9.1 +	1.24 -	0.23	5.46	2003.	63.	7.
1566	0000	-683	37.8931	80.8501		PPP	1.6 +	2.0	8.5 +	1.25 -	0.24	5.32 -	1914.	64.	7.
1567	0000	-688	37.8931	80.8507		PPP	1.4 +	2.1	7.8	1.48	0.27	5.39	1790.	62.	6.
1568	0000	-679	37.8931	80.8513		PPP	1.2	2.2	6.8	1.77	0.32	5.52	1624.	63.	6.
1569	0000	-679	37.8931	80.8520		PPP	1.1	2.2	6.3	1.97	0.35	5.63	1490.	61.	5.
1570	0000	-682	37.8931	80.8526		PPP	0.9	2.2	5.9	2.35	0.37 +	6.33	1336.	61.	3.
1571	0000	-681	37.8930	80.8532		PPP	0.8	2.1	5.2	2.64 +	0.40 +	6.55	1220.	61.	3.
1572	0000	-691	37.8930	80.8539		PPP	0.7	1.8	5.1	2.65 +	0.36 +	7.41	1133.	62.	3.
1573	0000	-692	37.8930	80.8544		PPP	0.6 -	2.0	5.1	3.23 +	0.39 +	8.30 +	1086.	60.	2.
1574	0000	-682	37.8930	80.8551		PPP	0.6 -	1.8	5.1	3.16 +	0.35	9.00 +	1067.	60.	2.
1575	0000	-688	37.8930	80.8557		PPP	0.6 -	1.8	5.4	3.07 +	0.32	9.52 +	1078.	60.	1.
1576	0000	-694	37.8930	80.8564		PPP	0.5 -	1.8	5.3	3.30 +	0.34	9.59 ++	1085.	61.	1.
1577	0000	-686	37.8930	80.8570		PPP	0.6 -	2.0	5.4	3.52 ++	0.37 +	9.62 ++	1109.	60.	2.
1578	0000	-689	37.8930	80.8576		PPP	0.6 -	1.9	5.7	3.06 +	0.33	9.36 +	1129.	59.	2.
1579	0000	-697	37.8930	80.8582		PPP	0.7 -	1.7	5.9	2.62 +	0.30	8.79 +	1142.	59.	2.
1580	0000	-691	37.8930	80.8589		PPP	0.7	1.6	6.0	2.36	0.27	8.71 +	1179.	59.	3.
1581	0000	-687	37.8930	80.8595		PPP	0.7	1.7	5.9	2.41	0.29	8.41 +	1197.	59.	3.

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-686	37.8930	80.8601		PPP	0.7	1.7	5.9	2.29	0.28	8.09 +	1207.	57.	4.
1583	0000	-684	37.8930	80.8608		PPP	0.8	1.6	6.1	2.08	0.26	7.93 +	1227.	57.	4.
1584	0000	-685	37.8930	80.8613		PPP	0.8	1.5	5.9	1.96	0.26	7.52	1229.	59.	4.
1585	0000	-688	37.8930	80.8620		PPP	0.8	1.7	6.0	2.26	0.29	7.90 +	1231.	58.	3.
1586	0000	-690	37.8930	80.8626		PPP	0.8	2.1	5.8	2.70 +	0.36 +	7.54	1267.	54.	3.
1587	0000	-691	37.8930	80.8632		PPP	0.8	2.4 +	6.1	3.07 +	0.39 +	7.82	1299.	53.	3.
1588	0000	-690	37.8930	80.8639		PPP	0.8	2.5 +	6.4	3.24 +	0.40 +	8.14 +	1342.	52.	4.
1589	0000	-695	37.8930	80.8645		PPP	0.9	2.4 +	6.4	2.86 +	0.38 +	7.46	1384.	55.	5.
1590	0000	-699	37.8930	80.8651		PPP	0.9	2.5 +	6.8	2.87 +	0.37 +	7.75	1446.	54.	5.
1591	0000	-692	37.8930	80.8657		PPP	0.9	2.7 +	7.7	3.06 +	0.35	8.64 +	1507.	53.	6.
1592	0000	-694	37.8930	80.8664		PPP	1.0	2.6 +	7.7	2.65 +	0.33	7.95 +	1569.	56.	8.
1593	0000	-699	37.8930	80.8670		PPP	1.0	2.5 +	7.9	2.49 +	0.32	7.81	1596.	59.	10.
1594	0000	-695	37.8930	80.8677		PPP	1.0	2.1	7.6	2.06	0.28	7.32	1577.	61.	11.
1595	0000	-693	37.8930	80.8683		PPP	1.1	2.0	7.3	1.84	0.27	6.79	1582.	61.	13.
1596	0000	-691	37.8930	80.8689		PPP	1.0	2.0	7.6	1.94	0.27	7.30	1597.	57.	14.
1597	0000	-696	37.8930	80.8695		PPP	1.0	1.6	7.2	1.70	0.23	7.44	1538.	58.	16.
1598	0000	-705	37.8930	80.8701		PPNR	1.0	1.2	6.2	1.25 -	0.20 -	6.28	1479.	57.	17.
1599	0000	-704	37.8929	80.8708		PPNR	1.0	1.1 -	6.0	1.20 -	0.19 -	6.32	1410.	55.	16.
1600	0000	-702	37.8929	80.8714		PPNR	0.9	0.9 -	5.6	1.04 -	0.16 -	6.48	1333.	53.	17.
1601	0000	-705	37.8929	80.8720		PPNR	0.8	0.9 -	5.2	1.17 -	0.18 -	6.59	1271.	53.	17.
1602	0000	-705	37.8929	80.8726		PPNR	0.7	0.8 -	4.8	1.16 -	0.17 -	6.83	1172.	54.	16.
1603	0000	-705	37.8929	80.8733		PPNR	0.6	0.6 -	4.0 -	1.02 -	0.16 --	6.40	1052.	54.	15.
1604	0000	-700	37.8929	80.8739		PPNR	0.6 -	0.8 -	3.4 -	1.41	0.24	5.81	983.	53.	14.
1605	0000	-696	37.8929	80.8745		PPNR	0.5 -	0.9 -	3.3 -	1.81	0.28	6.49	928.	52.	13.
1606	0000	-701	37.8929	80.8752		PPNR	0.4 -	0.9 -	3.1 --	2.00	0.27	7.29	851.	55.	12.
1607	0000	-702	37.8929	80.8757		PPNR	0.4 -	0.7 -	3.2 -	1.86	0.22	8.41 +	796.	54.	10.
1608	0000	-704	37.8929	80.8764		PPNR	0.3 -	0.7 -	2.9 --	2.17	0.24	9.05 +	733.	54.	9.
1609	0000	-712	37.8929	80.8770		PPNR	0.3 --	0.7 -	2.6 --	2.68 +	0.28	9.53 +	682.	53.	8.
1610	0000	-710	37.8929	80.8777		PPNR	0.3 --	0.9 -	2.4 --	3.41 +	0.36	9.43 +	651.	53.	7.
1611	0000	-707	37.8929	80.8783		PPNR	0.3 --	0.8 -	2.3 --	3.23 +	0.36	9.06 +	625.	53.	6.
1612	0000	-718	37.8929	80.8789		PPNR	0.3 --	0.8 -	2.3 --	2.85 +	0.34	8.32 +	615.	54.	6.
1613	0000	-718	37.8929	80.8795		PPNR	0.3 --	1.0 -	2.4 --	3.54 +	0.41 +	8.67 +	634.	53.	5.
1614	0000	-706	37.8929	80.8802		PPNR	0.3 --	1.2	2.3 --	3.90 ++	0.50 ++	7.72	662.	55.	5.
1615	0000	-707	37.8928	80.8808		PPNR	0.4 -	1.3	2.8 --	3.55 +	0.47 +	7.59	739.	53.	4.
1616	0000	-715	37.8928	80.8814		PPNR	0.4 -	1.3	3.3 -	3.14 +	0.39 +	7.97 +	812.	55.	4.
1617	0000	-711	37.8928	80.8821		PPNR	0.4 -	1.4	3.6 -	3.27 +	0.38 +	8.70 +	877.	57.	4.
1618	0000	-711	37.8928	80.8826		PPNR	0.5 -	1.5	4.0 -	3.38 +	0.38 +	8.84 +	951.	55.	3.
1619	0000	-723	37.8928	80.8833		PPNR	0.5 -	1.7	4.4 -	3.69 ++	0.39 +	9.51 +	1003.	56.	4.
1620	0000	-721	37.8928	80.8839		PPNR	0.5 -	1.9	4.3 -	3.80 ++	0.43 +	8.81 +	1052.	55.	4.
1621	0000	-710	37.8928	80.8846		PPNR	0.5 -	1.8	4.7	3.49 +	0.38 +	9.08 +	1094.	52.	4.
1622	0000	-712	37.8928	80.8852		PPNR	0.5 -	1.7	4.6	3.47 +	0.37	9.33 +	1097.	56.	5.
1623	0000	-719	37.8929	80.8858		PPNR	0.5 -	1.8	4.7	3.38 +	0.38 +	8.99 +	1114.	54.	5.
1624	0000	-718	37.8928	80.8864		PPNR	0.5 -	1.9	4.5 -	3.51 +	0.43 +	8.25 +	1138.	52.	4.
1625	0000	-720	37.8928	80.8871		PPNR	0.5 -	1.8	4.4 -	3.44 +	0.42 +	8.13 +	1139.	56.	5.
1626	0000	-724	37.8928	80.8877		PPNR	0.5 -	1.7	4.6	3.17 +	0.37	8.56 +	1148.	55.	5.
1627	0000	-717	37.8928	80.8883		PPNR	0.6 -	1.7	4.8	3.05 +	0.35	8.69 +	1148.	55.	4.
1628	0000	-717	37.8928	80.8890		PPNR	0.5 -	1.8	4.6	3.36 +	0.38 +	8.84 +	1132.	55.	5.
1629	0000	-720	37.8928	80.8896		PPNR	0.6 -	1.7	4.7	2.98 +	0.37	8.14 +	1150.	51.	5.
1630	0000	-714	37.8928	80.8902		PPNR	0.6 -	1.6	4.7	2.81 +	0.34	8.21 +	1132.	55.	6.
1631	0000	-714	37.8928	80.8908		PPNR	0.6 -	1.4	4.9	2.34	0.28	8.39 +	1117.	58.	8.
1632	0000	-719	37.8927	80.8915		PPNR	0.6 -	1.4	5.1	2.56 +	0.28	9.15 +	1123.	56.	8.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-716	37.8927	80.8921	PPNR	0.5 -	1.5	4.9	2.92 +	0.31	9.47 +	1122.	57.	9.
1634	0000	-718	37.8927	80.8927	PPNR	0.5 -	1.4	4.9	2.85 +	0.29	9.69 ++	1137.	58.	10.
1635	0000	-724	37.8927	80.8933	PPNR	0.5 -	1.4	5.3	2.78 +	0.27	10.43 ++	1160.	59.	11.
1636	0000	-727	37.8927	80.8939	PPNR	0.5 -	1.3	5.5	2.56	0.24	10.60 ++	1179.	61.	12.
1637	0000	-731	37.8927	80.8946	PPNR	0.6 -	1.4	6.0	2.53	0.24	10.76 ++	1231.	57.	12.
1638	0000	-727	37.8927	80.8952	PPNR	0.5 -	1.6	6.2	2.96 +	0.26	11.50 ++	1262.	56.	11.
1639	0000	-721	37.8927	80.8959	PPNR	0.6 -	1.4	6.5	2.46	0.22	11.18 ++	1278.	56.	12.
1640	0000	-725	37.8927	80.8964	PPNR	0.6	1.4	6.4	2.23	0.22	9.96 ++	1301.	54.	12.
1641	0000	-728	37.8927	80.8970	PPNR	0.7	1.5	6.6	2.09	0.22	9.45 +	1319.	55.	11.
1642	0000	-724	37.8927	80.8977	PPNR	0.8	1.3	6.7	1.76	0.20 -	8.78 +	1351.	56.	11.
1643	0000	-725	37.8927	80.8984	PPNR	0.8	1.6	6.5	2.09	0.24	8.55 +	1366.	54.	10.
1644	0000	-730	37.8927	80.8990	PPNR	0.7	1.7	6.3	2.28	0.26	8.66 +	1351.	58.	10.
1645	0000	-734	37.8927	80.8996	PPNR	0.7	1.7	6.2	2.34	0.27	8.52 +	1360.	56.	11.
1646	0000	-731	37.8927	80.9002	PPNR	0.7	1.7	6.1	2.41	0.28	8.49 +	1363.	57.	10.
1647	0000	-723	37.8927	80.9008	PPNR	0.7	1.8	6.6	2.68 +	0.27	9.86 ++	1369.	60.	10.
1648	0000	-723	37.8927	80.9015	PPNR	0.7	1.7	6.8	2.64 +	0.26	10.21 ++	1398.	60.	11.
1649	0000	-734	37.8926	80.9021	PPNR	0.6	2.2	6.7	3.33 +	0.32	10.31 ++	1413.	57.	9.
1650	0000	-738	37.8926	80.9027	PPNR	0.6	2.2	6.8	3.37 +	0.32	10.39 ++	1438.	60.	8.
1651	0000	-738	37.8926	80.9034	PPNR	0.7	2.4 +	6.7	3.61 ++	0.36	10.11 ++	1472.	59.	6.
1652	0000	-738	37.8926	80.9039	PPNR	0.7	2.6 +	7.1	3.74 ++	0.36	10.37 ++	1502.	58.	5.
1653	0000	-737	37.8926	80.9046	PPNR	0.7	2.7 +	7.4 +	3.55 +	0.36	9.87 ++	1556.	58.	3.
1654	0000	-739	37.8926	80.9052	PPNR	0.8	2.7 +	7.1	3.39 +	0.39 +	8.51 +	1600.	58.	2.
1655	0000	-743	37.8926	80.9059	PPNR	0.8	2.7 +	7.4 +	3.22 +	0.36	8.87 +	1622.	56.	1.
1656	0000	-745	37.8926	80.9065	PPNR	0.9	2.7 +	7.7 +	3.09 +	0.35	8.65 +	1641.	55.	1.
1657	0000	-745	37.8926	80.9071	PPNR	0.9	2.6 +	7.7 +	2.90 +	0.33	8.68 +	1635.	54.	0.
1658	0000	-738	37.8926	80.9077	PPNR	0.9	2.3 +	7.9 +	2.56 +	0.29	8.69 +	1637.	52.	1.
1659	0000	-734	37.8926	80.9084	PPNR	0.9	2.3 +	7.7 +	2.52	0.30	8.47 +	1625.	53.	2.
1660	0000	-733	37.8926	80.9090	PPNR	0.9	2.4 +	7.4 +	2.71 +	0.33	8.19 +	1606.	53.	2.
1661	0000	-734	37.8926	80.9096	PPNR	0.8	2.3	7.5 +	2.65 +	0.30	8.83 +	1586.	53.	3.
1662	0000	-744	37.8926	80.9103	PPNR	0.9	2.2	6.8	2.55	0.33	7.78	1557.	56.	4.
1663	0000	-749	37.8926	80.9109	PPNR	0.8	2.0	6.3	2.56	0.32	7.97 +	1493.	60.	5.
1664	0000	-746	37.8926	80.9115	PPNR	0.7	1.9	6.1	2.62 +	0.31	8.35 +	1417.	61.	5.
1665	0000	-751	37.8925	80.9121	PPNR	0.7	1.8	5.6	2.71 +	0.33	8.25 +	1340.	60.	5.
1666	0000	-752	37.8925	80.9128	PPNR	0.7	1.4	5.6	2.07	0.25	8.21 +	1250.	60.	6.
1667	0000	-746	37.8925	80.9134	PPNR	0.6 -	1.0 -	5.2	1.72	0.20 -	8.79 +	1163.	62.	7.
1668	0000	-749	37.8925	80.9140	PPNR	0.6 -	1.0 -	4.8	1.71	0.20 -	8.35 +	1077.	60.	7.
1669	0000	-752	37.8925	80.9146	PPNR	0.5 -	0.9 -	4.8	1.75	0.19 -	9.18 +	1005.	58.	8.
1670	0000	-749	37.8925	80.9152	PPNR	0.5 -	0.9 -	4.4 -	1.84	0.21	8.69 +	964.	54.	8.
1671	0000	-752	37.8925	80.9159	PPNR	0.5 -	0.9 -	4.1 -	1.74	0.22	7.98 +	959.	52.	10.
1672	0000	-756	37.8925	80.9165	PPNR	0.5 -	0.9 -	4.1 -	1.59	0.21 -	7.53	985.	53.	11.
1673	0000	-750	37.8925	80.9172	PPNR	0.6 -	0.8 -	4.2 -	1.42	0.20 -	7.16	1042.	54.	12.
1674	0000	-748	37.8925	80.9178	PPNR	0.6 -	1.3	4.4 -	2.15	0.29	7.50	1118.	53.	12.
1675	0000	-759	37.8925	80.9184	PPNR	0.7	1.4	4.8	2.12	0.29	7.39	1210.	55.	13.
1676	0000	-767	37.8925	80.9190	PPNR	0.7	1.4	5.2	1.97	0.26	7.54	1293.	56.	12.
1677	0000	-765	37.8925	80.9197	PPNR	0.7	1.3	5.8	1.79	0.23	7.90	1365.	57.	12.
1678	0000	-758	37.8925	80.9203	PPNR	0.7	1.5	6.1	2.00	0.24	8.29 +	1401.	59.	11.
1679	0000	-759	37.8925	80.9209	PPNR	0.7	1.6	6.2	2.30	0.25	9.03 +	1390.	60.	10.
1680	0000	-768	37.8925	80.9215	PPNR	0.6	1.8	6.2	2.74 +	0.29	9.53 +	1357.	60.	8.
1681	0000	-769	37.8925	80.9221	PPNR	0.6	1.5	6.0	2.37	0.25	9.38 +	1296.	58.	6.
1682	0000	-766	37.8924	80.9228	PPNR	0.6 -	1.5	5.6	2.55	0.26	9.67 ++	1202.	58.	4.
1683	0000	-767	37.8924	80.9234	PPNR	0.5 -	1.6	5.4	3.01 +	0.29	10.46 ++	1112.	57.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-769	37.8924	80.9240	PPNR	0.5 -	1.4	4.9	3.08 +	0.30	10.40 ++	1027.	57.	3.
1685	0000	-770	37.8924	80.9247	PPNR	0.5 -	1.1 -	4.6	2.34	0.25	9.37 +	968.	57.	4.
1686	0000	-766	37.8924	80.9253	PPNR	0.5 -	1.1 -	4.3 -	2.30	0.25	9.13 +	924.	57.	5.
1687	0000	-764	37.8924	80.9259	PPNR	0.5 -	1.0 -	4.2 -	2.08	0.23	9.07 +	894.	55.	6.
1688	0000	-769	37.8924	80.9266	PPNR	0.4 -	0.9 -	4.0 -	1.94	0.22	8.94 +	882.	57.	7.
1689	0000	-771	37.8924	80.9272	PPNR	0.4 -	0.8 -	3.9 -	1.73	0.20 -	8.79 +	885.	56.	10.
1690	0000	-773	37.8924	80.9278	PPNR	0.5 -	0.5 --	3.7 -	1.04 -	0.13 --	7.85	883.	57.	12.
1691	0000	-776	37.8923	80.9284	PPNR	0.5 -	0.5 --	3.8 -	0.98 -	0.13 --	7.65	888.	58.	13.
1692	0000	-775	37.8923	80.9290	PPNR	0.5 -	0.6 --	3.7 -	1.17 -	0.15 --	7.87	881.	57.	14.
1693	0010	-775	37.8923	80.9297	PPNR	0.5 -	0.3 N.A.	3.7 -	0.68 N.A.	0.09 N.A.	7.70	874.	57.	14.
1694	0000	-774	37.8923	80.9303	PPNR	0.5 -	0.5 --	3.6 -	1.02 -	0.13 --	7.83	881.	55.	14.
1695	0000	-773	37.8923	80.9309	PPNR	0.5 -	0.7 -	3.5 -	1.37	0.19 -	7.12	885.	56.	14.
1696	0000	-777	37.8923	80.9315	PPNR	0.5 -	0.7 -	3.5 -	1.38	0.20 -	6.93	896.	56.	13.
1697	0000	-779	37.8923	80.9322	PPNR	0.5 -	0.8 -	3.6 -	1.75	0.24	7.34	886.	56.	11.
1698	0000	-778	37.8923	80.9328	PPNR	0.5 -	0.9 -	3.2 -	1.89	0.28	6.86	864.	57.	11.
1699	0000	-784	37.8923	80.9334	PPNR	0.5 -	1.1 -	3.3 -	2.47	0.35	7.15	871.	57.	8.
1700	0000	-788	37.8923	80.9341	PPNR	0.5 -	1.5	3.2 -	3.08 +	0.47 +	6.63	906.	56.	6.
1701	0000	-784	37.8923	80.9347	PPNR	0.6 -	1.6	3.3 -	2.69 +	0.47 +	5.75	945.	57.	5.
1702	0000	-783	37.8923	80.9353	PPNR	0.6 -	1.6	3.9 -	2.77 +	0.41 +	6.71	982.	54.	4.
1703	0000	-786	37.8923	80.9360	PPNR	0.6 -	1.6	4.0 -	2.77 +	0.41 +	6.75	1002.	54.	4.
1704	0000	-786	37.8923	80.9366	PPNR	0.6 -	1.7	3.7 -	2.84 +	0.47 +	6.07	1021.	54.	4.
1705	0000	-786	37.8923	80.9372	PPNR	0.6 -	1.8	4.1 -	3.19 +	0.45 +	7.14	1047.	52.	4.
1706	0000	-789	37.8923	80.9378	PPNR	0.6 -	1.6	4.2 -	2.85 +	0.39 +	7.33	1047.	51.	5.
1707	0000	-784	37.8922	80.9384	PPNR	0.5 -	1.4	4.4 -	2.64 +	0.32	8.14 +	1011.	52.	7.
1708	0000	-782	37.8922	80.9391	PPNR	0.4 -	1.3	4.1 -	2.87 +	0.31	9.16 +	973.	51.	8.
1709	0000	-791	37.8922	80.9397	PPNR	0.4 -	1.0 -	3.9 -	2.22	0.25	8.90 +	930.	54.	9.
1710	0000	-790	37.8922	80.9403	PPNR	0.4 -	1.0 -	3.9 -	2.35	0.25	9.33 +	900.	53.	9.
1711	0000	-788	37.8922	80.9410	PPNR	0.4 -	0.9 -	3.9 -	2.10	0.23	9.20 +	890.	56.	10.
1712	0000	-795	37.8922	80.9416	PPNR	0.5 -	0.7 -	4.0 -	1.59	0.18 -	8.74 +	889.	57.	10.
1713	0000	-797	37.8923	80.9422	PPNR	0.5 -	0.7 -	4.0 -	1.52	0.18 -	8.37 +	914.	59.	10.
1714	0000	-797	37.8923	80.9429	PPNR	0.5 -	0.9 -	4.2 -	1.78	0.22	8.23 +	976.	58.	10.
1715	0000	-799	37.8923	80.9434	PPNR	0.6 -	1.1 -	4.6	2.00	0.25	7.99 +	1037.	60.	9.
1716	0000	-799	37.8922	80.9441	PPNR	0.6 -	1.2	4.7	1.99	0.26	7.54	1107.	60.	10.
1717	0000	-806	37.8922	80.9448	PPNR	0.6 -	1.4	4.8	2.25	0.29	7.73	1157.	61.	10.
1718	0000	-800	37.8922	80.9453	PPNR	0.6 -	1.5	5.2	2.39	0.28	8.45 +	1202.	60.	9.
1719	0000	-790	37.8922	80.9460	PPNR	0.6 -	1.6	5.3	2.66 +	0.31	8.61 +	1229.	60.	10.
1720	0000	-801	37.8922	80.9466	PPNR	0.6 -	1.7	5.2	2.71 +	0.32	8.39 +	1236.	59.	10.
1721	0000	-808	37.8922	80.9472	PPNR	0.6 -	1.5	5.1	2.50	0.30	8.40 +	1206.	61.	10.
1722	0000	-804	37.8922	80.9479	PPNR	0.6 -	1.3	5.1	2.26	0.26	8.78 +	1150.	61.	10.
1723	0000	-805	37.8922	80.9485	PPNR	0.5 -	1.4	4.8	2.89 +	0.29	9.87 ++	1089.	58.	10.
1724	0000	-805	37.8921	80.9491	PPNR	0.5 -	1.3	4.6	2.65 +	0.28	9.39 +	1038.	58.	9.
1725	0000	-802	37.8921	80.9497	PPNR	0.5 -	1.2	4.5 -	2.60 +	0.28	9.40 +	1000.	59.	9.
1726	0000	-806	37.8921	80.9503	PPNR	0.5 -	1.0 -	4.4 -	2.20	0.24	9.25 +	979.	57.	9.
1727	0000	-811	37.8921	80.9510	PPNR	0.5 -	1.2	4.4 -	2.57 +	0.27	9.41 +	975.	57.	8.
1728	0000	-810	37.8921	80.9516	PPNR	0.5 -	1.4	4.4 -	2.96 +	0.31	9.64 ++	1004.	53.	8.
1729	0000	-809	37.8921	80.9522	PPNR	0.5 -	1.5	4.7	3.08 +	0.31	9.80 ++	1038.	52.	7.
1730	0000	-812	37.8921	80.9529	PPNR	0.5 -	1.5	4.7	2.94 +	0.32	9.33 +	1070.	55.	7.
1731	0000	-811	37.8921	80.9535	PPNR	0.5 -	1.5	5.1	2.69 +	0.29	9.34 +	1113.	52.	9.
1732	0000	-810	37.8921	80.9541	PPNR	0.6 -	1.6	5.2	2.79 +	0.31	9.15 +	1148.	50.	6.
1733	0000	-810	37.8921	80.9547	PPNR	0.6 -	1.8	5.1	3.04 +	0.35	8.66 +	1164.	52.	6.
1734	0000	-812	37.8921	80.9554	PPNR	0.6 -	1.8	5.0	3.03 +	0.35	8.65 +	1162.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-817	37.8921	80.9560	PPNR	0.6 -	1.7	5.1	3.06 +	0.34	8.91 +	1146.	56.	5.
1736	0000	-818	37.8921	80.9566	PPNR	0.5 -	1.8	4.9	3.31 +	0.36	9.13 +	1144.	56.	5.
1737	0000	-816	37.8921	80.9573	PPNR	0.5 -	1.8	5.0	3.30 +	0.35	9.12 +	1118.	54.	5.
1738	0000	-813	37.8921	80.9579	PPNR	0.5 -	1.8	4.9	3.35 +	0.37	9.06 +	1094.	55.	4.
1739	0000	-810	37.8921	80.9585	PPNR	0.5 -	1.8	4.8	3.49 +	0.38 +	9.13 +	1068.	58.	4.
1740	0000	-817	37.8921	80.9591	PPNR	0.5 -	1.9	4.5 -	4.06 ++	0.41 +	9.89 ++	1044.	58.	3.
1741	0000	-821	37.8920	80.9597	PPNR	0.4 -	1.7	4.6	3.91 ++	0.37	10.51 ++	1025.	57.	3.
1742	0000	-814	37.8920	80.9604	PPNR	0.4 -	1.8	4.1 -	3.97 ++	0.43 +	9.26 +	992.	59.	3.
1743	0000	-820	37.8920	80.9610	PPNR	0.5 -	1.6	3.9 -	3.53 +	0.41 +	8.61 +	949.	61.	3.
1744	0000	-831	37.8920	80.9617	PPNR	0.4 -	1.4	3.8 -	3.22 +	0.37	8.69 +	934.	63.	4.
1745	0000	-825	37.8920	80.9623	PPNR	0.4 -	1.4	3.6 -	3.82 ++	0.38 +	9.93 ++	909.	61.	4.
1746	0000	-818	37.8920	80.9628	PPNR	0.3 -	1.4	3.4 -	4.20 ++	0.40 +	10.38 ++	881.	59.	4.
1747	0000	-824	37.8920	80.9635	PPNR	0.4 -	1.1 -	3.5 -	2.91 +	0.30	9.63 ++	854.	59.	5.
1748	0000	-831	37.8920	80.9642	PPNR	0.4 -	1.1 -	3.4 -	3.01 +	0.32	9.53 +	844.	58.	6.
1749	0000	-830	37.8920	80.9648	PPNR	0.4 -	1.0 -	3.5 -	2.85 +	0.29	10.03 ++	839.	55.	7.
1750	0000	-826	37.8920	80.9654	PPNR	0.3 -	1.0 -	3.6 -	3.10 +	0.29	10.77 ++	841.	53.	7.
1751	0000	-832	37.8920	80.9661	PPNR	0.4 -	1.0 -	3.7 -	2.60 +	0.27	9.53 +	850.	53.	7.
1752	0000	-836	37.8920	80.9666	PPNR	0.5 -	1.2 -	3.8 -	2.41	0.30	8.06 +	895.	53.	8.
1753	0000	-827	37.8920	80.9673	PPNR	0.6 -	1.2	4.3 -	1.97	0.27	7.19	977.	53.	9.
1754	0000	-829	37.8920	80.9679	PPNR	0.7	1.5	4.9	2.10	0.30	7.00	1118.	52.	9.
1755	0000	-839	37.8920	80.9685	PPNR	0.8	1.7	5.9	2.15	0.29	7.75	1237.	54.	8.
1756	0000	-836	37.8920	80.9692	PPNR	0.9	2.0	6.9	2.36	0.29	8.12 +	1384.	54.	7.
1757	0000	-832	37.8920	80.9698	PPNR	1.0	2.0	7.2	1.99	0.28	7.10	1494.	54.	7.
1758	0000	-836	37.8920	80.9703	PPNR	1.0	2.3 +	7.4 +	2.23	0.31	7.15	1544.	54.	6.
1759	0000	-838	37.8920	80.9709	PPNR	1.0	2.1	7.5 +	2.13	0.28	7.51	1545.	54.	5.
1760	0000	-838	37.8920	80.9714	PPNR	0.9	2.1	7.3	2.27	0.28	8.09 +	1480.	56.	5.
1761	0000	-836	37.8920	80.9720	PPNR	0.8	2.0	6.7	2.42	0.29	8.21 +	1347.	56.	4.
1762	0000	-834	37.8920	80.9725	PPNR	0.7	1.9	5.3	2.68 +	0.35	7.54	1200.	55.	4.
1763	0000	-839	37.8920	80.9731	PPNR	0.6	1.4	4.3 -	2.16	0.32	6.79	1033.	55.	5.
1764	0000	-842	37.8920	80.9736	PPNR	0.5 -	1.3	3.8 -	2.73 +	0.34	8.13 +	900.	54.	4.
1765	0000	-834	37.8920	80.9742	PPNR	0.4 -	1.2	3.5 -	3.14 +	0.34	9.14 +	822.	53.	5.
1766	0000	-835	37.8921	80.9747	PPNR	0.4 -	1.2 -	3.4 -	3.21 +	0.34	9.32 +	782.	52.	5.
1767	0000	-845	37.8921	80.9752	PPNR	0.3 -	1.3	3.1 --	3.66 ++	0.40 +	9.16 +	781.	51.	5.
1768	0000	-840	37.8921	80.9758	PPNR	0.3 -	1.1 -	3.5 -	3.10 +	0.31	10.07 ++	802.	51.	5.
1769	0000	-842	37.8921	80.9763	PPNR	0.4 -	1.0 -	3.7 -	2.59 +	0.27	9.44 +	832.	51.	5.
1770	0000	-847	37.8921	80.9768	PPNR	0.4 -	1.1 -	3.8 -	2.83 +	0.30	9.43 +	871.	52.	5.
1771	0000	-842	37.8922	80.9774	PPNR	0.4 -	1.2	3.8 -	2.86 +	0.32	9.04 +	893.	53.	6.
1772	0000	-844	37.8922	80.9779	PPNR	0.4 -	1.2	3.8 -	2.86 +	0.32	8.86 +	899.	54.	7.
1773	0000	-845	37.8922	80.9785	PPNR	0.4 -	1.2	3.6 -	2.82 +	0.35	8.15 +	890.	54.	7.
1774	0000	-841	37.8922	80.9790	PPNR	0.4 -	1.0 -	3.6 -	2.40	0.29	8.38 +	873.	54.	7.
1775	0000	-849	37.8922	80.9796	PPNR	0.5 -	1.1 -	3.3 -	2.50	0.34	7.33	870.	52.	8.
1776	0000	-849	37.8922	80.9801	PPNR	0.4 -	0.9 -	3.4 -	2.18	0.28	7.79	862.	54.	9.
1777	0000	-845	37.8922	80.9807	PPNR	0.4 -	0.9 -	3.4 -	2.18	0.27	8.08 +	840.	56.	8.
1778	0000	-848	37.8922	80.9812	PPNR	0.4 -	1.1 -	3.4 -	2.51	0.31	8.09 +	837.	55.	7.
1779	0000	-850	37.8923	80.9818	PPNR	0.4 -	0.9 -	3.3 -	2.28	0.29	7.93 +	825.	56.	7.
1780	0000	-852	37.8923	80.9823	PPNR	0.4 -	1.1 -	3.0 --	2.97 +	0.36	8.31 +	817.	58.	7.
1781	0000	-851	37.8923	80.9829	PPNR	0.4 -	1.1 -	3.0 --	3.12 +	0.38 +	8.21 +	820.	57.	6.
1782	0000	-852	37.8923	80.9834	PPNR	0.4 -	0.9 -	3.2 -	2.34	0.28	8.27 +	805.	58.	6.
1783	0000	-857	37.8923	80.9839	PPNR	0.4 -	1.0 -	3.3 -	2.43	0.30	8.00 +	799.	56.	6.
1784	0000	-852	37.8923	80.9845	PPNR	0.4 -	0.9 -	3.4 -	2.36	0.26	8.90 +	811.	57.	6.
1785	0000	-851	37.8923	80.9850	PPNR	0.4 -	0.8 -	3.4 -	2.12	0.24	8.96 +	821.	59.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-860	37.8923	80.9856	PPNR	0.4 -	0.8 -	3.5 -	2.02	0.23	8.90 +	823.	57.	8.
1787	0000	-862	37.8923	80.9861	PPNR	0.4 --	0.4 --	3.9 -	0.97 -	0.11 ---	8.64 +	821.	56.	8.
1788	0000	-861	37.8924	80.9867	PPNR	0.5 -	0.5 --	3.8 -	0.71 --	0.09 ---	8.23 +	808.	58.	9.
1789	0000	-856	37.8924	80.9872	PPNR	0.4 -	0.5 --	3.5 -	1.25 -	0.14 --	8.77 +	796.	58.	9.
1790	0000	-850	37.8924	80.9877	PPNR	0.4 -	0.5 --	3.5 -	1.30 -	0.15 --	8.45 +	800.	58.	9.
1791	0000	-857	37.8924	80.9883	PPNR	0.5 -	0.6 --	3.5 -	1.23 -	0.16 -	7.58	818.	56.	9.
1792	0000	-866	37.8924	80.9888	PPNR	0.5 -	0.7 -	4.0 -	1.31 -	0.16 -	7.93 +	868.	56.	9.
1793	0000	-864	37.8924	80.9894	PPNR	0.6 -	0.8 -	4.2 -	1.31 -	0.19 -	6.92	976.	57.	9.
1794	0000	-861	37.8924	80.9899	PPNR	0.8	0.8 -	5.0	1.01 -	0.16 -	6.17	1123.	57.	9.
1795	0000	-867	37.8924	80.9905	PPNR	1.0	1.1 -	5.5	1.10 -	0.20 -	5.57	1277.	55.	9.
1796	0000	-867	37.8924	80.9910	PPNR	1.1	1.4	6.3	1.26 -	0.23	5.53	1436.	54.	9.
1797	0000	-857	37.8925	80.9916	PPNR	1.2	1.6	6.7	1.36	0.24	5.67	1554.	58.	10.
1798	0000	-859	37.8925	80.9921	PPNR	1.2	1.8	7.1	1.44	0.25	5.88	1643.	58.	10.
1799	0000	-867	37.8925	80.9927	PPNR	1.2 +	2.0	7.1	1.60	0.28	5.67	1676.	58.	11.
1800	0000	-859	37.8925	80.9932	PPNR	1.2	1.8	7.6 +	1.51	0.24	6.27	1676.	55.	11.
1801	0000	-855	37.8925	80.9938	PPNR	1.1	2.1	7.0	1.88	0.30	6.36	1618.	56.	11.
1802	0000	-863	37.8925	80.9943	PPNR	1.0	2.0	7.3	1.97	0.27	7.36	1570.	59.	11.
1803	0000	-869	37.8925	80.9948	PPNR	0.9	1.8	7.0	1.88	0.25	7.45	1524.	62.	11.
1804	0000	-869	37.8925	80.9953	PPNR	0.9	1.5	7.6 +	1.72	0.20 -	8.37 +	1509.	61.	9.
1805	0000	-865	37.8926	80.9959	PPNR	0.9	1.6	7.3	1.69	0.22	7.73	1470.	61.	8.
1806	0000	-860	37.8926	80.9965	PPNR	1.0	1.4	7.0	1.44	0.20 -	7.19	1426.	60.	7.
1807	0000	-864	37.8926	80.9970	PPNR	0.9	1.5	6.3	1.66	0.24	6.93	1338.	63.	6.
1808	0000	-867	37.8926	80.9975	PPNR	0.8	1.4	5.8	1.84	0.25	7.40	1248.	62.	5.
1809	0000	-865	37.8926	80.9981	PPNR	0.7	1.3	5.2	1.86	0.26	7.24	1140.	60.	4.
1810	0000	-864	37.8927	80.9986	PPNR	0.6 -	1.3	4.5 -	2.10	0.28	7.42	1019.	58.	3.
1811	0000	-861	37.8927	80.9992	PPNR	0.6 -	1.3	3.5 -	2.18	0.36	6.07	896.	57.	3.
1812	0000	-864	37.8927	80.9997	PPNR	0.5 -	1.1 -	3.0 --	2.15	0.35	5.14	801.	58.	2.
1813	0000	-872	37.8927	81.0003	PPNR	0.4 -	1.0 -	3.0 --	2.71 +	0.34	8.04 +	729.	57.	2.
1814	0000	-872	37.8927	81.0008	PPNR	0.4 -	0.9 -	2.7 --	2.58 +	0.34	7.62	706.	58.	1.
1815	0000	-868	37.8927	81.0014	PPNR	0.4 -	0.9 -	2.9 --	2.48	0.31	8.01 +	702.	59.	0.
1816	0000	-870	37.8927	81.0018	PPNR	0.3 -	1.2	2.5 --	3.40 +	0.48 +	7.04	704.	59.	0.
1817	0000	-871	37.8927	81.0025	PPNR	0.3 -	1.2	2.8 --	3.42 +	0.42 +	8.14 +	712.	58.	0.
1818	0000	-872	37.8928	81.0030	PPNR	0.3 -	1.3	2.6 --	3.86 ++	0.50 +	7.79	722.	59.	0.
1819	0000	-876	37.8928	81.0036	PPNR	0.3 -	1.5	2.7 --	4.53 ++	0.55 ++	8.17 +	721.	58.	0.
1820	0000	-874	37.8928	81.0040	PPNR	0.4 -	1.3	2.7 --	3.57 ++	0.47 +	7.62	721.	59.	0.
1821	0000	-868	37.8928	81.0047	PPNR	0.4 -	1.3	3.0 --	3.53 +	0.42 +	8.31 +	706.	58.	0.
1822	0000	-869	37.8928	81.0051	PPNR	0.3 -	1.3	2.9 --	3.88 ++	0.47 +	8.33 +	686.	55.	0.
1823	0000	-876	37.8929	81.0057	PPNR	0.3 --	1.1 -	3.2 -	3.54 +	0.36	9.86 ++	658.	55.	1.
1824	0000	-876	37.8929	81.0062	PPNR	0.3 -	0.9 -	2.9 --	2.82 +	0.32	8.75 +	632.	55.	1.
1825	0000	-873	37.8929	81.0068	PPNR	0.3 --	0.8 -	2.9 --	2.77 +	0.27	10.12 ++	606.	53.	1.
1826	0000	-873	37.8929	81.0073	PPNR	0.3 --	0.7 -	2.8 --	2.55	0.25	10.05 ++	587.	53.	1.
1827	0000	-871	37.8929	81.0079	PPNR	0.3 --	0.8 -	3.1 --	3.12 +	0.26	11.78 +++	578.	54.	2.
1828	0000	-870	37.8929	81.0083	PPNR	0.2 --	0.7 -	3.1 --	2.94 +	0.23	12.70 +++	567.	54.	2.
1829	0000	-875	37.8929	81.0090	PPNR	0.2 --	0.5 --	2.9 --	2.27	0.18 -	12.44 +++	555.	56.	2.
1830	0000	-876	37.8929	81.0095	PPNR	0.3 --	0.6 -	2.7 --	2.50	0.24	10.65 ++	555.	58.	2.
1831	0000	-874	37.8930	81.0101	PPNR	0.3 --	0.7 -	2.7 --	2.74 +	0.26	10.50 ++	557.	58.	1.
1832	0000	-878	37.8930	81.0105	PPNR	0.3 --	0.9 -	2.7 --	3.37 +	0.35	9.69 ++	572.	59.	1.
1833	0000	-880	37.8930	81.0112	PPNR	0.3 --	0.9 -	3.0 --	3.28 +	0.31	10.66 ++	594.	59.	1.
1834	0000	-876	37.8930	81.0116	PPNR	0.3 -	1.1 -	2.7 --	3.41 +	0.42 +	8.08 +	623.	57.	1.
1835	0000	-878	37.8930	81.0122	PPNR	0.4 -	1.2	2.6 --	3.17 +	0.47 +	6.70	651.	62.	1.
1836	0000	-879	37.8930	81.0127	PPNR	0.4 -	1.5	2.9 --	3.45 +	0.52 ++	6.85	718.	61.	2.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-874	37.8930	81.0133	PPNR	0.5 -	1.7	3.3 -	3.38 +	0.52 ++	6.54	813.	60.	2.
1838	0000	-877	37.8930	81.0138	PPNR	0.6 -	1.8	3.8 -	3.18 +	0.48 +	6.64	917.	59.	2.
1839	0000	-881	37.8930	81.0144	PPNR	0.7	1.7	4.4 -	2.40	0.40 +	6.06	1021.	58.	3.
1840	0000	-877	37.8931	81.0149	PPNR	0.8	1.8	4.3 -	2.12	0.41 +	5.13 -	1098.	61.	4.
1841	0000	-877	37.8931	81.0155	PPNR	0.9	1.8	5.1	1.93	0.34	5.63	1176.	63.	4.
1842	0000	-880	37.8931	81.0160	PPNR	1.0	1.5	5.7	1.47	0.26	5.57	1265.	59.	4.
1843	0000	-880	37.8931	81.0165	PPNR	1.1	1.7	5.8	1.56	0.30	5.15 -	1342.	57.	4.
1844	1000	-879	37.8931	81.0171	PPNR	1.1	2.1	6.5	1.95	0.32	6.15	1422.	55.	4.
1845	1000	-878	37.8931	81.0177	PPNR	1.1	2.0	7.2	1.77	0.28	6.40	1491.	55.	4.
1846	1000	-879	37.8931	81.0182	PPNR	1.2	2.0	7.8 +	1.70	0.26	6.45	1546.	54.	5.
1847	1000	-880	37.8931	81.0187	PPNR	1.3 +	2.3 +	8.3 +	1.77	0.28	6.43	1611.	52.	4.
1848	1000	-877	37.8931	81.0192	PPNR	1.3 +	2.4 +	8.4 +	1.79	0.29	6.22	1649.	49.	4.
1849	1000	-875	37.8932	81.0198	PPNR	1.3 +	3.1 ++	7.9 +	2.36	0.40 +	5.95	1666.	50.	3.
1850	1000	-878	37.8932	81.0203	PPNR	1.3 +	3.0 ++	8.4 +	2.27	0.36	6.39	1654.	50.	2.
1851	1000	-881	37.8932	81.0209	PPP	1.5 +	2.5 +	8.2 +	1.69	0.30	5.61	1621.	52.	3.
1852	1000	-884	37.8932	81.0214	PPP	1.5 +	2.4 +	7.9	1.63	0.30	5.40	1582.	52.	3.
1853	1000	-880	37.8933	81.0220	PPP	1.4	2.3	7.8	1.70	0.30	5.74	1549.	52.	3.
1854	0000	-876	37.8933	81.0225	PPP	1.2	2.2	7.5	1.78	0.29	6.08	1514.	51.	3.
1855	0000	-879	37.8933	81.0231	PPP	1.1	2.2	7.1	1.91	0.31	6.23	1467.	51.	3.
1856	0000	-876	37.8933	81.0236	MBP	1.1 +	1.8	7.2	1.68	0.25	6.73 -	1417.	51.	3.
1857	0000	-872	37.8933	81.0242	MBP	0.9	1.7	6.8	1.75	0.25	7.14	1349.	51.	2.
1858	0000	-876	37.8933	81.0247	MBP	0.8	1.5	6.2	1.81	0.25	7.31	1267.	50.	2.
1859	0000	-878	37.8933	81.0253	MBP	0.7	1.8	5.2	2.59	0.34	7.67	1164.	50.	1.
1860	0000	-880	37.8933	81.0258	MBP	0.6	1.8	4.7 -	2.81	0.38 +	7.48	1073.	50.	1.
1861	0000	-879	37.8933	81.0263	MBP	0.5	1.5	4.1 -	2.79	0.37 +	7.56	975.	52.	1.
1862	0000	-873	37.8934	81.0269	MBP	0.5	1.4	3.9 -	2.70	0.34	7.84	908.	53.	2.
1863	0000	-877	37.8934	81.0274	MBP	0.5 -	1.2	3.9 -	2.72	0.32	8.63	855.	55.	2.
1864	0000	-884	37.8934	81.0280	MBP	0.4 -	1.3	3.8 -	2.98	0.34	8.87	827.	55.	3.
1865	0000	-882	37.8934	81.0285	MBP	0.4 -	1.3	3.8 -	3.59 +	0.34	10.46	799.	58.	3.
1866	0000	-878	37.8934	81.0291	MBP	0.4 -	1.1 -	4.0 -	2.87	0.28	10.15	796.	57.	4.
1867	0000	-878	37.8934	81.0296	MBP	0.3 -	1.1 -	3.6 --	3.07 +	0.31	10.93	783.	56.	4.
1868	0000	-883	37.8934	81.0301	MBP	0.3 -	1.2	3.7 -	4.03 +	0.32	12.44 +	797.	54.	4.
1869	0000	-883	37.8934	81.0307	MBP	0.3 -	1.2 -	3.4 --	4.11 +	0.34	12.18 +	800.	53.	5.
1870	0000	-877	37.8935	81.0312	PPP	0.3 ---	1.2 -	3.2 --	4.21 ++	0.37 +	11.47 ++	804.	51.	6.
1871	0000	-881	37.8935	81.0318	PPP	0.3 ---	1.2 -	3.2 --	4.01 ++	0.37 +	10.76 ++	801.	50.	5.
1872	0000	-882	37.8935	81.0323	PPP	0.3 ---	1.1 -	3.0 --	3.28 +	0.35	9.39 +	807.	48.	6.
1873	0000	-875	37.8935	81.0329	PPP	0.3 ---	1.2 -	3.0 --	3.72 ++	0.39 +	9.54 +	815.	48.	7.
1874	0000	-875	37.8935	81.0334	PPP	0.3 ---	1.2 -	2.7 --	3.74 ++	0.44 +	8.56 +	813.	49.	7.
1875	0000	-880	37.8935	81.0340	PPP	0.4 --	1.2 -	2.8 --	3.33 +	0.42 +	8.01 +	805.	49.	7.
1876	0000	-880	37.8935	81.0345	PPNR	0.3 -	1.2 -	3.1 --	3.35 +	0.38 +	8.82 +	814.	48.	6.
1877	0000	-878	37.8935	81.0351	PPNR	0.3 -	1.4	3.3 -	3.96 ++	0.42 +	9.48 +	822.	46.	5.
1878	0000	-878	37.8935	81.0356	PPNR	0.4 -	1.3	3.2 -	3.17 +	0.41 +	7.67	839.	49.	5.
1879	0000	-878	37.8936	81.0362	PPNR	0.4 -	1.5	3.2 -	4.15 ++	0.48 +	8.67 +	844.	50.	4.
1880	0000	-878	37.8936	81.0367	PPNR	0.4 -	1.6	3.3 -	4.19 ++	0.48 +	8.75 +	857.	50.	2.
1881	0000	-875	37.8936	81.0372	PPNR	0.4 -	1.7	3.4 -	3.97 ++	0.49 +	8.08 +	880.	51.	2.
1882	0000	-878	37.8936	81.0378	PPNR	0.4 -	1.9	3.6 -	4.41 ++	0.54 ++	8.21 +	913.	50.	1.
1883	0000	-882	37.8937	81.0383	PPNR	0.5 -	2.1	3.8 -	4.73 ++	0.56 ++	8.40 +	935.	52.	1.
1884	0000	-878	37.8937	81.0388	PPNR	0.5 -	2.2	3.9 -	4.60 ++	0.56 ++	8.24 +	978.	55.	1.
1885	0000	-874	37.8937	81.0394	PPNR	0.5 -	2.2	4.5 -	4.62 ++	0.48 +	9.57 +	1005.	53.	1.
1886	0000	-874	37.8937	81.0399	PPNR	0.5 -	2.2	4.8	4.44 ++	0.46 +	9.69 ++	1050.	51.	2.
1887	0000	-873	37.8937	81.0405	PPNR	0.5 -	2.3 +	4.9	4.72 ++	0.47 +	10.06 ++	1077.	53.	2.

CP9 IP12

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-876	37.8937	81.0410	PPNR	0.5 -	2.1	5.4	4.72 ++	0.39 +	11.97 +++	1097.	53.	2.
1889	0000	-876	37.8937	81.0416	PPNR	0.4 -	1.8	5.5	4.13 ++	0.32	12.78 +++	1091.	55.	3.
1890	0000	-872	37.8937	81.0421	PPNR	0.5 -	1.7	5.5	3.58 ++	0.31	11.57 ++	1086.	53.	4.
1891	0000	-871	37.8937	81.0427	PPNR	0.4 -	1.6	5.5	3.71 ++	0.30	12.39 +++	1052.	51.	4.
1892	0000	-872	37.8938	81.0432	PPNR	0.4 -	1.6	5.2	3.77 ++	0.31	12.03 +++	1037.	52.	4.
1893	0000	-875	37.8938	81.0438	PPNR	0.5 -	1.4	4.9	2.99 +	0.29	10.42 ++	1006.	52.	4.
1894	0000	-878	37.8938	81.0443	PPNR	0.5 -	1.4	5.0	3.10 +	0.28	10.92 ++	991.	50.	4.
1895	0000	-877	37.8938	81.0449	PPNR	0.5 -	1.5	4.8	3.23 +	0.31	10.31 ++	962.	51.	4.
1896	0000	-875	37.8938	81.0453	PPNR	0.5 -	1.5	4.3 -	3.21 +	0.36	8.96 +	948.	50.	3.
1897	0000	-874	37.8938	81.0460	PPNR	0.5 -	1.5	4.1 -	3.28 +	0.37	8.77 +	936.	52.	3.
1898	0000	-874	37.8938	81.0464	PPNR	0.5 -	1.5	3.7 -	2.99 +	0.40 +	7.50	931.	52.	2.
1899	0000	-874	37.8938	81.0470	PPNR	0.5 -	1.5	3.8 -	3.04 +	0.39 +	7.86	913.	53.	2.
1900	0000	-876	37.8938	81.0475	PPNR	0.4 -	1.6	3.8 -	3.65 ++	0.43 +	8.48 +	887.	53.	1.
1901	0000	-876	37.8939	81.0481	PPNR	0.5 -	1.4	3.7 -	2.99 +	0.37	8.18 +	847.	55.	1.
1902	0000	-869	37.8939	81.0486	PPNR	0.5 -	1.2	3.5 -	2.51	0.33	7.50	832.	54.	2.
1903	0000	-867	37.8939	81.0492	PPNR	0.4 -	1.3	3.7 -	2.82 +	0.34	8.20 +	808.	53.	2.
1904	0000	-872	37.8939	81.0497	PPNR	0.4 -	0.9 -	3.8 -	2.40	0.25	9.03 ++	784.	54.	2.
1905	0000	-872	37.8939	81.0503	PPNR	0.4 -	0.9 -	3.9 -	2.43	0.24	10.06 ++	773.	55.	2.
1906	0000	-870	37.8939	81.0508	PPNR	0.4 -	1.0 -	3.6 -	2.48	0.29	8.57 +	788.	52.	3.
1907	0000	-872	37.8939	81.0514	PPNR	0.5 -	0.8 -	3.5 -	1.61	0.23	7.02	819.	53.	3.
1908	0000	-872	37.8939	81.0518	PPNR	0.5 -	0.9 -	3.6 -	1.81	0.26	6.87	866.	53.	3.
1909	0000	-869	37.8940	81.0525	PPNR	0.6 -	1.0 -	4.0 -	1.66	0.24	6.92	913.	53.	3.
1910	0000	-869	37.8940	81.0529	PPNR	0.6 -	0.9 -	4.3 -	1.49	0.21	6.97	979.	52.	3.
1911	0000	-873	37.8940	81.0535	PPNR	0.7	1.1 -	4.6	1.61	0.25	6.53	1056.	51.	3.
1912	0000	-877	37.8940	81.0540	PPNR	0.8	1.1 -	5.1	1.36	0.21	6.33	1134.	52.	3.
1913	0000	-873	37.8940	81.0546	PPP	0.8	1.3 -	5.5	1.49	0.23	6.55	1200.	53.	3.
1914	0000	-871	37.8940	81.0551	PPP	0.9	1.5	6.0	1.73	0.25	7.02	1236.	53.	3.
1915	0000	-879	37.8940	81.0557	PPP	0.9	1.4	6.2	1.53	0.22	6.91	1258.	54.	2.
1916	0000	-875	37.8940	81.0562	PPP	0.9	1.7	6.2	1.98	0.28	7.14	1287.	53.	1.
1917	0000	-867	37.8940	81.0568	PPP	0.9	1.8	6.3	1.98	0.29	6.91	1299.	54.	1.
1918	0000	-873	37.8941	81.0573	PPP	0.9	1.9	6.1	1.98	0.31	6.45	1306.	52.	2.
1919	0000	-874	37.8941	81.0579	PPP	0.9	2.1	6.1	2.46	0.35	7.07	1305.	50.	1.
1920	0000	-867	37.8941	81.0584	MBP	0.9	1.9	6.2	2.16	0.31	7.08	1282.	49.	1.
1921	0000	-870	37.8941	81.0590	MBP	0.8	2.1	6.0	2.48	0.35	7.15	1297.	48.	2.
1922	0000	-873	37.8942	81.0595	MBP	0.8	2.5 +	5.5	3.10	0.46 +	6.69 -	1315.	46.	3.
1923	0000	-868	37.8942	81.0600	MBP	0.8	2.5 +	5.8	3.08	0.43 +	7.18	1309.	45.	4.
1924	1000	-864	37.8942	81.0606	MH	0.8	2.3 +	5.9	2.91	0.38 +	7.60	1302.	45.	5.
1925	1000	-863	37.8942	81.0611	MH	0.8	2.2	6.1	2.86	0.36 +	8.02	1306.	45.	6.
1926	1000	-867	37.8942	81.0616	MH	0.9	1.6	6.4	1.78	0.25	7.02	1295.	46.	7.
1927	1000	-868	37.8942	81.0622	MH	0.8	1.6	5.8	1.93	0.28	6.97	1282.	46.	8.
1928	1000	-864	37.8942	81.0627	MH	0.9	1.5	5.6	1.70	0.27	6.28 -	1256.	46.	9.
1929	1000	-864	37.8942	81.0633	MH	0.8	1.1 -	6.0	1.28 -	0.18 -	7.19	1214.	47.	9.
1930	1000	-865	37.8942	81.0638	MH	0.8	0.9 -	5.7	1.05 -	0.15 -	6.88	1205.	45.	9.
1931	1000	-863	37.8942	81.0643	(WATER)	0.8	1.1	5.2	1.23	0.21	6.10	1206.	45.	9.
1932	1000	-859	37.8942	81.0648	(WATER)	0.8	1.0	5.1	1.25	0.20	6.18	1199.	45.	9.
1933	1000	-860	37.8942	81.0654	(WATER)	0.7	1.6	5.0	2.29	0.32	7.11	1200.	43.	8.
1934	0000	-865	37.8942	81.0660	(WATER)	0.7	1.6	5.5	2.26	0.29	7.76	1217.	45.	7.
1935	0000	-863	37.8941	81.0664	MH	0.7	1.5	6.1	2.05	0.24	8.55	1239.	45.	7.
1936	0000	-861	37.8941	81.0669	MH	0.8	1.6	6.2	2.01	0.26	7.72	1285.	45.	6.
1937	0000	-860	37.8941	81.0675	MH	0.9	1.7	6.5	1.94	0.26	7.51	1301.	47.	5.
1938	0000	-860	37.8941	81.0680	MBP	0.9	1.8	6.6	2.13	0.28	7.59	1323.	49.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-862	37.8941	81.0685		MBP	0.9	2.1	6.4	2.40	0.32	7.49	1331.	49.	2.
1940	0000	-857	37.8941	81.0691		MBP	1.0	1.8	6.3	1.86	0.28	6.61 -	1342.	52.	2.
1941	0000	-855	37.8941	81.0696		MBP	1.1 +	2.0	6.1	1.84	0.32	5.76 -	1363.	52.	1.
1942	0000	-861	37.8941	81.0702		MBP	1.0 +	2.0	5.9	1.97	0.35	5.66 -	1368.	53.	2.
1943	0000	-856	37.8940	81.0707		PPP	1.0	1.9	5.7	1.80	0.32	5.56	1350.	54.	1.
1944	0000	-854	37.8940	81.0712		PPP	1.0	1.9	5.3	1.94	0.37 +	5.25 -	1307.	54.	1.
1945	0000	-859	37.8940	81.0717		PPP	1.0	1.5	5.3	1.58	0.28	5.57	1236.	55.	1.
1946	0000	-853	37.8940	81.0722		PPP	0.9	1.5	4.8 -	1.70	0.32	5.31 -	1154.	56.	1.
1947	0000	-852	37.8940	81.0728		PPP	0.8	1.5	4.4 -	2.02	0.35	5.79	1062.	57.	1.
1948	0000	-853	37.8940	81.0733		PPP	0.6 -	1.3	4.0 -	2.16	0.32	6.69	958.	57.	1.
1949	0000	-851	37.8940	81.0738		PPP	0.5 -	1.2 -	3.9 -	2.24	0.31	7.33	860.	57.	0.
1950	0000	-857	37.8940	81.0744		PPP	0.4 --	1.2 -	3.5 -	2.66 +	0.34	7.91 +	781.	56.	0.
1951	0000	-856	37.8940	81.0749		PPP	0.4 --	1.0 -	3.2 --	2.63 +	0.31	8.55 +	734.	56.	1.
1952	0000	-850	37.8940	81.0754		PPP	0.3 ---	1.1 -	2.9 --	3.34 +	0.37 +	9.12 +	707.	55.	2.
1953	0000	-855	37.8940	81.0760		PPP	0.3 ---	0.8 -	3.2 --	2.83 +	0.25	11.13 ++	702.	54.	3.
1954	0000	-856	37.8940	81.0765		PPNR	0.3 --	0.8 -	3.4 -	2.96 +	0.25	11.95 +++	706.	54.	3.
1955	0000	-854	37.8940	81.0770		PPNR	0.3 --	0.9 -	3.4 -	3.04 +	0.25	12.06 +++	718.	52.	4.
1956	0000	-854	37.8940	81.0775		PPNR	0.3 --	0.8 -	3.3 -	2.57 +	0.23	11.14 ++	743.	53.	4.
1957	0000	-851	37.8940	81.0781		PPNR	0.3 --	0.7 -	3.4 -	2.45	0.21 -	11.82 +++	757.	53.	5.
1958	0000	-855	37.8940	81.0786		PPNR	0.3 --	0.8 -	3.7 -	2.54	0.21	11.95 +++	777.	55.	4.
1959	0000	-859	37.8939	81.0791		PPNR	0.3 -	0.9 -	3.9	2.62 +	0.23	11.39 ++	797.	55.	3.
1960	0000	-851	37.8939	81.0797		PPP	0.4 --	1.0 -	4.0 -	2.80 +	0.26	10.96 ++	802.	56.	2.
1961	0000	-849	37.8939	81.0802		PPP	0.4 --	1.0 -	4.2 -	2.47	0.24	10.43 ++	827.	56.	2.
1962	0000	-851	37.8939	81.0807		PPP	0.4 --	1.0 -	4.4 -	2.47	0.23	10.70 ++	834.	56.	2.
1963	0000	-852	37.8939	81.0812		PPP	0.4 --	1.2 -	4.4 -	2.93 +	0.27	10.81 ++	845.	55.	1.
1964	0000	-854	37.8939	81.0818		PPNR	0.4 -	1.4	4.6	3.26 +	0.30	10.80 ++	876.	55.	1.
1965	0000	-850	37.8939	81.0823		PPNR	0.4 -	1.5	4.7	3.78 ++	0.33	11.42 ++	910.	53.	1.
1966	0000	-846	37.8939	81.0828		PPNR	0.4 -	1.6	4.8	4.16 ++	0.34	12.34 +++	933.	54.	2.
1967	0000	-848	37.8939	81.0834		PPNR	0.4 -	1.5	4.7	3.41 +	0.31	11.02 ++	971.	53.	3.
1968	0000	-845	37.8939	81.0839		PPNR	0.4 -	1.5	4.7	3.27 +	0.31	10.54 ++	1005.	53.	3.
1969	0000	-845	37.8939	81.0844		PPNR	0.5 -	1.5	5.0	3.09 +	0.29	10.50 ++	1062.	54.	4.
1970	0000	-846	37.8939	81.0850		PPNR	0.5 -	1.6	5.3	3.05 +	0.30	10.12 ++	1122.	52.	5.
1971	0000	-844	37.8939	81.0855		PPNR	0.6 -	1.8	5.2	3.30 +	0.35	9.40 +	1172.	52.	6.
1972	0000	-846	37.8939	81.0860		PPNR	0.7	1.7	5.4	2.50	0.31	8.02 +	1214.	53.	7.
1973	0000	-846	37.8939	81.0865		PPNR	0.7	1.8	5.4	2.62 +	0.34	7.65	1260.	53.	6.
1974	0000	-844	37.8939	81.0871		PPNR	0.8	2.0	5.7	2.53	0.35	7.15	1299.	54.	5.
1975	0000	-844	37.8938	81.0876		PPNR	0.8	2.1	5.7	2.60 +	0.38 +	6.92	1323.	54.	5.
1976	0000	-839	37.8938	81.0881		PPNR	0.8	2.3 +	5.5	2.70 +	0.41 +	6.57	1324.	55.	4.
1977	0000	-837	37.8938	81.0887		PPNR	0.9	2.2	5.5	2.61 +	0.41 +	6.41	1297.	55.	3.
1978	0000	-843	37.8938	81.0892		PPNR	0.8	2.0	5.7	2.31	0.34	6.77	1274.	55.	2.
1979	0000	-841	37.8938	81.0897		PPNR	0.8	1.9	5.4	2.42	0.35	6.89	1238.	56.	1.
1980	0000	-834	37.8938	81.0903		PPNR	0.8	1.7	5.7	2.06	0.30	6.99	1233.	55.	0.
1981	0000	-834	37.8938	81.0908		PPNR	0.7	1.7	5.7	2.32	0.30	7.80	1223.	55.	0.
1982	0000	-837	37.8938	81.0913		PPNR	0.7	1.6	5.5	2.35	0.30	7.92	1209.	55.	0.
1983	0000	-838	37.8937	81.0918		PPNR	0.7	1.6	5.2	2.18	0.30	7.29	1201.	56.	1.
1984	0000	-842	37.8937	81.0924		PPNR	0.7	1.5	5.5	2.25	0.28	7.94 +	1206.	59.	1.
1985	0000	-842	37.8937	81.0929		PPNR	0.7	1.5	5.2	2.02	0.29	7.02	1197.	60.	2.
1986	0000	-838	37.8937	81.0934		PPNR	0.7	1.7	5.3	2.27	0.32	7.19	1218.	59.	3.
1987	0000	-837	37.8937	81.0940		PPNR	0.7	1.6	5.0	2.18	0.32	6.81	1185.	62.	5.
1988	0000	-838	37.8937	81.0945		PPNR	0.8	1.6	4.8	2.15	0.34	6.32	1172.	61.	6.
1989	0000	-840	37.8937	81.0950		PPNR	0.8	1.6	4.7	2.16	0.35	6.22	1187.	62.	7.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-837	37.8937	81.0956	PPNR	0.7	1.6	5.1	2.23	0.32	6.91	1191.	62.	7.
1991	0000	-833	37.8937	81.0961	PPNR	0.8	1.4	5.0	1.80	0.28	6.33	1200.	59.	8.
1992	0000	-837	37.8937	81.0966	PPNR	0.8	1.3	5.2	1.70	0.26	6.61	1197.	59.	8.
1993	0000	-837	37.8937	81.0971	PPNR	0.8	0.9 -	5.4	1.20 -	0.17 -	6.97	1177.	.	9.
1994	0000	-832	37.8937	81.0977	PPNR	0.8	1.0 -	5.4	1.29 -	0.18 -	7.18	1187.	59.	9.
1995	0000	-833	37.8937	81.0982	PPNR	0.7	0.9 -	5.2	1.27 -	0.18 -	7.03	1179.	60.	10.
1996	0000	-832	37.8937	81.0987	PPNR	0.8	0.8 -	5.2	1.06 -	0.16 -	6.59	1152.	59.	9.
1997	0000	-830	37.8937	81.0993	PPNR	0.8	0.7 -	5.0	0.96 -	0.15 --	6.54	1139.	57.	9.
1998	0000	-834	37.8937	81.0998	PPNR	0.7	1.1 -	4.6	1.50	0.24	6.24	1125.	60.	8.
1999	0000	-832	37.8936	81.1003	PPNR	0.7	1.3	4.4 -	1.87	0.30	6.30	1128.	59.	7.
2000	0000	-827	37.8936	81.1008	PPNR	0.7	1.7	3.9 -	2.53	0.44 +	5.78	1113.	58.	5.
2001	0000	-828	37.8936	81.1013	PPNR	0.7	1.7	3.7 -	2.61 +	0.48 +	5.49	1100.	58.	3.
2002	0000	-830	37.8936	81.1019	PPNR	0.7	1.6	3.9 -	2.45	0.42 +	5.87	1089.	57.	2.
2003	0000	-826	37.8936	81.1024	PPNR	0.6 -	1.8	3.9 -	3.05 +	0.47 +	6.51	1077.	58.	1.
2004	0000	-825	37.8936	81.1029	PPNR	0.7	1.9	4.3 -	2.94 +	0.44 +	6.67	1099.	57.	0.
2005	0000	-830	37.8936	81.1035	PPNR	0.7	1.8	4.7	2.66 +	0.37	7.15	1133.	54.	0.
2006	0000	-827	37.8936	81.1040	PPNR	0.7	1.8	4.7	2.61 +	0.39 +	6.67	1172.	54.	0.
2007	0000	-820	37.8936	81.1046	PPNR	0.8	2.0	5.2	2.37	0.38 +	6.32	1249.	53.	0.
2008	0000	-821	37.8936	81.1051	PPNR	0.9	2.2	5.9	2.44	0.38 +	6.39	1335.	53.	0.
2009	0000	-821	37.8936	81.1056	PPNR	1.0	2.4 +	6.1	2.37	0.40 +	5.90	1432.	53.	1.
2010	0000	-819	37.8936	81.1061	PPNR	1.2	2.3 +	6.6	1.99	0.35	5.74	1524.	50.	1.
2011	0000	-820	37.8936	81.1067	PPNR	1.2	2.3 +	6.4	1.95	0.36	5.35 -	1576.	49.	1.
2012	0000	-818	37.8936	81.1072	PPNR	1.2	2.4 +	6.4	1.92	0.37	5.24 -	1599.	50.	2.
2013	0000	-819	37.8936	81.1077	PPNR	1.2	2.2	6.7	1.81	0.33	5.50	1608.	51.	3.
2014	0000	-821	37.8936	81.1082	PPNR	1.2 +	2.0	6.6	1.57	0.30	5.33 -	1596.	50.	4.
2015	0000	-818	37.8935	81.1088	PPNR	1.3 +	1.6	6.4	1.27 -	0.25	5.06 -	1568.	51.	5.
2016	0000	-816	37.8935	81.1093	PPNR	1.2	1.6	6.6	1.27 -	0.24	5.32 -	1536.	51.	5.
2017	0000	-819	37.8935	81.1098	PPNR	1.2	1.7	6.1	1.41	0.29	4.91 -	1531.	52.	6.
2018	0000	-819	37.8935	81.1104	PPNR	1.2 +	1.8	5.9	1.47	0.31	4.75 -	1558.	53.	6.
2019	0000	-819	37.8935	81.1109	PPNR	1.3 +	2.0	6.1	1.53	0.32	4.73 -	1576.	54.	5.
2020	0000	-823	37.8935	81.1114	PPNR	1.4 +	1.8	6.5	1.28 -	0.27	4.66 -	1603.	53.	4.
2021	0000	-822	37.8935	81.1120	PPNR	1.4 +	1.7	7.0	1.28 -	0.25	5.19 -	1628.	53.	4.
2022	0000	-818	37.8935	81.1125	PPNR	1.3 +	2.2	7.2	1.63	0.30	5.40 -	1662.	53.	3.
2023	0000	-815	37.8934	81.1130	PPNR	1.4 +	2.1	7.5 +	1.57	0.29	5.49	1670.	52.	2.
2024	0000	-816	37.8934	81.1135	PPNR	1.3 +	2.1	7.5 +	1.61	0.28	5.82	1647.	50.	2.
2025	0000	-814	37.8934	81.1140	PPNR	1.2	1.9	7.7 +	1.60	0.25	6.43	1567.	48.	2.
2026	0000	-809	37.8934	81.1146	PPNR	1.1	1.8	7.4 +	1.66	0.25	6.68	1498.	49.	2.
2027	0000	-813	37.8934	81.1151	PPNR	0.9	2.0	6.9	2.16	0.29	7.35	1421.	50.	1.
2028	0000	-815	37.8935	81.1157	PPNR	0.9	2.0	6.1	2.34	0.32	7.21	1349.	51.	2.
2029	0000	-812	37.8935	81.1162	PPNR	0.8	1.6	6.1	2.09	0.27	7.81	1278.	49.	2.
2030	0000	-812	37.8934	81.1167	PPNR	0.7	1.5	5.5	2.22	0.28	8.04 +	1207.	49.	2.
2031	0000	-811	37.8934	81.1173	PPNR	0.6	1.5	5.3	2.28	0.28	8.23 +	1166.	49.	3.
2032	0000	-808	37.8934	81.1177	PPNR	0.7	1.4	5.2	2.04	0.27	7.65	1149.	54.	3.
2033	0000	-808	37.8934	81.1182	PPNR	0.7	1.1 -	5.5	1.55	0.20 -	7.90	1152.	53.	4.
2034	0000	-810	37.8934	81.1189	PPNR	0.7	1.1 -	5.3	1.46	0.20 -	7.16	1177.	52.	5.
2035	0000	-812	37.8934	81.1193	PPNR	0.8	1.2	5.4	1.58	0.23	6.90	1216.	52.	5.
2036	0000	-811	37.8934	81.1199	PPNR	0.8	1.4	5.4	1.72	0.26	6.58	1277.	53.	5.
2037	0000	-806	37.8934	81.1204	PPNR	0.8	1.5	5.6	1.83	0.28	6.64	1351.	54.	6.
2038	0000	-806	37.8934	81.1209	PPNR	0.9	1.6	5.9	1.83	0.27	6.81	1391.	56.	6.
2039	0000	-807	37.8933	81.1215	PPNR	0.9	1.5	5.9	1.72	0.26	6.58	1405.	56.	6.
2040	0000	-807	37.8933	81.1220	PPNR	0.9	1.6	5.8	1.77	0.28	6.37	1424.	57.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-810	37.8933	81.1226	PPNR	0.9	1.6	6.3	1.84	0.26	7.07	1416.	55.	5.
2042	0000	-811	37.8933	81.1230	PPNR	0.9	1.5	6.6	1.76	0.23	7.55	1393.	54.	4.
2043	0000	-808	37.8933	81.1236	PPNR	0.8	1.4	6.5	1.71	0.21 -	8.14 +	1338.	54.	4.
2044	0000	-804	37.8933	81.1241	PPNR	0.7	1.5	6.7	2.01	0.22	8.94 +	1293.	53.	3.
2045	0000	-802	37.8933	81.1246	PPNR	0.7	1.5	6.5	2.10	0.22	9.42 +	1265.	52.	2.
2046	0000	-802	37.8933	81.1251	PPNR	0.7	1.9	6.2	2.82 +	0.30	9.34 +	1254.	50.	1.
2047	0000	-801	37.8933	81.1257	PPNR	0.6	2.0	6.0	3.03 +	0.33	9.29 +	1241.	49.	0.
2048	0000	-798	37.8933	81.1262	PPNR	0.6	2.0	5.4	3.07 +	0.37	8.39 +	1233.	51.	0.
2049	0000	-798	37.8933	81.1268	PPNR	0.7	2.1	5.5	3.07 +	0.38 +	7.99 +	1246.	50.	0.
2050	0000	-801	37.8933	81.1272	PPNR	0.7	2.2	5.4	3.03 +	0.40 +	7.52	1242.	51.	0.
2051	0000	-802	37.8933	81.1278	PPNR	0.7	2.1	5.1	2.92 +	0.41 +	7.06	1232.	54.	0.
2052	0000	-800	37.8933	81.1284	PPNR	0.7	2.2	5.1	2.98 +	0.43 +	7.00	1224.	55.	0.
2053	0000	-801	37.8933	81.1288	PPNR	0.7	1.9	5.8	2.65 +	0.32	8.34 +	1219.	55.	1.
2054	0000	-801	37.8933	81.1294	PPNR	0.7	2.1	5.9	2.99 +	0.35	8.48 +	1226.	54.	1.
2055	0000	-798	37.8932	81.1299	PPNR	0.7	2.1	6.1	3.10 +	0.35	8.86 +	1233.	52.	1.
2056	0000	-798	37.8932	81.1304	PPNR	0.6 -	2.3	5.6	3.79 ++	0.40 +	9.37 +	1212.	55.	2.
2057	0000	-799	37.8932	81.1309	PPNR	0.6 -	2.1	6.0	3.50 +	0.35	10.04 ++	1221.	52.	2.
2058	0000	-799	37.8932	81.1315	PPNR	0.6 -	1.9	6.3	3.04 +	0.30	10.12 ++	1225.	52.	3.
2059	0000	-800	37.8932	81.1320	PPNR	0.7	1.7	6.4	2.57 +	0.26	9.71 ++	1228.	51.	4.
2060	0000	-799	37.8932	81.1326	PPNR	0.8	1.5	6.4	1.97	0.24	8.38 +	1241.	49.	4.
2061	0000	-800	37.8932	81.1331	PPNR	0.8	1.2	5.9	1.55	0.21 -	7.56	1219.	51.	5.
2062	0000	-802	37.8932	81.1337	PPNR	0.8	1.0 -	5.8	1.20 -	0.17 -	7.18	1202.	52.	6.
2063	0000	-801	37.8931	81.1342	PPNR	0.9	0.7 -	6.1	0.80 --	0.12 ---	6.92	1207.	50.	6.
2064	0000	-802	37.8931	81.1347	PPNR	0.9	0.7 -	5.6	0.80 --	0.13 --	6.21	1196.	53.	6.
2065	0000	-801	37.8931	81.1352	PPNR	0.9	0.8 -	5.3	0.86 --	0.14 --	6.01	1185.	53.	6.
2066	0000	-798	37.8931	81.1357	PPNR	0.9	0.7 -	5.2	0.77 --	0.13 --	6.04	1169.	54.	7.
2067	0000	-798	37.8931	81.1362	PPNR	0.8	0.9 -	4.8	1.16 -	0.20 -	5.91	1173.	54.	6.
2068	0000	-797	37.8931	81.1368	PPNR	0.8	1.0 -	5.3	1.30 -	0.20 -	6.63	1201.	54.	5.
2069	0000	-798	37.8931	81.1373	PPNR	0.8	1.1 -	5.3	1.42	0.22	6.52	1236.	55.	5.
2070	0000	-799	37.8931	81.1378	PPNR	0.8	1.1 -	5.3	1.34	0.21 -	6.36	1274.	56.	5.
2071	0000	-797	37.8931	81.1384	PPNR	0.9	1.2	5.8	1.36	0.21 -	6.60	1317.	56.	4.
2072	0000	-796	37.8931	81.1389	PPNR	0.9	1.4	5.9	1.53	0.23	6.51	1343.	54.	4.
2073	0000	-797	37.8931	81.1394	PPNR	0.9	1.7	6.1	1.93	0.28	6.92	1360.	54.	2.
2074	0000	-796	37.8931	81.1399	PPNR	0.9	1.8	6.3	1.96	0.29	6.75	1363.	54.	2.
2075	0000	-797	37.8931	81.1405	PPNR	0.9	1.7	6.4	1.91	0.27	7.01	1343.	54.	2.
2076	0000	-795	37.8931	81.1410	PPNR	0.9	1.7	6.8	1.83	0.24	7.52	1325.	51.	1.
2077	0000	-798	37.8931	81.1415	PPNR	0.9	1.8	6.8	2.12	0.27	7.78	1292.	52.	2.
2078	0000	-801	37.8931	81.1421	PPNR	0.9	2.2	6.6	2.45	0.33	7.48	1306.	49.	2.
2079	0000	-797	37.8930	81.1426	PPNR	0.9	2.0	6.8	2.23	0.30	7.41	1319.	52.	3.
2080	0000	-794	37.8930	81.1431	PPNR	1.0	1.8	6.7	1.84	0.27	6.85	1348.	49.	4.
2081	0000	-797	37.8930	81.1437	PPNR	0.9	1.8	6.6	1.93	0.26	7.27	1346.	48.	4.
2082	0000	-798	37.8930	81.1442	PPNR	0.9	1.6	6.1	1.82	0.27	6.79	1325.	50.	5.
2083	0000	-797	37.8930	81.1447	PPNR	0.9	1.6	5.6	1.79	0.28	6.38	1294.	52.	7.
2084	0000	-796	37.8930	81.1452	PPNR	0.9	1.4	5.4	1.69	0.27	6.28	1260.	51.	6.
2085	0000	-796	37.8930	81.1458	PPNR	0.7	1.2	4.9	1.70	0.25	6.74	1182.	51.	7.
2086	0000	-795	37.8930	81.1463	PPNR	0.6	1.0 -	4.7	1.52	0.21 -	7.37	1148.	50.	8.
2087	0000	-798	37.8930	81.1468	PPNR	0.6 -	0.9 -	4.8	1.46	0.19 -	7.72	1121.	52.	8.
2088	0000	-798	37.8930	81.1474	PPNR	0.7	0.9 -	5.0	1.36	0.18 -	7.71	1152.	52.	9.
2089	0000	-794	37.8930	81.1479	PPNR	0.7	1.1 -	5.5	1.47	0.20 -	7.49	1223.	50.	9.
2090	0000	-793	37.8930	81.1484	PPNR	0.8	1.2 -	5.9	1.46	0.20 -	7.42	1284.	48.	8.
2091	0000	-798	37.8930	81.1490	PPNR	0.8	1.1 -	6.1	1.40	0.19 -	7.44	1315.	50.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-797	37.8930	81.1495	PPNR	0.9	1.0 -	6.3	1.07 -	0.15 --	7.03	1354.	51.	7.
2093	0000	-794	37.8930	81.1500	PPNR	1.0	1.2	6.4	1.23 -	0.19 -	6.58	1363.	52.	6.
2094	0000	-796	37.8930	81.1505	PPNR	1.0	1.3	6.1	1.38	0.22	6.40	1361.	53.	5.
2095	0000	-797	37.8929	81.1511	PPNR	1.0	1.2	6.0	1.30 -	0.21 -	6.34	1324.	55.	5.
2096	0000	-794	37.8929	81.1516	PPNR	0.9	1.3	5.9	1.41	0.21	6.61	1287.	54.	4.
2097	0000	-794	37.8929	81.1521	PPNR	0.8	1.4	5.5	1.72	0.26	6.59	1261.	54.	3.
2098	0000	-797	37.8929	81.1527	PPNR	0.9	1.3	5.9	1.55	0.23	6.82	1263.	52.	3.
2099	0000	-797	37.8929	81.1532	PPNR	0.9	1.5	6.1	1.71	0.24	7.06	1258.	51.	3.
2100	0000	-796	37.8929	81.1537	PPNR	0.9	1.5	6.0	1.73	0.25	6.87	1262.	49.	2.
2101	0000	-794	37.8929	81.1543	PPNR	0.8	1.7	6.0	1.96	0.27	7.15	1268.	49.	1.
2102	0000	-792	37.8929	81.1548	PPNR	0.8	1.8	6.1	2.20	0.30	7.34	1310.	47.	1.
2103	0000	-794	37.8928	81.1553	PPNR	0.8	2.1	5.8	2.48	0.36	6.86	1313.	47.	1.
2104	0000	-794	37.8928	81.1558	PPNR	0.9	2.0	6.0	2.34	0.34	6.96	1311.	49.	0.
2105	0000	-791	37.8928	81.1564	PPNR	0.9	2.1	5.6	2.45	0.38 +	6.53	1318.	50.	0.
2106	0000	-792	37.8928	81.1569	PPNR	0.9	2.0	5.7	2.22	0.35	6.39	1321.	50.	0.
2107	0000	-793	37.8928	81.1574	PPNR	0.9	2.0	5.4	2.27	0.37	6.19	1324.	51.	0.
2108	0000	-791	37.8928	81.1580	PPNR	0.9	2.0	5.4	2.21	0.36	6.16	1321.	50.	1.
2109	0000	-791	37.8928	81.1585	PPNR	0.9	2.1	5.1	2.36	0.41 +	5.80	1292.	52.	1.
2110	0000	-793	37.8928	81.1590	PPNR	0.8	2.0	5.3	2.35	0.37 +	6.28	1290.	51.	1.
2111	0000	-791	37.8928	81.1595	PPNR	0.8	1.9	5.3	2.28	0.35	6.51	1278.	51.	2.
2112	0000	-789	37.8928	81.1601	PPNR	0.8	1.9	5.5	2.45	0.34	7.18	1257.	49.	3.
2113	0000	-789	37.8928	81.1606	PPNR	0.7	2.0	5.4	2.84 +	0.37	7.70	1239.	50.	4.
2114	0000	-785	37.8928	81.1612	PPNR	0.7	2.0	5.5	2.92 +	0.36	8.18 +	1237.	49.	5.
2115	0000	-783	37.8928	81.1618	PPNR	0.7	1.9	5.6	2.81 +	0.34	8.16 +	1248.	48.	6.
2116	0000	-786	37.8928	81.1624	PPNR	0.7	1.7	6.0	2.47	0.28	8.68 +	1261.	47.	7.
2117	0000	-785	37.8928	81.1630	PPNR	0.7	1.5	6.3	2.11	0.24	8.69 +	1272.	48.	7.
2118	0000	-772	37.8928	81.1635	PPNR	0.8	1.6	5.9	2.15	0.28	7.73	1287.	48.	7.
2119	0000	-753	37.8928	81.1642	PPNR	0.8	1.7	5.6	2.18	0.30	7.17	1309.	48.	7.
2120	0000	-744	37.8928	81.1647	PPNR	0.8	1.8	5.5	2.14	0.32	6.62	1340.	48.	7.
2121	0000	-758	37.8928	81.1653	PPNR	0.8	1.9	5.7	2.24	0.33	6.82	1343.	49.	5.
2122	0000	-773	37.8928	81.1659	PPNR	0.9	1.9	5.5	2.13	0.34	6.24	1358.	51.	5.
2123	0000	-775	37.8928	81.1664	PPNR	0.9	2.0	5.1	2.18	0.39 +	5.64	1359.	51.	4.
2124	0000	-779	37.8928	81.1670	PPNR	0.9	2.0	4.8	2.17	0.42 +	5.21 -	1353.	52.	4.
2125	0000	-789	37.8928	81.1676	PPNR	0.9	2.1	5.3	2.30	0.39 +	5.85	1374.	50.	3.
2126	0000	-797	37.8928	81.1681	PPNR	1.0	2.1	5.5	2.18	0.39 +	5.65	1393.	51.	3.
2127	0000	-799	37.8928	81.1687	PPNR	1.0	2.1	5.5	2.13	0.38 +	5.53	1415.	52.	2.
2128	0000	-799	37.8928	81.1693	PPNR	1.0	2.3 +	5.6	2.25	0.42 +	5.35 -	1464.	49.	3.
2129	0000	-799	37.8928	81.1699	PPNR	1.0	2.5 +	5.6	2.43	0.45 +	5.46	1490.	48.	2.
2130	0000	-798	37.8928	81.1704	PPNR	1.0	2.5 +	5.7	2.43	0.43 +	5.62	1487.	50.	3.
2131	0000	-798	37.8928	81.1710	PPNR	1.0	2.6 +	6.0	2.70 +	0.43 +	6.25	1491.	48.	2.
2132	0000	-800	37.8928	81.1716	PPNR	1.0	2.6 +	5.8	2.69 +	0.45 +	5.93	1470.	50.	1.
2133	0000	-798	37.8928	81.1722	PPNR	1.0	2.6 +	5.7	2.70 +	0.45 +	5.96	1455.	50.	1.
2134	0000	-797	37.8928	81.1728	PPNR	0.9	2.6 +	5.7	2.97 +	0.45 +	6.55	1403.	50.	1.
2135	0000	-799	37.8928	81.1733	PPNR	0.8	2.4 +	5.6	2.86 +	0.42 +	6.82	1342.	52.	1.
2136	0000	-800	37.8928	81.1739	PPNR	0.8	2.1	5.7	2.70 +	0.38 +	7.20	1286.	54.	1.
2137	0000	-800	37.8928	81.1745	PPNR	0.8	2.2	6.0	2.73 +	0.37	7.64	1274.	54.	1.
2138	0000	-798	37.8928	81.1751	PPNR	0.8	2.1	5.8	2.50	0.36	6.97	1275.	55.	2.
2139	0000	-798	37.8928	81.1757	PPNR	0.8	2.1	6.1	2.57 +	0.34	7.52	1291.	53.	3.
2140	0000	-802	37.8928	81.1762	PPNR	0.8	2.1	6.1	2.69 +	0.35	7.71	1286.	52.	3.
2141	0000	-802	37.8928	81.1768	PPNR	0.8	2.1	6.1	2.58 +	0.34	7.51	1310.	52.	4.
2142	0000	-802	37.8928	81.1773	PPNR	0.8	2.2	6.0	2.84 +	0.37	7.65	1309.	52.	5.

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FLIGHT LINE 40, DAY 292

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2143	0000	-804	37.8928	81.1779	PPNR	0.8	2.1	5.9	2.75 +	0.36	7.64	1286.	52.	6.
2144	0000	-802	37.8928	81.1785	PPNR	0.8	1.9	5.5	2.42	0.35	7.00	1263.	51.	8.
2145	0000	-799	37.8928	81.1790	PPNR	0.7	1.9	5.4	2.61 +	0.35	7.36	1233.	52.	7.
2146	0000	-795	37.8928	81.1797	PPNR	0.7	1.8	5.0	2.53	0.35	7.15	1196.	54.	8.
2147	0000	-793	37.8928	81.1802	PPNR	0.7	1.6	4.8	2.26	0.32	7.00	1169.	55.	10.
2148	0000	-792	37.8928	81.1808	PPNR	0.7	1.5	4.4 -	2.09	0.35	5.99	1156.	52.	11.
2149	0000	-790	37.8928	81.1814	PPNR	0.8	1.0 -	4.4 -	1.18 -	0.22	5.30 -	1172.	53.	12.
2150	0000	-790	37.8928	81.1820	PPNR	0.9	1.0 -	4.7	1.11 -	0.21 -	5.35 -	1210.	50.	12.
2151	0000	-790	37.8928	81.1825	PPNR	0.9	1.0 -	5.3	1.17 -	0.20 -	5.93	1257.	49.	12.
2152	0000	-789	37.8928	81.1831	PPNR	0.9	1.0 -	5.3	1.09 -	0.19 -	5.69	1299.	49.	13.
2153	0000	-793	37.8928	81.1837	PPNR	1.0	1.0 -	5.8	1.03 -	0.17 -	5.92	1352.	49.	12.
2154	0000	-796	37.8928	81.1843	PPNR	1.0	1.2	6.2	1.25 -	0.20 -	6.31	1403.	49.	10.
2155	0000	-795	37.8928	81.1849	PPNR	1.0	1.4	6.7	1.40	0.21 -	6.68	1451.	50.	8.
2156	0000	-794	37.8928	81.1854	PPNR	1.0	1.8	6.9	1.79	0.26	6.92	1493.	50.	6.
2157	0000	-795	37.8928	81.1859	PPNR	1.1	2.0	7.2	1.80	0.27	6.58	1564.	54.	4.
2158	0000	-796	37.8928	81.1866	PPNR	1.1	2.2	6.9	1.97	0.32	6.10	1627.	56.	3.
2159	0000	-797	37.8928	81.1871	PPNR	1.2	2.5 +	7.4 +	2.06	0.33	6.18	1684.	57.	2.
2160	0000	-796	37.8928	81.1877	PPNR	1.3 +	2.3 +	7.4 +	1.83	0.32	5.77	1688.	56.	2.
2161	0000	-796	37.8928	81.1883	PPNR	1.3 +	2.3 +	7.3	1.76	0.32	5.54	1674.	56.	3.
2162	0000	-795	37.8928	81.1888	PPNR	1.3 +	2.0	7.3	1.54	0.28	5.57	1651.	55.	5.
2163	0000	-793	37.8928	81.1894	PPNR	1.3 +	1.8	7.3	1.41	0.25	5.74	1621.	55.	6.
2164	0000	-791	37.8928	81.1900	PPNR	1.2	1.7	6.7	1.42	0.25	5.68	1559.	55.	8.
2165	0000	-791	37.8928	81.1906	PPNR	1.1	1.2	6.7	1.07 -	0.18 -	5.84	1465.	54.	10.
2166	0000	-792	37.8928	81.1912	PPNR	1.1	0.9 -	6.0	0.79 --	0.14 --	5.58	1359.	52.	10.
2167	0000	-791	37.8928	81.1917	PPNR	1.0	0.9 -	5.8	0.92 --	0.16 --	5.94	1294.	50.	10.
2168	0000	-792	37.8928	81.1923	PPNR	0.9	0.9 -	5.4	1.04 -	0.17 -	5.93	1249.	50.	10.
2169	0000	-792	37.8928	81.1929	PPNR	0.9	1.1 -	5.3	1.23 -	0.20 -	6.11	1216.	50.	9.
2170	0000	-790	37.8928	81.1935	PPNR	0.8	1.3	5.2	1.61	0.25	6.45	1194.	49.	8.
2171	0000	-791	37.8928	81.1940	PPNR	0.8	1.3	5.3	1.54	0.24	6.42	1207.	47.	7.
2172	0000	-793	37.8928	81.1946	PPNR	0.8	1.5	5.3	1.88	0.28	6.79	1222.	47.	7.
2173	0000	-789	37.8928	81.1952	PPNR	0.7	1.5	5.3	2.07	0.29	7.12	1259.	47.	6.
2174	0000	-789	37.8928	81.1957	PPNR	0.8	1.7	5.3	2.15	0.31	6.92	1285.	49.	7.
2175	0000	-791	37.8928	81.1963	PPNR	0.8	1.6	5.5	2.01	0.29	6.88	1316.	51.	6.
2176	0000	-788	37.8928	81.1969	PPNR	0.9	1.6	5.8	1.88	0.28	6.74	1349.	51.	5.
2177	0000	-787	37.8928	81.1975	PPNR	0.9	1.4	6.3	1.52	0.22	6.89	1374.	51.	5.
2178	0000	-787	37.8928	81.1981	PPNR	0.9	1.6	6.4	1.70	0.24	6.96	1375.	50.	4.
2179	0000	-786	37.8928	81.1986	PPNR	0.9	1.6	6.6	1.70	0.24	7.15	1366.	52.	4.
2180	0000	-788	37.8928	81.1992	PPNR	0.9	1.8	6.6	1.95	0.27	7.15	1357.	52.	2.
2181	0000	-787	37.8928	81.1998	PPNR	1.0	1.9	6.6	1.97	0.29	6.84	1368.	53.	2.
2182	0000	-785	37.8928	81.2004	PPNR	1.0	2.0	6.8	1.97	0.29	6.84	1330.	52.	2.
2183	0000	-786	37.8928	81.2010	PPNR	1.0	2.0	6.5	2.07	0.30	6.80	1345.	53.	2.
2184	0000	-786	37.8928	81.2015	PPNR	0.9	2.1	5.9	2.29	0.35	6.49	1304.	52.	0.
2185	0000	-783	37.8928	81.2021	PPNR	0.8	2.0	5.6	2.50	0.37	6.83	1243.	51.	2.
2186	0000	-785	37.8928	81.2026	PPNR	0.8	1.9	4.8	2.39	0.39 +	6.07	1213.	52.	3.
2187	0000	-784	37.8928	81.2032	PPNR	0.8	1.8	4.9	2.29	0.37	6.20	1194.	53.	4.
2188	0000	-780	37.8927	81.2038	PPNR	0.8	1.8	4.9	2.37	0.37	6.36	1182.	51.	5.
2189	0000	-781	37.8927	81.2044	PPNR	0.8	1.8	4.9	2.38	0.37	6.44	1183.	51.	5.
2190	0000	-780	37.8927	81.2050	PPNR	0.8	1.9	5.1	2.52	0.38 +	6.68	1229.	50.	6.
2191	0000	-777	37.8927	81.2055	PPNR	0.8	1.8	5.1	2.06	0.34	6.02	1248.	53.	6.
2192	0000	-776	37.8927	81.2061	PPNR	0.9	1.9	5.3	2.04	0.35	5.84	1291.	55.	6.
2193	0000	-777	37.8927	81.2067	PPNR	0.9	1.9	5.6	2.05	0.35	5.91	1333.	52.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-777	37.8927	81.2072	PPNR	1.0	1.8	5.7	1.89	0.32	5.83	1359.	51.	5.
2195	0000	-774	37.8928	81.2079	PPNR	1.0	1.7	6.0	1.65	0.28	5.87	1373.	52.	4.
2196	0000	-773	37.8928	81.2084	PPNR	1.0	1.6	6.0	1.58	0.27	5.83	1371.	51.	3.
2197	0000	-773	37.8927	81.2090	PPNR	1.1	1.5	6.1	1.40	0.24	5.79	1375.	49.	3.
2198	0000	-772	37.8927	81.2096	PPNR	1.0	1.6	6.2	1.60	0.27	5.96	1398.	49.	2.
2199	0000	-770	37.8927	81.2102	PPNR	1.0	1.4	6.2	1.40	0.23	6.07	1396.	51.	2.
2200	0000	-772	37.8927	81.2107	PPNR	1.0	1.5	5.9	1.55	0.25	6.17	1373.	55.	3.
2201	0000	-772	37.8927	81.2112	PPNR	1.0	1.6	5.9	1.60	0.26	6.05	1357.	53.	4.
2202	0000	-772	37.8928	81.2119	PPNR	0.9	1.7	5.7	1.81	0.30	6.10	1355.	52.	4.
2203	0000	-770	37.8928	81.2124	PPNR	0.9	1.4	5.7	1.57	0.24	6.46	1330.	56.	6.
2204	0000	-770	37.8928	81.2130	PPNR	0.8	1.4	5.4	1.77	0.26	6.72	1293.	59.	7.
2205	0000	-768	37.8928	81.2136	PPNR	0.8	1.1 -	5.6	1.39	0.20 -	6.95	1274.	58.	8.
2206	0000	-766	37.8928	81.2141	PPNR	0.8	1.3	5.8	1.62	0.22	7.27	1276.	58.	8.
2207	0000	-765	37.8928	81.2147	PPNR	0.8	1.3	6.0	1.57	0.22	7.15	1309.	56.	8.
2208	0000	-763	37.8928	81.2153	PPNR	0.8	1.1 -	6.4	1.34	0.18 -	7.56	1338.	56.	8.
2209	0000	-764	37.8928	81.2159	PPNR	0.8	1.2	6.3	1.42	0.19 -	7.57	1349.	56.	8.
2210	0000	-763	37.8928	81.2165	PPNR	0.8	1.5	6.1	1.79	0.25	7.22	1382.	53.	8.
2211	0000	-762	37.8928	81.2170	PPNR	0.8	1.6	6.0	1.89	0.26	7.16	1387.	51.	8.
2212	0000	-761	37.8928	81.2176	PPNR	0.8	2.0	5.4	2.46	0.37	6.73	1380.	51.	8.
2213	0000	-760	37.8928	81.2182	PPNR	0.8	1.7	5.2	2.10	0.33	6.42	1380.	50.	9.
2214	0000	-759	37.8928	81.2188	PPNR	0.9	1.6	5.4	1.84	0.29	6.26	1393.	50.	9.
2215	0000	-758	37.8928	81.2194	PPNR	0.9	1.6	5.5	1.79	0.28	5.34	1418.	50.	11.
2216	0000	-754	37.8928	81.2199	PPK	0.9	1.4	5.7	1.52	0.24	6.36 +	1432.	53.	12.
2217	0000	-753	37.8928	81.2205	PPK	0.9	1.3	6.0	1.34	0.21	6.39 +	1430.	53.	12.
2218	0000	-752	37.8928	81.2210	PPK	1.0	1.2	6.0	1.15	0.20	5.82	1438.	54.	12.
2219	0000	-749	37.8928	81.2216	PPK	1.0	1.0 -	6.5	0.98 -	0.16 -	6.21	1428.	53.	11.
2220	0000	-749	37.8928	81.2222	PPK	1.0	1.1 -	6.2	1.03	0.17 -	6.07	1383.	55.	11.
2221	0000	-749	37.8928	81.2228	PPK	1.0	1.1	5.8	1.12	0.19	5.93	1325.	54.	9.
2222	0000	-747	37.8928	81.2234	PPK	1.0	1.2	5.4	1.23	0.22	5.66	1281.	54.	8.
2223	0000	-748	37.8928	81.2239	PPK	0.9	1.3	5.1	1.33	0.24	5.45	1258.	52.	6.
2224	0000	-748	37.8928	81.2245	PPK	1.0	1.5	4.8	1.54	0.31	4.95	1273.	55.	5.
2225	0000	-744	37.8928	81.2251	PPK	1.0	1.4	5.1	1.41	0.27	5.16	1301.	54.	5.
2226	0000	-744	37.8928	81.2257	PPK	1.0	1.6	5.0	1.60	0.32	4.94	1368.	55.	4.
2227	0000	-745	37.8928	81.2263	PPK	1.1	1.8	5.9	1.66	0.31	5.33	1440.	54.	3.
2228	0000	-742	37.8928	81.2268	PPK	1.1	1.9	6.4	1.68	0.30	5.66	1514.	53.	3.
2229	0000	-740	37.8928	81.2274	PPK	1.2	2.0	7.0	1.75	0.29	6.07	1571.	53.	4.
2230	0000	-738	37.8928	81.2280	PPK	1.2	2.3 +	6.8	1.89	0.33	5.66	1611.	54.	5.
2231	0000	-737	37.8928	81.2285	PPK	1.2	2.0	7.5	1.67	0.26	6.36 +	1640.	50.	5.
2232	0000	-738	37.8928	81.2290	PPK	1.1	2.1	7.5	1.83	0.28	6.59 +	1636.	51.	5.
2233	0000	-737	37.8928	81.2297	PPK	1.1	1.9	7.5	1.72	0.25	6.87 +	1600.	52.	6.
2234	0000	-735	37.8928	81.2303	PPK	1.1	1.9	6.8	1.73	0.28	6.22 +	1568.	52.	7.
2235	0000	-735	37.8928	81.2308	PPK	1.1	1.9	6.9	1.78	0.27	6.51 +	1546.	52.	7.
2236	0000	-734	37.8928	81.2314	PPK	1.1	1.6	6.3	1.49	0.25	5.92	1528.	53.	7.
2237	0000	-730	37.8928	81.2320	PPK	1.1	1.3	6.7	1.23	0.20	6.18	1524.	54.	8.
2238	0000	-729	37.8928	81.2325	PPK	1.2	1.5	6.8	1.29	0.22	5.73	1561.	54.	7.
2239	0000	-730	37.8928	81.2332	PPK	1.3	1.6	6.9	1.24	0.23	5.44	1630.	53.	8.
2240	0000	-730	37.8928	81.2337	PPK	1.3	1.7	7.1	1.30	0.24	5.33	1669.	51.	8.
2241	0000	-728	37.8928	81.2343	PPK	1.4	1.6	7.6 +	1.21	0.22	5.57	1722.	51.	7.
2242	0000	-724	37.8928	81.2349	PPK	1.4	1.6	7.3	1.18	0.22	5.38	1732.	54.	8.
2243	0000	-723	37.8928	81.2355	PPK	1.3	1.8	7.1	1.35	0.26	5.28	1713.	56.	6.
2244	0000	-724	37.8928	81.2361	PPK	1.3	2.0	7.0	1.56	0.28	5.52	1690.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-720	37.8928	81.2366	PPK	1.2	2.0	6.3	1.67	0.32	5.28	1612.	58.	5.
2246	0000	-719	37.8928	81.2372	PPK	1.2	1.9	6.1	1.62	0.31	5.17	1540.	59.	4.
2247	0000	-722	37.8927	81.2377	PPK	1.2	1.9	5.7	1.65	0.34	4.87	1523.	62.	5.
2248	0000	-719	37.8927	81.2383	PPK	1.2	1.7	6.2	1.39	0.27	5.05	1538.	61.	5.
2249	0000	-717	37.8927	81.2389	PPK	1.3	1.3	6.9	0.99 -	0.19	5.13	1594.	59.	6.
2250	0000	-716	37.8927	81.2394	PPK	1.5 +	1.1	7.3	0.74 -	0.15 -	5.01	1662.	57.	7.
2251	0000	-714	37.8928	81.2401	PPK	1.6 +	0.7 --	7.8 +	0.46 ---	0.09 --	5.04	1717.	57.	9.
2252	0000	-714	37.8928	81.2406	PPK	1.6 +	0.5 --	8.7 +	0.34 ---	0.06 --	5.45	1774.	55.	11.
2253	0000	-713	37.8928	81.2412	PPK	1.6 +	0.5 --	8.6 +	0.33 ---	0.06 --	5.44	1792.	55.	11.
2254	0010	-710	37.8927	81.2418	PPK	1.6 +	0.3 N.A.	8.7 +	0.20 N.A.	0.04 N.A.	5.45	1797.	55.	12.
2255	0000	-709	37.8927	81.2423	PPK	1.5 +	0.6 --	8.4 +	0.37 ---	0.07 --	5.53	1782.	54.	12.
2256	0000	-706	37.8927	81.2429	PPK	1.5 +	1.1 -	8.0 +	0.72 -	0.13 -	5.42	1745.	55.	11.
2257	0000	-704	37.8927	81.2435	PPK	1.3	1.4	8.0 +	1.06	0.18 -	5.98	1727.	54.	10.
2258	0000	-702	37.8927	81.2441	PPK	1.4	1.8	7.6 +	1.33	0.24	5.60	1726.	55.	8.
2259	0000	-699	37.8927	81.2447	PPK	1.4	2.0	7.3	1.41	0.27	5.28	1727.	54.	6.
2260	0000	-699	37.8927	81.2452	PPK	1.4	2.2 +	7.5	1.58	0.29	5.43	1724.	56.	5.
2261	0000	-698	37.8927	81.2458	PPK	1.4	2.4 +	7.8 +	1.72	0.31	5.58	1729.	55.	3.
2262	0000	-694	37.8927	81.2463	PPK	1.4	2.5 +	7.7 +	1.79	0.32	5.55	1720.	55.	2.
2263	0000	-691	37.8927	81.2469	PPK	1.4	2.3 +	7.9 +	1.65	0.29	5.60	1721.	54.	1.
2264	0000	-689	37.8927	81.2475	PPK	1.5 +	2.4 +	7.7 +	1.60	0.31	5.19	1721.	54.	1.
2265	0000	-689	37.8927	81.2481	PPK	1.4 +	2.4 +	7.6 +	1.69	0.32	5.29	1688.	53.	0.
2266	0000	-691	37.8927	81.2487	PPK	1.4	2.5 +	7.4	1.80	0.34	5.36	1664.	52.	0.
2267	0000	-687	37.8927	81.2492	PPK	1.3	2.4 +	7.7 +	1.85	0.32	5.82	1673.	48.	0.
2268	0000	-682	37.8927	81.2498	PPK	1.3	2.5 +	7.7 +	1.95 +	0.33	5.99	1672.	46.	0.
2269	0000	-681	37.8927	81.2504	PPK	1.3	2.4 +	7.6 +	1.84	0.31	5.90	1656.	47.	0.
2270	0000	-679	37.8927	81.2510	PPK	1.2	2.4 +	7.4	1.97 +	0.33	6.02	1636.	46.	1.
2271	0000	-677	37.8927	81.2516	PPK	1.1	2.4 +	7.3	2.20 +	0.33	6.57 +	1584.	45.	1.
2272	0000	-674	37.8927	81.2521	PPK	1.0	2.3 +	6.9	2.29 +	0.34	6.72 +	1554.	46.	1.
2273	0000	-672	37.8927	81.2527	PPK	1.0	2.3 +	6.9	2.40 +	0.34	7.08 +	1520.	48.	2.
2274	0000	-670	37.8927	81.2533	PPK	0.9	2.4 +	6.3	2.50 +	0.38 +	6.61 +	1481.	50.	2.
2275	0000	-667	37.8927	81.2539	PPK	0.9	2.1	6.2	2.34 +	0.34	6.93 +	1435.	52.	3.
2276	0000	-666	37.8927	81.2543	PPK	0.8 -	2.2 +	5.8	2.73 ++	0.37 +	7.28 ++	1378.	54.	3.
2277	0000	-665	37.8927	81.2550	PPK	0.7 -	2.1	5.3	2.86 ++	0.40 +	7.12 +	1340.	55.	3.
2278	0000	-662	37.8927	81.2556	PPK	0.8 -	2.0	5.3	2.67 +	0.38 +	7.10 +	1328.	56.	3.
2279	0000	-658	37.8927	81.2561	PPK	0.8 -	2.0	5.5	2.62 +	0.37 +	7.06 +	1309.	54.	2.
2280	0000	-657	37.8927	81.2567	PPK	0.7 -	1.9	5.3	2.62 +	0.36 +	7.21 ++	1267.	53.	3.
2281	0000	-656	37.8927	81.2573	PPK	0.7 -	1.6	5.4	2.24 +	0.30	7.37 ++	1223.	53.	3.
2282	0000	-654	37.8927	81.2579	PPK	0.7 -	1.7	5.1	2.35 +	0.34	7.00 +	1188.	52.	3.
2283	0000	-654	37.8927	81.2584	PPK	0.8 -	1.8	4.9	2.34 +	0.37 +	6.29 +	1192.	50.	3.
2284	0000	-651	37.8927	81.2590	PPK	0.8 -	1.8	5.0	2.19 +	0.36 +	6.07	1204.	51.	4.
2285	0000	-646	37.8927	81.2596	PPK	0.8	1.9	5.0	2.24 +	0.38 +	5.87	1207.	49.	5.
2286	0000	-647	37.8927	81.2601	PPK	0.8	1.7	5.7	2.02 +	0.30	6.72 +	1211.	50.	5.
2287	0000	-645	37.8927	81.2607	PPK	0.9	1.8	5.5	2.03 +	0.32	6.35 +	1231.	52.	7.
2288	0000	-641	37.8927	81.2614	PPK	0.9	1.7	5.7	1.99 +	0.30	6.57 +	1264.	50.	8.
2289	0000	-638	37.8927	81.2619	PPK	0.9	1.7	6.0	1.94 +	0.28	6.81 +	1305.	50.	9.
2290	0000	-635	37.8927	81.2625	PPK	0.8 -	1.6	6.4	1.90	0.25	7.59 ++	1324.	49.	9.
2291	0000	-633	37.8927	81.2630	PPNR	0.8	1.5	6.6	1.95	0.24	8.23 +	1321.	47.	9.
2292	0000	-629	37.8927	81.2636	PPNR	0.8	1.6	6.7	2.00	0.24	8.45 +	1311.	46.	8.
2293	0000	-625	37.8927	81.2641	PPNR	0.7	1.4	6.0	1.96	0.24	8.17 +	1277.	46.	9.
2294	0000	-623	37.8927	81.2646	PPNR	0.7	1.3	6.2	1.91	0.21 -	9.05 +	1248.	43.	8.
2295	0000	-622	37.8926	81.2651	PPNR	0.7	1.4	5.9	2.15	0.24	9.05 +	1204.	43.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	L / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-620	37.8926	81.2656		PPNR	0.6	1.2	5.8	1.95	0.21	9.13 +	1179.	44.	8.
2297	0000	-619	37.8925	81.2661		PPNR	0.7	1.2	5.8	1.80	0.20 -	8.78 +	1164.	44.	8.
2298	0000	-617	37.8925	81.2667		PPNR	0.6	1.3	5.7	2.05	0.23	8.95 +	1161.	48.	9.
2299	0000	-614	37.8925	81.2671		PPNR	0.7	1.1 -	5.7	1.63	0.19 -	8.53 +	1187.	50.	9.
2300	0000	-611	37.8924	81.2676		PPNR	0.7	1.3	5.9	1.81	0.23	8.06 +	1263.	49.	9.
2301	0000	-609	37.8924	81.2681		PPNR	0.8	1.4	5.8	1.86	0.25	7.51	1320.	50.	10.
2302	0000	-607	37.8923	81.2687		PPNR	0.8	1.5	6.1	1.84	0.25	7.37	1393.	53.	10.
2303	0000	-605	37.8923	81.2692		PPNR	0.9	1.7	6.6	1.95	0.26	7.41	1460.	55.	9.
2304	0000	-605	37.8923	81.2698		PPNR	0.9	1.7	7.1	1.79	0.23	7.71	1521.	56.	9.
2305	0000	-603	37.8923	81.2703		PPNR	1.1	1.5	7.8 +	1.43	0.19 -	7.36	1593.	55.	9.
2306	0000	-602	37.8922	81.2707		PPNR	1.1	1.6	8.6 +	1.41	0.18 -	7.66	1661.	55.	9.
2307	0000	-604	37.8922	81.2712		PPNR	1.2	1.6	9.3 ++	1.38	0.18 -	7.89	1729.	58.	9.
2308	0000	-601	37.8922	81.2718		PPNR	1.3 +	1.7	9.4 ++	1.36	0.18 -	7.45	1799.	56.	9.
2309	0000	-599	37.8921	81.2723		PPNR	1.3 +	1.8	9.3 ++	1.37	0.19 -	7.04	1829.	56.	8.
2310	0000	-599	37.8921	81.2728		PPNR	1.4 +	1.9	9.1 ++	1.35	0.21 -	6.50	1845.	55.	7.
2311	0000	-595	37.8921	81.2733		PPNR	1.5 +	1.9	8.7 +	1.31 -	0.22	5.97	1838.	55.	6.
2312	0000	-593	37.8921	81.2738		PPNR	1.4 +	2.0	8.2 +	1.43	0.25	5.78	1785.	52.	5.
2313	0000	-595	37.8920	81.2744		PPK	1.4	2.1	7.3	1.54	0.29	5.27	1699.	53.	3.
2314	0000	-593	37.8920	81.2749		PPK	1.3	2.1	6.1	1.57	0.34	4.65 -	1588.	53.	2.
2315	0000	-589	37.8919	81.2754		PPK	1.3	2.0	5.9	1.51	0.33	4.60 -	1494.	56.	1.
2316	0000	-589	37.8919	81.2759		PPK	1.2	1.6	6.0	1.33	0.27	4.88	1426.	55.	0.
2317	0000	-587	37.8919	81.2764		PPK	1.2	1.6	5.7	1.36	0.28	4.93	1371.	54.	0.
2318	0000	-584	37.8918	81.2769		PPK	1.1	1.9	5.3	1.72	0.35	4.90	1339.	54.	0.
2319	0000	-585	37.8918	81.2774		PPK	1.0	1.8	4.9	1.78	0.38 +	4.77	1311.	55.	0.
2320	0000	-585	37.8918	81.2779		PPK	1.0	1.8	4.9	1.89	0.38 +	5.03	1298.	57.	0.
2321	0000	-581	37.8918	81.2785		PPK	0.9	1.8	5.3	1.86	0.34	5.53	1303.	57.	1.
2322	0000	-579	37.8917	81.2789		PPK	1.0	1.9	5.4	2.00 +	0.35 +	5.51	1334.	56.	1.
2323	0000	-580	37.8917	81.2795		PPK	1.1	2.0	5.4	1.86	0.37 +	5.05	1378.	56.	2.
2324	0000	-578	37.8917	81.2800		PPK	1.1	1.9	5.9	1.71	0.32	5.39	1409.	56.	2.
2325	0000	-575	37.8916	81.2805		PPK	1.2	1.8	6.9	1.51	0.26	5.93	1462.	56.	2.
2326	0000	-574	37.8916	81.2810		PPK	1.2	1.8	7.4	1.42	0.24	5.98	1548.	56.	3.
2327	0000	-572	37.8915	81.2816		PPK	1.3	1.6	7.8 +	1.22	0.21	5.87	1602.	56.	2.
2328	0000	-570	37.8915	81.2820		PPK	1.4	1.6	8.0 +	1.10	0.19 -	5.67	1631.	55.	2.
2329	0000	-567	37.8915	81.2825		PPK	1.4	1.4	7.9 +	1.01	0.18 -	5.62	1643.	57.	2.
2330	0000	-565	37.8915	81.2831		PPK	1.3	1.6	8.1 +	1.23	0.20	6.12	1661.	58.	1.
2331	0000	-564	37.8914	81.2836		PPK	1.4	1.8	7.9 +	1.30	0.22	5.83	1677.	59.	1.
2332	0000	-564	37.8914	81.2841		PPK	1.4	1.6	7.8 +	1.12	0.20	5.62	1670.	59.	2.
2333	0000	-562	37.8914	81.2846		PPK	1.4	1.4	7.5	1.03	0.19	5.47	1633.	58.	3.
2334	0000	-560	37.8913	81.2852		PPK	1.4	1.5	7.1	1.10	0.21	5.23	1637.	58.	4.
2335	0000	-559	37.8913	81.2857		PPK	1.4	1.4	7.1	1.04	0.20	5.21	1655.	57.	5.
2336	0000	-557	37.8912	81.2862		PPK	1.3	1.5	7.4	1.11	0.20	5.54	1653.	56.	5.
2337	0000	-556	37.8912	81.2867		PPK	1.4	1.5	7.0	1.09	0.21	5.14	1653.	57.	5.
2338	0000	-553	37.8912	81.2872		PPK	1.3	1.5	7.0	1.11	0.22	5.17	1646.	54.	5.
2339	0000	-553	37.8912	81.2877		PPK	1.3	1.7	6.4	1.27	0.26	4.88	1625.	54.	5.
2340	0000	-553	37.8911	81.2882		PPK	1.3	1.8	6.4	1.37	0.28	4.93	1625.	55.	4.
2341	0000	-550	37.8911	81.2887		PPK	1.3	1.8	6.3	1.40	0.29	4.84	1619.	54.	4.
2342	0000	-548	37.8911	81.2892		PPK	1.3	1.9	6.6	1.42	0.29	4.98	1629.	54.	4.
2343	0000	-548	37.8910	81.2898		PPK	1.3	1.8	6.5	1.34	0.27	4.88	1630.	53.	4.
2344	0000	-546	37.8910	81.2903		PPK	1.3	1.6	6.7	1.24	0.25	5.07	1600.	53.	3.
2345	0000	-544	37.8909	81.2908		PPK	1.3	1.5	6.5	1.15	0.23	4.95	1569.	56.	3.
2346	0000	-544	37.8909	81.2914		PPK	1.3	1.5	6.6	1.16	0.23	5.06	1570.	56.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-542	37.8909	81.2918 PPK	1.3	1.5	6.7	1.13	0.22	5.05	1543.	55.	2.
2348	0000	-539	37.8909	81.2923 PPK	1.3	1.3	6.8	1.01	0.19	5.22	1491.	55.	1.
2349	0000	-538	37.8908	81.2929 PPK	1.2	1.2	6.5	0.98 -	0.18 -	5.40	1410.	58.	1.
2350	0000	-537	37.8907	81.2934 PPK	1.2	1.1	6.2	0.95 -	0.18 -	5.38	1356.	56.	1.
2351	0000	-536	37.8907	81.2939 PPK	1.1	1.0 -	6.1	0.93 -	0.17 -	5.37	1312.	56.	1.
2352	0000	-537	37.8907	81.2944 PPK	1.1	1.2	5.9	1.10	0.20	5.50	1305.	53.	2.
2353	0000	-536	37.8907	81.2949 PPK	1.1	1.1	5.7	1.07	0.20	5.44	1297.	52.	3.
2354	0000	-535	37.8906	81.2954 PPK	1.1	1.0 -	5.7	0.97 -	0.18 -	5.34	1313.	52.	5.
2355	0000	-535	37.8906	81.2960 PPK	1.1	1.1	5.6	1.03	0.20	5.10	1363.	53.	6.
2356	0000	-534	37.8906	81.2965 PPK	1.1	1.1	5.8	0.99 -	0.20	5.04	1419.	52.	7.
2357	0000	-534	37.8905	81.2970 PPK	1.2	1.2	5.8	1.01	0.20	5.00	1430.	53.	8.
2358	0000	-532	37.8905	81.2975 PPK	1.2	1.2	5.8	1.04	0.21	4.94	1438.	55.	8.
2359	0000	-530	37.8905	81.2980 PPK	1.2	1.1 -	5.7	0.90 -	0.19 -	4.85	1401.	56.	7.
2360	0000	-528	37.8905	81.2985 PPK	1.1	1.2	5.7	1.03	0.20	5.07	1358.	60.	7.
2361	0000	-524	37.8904	81.2990 PPK	1.0	1.3	5.5	1.23	0.23	5.31	1299.	61.	6.
2362	0000	-523	37.8904	81.2995 PPK	1.0	1.2	5.4	1.23	0.22	5.54	1232.	62.	6.
2363	0000	-525	37.8904	81.3000 PPK	0.9	1.3	5.1	1.43	0.26	5.46	1194.	63.	6.
2364	0000	-524	37.8904	81.3005 PPK	0.9	1.3	5.2	1.48	0.26	5.77	1200.	63.	5.
2365	0000	-522	37.8903	81.3010 PPK	0.9	1.4	5.4	1.49	0.26	5.68	1250.	61.	7.
2366	0000	-519	37.8902	81.3016 PPK	1.0	1.5	5.7	1.53	0.27	5.72	1328.	61.	8.
2367	0000	-515	37.8902	81.3021 PPK	1.1	1.4	5.7	1.28	0.25	5.22	1396.	60.	8.
2368	0000	-515	37.8902	81.3027 PPK	1.2	1.6	6.0	1.40	0.27	5.10	1492.	61.	8.
2369	0000	-513	37.8902	81.3032 PPK	1.3	1.7	6.6	1.30	0.26	5.07	1596.	60.	8.
2370	0000	-510	37.8901	81.3036 PPK	1.4	1.8	7.0	1.32	0.26	5.08	1676.	57.	7.
2371	0000	-509	37.8901	81.3041 PPK	1.5 +	1.9	6.8	1.29	0.28	4.62 -	1754.	60.	6.
2372	0000	-506	37.8900	81.3047 PPK	1.5 +	2.0	7.3	1.28	0.27	4.82	1842.	57.	6.
2373	0000	-504	37.8900	81.3052 PPK	1.6 +	2.1	7.8 +	1.29	0.26	4.87	1942.	57.	5.
2374	0000	-502	37.8900	81.3057 PPK	1.7 +	2.3 +	8.1 +	1.38	0.28	4.91	1984.	54.	4.
2375	0000	-500	37.8899	81.3062 PPK	1.6 +	2.3 +	8.1 +	1.39	0.28	4.96	1972.	54.	4.
2376	0000	-499	37.8899	81.3068 PPK	1.6 +	2.4 +	7.9 +	1.50	0.30	5.01	1978.	55.	3.
2377	0000	-496	37.8898	81.3072 PPK	1.5 +	2.4 +	7.8 +	1.54	0.30	5.09	1975.	56.	4.
2378	0000	-494	37.8898	81.3078 PPK	1.5 +	2.3 +	8.0 +	1.54	0.29	5.25	1962.	53.	5.
2379	0000	-493	37.8898	81.3083 PPK	1.5 +	2.2 +	7.6 +	1.48	0.29	5.05	1872.	55.	5.
2380	0000	-491	37.8898	81.3088 PPK	1.4	2.0	7.0	1.38	0.28	4.93	1726.	57.	5.
2381	0000	-489	37.8897	81.3093 PPK	1.3	1.7	6.6	1.35	0.26	5.12	1631.	58.	6.
2382	0000	-490	37.8897	81.3098 PPK	1.3	1.6	6.6	1.24	0.24	5.07	1564.	56.	6.
2383	0000	-488	37.8897	81.3103 PPK	1.2	1.6	6.3	1.28	0.25	5.23	1484.	55.	6.
2384	0000	-486	37.8896	81.3108 PPK	1.2	1.6	5.9	1.34	0.27	5.07	1406.	57.	6.
2385	0000	-484	37.8895	81.3114 PPK	1.1	1.4	5.8	1.26	0.25	5.08	1342.	56.	6.
2386	0000	-482	37.8896	81.3118 PPK	1.1	1.6	5.2	1.50	0.31	4.90	1307.	57.	6.
2387	0000	-482	37.8896	81.3124 PPK	1.0	1.8	5.2	1.76	0.34	5.26	1298.	58.	5.
2388	0000	-480	37.8895	81.3129 PPK	1.0	1.7	5.3	1.76	0.33	5.37	1302.	58.	5.
2389	0000	-479	37.8895	81.3134 PPK	0.9	1.8	5.5	1.86	0.32	5.85	1305.	60.	6.
2390	0000	-478	37.8894	81.3139 PPK	1.0	1.7	5.1	1.67	0.33	5.14	1294.	59.	6.
2391	0000	-476	37.8894	81.3145 PPK	1.0	1.5	5.1	1.57	0.30	5.22	1270.	57.	7.
2392	0000	-475	37.8894	81.3149 PPK	0.9	1.5	4.8	1.65	0.31	5.39	1232.	58.	7.
2393	0000	-474	37.8893	81.3154 PPK	0.8	1.3	4.7	1.56	0.29	5.49	1187.	58.	7.
2394	0000	-472	37.8893	81.3160 PPK	0.8	1.3	4.4 -	1.52	0.29	5.19	1160.	56.	8.
2395	0000	-470	37.8893	81.3165 PPK	0.8 -	1.3	4.2 -	1.51	0.30	5.05	1137.	57.	8.
2396	0000	-469	37.8893	81.3170 PPK	0.9	1.1	4.5 -	1.28	0.24	5.24	1127.	55.	8.
2397	0000	-467	37.8892	81.3176 PPK	0.9	1.0 -	5.0	1.10	0.19	5.70	1155.	54.	8.

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FLIGHT LINE 40, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-465	37.8892	81.3181	PPK	0.9	0.9 -	5.3	0.95 -	0.16 -	5.82	1165.	55.	8.
2399	0000	-462	37.8891	81.3186	PPK	1.0	1.0 -	5.5	1.01	0.18 -	5.73	1200.	53.	9.
2400	0000	-462	37.8891	81.3191	PPK	1.0	1.0 -	5.6	0.97 -	0.17 -	5.68	1233.	51.	9.
2401	0000	-461	37.8891	81.3196	PPK	1.0	0.9 -	5.8	0.91 -	0.16 -	5.67	1239.	49.	9.
2402	0000	-458	37.8890	81.3201	PPK	1.0	0.9 -	5.8	0.94 -	0.16 -	5.93	1213.	49.	9.
2403	0000	-456	37.8890	81.3206	PPK	1.0	0.9 -	4.9	0.94 -	0.19	4.99	1196.	48.	9.
2404	0000	-455	37.8890	81.3211	PPK	0.9	1.1	4.6 -	1.25	0.24	5.21	1163.	48.	9.
2405	0000	-453	37.8890	81.3216	PPK	0.9	1.2	4.5 -	1.37	0.27	5.12	1187.	45.	8.
2406	0000	-451	37.8889	81.3221	PPK	0.9	1.1	4.8	1.31	0.24	5.57	1179.	49.	7.
2407	0000	-449	37.8889	81.3227	PPK	0.9	1.3	4.9	1.49	0.26	5.74	1194.	49.	6.
2408	0000	-446	37.8889	81.3232	PPK	0.9	1.2	5.5	1.28	0.22	5.90	1241.	50.	6.
2409	0000	-444	37.8888	81.3237	PPK	1.0	1.4	5.4	1.39	0.25	5.52	1314.	49.	7.
2410	0000	-443	37.8888	81.3242	PPK	1.0	1.5	6.0	1.48	0.25	6.02	1359.	48.	6.
2411	0000	-440	37.8887	81.3247	PPK	1.0	1.4	6.3	1.38	0.23	6.13	1387.	49.	6.
2412	0000	-438	37.8887	81.3252	PPK	1.0	1.7	6.3	1.65	0.27	6.20	1405.	53.	5.
2413	0000	-436	37.8887	81.3258	PPK	1.0	1.8	6.0	1.75	0.30	5.90	1423.	52.	5.
2414	0000	-434	37.8887	81.3263	PPK	1.0	1.7	6.5	1.66	0.26	6.44 +	1423.	51.	6.
2415	0000	-432	37.8886	81.3268	PPK	1.0	1.7	6.1	1.83	0.29	6.42 +	1420.	52.	6.
2416	0000	-430	37.8885	81.3272	PPK	1.0	1.6	6.2	1.70	0.26	6.48 +	1391.	52.	5.
2417	0000	-429	37.8885	81.3278	PPK	0.9	1.7	6.2	1.77	0.27	6.63 +	1377.	54.	4.
2418	0000	-427	37.8885	81.3284	PPK	1.0	1.9	5.8	1.94 +	0.32	5.97	1378.	59.	4.
2419	0000	-424	37.8885	81.3289	PPK	1.0	1.8	5.9	1.74	0.30	5.73	1401.	55.	3.
2420	0000	-423	37.8884	81.3294	PPK	1.1	1.7	6.3	1.59	0.27	5.93	1416.	57.	3.
2421	0000	-422	37.8884	81.3299	PPK	1.1	1.7	6.0	1.50	0.28	5.33	1446.	58.	3.
2422	0000	-420	37.8884	81.3304	PPK	1.2	1.8	5.9	1.55	0.31	4.96	1468.	58.	3.
2423	0000	-419	37.8883	81.3309	PPK	1.2	1.8	6.1	1.46	0.29	5.00	1510.	59.	3.
2424	0000	-418	37.8883	81.3314	PPK	1.3	1.8	6.2	1.39	0.29	4.80	1555.	59.	3.
2425	0000	-418	37.8882	81.3319	PPK	1.3	1.7	6.8	1.28	0.25	5.14	1606.	56.	4.
2426	0000	-416	37.8882	81.3324	PPK	1.3	1.3	6.8	1.02	0.20	5.20	1612.	56.	5.
2427	0000	-413	37.8882	81.3329	PPK	1.3	1.2	6.8	0.97 -	0.18 --	5.35	1611.	54.	6.
2428	0000	-412	37.8882	81.3334	PPK	1.2	1.3	7.0	1.09	0.19	5.74	1599.	55.	7.
2429	0000	-412	37.8881	81.3340	PPK	1.2	1.2	7.4	0.99 -	0.16 -	6.08	1583.	55.	7.
2430	0000	-411	37.8881	81.3345	PPK	1.2	1.1	7.1	0.92 -	0.16 -	5.91	1569.	55.	9.
2431	0000	-409	37.8881	81.3350	PPK	1.2	1.1	6.7	0.92 -	0.16 -	5.74	1542.	54.	10.
2432	0000	-406	37.8880	81.3355	PPK	1.2	0.7 --	6.4	0.56 --	0.11 -	5.27	1504.	55.	11.
2433	0000	-404	37.8880	81.3360	PPK	1.2	1.0 -	6.6	0.79 -	0.15 -	5.41	1490.	57.	11.
2434	0000	-402	37.8879	81.3365	PPK	1.2	1.2	6.8	0.95 -	0.17 -	5.51	1505.	55.	10.
2435	0000	-400	37.8879	81.3370	PPK	1.2	0.9 -	6.8	0.77 -	0.13 -	5.74	1504.	56.	10.
2436	0000	-399	37.8879	81.3376	PPK	1.3	1.1	6.9	0.91 -	0.16 -	5.53	1542.	54.	9.
2437	0000	-398	37.8879	81.3381	PPK	1.2	1.4	7.0	1.20	0.21	5.81	1572.	55.	8.
2438	0000	-396	37.8878	81.3385	PPK	1.2	2.0	7.4	1.68	0.27	6.14	1630.	53.	7.
2439	1000	-394	37.8878	81.3391	PPK	1.2	2.6 +	7.2	2.28 +	0.37 +	6.20	1694.	54.	6.
2440	1000	-393	37.8878	81.3396	PPNR	1.2 +	2.5 +	7.1	2.02	0.35	5.71	1768.	52.	6.
2441	1000	-392	37.8878	81.3400	PPNR	1.3 +	2.4 +	7.1	1.82	0.34	5.32 -	1850.	54.	7.
2442	1000	-390	37.8879	81.3405	PPNR	1.5 +	2.8 +	7.3	1.91	0.39 +	4.94 -	1930.	54.	8.
2443	1000	-389	37.8879	81.3410	PPNR	1.4 +	2.9 ++	6.4	2.14	0.46 +	4.68 -	1902.	54.	10.
2444	1000	-389	37.8879	81.3414	PPNR	1.4 +	2.5 +	6.9	1.79	0.36	4.91 -	1874.	51.	11.
2445	1000	-388	37.8879	81.3418	PPNR	1.4 +	1.9	7.1	1.40	0.27	5.19 -	1816.	52.	12.
2446	1000	-386	37.8879	81.3423	PPNR	1.4 +	1.6	7.6 +	1.19 -	0.21	5.58	1755.	52.	13.
2447	1000	-386	37.8880	81.3428	PPNR	1.3 +	1.6	7.5 +	1.17 -	0.21 -	5.57	1694.	52.	13.
2448	1000	-383	37.8880	81.3432	PPNR	1.2 +	1.5	7.0	1.22 -	0.22	5.62	1608.	49.	12.

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FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-381	37.8880	81.3436	PPNR	1.1	1.4	6.8	1.23 -	0.20 -	6.03	1537.	47.	10.
2450	0000	-381	37.8880	81.3441	PPNR	1.2	1.2	7.2	1.07 -	0.17 -	6.27	1524.	48.	9.
2451	0000	-380	37.8880	81.3446	PPNR	1.1	1.4	6.5	1.25 -	0.22	5.72	1519.	51.	8.
2452	0000	-380	37.8881	81.3450	PPNR	1.2	1.3	6.6	1.13 -	0.20 -	5.67	1518.	52.	7.
2453	0000	-379	37.8881	81.3454	PPK	1.2	1.2	6.5	1.02	0.19	5.42	1508.	51.	6.
2454	0000	-377	37.8881	81.3460	PPK	1.1	1.5	6.2	1.30	0.24	5.47	1482.	53.	5.
2455	0000	-378	37.8882	81.3464	PPK	1.1	1.5	6.1	1.28	0.24	5.37	1467.	55.	6.
2456	0000	-379	37.8882	81.3468	PPK	1.2	1.3	6.1	1.10	0.21	5.30	1463.	56.	6.
2457	0000	-379	37.8882	81.3474	PPK	1.1	1.2	6.2	1.04	0.19	5.43	1467.	58.	6.
2458	0000	-378	37.8882	81.3478	PPK	1.2	1.2	6.2	1.07	0.20	5.38	1470.	58.	7.
2459	0000	-378	37.8882	81.3482	PPK	1.2	1.3	6.2	1.09	0.21	5.09	1499.	57.	7.
2460	0000	-377	37.8882	81.3487	PPK	1.3	1.4	6.5	1.12	0.22	5.16	1538.	57.	7.
2461	0000	-378	37.8882	81.3492	PPK	1.3	1.4	6.7	1.04	0.21	5.03	1601.	56.	7.
2462	0000	-377	37.8882	81.3496	PPK	1.4	1.5	7.0	1.07	0.21	5.04	1686.	56.	5.
2463	0000	-376	37.8883	81.3500	PPK	1.5 +	1.8	7.1	1.18	0.25	4.72	1757.	55.	4.
2464	0000	-375	37.8883	81.3505	PPK	1.6 +	2.0	7.3	1.25	0.27	4.62 -	1824.	55.	3.
2465	0000	-375	37.8884	81.3510	PPK	1.6 +	2.1	7.7 +	1.30	0.27	4.78	1879.	53.	2.
2466	0000	-374	37.8884	81.3514	PPK	1.7 +	2.2 +	7.8 +	1.30	0.28	4.71	1910.	53.	1.
2467	0000	-374	37.8884	81.3518	PPK	1.6 +	2.3 +	7.5	1.45	0.31	4.64 -	1901.	53.	1.
2468	0000	-373	37.8884	81.3523	PPK	1.5 +	2.2 +	7.3	1.45	0.31	4.75	1839.	53.	1.
2469	0000	-374	37.8884	81.3528	PPK	1.5 +	2.2 +	7.2	1.54	0.31	4.93	1753.	54.	1.
2470	0000	-375	37.8884	81.3532	PPK	1.4	1.8	6.9	1.30	0.26	5.03	1667.	53.	3.
2471	0000	-372	37.8885	81.3537	PPK	1.3	1.5	6.5	1.11	0.22	4.96	1588.	53.	4.
2472	0000	-371	37.8885	81.3542	PPK	1.2	1.2	6.2	0.97 -	0.20	4.95	1523.	54.	6.
2473	0000	-372	37.8885	81.3546	PPK	1.1	1.1	5.7	0.96 -	0.19	5.05	1455.	52.	7.
2474	0000	-371	37.8885	81.3550	PPK	1.1	0.9 -	5.8	0.87 -	0.16 -	5.41	1398.	53.	9.
2475	0000	-370	37.8885	81.3555	PPK	1.0	1.0 -	6.0	1.00	0.16 -	6.15	1359.	52.	10.
2476	0000	-369	37.8886	81.3560	PPK	0.9	0.8 -	5.7	0.92 -	0.15 -	6.31 +	1329.	50.	12.
2477	0000	-368	37.8886	81.3564	PPK	0.8 -	0.9 -	5.7	1.10	0.16 -	6.82 +	1295.	52.	12.
2478	0000	-367	37.8886	81.3569	PPK	0.8 -	0.8 -	6.2	1.02	0.14 -	7.43 ++	1280.	50.	13.
2479	0000	-366	37.8886	81.3574	PPK	0.8 -	1.3	6.3	1.58	0.21	7.66 ++	1290.	50.	12.
2480	0000	-366	37.8886	81.3578	PPK	0.9	1.3	6.7	1.49	0.19	7.83 ++	1322.	51.	11.
2481	0000	-364	37.8887	81.3582	PPK	0.9	1.1	7.3	1.23	0.15 -	8.01 ++	1384.	51.	12.
2482	0000	-364	37.8887	81.3587	PPK	0.9	1.4	7.7 +	1.59	0.19 -	8.52 +++	1452.	50.	11.
2483	0000	-363	37.8887	81.3592	PPK	1.1	1.6	7.8 +	1.50	0.20	7.36 ++	1531.	51.	9.
2484	1000	-362	37.8887	81.3596	PPK	1.2	1.7	7.7 +	1.43	0.22	6.49 +	1600.	50.	8.
2485	1000	-361	37.8887	81.3601	PPK	1.3	1.8	8.0 +	1.33	0.22	5.97	1673.	53.	7.
2486	1000	-362	37.8888	81.3605	PPK	1.4	1.7	8.5 +	1.21	0.20	6.02	1735.	52.	7.
2487	1000	-361	37.8888	81.3610	PPK	1.4 +	2.0	8.4 +	1.39	0.24	5.81	1783.	51.	6.
2488	1000	-361	37.8888	81.3614	PPK	1.5 +	2.3 +	9.2 ++	1.53	0.25	6.25 +	1872.	50.	5.
2489	1000	-361	37.8889	81.3619	PPK	1.7 +	1.9	9.8 ++	1.10	0.19	5.79	1953.	49.	5.
2490	1000	-360	37.8889	81.3623	PPNR	1.6 ++	2.4 +	10.1 ++	1.44	0.24	6.11	1984.	47.	4.
2491	1000	-359	37.8889	81.3628	PPNR	1.6 ++	3.1 ++	9.9 ++	1.98	0.32	6.28	2028.	49.	4.
2492	1000	-359	37.8889	81.3633	PPNR	1.5 +	3.3 ++	9.2 ++	2.16	0.35	6.12	2040.	48.	5.
2493	1000	-358	37.8889	81.3637	PPNR	1.4 +	3.2 ++	9.1 ++	2.19	0.35	6.30	1973.	49.	5.
2494	1000	-356	37.8890	81.3642	PPNR	1.4 +	2.9 ++	8.7 +	2.04	0.33	6.17	1912.	49.	6.
2495	1000	-355	37.8890	81.3646	PPNR	1.3 +	2.9 ++	7.4 +	2.20	0.39 +	5.59	1780.	52.	8.
2496	1000	-354	37.8890	81.3651	PPNR	1.2	2.9 ++	6.4	2.51	0.45 +	5.54	1675.	52.	9.
2497	1000	-355	37.8890	81.3656	PPNR	1.2	2.4 +	6.0	2.01	0.39 +	5.12 -	1612.	54.	10.
2498	0000	-354	37.8890	81.3660	PPNR	1.2	1.5	6.4	1.27 -	0.23	5.44	1570.	53.	11.
2499	0000	-353	37.8891	81.3665	PPNR	1.2	1.3	6.5	1.15 -	0.21 -	5.62	1521.	55.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-353	37.8891	81.3669	PPNR	1.2	1.1 -	6.5	0.88 --	0.16 -	5.39 -	1528.	54.	13.
2501	0000	-353	37.8891	81.3674	PPNR	1.1	1.2	6.3	1.07 -	0.19 -	5.54	1514.	53.	13.
2502	0000	-351	37.8891	81.3678	PPNR	1.2	1.0 -	5.9	0.89 --	0.17 -	5.08 -	1506.	53.	12.
2503	0000	-350	37.8891	81.3683	PPNR	1.2	1.1 -	5.8	0.94 --	0.19 -	5.02 -	1473.	56.	12.
2504	0000	-349	37.8892	81.3687	PPNR	1.1	1.1 -	6.0	0.98 -	0.18 -	5.45	1440.	55.	11.
2505	0000	-350	37.8892	81.3692	PPNR	1.0	1.3	6.1	1.20 -	0.21 -	5.77	1397.	54.	8.
2506	0000	-350	37.8892	81.3697	PPK	0.9	1.3	6.0	1.42	0.22	6.34 +	1359.	52.	7.
2507	0000	-348	37.8892	81.3701	PPK	0.9	1.6	5.7	1.80	0.28	6.38 +	1321.	52.	5.
2508	0000	-348	37.8892	81.3705	PPK	0.9	1.6	5.7	1.74	0.28	6.26 +	1308.	54.	4.
2509	0000	-348	37.8893	81.3710	PPK	1.0	1.9	5.9	1.92	0.32	6.11	1342.	52.	3.
2510	0000	-350	37.8893	81.3715	PPK	1.0	1.9	5.9	1.91	0.33	5.83	1382.	52.	3.
2511	0000	-351	37.8893	81.3719	PPK	1.0	2.2	6.1	2.09 +	0.35 +	5.94	1440.	51.	2.
2512	0000	-351	37.8893	81.3723	PPK	1.1	2.2	6.1	1.96 +	0.35 +	5.55	1485.	50.	2.
2513	0000	-349	37.8893	81.3729	PPK	1.2	2.3 +	6.2	1.91	0.37 +	5.12	1547.	51.	2.
2514	0000	-348	37.8893	81.3733	PPK	1.3	2.3 +	6.4	1.82	0.36 +	5.00	1631.	51.	3.
2515	0000	-350	37.8894	81.3737	PPK	1.4	2.3 +	6.9	1.67	0.34	4.93	1707.	50.	2.
2516	0000	-350	37.8894	81.3742	PPK	1.4 +	2.3 +	7.1	1.61	0.33	4.93	1772.	51.	3.
2517	0000	-349	37.8894	81.3747	PPK	1.4	2.7 +	7.6 +	1.89	0.35 +	5.36	1848.	51.	3.
2518	0000	-349	37.8894	81.3751	PPK	1.5 +	2.3 +	7.9 +	1.54	0.30	5.22	1906.	51.	4.
2519	0000	-349	37.8894	81.3755	PPK	1.6 +	2.3 +	7.6 +	1.48	0.31	4.79	1942.	52.	5.
2520	0000	-349	37.8895	81.3761	PPK	1.6 +	2.2 +	8.1 +	1.34	0.27	5.00	1975.	51.	7.
2521	0000	-349	37.8895	81.3765	PPK	1.7 +	2.0	8.0 +	1.17	0.25	4.63 -	2012.	52.	9.
2522	0000	-348	37.8896	81.3769	PPK	1.8 +	2.0	7.7 +	1.10	0.26	4.24 -	2042.	52.	11.
2523	0000	-348	37.8896	81.3773	PPK	1.9 ++	1.9	7.9 +	1.04	0.25	4.24 -	2057.	51.	12.
2524	0000	-348	37.8895	81.3779	PPK	2.0 ++	1.4	8.0 +	0.69 --	0.17 -	4.02 --	2055.	51.	14.
2525	0000	-347	37.8896	81.3783	PPK	2.0 ++	1.5	8.0 +	0.76 -	0.19	4.04 --	2033.	52.	15.
2526	0000	-346	37.8896	81.3787	PPK	2.0 ++	1.4	8.6 +	0.68 --	0.16 -	4.28 -	2062.	53.	15.
2527	0000	-345	37.8896	81.3793	PPK	2.0 ++	1.2	8.9 +	0.62 --	0.14 -	4.46 -	2120.	54.	16.
2528	0000	-345	37.8897	81.3797	PPK	2.0 ++	1.3	9.3 ++	0.66 --	0.14 -	4.73	2141.	53.	16.
2529	0000	-344	37.8897	81.3801	PPK	1.9 ++	1.0 -	9.9 ++	0.53 --	0.10 --	5.13	2149.	55.	16.
2530	0000	-343	37.8897	81.3805	PPK	2.0 ++	0.8 -	10.3 ++	0.42 ---	0.08 --	5.08	2191.	56.	16.
2531	0000	-344	37.8897	81.3811	PPK	2.0 ++	0.9 -	10.2 ++	0.44 ---	0.09 --	4.98	2222.	55.	15.
2532	0000	-345	37.8897	81.3815	PPK	2.1 ++	0.9 -	10.2 ++	0.43 ---	0.09 --	4.95	2250.	58.	15.
2533	0000	-344	37.8898	81.3819	PPK	2.1 ++	0.7 --	10.1 ++	0.34 ---	0.07 --	4.88	2245.	59.	15.
2534	0000	-345	37.8898	81.3824	PPK	2.1 ++	0.9 -	9.8 ++	0.43 ---	0.09 -	4.87	2203.	60.	15.
2535	0000	-345	37.8898	81.3829	PPK	2.0 ++	0.9 -	9.9 ++	0.46 ---	0.09 --	4.88	2178.	60.	14.
2536	0000	-345	37.8898	81.3833	PPK	2.0 ++	1.0 -	9.6 ++	0.51 ---	0.11 -	4.72	2166.	59.	14.
2537	0000	-345	37.8898	81.3837	PPK	1.9 ++	1.1	9.0 +	0.58 --	0.12 -	4.80	2063.	58.	14.
2538	0000	-345	37.8899	81.3842	PPK	1.7 +	1.0 -	8.8 +	0.58 --	0.11 -	5.21	1971.	58.	13.
2539	0000	-350	37.8899	81.3847	PPK	1.6 +	1.2	8.5 +	0.75 -	0.14 -	5.30	1897.	55.	13.
2540	0000	-350	37.8899	81.3851	PPK	1.5 +	1.3	8.1 +	0.87 -	0.16 -	5.35	1836.	53.	11.
2541	0000	-351	37.8899	81.3856	PPK	1.4	1.2	7.8 +	0.86 -	0.15 -	5.75	1755.	53.	10.
2542	0000	-352	37.8899	81.3860	PPK	1.3	1.2	7.5	0.87 -	0.15 -	5.60	1678.	54.	9.
2543	0000	-352	37.8900	81.3865	PPK	1.2	1.2	7.3	1.02	0.17 -	5.94	1623.	53.	8.
2544	0000	-352	37.8900	81.3869	PPK	1.2	1.2	7.4	1.01	0.17 -	6.01	1605.	56.	7.
2545	0000	-354	37.8900	81.3874	PPK	1.2	1.4	6.9	1.14	0.20	5.60	1595.	56.	7.
2546	0000	-355	37.8900	81.3878	PPK	1.2	1.2	6.7	0.96 -	0.18 -	5.47	1562.	56.	7.
2547	0000	-351	37.8900	81.3883	PPK	1.2	1.4	6.4	1.21	0.22	5.51	1537.	56.	7.
2548	0000	-350	37.8901	81.3888	PPK	1.2	1.5	6.0	1.26	0.25	5.09	1515.	57.	7.
2549	0000	-353	37.8901	81.3893	PPK	1.2	1.4	5.5	1.24	0.26	4.74	1486.	57.	7.
2550	0000	-353	37.8901	81.3897	PPK	1.1	1.3	5.4	1.18	0.24	4.98	1431.	59.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-355	37.8902	81.3902		PPK	1.0	1.3	5.2	1.23	0.25	5.03	1387.	58.	8.
2552	0000	-358	37.8902	81.3906		PPK	1.0	1.2	5.0	1.20	0.25	4.90	1338.	58.	8.
2553	0000	-358	37.8902	81.3911		PPK	1.0	1.1 -	5.3	1.03	0.20	5.17	1298.	61.	8.
2554	0000	-359	37.8902	81.3915		PPK	1.0	0.9 -	5.4	0.91 -	0.17 -	5.30	1248.	62.	8.
2555	0000	-359	37.8902	81.3920		PPK	1.0	0.8 -	5.2	0.88 -	0.16 -	5.39	1204.	59.	7.
2556	0000	-358	37.8902	81.3924		PPK	0.9	0.8 -	5.2	0.85 -	0.15 -	5.58	1156.	61.	7.
2557	0000	-360	37.8902	81.3929		PPK	0.9	0.9 -	4.8	0.98 -	0.18 -	5.41	1107.	59.	5.
2558	0000	-359	37.8902	81.3933		PPK	0.9	0.9 -	4.7	1.08	0.20	5.55	1069.	58.	5.
2559	0000	-360	37.8903	81.3938		PPK	0.8 -	0.9 -	4.5 -	1.09	0.20	5.48	1021.	58.	4.
2560	0000	-359	37.8903	81.3942		PPK	0.8 -	1.0 -	3.9 -	1.34	0.26	5.10	992.	56.	3.
2561	0000	-357	37.8904	81.3947		PPK	0.7 -	0.9 -	3.7 -	1.24	0.25	4.97	972.	56.	4.
2562	0000	-358	37.8904	81.3952		PPK	0.8 -	0.9 -	3.6 -	1.22	0.26	4.72	966.	58.	3.
2563	0000	-361	37.8904	81.3956		PPK	0.8 -	1.0 -	3.7 -	1.33	0.28	4.73	993.	58.	3.
2564	0000	-362	37.8904	81.3960		PPK	0.9	1.0 -	3.7 -	1.22	0.29	4.29 -	1025.	60.	4.
2565	0000	-363	37.8904	81.3965		PPK	0.9	1.0 -	3.9 -	1.11	0.25	4.45 -	1061.	61.	5.
2566	0000	-363	37.8905	81.3970		PPK	0.9	1.0 -	4.1 -	1.03	0.23	4.46 -	1132.	60.	5.
2567	0000	-361	37.8905	81.3975		PPK	1.0	1.2	4.3 -	1.24	0.28	4.44 -	1208.	61.	5.
2568	0000	-360	37.8905	81.3979		PPK	1.0	1.4	4.7	1.36	0.30	4.58 -	1290.	61.	4.
2569	0000	-359	37.8905	81.3984		PPK	1.1	1.5	5.2	1.33	0.28	4.71	1373.	60.	4.
2570	0000	-358	37.8905	81.3988		PPK	1.2	1.5	5.6	1.28	0.27	4.70	1430.	60.	4.
2571	0000	-356	37.8905	81.3993		PPK	1.2	1.7	5.9	1.45	0.28	5.13	1477.	60.	3.
2572	0000	-355	37.8906	81.3997		PPK	1.2	1.8	5.9	1.54	0.31	4.97	1519.	61.	2.
2573	0000	-354	37.8906	81.4002		PPK	1.2	2.1	6.1	1.73	0.34	5.06	1553.	61.	1.
2574	0000	-353	37.8906	81.4006		PPK	1.2	1.9	6.5	1.59	0.30	5.36	1576.	59.	1.
2575	0000	-354	37.8906	81.4011		PPK	1.3	2.0	6.1	1.55	0.32	4.83	1598.	60.	1.
2576	0000	-355	37.8906	81.4016		PPK	1.2	2.0	6.4	1.63	0.31	5.19	1601.	59.	1.
2577	0000	-354	37.8907	81.4020		PPK	1.2	2.2 +	6.2	1.83	0.35	5.24	1610.	58.	0.
2578	0000	-355	37.8907	81.4024		PPK	1.2	2.2 +	5.9	1.88	0.38 +	4.95	1586.	58.	0.
2579	0000	-355	37.8907	81.4029		PPK	1.1	2.3 +	5.7	1.96 +	0.40 +	4.97	1534.	57.	0.
2580	0000	-354	37.8907	81.4034		PPK	1.1	2.0	5.4	1.85	0.38 +	4.91	1447.	58.	0.
2581	0000	-353	37.8907	81.4038		PPK	1.0	2.0	5.0	1.94 +	0.40 +	4.90	1360.	59.	0.
2582	0000	-354	37.8908	81.4042		PPK	0.9	1.8	5.1	2.00 +	0.36 +	5.55	1280.	56.	0.
2583	0000	-357	37.8908	81.4048		PPK	0.9	1.8	4.3 -	2.11 +	0.42 +	5.01	1219.	56.	0.
2584	0000	-358	37.8909	81.4052		PPK	0.8 -	1.8	4.5 -	2.14 +	0.40 +	5.37	1184.	54.	0.
2585	0000	-356	37.8909	81.4056		PPK	0.8 -	1.6	4.8	1.89	0.33	5.70	1185.	53.	0.
2586	0000	-358	37.8909	81.4061		PPK	0.9	1.6	4.7	1.71	0.34	5.08	1208.	54.	0.
2587	0000	-361	37.8909	81.4066		PPK	0.9	1.7	5.1	1.79	0.33	5.38	1281.	52.	0.
2588	0000	-361	37.8909	81.4070		PPK	1.0	2.0	5.3	1.94 +	0.37 +	5.24	1347.	53.	0.
2589	0000	-360	37.8909	81.4075		PPK	1.0	2.1	5.9	2.04 +	0.36 +	5.73	1406.	53.	0.
2590	0000	-358	37.8910	81.4080		PPK	1.1	2.0	6.1	1.85	0.33	5.64	1444.	56.	0.
2591	0000	-357	37.8910	81.4084		PPK	1.1	1.9	6.3	1.68	0.30	5.57	1477.	57.	1.
2592	0000	-359	37.8910	81.4088		PPK	1.2	2.0	6.0	1.70	0.33	5.18	1508.	58.	1.
2593	0000	-359	37.8910	81.4093		PPK	1.1	2.1	6.3	1.87	0.33	5.63	1560.	55.	2.
2594	0000	-358	37.8910	81.4097		PPK	1.1	2.2 +	5.9	1.92	0.37 +	5.26	1555.	56.	2.
2595	0000	-359	37.8911	81.4102		PPK	1.1	2.0	6.0	1.77	0.33	5.46	1546.	54.	3.
2596	0000	-358	37.8911	81.4106		PPK	1.1	1.8	5.6	1.54	0.31	4.92	1531.	54.	4.
2597	0000	-357	37.8911	81.4111		PPK	1.1	1.7	6.2	1.52	0.28	5.42	1528.	54.	5.
2598	0000	-357	37.8911	81.4115		PPK	1.1	1.7	5.8	1.48	0.29	5.07	1543.	54.	6.
2599	0000	-358	37.8911	81.4120		PPK	1.2	1.3	6.2	1.11	0.22	5.16	1566.	53.	7.
2600	0000	-361	37.8912	81.4124		PPK	1.3	1.1	6.2	0.86 -	0.18 -	4.74	1554.	55.	9.
2601	0000	-360	37.8912	81.4129		PPK	1.3	0.7 --	6.5	0.56 --	0.11 -	5.07	1547.	57.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-361	37.8912	81.4134	PPK	1.3	0.9 -	6.2	0.69 --	0.14 -	4.74	1568.	58.	11.
2603	0000	-363	37.8912	81.4138	PPK	1.4	1.0 -	6.4	0.71 --	0.15 -	4.66 -	1587.	59.	12.
2604	0000	-363	37.8912	81.4144	PPK	1.4	1.1	6.1	0.83 -	0.19 -	4.42 -	1625.	58.	12.
2605	0000	-361	37.8913	81.4148	PPK	1.4	1.1	6.2	0.80 -	0.18 -	4.43 -	1624.	61.	11.
2606	0000	-364	37.8913	81.4152	PPK	1.4	1.6	6.5	1.16	0.24	4.76	1622.	60.	9.
2607	0000	-366	37.8913	81.4157	PPK	1.4	1.7	6.8	1.22	0.24	5.05	1618.	61.	7.
2608	0000	-367	37.8913	81.4162	PPK	1.4	1.9	7.0	1.42	0.28	5.17	1604.	62.	5.
2609	0000	-368	37.8913	81.4166	PPK	1.3	1.6	7.0	1.21	0.23	5.21	1558.	61.	4.
2610	0000	-369	37.8914	81.4170	PPK	1.2	1.7	6.8	1.44	0.26	5.63	1506.	61.	3.
2611	0000	-370	37.8914	81.4175	PPK	1.1	1.6	6.4	1.47	0.26	5.71	1424.	60.	2.
2612	0000	-370	37.8914	81.4179	PPK	1.0	1.5	6.4	1.49	0.24	6.22 +	1329.	60.	1.
2613	0000	-370	37.8914	81.4184	PPK	1.0	1.3	5.9	1.36	0.23	6.06	1236.	62.	2.
2614	0000	-371	37.8914	81.4188	PPA-1	0.8	1.3	5.4	1.57	0.24	6.68	1166.	64.	2.
2615	0000	-373	37.8914	81.4193	PPA-1	0.8	1.2	5.1	1.45	0.23	6.39	1145.	64.	2.
2616	0000	-372	37.8915	81.4198	PPA-1	0.8	1.4	5.2	1.67	0.26	6.40	1160.	64.	1.
2617	0000	-373	37.8915	81.4202	PPA-1	0.9	1.4	5.5	1.53	0.26	5.98	1196.	65.	1.
2618	0000	-374	37.8915	81.4207	PPA-1	1.0	1.5	6.1 +	1.57	0.25	6.26	1267.	64.	1.
2619	0000	-374	37.8915	81.4211	PPA-1	1.1 +	1.6	5.1 +	1.54	0.27	5.78	1354.	65.	1.
2620	0000	-373	37.8915	81.4216	PPA-1	1.1 +	1.9 +	6.1 +	1.77	0.32	5.60	1442.	65.	1.
2621	0000	-373	37.8916	81.4220	PPA-1	1.2 +	2.0 +	6.5 +	1.71	0.31	5.44	1507.	64.	1.
2622	0000	-373	37.8916	81.4225	PPA-1	1.2 +	2.2 ++	6.4 +	1.81	0.35	5.24	1550.	61.	1.
2623	0000	-374	37.8917	81.4230	PPA-1	1.3 +	2.1 +	6.7 +	1.65	0.31	5.34	1573.	63.	1.
2624	0000	-374	37.8916	81.4234	PPA-1	1.2 +	2.1 +	6.4 +	1.75	0.33	5.29	1560.	64.	1.
2625	0000	-373	37.8916	81.4239	PPA-1	1.2 +	1.9 +	6.1 +	1.59	0.31	5.18	1525.	65.	1.
2626	0000	-372	37.8917	81.4243	PPA-1	1.1 +	1.9 +	6.0 +	1.71	0.32	5.36	1485.	61.	1.
2627	0000	-373	37.8917	81.4248	PPA-1	1.1 +	1.9 +	6.3 +	1.69	0.30	5.70	1454.	59.	1.
2628	0000	-376	37.8918	81.4252	PPA-1	1.1 +	2.0 +	5.9 +	1.91	0.34	5.62	1436.	60.	1.
2629	0000	-376	37.8917	81.4257	PPA-1	1.1 +	2.0 +	6.2 +	1.85	0.32	5.72	1469.	60.	1.
2630	0000	-374	37.8917	81.4261	PPA-1	1.1 +	2.3 ++	6.4 +	2.10	0.36	5.82	1525.	59.	1.
2631	0000	-376	37.8918	81.4266	PPA-2	1.2 -	2.3	7.1 -	1.95 +	0.32 +	6.13 +	1619.	61.	1.
2632	0000	-378	37.8918	81.4271	PPA-2	1.3	2.7 +	7.6	2.02 ++	0.35 ++	5.74	1745.	63.	1.
2633	0000	-377	37.8918	81.4275	PPA-2	1.5	2.8 +	8.3	1.84 +	0.33 +	5.55	1895.	64.	1.
2634	0000	-377	37.8919	81.4280	PPA-2	1.6	2.8 +	9.2 +	1.75 +	0.31 +	5.71	2038.	64.	2.
2635	0000	-378	37.8919	81.4284	PPA-2	1.7 +	2.7 +	9.5 ++	1.54	0.28	5.46	2123.	64.	2.
2636	0000	-379	37.8919	81.4289	PPA-2	1.8 +	2.7 +	9.4 +	1.51	0.28	5.36	2145.	64.	2.
2637	0000	-379	37.8919	81.4293	PPA-2	1.8 +	2.6 +	9.1 +	1.48	0.28	5.22	2125.	62.	2.
2638	0000	-379	37.8919	81.4298	PPA-2	1.8 +	2.7 +	8.9 +	1.54	0.31	5.04 -	2102.	60.	2.
2639	0000	-382	37.8920	81.4303	PPA-2	1.7 +	2.6 +	8.8 +	1.57	0.30	5.28	2063.	55.	2.
2640	0000	-382	37.8920	81.4307	PPA-2	1.6	2.5 +	8.8 +	1.61	0.29	5.58	1994.	55.	1.
2641	0000	-382	37.8920	81.4311	PPA-2	1.5	2.4	8.2	1.57	0.30	5.28	1909.	58.	1.
2642	0000	-384	37.8920	81.4315	PPA-2	1.4	2.6 +	8.1	1.78 +	0.32 +	5.56	1856.	55.	1.
2643	0000	-385	37.8920	81.4321	PPA-2	1.4	2.3	7.8	1.63	0.30	5.53	1778.	59.	2.
2644	0000	-385	37.8921	81.4325	PPA-2	1.4	1.9	7.5	1.43	0.26	5.53	1710.	59.	4.
2645	0000	-387	37.8921	81.4330	PPA-2	1.3 -	1.7	7.0 -	1.39	0.25	5.62	1597.	61.	4.
2646	0000	-387	37.8921	81.4335	PPA-1	1.1 +	1.3	6.2 +	1.17	0.22	5.38	1458.	65.	6.
2647	0000	-388	37.8921	81.4339	PPA-1	1.0	1.2	5.2	1.19	0.23	5.08	1316.	65.	6.
2648	0000	-390	37.8921	81.4344	PPA-1	0.9	1.1	4.3	1.21	0.25	4.88 -	1170.	65.	7.
2649	0000	-390	37.8922	81.4348	PPA-1	0.8	0.7 -	3.8 -	0.92 -	0.20 -	4.69 -	1051.	65.	6.
2650	0000	-392	37.8922	81.4353	PPA-1	0.7	0.9	3.5 -	1.33	0.26	5.15	967.	62.	5.
2651	0000	-393	37.8922	81.4357	PPA-1	0.6 -	1.0	3.3 -	1.60	0.30	5.39	894.	61.	3.
2652	0000	-395	37.8922	81.4362	PPA-1	0.6 -	1.0	3.0 --	1.71	0.33	5.16	851.	61.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-398	37.8922	81.4366	PPK	0.5 --	1.2	2.8 --	2.24 +	0.41 +	5.42	815.	59.	1.
2654	0000	-399	37.8923	81.4371	PPK	0.5 --	1.1	2.8 --	2.12 +	0.39 +	5.37	801.	58.	1.
2655	0000	-399	37.8923	81.4375	PPK	0.5 --	1.1	2.9 --	2.01 +	0.37 +	5.36	803.	59.	0.
2656	0000	-400	37.8923	81.4380	PPK	0.6 --	1.2	2.7 --	2.19 +	0.46 ++	4.77	815.	57.	1.
2657	0000	-400	37.8923	81.4384	PPK	0.6 --	1.3	2.7 --	1.99 +	0.46 ++	4.29 -	860.	59.	2.
2658	0000	-401	37.8923	81.4389	PPK	0.7 -	1.4	2.8 --	2.17 +	0.51 +++	4.22 -	888.	61.	2.
2659	0000	-402	37.8923	81.4393	PPK	0.7 -	1.5	2.9 --	2.13 +	0.53 +++	4.00 --	944.	61.	2.
2660	0000	-403	37.8924	81.4398	PPK	0.8 -	1.5	3.3 -	1.85	0.47 ++	3.92 --	1013.	61.	3.
2661	0000	-403	37.8924	81.4403	PPK	0.9	1.7	3.6 -	1.93 +	0.48 ++	4.02 --	1072.	62.	3.
2662	0000	-403	37.8924	81.4407	PPK	0.9	2.0	3.7 -	2.20 +	0.53 +++	4.13 -	1139.	59.	4.
2663	0000	-405	37.8924	81.4412	PPK	0.9	1.9	4.2 -	2.07 +	0.46 ++	4.48 -	1177.	58.	4.
2664	0000	-406	37.8924	81.4417	PPK	0.9	2.0	4.0 -	2.16 +	0.50 ++	4.28 -	1184.	58.	3.
2665	0000	-406	37.8925	81.4421	PPK	0.9	2.1	3.9 -	2.27 +	0.54 +++	4.19 -	1199.	56.	3.
2666	0000	-408	37.8925	81.4426	PPK	0.9	2.0	4.3 -	2.19 +	0.47 ++	4.70	1194.	57.	3.
2667	0000	-408	37.8925	81.4430	PPK	0.9	2.0	4.3 -	2.29 +	0.47 ++	4.87	1189.	57.	2.
2668	0000	-407	37.8925	81.4435	PPK	0.9	2.0	4.4 -	2.36 +	0.46 ++	5.07	1183.	58.	2.
2669	0000	-408	37.8925	81.4439	PPK	0.8 -	2.0	4.4 -	2.45 +	0.47 ++	5.24	1166.	59.	1.
2670	0000	-408	37.8926	81.4444	PPK	0.8 -	2.1	4.0 -	2.53 +	0.52 +++	4.85	1155.	64.	1.
2671	0000	-409	37.8926	81.4448	PPK	0.8 -	1.9	4.5 -	2.34 +	0.43 +	5.46	1166.	63.	1.
2672	0000	-411	37.8927	81.4453	PPK	0.9	1.7	4.7	2.04 +	0.37 +	5.53	1171.	61.	1.
2673	0000	-412	37.8927	81.4457	PPK	0.9	1.6	4.5 -	1.86	0.36 +	5.11	1175.	61.	1.
2674	0000	-413	37.8927	81.4462	PPK	0.9	1.6	4.5 -	1.85	0.37 +	5.05	1154.	65.	1.
2675	0000	-415	37.8927	81.4466	PPK	0.8 -	1.5	4.1 -	1.84	0.38 +	4.87	1129.	63.	2.
2676	0000	-416	37.8927	81.4471	PPK	0.9	1.4	4.0 -	1.60	0.35 +	4.51 -	1119.	62.	3.
2677	0000	-416	37.8927	81.4475	PPK	0.9	1.3	4.3 -	1.41	0.31	4.57 -	1156.	61.	4.
2678	0000	-415	37.8927	81.4480	PPK	1.0	1.2	4.6 -	1.23	0.27	4.60 -	1214.	60.	5.
2679	0000	-416	37.8927	81.4485	PPK	1.1	1.3	4.9	1.12	0.26	4.26 -	1309.	61.	5.
2680	0000	-418	37.8928	81.4489	PPK	1.2	1.4	5.2	1.14	0.27	4.29 -	1396.	62.	5.
2681	0000	-420	37.8928	81.4494	PPK	1.3	1.3	5.7	1.05	0.23	4.55 -	1474.	58.	5.
2682	0000	-420	37.8928	81.4499	PPK	1.3	1.5	5.8	1.15	0.26	4.33 -	1525.	58.	4.
2683	0000	-420	37.8929	81.4503	PPK	1.4	1.6	6.2	1.13	0.25	4.48 -	1582.	59.	3.
2684	0000	-420	37.8929	81.4507	PPK	1.4	1.6	6.5	1.19	0.25	4.82	1591.	59.	2.
2685	0000	-423	37.8929	81.4512	PPK	1.3	1.7	6.6	1.26	0.25	4.97	1585.	59.	1.
2686	0000	-424	37.8929	81.4517	PPK	1.2	1.7	6.9	1.33	0.24	5.54	1552.	58.	1.
2687	0000	-424	37.8929	81.4521	PPK	1.3	1.5	6.4	1.23	0.24	5.10	1544.	55.	2.
2688	0000	-424	37.8930	81.4526	PPK	1.3	1.6	6.4	1.19	0.24	4.87	1558.	55.	2.
2689	0000	-426	37.8930	81.4530	PPK	1.4	1.6	6.5	1.15	0.25	4.65 -	1620.	56.	4.
2690	0000	-427	37.8930	81.4535	PPK	1.4 +	1.2	6.4	0.86 -	0.19	4.47 -	1692.	56.	6.
2691	0000	-428	37.8930	81.4539	PPK	1.5 +	1.3	6.7	0.85 -	0.19	4.50 -	1752.	54.	8.
2692	0000	-428	37.8930	81.4544	PPK	1.5 +	1.2	6.5	0.80 -	0.19 -	4.31 -	1781.	51.	9.
2693	0000	-428	37.8931	81.4548	PPK	1.5 +	1.2	6.3	0.75 -	0.18 -	4.10 -	1779.	51.	11.
2694	0000	-429	37.8931	81.4553	PPK	1.5 +	0.9 -	6.6	0.65 --	0.14 -	4.51 -	1719.	54.	12.
2695	0000	-430	37.8931	81.4558	PPK	1.4	0.9 -	6.0	0.65 --	0.15 -	4.39 -	1662.	55.	13.
2696	0000	-431	37.8931	81.4562	PPK	1.3	0.6 --	5.9	0.51 ---	0.11 -	4.70	1581.	54.	13.
2697	0000	-433	37.8931	81.4566	PPK	1.2	0.7 --	5.9	0.62 --	0.13 -	4.92	1469.	51.	13.
2698	0000	-433	37.8932	81.4571	PPK	1.1	0.6 --	5.5	0.57 --	0.12 -	4.89	1382.	51.	13.
2699	0000	-433	37.8932	81.4576	PPK	1.1	0.6 --	5.4	0.58 --	0.12 -	5.02	1333.	52.	13.
2700	0000	-433	37.8932	81.4581	PPK	1.1	0.7 --	6.0	0.64 --	0.11 -	5.70	1342.	50.	12.
2701	0000	-433	37.8932	81.4585	PPK	1.0	1.2	5.9	1.16	0.21	5.61	1377.	49.	11.
2702	0000	-435	37.8932	81.4590	PPK	1.1	1.3	6.3	1.18	0.20	5.80	1407.	48.	10.
2703	0000	-436	37.8932	81.4594	PPK	1.1	1.3	6.6	1.14	0.19	5.89	1432.	47.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 - APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-436	37.8933	81.4599	PPK	1.1	1.4	6.4	1.23	0.21	5.82	1434.	49.	8.
2705	0000	-438	37.8933	81.4603	PPK	1.1	1.5	6.7	1.32	0.22	6.09	1460.	48.	7.
2706	0000	-440	37.8934	81.4608	PPK	1.1	1.6	6.2	1.44	0.25	5.70	1473.	49.	6.
2707	0000	-441	37.8934	81.4612	PPK	1.1	1.8	5.2	1.67	0.34	4.87	1481.	49.	7.
2708	0000	-441	37.8933	81.4617	PPK	1.1	1.6	5.3	1.42	0.29	4.86	1485.	49.	8.
2709	0000	-443	37.8934	81.4622	PPK	1.1	1.5	5.6	1.43	0.28	5.18	1500.	46.	8.
2710	0000	-444	37.8934	81.4626	PPK	1.1	1.7	5.8	1.52	0.29	5.20	1548.	46.	8.
2711	0000	-444	37.8935	81.4630	PPK	1.2	1.7	6.1	1.46	0.28	5.23	1623.	45.	10.
2712	0000	-444	37.8935	81.4635	PPK	1.2	1.7	6.4	1.35	0.26	5.13	1682.	46.	11.
2713	0000	-445	37.8934	81.4640	PPK	1.4	1.6	6.9	1.15	0.23	5.01	1752.	45.	12.
2714	0000	-448	37.8935	81.4644	PPK	1.4 +	1.5	7.7 +	1.03	0.19	5.35	1819.	44.	11.
2715	0000	-449	37.8935	81.4648	PPK	1.5 +	1.6	7.6 +	1.11	0.22	5.16	1868.	46.	12.
2716	0000	-449	37.8935	81.4653	PPK	1.5 +	1.8	7.3	1.23	0.25	4.89	1904.	47.	12.
2717	0000	-450	37.8936	81.4658	PPK	1.5 +	1.9	7.3	1.26	0.26	4.93	1916.	47.	11.
2718	0000	-450	37.8936	81.4663	PPK	1.5 +	1.8	7.7 +	1.19	0.23	5.21	1913.	48.	10.
2719	0000	-451	37.8936	81.4667	PPK	1.5 +	1.8	7.9 +	1.19	0.22	5.34	1914.	47.	9.
2720	0000	-452	37.8936	81.4672	PPK	1.3	2.0	8.1 +	1.54	0.25	6.14	1883.	48.	8.
2721	0000	-453	37.8936	81.4677	PPK	1.2	2.0	7.7 +	1.65	0.26	6.29 +	1799.	49.	8.
2722	0000	-456	37.8936	81.4682	PPK	1.2	1.8	8.0 +	1.53	0.22	6.88 +	1735.	46.	6.
2723	0000	-457	37.8936	81.4686	PPK	1.1	1.6	8.1 +	1.43	0.20	7.23 ++	1664.	47.	6.
2724	0000	-456	37.8936	81.4692	PPK	1.1	1.5	7.9 +	1.35	0.19 -	7.31 ++	1609.	48.	6.
2725	0000	-458	37.8936	81.4696	PPK	1.0	1.8	7.0	1.78	0.26	6.79 +	1585.	48.	5.
2726	0000	-461	37.8935	81.4701	PPK	1.0	2.3 +	6.5	2.26 +	0.36 +	6.31 +	1565.	49.	5.
2727	0000	-460	37.8935	81.4706	PPK	1.1	2.3 +	6.3	2.17 +	0.37 +	5.89	1553.	50.	5.
2728	0000	-460	37.8935	81.4710	PPK	1.1	2.2	6.5	1.88	0.33	5.68	1568.	52.	5.
2729	0000	-461	37.8935	81.4715	PPK	1.2	2.4 +	6.4	2.03 +	0.37 +	5.46	1566.	53.	5.
2730	0000	-463	37.8936	81.4719	PPK	1.2	2.2 +	6.3	1.89	0.36 +	5.30	1561.	54.	5.
2731	0000	-465	37.8936	81.4725	PPK	1.2	2.3 +	6.0	1.99 +	0.38 +	5.22	1539.	53.	6.
2732	0000	-466	37.8936	81.4729	PPK	1.1	2.1	6.2	1.85	0.34	5.51	1503.	53.	6.
2733	0000	-466	37.8936	81.4734	PPK	1.1	1.7	5.9	1.56	0.29	5.40	1459.	53.	6.
2734	0000	-469	37.8936	81.4739	PPK	1.1	1.6	5.7	1.50	0.28	5.27	1424.	52.	7.
2735	0000	-470	37.8936	81.4743	PPK	1.0	1.5	5.3	1.48	0.29	5.19	1406.	49.	8.
2736	0000	-470	37.8936	81.4748	PPK	1.0	1.4	5.3	1.39	0.27	5.16	1422.	50.	9.
2737	0000	-472	37.8936	81.4753	PPK	1.1	1.7	5.6	1.63	0.30	5.35	1479.	50.	8.
2738	0000	-475	37.8936	81.4758	PPK	1.1	1.6	6.3	1.39	0.25	5.48	1548.	49.	9.
2739	0000	-475	37.8936	81.4762	PPK	1.2	1.7	6.3	1.43	0.28	5.19	1592.	50.	8.
2740	0000	-475	37.8936	81.4767	PPK	1.2	1.6	6.6	1.30	0.24	5.40	1614.	51.	9.
2741	0000	-477	37.8936	81.4772	PPK	1.2	1.4	7.0	1.13	0.20	5.77	1602.	54.	9.
2742	0000	-478	37.8936	81.4777	PPK	1.2	1.7	6.7	1.41	0.25	5.72	1583.	54.	9.
2743	0000	-479	37.8936	81.4782	PPK	1.1	1.6	7.1	1.38	0.22	6.15	1567.	53.	9.
2744	0000	-481	37.8936	81.4786	PPK	1.1	1.5	6.4	1.34	0.24	5.66	1542.	51.	8.
2745	0000	-483	37.8936	81.4792	PPK	1.0	1.7	5.7	1.60	0.29	5.43	1504.	52.	8.
2746	0000	-482	37.8936	81.4796	PPK	1.0	1.6	5.7	1.58	0.27	5.80	1462.	51.	8.
2747	0000	-482	37.8936	81.4801	PPK	0.9	1.5	5.4	1.63	0.29	5.71	1422.	49.	8.
2748	0000	-484	37.8936	81.4805	PPK	0.9	1.6	4.6 -	1.75	0.34	5.12	1394.	47.	9.
2749	0000	-484	37.8936	81.4810	PPK	0.9	1.6	4.7	1.72	0.34	5.09	1360.	48.	7.
2750	0000	-483	37.8936	81.4814	PPK	0.9	1.4	4.3 -	1.56	0.34	4.66 -	1314.	50.	7.
2751	0000	-485	37.8936	81.4819	PPK	0.9	1.3	4.0 -	1.47	0.33	4.44 -	1247.	52.	7.
2752	0000	-487	37.8936	81.4825	PPK	0.9	1.3	4.1 -	1.43	0.32	4.53 -	1200.	51.	6.
2753	0000	-488	37.8936	81.4829	PPK	0.9	1.2	4.2 -	1.40	0.28	4.92	1190.	51.	5.
2754	0000	-489	37.8936	81.4834	PPK	0.9	1.5	4.4	1.78	0.35	5.14	1201.	54.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-490	37.8936	81.4839	PPK	1.0	1.8	4.4 -	1.88	0.41 +	4.62 -	1257.	55.	3.
2756	0000	-491	37.8937	81.4843	PPK	1.0	1.9	5.0	1.89	0.38 +	5.00	1313.	54.	3.
2757	0000	-492	37.8937	81.4848	PPK	1.0	2.2	5.0	2.08 +	0.43 +	4.83	1362.	53.	2.
2758	0000	-492	37.8937	81.4853	PPK	1.1	2.2 +	5.5	2.03 +	0.40 +	5.11	1401.	53.	2.
2759	0000	-492	37.8937	81.4857	PPK	1.1	2.1	5.8	1.89	0.37 +	5.12	1427.	57.	2.
2760	0000	-493	37.8936	81.4863	PPK	1.2	2.1	5.5	1.84	0.39 +	4.76	1417.	56.	3.
2761	0000	-495	37.8936	81.4867	PPK	1.2	1.8	5.6	1.51	0.31	4.82	1389.	56.	4.
2762	0000	-496	37.8936	81.4872	PPK	1.0	1.5	5.7	1.41	0.26	5.50	1324.	58.	6.
2763	0000	-496	37.8936	81.4877	PPK	1.0	1.2	4.9	1.17	0.24	4.86	1247.	59.	7.
2764	0000	-496	37.8936	81.4881	PPK	0.9	1.1	4.8	1.19	0.23	5.19	1186.	59.	8.
2765	0000	-497	37.8936	81.4886	PPK	0.9	1.0 -	4.5 -	1.07	0.21	5.03	1141.	57.	9.
2766	0000	-499	37.8936	81.4890	PPK	0.8 -	1.1	4.1 -	1.32	0.26	5.03	1105.	57.	10.
2767	0000	-499	37.8936	81.4896	PPK	0.9	1.0 -	4.0 -	1.11	0.24	4.74	1103.	56.	10.
2768	0000	-499	37.8936	81.4900	PPK	0.9	0.9 -	4.0 -	1.11	0.24	4.64 -	1096.	57.	10.
2769	0000	-501	37.8937	81.4905	PPK	0.9	1.0 -	3.8 -	1.22	0.27	4.42 -	1092.	54.	9.
2770	0000	-502	37.8937	81.4910	PPK	0.8 -	1.1	4.0 -	1.29	0.27	4.74	1094.	55.	8.
2771	0000	-502	37.8937	81.4914	PPK	0.9	1.1	3.9 -	1.28	0.28	4.49 -	1095.	56.	8.
2772	0000	-504	37.8937	81.4919	PPK	0.9	1.2	3.9 -	1.45	0.32	4.51 -	1099.	58.	6.
2773	0000	-504	37.8937	81.4924	PPK	0.9	1.2	3.7 -	1.32	0.33	4.06 --	1113.	56.	6.
2774	0000	-506	37.8937	81.4929	PPK	0.9	1.5	3.6 -	1.69	0.41 +	4.16 -	1119.	59.	5.
2775	0000	-509	37.8937	81.4933	PPK	0.9	1.4	3.8 -	1.60	0.39 +	4.16 -	1134.	59.	4.
2776	0000	-509	37.8937	81.4939	PPK	0.9	1.6	4.0 -	1.79	0.39 +	4.63 -	1138.	59.	4.
2777	0000	-508	37.8937	81.4943	PPK	0.8	1.6	4.3 -	1.86	0.37 +	5.05	1139.	60.	4.
2778	0000	-509	37.8937	81.4948	PPK	0.8 -	1.4	4.2 -	1.80	0.34	5.24	1136.	59.	5.
2779	0000	-510	37.8937	81.4953	PPK	0.8 -	1.5	4.2 -	1.86	0.35	5.35	1136.	58.	5.
2780	0000	-510	37.8937	81.4957	PPK	0.7 -	1.5	4.9	2.00 +	0.31	6.52 +	1141.	59.	5.
2781	0000	-512	37.8937	81.4962	PPK	0.7 -	1.4	5.2	1.93 +	0.27	7.05 +	1152.	59.	6.
2782	0000	-513	37.8937	81.4967	PPK	0.7 -	1.7	4.9	2.45 +	0.35 +	6.90 +	1184.	57.	6.
2783	0000	-512	37.8937	81.4972	PPK	0.8 -	1.5	5.2	1.78	0.28	6.30 +	1241.	58.	7.
2784	0000	-513	37.8937	81.4976	PPK	0.9	1.8	5.0	2.00 +	0.35 +	5.64	1280.	58.	6.
2785	0000	-515	37.8937	81.4981	PPK	0.9	1.9	5.2	2.09 +	0.37 +	5.65	1319.	56.	6.
2786	0000	-514	37.8937	81.4987	PPK	1.0	1.8	5.3	1.83	0.33	5.48	1331.	56.	6.
2787	0000	-516	37.8937	81.4991	PPK	1.0	1.6	5.0	1.54	0.31	4.93	1320.	54.	7.
2788	0000	-517	37.8937	81.4996	PPK	1.0	1.5	4.9	1.47	0.31	4.79	1312.	52.	7.
2789	0000	-516	37.8937	81.5000	PPK	1.0	1.2	5.4	1.16	0.22	5.30	1288.	52.	8.
2790	0000	-517	37.8937	81.5005	PPK	1.0	1.3	4.7	1.30	0.28	4.70	1291.	51.	8.
2791	0000	-518	37.8937	81.5010	PPK	1.1	0.9 -	5.2	0.87 -	0.18 -	4.90	1332.	50.	10.
2792	0000	-517	37.8937	81.5014	PPK	1.1	0.9 -	5.4	0.81 -	0.17 -	4.90	1390.	53.	10.
2793	0000	-517	37.8937	81.5019	PPK	1.2	1.1	5.8	0.96 -	0.19	5.04	1469.	51.	10.
2794	0000	-518	37.8937	81.5024	PPK	1.1	1.2	6.1	1.04	0.19	5.40	1527.	54.	10.
2795	0000	-518	37.8938	81.5029	PPK	1.2	1.2	5.8	1.03	0.20	5.07	1551.	54.	10.
2796	0000	-518	37.8938	81.5034	PPK	1.2	1.2	6.0	0.99 -	0.20	5.02	1563.	53.	10.
2797	0000	-520	37.8937	81.5039	PPK	1.1	1.2	6.0	1.09	0.20	5.36	1513.	53.	10.
2798	0000	-522	37.8937	81.5043	PPK	1.0	1.4	5.6	1.32	0.25	5.36	1437.	54.	9.
2799	0000	-522	37.8937	81.5048	PPK	1.0	1.3	5.1	1.31	0.25	5.18	1350.	54.	8.
2800	0000	-521	37.8937	81.5052	PPK	0.9	1.0 -	4.9	1.11	0.21	5.28	1287.	54.	9.
2801	0000	-523	37.8937	81.5058	PPK	0.9	0.9 -	4.4 -	1.01	0.21	4.72	1235.	53.	10.
2802	0000	-524	37.8937	81.5061	PPK	0.9	1.1	4.7	1.30	0.24	5.48	1210.	51.	10.
2803	0000	-523	37.8937	81.5067	PPK	0.8 -	1.3	4.0 -	1.53	0.31	4.91	1194.	51.	9.
2804	0000	-522	37.8937	81.5072	PPK	0.8 -	1.2	4.2 -	1.47	0.29	5.02	1199.	52.	10.
2805	0000	-523	37.8937	81.5076	PPK	0.8 -	1.1	4.1 -	1.37	0.28	4.87	1201.	54.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-524	37.8937	81.5081		PPK	0.8 -	1.2	4.4 -	1.43	0.27	5.26	1199.	52.	10.
2807	0000	-524	37.8937	81.5085		PPK	0.8 -	1.5	3.9 -	1.91	0.38 +	5.06	1154.	54.	10.
2808	0000	-525	37.8938	81.5091		PPK	0.7 -	1.5	4.1 -	2.16 +	0.36 +	5.93	1127.	52.	9.
2809	0000	-524	37.8938	81.5095		PPK	0.7 -	1.1	4.0 -	1.57	0.29	5.47	1092.	54.	9.
2810	0000	-524	37.8938	81.5100		PPK	0.7 -	0.9 -	4.1 -	1.37	0.23	6.01	1063.	53.	9.
2811	0000	-525	37.8938	81.5105		PPK	0.6 --	0.8 -	4.3 -	1.31	0.20	6.59 +	1039.	50.	9.
2812	0000	-525	37.8938	81.5109		PPK	0.6 --	1.0 -	4.4 -	1.51	0.22	6.90 +	1036.	50.	8.
2813	0000	-525	37.8938	81.5114		PPK	0.6 --	1.0 -	4.3 -	1.63	0.25	6.66 +	1032.	51.	8.
2814	0000	-527	37.8938	81.5119		PPK	0.6 -	0.8 -	4.5 -	1.23	0.18 -	6.90 +	1051.	51.	8.
2815	0000	-527	37.8938	81.5124		PPK	0.7 -	0.8 -	4.5 -	1.22	0.19 -	6.59 +	1066.	52.	8.
2816	0000	-527	37.8938	81.5128		PPK	0.7 -	0.9 -	4.4 -	1.30	0.20	6.59 +	1103.	51.	8.
2817	0000	-528	37.8938	81.5134		PPK	0.8 -	1.1 -	4.2 -	1.41	0.25	5.65	1133.	52.	9.
2818	0000	-528	37.8938	81.5138		PPK	0.9	1.2	4.4 -	1.39	0.27	5.19	1184.	52.	9.
2819	0000	-529	37.8938	81.5143		PPK	0.9	1.2	4.3 -	1.35	0.29	4.67 -	1235.	51.	10.
2820	0000	-530	37.8938	81.5147		PPK	0.9	1.1	4.7 -	1.15	0.23	4.91	1292.	51.	10.
2821	0000	-530	37.8938	81.5152		PPA-1	1.1 +	1.1	5.0	1.05 -	0.22	4.73 -	1356.	50.	11.
2822	0000	-530	37.8938	81.5157		PPA-1	1.2 +	1.3	5.3	1.11 -	0.24	4.53 -	1426.	50.	10.
2823	0000	-532	37.8938	81.5162		PPA-1	1.2 +	1.5	5.8	1.27	0.26	4.82 -	1460.	50.	9.
2824	0000	-533	37.8938	81.5167		PPA-1	1.2 +	1.4	5.9 +	1.18	0.24	4.91 -	1489.	50.	9.
2825	0000	-532	37.8938	81.5171		PPK	1.3	1.3	5.6	1.00	0.23	4.38 -	1498.	53.	8.
2826	0000	-533	37.8938	81.5176		PPK	1.3	1.4	6.3	1.04	0.22	4.72	1522.	55.	7.
2827	0000	-533	37.8938	81.5181		PPK	1.4	1.5	6.1	1.09	0.24	4.49 -	1523.	54.	6.
2828	0000	-532	37.8938	81.5186		PPK	1.3	1.6	5.9	1.22	0.28	4.41 -	1487.	52.	6.
2829	0000	-532	37.8938	81.5190		PPK	1.2	1.6	5.5	1.33	0.30	4.48 -	1434.	51.	6.
2830	0000	-534	37.8938	81.5195		PPK	1.2	1.5	4.8	1.21	0.31	3.91 --	1397.	49.	7.
2831	0000	-536	37.8938	81.5200		PPK	1.2	1.5	4.6 -	1.25	0.32	3.90 --	1379.	48.	8.
2832	0000	-535	37.8938	81.5205		PPK	1.1	1.7	4.6 -	1.55	0.36 +	4.30 -	1369.	46.	9.
2833	0000	-533	37.8938	81.5209		PPK	1.1	1.5	4.6 -	1.39	0.33	4.25 -	1375.	44.	11.
2834	0000	-535	37.8939	81.5214		PPK	1.1	1.4	4.9	1.27	0.28	4.47 -	1416.	41.	12.
2835	0000	-535	37.8938	81.5219		PPK	1.2	1.2	5.6	0.95 -	0.21	4.57 -	1498.	41.	14.
2836	0000	-535	37.8938	81.5223		PPK	1.3	0.9 -	6.2	0.72 --	0.15 -	4.71	1554.	42.	15.
2837	0000	-536	37.8938	81.5229		PPK	1.3	0.9 -	6.7	0.66 --	0.13 -	5.07	1572.	44.	15.
2838	0000	-536	37.8938	81.5233		PPK	1.4	0.8 -	6.9	0.63 --	0.12 -	5.09	1600.	44.	15.
2839	0000	-536	37.8938	81.5238		PPK	1.4	0.6 --	7.4	0.42 ---	0.08 --	5.36	1621.	45.	15.
2840	0010	-537	37.8938	81.5243		PPK	1.4	0.4 N.A.	7.4	0.31 N.A.	0.06 N.A.	5.39	1619.	46.	14.
2841	0010	-538	37.8938	81.5247		PPK	1.3	0.6 N.A.	7.6 +	0.44 N.A.	0.08 N.A.	5.72	1629.	47.	13.
2842	0000	-537	37.8938	81.5252		PPK	1.3	0.8 -	7.9 +	0.67 --	0.11 -	6.21	1645.	47.	12.
2843	0000	-537	37.8938	81.5256		PPK	1.4	1.0 -	8.0 +	0.74 -	0.13 -	5.82	1710.	50.	11.
2844	1000	-537	37.8938	81.5262		PPK	1.6 +	1.1	8.2 +	0.67 --	0.13 -	5.03	1809.	49.	11.
2845	1000	-537	37.8938	81.5266		PPK	1.6 +	1.6	9.0 ++	0.98 -	0.18 -	5.55	1902.	50.	10.
2846	1000	-538	37.8938	81.5271		PPK	1.8 +	1.9	8.8 +	1.07	0.21	5.03	1983.	49.	10.
2847	1000	-539	37.8938	81.5276		PPK	1.7 +	2.0	9.5 ++	1.16	0.21	5.46	2056.	48.	10.
2848	1000	-539	37.8939	81.5281		PPK	1.8 +	2.2	9.4 ++	1.23	0.23	5.34	2032.	49.	10.
2849	1000	-539	37.8939	81.5287		PPK	1.7 +	2.0	8.8 +	1.17	0.23	5.06	1977.	48.	10.
2850	1000	-540	37.8939	81.5292		PPK	1.5 +	2.3 +	8.0 +	1.45	0.28	5.17	1899.	46.	9.
2851	1000	-540	37.8939	81.5296		PPK	1.3	2.5 +	7.7 +	1.98 +	0.33	5.97	1811.	45.	9.
2852	0000	-540	37.8939	81.5302		PPK	1.3	2.4 +	7.0	1.91	0.34	5.57	1702.	44.	7.
2853	0000	-541	37.8939	81.5307		PPK	1.0	2.5 +	6.7	2.40 +	0.38 +	6.40 +	1603.	45.	7.
2854	0000	-543	37.8939	81.5312		PPK	1.0	2.5 +	5.8	2.48 +	0.44 ++	5.68	1509.	43.	5.
2855	0000	-544	37.8939	81.5317		PPK	1.0	2.2 +	5.8	2.14 +	0.38 +	5.60	1476.	44.	4.
2856	0000	-544	37.8939	81.5322		PPK	1.0	2.2 +	5.6	2.21 +	0.39 +	5.61	1460.	46.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-544	37.8939	81.5327		PPK	1.1	2.0	6.0	1.85	0.33	5.56	1465.	45.	2.
2858	0000	-543	37.8939	81.5332		PPK	1.2	1.9	6.1	1.63	0.31	5.18	1499.	47.	2.
2859	0000	-542	37.8939	81.5337		PPK	1.2	1.9	6.4	1.59	0.30	5.27	1539.	47.	2.
2860	0000	-540	37.8939	81.5342		PPK	1.3	1.6	6.5	1.27	0.25	5.03	1571.	47.	2.
2861	0000	-539	37.8939	81.5347		PPK	1.3	1.6	6.7	1.27	0.25	5.15	1576.	49.	2.
2862	0000	-541	37.8939	81.5352		PPK	1.3	1.7	6.4	1.30	0.27	4.92	1574.	49.	2.
2863	0000	-540	37.8939	81.5358		PPK	1.3	1.9	6.4	1.51	0.30	5.03	1569.	49.	2.
2864	0000	-540	37.8938	81.5363		PPK	1.2	1.9	6.2	1.55	0.31	5.06	1527.	48.	2.
2865	0000	-541	37.8939	81.5368		PPK	1.2	1.7	6.2	1.48	0.27	5.38	1468.	47.	2.
2866	0000	-538	37.8939	81.5374		PPK	1.1	1.5	5.9	1.34 -	0.25	5.34	1406.	47.	2.
2867	0000	-536	37.8939	81.5378		PPK	1.0	1.5	5.7	1.45	0.26	5.59	1340.	47.	2.
2868	0000	-540	37.8939	81.5383		PPK	0.9	1.6	5.4	1.68	0.30	5.71	1305.	46.	2.
2869	0000	-540	37.8939	81.5389		PPK	0.9	1.7	5.3	1.87	0.32	5.78	1278.	46.	2.
2870	0000	-537	37.8939	81.5394		PPK	0.9	1.6	5.0	1.83	0.32	5.79	1243.	47.	3.
2871	0000	-538	37.8939	81.5399		PPK	0.8 -	1.6	5.0	1.98 +	0.32	6.20	1232.	47.	3.
2872	0000	-540	37.8939	81.5404		PPK	0.8 -	1.7	4.7	2.15 +	0.35 +	6.08	1213.	48.	5.
2873	0000	-539	37.8939	81.5409		PPK	0.8 -	1.5	4.4 -	1.96 +	0.35	5.63	1185.	50.	6.
2874	0000	-537	37.8939	81.5414		PPK	0.8 -	1.6	4.3 -	2.03 +	0.37 +	5.53	1182.	50.	7.
2875	0000	-535	37.8939	81.5419		PPK	0.8 -	1.4	4.0 -	1.72	0.34	5.12	1155.	48.	8.
2876	0000	-534	37.8939	81.5424		PPK	0.8 -	1.3	4.0 -	1.76	0.33	5.35	1129.	50.	9.
2877	0000	-536	37.8939	81.5429		PPK	0.7 -	1.4	4.0 -	1.91	0.35	5.54	1105.	48.	9.
2878	0000	-537	37.8939	81.5434		PPK	0.7 -	1.3	3.8 -	1.75	0.34	5.18	1072.	48.	9.
2879	0000	-536	37.8939	81.5440		PPK	0.7 -	1.2	3.9 -	1.79	0.31	5.68	1044.	49.	8.
2880	0000	-535	37.8939	81.5444		PPK	0.6 --	1.3	3.9 -	1.96 +	0.33	5.98	1020.	48.	7.
2881	0000	-536	37.8939	81.5450		PPK	0.6 --	1.1	3.7 -	1.93 +	0.31	6.26 +	976.	51.	6.
2882	0000	-536	37.8939	81.5455		PPA-1	0.6 -	1.1	3.6 -	2.01	0.31	6.52	946.	53.	5.
2883	0000	-535	37.8939	81.5460		PPA-1	0.5 -	1.1	3.5 -	2.11	0.33	6.47	919.	54.	4.
2884	0000	-535	37.8939	81.5465		PPA-1	0.5 -	1.1	3.4 -	1.99	0.31	6.40	904.	54.	4.
2885	0000	-533	37.8939	81.5471		PPA-1	0.5 -	1.0	3.4 -	1.94	0.30	6.52	900.	55.	4.
2886	0000	-532	37.8939	81.5475		PPA-1	0.5 -	1.1	3.1 -	2.03	0.33	6.09	900.	55.	5.
2887	0000	-532	37.8939	81.5480		PPA-1	0.5 -	1.1	3.1 -	2.07	0.36	5.72	913.	57.	5.
2888	0000	-533	37.8939	81.5486		PPA-1	0.6 -	1.1	3.3 -	1.96	0.33	5.88	927.	56.	5.
2889	0000	-533	37.8939	81.5491		PPA-1	0.5 -	1.2	3.4 -	2.24 +	0.36	6.25	943.	56.	5.
2890	0000	-533	37.8939	81.5496		PPA-1	0.6 -	1.2	3.6 -	2.09	0.33	6.41	962.	56.	5.
2891	0000	-533	37.8939	81.5501		PPA-1	0.6 -	1.2	3.8	1.96	0.31	6.38	986.	56.	5.
2892	0000	-534	37.8939	81.5506		PPA-1	0.6	1.2	3.9	1.91	0.30	6.27	1014.	55.	5.
2893	0000	-534	37.8939	81.5511		PPA-1	0.6	1.4	3.9	2.22 +	0.36 + -	6.10	1047.	53.	4.
2894	0000	-533	37.8939	81.5516		PPA-1	0.7	1.4	4.5	1.94	0.31	6.36	1084.	51.	5.
2895	0000	-532	37.8939	81.5521		PPA-1	0.7	1.7	4.1	2.40 +	0.41 +	5.80	1125.	50.	5.
2896	0000	-532	37.8939	81.5526		PPA-1	0.8	1.7	4.4	2.21 +	0.39 +	5.69	1166.	49.	5.
2897	0000	-532	37.8939	81.5532		PPA-1	0.8	1.8 +	4.6	2.22 +	0.39 +	5.68	1207.	48.	5.
2898	0000	-531	37.8939	81.5537		PPA-1	0.9	1.9 +	4.7	2.17	0.40 +	5.41	1234.	49.	5.
2899	0000	-530	37.8939	81.5542		PPA-1	0.9	1.9 +	4.8	2.14	0.39 +	5.43	1264.	50.	6.
2900	0000	-531	37.8939	81.5547		PPA-1	1.0	1.6	5.4	1.65	0.30	5.45	1300.	50.	6.
2901	0000	-532	37.8939	81.5552		PPA-1	1.0	1.8 +	5.3	1.79	0.33	5.36	1322.	52.	5.
2902	0000	-529	37.8939	81.5558		PPA-1	1.1 +	1.5	5.9 +	1.39	0.25	5.57	1340.	55.	5.
2903	0000	-527	37.8939	81.5562		PPA-1	1.1 +	1.5	5.9 +	1.40	0.26	5.40	1330.	56.	5.
2904	0000	-527	37.8939	81.5567		PPA-1	1.1 +	1.4	5.8	1.32	0.25	5.31	1316.	57.	5.
2905	0000	-525	37.8939	81.5573		PPA-1	1.0 +	1.4	5.8	1.32	0.24	5.49	1314.	58.	5.
2906	0000	-524	37.8939	81.5578		PPA-1	1.0	1.4	6.2 +	1.30	0.22	5.95	1323.	58.	6.
2907	0000	-525	37.8939	81.5583		PPA-1	1.0	1.5	5.8	1.53	0.25	6.03	1315.	58.	7.

FLIGHT LINE 40, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-524	37.8939	81.5588	PPA-1	0.9	1.3	6.0 +	1.43	0.22	6.40	1303.	57.	7.
2909	0000	-523	37.8939	81.5593	PPK	0.9	1.6	5.9	1.80	0.28	6.53 +	1318.	55.	7.
2910	0000	-523	37.8939	81.5598	PPK	0.9	1.8	5.9	2.02 +	0.30	6.53 +	1341.	56.	7.
2911	0000	-522	37.8939	81.5603	PPK	0.9	1.9	5.8	2.05 +	0.33	6.29 +	1371.	54.	6.
2912	0000	-522	37.8939	81.5609	PPK	0.9	1.9	6.0	2.03 +	0.32	6.35 +	1402.	54.	6.
2913	0000	-522	37.8939	81.5613	PPK	1.0	1.9	5.8	1.97 +	0.33	5.89	1412.	51.	4.
2914	0000	-522	37.8939	81.5619	PPK	1.0	1.8	6.1	1.69	0.29	5.81	1423.	54.	3.
2915	0000	-521	37.8939	81.5624	PPK	1.1	2.0	5.9	1.89	0.34	5.53	1429.	55.	3.
2916	0000	-521	37.8939	81.5629	PPK	1.1	1.8	6.0	1.64	0.30	5.54	1414.	56.	3.
2917	0000	-521	37.8939	81.5634	PPK	1.1	1.6	6.0	1.46	0.27	5.42	1393.	54.	4.
2918	0000	-521	37.8939	81.5640	PPK	1.0	1.6	6.0	1.59	0.27	5.86	1374.	54.	4.
2919	0000	-521	37.8939	81.5644	PPK	1.0	1.7	5.8	1.69	0.28	5.95	1345.	53.	4.
2920	0000	-521	37.8939	81.5649	PPK	0.9	1.9	5.6	2.15 +	0.34	6.22 +	1312.	53.	4.
2921	0000	-520	37.8939	81.5654	PPK	0.9	1.9	5.6	2.11 +	0.32	6.51 +	1302.	54.	5.
2922	0000	-519	37.8939	81.5660	PPK	0.9	1.8	5.8	2.04 +	0.31	6.52 +	1325.	53.	5.
2923	0000	-519	37.8939	81.5665	PPK	0.9	1.8	5.8	2.03 +	0.31	6.59 +	1349.	53.	6.
2924	0000	-518	37.8939	81.5670	PPK	0.9	1.9	6.3	2.00 +	0.30	6.67 +	1420.	56.	6.
2925	0000	-517	37.8939	81.5675	PPK	1.0	2.0	6.8	1.91	0.29	6.62 +	1478.	54.	5.
2926	0000	-516	37.8939	81.5680	PPK	1.2	2.2 +	6.6	1.88	0.33	5.73	1537.	52.	6.
2927	0000	-516	37.8939	81.5685	PPK	1.2	2.0	7.0	1.62	0.28	5.74	1572.	51.	6.
2928	0000	-517	37.8939	81.5690	PPK	1.2	2.3 +	6.8	1.97 +	0.34	5.73	1567.	52.	6.
2929	0000	-516	37.8939	81.5695	PPK	1.1	2.1	6.7	1.85	0.32	5.83	1532.	53.	5.
2930	0000	-514	37.8939	81.5701	PPK	1.1	2.2 +	6.6	1.98 +	0.34	5.80	1494.	50.	4.
2931	0000	-513	37.8939	81.5706	PPK	1.1	2.2 +	6.0	2.04 +	0.37 +	5.54	1434.	50.	3.
2932	0000	-513	37.8939	81.5711	PPK	1.0	2.1	5.4	1.97 +	0.39 +	5.10	1388.	48.	3.
2933	0000	-513	37.8939	81.5716	PPK	0.9	1.9	5.6	2.05 +	0.35	5.89	1345.	51.	2.
2934	0000	-512	37.8939	81.5722	PPK	1.0	1.9	5.5	2.02 +	0.35	5.82	1324.	52.	2.
2935	0000	-511	37.8939	81.5726	PPK	1.0	1.7	5.6	1.74	0.31	5.55	1318.	52.	2.
2936	0000	-509	37.8940	81.5731	PPK	1.0	1.8	5.5	1.75	0.33	5.28	1333.	52.	1.
2937	0000	-508	37.8940	81.5736	PPK	1.1	1.7	5.5	1.55	0.31	5.07	1359.	52.	2.
2938	0000	-508	37.8940	81.5742	PPK	1.1	1.7	5.9	1.53	0.28	5.46	1378.	53.	2.
2939	0000	-508	37.8939	81.5747	PPK	1.1	1.7	5.9	1.49	0.29	5.14	1423.	52.	2.
2940	0000	-508	37.8939	81.5752	PPK	1.2	1.9	6.8	1.59	0.28	5.65	1488.	52.	2.
2941	0000	-509	37.8939	81.5757	PPK	1.2	2.1	6.4	1.66	0.32	5.20	1543.	53.	3.
2942	0000	-508	37.8939	81.5762	PPK	1.2	2.2 +	6.8	1.85	0.33	5.67	1569.	53.	3.
2943	0000	-507	37.8939	81.5767	PPK	1.2	2.2 +	6.9	1.88	0.32	5.83	1579.	51.	3.
2944	0000	-508	37.8939	81.5772	PPK	1.2	2.3 +	7.0	1.99 +	0.33	6.04	1585.	51.	3.
2945	0000	-507	37.8939	81.5777	PPK	1.2	2.0	7.0	1.71	0.29	5.94	1569.	52.	4.
2946	0000	-505	37.8939	81.5782	PPK	1.1	1.9	7.4	1.76	0.26	6.76 +	1550.	51.	5.
2947	0000	-504	37.8939	81.5788	PPK	1.1	1.6	6.9	1.44	0.23	6.22 +	1496.	49.	6.
2948	0000	-506	37.8939	81.5793	PPK	1.0	1.5	6.9	1.47	0.22	6.74 +	1449.	47.	6.
2949	0000	-506	37.8939	81.5798	PPK	1.1	1.5	6.5	1.39	0.23	6.08	1423.	49.	7.
2950	0000	-504	37.8939	81.5803	PPK	1.1	1.6	6.5	1.51	0.25	6.08	1412.	49.	6.
2951	0000	-503	37.8939	81.5808	PPK	1.1	1.6	6.3	1.53	0.26	5.97	1376.	48.	6.
2952	0000	-502	37.8939	81.5813	PPK	1.0	1.8	6.2	1.80	0.29	6.24 +	1360.	46.	6.
2953	0000	-501	37.8940	81.5818	PPK	1.0	2.0	6.0	2.06 +	0.33	6.33 +	1320.	48.	5.
2954	0000	-500	37.8940	81.5824	PPK	0.9	2.2 +	5.5	2.42 +	0.40 +	6.01	1320.	49.	5.
2955	0000	-499	37.8940	81.5829	PPK	0.9	2.2 +	5.8	2.38 +	0.38 +	6.31 +	1322.	49.	5.
2956	0000	-500	37.8940	81.5834	PPK	0.9	2.3 +	5.9	2.71 ++	0.40 +	6.86 +	1363.	49.	5.
2957	0000	-499	37.8940	81.5838	PPK	0.9	2.4 +	6.1	2.69 ++	0.40 +	6.80 +	1417.	48.	5.
2958	0000	-497	37.8940	81.5844	PPK	0.9	2.2 +	6.3	2.42 +	0.35	6.95 +	1475.	49.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292 —

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-496	37.8940	81.5849		PPK	0.9	2.3 +	6.3	2.48 +	0.37 +	6.68 +	1517.	48.	6.
2960	0000	-495	37.8940	81.5854		PPK	1.0	2.1	6.5	2.03 +	0.32	6.38 +	1534.	48.	7.
2961	0000	-494	37.8940	81.5859		PPK	1.0	1.7	6.7	1.76	0.26	6.76 +	1500.	46.	7.
2962	0000	-496	37.8940	81.5864		PPK	1.0	1.7	6.1	1.69	0.28	6.13	1456.	47.	8.
2963	0000	-495	37.8940	81.5869		PPK	1.0	1.4	6.0	1.49	0.24	6.29 +	1394.	47.	8.
2964	0000	-493	37.8939	81.5875		PPK	0.9	1.1	5.5	1.23	0.20	6.06	1322.	49.	9.
2965	0000	-493	37.8939	81.5880		PPK	0.9	1.3	5.3	1.43	0.24	5.98	1268.	51.	9.
2966	0000	-493	37.8939	81.5885		PPK	0.8	1.1	5.2	1.36	0.22	6.14	1245.	50.	8.
2967	0000	-494	37.8939	81.5890		PPK	0.8 -	1.4	4.9	1.71	0.28	6.08	1228.	53.	7.
2968	0000	-493	37.8939	81.5895		PPK	0.9	1.4	4.9	1.62	0.28	5.75	1239.	53.	7.
2969	0000	-493	37.8939	81.5900		PPK	0.8 -	1.8	4.7	2.16 +	0.37 +	5.78	1266.	51.	7.
2970	0000	-493	37.8939	81.5905		PPK	0.9	1.7	4.9	1.93 +	0.35 +	5.45	1289.	52.	6.
2971	0000	-492	37.8940	81.5910		PPK	1.0	1.8	5.3	1.86	0.34	5.47	1321.	52.	6.
2972	0000	-491	37.8940	81.5916		PPK	1.0	2.0	5.1	2.04 +	0.39 +	5.23	1361.	52.	6.
2973	0000	-491	37.8940	81.5920		PPK	1.1	1.8	5.4	1.71	0.34	5.09	1399.	52.	7.
2974	0000	-490	37.8940	81.5926		PPK	1.1	1.5	5.7	1.39	0.27	5.16	1458.	49.	7.
2975	0000	-489	37.8940	81.5931		PPK	1.2	1.9	5.6	1.52	0.34	4.51 -	1534.	51.	7.
2976	0000	-489	37.8940	81.5936		PPK	1.3	1.5	6.3	1.17	0.24	4.82	1598.	52.	8.
2977	0000	-488	37.8940	81.5941		PPK	1.4	1.6	6.4	1.16	0.25	4.62 -	1681.	51.	9.
2978	0000	-487	37.8940	81.5946		PPK	1.4	1.8	6.4	1.25	0.27	4.55 -	1715.	51.	8.
2979	0000	-488	37.8940	81.5951		PPK	1.4 +	1.3	7.5	0.92 -	0.17 -	5.25	1765.	50.	9.
2980	0000	-487	37.8940	81.5957		PPK	1.4	1.3	7.5	0.96 -	0.17 -	5.53	1778.	52.	9.
2981	0000	-487	37.8940	81.5962		PPK	1.4	1.3	7.3	0.95 -	0.18 -	5.41	1772.	53.	10.
2982	0000	-486	37.8940	81.5967		PPK	1.2	0.8 -	7.6 +	0.65 --	0.10 --	6.26 +	1715.	52.	10.
2983	0000	-485	37.8940	81.5972		PPK	1.2	0.7 --	7.4	0.59 --	0.10 --	6.02	1675.	52.	10.
2984	0010	-487	37.8940	81.5977		PPK	1.2	0.5 N.A.	7.3	0.42 N.A.	0.07 N.A.	6.05	1618.	52.	9.
2985	0010	-487	37.8940	81.5982		PPK	1.2	0.3 N.A.	7.1	0.25 N.A.	0.04 N.A.	6.18	1585.	51.	10.
2986	0000	-485	37.8940	81.5987		PPK	1.1	0.8 -	6.1	0.69 --	0.13 -	5.50	1525.	52.	10.
2987	0000	-486	37.8940	81.5992		PPK	1.3	0.8 -	5.9	0.61 --	0.13 -	4.73	1527.	52.	11.
2988	0000	-487	37.8940	81.5997		PPK	1.3	0.8 -	6.3	0.64 --	0.13 -	4.86	1529.	52.	12.
2989	0000	-488	37.8940	81.6002		PPK	1.3	1.1	6.4	0.84 -	0.17 -	4.85	1544.	51.	11.
2990	0000	-489	37.8940	81.6007		PPK	1.3	1.3	6.8	1.02	0.20	5.20	1560.	50.	11.
2991	0000	-487	37.8940	81.6013		PPK	1.2	1.5	6.8	1.26	0.23	5.54	1563.	52.	11.
2992	0000	-486	37.8940	81.6018		PPK	1.2	1.5	7.0	1.22	0.21	5.73	1567.	52.	11.
2993	0000	-486	37.8940	81.6023		PPK	1.3	1.4	7.2	1.07	0.19	5.65	1564.	52.	10.
2994	0000	-486	37.8940	81.6028		PPK	1.1	1.6	6.8	1.39	0.23	6.07	1517.	54.	8.
2995	0000	-486	37.8940	81.6033		PPK	1.1	1.7	6.4	1.62	0.27	6.02	1484.	55.	7.
2996	0000	-485	37.8940	81.6038		PPK	1.1	1.7	6.1	1.61	0.28	5.75	1485.	57.	6.
2997	0000	-484	37.8940	81.6044		PPK	1.1	1.7	5.8	1.54	0.29	5.36	1481.	59.	5.
2998	0000	-483	37.8940	81.6049		PPK	1.1	1.6	6.0	1.45	0.27	5.29	1497.	58.	4.
2999	0000	-483	37.8940	81.6054		PPK	1.1	1.8	6.0	1.65	0.31	5.39	1516.	60.	3.
3000	0000	-484	37.8940	81.6059		PPK	1.1	1.9	6.1	1.75	0.32	5.54	1531.	58.	3.
3001	0000	-484	37.8940	81.6064		PPK	1.1	2.0	6.2	1.77	0.32	5.61	1532.	56.	4.
3002	0000	-484	37.8940	81.6069		PPK	1.1	1.8	6.4	1.64	0.28	5.79	1523.	53.	5.
3003	0000	-484	37.8940	81.6074		PPK	1.1	1.8	6.2	1.64	0.29	5.67	1497.	53.	6.
3004	0000	-484	37.8940	81.6079		PPK	1.0	1.7	6.3	1.61	0.27	6.08	1467.	51.	7.
3005	0000	-484	37.8940	81.6084		PPK	1.0	1.8	6.1	1.83	0.29	6.23 +	1437.	48.	7.
3006	0000	-485	37.8940	81.6089		PPK	1.0	1.8	5.8	1.90	0.31	6.11	1404.	47.	7.
3007	0000	-485	37.8940	81.6095		PPK	1.0	1.8	5.8	1.86	0.31	6.06	1388.	47.	7.
3008	0000	-486	37.8940	81.6100		PPK	0.9	1.9	5.7	2.12 +	0.34	6.21	1393.	50.	6.
3009	0000	-486	37.8940	81.6105		PPK	0.9	2.2	5.4	2.30 +	0.40 +	5.72	1415.	51.	5.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-486	37.8940	81.6110	PPA-1	1.0	2.1 +	5.7	2.24 +	0.38 +	5.92	1440.	51.	5.
3011	0000	-487	37.8940	81.6115	PPA-1	1.0	2.2 ++	5.5	2.24 +	0.41 +	5.49	1464.	52.	5.
3012	0000	-487	37.8940	81.6120	PPA-1	1.0	2.0 +	5.8	1.87	0.34	5.83	1479.	53.	6.
3013	0000	-487	37.8940	81.6126	PPA-1	1.0	1.8 +	5.9 +	1.71	0.30	5.62	1497.	53.	7.
3014	0000	-488	37.8940	81.6131	PPA-1	1.0	1.8	6.2 +	1.69	0.28	5.97	1506.	53.	8.
3015	0000	-489	37.8940	81.6136	PPA-1	1.1 +	1.5	6.4 +	1.43	0.24	5.93	1510.	50.	9.
3016	0000	-486	37.8940	81.6141	PPA-1	1.0	1.5	6.6 +	1.47	0.22	6.58	1477.	49.	9.
3017	0000	-484	37.8940	81.6146	PPA-1	0.9	1.5	6.6 +	1.61	0.23	7.01 +	1441.	49.	9.
3018	0000	-483	37.8940	81.6151	PPA-1	0.9	1.5	6.5 +	1.69	0.24	7.11 +	1386.	50.	8.
3019	0000	-483	37.8940	81.6156	PPA-1	0.9	1.6	6.0 +	1.77	0.26	6.86 +	1339.	51.	7.
3020	0000	-483	37.8940	81.6161	PPA-1	0.9	1.7	6.0 +	1.96	0.28	7.03 +	1287.	50.	6.
3021	0000	-484	37.8940	81.6166	PPA-1	0.8	1.7	5.5	2.03	0.30	6.73 +	1244.	51.	6.
3022	0000	-483	37.8940	81.6171	PPA-1	0.8	1.6	5.2	2.15	0.32	6.80 +	1193.	52.	5.
3023	0000	-485	37.8940	81.6177	PPA-1	0.8	1.6	4.9	2.00	0.33	6.11	1164.	54.	5.
3024	0000	-486	37.8940	81.6182	PPA-1	0.8	1.3	4.8	1.67	0.27	6.06	1129.	53.	6.
3025	0000	-484	37.8940	81.6187	PPA-1	0.8	1.0	4.8	1.28	0.21	6.11	1132.	53.	8.
3026	0000	-485	37.8940	81.6192	PPA-1	0.8	1.1	4.7	1.50	0.24	6.21	1134.	52.	8.
3027	0000	-488	37.8940	81.6197	PPA-1	0.8	1.1	4.6	1.46	0.24	6.05	1162.	50.	9.
3028	0000	-490	37.8940	81.6202	PPA-1	0.8	1.3	4.7	1.66	0.28	5.98	1200.	48.	9.
3029	0000	-493	37.8940	81.6207	PPA-1	1.0	1.0	5.4	0.98 -	0.18 -	5.60	1274.	48.	11.
3030	0000	-494	37.8940	81.6213	PPA-1	1.0	0.9 -	6.5 +	0.86 -	0.13 -	6.46	1370.	45.	11.
3031	0000	-495	37.8940	81.6218	PPA-1	1.1 +	1.0	6.5 +	0.87 -	0.15 -	5.97	1442.	47.	10.
3032	0000	-499	37.8940	81.6223	PPA-1	1.1 +	1.6	6.6 +	1.40	0.24	5.81	1517.	44.	9.
3033	1000	-500	37.8940	81.6228	PPK	1.2	1.6	6.6	1.31	0.24	5.40	1591.	46.	9.
3034	1000	-499	37.8940	81.6233	PPK	1.3	1.6	7.2	1.17	0.22	5.37	1662.	46.	10.
3035	1000	-498	37.8940	81.6238	PPK	1.4 +	1.2	7.8 +	0.83 -	0.15 -	5.41	1716.	47.	10.
3036	1000	-497	37.8940	81.6243	PPK	1.5 +	1.6	7.7 +	1.06	0.20	5.22	1756.	48.	10.
3037	1000	-497	37.8940	81.6248	PPK	1.6 +	1.6	7.6 +	0.99 -	0.21	4.80	1781.	51.	10.
3038	1000	-496	37.8940	81.6253	PPK	1.6 +	1.7	7.9 +	1.10	0.22	4.97	1831.	50.	11.
3039	1000	-494	37.8940	81.6258	PPK	1.7 +	1.4	8.3 +	0.85 -	0.17 -	4.91	1888.	50.	12.
3040	1000	-495	37.8940	81.6264	PPK	1.8 +	1.5	9.0 ++	0.81 -	0.16 -	5.05	1944.	48.	12.
3041	1000	-497	37.8940	81.6268	PPK	1.9 ++	1.6	8.7 +	0.86 -	0.19 -	4.62 -	1978.	52.	12.
3042	0000	-495	37.8940	81.6273	PPK	1.9 ++	1.8	8.7 +	0.97 -	0.21	4.67 -	2027.	50.	12.
3043	0000	-493	37.8940	81.6279	PPK	1.7 +	2.1	9.1 ++	1.21	0.23	5.22	2076.	50.	12.
3044	0000	-495	37.8940	81.6284	PPK	1.7 +	2.5 +	8.7 +	1.42	0.29	4.96	2124.	49.	11.
3045	0000	-495	37.8940	81.6289	PPK	1.8 +	2.6 +	8.9 +	1.44	0.29	4.90	2170.	50.	11.
3046	0000	-493	37.8940	81.6293	PPK	1.9 ++	2.9 +	9.0 +	1.53	0.32	4.81	2220.	52.	10.
3047	0000	-491	37.8940	81.6300	PPK	1.9 ++	2.8 +	9.2 ++	1.47	0.30	4.87	2262.	53.	10.
3048	0000	-492	37.8940	81.6305	PPK	1.9 ++	2.6 +	9.4 ++	1.38	0.28	4.96	2303.	51.	10.
3049	0000	-492	37.8940	81.6310	PPK	1.9 ++	2.8 +	9.1 ++	1.48	0.30	4.85	2303.	53.	10.
3050	1000	-491	37.8940	81.6315	PPK	1.9 ++	2.4 +	9.2 ++	1.27	0.27	4.77	2286.	52.	10.
3051	1000	-491	37.8940	81.6320	PPK	2.0 ++	2.2 +	9.4 ++	1.15	0.24	4.81	2275.	53.	10.
3052	1000	-492	37.8940	81.6325	PPK	2.0 ++	2.0	9.3 ++	1.04	0.22	4.71	2260.	53.	10.
3053	1000	-492	37.8940	81.6330	PPK	2.0 ++	1.6	9.4 ++	0.80 -	0.17 -	4.73	2253.	52.	11.
3054	1000	-491	37.8940	81.6335	PPK	2.0 ++	1.5	8.9 +	0.75 -	0.17 -	4.39 -	2238.	53.	12.
3055	1000	-490	37.8940	81.6340	PPK	2.0 ++	1.9	9.3 ++	0.94 -	0.20	4.66 -	2209.	53.	11.
3056	1000	-490	37.8940	81.6346	PPK	2.0 ++	1.6	9.5 ++	0.80 -	0.17 -	4.70	2196.	51.	11.
3057	1000	-490	37.8940	81.6351	PPK	2.0 ++	1.9	9.4 ++	0.93 -	0.20	4.64 -	2187.	52.	11.
3058	1000	-490	37.8940	81.6355	PPK	1.9 ++	1.8	9.0 ++	0.97 -	0.20	4.80	2102.	50.	10.
3059	0000	-489	37.8940	81.6360	PPK	1.7 +	1.9	8.5 +	1.09	0.22	4.90	1967.	50.	9.
3060	0000	-488	37.8940	81.6366	PPK	1.5 +	1.9	7.8 +	1.26	0.24	5.27	1784.	52.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 *APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K		GROSS CPS	COS CPS	UAIR CPS
3061	0000	-486	37.8940	81.6371	PPK	1.2	1.9	7.3	1.50	0.25	5.93		1588.	53.	6.
3062	0000	-484	37.8940	81.6375	PPK	1.0	1.4	6.3	1.37	0.23	6.07		1407.	52.	5.
3063	0000	-483	37.8940	81.6382	PPK	0.9	1.4	5.4	1.54	0.26	5.99		1237.	54.	5.
3064	0000	-481	37.8940	81.6387	PPK	0.8 -	1.1	4.5 -	1.42	0.24	6.00		1089.	54.	4.
3065	0000	-482	37.8940	81.6391	PPK	0.7 -	1.0 -	4.0 -	1.43	0.24	5.93		1006.	55.	3.
3066	0000	-482	37.8940	81.6397	PPK	0.6 --	0.9 -	4.0 -	1.34	0.22	5.13		996.	54.	4.
3067	0000	-481	37.8940	81.6402	PPK	0.7 -	0.8 -	3.7 -	1.13	0.20	5.62		997.	54.	6.
3068	0000	-483	37.8940	81.6407	PPA-1	0.7	0.8 -	3.7 -	1.14	0.22	5.22		1041.	52.	7.
3069	0000	-485	37.8940	81.6412	PPA-1	0.7	0.8 -	4.0	1.14	0.21	5.40		1094.	52.	8.
3070	0000	-487	37.8940	81.6417	PPA-1	0.8	0.8 -	4.1	0.98 -	0.19 -	5.10		1146.	53.	9.
3071	0000	-489	37.8940	81.6422	PPA-1	0.9	0.7 -	3.9	0.75 --	0.17 -	4.30	--	1173.	54.	11.
3072	0000	-488	37.8940	81.6427	PPA-1	0.9	0.9	4.2	1.02 -	0.22	4.63	-	1197.	54.	11.
3073	0000	-488	37.8940	81.6432	PPA-1	0.9	0.8 -	4.4	0.92 -	0.19 -	4.80	-	1194.	55.	12.
3074	0000	-489	37.8940	81.6437	PPA-1	0.9	1.0	4.5	1.09 -	0.21	5.08		1181.	55.	12.
3075	0000	-489	37.8940	81.6442	PPA-1	0.8	0.9 -	4.6	1.05 -	0.19 -	5.62		1145.	54.	12.
3076	0000	-489	37.8940	81.6448	PPA-1	0.8	0.8 -	4.2	1.01 -	0.19 -	5.24		1095.	54.	12.
3077	0000	-490	37.8941	81.6453	PPA-1	0.7	0.8 -	4.3	1.13	0.19 -	6.07		1037.	52.	12.
3078	0000	-491	37.8941	81.6457	PPA-1	0.6 -	0.9 -	4.3	1.46	0.21	7.08	+	985.	50.	11.
3079	0000	-492	37.8940	81.6462	PPA-1	0.6	0.6 -	3.9	0.91 -	0.15 -	6.02		948.	51.	11.
3080	0000	-493	37.8940	81.6469	PPK	0.7 -	0.6 --	3.7 -	0.90 -	0.16 -	5.45		927.	51.	9.
3081	0000	-493	37.8940	81.6473	PPK	0.6 --	0.7 --	3.4 -	1.19	0.22	5.45		893.	51.	8.
3082	0000	-495	37.8940	81.6479	PPK	0.6 --	1.0 -	3.2 -	1.63	0.30	5.38		886.	49.	6.
3083	0000	-496	37.8940	81.6484	PPK	0.6 --	0.9 -	3.6 -	1.55	0.25	6.25	+	885.	51.	6.
3084	0000	-495	37.8940	81.6489	PPK	0.6 -	0.8 -	3.8 -	1.26	0.21	5.89		916.	51.	6.
3085	0000	-496	37.8940	81.6494	PPK	0.7 -	0.9 -	4.0 -	1.24	0.22	5.69		959.	54.	6.
3086	0000	-497	37.8940	81.6499	PPK	0.7 -	0.9 -	4.4 -	1.26	0.21	5.92		1007.	52.	6.
3087	0000	-498	37.8940	81.6504	PPK	0.7 -	1.2	4.4 -	1.59	0.27	5.86		1067.	51.	6.
3088	0000	-498	37.8940	81.6509	PPK	0.8 -	1.0 -	4.7	1.27	0.21	6.06		1136.	52.	7.
3089	0000	-497	37.8940	81.6514	PPK	0.9	0.9 -	5.2	1.03	0.18 -	5.87		1210.	51.	9.
3090	0000	-498	37.8940	81.6519	PPK	1.0	1.3	5.2	1.34	0.24	5.49		1294.	50.	8.
3091	0000	-500	37.8940	81.6524	PPK	1.0	1.6	5.1	1.63	0.32	5.05		1368.	53.	9.
3092	0000	-502	37.8940	81.6530	PPK	1.0	1.4	5.5	1.36	0.26	5.32		1451.	50.	10.
3093	0000	-502	37.8940	81.6535	PPK	1.1	1.6	5.6	1.47	0.28	5.16		1517.	54.	10.
3094	0000	-502	37.8941	81.6540	PPK	1.1	1.8	6.1	1.64	0.30	5.54		1594.	54.	11.
3095	0000	-503	37.8941	81.6544	PPK	1.2	2.2	6.5	1.78	0.33	5.41		1686.	54.	10.
3096	0000	-503	37.8941	81.6550	PPK	1.3	2.4 +	6.8	1.88	0.35 +	5.35		1760.	56.	9.
3097	0000	-503	37.8941	81.6555	PPK	1.4	2.5 +	7.1	1.73	0.34	5.04		1882.	54.	9.
3098	1000	-503	37.8940	81.6561	PPK	1.4 +	2.9 +	8.1 +	2.04 +	0.36 +	5.65		2007.	51.	8.
3099	1000	-502	37.8940	81.6566	PPK	1.7 +	3.6 ++	8.2 +	2.17 +	0.44 ++	4.88		2146.	51.	8.
3100	1000	-502	37.8940	81.6571	PPK	1.9 ++	3.8 ++	8.6 +	1.96 +	0.44 ++	4.48	-	2263.	48.	8.
3101	1000	-503	37.8940	81.6575	PPK	2.1 ++	3.5 ++	9.2 ++	1.66	0.38 +	4.38	-	2360.	47.	8.
3102	1000	-502	37.8940	81.6581	PPK	2.2 ++	3.5 ++	9.5 ++	1.60	0.37 +	4.29	-	2440.	46.	8.
3103	1000	-501	37.8940	81.6586	PPK	2.3 ++	3.7 ++	9.4 ++	1.61	0.39 +	4.13	-	2470.	47.	8.
3104	1000	-502	37.8940	81.6591	PPK	2.2 ++	3.5 ++	9.8 ++	1.57	0.35 +	4.46	-	2424.	48.	9.
3105	1000	-503	37.8940	81.6596	PPK	2.3 ++	3.1 ++	9.6 ++	1.36	0.32	4.22	-	2380.	49.	9.
3106	1000	-502	37.8940	81.6601	PPK	2.1 ++	2.7 +	9.3 ++	1.26	0.29	4.35	-	2297.	52.	10.
3107	1000	-502	37.8940	81.6606	PPK	2.0 ++	2.6 +	9.7 ++	1.26	0.26	4.78		2283.	49.	9.
3108	0000	-503	37.8940	81.6611	PPK	1.9 ++	2.5 +	8.6 ++	1.33	0.29	4.54	-	2139.	52.	10.
3109	0000	-503	37.8940	81.6617	PPK	1.7 +	2.2 +	7.8 ++	1.29	0.29	4.49	-	1968.	51.	10.
3110	0000	-504	37.8940	81.6622	PPK	1.6 +	1.9	7.4	1.19	0.25	4.71		1841.	50.	10.
3111	0000	-506	37.8940	81.6626	PPK	1.5 +	1.8	6.6	1.18	0.27	4.39	-	1714.	50.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-505	37.8941	81.6632		PPK	1.4	1.5	5.7	1.10	0.26	4.19 -	1568.	50.	9.
3113	0000	-504	37.8941	81.6637		PPK	1.2	1.4	5.4	1.13	0.26	4.35 -	1424.	47.	8.
3114	0000	-505	37.8941	81.6642		PPK	1.0	1.2	4.6 -	1.22	0.27	4.54 -	1213.	51.	8.
3115	0000	-504	37.8941	81.6648		PPK	0.9	1.2	4.5 -	1.29	0.26	4.90	1137.	48.	7.
3116	0000	-505	37.8941	81.6653		PPK	0.9	1.1	4.2 -	1.24	0.25	4.86	1114.	51.	7.
3117	0000	-511	37.8941	81.6657		PPK	0.8 -	1.0 -	3.9 -	1.21	0.25	4.80	1086.	50.	7.
3118	0000	-512	37.8941	81.6663		PPK	0.8 -	1.0 -	4.1 -	1.20	0.24	5.01	1092.	49.	6.
3119	0000	-510	37.8941	81.6668		PPK	0.8 -	1.0 -	4.1 -	1.24	0.24	5.07	1099.	48.	7.
3120	0000	-513	37.8940	81.6673		PPK	0.8 -	1.0 -	4.5 -	1.29	0.23	5.60	1136.	48.	6.
3121	0000	-517	37.8940	81.6678		PPK	0.8 -	1.1	4.7	1.32	0.23	5.63	1177.	48.	5.
3122	0000	-517	37.8940	81.6683		PPK	0.8 -	1.1	5.4	1.39	0.21	6.58 +	1222.	45.	5.
3123	0000	-518	37.8940	81.6688		PPK	0.9	1.4	5.7	1.58	0.24	6.61 +	1251.	45.	4.
3124	0000	-519	37.8940	81.6693		PPK	0.9	1.9	5.7	2.22 +	0.34	6.60 +	1306.	45.	3.
3125	0000	-518	37.8940	81.6699		PPK	0.9	2.2 +	5.2	2.41 +	0.42 +	5.68	1353.	46.	4.
3126	0000	-517	37.8940	81.6703		PPK	0.9	2.2 +	5.6	2.34 +	0.39 +	5.98	1415.	46.	4.
3127	0000	-517	37.8940	81.6708		PPK	0.9	2.6 +	5.3	2.79 ++	0.50 ++	5.60	1473.	47.	5.
3128	1000	-513	37.8940	81.6713		PPK	1.0	3.3 ++	5.9	3.22 ++	0.55 +++	5.82	1613.	48.	6.
3129	1000	-508	37.8940	81.6719		PPK	1.2	3.2 ++	5.7	2.72 ++	0.57 +++	4.79	1712.	51.	6.
3130	1000	-508	37.8941	81.6724		PPK	1.4	3.3 ++	6.1	2.38 +	0.54 +++	4.43 -	1821.	50.	6.
3131	1000	-508	37.8941	81.6730		PPK	1.4	3.1 +	6.5	2.16 +	0.47 ++	4.57 -	1829.	50.	7.
3132	1000	-507	37.8941	81.6735		PPK	1.4	2.8 +	7.0	2.00 +	0.40 +	4.98	1826.	48.	6.
3133	1000	-510	37.8941	81.6739		PPK	1.3	3.2 ++	6.6	2.37 +	0.48 ++	4.98	1789.	49.	5.
3134	0000	-511	37.8941	81.6744		PPK	1.3	2.8 +	6.8	2.11 +	0.42 +	5.03	1760.	46.	4.
3135	0000	-506	37.8941	81.6750		PPK	1.3	2.3 +	6.2	1.75	0.38 +	4.65 -	1663.	43.	5.
3136	0000	-506	37.8941	81.6755		PPK	1.2	2.7 +	5.8	2.16 +	0.46 ++	4.65 -	1616.	42.	4.
3137	0000	-512	37.8941	81.6760		PPK	1.1	2.6 +	5.5	2.42 +	0.47 ++	5.14	1537.	43.	5.
3138	0000	-512	37.8941	81.6765		PPK	1.1	2.1	5.5	1.94 +	0.38 +	5.15	1527.	45.	6.
3139	0000	-510	37.8940	81.6770		PPK	1.1	2.2 +	5.6	2.07 +	0.39 +	5.31	1547.	44.	7.
3140	0000	-510	37.8940	81.6775		PPK	1.1	1.8	5.8	1.58	0.31	5.09	1583.	44.	9.
3141	0000	-511	37.8940	81.6780		PPK	1.2	1.6	6.1	1.35	0.26	5.27	1594.	47.	11.
3142	0000	-513	37.8940	81.6785		PPK	1.2	1.5	6.5	1.33	0.24	5.61	1625.	49.	13.
3143	0000	-514	37.8940	81.6790		PPK	1.2	1.0 -	7.0	0.85 -	0.15 -	5.77	1635.	49.	14.
3144	0000	-514	37.8940	81.6795		PPK	1.3	0.8 -	7.1	0.59 --	0.11 -	5.37	1677.	49.	16.
3145	0000	-514	37.8940	81.6801		PPK	1.4	0.8 -	7.1	0.58 --	0.11 -	5.09	1730.	48.	17.
3146	0000	-515	37.8940	81.6806		PPK	1.5 +	0.8 -	7.0	0.51 ---	0.11 -	4.68 -	1757.	50.	16.
3147	0000	-516	37.8940	81.6810		PPK	1.5 +	0.7 --	7.2	0.45 ---	0.10 --	4.66 -	1795.	50.	16.
3148	0000	-514	37.8940	81.6815		PPK	1.6 +	0.9 -	7.2	0.54 --	0.12 -	4.61 -	1830.	48.	14.
3149	0000	-515	37.8940	81.6821		PPK	1.6 +	1.0 -	7.0	0.63 --	0.14 -	4.50 -	1807.	48.	13.
3150	0000	-517	37.8940	81.6826		PPK	1.5 +	1.0 -	6.8	0.65 --	0.15 -	4.42 -	1774.	48.	12.
3151	0000	-517	37.8940	81.6832		PPK	1.4	1.2	6.4	0.85 -	0.19 -	4.52 -	1718.	48.	10.
3152	0000	-517	37.8940	81.6837		PPK	1.3	1.5	6.1	1.13	0.25	4.54 -	1655.	51.	9.
3153	0000	-518	37.8940	81.6842		PPK	1.2	1.9	5.8	1.54	0.32	4.73	1609.	49.	9.
3154	0000	-518	37.8940	81.6847		PPK	1.2	2.1	5.2	1.84	0.41 +	4.50 -	1548.	48.	8.
3155	0000	-520	37.8940	81.6852		PPK	1.1	2.2	5.2	1.96 +	0.41 +	4.75	1493.	49.	9.
3156	0000	-520	37.8940	81.6857		PPK	1.1	2.1	5.0	1.93	0.41 +	4.69	1466.	47.	9.
3157	0000	-520	37.8940	81.6862		PPK	1.0	2.3 +	4.7	2.25 +	0.49 ++	4.64 -	1438.	48.	9.
3158	0000	-522	37.8940	81.6867		PPK	1.0	2.3 +	4.7	2.27 +	0.49 ++	4.67 -	1406.	45.	8.
3159	0000	-522	37.8940	81.6872		PPK	0.9	2.1	4.6 -	2.27 +	0.45 ++	5.00	1371.	42.	8.
3160	0000	-522	37.8940	81.6877		PPK	0.9	1.7	4.8	1.88	0.36 +	5.21	1311.	45.	8.
3161	0000	-523	37.8940	81.6882		PPK	0.8	1.4	5.0	1.67	0.29	5.87	1260.	47.	8.
3162	0000	-523	37.8940	81.6888		PPK	0.8 -	1.4	4.6 -	1.69	0.30	5.71	1197.	48.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-525	37.8940	81.6892	PPA-1	0.8	1.1	4.5	1.43	0.25	5.66	1143.	51.	9.
3164	0000	-525	37.8940	81.6897	PPA-1	0.7	1.0	4.3	1.29	0.22	5.82	1097.	50.	10.
3165	0000	-524	37.8940	81.6903	PPA-1	0.7	0.8 -	4.3	1.26	0.20 -	6.37	1065.	53.	12.
3166	0000	-525	37.8940	81.6908	PPA-1	0.7	0.6 -	4.1	0.91 -	0.15 -	6.15	1042.	54.	14.
3167	0000	-527	37.8940	81.6913	PPA-1	0.6	0.6 -	4.1	0.90 -	0.14 -	6.53	1029.	53.	14.
3168	0000	-528	37.8940	81.6918	PPA-1	0.6 -	0.7 -	3.8	1.10 -	0.18 -	6.17	1009.	54.	15.
3169	0000	-528	37.8940	81.6923	PPA-1	0.6 -	0.5 -	3.9	0.85 -	0.13 -	6.36	1007.	54.	15.
3170	0000	-527	37.8940	81.6928	PPA-1	0.6 -	0.6 -	3.7 -	0.96 -	0.15 -	6.35	1001.	53.	15.
3171	0000	-527	37.8940	81.6933	PPA-1	0.6 -	0.7 -	4.0	1.24	0.18 -	7.00 +	1013.	54.	13.
3172	0000	-529	37.8940	81.6939	PPA-1	0.6 -	0.9	4.0	1.58	0.23	6.89 +	1023.	53.	11.
3173	0000	-528	37.8940	81.6944	PPA-1	0.6 -	1.2	4.0	2.00	0.31	6.54	1029.	52.	10.
3174	0000	-527	37.8940	81.6949	PPA-1	0.6 -	1.2	4.0	1.98	0.30	6.70 +	1041.	51.	9.
3175	0000	-528	37.8940	81.6954	PPA-1	0.6 -	1.0	4.2	1.69	0.25	6.90 +	1040.	51.	9.
3176	0000	-529	37.8940	81.6959	PPA-1	0.6 -	1.2	4.1	1.92	0.29	6.65	1037.	50.	7.
3177	0000	-527	37.8940	81.6964	PPA-1	0.6 -	1.4	4.2	2.41 +	0.34	7.16 +	1038.	50.	6.
3178	0000	-526	37.8940	81.6970	PPA-1	0.6 -	1.3	4.2	2.18	0.31	6.92 +	1024.	49.	5.
3179	0000	-526	37.8940	81.6974	PPA-1	0.6	1.2	4.4	1.87	0.27	6.91 +	1025.	49.	5.
3180	0000	-527	37.8940	81.6979	PPA-1	0.6 -	1.2	4.5	1.96	0.26	7.59 +	1027.	49.	4.
3181	0000	-528	37.8940	81.6984	PPK	0.6 --	1.2	4.3 -	1.94 +	0.28	6.96 +	1022.	50.	4.
3182	0000	-529	37.8940	81.6990	PPK	0.6 --	1.3	4.3 -	2.18 +	0.30	7.22 ++	1024.	49.	4.
3183	0000	-529	37.8940	81.6995	PPK	0.6 --	1.3	4.3 -	2.23 +	0.31	7.28 ++	1018.	46.	5.
3184	0000	-529	37.8940	81.7000	PPK	0.6 --	1.0 -	4.1 -	1.59	0.24	6.50 +	1017.	45.	6.
3185	0000	-528	37.8940	81.7005	PPK	0.6 --	1.0 -	4.0 -	1.53	0.24	6.27 +	1028.	46.	7.
3186	0000	-529	37.8940	81.7010	PPK	0.7 -	0.8 -	3.9 -	1.12	0.20	5.66	1031.	49.	9.
3187	0000	-528	37.8940	81.7015	PPK	0.7 -	0.6 --	3.8 -	0.81 -	0.16 -	5.13	1058.	49.	11.
3188	0000	-527	37.8940	81.7020	PPK	0.8 -	0.3 ---	4.1 -	0.38 ---	0.08 --	5.10	1094.	48.	13.
3189	0000	-527	37.8940	81.7025	PPK	0.9	0.3 ---	4.5 -	0.31 ---	0.06 --	5.13	1157.	50.	14.
3190	0010	-526	37.8940	81.7030	PPK	1.0	0.2 N.A.	5.2	0.22 N.A.	0.04 N.A.	5.39	1248.	52.	15.
3191	0010	-526	37.8940	81.7035	PPK	1.0	0.1 N.A.	5.5	0.12 N.A.	0.02 N.A.	5.48	1310.	52.	16.
3192	0010	-526	37.8940	81.7040	PPK	1.1	0.2 N.A.	5.9	0.18 N.A.	0.03 N.A.	5.62	1347.	53.	16.
3193	0010	-526	37.8940	81.7046	PPK	1.0	0.4 N.A.	6.1	0.42 N.A.	0.07 N.A.	5.91	1387.	51.	15.
3194	0000	-526	37.8940	81.7052	PPK	1.1	0.5 --	6.4	0.50 ---	0.08 --	5.95	1409.	52.	14.
3195	0000	-526	37.8939	81.7056	PPK	1.1	0.8 -	6.6	0.70 --	0.12 -	6.07	1417.	55.	12.
3196	0000	-527	37.8939	81.7061	PPK	1.1	0.8 -	6.4	0.74 -	0.13 -	5.87	1415.	52.	11.
3197	0000	-528	37.8939	81.7066	PPK	1.1	1.1 -	5.8	0.96 -	0.18 -	5.25	1409.	50.	10.
3198	0000	-527	37.8939	81.7072	PPK	1.1	1.4	5.8	1.24	0.24	5.13	1413.	51.	9.
3199	0000	-527	37.8939	81.7077	PPK	1.1	1.5	5.8	1.29	0.25	5.17	1429.	50.	9.
3200	0000	-529	37.8939	81.7082	PPA-1	1.2 +	1.6	6.0 +	1.39	0.27	5.21	1442.	51.	9.
3201	0000	-529	37.8939	81.7087	PPA-1	1.1 +	1.5	5.6	1.37	0.27	5.08	1413.	51.	9.
3202	0000	-529	37.8939	81.7092	PPA-1	1.1 +	1.4	5.3	1.33	0.27	4.99 -	1383.	48.	11.
3203	0000	-530	37.8939	81.7097	PPA-1	1.0	1.4	5.3	1.34	0.26	5.16	1359.	50.	11.
3204	0000	-531	37.8940	81.7102	PPA-1	1.0	1.1	5.4	1.14	0.20	5.62	1327.	51.	12.
3205	0000	-529	37.8940	81.7107	PPA-1	0.9	0.9 -	5.4	0.94 -	0.16 -	5.89	1293.	53.	12.
3206	0000	-528	37.8940	81.7112	PPA-1	0.9	0.7 -	5.1	0.84 -	0.14 -	5.85	1256.	52.	12.
3207	0000	-529	37.8940	81.7117	PPA-1	0.8	0.7 -	5.0	0.80 -	0.13 -	6.00	1207.	53.	11.
3208	0000	-529	37.8940	81.7123	PPA-1	0.8	0.8 -	5.5	0.95 -	0.14 -	6.80 +	1199.	54.	9.
3209	0000	-530	37.8940	81.7127	PPA-1	0.8	1.0	5.4	1.27	0.19 -	6.87 +	1187.	56.	8.
3210	0000	-531	37.8940	81.7132	PPA-1	0.7	1.1	5.2	1.50	0.21	7.03 +	1168.	54.	6.
3211	0000	-531	37.8940	81.7137	PPA-1	0.7	1.3	5.3	1.80	0.24	7.56 +	1132.	54.	5.
3212	0000	-531	37.8940	81.7143	PPA-1	0.7	1.4	5.2	1.97	0.26	7.59 +	1111.	56.	3.
3213	0000	-531	37.8940	81.7148	PPK	0.7 -	1.4	4.7	1.89	0.29	6.58 +	1094.	56.	3.

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FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-531	37.8940	81.7154		PPK	0.7 -	1.3	4.3 -	1.79	0.30	5.92	1086.	56.	4.
3215	0000	-531	37.8940	81.7159		PPK	0.7 -	1.2	4.1 -	1.73	0.30	5.84	1082.	54.	5.
3216	0000	-530	37.8939	81.7164		PPK	0.7 -	1.1	4.3 -	1.59	0.26	6.07	1097.	53.	6.
3217	0000	-531	37.8939	81.7168		PPK	0.8 -	1.2	4.2 -	1.59	0.29	5.53	1109.	55.	8.
3218	0000	-531	37.8939	81.7174		PPK	0.8 -	0.9 -	3.8 -	1.18	0.25	4.75	1103.	56.	10.
3219	0000	-531	37.8939	81.7179		PPK	0.8 -	0.7 --	4.0 -	0.86 -	0.18 -	4.74	1106.	51.	11.
3220	0000	-532	37.8939	81.7184		PPK	0.8 -	0.6 --	4.3 -	0.75 -	0.14 -	5.43	1102.	50.	12.
3221	0000	-531	37.8939	81.7189		PPK	0.7 -	0.6 --	4.4 -	0.77 -	0.13 -	5.96	1108.	49.	13.
3222	0000	-531	37.8939	81.7194		PPK	0.8 -	0.6 --	4.1 -	0.75 -	0.14 -	5.33	1091.	52.	13.
3223	0000	-531	37.8939	81.7199		PPK	0.8 -	0.7 --	4.2 -	0.94 -	0.18 -	5.37	1100.	52.	13.
3224	0000	-531	37.8939	81.7204		PPK	0.7 -	0.7 --	4.2 -	0.89 -	0.16 -	5.63	1114.	51.	12.
3225	0000	-531	37.8939	81.7209		PPK	0.8 -	0.9 -	4.9	1.17	0.18 -	6.39 +	1169.	47.	12.
3226	0000	-532	37.8939	81.7214		PPK	0.8 -	1.1	4.5 -	1.41	0.26	5.51	1214.	49.	12.
3227	0000	-533	37.8939	81.7219		PPK	0.9	1.3	4.5 -	1.52	0.29	5.28	1283.	49.	11.
3228	0000	-532	37.8939	81.7225		PPK	0.9	1.1	5.0	1.23	0.22	5.50	1296.	49.	11.
3229	0000	-532	37.8939	81.7230		PPK	0.9	1.0 -	4.9	1.14	0.20	5.64	1302.	47.	11.
3230	0000	-532	37.8939	81.7235		PPK	0.9	1.0 -	4.7	1.15	0.21	5.39	1268.	48.	11.
3231	0000	-533	37.8939	81.7239		PPK	0.8 -	1.0 -	4.5 -	1.17	0.22	5.41	1207.	48.	10.
3232	0000	-533	37.8939	81.7245		PPK	0.8 -	0.8 -	3.8 -	1.05	0.21	4.94	1114.	52.	10.
3233	0000	-534	37.8939	81.7250		PPK	0.7 -	0.8 -	3.6 -	1.23	0.22	5.54	1034.	53.	9.
3234	0000	-535	37.8939	81.7255		PPK	0.6 --	0.9 -	3.5 -	1.46	0.25	5.91	951.	53.	8.
3235	0000	-534	37.8939	81.7261		PPK	0.5 --	1.1	2.8 --	1.97 +	0.39 +	5.07	921.	55.	7.
3236	0000	-533	37.8939	81.7266		PPK	0.6 --	1.1	2.9 --	2.03 +	0.40 +	5.05	915.	55.	6.
3237	0000	-534	37.8939	81.7271		PPK	0.6 --	0.9 -	2.8 --	1.43	0.33	4.38 -	947.	52.	7.
3238	0000	-535	37.8939	81.7276		PPK	0.8 -	0.8 -	2.7 --	1.06	0.30	3.53 ---	1002.	51.	8.
3239	0000	-534	37.8939	81.7281		PPK	0.8 -	1.1 -	2.6 --	1.35	0.41 +	3.26 ---	1046.	53.	7.
3240	0000	-535	37.8939	81.7286		PPK	0.8 -	0.9 -	2.6 --	1.08	0.33	3.25 ---	1073.	50.	8.
3241	0000	-536	37.8939	81.7291		PPK	0.8	0.8 -	2.5 --	0.90 -	0.31	2.92 ---	1085.	50.	10.
3242	0000	-538	37.8939	81.7296		PPK	0.9	0.8 -	2.6 --	0.92 -	0.31	2.92 ---	1100.	49.	11.
3243	0000	-539	37.8939	81.7301		PPK	0.9	0.9 -	2.6 --	1.05	0.35	3.04 ---	1112.	50.	11.
3244	0000	-539	37.8939	81.7306		PPK	0.8 -	1.3	2.6 --	1.65	0.48 ++	3.43 ---	1091.	52.	11.
3245	0000	-540	37.8939	81.7312		PPK	0.7 -	1.3	2.8 --	1.94 +	0.48 ++	4.03 --	1062.	53.	11.
3246	0000	-540	37.8939	81.7317		PPK	0.7 -	1.3	2.7 --	1.89	0.47 ++	4.00 --	1053.	49.	11.
3247	0000	-538	37.8939	81.7321		PPK	0.6 --	1.5	3.0 --	2.32 +	0.48 ++	4.80	1036.	51.	10.
3248	0000	-539	37.8939	81.7327		PPK	0.6 --	1.5	3.2 -	2.46 +	0.47 ++	5.27	1032.	53.	9.
3249	0000	-541	37.8939	81.7332		PPK	0.6 --	1.5	3.3 -	2.51 +	0.44 ++	5.65	1032.	55.	9.
3250	0000	-541	37.8939	81.7337		PPK	0.6 --	1.5	3.6 -	2.58 +	0.43 +	6.04	1036.	53.	9.
3251	0000	-541	37.8939	81.7342		PPK	0.7 -	1.2	3.9 -	1.82	0.31	5.83	1057.	52.	9.
3252	0000	-542	37.8939	81.7347		PPK	0.7 -	1.3	3.9 -	1.74	0.33	5.25	1097.	53.	9.
3253	0000	-542	37.8939	81.7352		PPK	0.8 -	1.3	4.5 -	1.62	0.29	5.63	1138.	53.	9.
3254	0000	-543	37.8939	81.7357		PPK	0.9	1.3	4.3 -	1.51	0.30	5.03	1169.	53.	10.
3255	0000	-544	37.8939	81.7362		PPK	0.8	1.4	4.2 -	1.61	0.32	4.99	1169.	51.	10.
3256	0000	-544	37.8939	81.7368		PPK	0.9	1.2	4.4 -	1.44	0.28	5.15	1140.	50.	9.
3257	0000	-545	37.8939	81.7373		PPK	0.9	1.3	3.9 -	1.47	0.32	4.56 -	1114.	50.	10.
3258	0000	-548	37.8939	81.7378		PPK	0.8 -	1.4	3.7 -	1.83	0.39 +	4.66 -	1074.	51.	9.
3259	0000	-549	37.8939	81.7383		PPK	0.7 -	1.4	3.8 -	2.04 +	0.37 +	5.48	1033.	48.	8.
3260	0000	-549	37.8939	81.7388		PPK	0.6 --	1.5	3.5 -	2.34 +	0.43 +	5.47	985.	49.	6.
3261	0000	-549	37.8939	81.7393		PPK	0.6 --	1.9	3.5 -	3.19 ++	0.54 +++	5.94	983.	49.	4.
3262	0000	-550	37.8939	81.7399		PPK	0.6 --	1.8	3.4 -	2.77 ++	0.51 ++	5.43	988.	50.	4.
3263	0000	-551	37.8939	81.7403		PPK	0.7 -	1.9	3.3 -	2.79 ++	0.56 +++	5.02	1021.	48.	3.
3264	0000	-550	37.8939	81.7408		PPK	0.6 --	1.9	3.4 -	3.09 ++	0.57 +++	5.47	1036.	48.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-551	37.8939	81.7414		PPK	0.7 -	1.9	3.5 -	2.84 ++	0.53 +++	5.33	1038.	48.	2.
3266	0000	-552	37.8939	81.7419		PPK	0.7 -	2.0	3.5 -	2.92 ++	0.57 +++	5.17	1038.	47.	3.
3267	0000	-551	37.8939	81.7424		PPK	0.7 -	1.6	3.6 -	2.43 +	0.45 ++	5.36	1040.	47.	5.
3268	0000	-551	37.8939	81.7429		PPK	0.7 -	1.0 -	3.9 -	1.42	0.26	5.39	1042.	46.	8.
3269	0000	-552	37.8938	81.7434		PPK	0.7 -	0.9 -	4.2 -	1.28	0.23	5.66	1052.	46.	11.
3270	0000	-552	37.8938	81.7439		PPK	0.8 -	0.9 -	4.0 -	1.22	0.23	5.29	1082.	48.	13.
3271	0000	-552	37.8938	81.7444		PPK	0.8	0.7 --	4.2 -	0.84 -	0.17 -	4.96	1118.	49.	15.
3272	0000	-552	37.8938	81.7449		PPK	0.9	0.4 ---	4.6 -	0.42 ---	0.08 --	5.25	1202.	47.	18.
3273	0010	-551	37.8938	81.7454		PPK	0.9	0.6 N.A.	4.8	0.65 N.A.	0.12 N.A.	5.42	1281.	49.	19.
3274	0000	-550	37.8938	81.7459		PPK	0.9	0.8 -	4.6 -	0.87 -	0.18 -	4.86	1357.	50.	19.
3275	0000	-551	37.8938	81.7465		PPK	1.0	1.0 -	4.5 -	1.01	0.22	4.60 -	1400.	49.	18.
3276	0000	-553	37.8938	81.7469		PPK	1.0	1.1	4.8	1.14	0.23	4.90	1432.	50.	17.
3277	0000	-556	37.8938	81.7474		PPK	0.9	1.1	5.2	1.18	0.21	5.56	1423.	50.	16.
3278	0000	-557	37.8939	81.7480		PPK	0.9	1.0 -	5.6	1.12	0.19 -	6.02	1409.	50.	14.
3279	0000	-558	37.8939	81.7485		PPK	0.9	1.4	5.0	1.64	0.28	5.79	1356.	53.	13.
3280	0000	-560	37.8939	81.7490		PPK	0.8 -	1.1	4.9	1.31	0.22	5.91	1305.	52.	13.
3281	0000	-562	37.8939	81.7496		PPK	0.8 -	1.1	5.2	1.40	0.21	6.61 +	1280.	50.	12.
3282	0000	-564	37.8939	81.7501		PPK	0.8 -	1.2	5.2	1.56	0.23	6.91 +	1257.	52.	11.
3283	0000	-567	37.8939	81.7505		PPK	0.8 -	1.1	4.9	1.47	0.23	6.44 +	1239.	51.	12.
3284	0000	-569	37.8939	81.7511		PPK	0.8 -	0.9 -	4.5 -	1.13	0.20	5.58	1239.	51.	12.
3285	0000	-570	37.8939	81.7516		PPK	0.8 -	1.0 -	4.1 -	1.19	0.23	5.14	1233.	50.	13.
3286	0000	-572	37.8938	81.7521		PPK	0.8	0.9 -	4.5 -	1.09	0.20	5.37	1248.	47.	13.
3287	0000	-574	37.8938	81.7526		PPK	0.9	1.1 -	4.7	1.14	0.22	5.11	1282.	47.	12.
3288	0000	-575	37.8938	81.7531		PPK	1.0	1.0 -	4.8	1.02	0.21	4.81	1309.	49.	12.
3289	0000	-577	37.8938	81.7536		PPK	1.1	1.2	5.2	1.14	0.23	4.96	1385.	46.	12.
3290	0000	-579	37.8938	81.7541		PPK	1.1	1.3	5.6	1.19	0.24	5.02	1453.	48.	12.
3291	0000	-580	37.8938	81.7546		PPK	1.1	1.6	5.9	1.41	0.26	5.34	1465.	49.	11.
3292	0000	-583	37.8938	81.7552		PPK	1.1	1.8	6.0	1.67	0.30	5.48	1486.	48.	9.
3293	0000	-587	37.8938	81.7556		PPK	1.1	1.8	5.7	1.60	0.31	5.10	1476.	52.	8.
3294	0000	-588	37.8938	81.7561		PPK	1.1	1.8	5.3	1.63	0.33	4.91	1446.	54.	7.
3295	0000	-589	37.8938	81.7567		PPK	1.0	1.8	5.5	1.79	0.34	5.31	1404.	53.	6.
3296	0000	-590	37.8938	81.7572		PPK	1.0	1.7	5.1	1.78	0.34	5.24	1328.	54.	5.
3297	0000	-591	37.8938	81.7577		PPK	0.9	1.8	5.1	.92	0.35	5.54	1269.	52.	3.
3298	0000	-594	37.8938	81.7582		PPK	0.9	1.7	5.0	.87	0.34	5.44	1263.	51.	3.
3299	0000	-596	37.8938	81.7587		PPK	1.0	1.5	5.2	1.48	0.29	5.18	1284.	52.	4.
3300	0000	-597	37.8938	81.7592		PPK	1.0	1.6	5.4	1.59	0.29	5.49	1334.	51.	4.
3301	0000	-599	37.8938	81.7598		PPK	1.1	1.8	5.7	1.72	0.32	5.42	1396.	51.	5.
3302	0000	-600	37.8938	81.7603		PPK	1.1	1.9	5.8	1.66	0.32	5.18	1474.	51.	6.
3303	0000	-603	37.8938	81.7608		PPK	1.2	1.7	5.8	1.42	0.30	4.73	1531.	52.	8.
3304	0000	-605	37.8938	81.7613		PPK	1.3	1.6	5.3	1.29	0.31	4.13 -	1551.	55.	10.
3305	0000	-604	37.8938	81.7618		PPK	1.3	1.7	5.4	1.32	0.31	4.27 -	1539.	56.	10.
3306	0000	-605	37.8938	81.7623		PPK	1.2	1.9	5.4	1.54	0.36 +	4.33 -	1516.	58.	10.
3307	0000	-608	37.8938	81.7628		PPK	1.2	2.0	5.0	1.63	0.40 +	4.02 --	1491.	57.	9.
3308	0000	-611	37.8938	81.7634		PPK	1.2	1.6	5.2	1.36	0.31	4.40 -	1439.	57.	9.
3309	0000	-613	37.8938	81.7638		PPK	1.2	1.3	4.7	1.14	0.29	3.95 --	1374.	57.	10.
3310	0000	-614	37.8938	81.7643		PPK	1.1	1.5	4.5 -	1.36	0.33	4.16 -	1326.	53.	9.
3311	0000	-615	37.8938	81.7648		PPK	1.0	1.4	4.8	1.39	0.30	4.69	1311.	50.	8.
3312	0000	-619	37.8938	81.7654		PPK	1.0	1.7	4.8	1.66	0.35 +	4.70	1336.	48.	7.
3313	0000	-620	37.8938	81.7659		PPK	1.1	1.6	4.8	1.56	0.34	4.60 -	1386.	49.	7.
3314	0000	-622	37.8938	81.7664		PPK	1.1	1.6	5.3	1.45	0.30	4.90	1420.	51.	6.
3315	0000	-624	37.8938	81.7669		PPK	1.1	1.9	5.1	1.70	0.37 +	4.61 -	1447.	52.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-626	37.8938	81.7674		PPK	1.1	2.3 +	5.5	2.03 +	0.42 +	4.88	1487.	50.	5.
3317	0000	-627	37.8938	81.7679		PPK	1.1	2.4 +	5.9	2.11 +	0.40 +	5.24	1515.	50.	5.
3318	0000	-629	37.8938	81.7684		PPK	1.1	2.5 +	6.2	2.26 +	0.41 +	5.54	1538.	52.	7.
3319	0000	-630	37.8938	81.7689		PPK	1.2	2.3 +	6.4	1.98 +	0.36 +	5.48	1558.	51.	8.
3320	0000	-633	37.8938	81.7695		PPK	1.1	2.1	6.3	1.93 +	0.34	5.69	1528.	49.	10.
3321	0000	-634	37.8938	81.7700		PPK	1.1	1.9	6.2	1.74	0.32	5.51	1505.	48.	11.
3322	0000	-635	37.8938	81.7705		PPK	1.1	1.5	6.2	1.41	0.25	5.71	1490.	45.	13.
3323	0000	-637	37.8938	81.7710		PPK	1.0	1.0 -	6.1	0.94 -	0.16 -	5.86	1432.	48.	15.
3324	0000	-638	37.8938	81.7715		PPK	1.0	0.6 --	5.7	0.55 --	0.10 --	5.61	1385.	50.	17.
3325	0010	-639	37.8938	81.7720		PPK	1.0	0.4 N.A.	5.4	0.41 N.A.	0.08 N.A.	5.32	1350.	50.	17.
3326	0010	-641	37.8938	81.7725		PPK	0.9	0.3 N.A.	5.1	0.36 N.A.	0.07 N.A.	5.37	1316.	50.	18.
3327	0010	-641	37.8938	81.7730		PPK	0.9	0.3 N.A.	5.3	0.34 N.A.	0.06 N.A.	5.72	1313.	49.	17.
3328	0000	-641	37.8938	81.7735		PPK	0.9	0.4 ---	5.2	0.50 ---	0.09 --	5.76	1312.	48.	16.
3329	0000	-643	37.8938	81.7740		PPK	0.9	0.6 --	4.8	0.60 --	0.11 -	5.31	1290.	49.	16.
3330	0000	-644	37.8938	81.7746		PPK	0.9	0.9 -	4.5 -	1.00	0.19	5.29	1292.	48.	14.
3331	0000	-644	37.8938	81.7750		PPK	0.9	1.1 -	4.4 -	1.20	0.24	5.00	1282.	49.	14.
3332	0000	-648	37.8938	81.7756		PPK	0.9	1.0 -	4.3 -	1.09	0.23	4.82	1262.	48.	13.
3333	0000	-654	37.8937	81.7761		PPK	0.9	0.9 -	4.1 -	1.02	0.22	4.56 -	1247.	47.	13.
3334	0000	-657	37.8937	81.7766		PPK	0.9	1.0 -	3.7 -	1.07	0.26	4.17 -	1216.	48.	14.
3335	0000	-659	37.8937	81.7771		PPK	0.9	0.9 -	3.7 -	1.08	0.25	4.27 -	1186.	48.	14.
3336	0000	-660	37.8937	81.7776		PPK	0.9	0.9 -	3.9 -	1.04	0.23	4.52 -	1184.	49.	14.
3337	0000	-662	37.8937	81.7781		PPK	0.9	1.0 -	4.2 -	1.19	0.24	4.86	1205.	50.	14.
3338	0000	-663	37.8937	81.7786		PPK	0.9	1.2	4.5 -	1.32	0.26	5.15	1272.	47.	14.
3339	0000	-665	37.8937	81.7791		PPK	0.9	1.8	4.6 -	1.96 +	0.38 +	5.13	1360.	46.	14.
3340	0000	-670	37.8937	81.7796		PPK	0.9	1.8	4.6 -	1.97 +	0.38 +	5.12	1411.	46.	14.
3341	0000	-672	37.8937	81.7802		PPK	0.9	2.1	4.5 -	2.20 +	0.45 ++	4.85	1444.	45.	13.
3342	0000	-673	37.8937	81.7807		PPK	0.9	2.0	4.6 -	2.19 +	0.44 ++	4.97	1453.	46.	12.
3343	0000	-677	37.8937	81.7812		PPK	0.9	2.0	4.4 -	2.18 +	0.45 ++	4.82	1449.	43.	12.
3344	0000	-679	37.8937	81.7817		PPK	0.9	1.8	4.2 -	1.96 +	0.44 ++	4.50 -	1406.	44.	11.
3345	0000	-682	37.8937	81.7822		PPK	0.9	1.8	3.9 -	2.03 +	0.46 ++	4.44 -	1321.	46.	10.
3346	0000	-685	37.8937	81.7827		PPK	0.8 -	1.4	3.8 -	1.88	0.38 +	4.93	1201.	47.	9.
3347	0000	-685	37.8937	81.7832		PPK	0.7 -	1.5	3.7 -	2.02 +	0.39 +	5.12	1112.	48.	8.
3348	0000	-687	37.8937	81.7838		PPK	0.6 --	1.3	3.7 -	2.09 +	0.36 +	5.85	1047.	49.	8.
3349	0000	-690	37.8937	81.7843		PPK	0.7 -	1.5	3.7 -	2.26 +	0.40 +	5.61	1024.	49.	9.
3350	0000	-690	37.8937	81.7847		PPK	0.6 --	1.6	3.7 -	2.56 +	0.43 ++	5.90	1014.	50.	8.
3351	0000	-693	37.8937	81.7853		PPK	0.6 --	1.7	3.7 -	2.77 ++	0.45 ++	6.18	1044.	49.	9.
3352	0000	-697	37.8937	81.7858		PPK	0.6 --	1.8	4.2 -	2.92 ++	0.42 +	6.96 +	1087.	49.	9.
3353	0000	-698	37.8937	81.7863		PPK	0.8 -	1.4	4.5 -	1.91	0.32	5.96	1201.	48.	10.
3354	0000	-700	37.8937	81.7868		PPK	0.8 -	1.3	5.1	1.73	0.26	6.69 +	1308.	47.	10.
3355	0000	-704	37.8937	81.7873		PPK	0.8 -	1.4	5.0	1.71	0.27	6.24 +	1357.	49.	11.
3356	0000	-706	37.8937	81.7878		PPK	0.9	1.2	5.0	1.39	0.24	5.77	1383.	51.	11.
3357	0000	-707	37.8937	81.7883		PPK	0.9	1.1	5.0	1.22	0.22	5.60	1387.	49.	11.
3358	0000	-710	37.8937	81.7888		PPK	0.9	0.9 -	5.5	1.03	0.17 -	6.23 +	1355.	49.	12.
3359	0000	-714	37.8937	81.7894		PPK	0.9	0.8 -	4.9	0.88 -	0.16 -	5.61	1301.	49.	13.
3360	0000	-717	37.8937	81.7899		PPK	0.8 -	0.9 -	4.8	1.20	0.19	6.25 +	1205.	51.	14.
3361	0000	-719	37.8937	81.7903		PPK	0.7 -	1.0 -	4.1 -	1.42	0.25	5.75	1107.	54.	15.
3362	0000	-719	37.8937	81.7909		PPK	0.7 -	0.6 --	4.5 -	0.87 -	0.14 -	6.06	1053.	52.	16.
3363	0000	-722	37.8937	81.7914		PPK	0.6 --	0.8 -	4.6 -	1.17	0.16 -	7.22 ++	1035.	50.	16.
3364	0000	-725	37.8937	81.7920		PPK	0.6 --	0.9 -	4.8	1.52	0.20	7.77 ++	1048.	52.	16.
3365	0000	-727	37.8937	81.7925		PPK	0.8 -	0.9 -	5.1	1.21	0.18 -	6.71 +	1119.	53.	15.
3366	0000	-729	37.8937	81.7930		PPK	0.8 -	1.2	5.5	1.42	0.21	6.64 +	1214.	52.	15.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292 —

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-733	37.8937	81.7935		PPK	0.9	1.3	5.6	1.44	0.23	6.40 +	1269.	52.	14.
3368	0000	-735	37.8937	81.7940		PPK	0.9	1.5	5.7	1.57	0.25	6.19	1326.	50.	12.
3369	0000	-738	37.8937	81.7945		PPK	0.9	1.7	5.6	1.83	0.31	5.92	1384.	49.	12.
3370	0000	-741	37.8937	81.7950		PPK	1.0	1.6	5.8	1.61	0.27	5.87	1415.	50.	12.
3371	0000	-743	37.8937	81.7955		PPK	1.0	1.5	6.1	1.42	0.24	5.95	1438.	47.	12.
3372	0000	-746	37.8937	81.7960		PPK	0.9	1.5	5.6	1.61	0.27	5.96	1433.	47.	13.
3373	0000	-749	37.8937	81.7965		PPK	0.9	1.3	5.3	1.45	0.25	5.77	1411.	47.	14.
3374	0000	-750	37.8937	81.7970		PPK	0.9	1.3	5.2	1.39	0.25	5.57	1391.	46.	14.
3375	0000	-752	37.8937	81.7975		PPK	0.9	1.0 -	5.1	1.10	0.20	5.41	1350.	46.	15.
3376	0000	-756	37.8937	81.7980		PPK	0.9	1.0 -	4.7	1.09	0.20	5.38	1299.	46.	16.
3377	0000	-757	37.8937	81.7985		PPK	0.9	1.0 -	4.3 -	1.12	0.22	4.97	1233.	46.	15.
3378	0000	-759	37.8937	81.7991		PPA-1	0.8	1.1	3.6 -	1.34	0.30	4.42 -	1158.	45.	15.
3379	0000	-763	37.8937	81.7996		PPA-1	0.8	1.1	3.3 -	1.44	0.33	4.38 --	1072.	46.	14.
3380	0000	-765	37.8937	81.8000		PPA-1	0.7	1.0	3.3 -	1.34	0.29	4.63 -	990.	48.	12.
3381	0000	-766	37.8937	81.8006		PPA-1	0.7	0.9 -	3.0 --	1.31	0.28	4.62 -	941.	48.	12.
3382	0000	-769	37.8936	81.8011		PPA-1	0.6	1.0	3.2 -	1.55	0.30	5.17	931.	48.	10.
3383	0000	-772	37.8936	81.8016		PPA-1	0.6	1.1	3.3 -	1.75	0.34	5.20	951.	49.	9.
3384	0000	-774	37.8936	81.8022		PPK	0.7 -	1.0 -	3.3 -	1.52	0.30	5.08	978.	51.	9.
3385	0000	-777	37.8936	81.8027		PPK	0.7 -	1.0 -	3.8 -	1.43	0.27	5.39	1021.	54.	9.
3386	0000	-779	37.8936	81.8032		PPK	0.7 -	1.0 -	4.0 -	1.42	0.26	5.49	1067.	53.	9.
3387	0000	-781	37.8936	81.8037		PPK	0.8 -	1.1 -	4.2 -	1.38	0.25	5.43	1126.	51.	10.
3388	0000	-783	37.8936	81.8042		PPK	0.8 -	1.1	4.5 -	1.30	0.24	5.49	1202.	49.	11.
3389	0000	-786	37.8937	81.8047		PPK	0.9	0.9 -	4.3 -	1.05	0.21	5.01	1247.	51.	14.
3390	0000	-788	37.8937	81.8052		PPK	0.9	0.7 --	4.6 -	0.77 -	0.15 -	5.14	1306.	51.	15.
3391	0000	-791	37.8937	81.8057		PPK	1.0	0.8 -	4.9	0.88 -	0.17 -	5.19	1400.	49.	16.
3392	0000	-794	37.8937	81.8062		PPK	1.0	0.7 --	5.6	0.69 --	0.13 -	5.45	1492.	47.	18.
3393	0000	-796	37.8937	81.8067		PPK	1.0	0.9 -	5.9	0.85 -	0.15 -	5.78	1554.	47.	18.
3394	0000	-798	37.8937	81.8072		PPK	1.0	0.8 -	6.2	0.82 -	0.14 -	5.98	1587.	45.	19.
3395	0000	-801	37.8937	81.8078		PPK	1.0	1.0 -	6.2	0.99 -	0.16 -	6.10	1586.	45.	18.
3396	0000	-804	37.8937	81.8082		PPK	1.0	1.3	6.7	1.30	0.20	6.61 +	1577.	44.	16.
3397	0000	-807	37.8937	81.8087		PPK	1.0	1.4	6.5	1.42	0.22	6.42 +	1527.	44.	15.
3398	0000	-809	37.8937	81.8093		PPK	0.9	1.5	6.4	1.63	0.24	6.88 +	1448.	44.	13.
3399	0000	-812	37.8937	81.8098		PPK	0.8	1.6	6.0	1.89	0.27	7.09 +	1375.	43.	11.
3400	0000	-815	37.8936	81.8103		PPK	0.9	1.6	5.5	1.86	0.30	6.18	1331.	43.	9.
3401	0000	-818	37.8936	81.8108		PPK	0.9	1.7	5.2	1.86	0.32	5.75	1321.	45.	9.
3402	0000	-821	37.8936	81.8113		PPK	0.9	1.8	5.3	1.89	0.33	5.63	1342.	47.	8.
3403	0000	-823	37.8936	81.8118		PPK	1.0	1.5	5.3	1.53	0.29	5.36	1377.	48.	9.
3404	0000	-825	37.8936	81.8124		PPK	1.0	1.4	5.5	1.38	0.25	5.49	1411.	47.	9.
3405	0000	-828	37.8936	81.8129		PPK	1.0	1.4	5.7	1.40	0.24	5.71	1416.	47.	10.
3406	0000	-832	37.8936	81.8134		PPK	1.0	1.3	5.5	1.27	0.23	5.51	1385.	47.	11.
3407	0000	-832	37.8936	81.8139		PPK	0.9	1.0 -	5.8	1.04	0.17 -	6.19	1347.	49.	11.
3408	0000	-832	37.8936	81.8144		PPK	0.9	0.9 -	5.5	1.04	0.17 -	6.29 +	1290.	49.	11.
3409	0000	-836	37.8936	81.8149		PPK	0.8 -	0.8 -	5.4	1.00	0.15 -	6.59 +	1231.	48.	11.
3410	0000	-839	37.8936	81.8154		PPK	0.8 -	1.0 -	5.5	1.28	0.18 -	7.27 ++	1192.	45.	11.
3411	0000	-843	37.8936	81.8160		PPK	0.8 -	0.9 -	5.6	1.22	0.17 -	7.20 ++	1169.	45.	11.
3412	0000	-846	37.8936	81.8164		PPK	0.8	0.8 -	5.4	1.00 -	0.16 -	6.37 +	1180.	44.	12.
3413	0000	-847	37.8936	81.8169		PPK	0.9	0.9 -	5.3	0.96 -	0.17 -	5.71	1214.	44.	12.
3414	0000	-849	37.8936	81.8174		PPK	1.0	1.1 -	5.1	1.11	0.21	5.32	1246.	43.	12.
3415	0000	-852	37.8936	81.8180		PPK	1.0	1.1	5.4	1.18	0.21	5.63	1279.	43.	12.
3416	0000	-854	37.8936	81.8185		PPK	1.0	1.2	5.2	1.25	0.24	5.31	1303.	43.	12.
3417	0000	-856	37.8936	81.8190		PPK	1.0	1.2	4.9	1.22	0.25	4.85	1321.	45.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-858	37.8936	81.8195		PPK	0.9	1.3	4.9	1.41	0.27	5.16	1326.	44.	12.
3419	0000	-861	37.8936	81.8200		PPK	0.9	1.3	4.8	1.45	0.28	5.20	1340.	43.	13.
3420	0000	-865	37.8936	81.8205		PPK	1.0	1.3	5.4	1.37	0.24	5.62	1362.	45.	14.
3421	0000	-869	37.8936	81.8210		PPK	1.0	1.3	5.7	1.31	0.23	5.60	1428.	44.	15.
3422	0000	-871	37.8936	81.8215		PPK	1.1	1.4	6.0	1.22	0.23	5.26	1510.	43.	15.
3423	0000	-873	37.8936	81.8220		PPK	1.2	1.3	6.1	1.10	0.22	5.05	1575.	43.	17.
3424	0000	-877	37.8936	81.8225		PPK	1.2	1.2	6.3	0.97 -	0.19	5.14	1614.	43.	18.
3425	0000	-881	37.8936	81.8231		PPK	1.4	1.2	6.5	0.88 -	0.18 -	4.74	1690.	42.	19.
3426	0000	-883	37.8936	81.8236		PPK	1.4	1.2	6.9	0.88 -	0.18 -	5.02	1737.	43.	18.
3427	0000	-887	37.8936	81.8241		PPK	1.3	1.3	6.9	0.95 -	0.19 -	5.14	1780.	41.	18.
3428	0000	-892	37.8936	81.8247		PPK	1.3	1.1	6.7	0.88 -	0.17 -	5.13	1766.	43.	17.
3429	0000	-896	37.8936	81.8252		PPK	1.3	1.3	6.8	1.02	0.19	5.33	1746.	43.	16.
3430	0000	-898	37.8937	81.8258		PPK	1.2	1.2	7.0	0.96 -	0.17 -	5.60	1740.	44.	15.
3431	0000	-900	37.8937	81.8263		PPK	1.3	1.2	7.0	0.97 -	0.17 -	5.58	1772.	44.	14.
3432	0000	-902	37.8936	81.8269		PPK	1.3	1.6	7.2	1.26	0.22	5.77	1792.	47.	13.
3433	0000	-904	37.8936	81.8274		PPK	1.3	1.7	7.5	1.32	0.23	5.73	1832.	48.	12.
3434	0000	-907	37.8937	81.8279		PPK	1.4	1.8	7.6 +	1.34	0.24	5.52	1868.	47.	12.
3435	0000	-909	37.8937	81.8285		PPK	1.4 +	2.0	7.7 +	1.41	0.26	5.37	1920.	45.	11.
3436	0000	-910	37.8937	81.8290		PPK	1.5 +	2.0	8.2 +	1.36	0.25	5.49	1960.	48.	10.
3437	0000	-912	37.8937	81.8296		PPK	1.6 +	2.1	8.7 +	1.31	0.24	5.49	2032.	43.	9.
3438	0000	-915	37.8937	81.8300		PPK	1.7 +	2.3 +	8.7 +	1.37	0.26	5.23	2077.	43.	8.
3439	0000	-916	37.8937	81.8307		PPK	1.7 +	1.9	8.7 +	1.12	0.22	5.12	2085.	42.	7.
3440	0000	-918	37.8937	81.8312		PPK	1.7 +	1.9	8.5 +	1.10	0.22	4.92	2067.	44.	7.
3441	0000	-921	37.8937	81.8316		PPK	1.7 +	2.1	8.5 +	1.29	0.25	5.16	2052.	47.	6.
3442	0000	-922	37.8938	81.8322		PPK	1.6 +	2.1	8.3 +	1.33	0.25	5.24	1960.	47.	6.
3443	0000	-924	37.8938	81.8327		PPK	1.5 +	1.9	7.7 +	1.31	0.25	5.21	1875.	47.	7.
3444	0000	-926	37.8938	81.8333		PPK	1.4	1.7	7.1	1.26	0.24	5.15	1754.	53.	8.
3445	0000	-927	37.8938	81.8338		PPK	1.2	1.8	6.2	1.49	0.29	5.20	1626.	56.	9.
3446	0000	-931	37.8938	81.8344		PPK	1.1	1.7	6.0	1.54	0.29	5.39	1535.	57.	10.
3447	0000	-934	37.8938	81.8349		PPK	1.0	1.8	5.5	1.71	0.32	5.34	1486.	55.	11.
3448	0000	-936	37.8938	81.8355		PPK	1.0	1.6	5.4	1.56	0.30	5.29	1467.	54.	11.
3449	0000	-937	37.8938	81.8360		PPK	1.1	1.6	5.7	1.46	0.29	5.07	1560.	55.	11.
3450	0000	-940	37.8938	81.8365		PPK	1.2	2.3 +	5.9	1.82	0.38 +	4.75	1678.	55.	11.
3451	0000	-942	37.8939	81.8371		PPK	1.4	2.7 +	6.2	1.94 +	0.43 +	4.54 -	1830.	54.	10.
3452	0000	-944	37.8939	81.8376		PPK	1.5 +	3.0 +	7.4	1.92	0.40 +	4.78	1991.	51.	8.
3453	0000	-947	37.8939	81.8382		PPK	1.6 +	3.4 ++	8.2 +	2.09 +	0.42 +	5.01	2143.	50.	7.
3454	0000	-949	37.8939	81.8387		PPK	1.7 +	3.7 ++	9.4 ++	2.21 +	0.39 +	5.67	2284.	50.	5.
3455	0000	-951	37.8939	81.8393		PPK	1.8 +	3.8 ++	9.5 ++	2.14 +	0.40 +	5.39	2344.	50.	5.
3456	0000	-953	37.8939	81.8398		PPK	1.8 +	3.8 ++	9.5 ++	2.12 +	0.40 +	5.33	2360.	51.	4.
3457	0000	-955	37.8939	81.8403		PPK	1.7 +	3.7 ++	10.1 ++	2.13 +	0.37 +	5.78	2361.	49.	3.
3458	0000	-958	37.8939	81.8409		PPK	1.7 +	3.7 ++	10.5 +++	2.11 +	0.35	6.01	2325.	49.	2.
3459	0000	-960	37.8939	81.8414		PPK	1.7 +	3.6 ++	10.4 ++	2.07 +	0.34	6.05	2289.	49.	3.
3460	0000	-961	37.8939	81.8420		PPK	1.6 +	3.5 ++	9.8 ++	2.19 +	0.36 +	6.15	2194.	47.	3.
3461	0000	-964	37.8939	81.8425		PPK	1.6 +	3.1 ++	8.7 +	2.01 +	0.36 +	5.59	2077.	48.	4.
3462	0000	-968	37.8939	81.8430		PPK	1.5 +	3.1 ++	8.2 +	2.14 +	0.38 +	5.56	1992.	47.	4.
3463	0000	-968	37.8940	81.8436		PPK	1.3	3.1 ++	8.3 +	2.33 +	0.37 +	6.23 +	1899.	47.	5.
3464	0000	-968	37.8940	81.8442		PPK	1.3	2.6 +	7.7 +	2.07 +	0.34	6.10	1804.	47.	5.
3465	0000	-969	37.8940	81.8446		PPK	1.1	2.5 +	7.2	2.24 +	0.35 +	6.33 +	1726.	46.	6.
3466	0000	-970	37.8940	81.8451		PPK	1.0	2.3 +	6.9	2.26 +	0.34	6.67 +	1653.	48.	6.
3467	0000	-971	37.8940	81.8457		PPK	1.1	2.1	6.6	1.99 +	0.32	6.25 +	1607.	48.	6.
3468	0000	-973	37.8940	81.8462		PPK	1.0	2.0	6.8	1.92	0.29	6.53 +	1596.	48.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

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3469	0000	-976	37.8940	81.8468		PPK	1.0	2.0	7.0	1.97 +	0.29	6.83 +	1600.	50.	8.
3470	0000	-978	37.8940	81.8473		PPK	1.1	2.1	6.9	1.92	0.30	6.43 +	1640.	51.	9.
3471	0000	-980	37.8940	81.8479		PPK	1.1	2.1	6.6	1.80	0.31	5.79	1709.	50.	10.
3472	0000	-980	37.8941	81.8484		PPK	1.2	1.9	6.9	1.56	0.27	5.76	1743.	52.	11.
3473	0000	-981	37.8941	81.8489		PPK	1.3	1.7	7.0	1.34	0.24	5.53	1748.	53.	11.
3474	0000	-987	37.8941	81.8495		PPK	1.2	1.6	7.0	1.34	0.23	5.79	1734.	52.	11.
3475	0000	-989	37.8941	81.8500		PPK	1.2	1.8	7.1	1.47	0.26	5.75	1718.	50.	10.
3476	0000	-987	37.8941	81.8506		PPK	1.2	1.8	7.3	1.47	0.24	6.02	1679.	49.	9.
3477	0000	-990	37.8941	81.8511		PPK	1.2	1.8	7.2	1.47	0.24	6.01	1650.	49.	8.
3478	0000	-993	37.8941	81.8517		PPK	1.1	2.0	7.3	1.75	0.27	6.52 +	1598.	50.	7.
3479	0000	-993	37.8941	81.8522		PPK	1.0	2.3 +	7.3	2.23 +	0.32	7.03 +	1573.	49.	5.
3480	0000	-996	37.8941	81.8527		PPK	1.0	2.6 +	6.9	2.71 ++	0.38 +	7.12 +	1566.	48.	5.
3481	0000	-999	37.8941	81.8533		PPK	1.0	2.7 +	6.7	2.80 ++	0.41 +	6.86 +	1574.	49.	6.
3482	0000	-999	37.8941	81.8538		PPK	1.0	2.9 +	6.6	3.00 ++	0.43 +	6.97 +	1579.	51.	6.
3483	0000	-1001	37.8941	81.8544		PPK	1.0	2.8 +	6.3	2.94 ++	0.45 ++	6.58 +	1590.	49.	7.
3484	0000	-1004	37.8942	81.8549		PPK	1.0	2.6 +	6.3	2.63 +	0.41 +	6.39 +	1607.	48.	8.
3485	0000	-1006	37.8942	81.8555		PPK	1.0	2.4 +	6.6	2.28 +	0.36 +	6.35 +	1615.	48.	9.
3486	0000	-1008	37.8942	81.8560		PPK	1.0	2.0	6.3	1.96 +	0.32	6.12	1608.	50.	10.
3487	0000	-1012	37.8942	81.8565		PPK	1.1	1.8	6.9	1.66	0.26	6.49 +	1655.	48.	10.
3488	0000	-1014	37.8942	81.8570		PPK	1.2	1.5	7.3	1.29	0.21	6.20	1714.	47.	11.
3489	0000	-1016	37.8942	81.8575		PPK	1.3	1.3	7.2	1.04	0.18 -	5.68	1765.	48.	12.
3490	0000	-1019	37.8942	81.8582		PPK	1.3	1.4	7.2	1.11	0.20	5.57	1820.	49.	12.
3491	0000	-1021	37.8942	81.8586		PPK	1.3	1.4	7.2	1.06	0.20	5.43	1844.	48.	11.
3492	0000	-1025	37.8942	81.8592		PPK	1.4	1.4	6.8	1.01	0.20	4.94	1852.	48.	11.
3493	0000	-1027	37.8943	81.8597		PPK	1.4	1.5	6.8	1.06	0.22	4.80	1834.	45.	10.
3494	0000	-1027	37.8943	81.8603		PPK	1.4	1.6	6.3	1.14	0.25	4.63 -	1786.	48.	11.
3495	0000	-1030	37.8943	81.8608		PPK	1.3	1.5	6.2	1.14	0.25	4.61 -	1747.	47.	12.
3496	0000	-1032	37.8943	81.8614		PPK	1.3	1.4	5.8	1.12	0.24	4.59 -	1665.	48.	12.
3497	0000	-1033	37.8943	81.8619		PPK	1.2	1.2	5.8	0.98 -	0.20	4.90	1589.	47.	12.
3498	0000	-1034	37.8943	81.8624		PPK	1.1	1.1	5.8	1.00	0.19	5.33	1512.	48.	13.
3499	0000	-1035	37.8943	81.8630		PPK	1.0	1.0 -	5.6	1.08	0.18 -	5.81	1426.	47.	15.
3500	0000	-1035	37.8943	81.8635		PPK	0.9	0.9 -	5.5	1.03	0.17 -	6.02	1366.	49.	15.
3501	0000	-1036	37.8943	81.8640		PPK	0.9	0.8 -	5.4	0.92 -	0.15 -	6.22 +	1290.	49.	16.
3502	0000	-1039	37.8943	81.8646		PPK	0.8 -	0.9 -	5.1	1.13	0.17 -	6.62 +	1213.	49.	15.
3503	0000	-1040	37.8943	81.8651		PPK	0.7 -	0.8 -	5.4	1.12	0.15 -	7.50 ++	1171.	47.	15.
3504	0000	-1039	37.8943	81.8657		PPK	0.7 -	0.8 -	5.2	1.09	0.15 -	7.17 ++	1151.	47.	16.
3505	0000	-1041	37.8944	81.8662		PPK	0.7 -	1.0 -	4.7	1.44	0.21	6.91 +	1116.	47.	16.
3506	0000	-1042	37.8944	81.8668		PPK	0.7 -	0.9 -	4.6 -	1.45	0.20	7.09 +	1102.	49.	16.
3507	0000	-1042	37.8944	81.8673		PPK	0.7 -	0.9 -	4.3 -	1.37	0.21	6.44 +	1113.	47.	16.
3508	0000	-1042	37.8944	81.8678		PPK	0.7 -	0.9 -	4.3 -	1.31	0.21	6.12	1131.	46.	16.
3509	0000	-1044	37.8944	81.8683		PPK	0.7 -	1.1 -	4.7	1.50	0.23	6.64 +	1167.	46.	15.
3510	0000	-1046	37.8944	81.8689		PPA-1	0.7	1.2	4.7	1.57	0.25	6.30	1200.	47.	14.
3511	0000	-1048	37.8944	81.8695		PPA-1	0.8	1.2	4.8	1.51	0.24	6.20	1220.	45.	14.
3512	0000	-1051	37.8944	81.8700		PPA-1	0.9	1.2	4.7	1.35	0.25	5.44	1267.	46.	13.
3513	0000	-1053	37.8944	81.8705		PPA-1	1.0	1.3	4.9	1.29	0.26	5.00 -	1329.	43.	12.
3514	0000	-1055	37.8945	81.8710		PPA-1	1.0	1.4	5.4	1.31	0.25	5.17	1392.	42.	11.
3515	0000	-1056	37.8945	81.8716		PPA-1	1.1 +	1.6	5.6	1.44	0.28	5.06	1489.	43.	11.
3516	0000	-1059	37.8945	81.8721		PPK	1.2	1.7	5.5	1.49	0.31	4.81	1543.	42.	10.
3517	0000	-1059	37.8945	81.8727		PPK	1.2	1.8	6.2	1.43	0.28	5.08	1605.	42.	10.
3518	0000	-1060	37.8945	81.8732		PPK	1.3	1.9	6.4	1.51	0.30	4.99	1682.	44.	9.
3519	0000	-1062	37.8945	81.8738		PPK	1.3	1.9	7.4	1.47	0.26	5.65	1743.	42.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3520	0000	-1062	37.8945	81.8743		PPK	1.3	2.1	7.4	1.56	0.28	5.57	1770.	43.	8.
3521	0000	-1063	37.8945	81.8748		PPK	1.3	2.0	7.1	1.54	0.28	5.49	1738.	46.	8.
3522	0000	-1064	37.8946	81.8754		PPK	1.2	1.9	7.0	1.55	0.27	5.65	1667.	45.	7.
3523	0000	-1064	37.8946	81.8759		PPK	1.2	1.8	6.6	1.53	0.27	5.67	1590.	47.	8.
3524	0000	-1065	37.8945	81.8764		PPK	1.1	1.8	5.9	1.69	0.30	5.54	1518.	45.	8.
3525	0000	-1068	37.8945	81.8770		PPK	1.0	1.6	5.6	1.55	0.28	5.62	1414.	47.	10.
3526	0000	-1068	37.8946	81.8775		PPK	1.0	1.4	5.1	1.41	0.27	5.20	1337.	49.	11.
3527	0000	-1068	37.8946	81.8780		PPK	0.9	1.2	5.2	1.43	0.24	6.02	1298.	48.	12.
3528	0000	-1070	37.8946	81.8786		PPK	0.8 -	1.4	5.6	1.66	0.24	6.84 +	1314.	46.	12.
3529	0000	-1070	37.8946	81.8791		PPK	0.9	1.1	5.6	1.30	0.20	6.52 +	1359.	46.	14.
3530	0000	-1070	37.8947	81.8797		PPK	0.9	1.0 -	6.5	1.03	0.15 -	6.84 +	1437.	44.	15.
3531	0000	-1073	37.8947	81.8802		PPK	1.0	1.0 -	6.2	1.02	0.16 -	6.37 +	1459.	45.	15.
3532	0000	-1074	37.8946	81.8808		PPK	1.0	1.1	6.2	1.16	0.18 -	6.55 +	1477.	42.	15.
3533	0000	-1074	37.8946	81.8813		PPK	0.9	1.1	6.2	1.22	0.18 -	6.66 +	1453.	40.	14.
3534	0000	-1075	37.8946	81.8818		PPK	0.9	1.2	5.7	1.29	0.20	6.33 +	1411.	42.	13.
3535	0000	-1076	37.8947	81.8824		PPK	0.9	1.3	5.3	1.44	0.24	5.93	1368.	42.	12.
3536	0000	-1076	37.8947	81.8829		PPK	0.9	1.5	5.1	1.78	0.30	5.95	1304.	43.	10.
3537	0000	-1078	37.8947	81.8834		PPK	0.8 -	1.6	4.6 -	1.96 +	0.35 +	5.54	1269.	44.	9.
3538	0000	-1079	37.8947	81.8840		PPK	0.9	1.9	4.9	2.19 +	0.39 +	5.65	1282.	45.	8.
3539	0000	-1080	37.8947	81.8845		PPA-1	1.0	1.8 +	5.1	1.84	0.35	5.34	1316.	49.	7.
3540	0000	-1083	37.8947	81.8851		PPA-1	1.0	1.9 +	5.5	1.84	0.34	5.41	1359.	49.	7.
3541	0000	-1083	37.8947	81.8856		PPA-1	1.0	1.7	5.7	1.66	0.30	5.53	1370.	48.	6.
3542	0000	-1081	37.8947	81.8862		PPA-1	1.1 +	1.4	5.7	1.34	0.25	5.29	1349.	51.	6.
3543	0000	-1083	37.8948	81.8867		PPA-1	1.0	1.3	5.8	1.25	0.22	5.61	1319.	50.	6.
3544	0000	-1084	37.8948	81.8873		PPA-1	1.0	1.4	5.4	1.37	0.25	5.47	1262.	49.	6.
3545	0000	-1085	37.8948	81.8878		PPA-1	0.9	1.0	5.5	1.04 -	0.18 -	5.78	1208.	49.	6.
3546	0000	-1086	37.8947	81.8883		PPA-1	0.8	1.0	5.3	1.23	0.19 -	6.42	1163.	48.	7.
3547	0000	-1085	37.8948	81.8889		PPA-1	0.8	1.0	5.4	1.26	0.19 -	6.73 +	1141.	48.	8.
3548	0000	-1086	37.8948	81.8893		PPA-1	0.8	1.2	5.3	1.54	0.23	6.70 +	1150.	51.	9.
3549	0000	-1087	37.8948	81.8899		PPA-1	0.8	1.3	5.4	1.66	0.24	6.88 +	1203.	47.	10.
3550	0000	-1087	37.8948	81.8904		PPA-1	0.9	1.4	5.3	1.62	0.26	6.21	1250.	47.	11.
3551	0000	-1087	37.8949	81.8911		PPA-1	0.9	1.3	5.2	1.54	0.25	6.11	1271.	50.	12.
3552	0000	-1087	37.8949	81.8915		PPA-1	0.8	1.4	5.1	1.67	0.28	6.04	1295.	49.	13.
3553	0000	-1087	37.8949	81.8921		PPA-1	0.9	1.5	5.0	1.70	0.29	5.86	1328.	47.	13.
3554	0000	-1089	37.8948	81.8926		PPA-1	0.8	1.8 +	4.4	2.23 +	0.41 +	5.44	1338.	48.	13.
3555	0000	-1091	37.8948	81.8931		PPA-1	0.8	1.6	4.6	2.01	0.36	5.63	1321.	46.	12.
3556	0000	-1091	37.8949	81.8937		PPA-1	0.8	1.5	4.5	1.88	0.34	5.60	1257.	47.	12.
3557	0000	-1091	37.8949	81.8942		PPA-1	0.7	1.5	4.2	1.98	0.35	5.68	1207.	46.	11.
3558	0000	-1092	37.8949	81.8948		PPA-1	0.7	1.5	4.1	1.96	0.35	5.55	1186.	45.	10.
3559	0000	-1091	37.8949	81.8953		PPA-1	0.7	1.6	4.2	2.15	0.37 +	5.86	1163.	46.	8.
3560	0000	-1094	37.8949	81.8959		PPA-1	0.7	1.6	4.0	2.26 +	0.40 +	5.58	1118.	47.	6.
3561	0000	-1095	37.8949	81.8964		PPA-1	0.7	1.5	4.0	2.15	0.37 +	5.77	1075.	47.	5.
3562	0000	-1093	37.8949	81.8969		PPA-1	0.7	1.6	3.9	2.31 +	0.41 +	5.69	1056.	46.	4.
3563	0000	-1096	37.8949	81.8975		PPA-1	0.6	1.8 +	3.7 -	2.83 +	0.49 ++	5.74	1054.	49.	3.
3564	0000	-1099	37.8950	81.8980		PPA-1	0.6 -	2.0 +	3.9	3.22 ++	0.51 ++	6.28	1062.	49.	1.
3565	0000	-1097	37.8950	81.8986		PPA-1	0.6 -	2.0 +	4.0	3.52 ++	0.50 ++	7.09 +	1050.	50.	1.
3566	0000	-1098	37.8950	81.8991		PPA-1	0.6 -	2.0 +	4.0	3.37 ++	0.51 ++	6.62	1059.	51.	1.
3567	0000	-1099	37.8950	81.8997		PPA-1	0.6	2.0 +	4.0	3.14 ++	0.50 ++	6.26	1075.	51.	1.
3568	0000	-1098	37.8950	81.9002		PPA-1	0.7	2.0 +	4.2	2.93 +	0.47 ++	6.25	1111.	51.	1.
3569	0000	-1101	37.8950	81.9007		PPA-1	0.7	2.0 +	4.3	2.94 +	0.47 ++	6.23	1159.	52.	2.
3570	0000	-1103	37.8950	81.9012		PPA-1	0.8	2.1 +	4.6	2.67 +	0.45 ++	5.92	1226.	52.	2.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

* TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3571	0000	-1103	37.8950	81.9017	PPK	0.8	2.1	5.0	2.48 +	0.42 +	5.89	1303.	51.	4.
3572	0000	-1103	37.8951	81.9024	PPK	0.9	2.3 +	5.6	2.57 +	0.41 +	6.21	1407.	50.	4.
3573	0000	-1102	37.8951	81.9028	PPK	1.0	2.0	6.1	2.00 +	0.33	6.04	1480.	47.	6.
3574	0000	-1105	37.8951	81.9034	PPK	1.1	2.0	6.4	1.84	0.31	6.02	1543.	47.	7.
3575	0000	-1107	37.8951	81.9039	PPK	1.1	1.6	7.0	1.47	0.23	6.38 +	1587.	45.	9.
3576	0000	-1106	37.8951	81.9044	PPK	1.2	1.4	7.3	1.18	0.20	6.01	1640.	44.	11.
3577	0000	-1105	37.8951	81.9050	PPK	1.2	1.4	7.4	1.22	0.19	6.28 +	1667.	42.	12.
3578	0000	-1105	37.8950	81.9055	PPK	1.2	1.2	7.6 +	0.98 -	0.15 -	6.40 +	1656.	41.	13.
3579	0000	-1102	37.8950	81.9059	PPK	1.2	0.9 -	7.2	0.75 -	0.12 -	6.00	1620.	43.	14.
3580	0000	-1099	37.8950	81.9064	PPK	1.1	1.1	6.6	0.96 -	0.16 -	5.89	1572.	46.	15.
3581	0000	-1095	37.8950	81.9069	PPK	1.1	0.8 -	6.6	0.78 -	0.13 -	6.01	1524.	46.	15.
3582	0000	-1095	37.8950	81.9073	PPK	1.1	1.1 -	6.0	0.98 -	0.18 -	5.56	1472.	44.	14.
3583	0000	-1099	37.8950	81.9079	PPK	0.9	1.2	5.8	1.25	0.20	6.09	1393.	46.	14.
3584	0000	-1101	37.8950	81.9084	PPK	0.9	0.9 -	5.8	1.07	0.16 -	6.70 +	1320.	46.	13.
3585	0000	-1103	37.8949	81.9088	PPK	0.8 -	0.9 -	5.4	1.11	0.17 -	6.53 +	1250.	47.	13.
3586	0000	-1105	37.8949	81.9093	PPK	0.8 -	1.1	5.0	1.41	0.22	6.38 +	1196.	46.	12.
3587	0000	-1106	37.8949	81.9097	PPK	0.8 -	1.0 -	5.1	1.26	0.19 -	6.76 +	1154.	44.	11.
3588	0000	-1105	37.8949	81.9102	PPK	0.7 -	1.0 -	5.1	1.34	0.19 -	7.13 +	1124.	44.	11.
3589	0000	-1105	37.8949	81.9108	PPK	0.7 -	0.9 -	4.7	1.27	0.18 -	6.93 +	1096.	46.	11.
3590	0000	-1106	37.8949	81.9112	PPK	0.7 -	0.7 --	4.5 -	1.07	0.17 -	6.48 +	1089.	45.	11.
3591	0000	-1107	37.8949	81.9117	PPK	0.8 -	0.7 --	4.0 -	0.97 -	0.18 -	5.28	1082.	45.	11.
3592	0000	-1108	37.8949	81.9122	PPK	0.8 -	0.8 -	4.0 -	1.02	0.20	5.11	1104.	45.	11.
3593	0000	-1105	37.8949	81.9126	PPK	0.8 -	0.9 -	4.0 -	1.14	0.22	5.24	1114.	44.	10.
3594	0000	-1103	37.8949	81.9132	PPK	0.7 -	1.0 -	4.0 -	1.39	0.25	5.53	1124.	45.	10.
3595	0000	-1105	37.8949	81.9137	PPK	0.7 -	1.2	4.1 -	1.65	0.29	5.66	1143.	42.	9.
3596	0000	-1105	37.8949	81.9141	PPK	0.7 -	1.2	4.6 -	1.68	0.26	6.34 +	1138.	42.	8.
3597	0000	-1104	37.8949	81.9146	PPK	0.7 -	1.2	4.5 -	1.76	0.28	6.32 +	1127.	44.	8.
3598	0000	-1104	37.8949	81.9150	PPK	0.7 -	1.3	4.7 -	1.84	0.28	6.66 +	1134.	44.	7.
3599	0000	-1103	37.8949	81.9155	PPK	0.7 -	1.3	4.3 -	1.85	0.31	6.01	1132.	44.	7.
3600	0000	-1104	37.8948	81.9161	PPK	0.8 -	1.2	4.4 -	1.53	0.26	5.87	1145.	45.	7.
3601	0000	-1105	37.8948	81.9165	PPK	0.8 -	1.2	4.0 -	1.52	0.30	4.98	1149.	46.	7.
3602	0000	-1105	37.8948	81.9170	PPK	0.8 -	1.1	3.6 -	1.40	0.30	4.65 -	1134.	49.	9.
3603	0000	-1106	37.8948	81.9175	PPK	0.8	1.1	3.5 -	1.32	0.31	4.20 -	1146.	51.	9.
3604	0000	-1106	37.8948	81.9179	PPK	0.9	1.0 -	3.5 -	1.13	0.28	4.03 --	1133.	50.	10.
3605	0000	-1106	37.8948	81.9184	PPK	0.8 -	0.9 -	3.2 --	1.14	0.30	3.84 --	1109.	52.	11.
3606	0000	-1107	37.8947	81.9190	PPK	0.8 -	0.9 -	3.3 -	1.18	0.28	4.18 -	1076.	51.	12.
3607	0000	-1105	37.8947	81.9194	PPK	0.8 -	0.9 -	3.4 -	1.14	0.26	4.47 -	1042.	50.	11.
3608	0000	-1105	37.8947	81.9199	PPK	0.7 -	0.9 -	3.5 -	1.21	0.25	4.85	1019.	49.	12.
3609	0000	-1106	37.8947	81.9203	PPK	0.7 -	1.0 -	3.1 --	1.41	0.31	4.57 -	995.	48.	12.
3610	0000	-1104	37.8947	81.9208	PPK	0.6 --	1.0 -	3.1 --	1.64	0.33	4.97	980.	46.	12.
3611	0000	-1101	37.8947	81.9213	PPK	0.6 --	1.1	3.1 --	1.88	0.35 +	5.33	979.	47.	12.
3612	0000	-1101	37.8947	81.9217	PPK	0.6 --	1.0 -	3.2 --	1.73	0.32	5.41	976.	47.	11.
3613	0000	-1099	37.8947	81.9223	PPK	0.6 --	1.0 -	3.3 -	1.72	0.30	5.72	995.	47.	12.
3614	0000	-1098	37.8947	81.9228	PPK	0.6 --	1.0 -	3.4 -	1.61	0.29	5.58	1030.	45.	12.
3615	0000	-1100	37.8947	81.9232	PPK	0.6 --	0.8 -	3.6 -	1.29	0.23	5.64	1056.	46.	14.
3616	0000	-1101	37.8947	81.9237	PPK	0.7 -	0.8 -	4.0 -	1.14	0.20	5.70	1104.	49.	14.
3617	0000	-1100	37.8947	81.9242	PPK	0.8 -	0.9 -	3.9 -	1.21	0.23	5.20	1138.	50.	14.
3618	0000	-1101	37.8947	81.9247	PPK	0.8 -	1.0 -	4.1 -	1.19	0.23	5.07	1152.	51.	14.
3619	0000	-1103	37.8947	81.9252	PPK	0.8 -	1.1 -	4.1 -	1.33	0.26	5.12	1165.	49.	15.
3620	0000	-1104	37.8947	81.9256	PPK	0.8 -	1.0 -	4.1 --	1.24	0.24	5.09	1140.	51.	15.
3621	0000	-1104	37.8946	81.9261	PPK	0.8 -	0.8 -	3.8 -	1.08	0.22	4.94	1087.	52.	15.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292 —

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3622	0000	-1103	37.8946	81.9266	PPK	0.7 -	1.0 -	3.4 -	1.38	0.29	4.84	1035.	54.	14.
3623	0000	-1100	37.8946	81.9270	PPK	0.6 --	0.8 -	3.0 --	1.29	0.28	4.58 -	975.	51.	15.
3624	0000	-1097	37.8946	81.9276	PPK	0.6 --	0.6 --	3.0 --	1.05	0.21	5.08	921.	49.	14.
3625	0000	-1095	37.8946	81.9281	PPK	0.6 --	0.7 --	2.8 --	1.18	0.24	4.81	903.	49.	14.
3626	0000	-1095	37.8946	81.9285	PPK	0.6 --	0.7 --	2.9 --	1.21	0.24	4.85	896.	50.	13.
3627	0000	-1094	37.8945	81.9290	PPK	0.6 --	0.6 --	2.8 --	1.10	0.23	4.77	909.	49.	13.
3628	0000	-1095	37.8945	81.9295	PPK	0.6 --	0.8 -	3.1 --	1.34	0.25	5.43	940.	50.	12.
3629	0000	-1098	37.8945	81.9299	PPK	0.6 --	0.8 -	3.4 -	1.34	0.24	5.69	948.	51.	11.
3630	0000	-1098	37.8945	81.9304	PPK	0.6 --	1.1	3.7 -	1.78	0.30	5.96	985.	51.	10.
3631	0000	-1099	37.8945	81.9309	PPK	0.6 --	1.3	3.7 -	2.04 +	0.36 +	5.70	1028.	55.	9.
3632	0000	-1102	37.8945	81.9314	PPK	0.7 -	1.5	4.0 -	2.19 +	0.38 +	5.77	1077.	55.	8.
3633	0000	-1103	37.8945	81.9319	PPK	0.7 -	1.5	4.5 -	2.08 +	0.34	6.10	1133.	54.	8.
3634	0000	-1102	37.8945	81.9324	PPA-1	0.8	1.9 +	4.8	2.47 +	0.40 +	6.25	1190.	54.	6.
3635	0000	-1102	37.8945	81.9328	PPA-1	0.8	2.1 +	4.6	2.62 +	0.45 ++	5.75	1244.	54.	6.
3636	0000	-1103	37.8945	81.9333	PPA-1	0.9	2.3 ++	5.4	2.61 +	0.42 +	6.24	1338.	52.	5.
3637	0000	-1103	37.8945	81.9338	PPA-1	0.9	2.1 +	5.7	2.27 +	0.38 +	6.03	1392.	54.	4.
3638	0000	-1100	37.8945	81.9343	PPA-1	1.0	2.1 +	6.1 +	2.10	0.35	6.08	1436.	52.	4.
3639	0000	-1099	37.8944	81.9347	PPA-1	1.1 +	2.0 +	6.2 +	1.93	0.33	5.83	1486.	50.	4.
3640	0000	-1098	37.8944	81.9352	PPA-1	1.1 +	2.1 +	6.2 +	1.99	0.34	5.80	1510.	52.	4.
3641	0000	-1096	37.8944	81.9357	PPK	1.1	2.1	6.3	1.91	0.34	5.69	1518.	53.	4.
3642	0000	-1096	37.8944	81.9362	PPK	1.2	2.1	6.5	1.73	0.32	5.43	1551.	50.	4.
3643	0000	-1095	37.8944	81.9367	PPK	1.2	2.1	5.9	1.70	0.35 +	4.80	1568.	50.	5.
3644	0000	-1097	37.8944	81.9372	PPK	1.3	2.1	5.9	1.59	0.35	4.60 -	1625.	46.	5.
3645	0000	-1101	37.8944	81.9377	PPK	1.3	2.1	5.8	1.57	0.36 +	4.40 -	1647.	47.	6.
3646	0000	-1103	37.8944	81.9381	PPK	1.3	2.1	6.3	1.55	0.33	4.71	1680.	47.	6.
3647	0000	-1105	37.8944	81.9386	PPK	1.4	2.0	6.4	1.40	0.31	4.56 -	1752.	46.	8.
3648	0000	-1106	37.8943	81.9391	PPK	1.4 +	1.8	6.9	1.26	0.27	4.75	1821.	45.	10.
3649	0000	-1104	37.8943	81.9396	PPK	1.4 +	2.1	7.6 +	1.46	0.27	5.28	1894.	46.	12.
3650	0000	-1105	37.8943	81.9400	PPK	1.6 +	1.7	8.0 +	1.08	0.21	5.12	1954.	48.	13.
3651	0000	-1104	37.8943	81.9406	PPK	1.5 +	2.1	7.7 +	1.37	0.27	5.12	1959.	47.	14.
3652	0000	-1103	37.8943	81.9410	PPK	1.5 +	2.1	7.7 +	1.43	0.28	5.18	1962.	45.	14.
3653	0000	-1104	37.8943	81.9415	PPK	1.4	1.9	7.5	1.35	0.25	5.32	1924.	46.	16.
3654	0000	-1102	37.8943	81.9420	PPK	1.4	2.1	7.3	1.53	0.29	5.28	1878.	46.	16.
3655	0000	-1103	37.8943	81.9425	PPK	1.4	2.1	6.7	1.54	0.31	4.90	1830.	44.	16.
3656	0000	-1105	37.8943	81.9429	PPK	1.4	1.6	5.7	1.21	0.29	4.18 -	1734.	45.	16.
3657	0000	-1103	37.8942	81.9434	PPK	1.2	1.9	5.4	1.54	0.35	4.41 -	1629.	45.	15.
3658	0000	-1101	37.8942	81.9439	PPK	1.1	1.4	5.2	1.23	0.27	4.63 -	1533.	46.	16.
3659	0000	-1101	37.8942	81.9444	PPK	1.1	1.3	4.9	1.19	0.26	4.56 -	1466.	50.	16.
3660	0000	-1098	37.8942	81.9449	PPK	1.0	1.4	4.6 -	1.31	0.30	4.37 -	1411.	50.	16.
3661	0000	-1097	37.8942	81.9453	PPK	1.0	1.1	4.4 -	1.12	0.26	4.37 -	1352.	50.	16.
3662	0000	-1100	37.8942	81.9458	PPK	1.0	0.9 -	4.5 -	0.94 -	0.21	4.52 -	1313.	50.	15.
3663	0000	-1100	37.8942	81.9463	PPK	1.0	1.1	4.6 -	1.11	0.23	4.74	1294.	49.	15.
3664	0000	-1099	37.8942	81.9468	PPK	1.0	1.0 -	4.2 -	1.03	0.24	4.31 -	1282.	49.	15.
3665	0000	-1098	37.8942	81.9473	PPK	1.0	1.1	4.4 -	1.11	0.25	4.41 -	1282.	49.	14.
3666	0000	-1098	37.8941	81.9478	PPK	1.0	0.9 -	4.8	0.93 -	0.20	4.73	1295.	47.	14.
3667	0000	-1097	37.8941	81.9482	PPK	1.0	1.0 -	4.6 -	0.92 -	0.20	4.47 -	1317.	47.	13.
3668	0000	-1096	37.8941	81.9487	PPK	1.1	1.0 -	4.6 -	0.91 -	0.22	4.18 -	1325.	46.	13.
3669	0000	-1097	37.8941	81.9492	PPK	1.0	1.1	4.2 -	1.07	0.26	4.06 --	1295.	47.	13.
3670	0000	-1097	37.8941	81.9497	PPK	1.0	1.0 -	4.3 -	0.98 -	0.23	4.29 -	1284.	48.	13.
3671	0000	-1096	37.8941	81.9502	PPK	1.0	0.8 -	4.8	0.80 -	0.16 -	4.94	1283.	50.	13.
3672	0000	-1097	37.8941	81.9506	PPK	1.0	0.7 --	4.7	0.72 -	0.15 -	4.76	1315.	49.	14.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3673	0000	-1097	37.8941	81.9511		PPK	1.0	0.8 -	4.7	0.78 -	0.18 -	4.46 -	1339.	49.	15.
3674	0000	-1094	37.8941	81.9516		PPK	1.1	0.8 -	4.9	0.73 -	0.16 -	4.47 -	1349.	49.	16.
3675	0000	-1093	37.8940	81.9521		PPK	1.1	0.5 ---	5.1	0.44 ---	0.09 --	4.52 -	1380.	49.	17.
3676	0010	-1094	37.8940	81.9526		PPK	1.2	0.4 N.A.	5.8	0.37 N.A.	0.08 N.A.	4.92	1463.	49.	17.
3677	0010	-1095	37.8940	81.9530		PPK	1.2	0.5 N.A.	6.3	0.42 N.A.	0.08 N.A.	5.42	1519.	47.	18.
3678	0000	-1094	37.8940	81.9535		PPK	1.2	0.7 --	6.3	0.61 --	0.11 -	5.35	1554.	46.	17.
3679	0000	-1093	37.8940	81.9540		PPK	1.2	0.8 -	6.4	0.67 --	0.13 -	5.32	1539.	46.	16.
3680	0000	-1093	37.8940	81.9544		PPK	1.2	0.7 --	6.4	0.57 --	0.11 -	5.38	1541.	45.	16.
3681	0000	-1092	37.8940	81.9550		PPK	1.2	0.7 --	6.3	0.62 --	0.11 -	5.41	1553.	46.	16.
3682	0000	-1091	37.8940	81.9555		PPK	1.1	1.2	6.5	1.07	0.18 -	5.98	1535.	47.	15.
3683	0000	-1091	37.8940	81.9559		PPK	1.1	1.3	6.6	1.19	0.19	6.24 +	1514.	46.	14.
3684	0000	-1091	37.8939	81.9564		PPK	1.0	1.4	6.1	1.35	0.23	5.90	1484.	47.	13.
3685	0000	-1090	37.8939	81.9569		PPK	1.0	1.3	5.9	1.26	0.22	5.73	1478.	46.	14.
3686	0000	-1089	37.8939	81.9573		PPK	1.0	1.3	6.2	1.27	0.21	6.10	1472.	46.	14.
3687	0000	-1087	37.8939	81.9579		PPK	1.0	1.4	6.2	1.39	0.22	6.26 +	1463.	46.	13.
3688	0000	-1088	37.8939	81.9584		PPK	1.0	1.4	6.1	1.39	0.23	6.08	1470.	45.	13.
3689	0000	-1089	37.8939	81.9588		PPK	1.0	1.3	5.9	1.31	0.22	5.85	1524.	45.	13.
3690	0000	-1087	37.8939	81.9593		PPK	1.1	1.2	5.9	1.09	0.20	5.50	1537.	44.	14.
3691	0000	-1086	37.8939	81.9597		PPK	1.1	1.2	6.0	1.05	0.19	5.44	1541.	44.	13.
3692	0000	-1088	37.8939	81.9602		PPK	1.1	1.2	6.3	1.06	0.19	5.64	1553.	46.	13.
3693	0000	-1088	37.8939	81.9608		PPK	1.2	1.1	6.6	0.94 -	0.17 -	5.48	1601.	45.	13.
3694	0000	-1087	37.8939	81.9612		PPK	1.2	1.3	6.8	1.07	0.19 -	5.71	1651.	43.	13.
3695	0000	-1087	37.8939	81.9617		PPK	1.2	1.2	7.6 +	0.92 -	0.15 -	6.11	1722.	42.	13.
3696	0000	-1086	37.8938	81.9622		PPK	1.3	1.2	7.7 +	0.87 -	0.15 -	5.76	1748.	41.	13.
3697	0000	-1084	37.8938	81.9626		PPK	1.4	1.3	7.5	0.96 -	0.18 -	5.38	1771.	44.	13.
3698	0000	-1085	37.8938	81.9632		PPK	1.5 +	1.3	7.7 +	0.86 -	0.17 -	5.21	1821.	43.	14.
3699	0000	-1086	37.8938	81.9637		PPK	1.5 +	1.2	7.9 +	0.77 -	0.15 -	5.09	1864.	41.	14.
3700	0000	-1085	37.8938	81.9641		PPK	1.5 +	1.4	8.1 +	0.90 -	0.17 -	5.23	1895.	40.	14.
3701	0000	-1082	37.8938	81.9646		PPK	1.6 +	1.5	8.3 +	0.92 -	0.18 -	5.22	1910.	40.	14.
3702	0000	-1080	37.8938	81.9650		PPK	1.6 +	1.8	8.2 +	1.13	0.21	5.32	1896.	42.	14.
3703	0000	-1079	37.8938	81.9655		PPK	1.5 +	1.9	8.2 +	1.30	0.23	5.57	1860.	41.	13.
3704	0000	-1079	37.8938	81.9660		PPK	1.4	2.0	8.5 +	1.48	0.24	6.16	1830.	38.	11.
3705	0000	-1078	37.8938	81.9665		PPK	1.3	2.0	8.5 +	1.59	0.24	6.68 +	1788.	36.	10.
3706	0000	-1077	37.8937	81.9670		PPK	1.2	2.1	8.4 +	1.80	0.26	7.04 +	1741.	37.	10.
3707	0000	-1076	37.8937	81.9675		PPK	1.1	2.0	7.8 +	1.81	0.26	6.93 +	1679.	38.	9.
3708	0000	-1074	37.8937	81.9679		PPK	1.1	1.8	7.1	1.69	0.26	6.62 +	1604.	38.	9.
3709	0000	-1073	37.8937	81.9684		PPK	1.0	1.4	6.8	1.36	0.21	6.54 +	1517.	39.	9.
3710	0000	-1074	37.8937	81.9690		PPK	1.0	1.0 -	6.7	1.02	0.15 -	6.61 +	1464.	40.	9.
3711	0000	-1071	37.8937	81.9694		PPK	1.0	0.9 -	6.4	0.93 -	0.15 -	6.38 +	1429.	43.	9.
3712	0000	-1069	37.8937	81.9699		PPK	1.0	0.9 -	5.8	0.88 -	0.16 -	5.62	1418.	45.	10.
3713	0000	-1069	37.8937	81.9703		PPK	1.1	0.9 -	5.9	0.88 -	0.16 -	5.57	1417.	45.	10.
3714	0000	-1068	37.8937	81.9708		PPK	1.1	1.0 -	5.9	0.90 -	0.16 -	5.61	1406.	48.	10.
3715	0000	-1066	37.8937	81.9713		PPK	1.1	1.0 -	6.2	0.94 -	0.16 -	5.74	1406.	48.	10.
3716	0000	-1065	37.8937	81.9717		PPK	1.1	1.2	6.1	1.09	0.19	5.74	1391.	47.	10.
3717	0000	-1064	37.8936	81.9723		PPK	1.0	1.2	6.0	1.14	0.20	5.73	1365.	45.	9.
3718	0000	-1063	37.8936	81.9728		PPK	1.0	1.0 -	5.5	1.01	0.19 -	5.41	1318.	45.	8.
3719	0000	-1062	37.8936	81.9732		PPK	1.0	1.1	5.5	1.16	0.20	5.82	1242.	44.	7.
3720	0000	-1062	37.8936	81.9737		PPK	0.8	1.2	4.9	1.41	0.25	5.75	1169.	44.	7.
3721	0000	-1061	37.8936	81.9742		PPK	0.8 -	1.1 -	4.6 -	1.30	0.23	5.66	1108.	42.	6.
3722	0000	-1062	37.8936	81.9746		PPK	0.8 -	1.1 -	4.3 -	1.40	0.25	5.70	1058.	43.	6.
3723	0000	-1062	37.8936	81.9752		PPK	0.7 -	1.0 -	3.9 -	1.41	0.27	5.24	1017.	44.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 40, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3724	0000	-1060	37.8936	81.9756	PPK	0.7 -	1.1	3.6 -	1.50	0.31	4.85	1006.	45.	5.
3725	0000	-1061	37.8936	81.9761	PPK	0.7 -	1.3	3.6 -	1.75	0.35 +	4.85	1018.	46.	5.
3726	0000	-1061	37.8936	81.9766	PPK	0.8 -	1.3	3.9 -	1.70	0.34	5.01	1056.	49.	7.
3727	0000	-1061	37.8936	81.9771	PPK	0.9	1.1	4.2 -	1.29	0.27 -	4.85	1107.	50.	8.
3728	0000	-1062	37.8936	81.9775	PPK	0.9	1.2	4.3 -	1.35	0.27	4.93	1150.	51.	10.
3729	0000	-1062	37.8935	81.9781	PPK	0.9	1.1	4.3 -	1.25	0.26	4.81	1200.	52.	12.
3730	0000	-1060	37.8935	81.9785	PPK	0.9	1.2	4.6 -	1.28	0.26	4.99	1274.	52.	14.
3731	0000	-1061	37.8935	81.9790	PPK	0.9	1.2	5.0	1.29	0.24	5.40	1327.	54.	15.
3732	0000	-1061	37.8935	81.9795	PPK	1.0	1.1	5.4	1.10	0.20	5.41	1379.	53.	17.
3733	0000	-1059	37.8935	81.9799	PPK	1.0	1.0 -	5.5	0.93 -	0.18 -	5.26	1435.	51.	18.
3734	0000	-1059	37.8935	81.9804	PPK	1.1	0.9 -	5.7	0.82 -	0.16 -	5.19	1514.	50.	19.
3735	0000	-1062	37.8935	81.9809	PPK	1.2	0.9 -	6.5	0.79 -	0.14 -	5.49	1620.	50.	18.
3736	0000	-1064	37.8935	81.9814	PPK	1.3	1.1	7.2	0.80 -	0.15 -	5.35	1740.	48.	18.
3737	0000	-1060	37.8935	81.9819	PPK	1.4 +	1.1	8.0 +	0.75 -	0.13 -	5.56	1850.	48.	17.
3738	0000	-1059	37.8934	81.9823	PPK	1.6 +	1.4	8.3 +	0.86 -	0.17 -	5.17	1971.	46.	15.
3739	0000	-1060	37.8934	81.9828	PPK	1.7 +	1.7	8.6 +	1.00 -	0.20	5.01	2082.	45.	13.
3740	0000	-1058	37.8934	81.9833	PPK	1.8 +	2.0	9.1 ++	1.13	0.22	5.00	2195.	44.	12.
3741	0000	-1054	37.8934	81.9838	PPK	1.8 +	2.4 +	9.3 ++	1.33	0.26	5.18	2194.	44.	10.
3742	0000	-1051	37.8934	81.9843	PPK	1.7 +	2.4 +	8.8 +	1.37	0.27	5.04	2131.	43.	9.
3743	0000	-1051	37.8934	81.9847	PPK	1.6 +	2.4 +	8.5 +	1.46	0.28	5.28	2042.	44.	9.
3744	0000	-1052	37.8934	81.9852	PPK	1.5 +	2.5 +	7.6 +	1.65	0.33	4.96	1938.	47.	9.
3745	0000	-1052	37.8934	81.9857	PPK	1.5 +	2.2 +	7.3	1.48	0.30	4.92	1859.	42.	9.
3746	0000	-1052	37.8934	81.9862	PPK	1.4	1.9	7.1	1.39	0.27	5.12	1796.	43.	9.
3747	0000	-1053	37.8933	81.9867	PPK	1.3	1.7	6.8	1.24	0.25	5.03	1737.	44.	10.
3748	0000	-1051	37.8933	81.9872	PPK	1.4	1.7	6.6	1.27	0.26	4.88	1750.	43.	10.
3749	0000	-1049	37.8933	81.9877	PPK	1.4	1.8	7.1	1.27	0.25	5.01	1797.	43.	10.
3750	0000	-1049	37.8933	81.9881	PPK	1.4	1.8	7.2	1.31	0.26	5.09	1824.	43.	10.
3751	0000	-1049	37.8933	81.9886	PPK	1.4	1.9	7.3	1.34	0.26	5.18	1836.	46.	9.
3752	0000	-1049	37.8933	81.9891	PPK	1.4	2.0	7.3	1.45	0.27	5.36	1806.	45.	10.
3753	0000	-1048	37.8933	81.9896	PPK	1.3	1.9	7.3	1.41	0.26	5.50	1777.	44.	10.
3754	0000	-1045	37.8933	81.9900	PPK	1.3	1.9	7.4	1.50	0.26	5.89	1758.	43.	11.
3755	0000	-1045	37.8933	81.9905	PPK	1.2	1.6	7.3	1.29	0.21	6.03	1725.	43.	13.
3756	0000	-1042	37.8932	81.9910	PPK	1.1	1.5	6.6	1.35	0.23	5.87	1691.	45.	14.
3757	0000	-1037	37.8932	81.9915	PPK	1.1	1.4	6.3	1.25	0.22	5.59	1697.	46.	16.
3758	0000	-1034	37.8932	81.9920	PPK	1.2	1.1	6.5	0.94 -	0.17 -	5.55	1734.	45.	18.
3759	0000	-1032	37.8932	81.9925	PPK	1.2	1.0 -	7.1	0.80 -	0.14 -	5.72	1795.	45.	19.
3760	0000	-1031	37.8932	81.9929	PPK	1.3	1.2	7.4	0.90 -	0.16 -	5.56	1846.	46.	19.
3761	0000	-1031	37.8932	81.9934	PPK	1.4	1.2	7.4	0.85 -	0.16 -	5.32	1842.	46.	18.
3762	0000	-1030	37.8932	81.9939	PPK	1.4 +	1.4	7.4	0.99 -	0.19	5.22	1847.	44.	17.
3763	0000	-1030	37.8932	81.9944	PPK	1.4 +	1.5	7.8 +	1.07	0.20	5.40	1845.	44.	14.
3764	0000	-1026	37.8932	81.9949	PPK	1.5 +	1.7	8.1 +	1.17	0.22	5.43	1862.	43.	11.
3765	0000	-1023	37.8931	81.9953	PPK	1.5 +	1.9	8.1 +	1.22	0.23	5.25	1867.	43.	9.
3766	0000	-1026	37.8931	81.9958	PPK	1.5 +	2.0	7.6 +	1.35	0.26	5.17	1826.	43.	7.
3767	0000	-1030	37.8931	81.9963	PPK	1.3	1.9	7.5	1.41	0.25	5.59	1755.	41.	6.
3768	0000	-1028	37.8931	81.9968	PPK	1.2	1.8	7.0	1.43	0.26	5.61	1673.	43.	5.
3769	0000	-1027	37.8931	81.9973	PPK	1.2	1.8	6.7	1.55	0.27	5.68	1604.	45.	5.
3770	0000	-1027	37.8931	81.9977	PPK	1.1	1.7	6.4	1.52	0.27	5.64	1568.	44.	6.
3771	0000	-1026	37.8931	81.9982	PPK	1.1	1.7	6.4	1.52	0.27	5.64	1568.	44.	6.
3772	0000	-1024	37.8931	81.9987	PPK	1.1	1.7	6.4	1.52	0.27	5.64	1568.	44.	6.
3773	0000	-1025	37.8931	81.9992	PPK	1.1	1.7	6.4	1.52	0.27	5.64	1568.	44.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-910	37.8062	80.0012	DB-2	1.8 +	2.1	8.9	1.19 -	0.24	4.98 -	2048.	47.	4.
2	0000	-910	37.8062	80.0018	DB-2	1.8 +	2.1	8.9	1.19 -	0.24	4.98 -	2048.	47.	4.
3	0000	-908	37.8062	80.0025	DB-2	1.8 +	2.1	8.9	1.19 -	0.24	4.98 -	2048.	47.	4.
4	0000	-905	37.8062	80.0031	DB-2	1.8 +	2.1	8.9	1.19 -	0.24	4.98 -	2048.	47.	4.
5	0000	-902	37.8061	80.0037	DB-2	1.8 +	2.3	9.1	1.27 -	0.25	5.03 -	2102.	47.	5.
6	0000	-899	37.8061	80.0044	DB-2	1.8 +	2.1	8.9	1.19 -	0.24	4.96 -	2085.	48.	6.
7	0000	-896	37.8061	80.0050	DB-2	1.7 +	2.0	9.6	1.18 -	0.21	5.58	2078.	46.	8.
8	0000	-895	37.8061	80.0056	DB-2	1.6 +	2.0	9.9 +	1.23 -	0.20	6.06	2043.	47.	9.
9	0000	-895	37.8061	80.0062	DB-2	1.6 +	1.9	9.7 +	1.24 -	0.20	6.16	2024.	46.	9.
10	0000	-894	37.8061	80.0069	DB-2	1.6 +	2.0	9.8 +	1.28 -	0.20	6.29	2034.	48.	9.
11	0000	-891	37.8061	80.0076	DB-2	1.5	2.3	9.4	1.55	0.25	6.29	2016.	48.	8.
12	0000	-890	37.8061	80.0082	DB-2	1.5	2.2	9.1	1.49	0.24	6.10	1984.	48.	8.
13	0000	-889	37.8060	80.0087	DB-2	1.4	2.6	9.0	1.83	0.29	6.33	1983.	47.	6.
14	0000	-887	37.8060	80.0094	DB-2	1.5	2.4	8.4	1.60	0.29	5.61	1953.	47.	6.
15	0000	-887	37.8060	80.0101	DB-2	1.4	2.4	8.2	1.65	0.29	5.70	1910.	47.	6.
16	0000	-887	37.8060	80.0107	DB-2	1.3	2.2	8.2	1.65	0.27	6.09	1842.	47.	7.
17	0000	-886	37.8060	80.0113	DB-2	1.2	2.1	7.9	1.68	0.26	6.42	1751.	45.	8.
18	0000	-886	37.8060	80.0120	DB-2	1.2	1.7	7.9	1.47	0.22	6.77	1666.	44.	8.
19	0000	-886	37.8060	80.0126	DB-2	1.1	1.6 -	8.0	1.51	0.20	7.56	1597.	44.	8.
20	0000	-886	37.8060	80.0133	DB-2	1.0	1.5 -	7.6	1.44	0.19 -	7.52	1542.	45.	9.
21	0000	-886	37.8060	80.0138	DB-2	0.9	1.8	7.4	1.95	0.24	8.10	1517.	47.	9.
22	0000	-885	37.8060	80.0145	DB-2	1.0	1.5 -	7.8	1.61	0.20 -	8.16	1516.	46.	9.
23	0000	-886	37.8060	80.0152	DB-2	1.0	1.7	7.5	1.69	0.22	7.61	1517.	46.	9.
24	0000	-887	37.8059	80.0157	DB-2	1.0	1.6 -	7.2	1.57	0.22	7.08	1528.	47.	9.
25	0000	-885	37.8059	80.0164	DB-2	1.0	1.7	7.4	1.79	0.23	7.75	1529.	47.	8.
26	0000	-886	37.8059	80.0170	DB-2	0.9	1.8	7.0	1.90	0.25	7.50	1526.	50.	8.
27	0000	-886	37.8059	80.0177	DB-2	1.0	1.5 -	7.2	1.55	0.21	7.35	1519.	51.	8.
28	0000	-885	37.8059	80.0183	DB-2	1.0	1.3 -	7.3	1.31	0.18 -	7.37	1535.	52.	8.
29	0000	-885	37.8059	80.0189	DB-2	1.0	1.6 -	7.1	1.57	0.22	7.04	1566.	48.	8.
30	0000	-885	37.8059	80.0196	DB-2	1.1	1.5 -	7.5	1.36	0.19 -	6.98	1628.	48.	9.
31	0000	-885	37.8059	80.0202	DB-2	1.0	1.5 -	7.8	1.45	0.19 -	7.49	1650.	49.	10.
32	0000	-884	37.8058	80.0208	DB-2	1.1	1.5 -	7.3	1.33	0.21	6.49	1692.	48.	12.
33	0000	-882	37.8058	80.0214	DB-2	1.2	1.5 -	7.4	1.23 -	0.20 -	6.22	1723.	44.	13.
34	0000	-882	37.8058	80.0221	DB-2	1.2	1.6 -	7.6	1.26 -	0.21	6.13	1756.	41.	14.
35	0000	-882	37.8058	80.0227	DB-2	1.2	1.5 -	7.9	1.21 -	0.19 -	6.38	1764.	40.	15.
36	0000	-880	37.8058	80.0233	DB-2	1.2	1.4 -	7.2	1.13 -	0.19 -	5.86	1756.	45.	15.
37	0000	-880	37.8058	80.0240	DB-2	1.2	1.5 -	6.9	1.27 -	0.22	5.82	1731.	46.	15.
38	0000	-880	37.8058	80.0247	DB-2	1.2	1.6 -	7.0	1.30	0.23	5.68	1749.	48.	14.
39	0000	-880	37.8058	80.0253	DB-2	1.2	1.6 -	7.4	1.29	0.22	5.94	1757.	47.	12.
40	0000	-880	37.8058	80.0258	DB-2	1.2	1.6	7.7	1.32	0.21	6.30	1781.	47.	11.
41	0000	-882	37.8058	80.0265	DB-2	1.2	1.8	7.6	1.49	0.24	6.27	1800.	48.	9.
42	0000	-883	37.8058	80.0272	DB-2	1.2	2.0	7.9	1.62	0.25	6.42	1831.	48.	7.
43	0000	-884	37.8057	80.0278	DB-2	1.2	2.4	8.8	1.97	0.27	7.36	1848.	47.	5.
44	0000	-883	37.8057	80.0284	DB-2	1.3	2.3	9.1	1.83	0.26	7.17	1864.	45.	4.
45	0000	-882	37.8057	80.0290	DB-2	1.3	2.4	9.3	1.83	0.26	7.15	1888.	41.	3.
46	0000	-883	37.8057	80.0297	DB-2	1.3	2.5	9.4	1.90	0.26	7.23	1892.	43.	3.
47	0000	-882	37.8057	80.0303	DB-2	1.3	2.3	9.3	1.78	0.25	7.08	1885.	45.	3.
48	0000	-882	37.8057	80.0309	DB-2	1.4	2.2	9.2	1.58	0.23	6.79	1876.	44.	4.
49	0000	-882	37.8057	80.0316	DLMU-2	1.4	2.1	8.7	1.56	0.24	6.37	1871.	44.	4.
50	0000	-882	37.8057	80.0322	DLMU-2	1.4	2.0	8.7	1.41	0.23	6.10	1912.	43.	4.
51	0000	-882	37.8057	80.0328	DLMU-2	1.5	2.2	8.9	1.50	0.25	5.96	1972.	45.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-883	37.8057	80.0334	DLMU-2	1.6	2.1	8.7	1.33	0.24	5.48	2013.	48.	4.
53	0000	-883	37.8057	80.0341	DLMU-2	1.6	2.3	8.6	1.39	0.26	5.25	2077.	49.	4.
54	0000	-883	37.8057	80.0347	DLMU-2	1.8 +	2.4	8.6	1.38	0.28	4.89 -	2127.	48.	3.
55	0000	-883	37.8056	80.0354	DLMU-2	1.8 +	2.5	8.8	1.39	0.28	4.98	2145.	49.	2.
56	0000	-882	37.8056	80.0360	DLMU-2	1.8 +	2.4	8.8	1.33	0.28	4.77 -	2141.	51.	1.
57	0000	-882	37.8056	80.0367	DLMU-2	1.9 +	2.3	8.5	1.23	0.27	4.49 -	2115.	54.	1.
58	0000	-883	37.8056	80.0373	DLMU-2	1.9 +	2.2	8.7	1.17 -	0.26	4.57 -	2101.	53.	1.
59	0000	-884	37.8056	80.0379	DLMU-2	1.9 +	2.1	8.6	1.14 -	0.25	4.58 -	2094.	51.	1.
60	0000	-884	37.8056	80.0385	DLMU-2	1.8 +	2.1	8.8	1.12 -	0.24	4.74 -	2076.	48.	1.
61	0000	-884	37.8056	80.0392	DLMU-2	1.8 +	2.1	8.9	1.14 -	0.23	4.93 -	2073.	50.	1.
62	0000	-883	37.8055	80.0398	DLMU-2	1.8 +	2.3	8.9	1.28	0.26	4.89 -	2120.	50.	1.
63	0000	-884	37.8055	80.0404	DLMU-2	1.9 +	2.6	8.9	1.39	0.29	4.75 -	2176.	50.	1.
64	0000	-886	37.8055	80.0410	DLMU-2	1.9 +	2.7 +	9.2	1.44	0.30	4.87 -	2214.	48.	1.
65	0000	-887	37.8056	80.0417	DLMU-2	1.9 +	2.8 +	9.0	1.50	0.31	4.77 -	2220.	48.	1.
66	0000	-885	37.8055	80.0423	DLMU-2	1.8 +	3.2 +	9.1	1.76	0.35 +	4.98	2233.	50.	0.
67	0000	-885	37.8055	80.0429	DLMU-2	1.8 +	3.1 +	8.8	1.70	0.36 +	4.78 -	2215.	50.	1.
68	0000	-885	37.8055	80.0436	DLMU-2	1.8 +	3.2 +	8.3	1.82	0.39 +	4.72 -	2149.	50.	2.
69	0000	-885	37.8055	80.0443	DLMU-2	1.7 +	3.0 +	8.0	1.79	0.37 +	4.77 -	2049.	50.	3.
70	0000	-884	37.8055	80.0448	DLMU-2	1.5	2.6	7.8	1.71	0.33 +	5.17	1919.	48.	4.
71	0000	-883	37.8055	80.0455	DLMU-1	1.3 +	2.3 +	6.9 ++	1.73 -	0.33	5.21 -	1765.	48.	5.
72	0000	-883	37.8055	80.0461	DLMU-1	1.1 +	2.1 +	6.2 +	1.79 -	0.33	5.38 -	1602.	46.	6.
73	0000	-885	37.8055	80.0468	DLMU-1	1.0 +	1.6	6.0 +	1.61 -	0.27	5.89 -	1475.	44.	7.
74	0000	-885	37.8054	80.0474	DLMU-1	0.9 +	1.6	6.0 +	1.86	0.27	6.86	1390.	44.	6.
75	0000	-884	37.8054	80.0480	DLMU-1	0.9 +	1.3	6.4 +	1.55 -	0.21 -	7.47	1357.	45.	6.
76	0000	-884	37.8054	80.0487	DLMU-1	0.8 +	1.5	6.5 +	1.76 -	0.23 -	7.76	1333.	45.	5.
77	0000	-884	37.8055	80.0493	DLMU-1	0.8 +	1.4	6.7 +	1.69 -	0.21 -	7.89	1327.	46.	5.
78	0000	-882	37.8054	80.0499	DLMU-1	0.8	1.5	6.9 +	1.89	0.22 -	8.69	1316.	45.	4.
79	0000	-881	37.8054	80.0506	DLMU-1	0.7	1.5	7.0 ++	1.96	0.21 -	9.35	1288.	45.	4.
80	0000	-883	37.8054	80.0512	DLMU-1	0.7	1.4	6.3 +	1.86	0.22 -	8.48	1199.	47.	4.
81	0000	-884	37.8054	80.0518	DLMU-1	0.7	1.3	5.5 +	1.90	0.23 -	8.17	1103.	49.	3.
82	0000	-884	37.8054	80.0524	DLMU-1	0.6	1.4	4.8	2.37	0.29	8.26	1010.	49.	3.
83	0000	-884	37.8054	80.0531	DLMU-1	0.5	1.1	4.3	2.22	0.25	8.87	925.	50.	3.
84	0000	-885	37.8054	80.0537	DLMU-1	0.4	1.2	3.5	3.22	0.35	9.27	857.	49.	3.
85	0000	-886	37.8053	80.0543	DLMU-1	0.4	1.3	3.1	3.68	0.42	8.71	820.	49.	3.
86	0000	-887	37.8053	80.0550	DLMU-1	0.4	1.4	2.9	3.83	0.47	8.21	835.	50.	4.
87	0000	-888	37.8053	80.0556	DLMU-1	0.4	1.5	2.9	3.81	0.53 +	7.21	881.	48.	4.
88	0000	-889	37.8053	80.0563	DLMU-1	0.5	1.5	3.2	3.21	0.47	6.77	928.	45.	5.
89	0000	-890	37.8053	80.0568	DLMU-1	0.5	1.5	3.2	2.95	0.47	6.21	947.	45.	6.
90	0000	-889	37.8053	80.0575	DLMU-1	0.5	1.6	3.2	3.17	0.50	6.29	950.	44.	6.
91	0000	-888	37.8053	80.0581	DLMU-1	0.5	1.5	3.2	2.94	0.47	6.27	932.	46.	6.
92	0000	-887	37.8053	80.0588	DLMU-1	0.6	1.5	3.3	2.63	0.44	6.04 -	925.	47.	5.
93	0000	-886	37.8052	80.0594	DLMU-1	0.6	1.5	3.4	2.70	0.44	6.19	915.	47.	5.
94	0000	-886	37.8053	80.0600	DLMU-1	0.5	1.4	3.5	2.71	0.40	6.69	923.	49.	4.
95	0000	-886	37.8053	80.0607	DLMU-1	0.5	1.6	3.3	3.33	0.48	6.87	937.	49.	4.
96	0000	-885	37.8053	80.0613	DLMU-1	0.5	1.8	3.7	3.80	0.47	8.05	975.	49.	3.
97	0000	-885	37.8052	80.0619	DLMU-1	0.5	1.7	4.1	3.72	0.42	8.77	1017.	47.	3.
98	0000	-885	37.8052	80.0626	DLMU-1	0.5	1.7	4.6	3.26	0.38	8.62	1077.	45.	3.
99	0000	-885	37.8052	80.0632	DLMU-1	0.6	1.8	5.0	3.19	0.35	9.05	1115.	44.	3.
100	0000	-884	37.8052	80.0638	DLMU-1	0.6	1.6	5.1	2.74	0.31	8.85	1131.	43.	3.
101	0000	-883	37.8052	80.0644	DLMU-1	0.5	1.5	5.4	2.85	0.28	10.14	1108.	40.	4.
102	0000	-882	37.8052	80.0651	DLMU-1	0.5	1.3	5.6 +	2.57	0.24 -	10.84	1071.	40.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-882	37.8052	80.0657	DLMU-1	0.5	1.3	5.2	2.57	0.24	10.50	1014.	39.	6.
104	0000	-882	37.8051	80.0663	DLMU-1	0.5	1.1	5.0	2.30	0.23 -	10.00	971.	41.	8.
105	0000	-882	37.8051	80.0670	DLMU-1	0.4	1.4	4.6	3.31	0.30	11.17	955.	42.	8.
106	0000	-882	37.8051	80.0677	DLMU-1	0.4	1.4	4.6	3.33	0.31	10.64	998.	43.	9.
107	0000	-883	37.8052	80.0683	DLMU-1	0.5	1.5	4.5	3.10	0.33	9.35	1069.	43.	8.
108	0000	-882	37.8051	80.0688	DLMU-1	0.6	1.6	4.8	2.79	0.33	8.36	1145.	46.	7.
109	0000	-882	37.8051	80.0695	DLMU-1	0.7	1.8	4.8	2.69	0.38	7.05	1244.	48.	6.
110	0000	-883	37.8051	80.0702	DLMU-1	0.8 +	2.0 +	4.9	2.36	0.41	5.82 -	1378.	48.	5.
111	0000	-883	37.8051	80.0708	DLMU-1	1.0 +	2.2 +	5.3	2.23	0.42	5.26 -	1508.	47.	3.
112	0000	-883	37.8051	80.0714	DLMU-1	1.2 +	2.2 +	5.6 +	1.85 -	0.39	4.71 -	1613.	48.	3.
113	0000	-883	37.8051	80.0721	DLMU-1	1.3 +	2.1 +	5.3	1.60 -	0.40	3.98 -	1678.	48.	3.
114	0000	-882	37.8051	80.0727	DLMU-1	1.5 +	2.2 +	5.5	1.48 -	0.40	3.68 -	1730.	49.	5.
115	0000	-882	37.8051	80.0733	DLMU-1	1.6 +	2.3 +	5.5	1.49 -	0.43	3.50 -	1793.	46.	5.
116	0000	-884	37.8050	80.0739	DLMU-1	1.6 +	2.2 +	5.8 +	1.36 -	0.38	3.56 -	1822.	45.	6.
117	0000	-883	37.8050	80.0746	DLMU-1	1.6 +	2.1 +	6.2 +	1.30 -	0.35	3.77 -	1852.	44.	8.
118	0000	-883	37.8050	80.0752	DB-2	1.6 +	2.1	6.2 -	1.25 -	0.33	3.79 --	1852.	46.	9.
119	0000	-883	37.8050	80.0758	DB-2	1.6 +	2.2	6.1 -	1.40	0.36 +	3.85 --	1814.	46.	9.
120	0000	-882	37.8050	80.0764	DB-2	1.4	2.3	6.0 -	1.61	0.38 +	4.22 -	1717.	46.	9.
121	0000	-881	37.8050	80.0770	DB-2	1.2	2.2	5.6 -	1.79	0.40 +	4.49 -	1580.	46.	8.
122	0000	-881	37.8050	80.0775	DB-2	1.1	1.9	4.8 --	1.77	0.40 +	4.38 -	1429.	49.	8.
123	0000	-881	37.8050	80.0781	DB-2	1.0	1.9	4.4 --	1.99	0.43 +	4.67 -	1330.	50.	8.
124	0000	-880	37.8050	80.0786	DB-2	0.9	1.8	4.1 --	2.16	0.45 ++	4.79 -	1241.	50.	8.
125	0000	-881	37.8050	80.0792	DB-2	0.8 -	1.8	4.2 --	2.31	0.43 +	5.34 -	1218.	50.	8.
126	0000	-881	37.8050	80.0798	DB-2	0.8	1.6	4.8 --	1.95	0.34	5.80	1273.	49.	8.
127	0000	-881	37.8050	80.0803	DB-2	1.0	1.5 -	5.5 -	1.44	0.27	5.41 -	1397.	48.	8.
128	0000	-881	37.8050	80.0809	DB-2	1.1	1.5 -	6.1 -	1.27 -	0.24	5.31 -	1536.	49.	8.
129	0000	-882	37.8050	80.0815	DB-2	1.3	1.8	6.7	1.39	0.27	5.18 -	1707.	47.	8.
130	0000	-881	37.8050	80.0820	DB-2	1.5	1.7	7.3	1.13 -	0.23	4.90 -	1859.	46.	9.
131	0000	-880	37.8050	80.0826	DB-2	1.7 +	1.5 -	8.3	0.92 -	0.19 -	4.99 -	1984.	49.	9.
132	0000	-879	37.8050	80.0831	DB-2	1.8 +	1.7	8.2	0.99 -	0.21	4.66 -	2073.	52.	8.
133	0000	-879	37.8050	80.0837	DB-2	1.9 +	1.9	8.2	0.98 -	0.23	4.36 -	2117.	52.	8.
134	0000	-878	37.8050	80.0842	DB-2	1.9 +	2.0	8.3	1.07 -	0.25	4.35 -	2155.	55.	7.
135	0000	-878	37.8049	80.0848	DB-2	2.0 ++	2.2	8.7	1.13 -	0.26	4.43 -	2191.	54.	7.
136	0000	-878	37.8049	80.0854	DB-2	1.9 ++	2.1	9.3	1.09 -	0.23	4.80 -	2206.	54.	6.
137	0000	-878	37.8049	80.0860	DB-2	1.9 +	2.3	9.1	1.18 -	0.25	4.73 -	2192.	55.	5.
138	0000	-879	37.8050	80.0864	DB-2	1.8 +	2.3	8.6	1.28 -	0.27	4.69 -	2164.	51.	5.
139	0000	-879	37.8050	80.0871	DB-2	1.8 +	2.3	9.0	1.28 -	0.26	5.00 -	2176.	48.	4.
140	0000	-879	37.8050	80.0876	DB-2	1.8 +	2.2	9.4	1.28 -	0.24	5.35 -	2206.	47.	3.
141	0000	-878	37.8050	80.0881	DB-2	1.7 +	2.3	9.7 +	1.35	0.23	5.80	2195.	45.	3.
142	0000	-877	37.8050	80.0887	DB-2	1.7 +	2.1	9.9 +	1.21 -	0.21	5.83	2203.	47.	2.
143	0000	-877	37.8049	80.0893	DB-2	1.7 +	2.2	10.0 +	1.26 -	0.22	5.73	2243.	49.	2.
144	0000	-877	37.8049	80.0899	DB-2	1.8 +	2.2	10.6 +	1.22 -	0.20	5.97	2270.	48.	1.
145	0000	-877	37.8049	80.0904	DB-2	1.8 +	2.3	10.7 +	1.24 -	0.21	5.84	2294.	52.	0.
146	0000	-877	37.8049	80.0909	DB-2	1.8 +	2.1	10.9 +	1.18 -	0.20 -	6.06	2263.	53.	0.
147	0000	-877	37.8049	80.0915	DB-2	1.7 +	2.2	10.8 +	1.29	0.21	6.26	2201.	54.	0.
148	0000	-877	37.8049	80.0921	DB-2	1.7 +	2.1	10.5 +	1.22 -	0.20	6.10	2166.	56.	0.
149	0000	-876	37.8049	80.0926	DB-2	1.6 +	2.3	10.5 +	1.44	0.22	6.52	2129.	54.	0.
150	0000	-875	37.8049	80.0932	DB-2	1.6 +	2.3	10.5 +	1.41	0.22	6.45	2110.	53.	0.
151	0000	-875	37.8049	80.0938	DB-2	1.5	2.5	10.2 +	1.59	0.24	6.61	2076.	55.	0.
152	0000	-876	37.8049	80.0943	DB-2	1.5	2.6	10.0 +	1.75	0.26	6.81	2048.	53.	0.
153	0000	-877	37.8049	80.0948	DB-2	1.5	2.7 +	9.6	1.80	0.28	5.41	2033.	56.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-876	37.8049	80.0955	DB-2	1.5	2.8 +	9.5	1.90	0.30	6.33	2047.	53.	0.
155	0000	-875	37.8049	80.0960	DB-2	1.5	3.0 +	9.5	2.03	0.31	6.48	2044.	54.	0.
156	0000	-875	37.8049	80.0965	DB-2	1.4	2.9 +	9.4	2.00	0.31	6.53	2022.	54.	0.
157	0000	-875	37.8049	80.0971	DB-2	1.4	3.0 +	8.8	2.21	0.34 +	6.47	1965.	53.	0.
158	0000	-875	37.8049	80.0977	DB-2	1.4	2.8 +	8.8	2.03	0.32	6.34	1944.	52.	0.
159	0000	-875	37.8049	80.0982	DB-2	1.4	2.7 +	8.5	1.95	0.32	6.17	1922.	54.	1.
160	0000	-874	37.8049	80.0988	DB-2	1.4	2.7 +	8.6	1.98	0.31	6.37	1902.	51.	1.
161	0000	-873	37.8049	80.0993	DB-2	1.3	2.2	8.5	1.66	0.26	6.37	1855.	51.	2.
162	0000	-873	37.8049	80.0999	DB-2	1.3	2.1	8.1	1.61	0.25	6.32	1796.	49.	4.
163	0000	-874	37.8049	80.1004	DB-2	1.3	2.0	7.6	1.57	0.26	6.09	1760.	49.	5.
164	0000	-874	37.8049	80.1010	DB-2	1.2	1.9	7.5	1.55	0.25	6.18	1712.	49.	5.
165	0000	-874	37.8049	80.1016	DB-2	1.2	1.9	7.0	1.63	0.27	6.04	1662.	49.	6.
166	0000	-875	37.8049	80.1022	DB-2	1.1	1.8	7.3	1.66	0.25	6.64	1634.	48.	7.
167	0000	-876	37.8049	80.1027	DB-2	1.1	1.8	7.1	1.68	0.26	6.51	1633.	49.	7.
168	0000	-877	37.8049	80.1033	DB-2	1.1	2.1	6.9	1.89	0.30	6.20	1670.	50.	7.
169	0000	-876	37.8049	80.1038	DB-2	1.2	2.2	7.6	1.88	0.29	6.50	1744.	51.	6.
170	0000	-876	37.8049	80.1044	DB-2	1.2	2.4	7.7	1.99	0.31	6.42	1817.	50.	6.
171	0000	-876	37.8049	80.1049	DB-2	1.2	2.3	8.2	1.88	0.28	6.74	1855.	50.	6.
172	0000	-875	37.8049	80.1055	DB-2	1.2	2.3	8.3	1.84	0.27	6.70	1896.	49.	7.
173	0000	-873	37.8049	80.1060	DB-2	1.3	2.3	8.5	1.78	0.27	6.59	1949.	49.	8.
174	0000	-872	37.8048	80.1066	DB-2	1.3	2.2	8.5	1.72	0.26	6.55	1981.	51.	9.
175	0000	-873	37.8048	80.1072	DB-2	1.3	1.7	9.2	1.31	0.19 -	6.92	2015.	50.	11.
176	0000	-873	37.8048	80.1077	DB-2	1.4	1.3 -	9.4	0.96 -	0.14 --	6.81	2040.	50.	13.
177	0000	-872	37.8048	80.1083	DB-2	1.4	1.0 --	9.4	0.70 --	0.11 ---	6.56	2019.	53.	15.
178	0000	-873	37.8049	80.1089	DB-2	1.5	0.9 --	9.5	0.57 ---	0.09 ---	6.27	2036.	55.	16.
179	0000	-873	37.8049	80.1094	DB-2	1.6 +	0.9 --	10.0 +	0.58 ---	0.09 ---	6.42	2073.	55.	16.
180	0000	-872	37.8049	80.1100	DB-2	1.6 +	1.0 --	9.8 +	0.64 --	0.10 ---	6.12	2087.	55.	15.
181	0000	-871	37.8048	80.1105	DB-2	1.6 +	1.1 -	9.8 +	0.69 --	0.11 ---	6.06	2069.	56.	14.
182	0000	-871	37.8048	80.1111	DB-2	1.6 +	1.4 -	9.0	0.85 --	0.15 -	5.54	2019.	56.	13.
183	0000	-871	37.8048	80.1116	DB-2	1.6 +	1.7	8.5	1.03 -	0.20 -	5.23 -	1975.	56.	11.
184	0000	-871	37.8048	80.1122	DB-2	1.6 +	1.9	8.5	1.14 -	0.22	5.23 -	1983.	55.	9.
185	0000	-870	37.8048	80.1127	DB-2	1.6 +	2.2	8.6	1.34	0.25	5.37 -	2019.	54.	8.
186	0000	-870	37.8048	80.1133	DB-2	1.7 +	2.3	8.6	1.40	0.27	5.16 -	2046.	54.	6.
187	0000	-869	37.8048	80.1139	DB-2	1.7 +	2.3	9.2	1.34	0.25	5.36 -	2072.	54.	5.
188	0000	-868	37.8048	80.1145	DB-2	1.8 +	2.2	9.3	1.22 -	0.23	5.24 -	2105.	53.	4.
189	0000	-868	37.8048	80.1150	DB-2	1.7 +	2.4	9.9 +	1.45	0.25	5.76	2152.	53.	3.
190	0000	-869	37.8048	80.1156	DB-2	1.7 +	2.5	10.2 +	1.46	0.25	5.85	2183.	54.	3.
191	0000	-868	37.8048	80.1161	DB-2	1.8 +	2.4	10.4 +	1.35	0.23	5.77	2225.	53.	2.
192	0000	-867	37.8048	80.1167	DB-2	1.9 +	2.4	10.1 +	1.27 -	0.23	5.44 -	2256.	52.	2.
193	0000	-867	37.8048	80.1172	DB-2	1.8 +	2.3	10.5 +	1.28 -	0.22	5.77	2255.	53.	2.
194	0000	-866	37.8048	80.1178	DB-2	1.9 +	2.4	10.1 +	1.28 -	0.24	5.40 -	2261.	52.	2.
195	0000	-866	37.8048	80.1184	DB-2	1.9 +	2.5	10.5 +	1.36	0.24	5.62	2278.	52.	2.
196	0000	-866	37.8048	80.1189	DB-2	1.9 +	2.4	10.5 +	1.28 -	0.23	5.59	2245.	53.	2.
197	0000	-865	37.8048	80.1195	DB-2	1.9 +	2.4	10.2 +	1.30	0.24	5.45 -	2223.	49.	2.
198	0000	-866	37.8048	80.1200	DB-2	1.8 +	2.6	10.2 +	1.41	0.26	5.53	2196.	52.	1.
199	0000	-865	37.8048	80.1207	DB-2	1.8 +	2.4	10.1 +	1.32	0.24	5.51	2157.	53.	2.
200	0000	-864	37.8048	80.1212	DB-2	1.8 +	2.5	9.7	1.33	0.25	5.23 -	2157.	52.	1.
201	0000	-865	37.8048	80.1217	DB-2	1.8 +	2.3	9.6	1.27 -	0.24	5.21 -	2145.	53.	1.
202	0000	-865	37.8048	80.1223	DB-2	1.9 +	2.5	9.7 +	1.32	0.25	5.23 -	2175.	50.	1.
203	0000	-864	37.8048	80.1229	DB-2	1.9 ++	2.4	9.6	1.23 -	0.25	4.96 -	2240.	50.	2.
204	0000	-864	37.8047	80.1234	DB-2	1.9 ++	2.3	9.7 +	1.20 -	0.24	5.01 -	2254.	51.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-864	37.8047	80.1240	DB-2	1.9 +	2.5	9.1	1.29	0.27	4.78 -	2236.	48.	4.
206	0000	-864	37.8047	80.1245	DB-2	1.9 +	2.4	9.2	1.29 -	0.26	4.89 -	2224.	49.	5.
207	0000	-863	37.8047	80.1250	DB-2	1.9 +	2.1	9.0	1.10 -	0.23	4.70 -	2188.	49.	7.
208	0000	-862	37.8047	80.1256	DB-2	1.8 +	2.1	9.2	1.13 -	0.23	5.04 -	2137.	49.	8.
209	0000	-862	37.8047	80.1262	DB-2	1.8 +	2.0	8.5	1.14 -	0.24	4.80 -	2090.	51.	9.
210	0000	-862	37.8048	80.1268	DB-2	1.8 +	2.2	8.2	1.23 -	0.27	4.61 -	2075.	51.	9.
211	0000	-861	37.8048	80.1273	DB-2	1.8 +	1.8	8.3	1.00 -	0.22	4.55 -	2095.	53.	9.
212	0000	-860	37.8047	80.1279	DB-2	1.8 +	1.6	8.7	0.89 --	0.19 -	4.74 -	2099.	54.	9.
213	0000	-860	37.8047	80.1285	DB-2	1.8 +	1.9	8.4	1.04 -	0.22	4.69 -	2094.	52.	7.
214	0000	-859	37.8047	80.1290	DB-2	1.7 +	2.0	8.3	1.18 -	0.24	4.88 -	2066.	52.	6.
215	0000	-857	37.8047	80.1295	DB-2	1.7 +	2.0	7.9	1.19 -	0.26	4.66 -	2078.	52.	5.
216	0000	-857	37.8047	80.1301	DB-2	1.7 +	1.9	8.2	1.10 -	0.23	4.85 -	2060.	53.	4.
217	0000	-857	37.8047	80.1307	DB-2	1.7 +	1.6 -	8.0	0.95 -	0.20	4.80 -	2014.	55.	4.
218	0000	-856	37.8047	80.1312	DB-2	1.6 +	1.9	7.6	1.19 -	0.25	4.75 -	2003.	54.	3.
219	0000	-856	37.8047	80.1318	DB-2	1.6 +	1.9	7.8	1.17 -	0.24	4.83 -	2010.	55.	4.
220	0000	-856	37.8047	80.1324	DB-2	1.6 +	1.8	8.3	1.08 -	0.21	5.10 -	2009.	55.	4.
221	0000	-855	37.8047	80.1329	DB-2	1.6 +	1.7	8.6	1.05 -	0.20 -	5.34 -	2012.	55.	4.
222	0000	-855	37.8047	80.1334	DB-2	1.6 +	1.7	8.8	1.05 -	0.19 -	5.46 -	2008.	56.	5.
223	0000	-855	37.8047	80.1340	DB-2	1.6 +	1.7	8.7	1.04 -	0.20 -	5.33 -	2004.	55.	6.
224	0000	-854	37.8047	80.1346	DB-2	1.5	1.8	8.7	1.19 -	0.21	5.76	1954.	55.	5.
225	0000	-855	37.8047	80.1352	DB-2	1.4	1.8	8.8	1.29	0.21	6.25	1891.	56.	5.
226	0000	-855	37.8047	80.1357	DB-2	1.3	1.9	8.6	1.46	0.22	6.53	1842.	55.	5.
227	0000	-854	37.8047	80.1363	DB-2	1.3	1.8	8.2	1.43	0.23	6.37	1821.	57.	6.
228	0000	-854	37.8047	80.1368	DB-2	1.3	1.8	8.6	1.41	0.21	6.69	1840.	57.	7.
229	0000	-853	37.8047	80.1374	DB-2	1.3	1.8	8.8	1.39	0.20	6.87	1828.	56.	7.
230	0000	-854	37.8047	80.1379	DB-2	1.3	1.6	8.9	1.28 -	0.18 -	6.96	1832.	56.	8.
231	0000	-853	37.8047	80.1385	DB-2	1.4	1.6	9.3	1.19 -	0.17 -	6.83	1893.	54.	9.
232	0000	-851	37.8047	80.1391	DB-2	1.4	1.6	9.3	1.15 -	0.18 -	6.57	1947.	55.	9.
233	0000	-851	37.8047	80.1396	DB-2	1.5	1.4 -	9.6	0.97 -	0.15 --	6.50	1980.	55.	10.
234	0000	-852	37.8047	80.1402	DB-2	1.4	1.4 -	10.2 +	0.96 -	0.14 --	7.05	1968.	55.	9.
235	0000	-852	37.8046	80.1407	DCH	1.4 +	1.4 -	9.5	0.97 -	0.15 --	6.67	1921.	54.	8.
236	0000	-852	37.8046	80.1414	DCH	1.4 +	1.5	9.2	1.07 -	0.16 -	6.62	1899.	55.	7.
237	0000	-851	37.8046	80.1419	DCH	1.3	1.8	8.9	1.35 -	0.20	6.77	1837.	55.	6.
238	0000	-851	37.8046	80.1424	DCH	1.3	1.7	9.1	1.38 -	0.19 -	7.24	1790.	55.	5.
239	0000	-852	37.8046	80.1430	DCH	1.3	1.6	9.4	1.27 -	0.17 -	7.40	1750.	53.	3.
240	0000	-850	37.8046	80.1435	DCH	1.2	1.8	9.2	1.42 -	0.19 -	7.39	1726.	55.	2.
241	0000	-849	37.8047	80.1441	DCH	1.3	1.8	8.8	1.44 -	0.21	6.97	1720.	51.	1.
242	0000	-851	37.8047	80.1447	DCH	1.3	1.9	9.0	1.52	0.21	7.15	1730.	54.	1.
243	0000	-850	37.8046	80.1452	DCH	1.3	1.8	9.5	1.43 -	0.19	7.35	1740.	53.	0.
244	0000	-849	37.8046	80.1457	DCH	1.3	1.8	9.9	1.38 -	0.18 -	7.74	1790.	51.	0.
245	0000	-850	37.8046	80.1463	DCH	1.3	1.9	10.0	1.45 -	0.19 -	7.68	1803.	50.	0.
246	0000	-850	37.8046	80.1469	DCH	1.3	1.9	10.2	1.47	0.18 -	7.97	1803.	51.	0.
247	0000	-849	37.8046	80.1475	DCH	1.2	2.0	10.3	1.59	0.19 -	8.25	1802.	50.	0.
248	0000	-850	37.8046	80.1480	DCH	1.3	2.1	10.2	1.63	0.20	8.01	1791.	50.	0.
249	0000	-849	37.8046	80.1486	DCH	1.3	2.0	9.8	1.63	0.21	7.80	1778.	50.	1.
250	0000	-849	37.8046	80.1492	DCH	1.3	2.1	9.4	1.67	0.22	7.54	1766.	49.	1.
251	0000	-849	37.8046	80.1497	DCH	1.2	2.1	9.1	1.70	0.23	7.46	1745.	52.	2.
252	0000	-849	37.8046	80.1503	DCH	1.2	2.1	8.4	1.68	0.25	6.77	1700.	55.	2.
253	0000	-849	37.8046	80.1508	DCH	1.2	2.1	7.9	1.79	0.27	6.58	1680.	55.	2.
254	0000	-849	37.8046	80.1514	DCH	1.1	2.2	7.6	1.90	0.28	6.66	1646.	56.	2.
255	0000	-849	37.8046	80.1519	DCH	1.1	2.2	7.7	1.96	0.28	7.01	1638.	58.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-848	37.8046	80.1525		DCH	1.1	2.1	8.0	1.97	0.27	7.37	1628.	57.	2.
257	0000	-849	37.8046	80.1530		DCH	1.1	2.0	8.1	1.90	0.25	7.54	1624.	55.	1.
258	0000	-849	37.8046	80.1537		DCH	1.1	2.1	8.3	1.83	0.25	7.34	1651.	53.	1.
259	0000	-849	37.8046	80.1542		DCH	1.1	2.1	8.8	2.00	0.24	8.32	1655.	53.	0.
260	0000	-848	37.8046	80.1547		DCH	1.1	2.1	8.8	1.90	0.23	8.09	1677.	52.	0.
261	0000	-848	37.8046	80.1553		DCH	1.1	2.0	9.3	1.84	0.22	8.38	1711.	52.	0.
262	0000	-848	37.8046	80.1559		DCH	1.2	2.0	9.7	1.66	0.20	8.11	1774.	52.	0.
263	0000	-848	37.8046	80.1564		DCH	1.2	2.2	10.1	1.75	0.21	8.52	1861.	51.	0.
264	0000	-848	37.8046	80.1570		DCH	1.3	2.4	10.7	1.95	0.23	8.68	1948.	53.	0.
265	0000	-847	37.8046	80.1575		DCH	1.3	2.3	11.2 +	1.78	0.21	8.54	2001.	55.	0.
266	0000	-846	37.8045	80.1581		DCH	1.4 +	2.4	11.4 +	1.74	0.21	8.34	2044.	53.	0.
267	0000	-845	37.8045	80.1586		DCH	1.4 +	2.4	11.4 +	1.76	0.21	8.32	2045.	54.	0.
268	0000	-846	37.8045	80.1592		DCH	1.4 +	2.4	11.0 +	1.75	0.22	7.99	2038.	51.	0.
269	0000	-846	37.8045	80.1598		DCH	1.3	2.2	10.6	1.78	0.21	8.36	1945.	52.	0.
270	0000	-846	37.8046	80.1603		DCH	1.2	2.1	9.9	1.71	0.21	8.08	1830.	53.	0.
271	0000	-846	37.8046	80.1609		DCH	1.1	2.0	8.9	1.77	0.22	7.92	1697.	54.	0.
272	0000	-844	37.8046	80.1615		DCH	1.0	2.0	7.8	1.97	0.26	7.69	1559.	54.	0.
273	0000	-845	37.8046	80.1620		DCH	0.9	1.8	6.8	1.97	0.27	7.32	1423.	55.	0.
274	0000	-846	37.8045	80.1626		DCH	0.8	1.7	6.1	2.15	0.29	7.50	1301.	54.	1.
275	0000	-846	37.8045	80.1631		DCH	0.8	1.4 -	5.9	1.78	0.23	7.65	1191.	56.	2.
276	0000	-847	37.8045	80.1637		DCH	0.8	1.6	5.2 -	2.11	0.31	6.87	1136.	58.	2.
277	0000	-847	37.8045	80.1642		DCH	0.7	1.4	5.1 -	2.05	0.28	7.26	1108.	57.	2.
278	0000	-847	37.8045	80.1648		DCH	0.7	1.3 -	5.2 -	1.88	0.25	7.62	1099.	58.	3.
279	0000	-847	37.8045	80.1654		DCH	0.7	1.5	5.5	2.17	0.27	7.97	1141.	58.	3.
280	0000	-846	37.8045	80.1659		DCH	0.7	1.7	6.2	2.43	0.27	9.13	1238.	59.	3.
281	0000	-846	37.8045	80.1664		DCH	0.7	2.2	7.0	3.13	0.31	10.14	1392.	60.	3.
282	0000	-845	37.8045	80.1671		DCH	0.7	2.6	8.2	3.81 +	0.31	12.19	1548.	59.	2.
283	0000	-844	37.8045	80 1676		DCH	0.7	2.6	9.5	3.88 +	0.27	14.36 +	1687.	56.	2.
284	0000	-843	37.8045	80.1681		DCH	0.6	2.9 +	10.1	4.60 +	0.29	15.86 +	1758.	57.	1.
285	0000	-842	37.8045	80.1687		DCH	0.7	2.9 +	10.3	4.33 +	0.28	15.61 +	1802.	55.	2.
286	0000	-842	37.8045	80.1693		DCH	0.6	2.8 +	11.3 +	4.27 +	0.24	17.54 +	1872.	55.	2.
287	0000	-841	37.8045	80.1699		DCH	0.7	2.8 +	12.4 +	4.36 +	0.23	19.03 ++	1985.	51.	4.
288	0000	-839	37.8045	80.1704		DCH	0.7	2.7 +	14.0 ++	3.67 +	0.20	18.79 ++	2130.	54.	5.
289	0000	-840	37.8044	80.1709		DCH	0.8	2.9 +	15.3 ++	3.78 +	0.19 -	19.73 ++	2280.	56.	6.
290	0000	-841	37.8044	80.1715		DCH	0.8	3.4 ++	16.6 +++	4.41 +	0.20	21.50 ++	2457.	58.	6.
291	0000	-841	37.8045	80.1721		DCH	0.8	3.9 ++	18.8 +++	4.90 +	0.21	23.78 ++	2717.	59.	6.
292	0000	-840	37.8045	80.1726		DCH	0.8	4.4 +++	21.5 +++	5.54 ++	0.21	26.76 +++	3022.	60.	5.
293	0000	-839	37.8045	80.1732		DCH	0.8	5.1 +++	23.3 +++	6.33 ++	0.22	29.08 +++	3293.	61.	4.
294	0000	-837	37.8045	80.1738		DCH	0.8	5.7 +++	24.6 +++	7.18 ++	0.23	31.15 +++	3474.	62.	3.
295	0000	-836	37.8045	80.1743		DCH	0.7	6.0 +++	26.2 +++	8.42 +++	0.23	36.84 +++	3614.	62.	2.
296	0000	-837	37.8045	80.1749		DCH	0.7	6.5 +++	27.7 +++	8.95 +++	0.23	38.10 +++	3833.	61.	1.
297	0000	-835	37.8044	80.1755		DCH	0.7	6.9 +++	28.3 +++	9.55 +++	0.24	39.26 +++	3959.	62.	0.
298	0000	-836	37.8044	80.1760		DCH	0.8	6.6 +++	28.2 +++	8.67 +++	0.23	37.10 +++	3923.	62.	0.
299	0000	-837	37.8044	80.1765		DCH	0.8	6.2 +++	26.6 +++	7.87 +++	0.23	33.96 +++	3727.	63.	0.
300	0000	-836	37.8044	80.1771		DCH	0.8	5.6 +++	24.5 +++	7.03 ++	0.23	30.62 +++	3419.	63.	1.
301	0000	-835	37.8044	80.1777		DCH	0.9	4.6 +++	22.1 +++	5.34 ++	0.21	25.41 ++	3105.	64.	2.
302	0000	-834	37.8044	80.1782		DCH	0.9	4.0 ++	18.9 +++	4.30 +	0.21	20.49 ++	2764.	60.	2.
303	0000	-834	37.8044	80.1788		DCH	0.9	3.2 +	15.4 ++	3.45 +	0.21	16.81 +	2325.	60.	2.
304	0000	-834	37.8044	80.1794		DCH	1.0	2.2	12.7 +	2.30	0.18 -	12.99 +	1954.	61.	3.
305	0000	-833	37.8044	80.1799		DCH	1.0	2.0	10.3	2.08	0.20	10.62	1723.	61.	3.
306	0000	-834	37.8044	80.1804		DCH	0.9	2.0	8.9	2.19	0.22	9.77	1614.	59.	4.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292 —

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-834	37.8044	80.1810		DCH	1.0	2.0	8.2	2.10	0.25	8.51	1603.	59.	5.
308	0000	-833	37.8044	80.1816		DCH	0.9	2.2	8.0	2.40	0.27	8.89	1569.	60.	5.
309	0000	-834	37.8044	80.1822		DCH	0.9	2.2	7.5	2.53	0.29	8.70	1520.	62.	5.
310	0000	-834	37.8044	80.1827		DCH	0.8	2.2	7.1	2.66	0.31	8.48	1478.	59.	5.
311	0000	-834	37.8044	80.1833		DCH	0.8	2.1	6.8	2.62	0.31	8.37	1441.	56.	5.
312	0000	-833	37.8044	80.1838		DCH	0.8	1.9	6.5	2.36	0.29	8.17	1387.	54.	5.
313	0000	-832	37.8044	80.1844		DCH	0.8	1.7	6.9	2.13	0.25	8.59	1344.	55.	4.
314	0000	-831	37.8044	80.1849		DCH	0.7	1.5	6.8	2.12	0.22	9.75	1275.	57.	3.
315	0000	-831	37.8044	80.1855		DCH	0.7	1.6	6.4	2.39	0.25	9.53	1235.	56.	3.
316	0000	-830	37.8044	80.1861		DCH	0.6	1.4	6.3	2.20	0.22	9.84	1197.	56.	3.
317	0000	-830	37.8044	80.1866		DCH	0.6	1.2 -	5.9	1.89	0.20	9.42	1148.	57.	4.
318	0000	-830	37.8044	80.1872		DB-2	0.6 -	1.0 --	5.6 -	1.82	0.18 -	9.86 +	1102.	58.	6.
319	0000	-831	37.8044	80.1877		DB-2	0.6 -	1.0 --	5.9 -	1.77	0.17 -	10.30 +	1079.	58.	6.
320	0000	-832	37.8043	80.1883		DB-2	0.6 -	0.9 --	5.9 -	1.65	0.16 -	10.19 +	1088.	57.	8.
321	0000	-830	37.8044	80.1889		DB-2	0.6 -	0.9 --	6.3 -	1.42	0.14 --	10.38 +	1151.	55.	8.
322	0000	-828	37.8044	80.1894		DB-2	0.7 -	0.8 --	6.9	1.06 -	0.11 ---	9.81 +	1236.	54.	8.
323	0000	-828	37.8044	80.1900		DB-2	0.8 -	1.1 --	7.6	1.40	0.14 --	9.85 +	1340.	54.	8.
324	0000	-828	37.8044	80.1906		DB-2	0.9	1.2 -	8.7	1.35	0.14 --	9.95 +	1488.	56.	7.
325	0000	-828	37.8044	80.1911		DB-2	1.0	1.4 -	10.1 +	1.44	0.14 --	10.28 +	1633.	57.	5.
326	0000	-828	37.8044	80.1916		DB-2	1.1	1.7	10.7 +	1.56	0.15 -	10.13 +	1755.	55.	4.
327	0000	-827	37.8044	80.1922		DB-2	1.1	2.0	10.5 +	1.79	0.19 -	9.36	1843.	57.	3.
328	0000	-826	37.8043	80.1927		DB-2	1.2	2.1	10.7 +	1.78	0.20 -	8.98	1876.	57.	2.
329	0000	-825	37.8043	80.1933		DB-2	1.2	2.5	10.8 +	2.06	0.23	8.81	1935.	56.	2.
330	0000	-825	37.8043	80.1939		DB-2	1.2	2.5	10.6 +	2.02	0.23	8.71	1961.	56.	3.
331	0000	-823	37.8043	80.1945		DB-2	1.3	2.7 +	10.8 +	2.09	0.25	8.45	1996.	56.	4.
332	0000	-820	37.8043	80.1950		DB-2	1.4	2.7 +	10.3 +	1.90	0.26	7.36	2045.	53.	5.
333	0000	-820	37.8043	80.1956		DB-2	1.5	2.6	10.0 +	1.77	0.26	6.70	2080.	54.	6.
334	0000	-819	37.8043	80.1962		DB-2	1.6 +	2.7 +	9.9 +	1.67	0.27	6.18	2116.	56.	7.
335	0000	-813	37.8044	80.1967		DB-2	1.7 +	2.5	10.0 +	1.46	0.25	5.84	2159.	55.	8.
336	0000	-809	37.8044	80.1972		DB-2	1.8 +	2.0	10.2 +	1.12 -	0.19 -	5.79	2158.	57.	9.
337	0000	-809	37.8044	80.1978		DB-2	1.8 +	2.1	10.3 +	1.16 -	0.20	5.77	2169.	57.	8.
338	0000	-812	37.8044	80.1984		DB-2	1.7 +	1.9	9.9 +	1.13 -	0.20 -	5.78	2100.	57.	8.
339	0000	-815	37.8044	80.1990		DB-2	1.5	2.1	9.4	1.38	0.23	6.09	2033.	57.	7.
340	0000	-816	37.8044	80.1996		DB-2	1.4	2.2	9.4	1.56	0.24	6.54	1980.	57.	7.
341	0000	-816	37.8044	80.2001		DB-2	1.3	1.9	9.6	1.45	0.20	7.15	1919.	56.	7.
342	0000	-816	37.8044	80.2007		DB-2	1.2	2.2	9.1	1.78	0.24	7.37	1873.	56.	7.
343	0000	-817	37.8045	80.2012		DB-2	1.2	2.4	9.0	1.99	0.26	7.63	1851.	55.	6.
344	0000	-815	37.8045	80.2018		DB-2	1.2	2.2	8.5	1.86	0.26	7.26	1823.	56.	6.
345	0000	-814	37.8045	80.2023		DB-2	1.1	2.3	7.9	1.98	0.29	6.93	1814.	55.	5.
346	0000	-814	37.8045	80.2030		DB-2	1.2	2.1	8.4	1.79	0.25	7.07	1813.	58.	5.
347	0000	-814	37.8046	80.2036		DB-2	1.2	1.9	8.5	1.62	0.23	7.16	1791.	57.	4.
348	0000	-813	37.8046	80.2041		DB-2	1.2	1.9	8.7	1.64	0.22	7.41	1760.	58.	3.
349	0000	-814	37.8046	80.2047		DB-2	1.2	1.9	8.7	1.62	0.22	7.50	1736.	60.	3.
350	0000	-814	37.8046	80.2052		DB-2	1.2	1.9	8.5	1.65	0.22	7.36	1726.	60.	4.
351	0000	-813	37.8046	80.2058		DB-2	1.2	2.1	9.2	1.72	0.23	7.63	1762.	57.	3.
352	0000	-812	37.8046	80.2063		DB-2	1.3	2.2	9.7 +	1.72	0.23	7.53	1833.	58.	2.
353	0000	-813	37.8046	80.2069		DCH	1.3	2.3	10.0	1.73	0.23	7.57	1888.	56.	2.
354	0000	-814	37.8047	80.2075		DCH	1.4 +	2.2	9.9	1.58	0.23	7.02	1936.	58.	2.
355	0000	-814	37.8047	80.2081		DCH	1.4 +	2.4	9.9	1.71	0.25	6.95	1974.	59.	1.
356	0000	-813	37.8047	80.2087		DCH	1.4 +	2.6	10.0	1.82	0.26	6.93	1994.	54.	1.
357	0000	-812	37.8047	80.2092		DCH	1.4 +	2.7	9.7	1.89	0.28	6.85	1985.	53.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-813	37.8048	80.2098	DCH	1.4 +	2.6	9.5	1.82	0.28	6.61	1947.	55.	0.
359	0000	-812	37.8048	80.2103	DCH	1.4 +	2.3	9.7	1.62	0.24	6.83	1888.	55.	0.
360	0000	-812	37.8048	80.2109	DCH	1.4 +	2.1	9.4	1.46 -	0.22	6.67	1840.	55.	0.
361	0000	-812	37.8048	80.2115	DCH	1.4 +	2.2	9.2	1.57	0.24	6.70	1824.	54.	0.
362	0000	-812	37.8049	80.2121	DCH	1.4 +	1.9	9.0	1.41 -	0.22	6.57	1808.	54.	1.
363	0000	-812	37.8049	80.2127	DCH	1.4 +	1.7	9.1	1.19 -	0.18 -	6.53	1783.	53.	2.
364	0000	-813	37.8049	80.2132	DCH	1.4 +	1.6	9.1	1.13 -	0.17 -	6.55	1761.	55.	3.
365	0000	-812	37.8049	80.2138	DCH	1.3	1.4 -	8.8	1.07 -	0.15 -	6.89	1707.	55.	4.
366	0000	-812	37.8049	80.2143	DCH	1.2	1.4	8.3	1.17 -	0.17 -	6.83	1654.	56.	5.
367	0000	-812	37.8049	80.2149	DCH	1.1	1.4 -	7.7	1.22 -	0.18 -	6.77	1580.	57.	5.
368	0000	-811	37.8049	80.2155	DCH	1.0	1.2 -	7.4	1.15 -	0.16 -	7.11	1500.	59.	6.
369	0000	-810	37.8049	80.2160	DCH	1.0	1.2 -	7.3	1.21 -	0.16 -	7.44	1454.	60.	6.
370	0000	-811	37.8050	80.2166	DCH	0.9	1.3 -	7.1	1.35 -	0.18 -	7.64	1443.	62.	7.
371	0000	-811	37.8050	80.2172	DCH	0.9	1.0 -	7.6	1.12 -	0.14 --	8.31	1437.	61.	7.
372	0000	-811	37.8050	80.2178	DCH	0.9	1.1 -	7.7	1.19 -	0.14 --	8.39	1452.	61.	6.
373	0000	-812	37.8050	80.2183	DCH	0.9	1.3 -	7.8	1.39 -	0.16 -	8.65	1495.	58.	5.
374	0000	-812	37.8051	80.2189	DCH	0.9	1.5	8.1	1.69	0.19 -	8.87	1560.	57.	4.
375	0000	-812	37.8051	80.2194	DCH	1.0	1.8	8.5	1.85	0.21	8.76	1649.	56.	3.
376	0000	-811	37.8051	80.2200	DCH	1.0	2.1	8.4	2.13	0.25	8.42	1728.	56.	3.
377	0000	-811	37.8051	80.2206	DCH	1.0	2.3	8.4	2.22	0.27	8.18	1761.	57.	2.
378	0000	-811	37.8051	80.2212	DCH	1.0	2.5	8.4	2.44	0.30	8.22	1774.	56.	1.
379	0000	-809	37.8051	80.2217	DCH	1.1	2.5	8.4	2.38	0.30	8.01	1770.	58.	1.
380	0000	-808	37.8051	80.2224	DCH	1.0	2.4	8.5	2.32	0.28	8.37	1714.	59.	1.
381	0000	-807	37.8052	80.2228	DCH	1.0	2.1	8.5	2.19	0.25	8.83	1649.	59.	1.
382	0000	-806	37.8052	80.2234	DCH	0.9	2.0	8.3	2.22	0.24	9.31	1574.	58.	1.
383	0000	-806	37.8052	80.2240	DCH	0.9	1.8	8.3	2.08	0.21	9.75	1500.	59.	1.
384	0000	-806	37.8052	80.2246	DCH	0.8	1.5	8.2	1.78	0.18 -	9.89	1468.	59.	2.
385	0000	-807	37.8053	80.2252	DCH	0.8	1.6	7.8	1.88	0.20	9.43	1455.	60.	2.
386	0000	-810	37.8053	80.2257	DCH	0.8	1.5	8.0	1.82	0.19 -	9.68	1462.	57.	2.
387	0000	-810	37.8053	80.2263	DCH	0.9	1.5	7.8	1.64	0.19 -	8.76	1522.	55.	3.
388	0000	-810	37.8053	80.2269	DCH	0.9	1.7	7.8	1.85	0.22	8.23	1570.	56.	4.
389	0000	-810	37.8054	80.2274	DCH	1.0	1.7	7.9	1.79	0.22	8.14	1613.	57.	5.
390	0000	-810	37.8054	80.2280	DCH	1.1	1.9	8.0	1.73	0.24	7.27	1707.	55.	5.
391	0000	-810	37.8054	80.2286	DCH	1.2	2.0	8.2	1.74	0.25	7.01	1789.	54.	6.
392	0000	-811	37.8054	80.2292	DCH	1.2	2.1	8.4	1.72	0.25	6.79	1860.	53.	6.
393	0000	-810	37.8054	80.2297	DCH	1.3	2.2	8.5	1.65	0.26	6.44	1916.	56.	6.
394	0000	-809	37.8054	80.2303	DCH	1.4 +	2.4	9.1	1.76	0.27	6.58	1985.	58.	5.
395	0000	-808	37.8054	80.2309	DCH	1.5 +	2.3	9.6	1.59	0.24	6.52	2045.	56.	4.
396	0000	-808	37.8055	80.2314	DCH	1.5 +	2.4	9.7	1.56	0.25	6.29	2090.	54.	3.
397	0000	-808	37.8055	80.2320	DCH	1.5 +	2.3	9.7	1.53	0.24	6.37	2064.	53.	3.
398	0000	-810	37.8055	80.2325	DCH	1.5 +	2.6	9.6	1.75	0.27	6.46	2016.	53.	1.
399	0000	-809	37.8055	80.2331	DCH	1.4 +	2.4	9.4	1.67	0.26	6.52	1970.	53.	1.
400	0000	-807	37.8056	80.2337	DCH	1.4 +	2.5	9.5	1.83	0.27	6.84	1953.	52.	0.
401	0000	-807	37.8056	80.2343	DCH	1.3 +	2.4	9.0	1.75	0.26	6.70	1909.	51.	1.
402	0000	-808	37.8056	80.2348	DCH	1.3	2.5	8.6	1.91	0.29	6.67	1867.	53.	1.
403	0000	-808	37.8056	80.2355	DCH	1.3	2.4	8.6	1.85	0.28	6.65	1852.	56.	2.
404	0000	-807	37.8056	80.2359	DCH	1.2	2.2	8.9	1.80	0.25	7.11	1855.	54.	4.
405	0000	-808	37.8056	80.2365	DCH	1.2	2.2	9.3	1.81	0.24	7.60	1889.	54.	5.
406	0000	-808	37.8056	80.2371	DCH	1.3	2.3	10.1	1.83	0.23	7.92	1958.	53.	6.
407	0000	-808	37.8056	80.2377	DCH	1.3 +	2.2	10.3	1.61	0.21	7.66	2002.	51.	8.
408	0000	-809	37.8057	80.2382	DCH	1.4 +	2.0	10.5	1.42 -	0.19 -	7.43	2026.	51.	9.

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FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-809	37.8057	80.2388		DCH	1.5 +	1.7	11.1 +	1.16 -	0.15 -	7.56	2028.	54.	11.
410	0000	-809	37.8057	80.2394		DCH	1.4 +	1.7	11.1 +	1.15 -	0.15 -	7.70	2031.	53.	11.
411	0000	-809	37.8057	80.2399		DCH	1.4 +	1.7	11.1 +	1.22 -	0.15 -	7.89	2032.	56.	11.
412	0000	-808	37.8058	80.2405		DCH	1.5 +	1.6	11.2 +	1.06 -	0.14 --	7.43	2044.	56.	10.
413	0000	-809	37.8058	80.2411		DCH	1.5 +	1.5	10.6	1.03 -	0.14 --	7.19	2014.	56.	10.
414	0000	-809	37.8058	80.2417		DCH	1.4 +	1.8	10.2	1.23 -	0.17 -	7.09	1979.	56.	8.
415	0000	-807	37.8058	80.2422		DCH	1.3	1.9	10.0	1.41 -	0.19 -	7.50	1941.	58.	7.
416	0000	-807	37.8058	80.2428		DCH	1.3	2.1	9.3	1.62	0.22	7.31	1924.	55.	6.
417	0000	-808	37.8058	80.2434		DCH	1.2	2.2	9.3	1.80	0.24	7.56	1903.	55.	4.
418	0000	-808	37.8059	80.2440		DCH	1.2	2.2	9.4	1.77	0.24	7.53	1893.	54.	3.
419	0000	-810	37.8059	80.2445		DCH	1.1	2.3	9.3	2.14	0.25	8.60	1859.	55.	2.
420	0000	-810	37.8059	80.2451		DCH	1.0	2.4	9.3	2.35	0.26	9.12	1823.	56.	1.
421	0000	-809	37.8059	80.2456		DCH	0.9	2.4	9.6	2.53	0.25	10.25	1792.	56.	1.
422	0000	-811	37.8059	80.2462		DCH	0.9	2.3	9.6	2.57	0.24	10.63	1757.	58.	1.
423	0000	-813	37.8060	80.2468		DCH	0.8	2.3	10.4	2.70	0.22	12.42	1775.	58.	2.
424	0000	-812	37.8060	80.2474		DCH	0.8	2.3	10.6	2.86	0.22	12.84 +	1783.	56.	3.
425	0000	-812	37.8060	80.2480		DCH	0.8	2.4	10.6	3.11	0.23	13.63 +	1764.	58.	4.
426	0000	-812	37.8060	80.2485		DCH	0.8	2.3	10.4	2.89	0.22	13.17 +	1739.	57.	5.
427	0000	-812	37.8061	80.2491		DCH	0.8	2.2	10.0	2.74	0.22	12.41	1722.	58.	5.
428	0000	-813	37.8061	80.2496		DCH	0.8	2.1	9.7	2.52	0.22	11.70	1706.	61.	6.
429	0000	-813	37.8061	80.2502		DCH	0.8	2.3	9.6	2.69	0.24	11.39	1722.	58.	5.
430	0000	-813	37.8061	80.2508		DCH	0.9	2.3	9.2	2.57	0.25	10.41	1709.	59.	5.
431	0000	-814	37.8062	80.2514		DCH	0.9	2.2	9.3	2.40	0.24	10.10	1698.	63.	4.
432	0000	-815	37.8062	80.2520		DCH	0.9	2.3	9.0	2.45	0.25	9.66	1722.	61.	3.
433	0000	-816	37.8062	80.2525		DB-2	1.0	2.2	8.9	2.22	0.25	8.81	1748.	61.	2.
434	0000	-816	37.8062	80.2531		DB-2	1.0	2.4	9.0	2.30	0.26	8.82	1762.	61.	1.
435	0000	-815	37.8062	80.2536		DB-2	1.1	2.6	9.1	2.41	0.28	8.48	1778.	60.	1.
436	0000	-816	37.8062	80.2542		DB-2	1.1	2.4	9.3	2.16	0.26	8.33	1785.	59.	1.
437	0000	-817	37.8062	80.2547		DB-2	1.2	2.5	8.5	2.15	0.29	7.36	1767.	58.	2.
438	0000	-815	37.8063	80.2554		DB-2	1.2	2.5	8.2	2.13	0.30	7.07	1762.	55.	2.
439	0000	-816	37.8063	80.2559		DB-2	1.2	2.4	8.0	1.95	0.30	6.48	1770.	56.	3.
440	0000	-817	37.8063	80.2565		DB-2	1.2	2.3	8.1	1.96	0.29	6.77	1752.	58.	4.
441	0000	-816	37.8063	80.2571		DB-2	1.2	2.3	8.3	1.87	0.28	6.77	1770.	58.	5.
442	0000	-816	37.8064	80.2576		DB-2	1.2	2.1	8.5	1.70	0.24	6.98	1768.	58.	6.
443	0000	-815	37.8064	80.2582		DB-2	1.2	2.0	8.2	1.63	0.24	6.79	1756.	59.	6.
444	0000	-814	37.8064	80.2587		DB-2	1.2	1.9	8.6	1.62	0.22	7.33	1753.	59.	6.
445	0000	-814	37.8064	80.2593		DB-2	1.2	1.6 -	8.3	1.34	0.19 -	6.99	1726.	61.	7.
446	0000	-814	37.8064	80.2599		DB-2	1.1	1.5 -	8.4	1.40	0.19 -	7.35	1700.	60.	6.
447	0000	-813	37.8064	80.2605		DB-2	1.2	1.9	8.1	1.60	0.23	6.93	1712.	55.	5.
448	0000	-814	37.8064	80.2611		DB-2	1.1	1.9	7.7	1.71	0.25	6.84	1708.	54.	5.
449	0000	-815	37.8064	80.2616		DB-2	1.2	2.1	7.3	1.81	0.29	6.29	1737.	53.	4.
450	0000	-815	37.8065	80.2621		DB-2	1.2	2.2	7.6	1.85	0.29	6.32	1791.	52.	4.
451	0000	-816	37.8065	80.2627		DB-2	1.3	2.1	8.3	1.61	0.25	6.56	1847.	52.	4.
452	0000	-818	37.8065	80.2633		DB-2	1.3	2.3	8.6	1.84	0.27	6.83	1940.	50.	4.
453	0000	-817	37.8066	80.2639		DB-2	1.3	2.4	8.8	1.77	0.27	6.55	1986.	51.	4.
454	0000	-816	37.8066	80.2645		DB-2	1.4	2.0	9.5	1.49	0.21	6.92	1988.	53.	4.
455	0000	-818	37.8066	80.2650		DB-2	1.5	1.9	10.0 +	1.30	0.19 -	6.84	2003.	55.	5.
456	0000	-819	37.8066	80.2656		DB-2	1.5	1.9	10.4 +	1.27 -	0.18 -	7.09	2011.	55.	5.
457	0000	-818	37.8066	80.2661		DB-2	1.5	2.0	10.4 +	1.34	0.19 -	6.98	2020.	56.	5.
458	0000	-819	37.8067	80.2667		DB-2	1.5	2.0	10.0 +	1.34	0.20	6.55	2009.	57.	5.
459	0000	-819	37.8067	80.2672		DB-2	1.5	1.9	10.3 +	1.23 -	0.18 -	6.70	1961.	56.	4.

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FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-819	37.8067	80.2679	DB-2	1.5	1.7	10.5 +	1.12 -	0.16 -	7.02	1925.	56.	4.
461	0000	-821	37.8067	80.2685	DB-2	1.5	1.8	10.3 +	1.22 -	0.17 -	7.04	1918.	55.	5.
462	0000	-821	37.8067	80.2690	DB-2	1.4	1.8	10.1 +	1.26 -	0.18 -	7.01	1922.	54.	5.
463	0000	-820	37.8067	80.2696	DB-2	1.5	1.6	9.8 +	1.10 -	0.17 -	6.58	1906.	55.	6.
464	0000	-821	37.8067	80.2702	DB-2	1.4	1.5 -	9.7 +	1.05 -	0.15 -	6.84	1867.	55.	6.
465	0000	-821	37.8068	80.2707	DB-2	1.4	1.5 -	9.7 +	1.04 -	0.15 --	6.91	1857.	52.	6.
466	0000	-820	37.8068	80.2712	DB-2	1.4	1.7	9.2	1.18 -	0.18 -	6.48	1856.	54	5.
467	0000	-822	37.8068	80.2719	DB-2	1.5	1.9	8.8	1.33	0.22	6.01	1915.	53.	5.
468	0000	-824	37.8068	80.2725	DMB-2	1.5	2.1	8.3	1.38	0.25	5.54	1936.	54.	5.
469	0000	-824	37.8069	80.2730	DMB-2	1.5	1.9	8.4	1.28	0.23	5.55	1918.	52.	5.
470	0000	-825	37.8069	80.2736	DMB-2	1.5	2.1	8.3	1.42	0.26	5.53	1918.	52.	3.
471	0000	-826	37.8069	80.2742	DMB-2	1.6	2.1	8.4	1.34	0.25	5.34	1946.	51.	3.
472	0000	-826	37.8069	80.2747	DMB-2	1.6	2.3	8.7	1.41	0.26	5.37	1977.	54.	3.
473	0000	-826	37.8069	80.2752	DMB-2	1.7 +	2.3	9.1 +	1.33	0.25	5.34	2024.	54.	4.
474	0000	-827	37.8069	80.2758	DMB-2	1.7 +	2.1	9.2 +	1.24	0.23	5.31	2019.	52.	4.
475	0000	-827	37.8069	80.2764	DMB-2	1.7 +	2.1	9.6 +	1.22	0.22	5.66	2002.	55.	4.
476	0000	-826	37.8070	80.2770	DMB-2	1.6	2.3	9.6 +	1.43	0.24	5.94	1984.	57.	4.
477	0000	-824	37.8070	80.2776	DMB-2	1.6	2.5	9.5 +	1.62	0.27	6.10	1981.	53.	4.
478	0000	-823	37.8070	80.2781	DMB-2	1.4	2.8	9.3 +	1.93	0.30	6.43	1939.	52.	4.
479	0000	-826	37.8070	80.2787	DMB-2	1.3	2.9 +	9.2 +	2.24 +	0.32	7.10 +	1871.	50.	3.
480	0000	-827	37.8071	80.2792	DMB-2	1.2 -	2.9 +	9.0	2.45 +	0.33	7.53 ++	1819.	49.	2.
481	0000	-826	37.8071	80.2798	DMB-2	1.1 -	2.8	9.0	2.42 +	0.30	7.94 ++	1768.	52.	2.
482	0000	-828	37.8071	80.2804	DMB-2	1.1 -	3.0 +	8.8	2.62 +	0.34	7.64 ++	1776.	48.	2.
483	0000	-831	37.8071	80.2810	DMB-2	1.2 -	2.9	8.3	2.41 +	0.35	6.95 +	1780.	47.	2.
484	0000	-833	37.8071	80.2815	DMB-2	1.2 -	2.7	8.7	2.31 +	0.31	7.35 +	1764.	49.	2.
485	0000	-832	37.8072	80.2821	DMB-2	1.2 -	2.6	8.3	2.13	0.31	6.86 +	1776.	50.	3.
486	0000	-831	37.8072	80.2827	DMB-2	1.3	2.5	8.1	1.92	0.31	6.19	1791.	50.	4.
487	0000	-831	37.8072	80.2832	DMB-2	1.3 -	2.3	7.9	1.86	0.29	6.30	1752.	51.	6.
488	0000	-832	37.8072	80.2839	DMB-2	1.2 -	2.5	7.5 -	2.17 +	0.33	6.50	1697.	50.	7.
489	0000	-833	37.8072	80.2844	DO	1.1 +	2.3 +	6.9 +	2.16 -	0.33	6.50 -	1614.	50.	9.
490	0000	-834	37.8072	80.2851	DO	1.0 +	2.4 +	6.6 +	2.50	0.36	6.95	1537.	49.	9.
491	0000	-834	37.8072	80.2857	DO	0.9 +	2.1 +	6.3 +	2.42 -	0.34	7.23	1432.	49.	11.
492	0000	-835	37.8072	80.2863	DO	0.7 +	1.9	5.5 +	2.57	0.34	7.46	1307.	48.	12.
493	0000	-835	37.8072	80.2869	DO	0.6 +	1.8	5.0	2.82	0.36	7.86	1187.	47.	12.
494	0000	-835	37.8071	80.2875	DHL	0.6	1.6	4.2	2.86	0.38	7.57	1060.	46.	12.
495	0000	-836	37.8071	80.2881	DHL	0.5	1.4	3.9	2.66	0.35	7.65	961.	46.	11.
496	0000	-836	37.8071	80.2888	DHL	0.5	1.1	3.5	2.27	0.32	7.19	873.	46.	10.
497	0000	-838	37.8071	80.2894	DHL	0.5	0.8 -	3.5	1.75 -	0.23 -	7.75	811.	47.	9.
498	0000	-841	37.8071	80.2900	DHL	0.5	0.7 -	3.6	1.46 -	0.20 -	7.44	813.	45.	8.
499	0000	-840	37.8071	80.2906	DHL	0.5	0.9 -	4.2	1.63 -	0.21 -	7.86	863.	47.	6.
500	0000	-840	37.8072	80.2912	DHL	0.6	1.0	4.5	1.71 -	0.23 -	7.42	954.	48.	4.
501	0000	-843	37.8071	80.2919	DO	0.7 +	1.3	5.1	1.91 -	0.26	7.33	1080.	50.	3.
502	0000	-843	37.8071	80.2924	DO	0.8 +	1.6	6.2 +	1.99 -	0.26	7.77	1226.	50.	2.
503	0000	-842	37.8071	80.2930	DO	0.9 +	1.8	7.1 +	2.02 -	0.26	7.84	1368.	51.	1.
504	0000	-844	37.8071	80.2937	DMB-2	1.1 --	2.2	7.8	2.09	0.29	7.31 +	1521.	50.	1.
505	0000	-845	37.8071	80.2943	DMB-2	1.1 -	2.7	7.8	2.37 +	0.34	6.99 +	1632.	51.	1.
506	0000	-845	37.8071	80.2950	DMB-2	1.2 -	2.7	8.1	2.29 +	0.34	6.73 +	1716.	51.	1.
507	0000	-846	37.8071	80.2955	DMB-2	1.3 -	2.6	8.6	2.08	0.31	6.74 +	1769.	51.	1.
508	0000	-847	37.8071	80.2962	DMB-2	1.4	2.5	9.1 +	1.84	0.28	6.56 +	1835.	49.	2.
509	0000	-846	37.8071	80.2968	DMB-2	1.5	2.5	8.7	1.68	0.29	5.86	1878.	49.	3.
510	0000	-846	37.8071	80.2974	DMB-2	1.6	2.3	8.8	1.44	0.26	5.56	1909.	50.	5.

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FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-846	37.8071	80.2980	DMB-2	1.6	2.0	8.9	1.21	0.22	5.48	1938.	50.	6.
512	0000	-846	37.8071	80.2986	DMB-2	1.6	1.8	9.0	1.07 -	0.20 -	5.46	1948.	51.	6.
513	0000	-846	37.8071	80.2992	DMB-2	1.7	1.7 -	9.2 +	0.99 -	0.18 -	5.53	1939.	49.	6.
514	0000	-846	37.8070	80.2999	DB-2	1.6 +	1.7	9.1	1.03 -	0.19 -	5.53	1933.	48.	6.
515	0000	-846	37.8070	80.3004	DB-2	1.6 +	1.6 -	8.7	1.02 -	0.18 -	5.53	1911.	49.	6.
516	0000	-845	37.8070	80.3011	DB-2	1.5	1.8	8.4	1.18 -	0.21	5.63	1882.	51.	5.
517	0000	-846	37.8070	80.3017	DB-2	1.4	2.0	8.2	1.41	0.24	5.80	1865.	51.	4.
518	0000	-848	37.8071	80.3023	DB-2	1.4	2.2	8.1	1.60	0.27	5.92	1851.	52.	3.
519	0000	-847	37.8071	80.3029	DB-2	1.4	2.1	8.4	1.48	0.25	5.95	1856.	52.	3.
520	0000	-847	37.8070	80.3035	DB-2	1.4	2.0	8.2	1.45	0.24	6.01	1858.	53.	2.
521	0000	-848	37.8070	80.3042	DB-2	1.4	1.9	8.3	1.39	0.23	6.08	1863.	56.	2.
522	0000	-849	37.8070	80.3048	DB-2	1.4	2.1	8.1	1.54	0.26	5.97	1875.	57.	2.
523	0000	-850	37.8070	80.3053	DB-2	1.4	1.9	8.4	1.38	0.22	6.16	1879.	55.	2.
524	0000	-852	37.8070	80.3060	DB-2	1.4	1.9	9.0	1.43	0.21	6.67	1910.	51.	2.
525	0000	-852	37.8070	80.3066	DB-2	1.3	1.9	9.1	1.41	0.21	6.78	1909.	50.	3.
526	0000	-850	37.8070	80.3073	DB-2	1.3	2.3	9.1	1.73	0.25	7.00	1919.	50.	3.
527	0000	-851	37.8070	80.3078	DB-2	1.4	2.3	9.2	1.69	0.25	6.77	1937.	51.	4.
528	0000	-852	37.8070	80.3084	DB-2	1.4	2.2	9.4	1.64	0.24	6.90	1937.	50.	4.
529	0000	-852	37.8070	80.3091	DB-2	1.3	2.2	10.0 +	1.66	0.22	7.45	1910.	48.	4.
530	0000	-854	37.8070	80.3097	DB-2	1.3	2.2	9.8 +	1.70	0.23	7.51	1882.	51.	4.
531	0000	-853	37.8070	80.3103	DB-2	1.3	2.1	9.6	1.61	0.22	7.44	1851.	53.	4.
532	0000	-854	37.8070	80.3109	DB-2	1.2	2.1	9.6	1.70	0.22	7.74	1823.	53.	4.
533	0000	-856	37.8069	80.3115	DCH	1.2	1.9	9.2	1.53	0.21	7.38	1785.	54.	3.
534	0000	-855	37.8069	80.3122	DCH	1.2	2.0	9.2	1.64	0.22	7.61	1767.	53.	3.
535	0000	-855	37.8069	80.3127	DCH	1.2	1.9	9.0	1.59	0.22	7.36	1761.	53.	3.
536	0000	-857	37.8069	80.3134	DCH	1.3	1.9	8.9	1.51	0.22	6.98	1769.	53.	3.
537	0000	-856	37.8069	80.3140	DCH	1.3	1.9	8.8	1.49	0.22	6.84	1780.	51.	3.
538	0000	-855	37.8069	80.3146	DCH	1.3	1.8	8.8	1.40 -	0.21	6.68	1778.	54.	3.
539	0000	-856	37.8069	80.3152	DCH	1.4 +	1.7	8.6	1.28 -	0.20	6.33	1776.	55.	3.
540	0000	-857	37.8069	80.3158	DCH	1.4 +	1.7	9.2	1.24 -	0.18 -	6.70	1827.	55.	3.
541	0000	-860	37.8069	80.3164	DCH	1.4 +	1.9	9.2	1.34 -	0.20	6.56	1861.	56.	3.
542	0000	-860	37.8069	80.3171	DCH	1.4 +	2.0	9.6	1.39 -	0.21	6.80	1901.	56.	4.
543	0000	-859	37.8069	80.3177	DCH	1.5 +	1.9	9.8	1.31 -	0.20	6.67	1967.	57.	5.
544	0000	-859	37.8069	80.3183	DCH	1.5 +	2.1	10.7 ●	1.39 -	0.20	7.08	2044.	57.	5.
545	0000	-858	37.8069	80.3189	DCH	1.6 +	2.2	11.2 +	1.41 -	0.20	7.21	2109.	56.	5.
546	0000	-859	37.8069	80.3195	DCH	1.6 +	2.1	11.8 +	1.31 -	0.18 -	7.41	2174.	54.	5.
547	0000	-859	37.8069	80.3202	DCH	1.6 +	2.1	11.8 +	1.36 -	0.18 -	7.49	2195.	55.	5.
548	0000	-858	37.8069	80.3208	DCH	1.6 +	1.8	12.0 +	1.14 -	0.15 -	7.57	2203.	56.	5.
549	0000	-860	37.8069	80.3214	DCH	1.6 +	2.1	11.6 +	1.35 -	0.18 -	7.34	2195.	55.	4.
550	0000	-860	37.8069	80.3220	DCH	1.5 +	2.0	11.6 +	1.32 -	0.17 -	7.65	2154.	53.	4.
551	0000	-859	37.8069	80.3226	DCH	1.5 +	1.7	11.4 +	1.12 -	0.15 -	7.51	2108.	54.	4.
552	0000	-859	37.8069	80.3233	DCH	1.5 +	1.8	11.1 +	1.22 -	0.16 -	7.52	2098.	54.	4.
553	0000	-859	37.8068	80.3238	DCH	1.4 +	2.0	10.7	1.41 -	0.19 -	7.52	2076.	56.	4.
554	0000	-860	37.8068	80.3245	DCH	1.4 +	1.9	10.8	1.35 -	0.18 -	7.69	2051.	57.	5.
555	0000	-861	37.8068	80.3251	DCH	1.4 +	1.9	10.5	1.42 -	0.19 -	7.65	2041.	57.	6.
556	0000	-862	37.8068	80.3257	DCH	1.3	1.8	10.7	1.35 -	0.17 -	8.07	2033.	58.	8.
557	0000	-861	37.8068	80.3263	DCH	1.3	1.8	10.6	1.45 -	0.17 -	8.38	2056.	59.	10.
558	0000	-861	37.8069	80.3269	DCH	1.2	2.0	10.2	1.64	0.20	8.26	2085.	61.	11.
559	0000	-862	37.8068	80.3275	DCH	1.3	1.8	10.2	1.43 -	0.18 -	7.98	2077.	61.	12.
560	0000	-863	37.8068	80.3282	DCH	1.3	1.8	10.4	1.38 -	0.17 -	7.95	2057.	61.	11.
561	0000	-863	37.8068	80.3287	DCH	1.3 +	1.8	9.6	1.37 -	0.19 -	7.22	2029.	59.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-862	37.8068	80.3294		DCH	1.3	2.0	9.8	1.55	0.20	7.64	1993.	57.	9.
563	0000	-861	37.8068	80.3300		DCH	1.3	2.0	9.6	1.59	0.21	7.60	1948.	58.	7.
564	0000	-863	37.8068	80.3306		DCH	1.3	1.9	8.9	1.51	0.21	7.06	1873.	60.	6.
565	0000	-863	37.8068	80.3312		DCH	1.2	1.9	8.9	1.58	0.22	7.32	1794.	59.	4.
566	0000	-861	37.8068	80.3318		DCH	1.1	2.0	8.6	1.77	0.23	7.57	1744.	59.	3.
567	0000	-862	37.8068	80.3324		DCH	1.1	1.9	8.0	1.65	0.23	7.06	1715.	59.	4.
568	0000	-862	37.8068	80.3330		DCH	1.1	1.9	7.9	1.78	0.25	7.25	1695.	61.	4.
569	0000	-861	37.8068	80.3336		MPO	1.1 +	1.8	7.6	1.67 -	0.24	6.83 -	1677.	62.	5.
570	0000	-863	37.8068	80.3342		MPO	1.2 +	1.6	7.6	1.40 -	0.22	6.45 -	1684.	61.	6.
571	0000	-863	37.8068	80.3349		MPO	1.2 +	1.8	7.9	1.49 -	0.22	6.71 -	1710.	60.	7.
572	0000	-862	37.8067	80.3355		MPO	1.2 +	1.7	8.0	1.39 -	0.21	6.62 -	1735.	59.	9.
573	0000	-863	37.8067	80.3361		MPO	1.2 +	1.6	8.2	1.38 -	0.20 -	6.83 -	1751.	60.	9.
574	0000	-862	37.8067	80.3367		MPO	1.1 +	1.7	8.7	1.49 -	0.19 -	7.66	1787.	60.	9.
575	0000	-862	37.8067	80.3374		MPO	1.1 +	1.7	9.2 +	1.57 -	0.19 -	8.42	1809.	62.	9.
576	0000	-864	37.8067	80.3380		MPO	1.1 +	1.6	10.3 +	1.45 -	0.15 --	9.64	1842.	61.	9.
577	0000	-863	37.8067	80.3386		MPO	1.0 +	1.8	10.7 +	1.77 -	0.17 -	10.53	1868.	61.	9.
578	0000	-865	37.8067	80.3392		MPO	1.0 +	1.8	11.1 +	1.75 -	0.16 -	10.74	1883.	62.	8.
579	0000	-865	37.8067	80.3398		MPO	1.0 +	1.9	11.2 +	1.85	0.17 -	11.10	1912.	62.	8.
580	0000	-864	37.8067	80.3404		MPO	1.0 +	1.9	11.3 +	1.86	0.17 -	10.98	1931.	61.	8.
581	0000	-866	37.8067	80.3411		MPO	1.0 +	1.7	11.4 +	1.65 -	0.15 --	10.98	1904.	62.	6.
582	0000	-865	37.8067	80.3416		MPO	1.0 +	1.7	11.3 +	1.68 -	0.15 -	11.09	1860.	60.	5.
583	0000	-862	37.8067	80.3423		MPO	1.0 +	1.7	10.4 +	1.72 -	0.16 -	10.54	1796.	60.	6.
584	0000	-864	37.8067	80.3429		MPO	1.0	1.6	10.2 +	1.70 -	0.16 -	10.67	1738.	61.	6.
585	0000	-865	37.8067	80.3435		MPO	0.8	1.8	9.8 +	2.18	0.19 -	11.69	1683.	63.	5.
586	0000	-864	37.8067	80.3441		MPO	0.8	2.0	9.2 +	2.47	0.21	11.61	1615.	63.	4.
587	0000	-865	37.8067	80.3447		MPO	0.7	2.1	8.7	3.08	0.25	12.50	1553.	63.	3.
588	0000	-865	37.8067	80.3454		MPO	0.6	2.5 +	8.4	4.09	0.30	13.64 +	1515.	62.	3.
589	0000	-865	37.8067	80.3460		MPO	0.6	2.3	8.5	3.68	0.27	13.79 +	1506.	61.	3.
590	0000	-865	37.8067	80.3465		MPO	0.6	2.4 +	8.6	4.17 +	0.28	14.84 +	1501.	61.	2.
591	0000	-864	37.8067	80.3472		MPO	0.5	2.6 +	8.5	4.68 +	0.30	15.41 +	1493.	58.	1.
592	0000	-865	37.8066	80.3478		MPO	0.6	2.4 +	8.3	4.26 +	0.29	14.67 +	1479.	54.	2.
593	0000	-866	37.8066	80.3485		MPO	0.6	2.4	8.7	4.04	0.27	14.89 +	1447.	54.	1.
594	0000	-865	37.8066	80.3490		MPO	0.6	2.2	8.7	3.95	0.26	15.33 +	1427.	53.	1.
595	0000	-865	37.8066	80.3497		MPO	0.6	2.2	8.8	3.95	0.25	15.54 +	1407.	54.	1.
596	0000	-865	37.8066	80.3503		MPO	0.5	2.2	8.4	4.17 +	0.26	15.76 +	1357.	54.	2.
597	0000	-865	37.8066	80.3509		MPO	0.5	2.0	7.7	4.08	0.26	15.85 +	1276.	56.	3.
598	0000	-865	37.8066	80.3515		MPO	0.5	1.6	7.0	3.42	0.23	15.19 +	1177.	60.	4.
599	0000	-864	37.8066	80.3521		MPO	0.4 -	1.4	6.2	3.29	0.22	14.71 +	1080.	64.	6.
600	0000	-865	37.8066	80.3527		MPO	0.4 -	1.1 -	5.8	2.92	0.19 -	15.46 +	999.	63.	8.
601	0000	-865	37.8066	80.3534		MPO	0.4 -	0.8 -	5.1	2.21	0.16 -	13.99 +	915.	62.	10.
602	0000	-863	37.8066	80.3539		MPO	0.3 -	0.4 --	4.4 -	1.25 -	0.10 ---	12.70	831.	63.	11.
603	0000	-863	37.8066	80.3546		MPO	0.3 -	0.5 --	4.2 -	1.34 -	0.11 ---	12.43	804.	63.	11.
604	0000	-865	37.8066	80.3552		MPO	0.4 -	0.5 --	4.2 -	1.32 -	0.11 --	11.61	812.	61.	11.
605	0000	-865	37.8065	80.3558		MPO	0.4 -	0.7 --	4.3 -	1.84 -	0.17 -	10.96	835.	59.	9.
606	0000	-863	37.8065	80.3564		MPO	0.4 -	0.8 -	4.7	2.08	0.17 -	11.92	871.	58.	7.
607	0000	-863	37.8065	80.3570		MPO	0.4 -	1.1 -	4.7	2.58	0.23	11.47	919.	57.	6.
608	0000	-864	37.8065	80.3576		MPO	0.4 -	1.4	4.8	3.41	0.29	11.86	954.	58.	4.
609	0000	-864	37.8065	80.3583		MPO	0.5	1.6	5.0	3.42	0.32	10.68	1019.	57.	3.
610	0000	-864	37.8066	80.3589		MPO	0.5	1.6	5.1	3.21	0.32	9.99	1067.	57.	3.
611	0000	-863	37.8065	80.3595		MPO	0.6	1.8	5.3	3.26	0.34	9.57	1130.	59.	3.
612	0000	-862	37.8065	80.3601		MPO	0.6	1.8	5.9	3.13	0.30	10.58	1184.	58.	4.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-862	37.8065	80.3607	MPO	0.6	1.7	6.4	2.73	0.26	10.46	1234.	58.	5.
614	0000	-863	37.8065	80.3614	MPO	0.6	1.7	6.7	2.75	0.25	11.00	1257.	60.	6.
615	0000	-864	37.8065	80.3619	MPO	0.6	1.5	7.3	2.39	0.20 -	11.87	1306.	60.	7.
616	0000	-864	37.8065	80.3625	MPO	0.6	1.5	7.6	2.42	0.20 -	12.16	1340.	58.	7.
617	0000	-862	37.8065	80.3632	MPO	0.6	1.6	8.2	2.46	0.19 -	12.70	1393.	58.	7.
618	0000	-862	37.8065	80.3638	MMCC	0.6 -	1.7	8.9 +	2.76	0.19 -	14.71 +	1421.	57.	7.
619	0000	-863	37.8065	80.3645	MMCC	0.6	1.8	8.9 +	2.93	0.21	14.19 +	1437.	57.	6.
620	0000	-862	37.8065	80.3650	MMCC	0.6	2.0	8.4	3.15	0.24	13.09 +	1431.	57.	5.
621	0000	-862	37.8065	80.3657	MG	0.6 -	2.1	8.4	3.32	0.25	13.17 ++	1428.	57.	4.
622	0000	-863	37.8065	80.3663	MG	0.7	2.1	8.0	3.02	0.26	11.65 +	1406.	57.	3.
623	0000	-862	37.8065	80.3669	MG	0.7 -	2.3	7.7	3.40	0.29	11.61 +	1379.	58.	2.
624	0000	-860	37.8065	80.3675	MG	0.7	2.2	7.0	3.23	0.32	10.01	1332.	59.	2.
625	0000	-860	37.8065	80.3681	MG	0.7	2.2	6.3	2.99	0.36	8.37	1285.	58.	1.
626	0000	-860	37.8065	80.3687	MG	0.7	2.1	5.8 -	2.78	0.35	7.91	1248.	55.	2.
627	0000	-859	37.8065	80.3694	MG	0.7	2.0	5.9 -	2.99	0.34	8.80	1194.	56.	2.
628	0000	-858	37.8065	80.3699	MG	0.7	1.8	5.4 -	2.64	0.33	8.06	1150.	56.	1.
629	0000	-857	37.8065	80.3706	MG	0.6 -	2.0	4.9 -	3.18	0.40	8.04	1108.	56.	1.
630	0000	-856	37.8065	80.3712	MMCC	0.6	1.7	4.9 -	2.87	0.35	8.12	1090.	56.	1.
631	0000	-855	37.8064	80.3718	MMCC	0.6	1.7	5.0 -	2.83	0.34	8.25	1083.	56.	0.
632	0000	-855	37.8064	80.3724	MMCC	0.7	1.8	5.0 -	2.55	0.35	7.29	1145.	56.	1.
633	0000	-856	37.8064	80.3730	MPO	0.8	1.9	5.3	2.30	0.35	6.49 -	1249.	58.	0.
634	0000	-857	37.8064	80.3737	MPO	1.0 +	1.8	5.9	1.89	0.31	6.00 -	1394.	57.	1.
635	0000	-857	37.8064	80.3743	MPO	1.2 +	2.1	6.7	1.78 -	0.31	5.71 --	1547.	55.	1.
636	0000	-856	37.8064	80.3748	MPO	1.3 +	2.1	7.4	1.61 -	0.29	5.59 --	1703.	57.	1.
637	0000	-857	37.8064	80.3755	MPO	1.4 ++	2.2	7.5	1.55 -	0.30	5.20 --	1815.	56.	2.
638	0000	-856	37.8064	80.3761	MPO	1.5 ++	2.5 +	7.4	1.69 -	0.34	5.04 --	1875.	54.	3.
639	0000	-856	37.8064	80.3768	MPO	1.5 ++	2.5 +	7.4	1.73 -	0.34	5.11 --	1855.	54.	4.
640	0000	-855	37.8064	80.3773	MPO	1.4 +	2.4	7.4	1.74 -	0.32	5.40 --	1762.	54.	5.
641	0000	-855	37.8064	80.3780	MPO	1.3 +	2.4 +	6.8	1.91	0.36	5.28 --	1657.	53.	5.
642	0000	-856	37.8064	80.3786	MPO	1.1 +	2.3	6.3	1.99	0.36	5.49 --	1523.	52.	5.
643	0000	-854	37.8064	80.3792	MPO	1.0 +	2.2	5.7	2.12	0.38 +	5.56 --	1370.	50.	5.
644	0000	-851	37.8064	80.3798	MPO	0.9	1.9	5.5	2.10	0.35	6.07 -	1241.	52.	4.
645	0000	-852	37.8064	80.3804	MPO	0.8	1.7	5.5	2.09	0.30	6.86 -	1156.	53.	4.
646	0000	-854	37.8064	80.3810	MPO	0.7	1.4	5.5	1.93	0.26	7.41 -	1098.	53.	4.
647	0000	-853	37.8064	80.3816	MPO	0.7	1.6	5.1	2.43	0.31	7.72	1079.	52.	3.
648	0000	-852	37.8064	80.3822	MPO	0.6	1.6	5.3	2.79	0.31	9.02	1075.	54.	2.
649	0000	-852	37.8063	80.3828	MPO	0.6	1.8	5.3	3.32	0.35	9.55	1100.	55.	2.
650	0000	-852	37.8063	80.3835	MPO	0.6	1.7	5.5	3.09	0.32	9.73	1109.	56.	2.
651	0000	-852	37.8063	80.3841	MPO	0.5	1.8	5.4	3.42	0.34	10.02	1115.	53.	1.
652	0000	-852	37.8063	80.3847	MPO	0.5	1.9	5.0	3.63	0.39 +	9.41	1108.	54.	1.
653	0000	-852	37.8063	80.3853	MPO	0.5	1.9	4.8	3.51	0.39 +	9.10	1093.	53.	0.
654	0000	-852	37.8062	80.3859	MPO	0.5	1.8	5.0	3.35	0.36	9.35	1078.	51.	0.
655	0000	-852	37.8062	80.3866	MPO	0.6	1.8	4.4 -	3.18	0.40 +	7.91	1041.	51.	0.
656	0000	-851	37.8063	80.3872	MPO	0.5	1.5	4.6 -	3.01	0.34	8.99	1007.	51.	0.
657	0000	-852	37.8063	80.3877	MPO	0.5	1.5	4.7	3.13	0.33	9.53	999.	50.	0.
658	0000	-851	37.8063	80.3884	MPO	0.5	1.5	4.8	3.08	0.32	9.72	987.	49.	0.
659	0000	-851	37.8063	80.3890	MPO	0.5	1.5	5.2	2.75	0.28	9.79	991.	49.	0.
660	0000	-852	37.8062	80.3897	MPO	0.5	1.6	5.3	3.18	0.29	10.77	989.	50.	0.
661	0000	-850	37.8062	80.3902	MPO	0.5	1.6	5.4	3.14	0.29	10.68	994.	49.	1.
662	0000	-849	37.8062	80.3909	MPO	0.5	1.5	5.5	2.94	0.26	11.12	1022.	50.	2.
663	0000	-849	37.8062	80.3915	MPO	0.5	1.5	5.4	2.80	0.28	10.08	1059.	48.	3.

CP 9 IP 12

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-849	37.8062	80.3921	MPO	0.6	1.6	5.3	2.88	0.30	9.51	1123.	47.	4.
665	0000	-849	37.8062	80.3927	MMCC	0.6 -	1.7	5.6 -	2.86	0.31	9.39	1207.	47.	5.
666	0000	-849	37.8062	80.3933	MMCC	0.6 -	1.7	5.4 -	2.85	0.32	8.96	1242.	48.	6.
667	0000	-850	37.8062	80.3939	MMCC	0.7	1.6	5.8	2.37	0.27	8.89	1299.	49.	8.
668	0000	-849	37.8062	80.3945	MMCC	0.8	1.4 -	6.3	1.90	0.23	8.25	1376.	49.	9.
669	0000	-848	37.8062	80.3951	MMCC	0.8	1.4 -	7.0	1.69	0.20 -	8.49	1439.	47.	9.
670	0000	-849	37.8062	80.3957	MMCC	0.9	1.5	7.2	1.73	0.21	8.11	1482.	50.	9.
671	0000	-849	37.8061	80.3964	MMCC	0.9	1.4 -	7.6	1.43	0.18 -	7.98	1500.	51.	9.
672	0000	-847	37.8061	80.3969	MMCC	1.0	1.3 -	7.7	1.37	0.17 -	7.95	1495.	53.	8.
673	0000	-847	37.8062	80.3976	MMCC	1.0	1.4 -	8.2	1.32	0.17 -	7.99	1535.	51.	7.
674	0000	-850	37.8062	80.3982	MMCC	1.1	1.5	7.7	1.40	0.20 -	7.08	1569.	51.	5.
675	0000	-850	37.8062	80.3988	MMCC	1.1	1.5	7.7	1.38	0.20 -	6.93	1565.	51.	3.
676	0000	-849	37.8061	80.3994	MMCC	1.1	1.5	7.4	1.34	0.21	6.52	1552.	52.	2.
677	0000	-848	37.8061	80.4000	MMCC	1.2	1.5	7.2	1.30	0.21	6.11	1542.	51.	1.
678	0000	-848	37.8061	80.4006	MMCC	1.2	1.7	6.9	1.45	0.25	5.82	1523.	51.	0.
679	0000	-848	37.8061	80.4013	MMCC	1.2	1.7	6.4	1.36	0.26	5.26	1534.	50.	0.
680	0000	-848	37.8061	80.4019	MMCC	1.2	1.7	6.4	1.42	0.28	5.15	1559.	52.	0.
681	0000	-847	37.8060	80.4025	MMCC	1.3	1.7	6.6	1.31	0.26	5.07 -	1578.	52.	1.
682	0000	-846	37.8061	80.4031	MMCC	1.3	2.0	6.5	1.46	0.30	4.85 -	1642.	53.	1.
683	0000	-846	37.8061	80.4038	MG	1.5 +	2.0	6.7	1.35 -	0.30	4.43 --	1715.	53.	2.
684	0000	-845	37.8061	80.4044	MG	1.6 ++	1.8	7.3	1.09 -	0.24	4.53 --	1798.	55.	3.
685	0000	-845	37.8061	80.4050	MG	1.7 ++	1.7 -	7.9	0.99 --	0.22 -	4.59 --	1883.	58.	3.
686	0000	-846	37.8061	80.4055	MG	1.8 +++	1.9	8.6	1.07 -	0.23 -	4.70 --	1940.	58.	3.
687	0000	-847	37.8060	80.4062	MG	1.9 +++	2.0	8.6 +	1.04 -	0.23 -	4.53 --	1983.	57.	3.
688	0000	-846	37.8060	80.4068	MMCC	1.9 +	2.4	8.6	1.25 -	0.28	4.48 -	2048.	56.	3.
689	0000	-846	37.8060	80.4075	MMCC	1.9 +	2.2	9.1 +	1.15 -	0.25	4.71 -	2070.	56.	3.
690	0000	-848	37.8060	80.4080	MMCC	1.8 +	2.4	8.9 +	1.35	0.27	4.94 -	2069.	56.	2.
691	0000	-846	37.8060	80.4087	MMCC	1.8 +	2.6 +	8.5	1.46	0.30	4.86 -	2044.	54.	2.
692	0000	-845	37.8060	80.4093	MMCC	1.7 +	2.6 +	8.0	1.54	0.32	4.76 -	2002.	54.	2.
693	0000	-847	37.8060	80.4098	MMCC	1.6 +	2.4	7.7	1.46	0.31	4.72 -	1972.	51.	2.
694	0000	-847	37.8060	80.4105	MMCC	1.6 +	2.2	8.0	1.36	0.27	4.99 -	1945.	53.	3.
695	0000	-846	37.8060	80.4111	MMCC	1.5 +	1.8	8.1	1.20 -	0.23	5.30	1890.	53.	3.
696	0000	-846	37.8060	80.4117	MMCC	1.5 +	1.7	8.0	1.14 -	0.22	5.26	1858.	53.	3.
697	0000	-845	37.8060	80.4123	MMCC	1.6 +	1.5	8.2	0.95 -	0.19 -	5.10 -	1868.	53.	3.
698	0000	-844	37.8059	80.4129	MMCC	1.7 +	1.5 -	8.3	0.88 -	0.18 -	4.94 -	1892.	53.	4.
699	0000	-846	37.8059	80.4135	MMCC	1.7 +	1.5	8.4	0.92 -	0.18 -	5.05 -	1897.	50.	3.
700	0000	-846	37.8059	80.4142	MMCC	1.6 +	1.4 -	8.4	0.87 -	0.17 -	5.15	1882.	52.	3.
701	0000	-844	37.8059	80.4147	MMCC	1.6 +	1.4 -	8.1	0.91 -	0.18 -	5.08 -	1850.	52.	2.
702	0000	-844	37.8059	80.4154	MMCC	1.6 +	1.5	8.1	0.95 -	0.19 -	5.08 -	1823.	50.	2.
703	0000	-845	37.8059	80.4160	MMCC	1.5 +	1.5	7.5	1.00 -	0.20	4.88 -	1798.	50.	2.
704	0000	-843	37.8059	80.4167	MMCC	1.4 +	1.6	7.3	1.15 -	0.22	5.13	1743.	49.	2.
705	0000	-841	37.8059	80.4172	MMCC	1.3	1.8	7.2	1.38	0.25	5.55	1684.	48.	1.
706	0000	-843	37.8059	80.4178	MMCC	1.2	1.9	6.8	1.60	0.28	5.64	1642.	51.	1.
707	0000	-844	37.8059	80.4185	MMCC	1.1	2.1	6.5	1.85	0.32	5.70	1601.	51.	1.
708	0000	-843	37.8058	80.4191	MMCC	1.1	2.2	6.5	2.08	0.34	6.02	1565.	50.	1.
709	0000	-843	37.8058	80.4197	MMCC	1.0	2.2	6.6	2.15	0.33	6.54	1526.	50.	1.
710	0000	-843	37.8058	80.4203	MMCC	0.9	2.2	6.8	2.36	0.32	7.41	1456.	51.	1.
711	0000	-842	37.8058	80.4209	MMCC	0.9	2.0	7.0	2.38	0.29	8.23	1425.	51.	1.
712	0000	-841	37.8059	80.4216	MMCC	0.9	1.9	7.2	2.22	0.27	8.31	1411.	54.	2.
713	0000	-844	37.8059	80.4222	MMCC	0.9	1.6	7.8	1.78	0.21	8.45	1465.	52.	3.
714	0000	-845	37.8058	80.4228	MMCC	1.0	1.7	8.6	1.76	0.20 -	8.98	1553.	51.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-844	37.8058	80.4234	MMCC	1.0	1.4 -	9.2 +	1.44	0.15 -	9.44	1630.	51.	6.
716	0000	-844	37.8058	80.4240	MMCC	1.1	1.6	9.6 +	1.48	0.17 -	8.91	1749.	49.	8.
717	0000	-844	37.8058	80.4246	MG	1.2	1.7 -	9.9 ++	1.46 -	0.17 --	8.54	1870.	49.	9.
718	0000	-843	37.8058	80.4252	MG	1.2	1.9	9.8 ++	1.56 -	0.19 -	8.01	1939.	51.	10.
719	0000	-844	37.8058	80.4258	MG	1.3 +	1.9	10.2 ++	1.50 -	0.19 -	8.10	2010.	50.	11.
720	0000	-844	37.8058	80.4264	MG	1.3 +	1.9	10.1 ++	1.43 -	0.19 -	7.64	2053.	50.	11.
721	0000	-841	37.8058	80.4271	MG	1.4 +	1.9	9.6 +	1.30 -	0.19 -	6.71	2052.	51.	11.
722	0000	-841	37.8058	80.4276	MG	1.5 +	2.2	9.2 +	1.47 -	0.24	6.06 -	2051.	51.	8.
723	0000	-843	37.8058	80.4283	MG	1.5 +	2.2	8.4	1.42 -	0.26	5.56 -	1989.	56.	7.
724	0000	-842	37.8058	80.4289	MG	1.5 +	2.1	8.0	1.40 -	0.26	5.29 -	1922.	57.	5.
725	0000	-841	37.8057	80.4296	MG	1.5 +	2.1	7.7	1.41 -	0.27	5.19 -	1866.	54.	4.
726	0000	-842	37.8057	80.4301	MG	1.4 +	2.4	7.1	1.67	0.33	5.00 -	1783.	54.	2.
727	0000	-842	37.8057	80.4307	MG	1.2 +	2.5	6.9	1.98	0.36	5.51 -	1667.	55.	1.
728	0000	-841	37.8057	80.4314	MG	1.1	2.5	6.4	2.30	0.40	5.82 -	1577.	55.	1.
729	0000	-841	37.8057	80.4320	MG	1.0	2.4	6.3	2.46	0.38	6.42	1508.	55.	2.
730	0000	-840	37.8057	80.4325	MG	0.9	2.4	6.6	2.81	0.37	7.63	1476.	53.	3.
731	0000	-840	37.8057	80.4332	MG	0.8	2.4	6.4	2.86	0.37	7.76	1458.	53.	4.
732	0000	-840	37.8057	80.4338	MG	0.8	2.3	6.5	2.72	0.35	7.82	1460.	50.	5.
733	0000	-842	37.8057	80.4345	MG	0.9	2.1	6.6	2.44	0.32	7.71	1472.	51.	6.
734	0000	-841	37.8057	80.4350	MG	0.9	2.1	6.5	2.26	0.32	7.05	1507.	52.	7.
735	0000	-840	37.8057	80.4357	MG	0.9	1.9	7.0	2.07	0.27	7.70	1521.	51.	8.
736	0000	-841	37.8057	80.4363	MG	0.9	2.0	6.8	2.19	0.29	7.43	1538.	51.	7.
737	0000	-841	37.8057	80.4369	MG	1.0	2.0	6.8	2.10	0.30	7.04	1540.	50.	7.
738	0000	-840	37.8057	80.4375	MG	0.9	2.2	7.1	2.47	0.31	8.04	1537.	49.	7.
739	0000	-843	37.8057	80.4381	MG	0.8	2.1	7.4	2.47	0.28	8.91	1508.	55.	6.
740	0000	-838	37.8057	80.4387	MG	0.8	2.0	7.3	2.57	0.28	9.24	1466.	55.	6.
741	0000	-819	37.8056	80.4394	MG	0.7	2.3	7.2	3.10	0.32	9.83	1436.	53.	5.
742	0000	-809	37.8056	80.4400	MG	0.7	2.5	6.8	3.55	0.36	9.76	1405.	54.	5.
743	0000	-820	37.8056	80.4405	MG	0.7 -	2.4	6.5	3.73	0.37	10.03	1371.	54.	5.
744	0000	-837	37.8056	80.4412	MG	0.6 -	2.5	6.3	4.36 +	0.39	11.23 +	1352.	55.	5.
745	0000	-848	37.8056	80.4418	MG	0.6 -	2.3	6.0 -	3.86	0.38	10.05	1340.	54.	6.
746	0000	-848	37.8056	80.4424	MG	0.6 -	2.6	5.6 -	4.43 +	0.46 +	9.56	1334.	52.	6.
747	0000	-842	37.8056	80.4430	MG	0.6 -	2.5	5.5 -	4.55 +	0.46 +	9.92	1345.	51.	6.
748	0000	-844	37.8056	80.4436	MG	0.6 -	2.3	5.6 -	4.12 +	0.41	10.10	1346.	51.	6.
749	0000	-845	37.8056	80.4442	MG	0.6 -	2.3	5.6 -	4.13 +	0.41	10.04	1365.	51.	6.
750	0000	-842	37.8056	80.4449	MG	0.6 -	2.3	5.8 -	3.99 +	0.40	10.11	1371.	52.	5.
751	0000	-844	37.8056	80.4454	MG	0.6 -	2.4	6.1 -	3.93 +	0.39	10.07	1371.	52.	5.
752	0000	-848	37.8055	80.4461	MG	0.6 -	2.4	6.0 -	4.31 +	0.41	10.58 +	1383.	52.	6.
753	0000	-849	37.8055	80.4467	MG	0.5 -	2.6	6.0 -	4.81 +	0.43 +	11.23 +	1401.	54.	6.
754	0000	-853	37.8055	80.4474	MG	0.5 -	2.7	6.3	5.11 +	0.44 +	11.74 +	1417.	54.	7.
755	0000	-855	37.8055	80.4479	MG	0.5 -	2.8	6.3	5.27 +	0.45 +	11.65 +	1430.	56.	7.
756	0000	-853	37.8055	80.4485	MG	0.5 -	2.9	6.4	5.42 +	0.46 +	11.77 +	1459.	53.	7.
757	0000	-853	37.8055	80.4492	MG	0.5 -	3.0 +	6.9	5.45 +	0.43 +	12.77 +	1495.	50.	7.
758	0000	-852	37.8055	80.4498	MG	0.5 -	2.8	6.8	5.31 +	0.41	12.91 +	1507.	52.	7.
759	0000	-851	37.8055	80.4503	MG	0.6 -	2.9	6.8	5.12 +	0.42 +	12.06 +	1505.	52.	7.
760	0000	-851	37.8055	80.4510	MG	0.6 -	2.7	7.3	4.44 +	0.38	11.75 +	1507.	51.	6.
761	0000	-849	37.8055	80.4516	MG	0.6 -	3.0 +	6.8	4.77 +	0.44 +	10.97 +	1511.	52.	5.
762	0000	-845	37.8054	80.4523	MG	0.6 -	3.0 +	6.6	4.74 +	0.45 +	10.41 +	1514.	49.	4.
763	0000	-843	37.8054	80.4528	MG	0.7 -	3.0 +	6.4	4.59 +	0.47 +	9.79	1500.	52.	3.
764	0000	-845	37.8054	80.4535	MG	0.6 -	3.1 +	6.2	4.79 +	0.50 +	9.63	1489.	54.	2.
765	0000	-846	37.8054	80.4541	MG	0.7	3.1 +	6.0 -	4.51 +	0.52 +	8.74	1495.	53.	2.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-844	37.8055	80.4547		MG	0.7	3.1 +	5.9 -	4.36 +	0.53 +	8.24	1497.	52.	2.
767	0000	-843	37.8055	80.4553		MG	0.8	3.3 +	5.4 -	4.42 +	0.62 ++	7.19	1510.	53.	2.
768	0000	-841	37.8054	80.4559		MG	0.8	3.2 +	5.4 -	4.08 +	0.59 ++	6.88	1528.	53.	2.
769	0000	-835	37.8054	80.4565		MG	0.8	3.2 +	5.8 -	4.09 +	0.55 +	7.49	1538.	55.	2.
770	0000	-833	37.8054	80.4571		MG	0.8	3.0 +	6.2	3.95 +	0.49 +	8.04	1536.	56.	3.
771	0000	-835	37.8054	80.4578		MG	0.8	2.6	6.5	3.21	0.40	8.00	1535.	54.	5.
772	0000	-836	37.8054	80.4583		MG	0.8	2.5	6.6	3.33	0.39	8.56	1513.	56.	6.
773	0000	-837	37.8054	80.4590		MG	0.7	2.4	7.0	3.25	0.34	9.67	1511.	55.	6.
774	0000	-840	37.8054	80.4596		MG	0.7	2.0	7.4	2.78	0.27	10.31 +	1517.	53.	7.
775	0000	-843	37.8054	80.4602		MG	0.7	2.1	7.7	3.18	0.28	11.54 +	1520.	53.	7.
776	0000	-840	37.8054	80.4608		MG	0.7	2.0	7.9	2.82	0.26	10.89 +	1535.	52.	7.
777	0000	-837	37.8054	80.4614		MG	0.8	1.9	7.9	2.48	0.24	10.23 +	1550.	52.	7.
778	0000	-840	37.8054	80.4621		MG	0.8	2.2	7.7	2.74	0.28	9.76	1569.	53.	6.
779	0000	-840	37.8053	80.4627		MG	0.8	2.2	8.5	2.62	0.26	10.26 +	1611.	51.	5.
780	0000	-838	37.8053	80.4632		MG	0.9	2.4	8.2	2.81	0.29	9.62	1624.	51.	4.
781	0000	-839	37.8053	80.4639		MG	0.9	2.6	8.4	2.87	0.31	9.29	1647.	52.	3.
782	0000	-841	37.8053	80.4645		MG	1.0	2.4	8.5	2.48	0.28	8.84	1663.	52.	3.
783	0000	-840	37.8053	80.4652		MG	1.0	2.4	8.4	2.47	0.29	8.56	1672.	53.	2.
784	0000	-840	37.8053	80.4657		MG	1.0	2.5	8.7 +	2.47	0.28	8.68	1686.	51.	2.
785	0000	-841	37.8053	80.4664		MG	1.0	2.5	8.7 +	2.46	0.29	8.57	1685.	50.	2.
786	0000	-839	37.8053	80.4670		MG	1.0	2.7	8.2	2.61	0.33	7.97	1682.	51.	1.
787	0000	-837	37.8053	80.4676		MG	1.0	2.5	8.9 +	2.43	0.28	8.61	1698.	52.	2.
788	0000	-840	37.8053	80.4682		MG	1.0	2.7	8.7 +	2.77	0.31	8.83	1691.	52.	1.
789	0000	-840	37.8052	80.4688		MG	1.0	2.7	9.4 +	2.76	0.29	9.58	1674.	52.	1.
790	0000	-839	37.8052	80.4694		MG	1.0	2.8	9.1 +	2.97	0.31	9.47	1658.	50.	1.
791	0000	-838	37.8052	80.4701		MG	0.9	3.1 +	9.0 +	3.37	0.35	9.61	1658.	49.	1.
792	0000	-840	37.8052	80.4706		MG	0.9	3.0 +	8.8 +	3.23	0.33	9.65	1643.	49.	2.
793	0000	-842	37.8052	80.4712		MG	0.9	2.9	9.0 +	3.29	0.32	10.25 +	1617.	48.	2.
794	0000	-838	37.8053	80.4719		MG	0.9	2.9	8.5	3.45	0.35	9.90	1590.	48.	3.
795	0000	-838	37.8052	80.4724		MG	0.9	2.8	8.2	3.24	0.34	9.64	1557.	48.	4.
796	0000	-841	37.8052	80.4731		MG	0.9	2.5	7.8	2.89	0.31	9.20	1544.	46.	5.
797	0000	-839	37.8052	80.4737		MG	0.8	2.2	8.1	2.63	0.27	9.60	1524.	48.	5.
798	0000	-838	37.8052	80.4743		MG	0.8	1.8	7.8	2.12	0.23 -	9.33	1502.	50.	8.
799	0000	-839	37.8052	80.4750		MG	0.8	2.0	7.8	2.41	0.26	9.42	1520.	51.	9.
800	0000	-838	37.8052	80.4756		MG	0.8	1.9	7.7	2.21	0.24	9.16	1540.	50.	10.
801	0000	-841	37.8052	80.4761		MG	0.8	1.9	7.9	2.31	0.24	9.62	1553.	50.	11.
802	0000	-844	37.8052	80.4768		MG	0.8	1.8	8.0	2.33	0.22 -	10.40 +	1558.	49.	12.
803	0000	-843	37.8052	80.4774		MG	0.7	2.0	7.8	2.82	0.26	10.71 +	1549.	51.	13.
804	0000	-846	37.8052	80.4781		MG	0.7 -	2.1	8.0	3.19	0.27	11.92 +	1555.	51.	13.
805	0000	-847	37.8052	80.4786		MG	0.7 -	2.3	8.1	3.48	0.28	12.47 +	1559.	49.	11.
806	0000	-841	37.8051	80.4793		MG	0.7 -	2.2	8.4	3.32	0.26	12.89 +	1555.	48.	10.
807	0000	-837	37.8051	80.4799		MG	0.7	2.2	8.2	3.24	0.27	11.98 +	1548.	48.	8.
808	0000	-839	37.8051	80.4805		MG	0.7	2.4	7.8	3.29	0.30	10.89 +	1533.	45.	7.
809	0000	-839	37.8051	80.4811		MG	0.7	2.4	7.6	3.29	0.32	10.30 +	1540.	47.	5.
810	0000	-841	37.8051	80.4817		MG	0.8	2.4	7.7	2.95	0.31	9.42	1558.	46.	4.
811	0000	-845	37.8051	80.4823		MG	0.9	2.6	7.1	2.89	0.36	8.03	1577.	45.	3.
812	0000	-845	37.8051	80.4830		MG	0.9	2.7	7.3	3.00	0.37	8.12	1596.	44.	3.
813	0000	-845	37.8051	80.4835		MG	0.9	2.7	7.0	3.00	0.38	7.82	1592.	45.	3.
814	0000	-844	37.8051	80.4842		MG	0.9	2.7	7.1	3.18	0.38	8.26	1587.	46.	4.
815	0000	-841	37.8051	80.4848		MG	0.9	2.4	7.8	2.86	0.31	9.13	1596.	46.	5.
816	0000	-841	37.8050	80.4854		MG	0.9	2.4	7.4	2.80	0.31	8.94	1591.	46.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-839	37.8050	80.4860	MG	0.8	2.5	7.6	3.09	0.33	9.36	1584.	45.	7.
818	0000	-840	37.8050	80.4866	MG	0.8	2.2	7.7	2.90	0.28	10.21 +	1566.	47.	8.
819	0000	-845	37.8050	80.4872	MG	0.7	2.1	7.4	2.93	0.29	10.16 +	1540.	50.	9.
820	0000	-843	37.8050	80.4878	MG	0.7	2.3	7.3	3.27	0.32	10.29 +	1534.	50.	9.
821	0000	-846	37.8050	80.4884	MG	0.8	2.1	7.7	2.69	0.28	9.73	1555.	49.	9.
822	0000	-850	37.8050	80.4890	MG	0.8	2.2	7.0	2.76	0.32	8.69	1555.	50.	9.
823	0000	-846	37.8050	80.4897	MG	0.9	2.1	7.4	2.42	0.28	8.66	1570.	49.	9.
824	0000	-850	37.8050	80.4902	MG	0.9	2.0	7.3	2.15	0.27	7.95	1587.	52.	10.
825	0000	-852	37.8050	80.4909	MG	1.0	1.9	7.5	1.88	0.26	7.37	1608.	49.	10.
826	0000	-841	37.8050	80.4915	MG	1.1	1.8	7.8	1.59	0.23 -	6.95	1652.	47.	9.
827	0000	-841	37.8049	80.4922	MG	1.2	1.8	7.9	1.43 -	0.22 -	6.43	1680.	47.	9.
828	0000	-851	37.8049	80.4927	MG	1.2	1.9	7.6	1.58	0.26	6.17	1682.	47.	8.
829	0000	-848	37.8049	80.4933	MG	1.3 +	2.1	7.9	1.62	0.26	6.20	1705.	48.	7.
830	0000	-845	37.8049	80.4940	MG	1.2	2.3	8.0	1.88	0.29	6.57	1718.	51.	6.
831	0000	-848	37.8050	80.4946	MG	1.2	2.3	8.5	1.97	0.28	7.11	1727.	52.	4.
832	0000	-850	37.8050	80.4952	MG	1.1	2.8	8.7 +	2.49	0.32	7.68	1741.	53.	3.
833	0000	-850	37.8049	80.4958	MG	1.0	3.0 +	8.3	2.91	0.36	8.00	1726.	53.	2.
834	0000	-847	37.8049	80.4964	MG	0.9	3.0 +	8.8 +	3.21	0.34	9.33	1732.	54.	1.
835	0000	-844	37.8049	80.4971	MG	0.9	3.2 +	9.3 +	3.66	0.34	10.72 +	1742.	56.	1.
836	0000	-845	37.8049	80.4977	MG	0.8	3.2 +	9.3 +	3.87 +	0.35	11.18 +	1757.	53.	0.
837	0000	-845	37.8049	80.4983	MG	0.9	3.0 +	9.6 +	3.41	0.32	10.79 +	1779.	50.	0.
838	0000	-846	37.8049	80.4989	MG	0.9	3.1 +	9.3 +	3.38	0.33	10.12 +	1783.	49.	1.
839	0000	-849	37.8049	80.4995	MG	0.9	2.8	9.4 +	3.11	0.30	10.41 +	1771.	50.	2.
840	0000	-847	37.8049	80.5002	MG	0.9	2.7	10.0 ++	3.01	0.27	11.08 +	1782.	48.	2.
841	0000	-845	37.8049	80.5008	MG	1.0	2.4	9.8 +	2.55	0.25	10.23 +	1760.	47.	4.
842	0000	-850	37.8049	80.5013	MG	1.0	2.2	9.3 +	2.15	0.23 -	9.27	1752.	46.	6.
843	0000	-848	37.8049	80.5019	MG	1.0	2.0	9.5 +	2.02	0.21 -	9.48	1734.	49.	7.
844	0000	-843	37.8049	80.5026	MG	1.0	2.1	9.2 +	2.12	0.23 -	9.41	1705.	50.	7.
845	0000	-846	37.8049	80.5031	MG	0.9	2.1	9.1 +	2.26	0.23 -	9.71	1681.	51.	8.
846	0000	-850	37.8049	80.5038	MG	0.9	2.1	8.9 +	2.23	0.23 -	9.63	1657.	51.	7.
847	0000	-852	37.8049	80.5044	MG	0.9	2.0	8.5	2.21	0.24	9.28	1618.	53.	7.
848	0000	-849	37.8049	80.5051	MG	0.9	2.1	8.3	2.33	0.25	9.39	1587.	54.	6.
849	0000	-846	37.8049	80.5056	MBF-2	0.9	2.1	7.9	2.50 +	0.27	9.21 +	1564.	55.	5.
850	0000	-851	37.8049	80.5063	MBF-2	0.9	2.0	7.9	2.29	0.25	9.33 +	1534.	53.	4.
851	0000	-851	37.8049	80.5069	MBF-2	0.9	1.9	7.5	2.16	0.25	8.59 +	1510.	53.	4.
852	0000	-844	37.8049	80.5075	MBF-2	0.9	1.8	7.7	1.99	0.23	8.59 +	1478.	51.	3.
853	0000	-851	37.8049	80.5081	MBF-2	1.0	1.7	7.1	1.83	0.25	7.44	1448.	52.	2.
854	0000	-854	37.8049	80.5087	MBF-2	1.0	1.6	6.8	1.61	0.23	7.01	1418.	53.	2.
855	0000	-848	37.8049	80.5093	MBF-2	1.0	1.7	6.3	1.74	0.27	6.43	1386.	53.	1.
856	0000	-847	37.8049	80.5100	MBF-2	1.0	1.6	6.2	1.64	0.26	6.35	1336.	52.	1.
857	0000	-847	37.8049	80.5105	MBF-2	1.0	1.6	5.9 -	1.58	0.26	6.03	1300.	53.	2.
858	0000	-848	37.8049	80.5112	MBF-2	0.9	1.4 -	5.8 -	1.46	0.24	6.18	1244.	53.	3.
859	0000	-845	37.8049	80.5118	MBF-2	0.9	1.2 -	5.5 -	1.32	0.22	6.12	1212.	54.	4.
860	0000	-838	37.8049	80.5124	MBF-2	0.8	1.1 -	5.3 -	1.32	0.21	6.34	1169.	52.	5.
861	0000	-840	37.8049	80.5130	MBF-2	0.8 -	1.0 -	4.9 -	1.32	0.21	6.19	1099.	51.	7.
862	0000	-841	37.8049	80.5136	MBF-2	0.7 -	0.9 -	4.9 -	1.27 -	0.19 -	6.77	1039.	50.	7.
863	0000	-836	37.8049	80.5142	MBF-2	0.7 -	1.0 -	4.7 --	1.46	0 20	7.17	993.	52.	7.
864	0000	-834	37.8049	80.5149	MBF-1	0.6 +	1.0	4.2	1.74 -	0.25	7.03 -	939.	54.	7.
865	0000	-836	37.8050	80.5155	MBF-1	0.5	1.2	4.0	2.33 -	0.30	7.64 -	895.	53.	5.
866	0000	-844	37.8050	80.5161	MBF-1	0.5	1.3	3.6	2.69	0.35	7.66 -	840.	52.	4.
867	0000	-849	37.8050	80.5167	MBF-1	0.4	1.3	3.6	2.95	0.35	8.49	800.	53.	3.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKU	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	VALUES AND STATISTICAL SIGNIFICANCES U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-839	37.8050	80.5173	MBF-1	0.4	1.3	3.7	3.28	0.35	9.29	796.	54.	2.
869	0000	-839	37.8050	80.5180	MBF-1	0.4	1.4	3.7	3.62	0.37	9.67	804.	53.	1.
870	0000	-850	37.8050	80.5186	MBF-1	0.3	1.5	3.4	4.29	0.43	9.92	781.	55.	1.
871	0000	-851	37.8050	80.5192	MBF-1	0.3	1.4	3.5	4.17	0.41	10.10	771.	53.	0.
872	0000	-848	37.8050	80.5198	MBF-1	0.4	1.3	3.5	3.78	0.39	9.79	760.	54.	1.
873	0000	-849	37.8050	80.5204	MBF-1	0.4	1.4	3.5	3.90	0.41	9.45	763.	56.	1.
874	0000	-846	37.8050	80.5211	MBF-1	0.4	1.4	3.3	3.95	0.42	9.31	767.	58.	1.
875	0000	-848	37.8050	80.5216	MBF-1	0.3	1.4	2.9 -	4.26	0.49 +	8.64	767.	58.	2.
876	0000	-849	37.8050	80.5223	MBF-1	0.3	1.4	2.9 -	4.24	0.49 +	8.72	747.	62.	2.
877	0000	-842	37.8050	80.5229	MBF-1	0.4	1.2	3.2	3.08	0.38	8.10	760.	60.	3.
878	0000	-848	37.8050	80.5235	MBF-1	0.4	1.1	2.8 -	2.75	0.39	7.08 -	743.	61.	4.
879	0000	-854	37.8050	80.5241	MBF-1	0.4	1.1	3.1	2.95	0.34	8.54	740.	62.	5.
880	0000	-848	37.8050	80.5247	MBF-1	0.3	0.9 -	3.0 -	2.56	0.29	8.80	729.	61.	6.
881	0000	-844	37.8050	80.5253	MBF-1	0.3	0.8 -	3.2	2.40	0.25	9.70	722.	59.	6.
882	0000	-843	37.8050	80.5260	MBF-1	0.4	0.5 -	3.4	1.54 --	0.16 --	9.80	711.	60.	6.
883	0000	-840	37.8050	80.5265	MBF-1	0.4	0.4 --	3.2	1.04 ---	0.12 ---	8.66	710.	59.	8.
884	0000	-846	37.8050	80.5272	MBF-1	0.3	0.5 -	3.0	1.58 --	0.15 --	10.18	695.	59.	8.
885	0000	-856	37.8051	80.5278	MBF-1	0.3	0.6 -	3.3	1.99 -	0.18 --	11.28	708.	60.	7.
886	0000	-854	37.8051	80.5284	MBF-1	0.3	0.7 -	3.0	2.10 -	0.22 -	9.69	718.	58.	6.
887	0000	-841	37.8051	80.5290	MBF-1	0.3	0.6 -	3.2	1.87 -	0.20 -	9.49	732.	57.	5.
888	0000	-845	37.8051	80.5296	MBF-1	0.3	0.8 -	3.0	2.17 -	0.25 -	8.80	732.	58.	5.
889	0000	-853	37.8051	80.5302	MBF-1	0.3	0.9 -	3.0 -	2.86	0.31	9.27	736.	57.	4.
890	0000	-844	37.8051	80.5309	MBF-1	0.3	1.1	2.9 -	3.63	0.39	9.32	741.	57.	3.
891	0000	-839	37.8051	80.5314	MBF-1	0.3	1.1	3.0 -	3.45	0.38	9.12	755.	56.	2.
892	0000	-847	37.8051	80.5321	MBF-1	0.3	1.3	3.0 -	4.21	0.44	9.60	760.	54.	1.
893	0000	-846	37.8051	80.5327	MBF-1	0.3 -	1.4	3.1	5.20	0.44	11.90	765.	55.	1.
894	0000	-847	37.8051	80.5334	MBF-1	0.2 -	1.4	2.9 -	6.28 +	0.49 +	12.71	755.	56.	2.
895	0000	-849	37.8051	80.5339	MBF-1	0.3 -	1.3	2.8 -	5.29	0.47 +	11.21	757.	56.	2.
896	0000	-843	37.8051	80.5346	MBF-1	0.3 -	1.3	2.8 -	4.85	0.46	10.48	755.	57.	3.
897	0000	-845	37.8051	80.5352	MBF-1	0.2 -	1.3	3.1	5.12	0.41	12.45	757.	57.	3.
898	0000	-848	37.8051	80.5358	MBF-1	0.2 -	1.2	3.2	4.87	0.37	13.21	762.	57.	4.
899	0000	-841	37.8051	80.5364	MBF-1	0.2 -	1.0	3.3	4.21	0.31	13.62	772.	56.	4.
900	0000	-845	37.8051	80.5370	MBF-1	0.3	0.9 -	3.4	3.03	0.27	11.39	777.	58.	5.
901	0000	-850	37.8051	80.5376	MBF-1	0.3	1.0	3.7	3.45	0.27	12.67	790.	57.	5.
902	0000	-841	37.8051	80.5383	MBF-1	0.3 -	1.1	3.8	3.80	0.28	13.47	803.	57.	5.
903	0000	-837	37.8051	80.5388	MBF-1	0.3 -	1.2	4.2	4.27	0.28	14.98 +	837.	55.	5.
904	0000	-841	37.8051	80.5395	MBF-1	0.3 -	1.2	4.3	3.99	0.27	14.73 +	857.	55.	6.
905	0000	-839	37.8051	80.5401	MBF-1	0.3	1.2	4.4	3.54	0.27	13.33	883.	53.	6.
906	0000	-838	37.8052	80.5407	MBF-1	0.3	1.2	4.7	3.69	0.26	14.14 +	893.	53.	5.
907	0000	-838	37.8052	80.5413	MBF-1	0.3	1.3	4.5	3.89	0.29	13.22	891.	52.	5.
908	0000	-839	37.8052	80.5419	MBF-1	0.3	1.3	4.4	3.98	0.30	13.32	883.	52.	4.
909	0000	-844	37.8052	80.5425	MBF-1	0.3	1.4	4.5	4.15	0.30	13.63	889.	51.	3.
910	0000	-839	37.8052	80.5432	MBF-1	0.4	1.4	4.5	3.80	0.32	11.96	887.	51.	3.
911	0000	-834	37.8052	80.5438	MG	0.4 -	1.3 -	4.4 --	3.41	0.31	11.02 +	885.	51.	3.
912	0000	-836	37.8052	80.5444	MG	0.4 --	1.3 -	3.9 --	3.42	0.33	10.35 +	852.	54.	4.
913	0000	-834	37.8052	80.5450	MG	0.4 -	1.4 -	3.8 --	3.34	0.37	9.04	844.	55.	4.
914	0000	-837	37.8052	80.5457	MG	0.4 -	1.3 -	3.8 --	2.86	0.33	8.56	844.	55.	4.
915	0000	-842	37.8052	80.5463	MG	0.5 -	1.3 -	3.8 --	2.85	0.35	8.13	867.	55.	4.
916	0000	-839	37.8052	80.5469	MG	0.5 -	1.5 -	3.7 --	3.04	0.40	7.66	873.	54.	4.
917	0000	-838	37.8052	80.5475	MG	0.4 -	1.4 -	3.3 ---	3.20	0.43 +	7.41	867.	56.	5.
918	0000	-838	37.8052	80.5481	MG	0.5 -	1.5 -	3.3 ---	3.10	0.46 +	6.81	884.	58.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-838	37.8052	80.5487		MG	0.5 -	1.7	3.4 ---	3.40	0.51 +	6.70	955.	54.	5.
920	0000	-845	37.8052	80.5494		MG	0.6 -	1.4 -	3.7 --	2.53	0.39	6.56	1013.	54.	7.
921	0000	-847	37.8052	80.5499		MMCC	0.6	1.3 -	4.0 --	2.03	0.32	6.38	1084.	55.	8.
922	0000	-844	37.8052	80.5506		MMCC	0.8	1.1 --	4.6 -	1.41	0.23	5.99	1191.	54.	10.
923	0000	-848	37.8052	80.5512		MMCC	0.8	1.0 --	5.0 -	1.14 -	0.19 -	5.94	1335.	55.	13.
924	1000	-851	37.8053	80.5518		MMCC	0.9	1.1 --	5.5 -	1.19 -	0.20 -	5.89	1426.	53.	14.
925	0000	-849	37.8053	80.5524		MMCC	0.9	1.3 -	6.0	1.46	0.22	6.68	1493.	50.	14.
926	0000	-844	37.8053	80.5530		MMCC	0.9	1.4 -	6.4	1.59	0.22	7.23	1507.	52.	13.
927	0000	-841	37.8053	80.5536		MMCC	0.9	1.8	6.3	2.13	0.29	7.37	1543.	52.	12.
928	0000	-843	37.8053	80.5543		MMCC	0.8	2.1	6.3	2.60	0.33	7.82	1566.	51.	11.
929	0000	-839	37.8053	80.5548		MMCC	0.7	2.3	6.2	3.19	0.37 +	8.55	1537.	53.	9.
930	0000	-826	37.8053	80.5555		MMCC	0.7	2.5 +	6.3	3.76 +	0.41 +	9.26	1481.	52.	7.
931	0000	-827	37.8053	80.5561		MMCC	0.6	2.6 +	6.3	3.96 +	0.41 +	9.70	1459.	52.	5.
932	0000	-837	37.8053	80.5567		MMCC	0.7	2.4	6.4	3.41 +	0.38 +	9.05	1441.	53.	4.
933	0000	-834	37.8053	80.5573		MMCC	0.8	2.3	6.4	3.00	0.37 +	8.19	1433.	53.	4.
934	0000	-827	37.8053	80.5579		MMCC	0.8	2.3	6.1	3.00	0.37 +	8.04	1397.	53.	4.
935	0000	-828	37.8053	80.5585		MMCC	0.7	2.4	6.0	3.43 +	0.40 +	8.62	1355.	53.	3.
936	0000	-829	37.8053	80.5592		MMCC	0.6	2.8 +	5.6 -	4.24 +	0.49 +	8.59	1318.	53.	3.
937	0000	-826	37.8053	80.5597		MG	0.6 -	2.7	5.5 -	4.47 +	0.49 +	9.08	1283.	51.	3.
938	0000	-824	37.8053	80.5604		MG	0.6 -	2.6	5.7 -	4.58 +	0.47 +	9.84	1262.	53.	2.
939	0000	-827	37.8053	80.5610		MG	0.5 -	2.8	5.3 -	5.17 +	0.52 +	9.99	1261.	51.	2.
940	0000	-836	37.8053	80.5617		MG	0.5 -	2.9	5.6 -	5.64 +	0.52 +	10.79 +	1264.	51.	1.
941	0000	-833	37.8054	80.5622		MG	0.6 -	3.0 +	6.1	5.40 +	0.49 +	11.05 +	1290.	51.	1.
942	0000	-826	37.8054	80.5629		MG	0.6 -	3.0 +	6.3	4.91 +	0.47 +	10.44 +	1332.	50.	0.
943	0000	-830	37.8054	80.5635		MG	0.6 -	3.0 +	6.8	4.86 +	0.44 +	11.13 +	1389.	52.	0.
944	0000	-829	37.8054	80.5641		MG	0.6 -	3.0 +	7.1	4.77 +	0.42 +	11.27 +	1435.	54.	0.
945	0000	-823	37.8054	80.5647		MG	0.7 -	3.1 +	7.3	4.66 +	0.42 +	11.11 +	1484.	53.	0.
946	0000	-822	37.8054	80.5653		MG	0.7 -	3.0 +	8.1	4.60 +	0.37	12.33 +	1518.	53.	0.
947	0000	-821	37.8054	80.5659		MG	0.6 -	3.2 +	8.2	5.45 +	0.39	14.08 ++	1536.	52.	0.
948	0000	-817	37.8054	80.5666		MG	0.5 -	3.3 +	8.2	6.39 ++	0.40	16.05 ++	1542.	52.	0.
949	0000	-818	37.8054	80.5671		MG	0.5 -	3.3 +	8.2	6.62 ++	0.40	16.40 ++	1535.	51.	1.
950	0000	-825	37.8054	80.5678		MG	0.5 -	3.0 +	7.8	5.88 +	0.39	15.22 ++	1509.	51.	3.
951	0000	-825	37.8054	80.5684		MG	0.5 -	2.9	7.5	5.32 +	0.38	13.99 ++	1494.	50.	4.
952	0000	-816	37.8054	80.5690		MG	0.5 -	2.9	7.1	5.44 +	0.41	13.34 ++	1489.	51.	5.
953	0000	-813	37.8054	80.5696		MG	0.5 -	3.0 +	6.3	5.66 +	0.47 +	12.02 +	1487.	53.	7.
954	0000	-816	37.8054	80.5702		MG	0.6 -	2.8	6.0 -	4.81 +	0.48 +	10.12	1500.	52.	8.
955	0000	-816	37.8054	80.5708		MG	0.6 -	2.7	5.6 -	4.30 +	0.49 +	8.85	1505.	54.	9.
956	0000	-816	37.8054	80.5715		MG	0.7 -	2.7	6.1	4.11 +	0.44 +	9.30	1548.	54.	8.
957	0000	-813	37.8054	80.5721		MG	0.7	2.8	6.4	4.02 +	0.44 +	9.09	1591.	50.	8.
958	0000	-807	37.8054	80.5727		MG	0.8	2.8	6.5	3.61	0.44 +	8.30	1627.	51.	8.
959	0000	-812	37.8054	80.5733		MG	0.8	2.7	6.9	3.24	0.40	8.16	1635.	49.	7.
960	0000	-815	37.8054	80.5740		MG	0.9	2.7	6.7	2.95	0.40	7.41	1612.	50.	6.
961	0000	-808	37.8055	80.5746		MG	1.0	2.5	7.0	2.62	0.36	7.28	1614.	52.	5.
962	0000	-808	37.8055	80.5752		MG	1.0	2.4	7.2	2.39	0.33	7.19	1630.	50.	5.
963	0000	-813	37.8055	80.5758		MG	1.1	2.3	7.0	2.16	0.33	6.45	1632.	52.	5.
964	0000	-811	37.8055	80.5764		MG	1.1	2.3	7.2	2.14	0.32	6.61	1625.	53.	4.
965	0000	-806	37.8055	80.5770		MG	1.1	2.3	7.3	2.15	0.32	6.64	1626.	54.	3.
966	0000	-802	37.8055	80.5777		MG	1.1	2.4	7.2	2.19	0.34	6.52	1647.	54.	4.
967	0000	-802	37.8055	80.5782		MG	1.1	2.3	8.0	2.12	0.29	7.41	1686.	53.	3.
968	0000	-804	37.8055	80.5789		MG	1.1	2.5	8.3	2.38	0.30	7.86	1708.	54.	3.
969	0000	-799	37.8055	80.5795		MBF-2	1.0	2.7 +	8.3	2.69 +	0.33	8.23 +	1711.	54.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-792	37.8055	80.5801	MBF-2	1.0	2.8 +	8.2	2.91 +	0.34 +	8.64 +	1693.	54.	3.
971	0000	-793	37.8055	80.5807	MBF-2	1.0	2.6 +	8.1	2.75 +	0.32	8.47 +	1684.	53.	2.
972	0000	-797	37.8055	80.5813	MBF-2	0.9	2.7 +	8.2	2.83 +	0.33	8.69 +	1678.	53.	2.
973	0000	-794	37.8055	80.5819	MBF-2	1.0	2.6 +	8.0	2.62 +	0.32	8.22 +	1668.	53.	2.
974	0000	-790	37.8055	80.5826	MBF-2	1.1	2.7 +	7.5	2.54 +	0.36 +	7.10	1671.	53.	2.
975	0000	-791	37.8055	80.5831	MBF-2	1.2	2.6 +	7.4	2.28	0.35 +	6.42	1697.	54.	2.
976	0000	-790	37.8055	80.5838	MBF-2	1.3	2.3	7.3	1.79	0.32	5.61 -	1713.	51.	3.
977	0000	-790	37.8055	80.5844	MBF-2	1.4 +	2.1	7.1	1.52	0.30	5.05 -	1724.	51.	3.
978	0000	-791	37.8055	80.5851	MBF-2	1.4 +	2.0	7.2	1.42	0.28	5.16 -	1684.	53.	3.
979	0000	-790	37.8055	80.5856	MBF-2	1.4 +	1.8	6.8	1.29	0.26	4.91 --	1641.	55.	3.
980	0000	-789	37.8055	80.5862	MBF-2	1.3	1.7	6.7	1.31	0.26	5.10 -	1605.	55.	3.
981	0000	-789	37.8056	80.5869	MBF-2	1.3	1.5	6.6	1.17 -	0.23	5.04 -	1591.	53.	3.
982	0000	-785	37.8056	80.5875	MBF-2	1.3	1.2 -	6.1	0.96 -	0.20	4.77 --	1544.	53.	4.
983	0000	-783	37.8056	80.5880	MBF-2	1.2	1.4 -	6.0 -	1.15 -	0.23	4.95 -	1525.	54.	4.
984	0000	-785	37.8056	80.5887	MBF-2	1.2	1.6	6.0	1.34	0.27	5.05 -	1526.	54.	3.
985	0000	-785	37.8056	80.5893	MBF-2	1.2	1.7	5.9 -	1.39	0.29	4.75 --	1566.	54.	4.
986	0000	-782	37.8056	80.5900	MBF-2	1.3	1.9	6.5	1.42	0.29	4.90 --	1637.	52.	3.
987	0000	-778	37.8056	80.5905	MBF-2	1.4 +	2.0	7.1	1.39	0.28	5.00 -	1709.	53.	4.
988	0000	-776	37.8056	80.5912	MBF-2	1.4 +	2.1	7.3	1.46	0.28	5.13 -	1761.	56.	3.
989	0000	-779	37.8056	80.5918	MBF-2	1.4 +	2.2	7.6	1.58	0.28	5.55 -	1772.	55.	3.
990	0000	-777	37.8056	80.5924	MBF-2	1.4 +	2.1	8.1	1.57	0.27	5.90	1791.	55.	2.
991	0000	-774	37.8056	80.5930	MBF-2	1.4 +	2.1	8.9 +	1.47	0.23	6.32	1838.	56.	3.
992	0000	-776	37.8056	80.5936	MBF-2	1.5 +	2.2	8.7 +	1.49	0.25	5.92	1896.	56.	2.
993	0000	-775	37.8056	80.5942	MBF-2	1.5 +	2.2	8.4	1.50	0.26	5.77 -	1894.	57.	3.
994	0000	-770	37.8056	80.5949	MBF-2	1.4 +	2.3	8.8 +	1.61	0.26	6.19	1916.	52.	2.
995	0000	-771	37.8056	80.5954	MBF-2	1.5 +	2.2	9.3 +	1.50	0.23	6.40	1933.	48.	3.
996	0000	-768	37.8056	80.5961	MBF-2	1.5 +	2.4	9.6 +	1.56	0.24	6.39	1981.	46.	3.
997	0000	-764	37.8056	80.5967	MBF-2	1.6 +	2.3	9.7 +	1.48	0.24	6.22	2006.	47.	3.
998	0000	-766	37.8057	80.5974	MBF-2	1.6 +	2.3	9.2 +	1.44	0.24	5.90	1973.	44.	4.
999	0000	-761	37.8057	80.5979	MBF-2	1.5 +	2.1	9.3 +	1.42	0.23	6.18	1933.	42.	5.
1000	0000	-756	37.8057	80.5985	MBF-2	1.4 +	2.1	9.1 +	1.48	0.23	6.45	1854.	44.	4.
1001	0000	-760	37.8057	80.5992	MBF-2	1.3 +	1.9	8.0	1.44	0.24	5.97	1724.	49.	5.
1002	0000	-759	37.8057	80.5998	MBF-2	1.2	1.8	6.9	1.47	0.26	5.74 -	1579.	50.	5.
1003	0000	-750	37.8057	80.6004	MBF-2	1.1	1.5	6.3	1.32	0.23	5.61 -	1450.	53.	5.
1004	0000	-749	37.8057	80.6010	MBF-2	1.0	1.2 -	5.6 -	1.20 -	0.22	5.46 -	1348.	53.	6.
1005	0000	-756	37.8057	80.6016	MBF-2	0.9	1.1 -	5.2 -	1.22 -	0.22	5.59 -	1256.	56.	5.
1006	0000	-751	37.8057	80.6023	MBF-2	0.9	0.9 --	4.9 -	0.96 -	0.17 -	5.59 -	1178.	58.	5.
1007	0000	-741	37.8057	80.6029	MBF-2	0.9	0.9 -	4.7 -	1.07 -	0.19	5.53 -	1168.	56.	6.
1008	0000	-744	37.8057	80.6035	MG	0.9	0.8 --	4.7 --	0.97 --	0.18 -	5.35 -	1173.	57.	6.
1009	0000	-748	37.8057	80.6041	MG	0.9	1.0 --	5.0 -	1.10 -	0.20 -	5.52 -	1227.	57.	6.
1010	0000	-742	37.8057	80.6047	MG	0.9	1.1 -	5.3 -	1.25 -	0.21 -	5.92 -	1254.	56.	6.
1011	0000	-743	37.8057	80.6053	MG	0.9	1.4 -	5.3 -	1.50 -	0.26	5.81 -	1276.	56.	6.
1012	0000	-744	37.8057	80.6060	MG	0.9	1.6 -	6.0 -	1.78	0.26	6.84	1342.	54.	6.
1013	0000	-741	37.8057	80.6065	MG	0.9	1.9	6.8	2.22	0.28	7.80	1407.	51.	6.
1014	0000	-740	37.8057	80.6072	MG	0.9	2.0	6.9	2.16	0.29	7.37	1467.	49.	6.
1015	0000	-737	37.8057	80.6078	MG	1.0	2.4	6.8	2.47	0.35	7.02	1516.	47.	5.
1016	0000	-734	37.8057	80.6084	MG	1.0	2.6	6.9	2.74	0.38	7.30	1526.	47.	5.
1017	0000	-732	37.8057	80.6090	MG	1.0	2.7	6.7	2.71	0.40	6.75	1529.	48.	4.
1018	0000	-730	37.8057	80.6096	MBF-2	1.0	2.6 +	6.9	2.65 +	0.37 +	7.14	1506.	50.	3.
1019	0000	-727	37.8058	80.6102	MBF-2	1.0	2.6 +	6.3	2.58 +	0.41 ++	6.35	1457.	50.	2.
1020	0000	-721	37.8058	80.6109	MBF-2	1.0	2.4 +	5.5 -	2.43 +	0.44 ++	5.53 -	1422.	52.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-721	37.8058	80.6114	MBF-2	0.9	2.4	5.6 -	2.55 +	0.43 ++	5.99	1387.	53.	1.
1022	0000	-728	37.8058	80.6121	MBF-2	0.9	2.4	6.1	2.58 +	0.39 +	6.67	1403.	55.	1.
1023	0000	-729	37.8058	80.6127	MBF-2	0.9	2.2	6.3	2.44 +	0.36 +	6.87	1428.	55.	1.
1024	0000	-718	37.8058	80.6134	MBF-2	0.9	2.2	6.9	2.38	0.32	7.37	1505.	52.	2.
1025	0000	-713	37.8058	80.6139	MBF-2	1.0	2.3	7.1	2.36	0.33	7.26	1559.	50.	2.
1026	0000	-718	37.8058	80.6145	MBF-2	1.0	2.4 +	7.1	2.43 +	0.34 +	7.16	1615.	51.	2.
1027	0000	-714	37.8058	80.6152	MBF-2	1.0	2.4	7.3	2.29	0.32	7.11	1629.	52.	2.
1028	0000	-704	37.8058	80.6158	MBF-2	1.1	2.2	7.5	2.03	0.30	6.79	1655.	52.	2.
1029	0000	-706	37.8058	80.6163	MBF-2	1.1	1.9	7.9	1.69	0.25	6.89	1671.	52.	2.
1030	0000	-711	37.8058	80.6170	MBF-2	1.2	2.0	8.4	1.66	0.24	7.02	1697.	50.	2.
1031	0000	-704	37.8058	80.6176	MBF-2	1.2	1.9	8.0	1.64	0.24	6.78	1705.	50.	4.
1032	0000	-696	37.8058	80.6183	MBF-2	1.2	1.8	8.2	1.47	0.22	6.67	1746.	50.	5.
1033	0000	-702	37.8058	80.6188	MBF-2	1.3	1.7	8.8 +	1.33	0.20	6.75	1778.	51.	6.
1034	0000	-706	37.8058	80.6195	MBF-2	1.4 +	1.9	9.1 +	1.42	0.21	6.74	1834.	49.	6.
1035	0000	-697	37.8058	80.6201	MBF-2	1.4 +	1.9	9.5 +	1.42	0.20	6.94	1905.	50.	7.
1036	0000	-695	37.8058	80.6207	MBF-2	1.4 +	2.3	9.0 +	1.64	0.25	6.54	1932.	49.	6.
1037	0000	-701	37.8058	80.6213	MBF-2	1.4 +	2.2	8.6	1.55	0.25	6.15	1932.	51.	6.
1038	0000	-700	37.8058	80.6219	MBF-2	1.4 +	2.2	8.5	1.59	0.26	6.07	1859.	53.	4.
1039	0000	-695	37.8058	80.6225	MBF-2	1.3 +	2.4	8.3	1.75	0.28	6.18	1839.	55.	3.
1040	0000	-691	37.8058	80.6232	MBF-2	1.3	2.3	8.0	1.78	0.29	6.23	1776.	53.	2.
1041	0000	-684	37.8058	80.6237	MBF-2	1.2	2.0	7.7	1.67	0.27	6.28	1698.	55.	3.
1042	0000	-678	37.8058	80.6244	MBF-2	1.1	1.9	7.0	1.63	0.27	6.11	1574.	54.	4.
1043	0000	-676	37.8058	80.6250	MBF-2	1.1	1.5	7.0	1.42	0.22	6.55	1476.	52.	5.
1044	0000	-678	37.8058	80.6257	MBF-2	1.0	1.4	6.6	1.49	0.22	6.87	1385.	52.	6.
1045	0000	-676	37.8059	80.6262	MBF-2	0.9	1.4 -	6.3	1.52	0.22	6.96	1334	52.	8.
1046	0000	-669	37.8059	80.6268	MBF-2	0.9	1.3 -	6.3	1.45	0.21	6.89	1342.	50.	9.
1047	0000	-666	37.8059	80.6274	MBF-2	0.9	1.3 -	6.4	1.36	0.20	6.82	1379.	51.	9.
1048	0000	-672	37.8059	80.6281	MBF-2	0.9	1.3 -	6.7	1.47	0.20	7.32	1422.	51.	8.
1049	0000	-680	37.8059	80.6287	MBF-2	0.9	1.7	7.1	1.82	0.24	7.75	1468.	49.	6.
1050	0000	-679	37.8059	80.6293	MBF-2	0.9	1.8	7.1	1.92	0.26	7.50	1485.	50.	5.
1051	0000	-672	37.8059	80.6299	MBF-2	0.9	2.0	7.2	2.16	0.28	7.83	1509.	53.	3.
1052	0000	-667	37.8059	80.6306	MBF-2	0.9	2.0	7.5	2.11	0.26	8.03	1528.	54.	1.
1053	0000	-664	37.8059	80.6312	MBF-2	0.9	2.2	7.6	2.47 +	0.29	8.52 +	1506.	54.	1.
1054	0000	-660	37.8059	80.6318	MBF-2	0.8 -	2.3	7.3	2.84 +	0.31	9.09 +	1453.	54.	0.
1055	0000	-656	37.8059	80.6324	MBF-2	0.7 -	2.5 +	6.9	3.40 ++	0.37 +	9.21 +	1411.	52.	0.
1056	0000	-656	37.8059	80.6330	MBF-2	0.7 -	2.3	6.6	3.14 +	0.35 +	9.07 +	1384.	54.	1.
1057	0000	-657	37.8059	80.6336	MBF-2	0.7 -	2.1	6.8	2.99 +	0.31	9.60 ++	1385.	53.	2.
1058	0000	-656	37.8059	80.6343	MBF-2	0.8 -	1.8	6.6	2.42 +	0.28	8.73 +	1400.	50.	4.
1059	0000	-656	37.8059	80.6348	MBF-2	0.7 -	1.8	6.6	2.39	0.27	8.92 +	1399.	48.	6.
1060	0000	-655	37.8060	80.6355	MBF-2	0.8 -	1.4 -	6.6	1.79	0.21	8.43 +	1421.	48.	9.
1061	0000	-654	37.8060	80.6361	MBF-2	0.9	1.2 -	6.6	1.33	0.18 -	7.58	1458.	47.	11.
1062	0000	-653	37.8060	80.6367	MBF-2	0.9	0.9 -	6.9	0.97 -	0.13 -	7.32	1505.	47.	12.
1063	0000	-651	37.8060	80.6373	MBF-2	1.0	0.8 --	7.2	0.80 --	0.12 --	6.88	1550.	47.	12.
1064	0000	-648	37.8060	80.6379	MBF-2	1.1	0.9 --	7.1	0.84 --	0.13 -	6.69	1574.	48.	12.
1065	0000	-646	37.8060	80.6385	MBF-2	1.1	1.2 -	7.1	1.11 -	0.17 -	6.65	1586.	49.	10.
1066	0000	-645	37.8060	80.6392	MBF-2	1.1	1.5	7.3	1.35	0.20	6.76	1607.	48.	8.
1067	0000	-639	37.8060	80.6397	MBF-2	1.1	1.6	7.2	1.51	0.23	6.64	1602.	48.	6.
1068	0000	-637	37.8060	80.6404	MBF-2	1.0	1.9	7.3	1.86	0.27	6.95	1606.	48.	3.
1069	0000	-636	37.8060	80.6410	MBF-2	1.0	2.0	7.4	2.02	0.28	7.30	1578.	51.	2.
1070	0000	-631	37.8060	80.6417	MBF-2	0.9	2.1	7.0	2.28	0.31	7.49	1532.	53.	1.
1071	0000	-633	37.8060	80.6422	MBF-2	0.9	2.2	7.1	2.43 +	0.31	7.82	1499.	54.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-639	37.8060	80.6429	MBF-2	0.9	1.9	6.7	2.12	0.28	7.46	1450.	54.	2.
1073	0000	-636	37.8060	80.6435	MBF-2	0.9	1.7	6.2	1.84	0.27	6.84	1392.	57.	3.
1074	0000	-632	37.8060	80.6441	MBF-2	0.9	1.5	6.2	1.73	0.25	7.07	1331.	57.	4.
1075	0000	-634	37.8060	80.6447	MBF-2	0.8	1.4 -	5.9 -	1.66	0.23	7.06	1275.	57.	4.
1076	0000	-635	37.8060	80.6453	MBF-2	0.8 -	1.1 -	5.6 -	1.54	0.20	6.82	1234.	54.	5.
1077	0000	-628	37.8060	80.6459	MBF-2	0.8 -	1.1 -	5.9 -	1.46	0.19 -	7.57	1226.	54.	5.
1078	0000	-624	37.8060	80.6466	MBF-2	0.8 -	1.1 -	5.9 -	1.31	0.18 -	7.18	1224.	53.	5.
1079	0000	-628	37.8060	80.6471	MBF-2	0.8	1.2 -	6.3	1.45	0.19	7.41	1248.	54.	4.
1080	0000	-625	37.8060	80.6478	MBF-2	0.9	1.1 -	6.4	1.30	0.18 -	7.43	1286.	52.	4.
1081	0000	-621	37.8060	80.6484	MBF-2	1.0	1.3 -	6.7	1.30	0.19 -	6.79	1365.	53.	4.
1082	0000	-627	37.8060	80.6490	MBF-2	1.1	1.2 -	7.0	1.13 -	0.18 -	6.47	1439.	54.	4.
1083	0000	-628	37.8061	80.6496	MBF-2	1.1	1.5	7.0	1.28	0.21	6.08	1513.	55.	5.
1084	0000	-623	37.8061	80.6502	MBF-2	1.2	1.4 -	7.5	1.12 -	0.18 -	6.12	1561.	56.	6.
1085	0000	-626	37.8061	80.6508	MBF-2	1.2	1.4	7.7	1.18 -	0.18 -	6.39	1573.	57.	7.
1086	0000	-627	37.8061	80.6515	MBF-2	1.1	1.4	7.5	1.26 -	0.19 -	6.56	1559.	56.	7.
1087	0000	-619	37.8061	80.6521	MBF-2	1.1	1.5	7.1	1.39	0.22	6.44	1532.	58.	8.
1088	0000	-617	37.8061	80.6527	MBF-2	1.0	1.4	6.9	1.40	0.21	6.72	1473.	58.	9.
1089	0000	-616	37.8061	80.6533	MBF-2	0.9	1.5	6.4	1.63	0.24	6.90	1408.	58.	10.
1090	0000	-612	37.8061	80.6540	MBF-2	0.9	1.5	6.3	1.65	0.24	6.94	1388.	59.	10.
1091	0000	-611	37.8061	80.6545	MBF-2	0.9	1.6	5.7 -	1.77	0.29	6.16	1404.	59.	10.
1092	0000	-608	37.8061	80.6552	MBF-2	1.0	1.7	5.6 -	1.78	0.31	5.71 -	1472.	60.	10.
1093	0000	-607	37.8061	80.6557	MBF-2	1.1	1.8	6.4	1.61	0.28	5.78 -	1600.	60.	10.
1094	0000	-606	37.8061	80.6564	MBF-2	1.3	1.9	7.1	1.54	0.27	5.67 -	1737.	58.	10.
1095	0000	-606	37.8061	80.6570	MBF-2	1.4 +	2.3	7.6	1.68	0.30	5.62 -	1881.	56.	10.
1096	0000	-609	37.8061	80.6577	MBF-2	1.5 +	2.2	8.9 +	1.50	0.25	6.03	1993.	57.	10.
1097	0000	-607	37.8061	80.6582	MBF-2	1.5 +	2.1	9.1 +	1.41	0.23	6.10	2031.	54.	10.
1098	0000	-604	37.8061	80.6589	MBF-2	1.5 +	2.0	9.9 +	1.32	0.20	6.49	2091.	55.	10.
1099	0000	-606	37.8061	80.6595	MBF-2	1.6 +	1.9	10.1 ++	1.23 -	0.19 -	6.50	2107.	53.	10.
1100	0000	-599	37.8061	80.6601	MBF-2	1.5 +	1.9	10.1 ++	1.21 -	0.19 -	6.50	2069.	53.	10.
1101	0000	-596	37.8061	80.6607	MBF-2	1.5 +	1.8	9.9 +	1.25 -	0.18 -	6.76	2013.	54.	10.
1102	0000	-601	37.8061	80.6613	MBF-2	1.4 +	1.6	9.7 +	1.17 -	0.16 -	7.09	1943.	59.	10.
1103	0000	-605	37.8061	80.6619	MBF-2	1.4 +	1.5	9.1 +	1.06 -	0.16 -	6.69	1902.	57.	10.
1104	0000	-602	37.8061	80.6625	MBF-2	1.4 +	1.5	9.1 +	1.08 -	0.17 -	6.48	1896.	57.	9.
1105	0000	-599	37.8061	80.6631	MBF-2	1.3	1.8	8.2	1.38	0.22	6.17	1806.	55.	8.
1106	0000	-599	37.8061	80.6637	MBF-2	1.3	1.7	7.9	1.29	0.21	6.15	1734.	55.	7.
1107	0000	-600	37.8061	80.6644	MBF-2	1.2	1.6	7.4	1.27 -	0.21	6.01	1672.	55.	7.
1108	0000	-597	37.8061	80.6649	MBF-2	1.2	1.5	7.3	1.26 -	0.21	5.95	1639.	55.	6.
1109	0000	-596	37.8061	80.6656	MBF-2	1.3	1.5	7.4	1.19 -	0.20	5.81	1616.	53.	5.
1110	0000	-589	37.8061	80.6662	MBF-2	1.2	1.7	6.6	1.38	0.25	5.49 -	1554.	55.	3.
1111	0000	-585	37.8061	80.6669	MBF-2	1.1	1.6	6.6	1.46	0.24	6.02	1500.	55.	3.
1112	0000	-595	37.8061	80.6674	MBF-2	1.1	1.4	6.6	1.28	0.21	6.01	1473.	55.	2.
1113	0000	-594	37.8061	80.6680	MBF-2	1.1	1.6	6.3	1.47	0.26	5.75 -	1439.	56.	2.
1114	0000	-588	37.8061	80.6687	MBF-2	1.1	1.7	6.1	1.60	0.28	5.73 -	1413.	57.	2.
1115	0000	-593	37.8061	80.6693	MBF-2	1.0	1.5	6.1	1.53	0.25	6.03	1398.	59.	2.
1116	0000	-591	37.8061	80.6699	MBF-2	1.0	1.7	6.0	1.61	0.27	5.88	1426.	57.	2.
1117	0000	-585	37.8061	80.6704	MBF-2	1.0	1.9	6.6	1.89	0.30	6.36	1515.	54.	2.
1118	0000	-586	37.8061	80.6711	MBF-2	1.1	2.2	6.8	1.96	0.32	6.19	1578.	54.	3.
1119	0000	-589	37.8061	80.6717	MBF-2	1.1	2.2	7.4	1.54	0.30	6.49	1638.	57.	2.
1120	0000	-597	37.8061	80.6723	MBF-2	1.2	2.1	8.1	1.76	0.26	6.91	1709.	56.	2.
1121	0000	-597	37.8061	80.6729	MBF-2	1.2	2.1	8.5	1.74	0.25	6.95	1779.	55.	2.
1122	0000	-591	37.8061	80.6735	MBF-2	1.2	2.3	8.4	1.84	0.27	6.76	1831.	53.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-591	37.8061	80.6742	MBF-2	1.2	2.3	9.0 +	1.82	0.25	7.27	1857.	55.	1.
1124	0000	-588	37.8061	80.6747	MBF-2	1.2	2.1	9.0 +	1.71	0.23	7.36	1838.	54.	1.
1125	0000	-586	37.8061	80.6754	MBF-2	1.3	2.0	8.5	1.56	0.23	6.79	1804.	54.	2.
1126	0000	-590	37.8061	80.6760	MBF-2	1.2	1.9	8.0	1.61	0.24	6.68	1745.	54.	3.
1127	0000	-587	37.8061	80.6766	MH	1.1 +	1.9	7.5	1.63	0.25	6.60	1688.	54.	4.
1128	0000	-586	37.8062	80.6772	MH	1.1	1.7	7.5	1.57	0.23	6.82	1632.	54.	4.
1129	0000	-593	37.8062	80.6778	MH	1.1	1.7	7.4	1.55	0.23	6.89	1570.	53.	4.
1130	0000	-590	37.8062	80.6784	MH	1.0	1.6	7.0	1.51	0.22	6.76	1509.	53.	3.
1131	0000	-585	37.8062	80.6790	MH	1.0	1.7	6.9	1.61	0.24	6.72	1473.	54.	3.
1132	0000	-589	37.8062	80.6796	MH	1.0	1.7	7.4	1.74	0.23	7.45	1482.	56.	3.
1133	0000	-590	37.8062	80.6802	MH	1.1	1.7	7.9	1.57	0.21	7.44	1551.	54.	3.
1134	0000	-585	37.8062	80.6809	MH	1.1	1.9	8.3 +	1.70	0.23	7.50	1605.	53.	2.
1135	0000	-584	37.8062	80.6814	MBF-2	1.1	1.9	8.1	1.73	0.23	7.35	1603.	53.	3.
1136	0000	-590	37.8062	80.6821	MBF-2	1.1	1.8	8.3	1.71	0.22	7.70	1576.	56.	4.
1137	0000	-590	37.8062	80.6827	MBF-2	1.0	1.8	7.8	1.75	0.23	7.63	1539.	57.	6.
1138	0000	-586	37.8062	80.6833	MBF-2	1.0	1.4	7.8	1.46	0.19 -	7.87	1495.	57.	6.
1139	0000	-591	37.8062	80.6839	MBF-2	1.0	1.2 -	7.3	1.27 -	0.17 -	7.53	1447.	57.	7.
1140	0000	-591	37.8062	80.6845	MBF-2	0.9	1.3 -	7.2	1.41	0.18 -	7.67	1408.	58.	7.
1141	0000	-585	37.8062	80.6852	MBF-2	0.9	1.4	7.0	1.59	0.21	7.71	1424.	56.	8.
1142	0000	-586	37.8062	80.6857	MH	1.0	1.6	7.4	1.62	0.21	7.68	1504.	55.	9.
1143	0000	-591	37.8062	80.6864	MH	1.0	1.6	7.9	1.58	0.20	7.85	1579.	52.	9.
1144	0000	-595	37.8062	80.6870	MH	1.1	1.6	7.8	1.43 -	0.20	7.02	1614.	52.	9.
1145	0000	-591	37.8062	80.6875	MH	1.1	1.7	7.5	1.49	0.22	6.76	1637.	51.	10.
1146	0000	-587	37.8062	80.6882	MH	1.0	1.8	7.3	1.75	0.25	7.00	1636.	48.	11.
1147	0000	-593	37.8062	80.6888	MH	1.0	1.7	7.2	1.66	0.24	6.98	1601.	48.	11.
1148	0000	-595	37.8062	80.6894	MH	1.0	1.6	7.0	1.69	0.23	7.22	1530.	49.	10.
1149	0000	-590	37.8062	80.6900	MH	0.9	1.4	6.5	1.54	0.22	7.13	1433.	48.	10.
1150	0000	-588	37.8062	80.6907	MH	0.9	1.4	6.2	1.59	0.22	7.11	1371.	49.	10.
1151	0000	-587	37.8062	80.6912	MH	0.8	1.6	6.4	1.94	0.25	7.87	1361.	51.	9.
1152	0000	-587	37.8062	80.6918	MH	0.8	1.7	6.4	2.14	0.26	8.34	1351.	53.	9.
1153	0000	-591	37.8062	80.6925	MH	0.8	1.6	6.6	1.95	0.24	8.04	1357.	57.	8.
1154	0000	-592	37.8062	80.6930	MH	0.8	1.6	6.7	1.90	0.23	8.14	1371.	57.	8.
1155	0000	-594	37.8062	80.6937	MH	0.9	1.4	7.0	1.49	0.19 -	7.64	1413.	56.	7.
1156	0000	-596	37.8062	80.6943	MH	1.0	1.5	7.1	1.58	0.22	7.28	1465.	60.	7.
1157	0000	-594	37.8062	80.6949	MH	1.0	1.5	6.8	1.46	0.22	6.52	1501.	60.	7.
1158	0000	-598	37.8062	80.6955	MH	1.1	1.5	7.0	1.40 -	0.22	6.43 -	1538.	58.	7.
1159	0000	-604	37.8062	80.6962	MH	1.1	1.6	7.0	1.41 -	0.23	6.20 -	1574.	57.	7.
1160	0000	-597	37.8062	80.6967	MH	1.1	1.6	7.1	1.46	0.23	6.30 -	1595.	53.	6.
1161	0000	-592	37.8062	80.6973	MH	1.2 +	1.5	6.9	1.27 -	0.21	6.01 -	1600.	53.	7.
1162	0000	-599	37.8062	80.6979	MH	1.1 +	1.6	6.9	1.41 -	0.23	6.05 -	1586.	54.	7.
1163	0000	-602	37.8062	80.6985	MH	1.1	1.6	6.9	1.50	0.24	6.33 -	1556.	51.	7.
1164	0000	-597	37.8062	80.6992	MH	1.1	1.6	6.7	1.52	0.25	6.16 -	1544.	50.	7.
1165	0000	-596	37.8062	80.6998	MH	1.1	1.5	6.7	1.36 -	0.22	6.19 -	1519.	48.	6.
1166	0000	-603	37.8062	80.7004	MH	1.1	1.5	6.8	1.38 -	0.22	6.34 -	1501.	47.	6.
1167	0000	-602	37.8062	80.7010	MH	1.0	1.6	6.9	1.52	0.23	6.58	1504.	51.	5.
1168	0000	-595	37.8062	80.7016	MH	1.0	1.8	7.3	1.70	0.24	6.97	1495.	53.	3.
1169	0000	-595	37.8062	80.7023	MH	1.0	1.8	7.5	1.69	0.24	7.18	1486.	55.	3.
1170	0000	-595	37.8062	80.7028	MH	1.0	1.7	7.7	1.67	0.23	7.42	1475.	55.	1.
1171	0000	-593	37.8062	80.7035	MH	1.1	1.7	7.9	1.63	0.22	7.44	1461.	56.	0.
1172	0000	-600	37.8062	80.7041	MH	1.0	1.9	7.8	1.87	0.24	7.66	1472.	58.	0.
1173	0000	-603	37.8062	80.7047	MH	1.0	2.0	7.9	1.97	0.26	7.64	1479.	60.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-597	37.8062	80.7053		MH	1.0	2.0	7.8	1.99	0.26	7.70	1466.	60.	0.
1175	0000	-599	37.8062	80.7059		MH	1.0	2.2	7.4	2.19	0.29	7.47	1485.	57.	1.
1176	0000	-607	37.8062	80.7065		MH	0.9	2.4 +	6.8	2.62	0.35 +	7.35	1499.	56.	2.
1177	0000	-604	37.8062	80.7071		MH	0.9	2.4 +	6.7	2.53	0.36 +	7.11	1538.	57.	3.
1178	0000	-603	37.8062	80.7077		MH	1.0	2.2	6.9	2.21	0.31	7.03	1583.	57.	5.
1179	0000	-606	37.8062	80.7083		MH	0.9	2.2	7.3	2.31	0.30	7.71	1591.	60.	6.
1180	0000	-602	37.8062	80.7090		MH	0.9	2.1	7.6	2.22	0.27	8.11	1613.	59.	7.
1181	0000	-601	37.8062	80.7095		MH	1.0	1.9	7.9	1.86	0.24	7.89	1619.	57.	7.
1182	0000	-605	37.8062	80.7102		MH	0.9	1.8	7.8	1.89	0.23	8.29	1575.	59.	8.
1183	0000	-603	37.8062	80.7108		MH	1.0	1.6	7.7	1.64	0.20	8.09	1533.	59.	9.
1184	0000	-600	37.8062	80.7114		MH	0.9	1.5	7.5	1.66	0.20	8.24	1464.	61.	10.
1185	0000	-599	37.8062	80.7121		MH	0.8	1.6	7.5	2.08	0.22	9.62	1400.	61.	10.
1186	0000	-599	37.8062	80.7126		MH	0.8	1.3	7.3	1.63	0.18 -	9.12	1378.	57.	11.
1187	0000	-610	37.8062	80.7132		MH	0.8	1.2 -	6.9	1.51	0.17 -	9.05	1329.	57.	12.
1188	0000	-614	37.8062	80.7139		MH	0.7	1.1 -	6.4	1.56	0.18 -	8.66	1305.	57.	13.
1189	0000	-606	37.8062	80.7145		MH	0.8	1.1 -	6.4	1.42 -	0.17 -	8.33	1325.	57.	13.
1190	0000	-608	37.8062	80.7150		MH	0.8	1.0 -	6.7	1.33 -	0.16 -	8.60	1333.	56.	12.
1191	0000	-612	37.8062	80.7157		MH	0.8	1.1 -	6.8	1.44	0.17 -	8.61	1354.	54.	10.
1192	0000	-605	37.8062	80.7163		MH	0.8	1.3 -	6.4	1.55	0.19 -	7.97	1347.	55.	8.
1193	0000	-603	37.8062	80.7169		MH	0.8	1.5	5.8	1.84	0.26	7.22	1306.	57.	6.
1194	0000	-610	37.8062	80.7175		MH	0.8	1.4	5.6	1.77	0.26	6.92	1283.	55.	4.
1195	0000	-611	37.8062	80.7181		MH	0.8	1.5	5.9	1.89	0.25	7.46	1293.	55.	3.
1196	0000	-612	37.8062	80.7188		MH	0.9	1.4	6.2	1.67	0.23	7.29	1313.	56.	1.
1197	0000	-618	37.8062	80.7193		MH	0.9	1.6	6.6	1.80	0.25	7.25	1358.	58.	0.
1198	0000	-619	37.8062	80.7200		MH	0.9	1.8	6.3	1.95	0.29	6.81	1386.	60.	0.
1199	0000	-614	37.8062	80.7206		MH	1.0	1.9	6.7	1.95	0.28	7.05	1433.	60.	0.
1200	0000	-612	37.8062	80.7211		MH	1.0	2.0	6.9	2.08	0.30	7.03	1480.	60.	0.
1201	0000	-612	37.8062	80.7218		MH	0.9	2.2	7.3	2.32	0.30	7.81	1519.	61.	0.
1202	0000	-610	37.8062	80.7224		MH	1.0	2.2	7.8	2.35	0.29	8.17	1536.	59.	1.
1203	0000	-614	37.8062	80.7230		MH	0.9	2.3 +	7.7	2.56	0.30	8.43	1549.	57.	1.
1204	0000	-617	37.8062	80.7236		MH	0.9	2.1	7.5	2.34	0.28	8.32	1539.	58.	3.
1205	0000	-612	37.8062	80.7242		MH	0.9	1.8	8.1 +	1.99	0.22	8.90	1535.	56.	5.
1206	0000	-609	37.8062	80.7248		MH	0.9	1.7	8.1 +	2.00	0.22	9.26	1539.	55.	6.
1207	0000	-613	37.8062	80.7255		MH	0.9	1.5	8.8 +	1.71	0.17 -	10.02	1559.	55.	8.
1208	0000	-619	37.8062	80.7261		MH	0.9	1.4	8.9 +	1.48	0.16 -	9.41	1594.	55.	10.
1209	0000	-618	37.8062	80.7266		MH	0.9	1.4	8.2 +	1.52	0.17 -	8.81	1606.	57.	12.
1210	0000	-617	37.8062	80.7273		MH	1.0	1.5	8.2 +	1.56	0.19 -	8.41	1631.	58.	12.
1211	0000	-620	37.8062	80.7279		MH	1.0	1.5	8.2 +	1.51	0.18 -	8.17	1651.	54.	11.
1212	0000	-621	37.8062	80.7285		MH	1.0	1.9	8.0	1.89	0.24	7.97	1671.	54.	10.
1213	0000	-623	37.8062	80.7291		MH	1.0	2.0	7.9	1.93	0.26	7.57	1675.	52.	8.
1214	0000	-623	37.8062	80.7297		MH	1.0	2.1	7.6	2.07	0.28	7.38	1662.	54.	6.
1215	0000	-623	37.8062	80.7303		MH	1.0	2.1	7.4	2.05	0.28	7.28	1643.	54.	6.
1216	0000	-625	37.8062	80.7309		MH	1.0	2.1	7.7	2.12	0.28	7.68	1636.	53.	4.
1217	0000	-623	37.8062	80.7316		MH	1.0	2.2	7.9	2.21	0.28	7.99	1638.	52.	3.
1218	0000	-622	37.8062	80.7321		MH	1.0	2.2	7.7	2.26	0.29	7.80	1646.	53.	5.
1219	0000	-628	37.8062	80.7328		MH	1.0	2.0	7.8	2.00	0.26	7.71	1671.	54.	6.
1220	0000	-631	37.8062	80.7334		MH	1.0	1.9	7.7	1.93	0.25	7.66	1654.	56.	7.
1221	0000	-629	37.8062	80.7340		MH	1.0	1.9	7.5	1.87	0.25	7.56	1634.	54.	7.
1222	0000	-625	37.8062	80.7346		MH	1.0	2.0	7.2	1.91	0.27	7.10	1610.	54.	7.
1223	0000	-626	37.8062	80.7352		MH	1.0	1.8	6.6	1.77	0.28	6.43 -	1569.	54.	6.
1224	0000	-634	37.8062	80.7358		MH	1.0	1.6	6.3	1.60	0.25	6.38 -	1505.	56.	5.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-633	37.8062	80.7364	MH	0.9	1.5	6.1	1.75	0.27	6.57	1422.	56.	4.
1226	0000	-623	37.8062	80.7371	MH	0.9	1.5	5.6	1.67	0.27	6.28 -	1326.	57.	3.
1227	0000	-627	37.8062	80.7377	MH	0.8	1.5	5.5	1.77	0.27	6.80	1265.	57.	2.
1228	0000	-635	37.8062	80.7383	MH	0.8	1.6	5.2 -	2.04	0.31	6.63	1224.	60.	1.
1229	0000	-630	37.8062	80.7389	MH	0.7	1.5	5.2 -	2.17	0.30	7.29	1175.	60.	1.
1230	0000	-628	37.8062	80.7395	MH	0.7	1.6	5.2 -	2.39	0.31	7.64	1151.	60.	1.
1231	0000	-633	37.8062	80.7401	MBP	0.7	1.7	5.0	2.57	0.33	7.72	1123.	59.	1.
1232	0000	-631	37.8062	80.7407	MBP	0.7	1.6	5.3	2.41	0.30	7.97	1127.	61.	1.
1233	0000	-629	37.8062	80.7413	MBP	0.7	1.6	5.2	2.38	0.30	7.92	1138.	59.	2.
1234	0000	-630	37.8062	80.7419	MBP	0.7	1.6	5.4	2.11	0.29	7.27	1187.	58.	2.
1235	0000	-632	37.8062	80.7426	MBP	0.8	1.5	5.9	1.97	0.26	7.60	1237.	56.	2.
1236	0000	-638	37.8062	80.7431	MBP	0.8	1.7	5.8	2.01	0.29	6.95	1294.	56.	2.
1237	0000	-644	37.8063	80.7438	MBP	0.9	1.7	6.4	1.96	0.26	7.43	1332.	55.	2.
1238	0000	-641	37.8063	80.7444	MBP	0.9	1.7	6.4	1.91	0.27	7.09	1375.	54.	2.
1239	0000	-640	37.8063	80.7450	MBP	0.9	1.7	6.5	1.94	0.27	7.31	1385.	54.	3.
1240	0000	-643	37.8063	80.7456	MBP	0.9	1.9	6.8	2.21	0.28	7.95	1387.	52.	2.
1241	0000	-642	37.8063	80.7462	MBP	0.8	2.0	6.5	2.59	0.31	8.41	1351.	49.	2.
1242	0000	-641	37.8063	80.7469	MBP	0.7	1.7	6.3	2.39	0.27	8.71	1266.	48.	3.
1243	0000	-640	37.8063	80.7474	MH	0.6	1.6	6.0	2.56	0.27	9.45	1173.	47.	3.
1244	0000	-638	37.8063	80.7480	MH	0.5	1.6	5.3	2.88	0.30	9.63	1082.	50.	4.
1245	0000	-641	37.8063	80.7487	MH	0.5 -	1.6	4.9 -	3.43 +	0.32	10.85 +	985.	51.	4.
1246	0000	-643	37.8063	80.7493	MH	0.4 -	1.5	4.6 -	4.06 +	0.34	12.05 +	902.	53.	3.
1247	0000	-644	37.8063	80.7498	MH	0.3 -	1.2 -	4.2 -	3.69 +	0.29	12.54 +	828.	56.	4.
1248	0000	-647	37.8063	80.7505	MH	0.3 -	1.1 -	4.1 -	3.82 +	0.28	13.77 +	771.	61.	4.
1249	0000	-644	37.8063	80.7511	MH	0.3 -	1.1 -	3.8 --	3.94 +	0.28	14.04 ++	745.	63.	4.
1250	0000	-642	37.8063	80.7517	MH	0.3 -	0.9 -	3.8 --	3.11	0.23	13.35 +	731.	65.	5.
1251	0000	-643	37.8063	80.7523	MH	0.3 -	0.8 --	3.9 -	2.53	0.20 -	12.72 +	730.	63.	5.
1252	0000	-646	37.8063	80.7529	MH	0.3 -	0.7 --	3.9 -	2.20	0.18 -	12.03 +	746.	63.	5.
1253	0000	-652	37.8063	80.7536	MH	0.3 -	0.6 --	3.7 --	1.93	0.17 -	11.39 +	761.	58.	6.
1254	0000	-650	37.8063	80.7542	MH	0.3 -	0.7 --	3.7 --	2.10	0.19 -	10.85 +	780.	60.	5.
1255	0000	-646	37.8063	80.7548	MH	0.4 -	0.7 --	3.8 --	1.89	0.19 -	9.88	811.	58.	6.
1256	0000	-651	37.8063	80.7554	MH	0.4 -	1.1 -	3.6 --	2.61	0.30	8.72	849.	56.	5.
1257	0000	-653	37.8063	80.7560	MH	0.4 -	1.2 -	4.0 -	2.79	0.30	9.41	909.	54.	4.
1258	0000	-650	37.8063	80.7566	MH	0.5 -	1.2 -	4.5 -	2.57	0.27	9.47	955.	55.	3.
1259	0000	-652	37.8063	80.7572	MH	0.5 -	1.3	4.8 -	2.54	0.27	9.42	1003.	57.	2.
1260	0000	-656	37.8063	80.7578	MH	0.6	1.6	5.1 -	2.88	0.31	9.19	1077.	55.	2.
1261	0000	-657	37.8063	80.7584	MH	0.7	1.6	5.3	2.43	0.30	8.04	1138.	52.	1.
1262	0000	-660	37.8063	80.7591	MH	0.7	1.6	5.6	2.30	0.29	7.99	1181.	52.	2.
1263	0000	-657	37.8063	80.7596	MH	0.8	1.4	5.9	1.72	0.23	7.36	1226.	56.	3.
1264	0000	-651	37.8063	80.7602	MH	0.9	1.4	5.9	1.68	0.24	6.86	1259.	57.	4.
1265	0000	-654	37.8063	80.7609	MH	0.9	1.3 -	5.9	1.34 -	0.21	6.25 -	1315.	56.	6.
1266	0000	-655	37.8063	80.7614	MH	1.0	1.5	6.1	1.54	0.25	6.16 -	1365.	55.	7.
1267	0000	-649	37.8063	80.7621	MH	1.1	1.4	5.9	1.37 -	0.25	5.57 -	1395.	56.	8.
1268	0000	-652	37.8063	80.7627	MH	1.0	1.3	5.9	1.32 -	0.23	5.81 -	1414.	58.	10.
1269	0000	-654	37.8063	80.7634	MH	1.1	1.3	6.5	1.17 -	0.20	5.76 -	1472.	56.	9.
1270	0000	-654	37.8063	80.7639	MH	1.1	1.5	6.6	1.39 -	0.23	5.95 -	1509.	55.	8.
1271	0000	-658	37.8063	80.7645	MH	1.1	1.5	6.8	1.30 -	0.21	6.08 -	1502.	57.	7.
1272	0000	-654	37.8062	80.7652	MH	1.1	1.7	6.9	1.51	0.24	6.32 -	1484.	57.	5.
1273	0000	-656	37.8062	80.7657	MH	1.2 +	1.3	6.9	1.12 -	0.19 -	5.96 -	1458.	58.	4.
1274	0000	-666	37.8062	80.7664	MH	1.2 +	1.0 -	7.1	0.87 --	0.15 --	5.96 -	1435.	59.	3.
1275	0000	-660	37.8062	80.7669	MH	1.2 +	1.4	7.2	1.19 -	0.20 -	6.06 -	1434.	59.	1.

CP6 1P12

FLIGHT LINE 60, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-658	37.8062	80.7676	MH	1.1	1.5	6.7	1.35 -	0.22	6.02 -	1400.	60.	1.
1277	0000	-658	37.8062	80.7682	MH	1.1 +	1.7	6.2	1.48	0.27	5.43 -	1398.	58.	1.
1278	0000	-654	37.8062	80.7689	MH	1.1 +	1.6	6.3	1.42 -	0.26	5.47 -	1433.	55.	2.
1279	0000	-664	37.8062	80.7694	MH	1.1 +	1.7	6.0	1.48	0.28	5.26 -	1449.	55.	2.
1280	0000	-665	37.8063	80.7700	MH	1.1	1.7	6.0	1.60	0.29	5.49 -	1438.	55.	2.
1281	0000	-654	37.8063	80.7707	MH	1.0	1.7	6.0	1.75	0.29	5.11 -	1411.	54.	2.
1282	0000	-662	37.8063	80.7712	MH	0.9	1.7	5.6	1.83	0.31	5.87 -	1375.	53.	2.
1283	0000	-664	37.8063	80.7719	MH	0.9	1.7	5.6	1.93	0.31	6.19 -	1331.	51.	2.
1284	0000	-659	37.8063	80.7725	MH	0.8	1.5	5.9	1.83	0.25	7.30	1279.	53.	2.
1285	0000	-665	37.8063	80.7731	MH	0.8	1.6	5.7	2.07	0.29	7.18	1235.	56.	2.
1286	0000	-667	37.8063	80.7737	MH	0.8	1.7	5.9	2.04	0.28	7.18	1239.	56.	2.
1287	0000	-667	37.8063	80.7743	MH	0.9	1.8	6.2	2.05	0.29	7.18	1304.	56.	2.
1288	0000	-666	37.8063	80.7749	MH	1.0	2.1	6.7	2.16	0.31	6.95	1400.	55.	2.
1289	0000	-661	37.8063	80.7755	MH	1.1	1.9	7.5	1.80	0.26	7.07	1478.	54.	2.
1290	0000	-667	37.8063	80.7761	MH	1.1	2.0	7.7	1.84	0.27	6.89	1566.	57.	2.
1291	0000	-670	37.8063	80.7767	MH	1.2 +	2.4 +	7.8	2.03	0.31	6.63	1638.	57.	2.
1292	0000	-665	37.8063	80.7774	MH	1.2 +	2.6 +	7.8	2.15	0.33	6.49 -	1696.	53.	2.
1293	0000	-667	37.8063	80.7780	MH	1.2 +	2.7 +	7.9	2.25	0.34	6.63	1728.	53.	2.
1294	0000	-667	37.8063	80.7786	MH	1.2 +	2.8 ++	7.8	2.41	0.36 +	6.64	1736.	52.	2.
1295	0000	-665	37.8063	80.7792	MH	1.1 +	2.8 ++	7.6	2.49	0.37 +	6.68	1702.	53.	2.
1296	0000	-669	37.8063	80.7798	MH	1.1	2.8 ++	7.4	2.64	0.38 +	6.96	1677.	51.	2.
1297	0000	-666	37.8063	80.7804	MH	1.0	2.7 +	7.5	2.62	0.36 +	7.19	1646.	49.	2.
1298	0000	-661	37.8063	80.7810	MH	1.0	2.5 +	7.6	2.47	0.33	7.47	1621.	49.	2.
1299	0000	-668	37.8063	80.7817	MH	1.0	2.2	7.7	2.27	0.29	7.76	1585.	51.	2.
1300	0000	-673	37.8063	80.7822	MH	0.9	2.1	7.6	2.26	0.28	8.04	1546.	49.	1.
1301	0000	-671	37.8063	80.7829	MH	0.9	2.0	7.7	2.12	0.26	8.17	1503.	48.	0.
1302	0000	-672	37.8063	80.7835	MH	0.9	2.0	7.5	2.18	0.26	8.31	1467.	49.	0.
1303	0000	-672	37.8063	80.7841	MH	0.9	2.0	7.6	2.28	0.27	8.49	1464.	48.	0.
1304	0000	-671	37.8063	80.7847	MH	0.9	2.1	7.3	2.30	0.29	7.94	1446.	49.	0.
1305	0000	-671	37.8063	80.7853	MH	0.9	1.9	7.1	2.07	0.27	7.65	1411.	49.	0.
1306	0000	-669	37.8063	80.7859	MH	0.9	2.0	6.9	2.19	0.29	7.65	1403.	48.	0.
1307	0000	-671	37.8063	80.7865	MH	0.9	2.1	7.0	2.33	0.30	7.87	1417.	49.	0.
1308	0000	-676	37.8063	80.7872	MH	0.9	2.2	7.0	2.47	0.31	8.02	1431.	47.	0.
1309	0000	-676	37.8063	80.7877	MH	0.9	2.1	6.8	2.29	0.31	7.38	1462.	49.	1.
1310	0000	-676	37.8063	80.7884	MH	1.0	2.1	6.7	2.10	0.32	6.66	1484.	49.	1.
1311	0000	-676	37.8063	80.7890	MH	1.0	1.9	7.0	1.91	0.28	6.92	1506.	46.	1.
1312	0000	-672	37.8063	80.7896	MH	1.1	2.0	7.2	1.86	0.27	6.78	1560.	46.	2.
1313	0000	-673	37.8063	80.7902	MH	1.1	2.0	7.7	1.77	0.26	6.84	1616.	48.	4.
1314	0000	-677	37.8063	80.7908	MH	1.2 +	1.9	7.8	1.59	0.24	6.54	1633.	49.	5.
1315	0000	-677	37.8063	80.7914	MH	1.2 +	1.6	7.9	1.31 -	0.20	6.43 -	1661.	49.	7.
1316	0000	-678	37.8063	80.7920	MH	1.2 +	1.5	8.4 +	1.25 -	0.18 -	6.94	1683.	47.	8.
1317	0000	-677	37.8063	80.7926	MH	1.2 +	1.5	8.3 +	1.30 -	0.18 -	7.15	1683.	48.	9.
1318	0000	-673	37.8063	80.7932	MH	1.1	1.4	8.7 +	1.23 -	0.16 -	7.71	1692.	51.	10.
1319	0000	-677	37.8063	80.7939	MH	1.1	1.5	8.9 +	1.32 -	0.17 -	8.00	1698.	49.	9.
1320	0000	-682	37.8063	80.7945	MH	1.1	1.4	8.7 +	1.21 -	0.16 -	7.75	1658.	48.	8.
1321	0000	-678	37.8063	80.7950	MH	1.1	1.4	8.6 +	1.31 -	0.17 -	7.87	1635.	49.	7.
1322	0000	-678	37.8063	80.7957	MH	1.1	1.6	8.2 +	1.53	0.20 -	7.80	1597.	50.	5.
1323	0000	-681	37.8063	80.7963	MH	1.0	1.8	7.9	1.79	0.23	7.75	1559.	50.	4.
1324	0000	-681	37.8063	80.7969	MH	1.0	1.9	8.3 +	1.83	0.22	8.17	1551.	50.	4.
1325	0000	-680	37.8063	80.7975	MH	1.1	2.1	8.2 +	1.98	0.26	7.71	1571.	50.	3.
1326	0000	-677	37.8063	80.7982	MH	1.1	2.0	8.0	1.87	0.25	7.38	1562.	51.	4.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-675	37.8063	80.7988	MH	1.1	2.2	7.9	2.06	0.27	7.52	1582.	51.	4.
1328	0000	-680	37.8063	80.7993	MH	1.1	2.2	8.1 +	2.06	0.27	7.75	1609.	52.	5.
1329	0000	-683	37.8063	80.8000	MH	1.1	2.1	8.4 +	1.96	0.25	7.81	1645.	49.	4.
1330	0000	-678	37.8063	80.8006	MH	1.1	2.0	8.7 +	1.81	0.23	7.94	1666.	49.	4.
1331	0000	-681	37.8063	80.8012	MH	1.1	1.9	8.3 +	1.71	0.23	7.51	1658.	50.	4.
1332	0000	-685	37.8063	80.8018	MH	1.1	2.0	7.9	1.83	0.25	7.35	1617.	49.	3.
1333	0000	-680	37.8063	80.8024	MH	1.0	1.9	8.0	1.83	0.24	7.67	1601.	49.	3.
1334	0000	-681	37.8063	80.8030	MH	1.1	1.8	8.0	1.71	0.23	7.54	1576.	49.	2.
1335	0000	-684	37.8063	80.8037	MH	1.1	1.8	8.1 +	1.68	0.22	7.55	1554.	47.	2.
1336	0000	-678	37.8063	80.8042	MH	1.1	1.7	8.1 +	1.58	0.21	7.57	1529.	48.	2.
1337	0000	-680	37.8063	80.8048	MH	1.1	1.7	8.4 +	1.50	0.20	7.48	1550.	49.	2.
1338	0000	-686	37.8063	80.8055	MH	1.2 +	1.7	8.7 +	1.50	0.20 -	7.54	1620.	49.	2.
1339	0000	-684	37.8063	80.8061	MH	1.2 +	1.5	8.8 +	1.26 -	0.17 -	7.24	1663.	50.	2.
1340	0000	-680	37.8063	80.8067	MH	1.2 +	1.7	8.8 +	1.36 -	0.19 -	7.22	1677.	50.	2.
1341	0000	-682	37.8063	80.8073	MH	1.2 +	1.6	9.0 +	1.26 -	0.17 -	7.27	1679.	50.	2.
1342	0000	-683	37.8063	80.8079	MH	1.2 +	1.6	8.4 +	1.29 -	0.19 -	6.91	1659.	53.	3.
1343	0000	-680	37.8063	80.8085	MH	1.2 +	1.9	8.7 +	1.62	0.22	7.43	1670.	53.	2.
1344	0000	-678	37.8064	80.8091	MH	1.1 +	1.8	8.4 +	1.55	0.21	7.41	1660.	52.	3.
1345	0000	-685	37.8064	80.8097	MH	1.1	1.6	8.5 +	1.45	0.19 -	7.69	1616.	51.	4.
1346	0000	-688	37.8064	80.8103	MH	1.1	1.6	8.5 +	1.53	0.19 -	7.96	1586.	50.	4.
1347	0000	-682	37.8064	80.8110	MH	1.1	1.5	8.5 +	1.43 -	0.18 -	7.89	1597.	49.	6.
1348	0000	-683	37.8064	80.8116	MH	1.1	1.7	8.5 +	1.55	0.20 -	7.83	1650.	47.	7.
1349	0000	-688	37.8064	80.8122	MH	1.2 +	1.4	9.0 +	1.24 -	0.16 -	7.83	1694.	46.	8.
1350	0000	-688	37.8064	80.8128	MH	1.1 +	1.2 -	8.6 +	1.06 -	0.14 --	7.46	1680.	47.	10.
1351	0000	-687	37.8064	80.8135	MH	1.1 +	1.2 -	8.5 +	1.01 -	0.14 --	7.43	1649.	48.	11.
1352	0000	-682	37.8064	80.8140	MH	1.1 +	1.1 -	8.4 +	1.01 -	0.14 --	7.43	1628.	48.	11.
1353	0000	-678	37.8064	80.8146	MH	1.2 +	1.1 -	8.8 +	1.00 -	0.13 --	7.65	1651.	45.	11.
1354	0000	-679	37.8064	80.8152	MH	1.1	1.1 -	8.7 +	0.95 -	0.12 --	7.69	1638.	47.	11.
1355	0000	-679	37.8064	80.8158	MH	1.1	1.1 -	8.6 +	0.96 -	0.12 --	7.84	1611.	47.	11.
1356	0000	-682	37.8064	80.8165	MH	1.0	1.1 -	8.3 +	1.10 -	0.14 --	8.01	1596.	47.	11.
1357	0000	-687	37.8064	80.8170	MH	1.0	1.3 -	8.2 +	1.23 -	0.16 -	7.88	1615.	47.	11.
1358	0000	-681	37.8064	80.8177	MH	1.0	1.5	7.9	1.48	0.19 -	7.61	1637.	48.	11.
1359	0000	-682	37.8064	80.8183	MH	1.0	1.6	7.7	1.53	0.21	7.36	1650.	50.	12.
1360	0000	-689	37.8064	80.8188	MH	1.0	1.7	7.1	1.65	0.24	6.89	1630.	51.	13.
1361	0000	-685	37.8064	80.8195	MH	1.0	1.8	7.3	1.79	0.24	7.30	1630.	49.	13.
1362	0000	-680	37.8064	80.8202	MH	1.0	1.7	7.3	1.67	0.23	7.15	1625.	50.	13.
1363	0000	-684	37.8064	80.8208	MH	1.0	2.0	7.0	1.98	0.29	6.94	1633.	47.	12.
1364	0000	-693	37.8064	80.8214	MH	1.0	1.9	7.4	1.84	0.26	7.05	1615.	48.	13.
1365	0000	-693	37.8064	80.8220	MH	1.0	1.7	7.6	1.67	0.23	7.38	1599.	47.	12.
1366	0000	-686	37.8064	80.8227	MH	1.0	1.9	7.5	1.92	0.26	7.52	1592.	45.	11.
1367	0000	-689	37.8064	80.8233	MH	1.0	1.7	7.5	1.79	0.23	7.72	1583.	49.	10.
1368	0000	-695	37.8064	80.8239	MH	1.0	1.8	7.5	1.79	0.24	7.41	1597.	47.	8.
1369	0000	-690	37.8065	80.8246	MH	1.0	1.9	7.5	1.94	0.25	7.61	1596.	49.	8.
1370	0000	-683	37.8065	80.8251	MH	1.0	1.7	7.8	1.68	0.22	7.67	1591.	51.	6.
1371	0000	-688	37.8065	80.8258	MH	1.0	1.9	7.6	1.79	0.25	7.30	1605.	50.	5.
1372	0000	-691	37.8065	80.8265	MH	1.1	2.0	7.9	1.83	0.26	7.14	1634.	49.	3.
1373	0000	-682	37.8065	80.8271	MH	1.1 +	2.0	7.9	1.74	0.25	6.88	1662.	51.	3.
1374	0000	-684	37.8065	80.8277	MH	1.2 +	2.2	8.3 +	1.76	0.26	6.68	1708.	48.	1.
1375	0000	-695	37.8065	80.8284	MH	1.3 +	2.2	8.2 +	1.76	0.27	6.52	1740.	49.	2.
1376	0000	-688	37.8065	80.8289	MH	1.3 +	2.4 +	8.3 +	1.85	0.29	6.43 -	1787.	48.	1.
1377	0000	-678	37.8066	80.8296	MH	1.4 +	2.6 +	8.1 +	1.91	0.32	5.99 -	1826.	47.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-685	37.8066	80.8302	MH	1.4 +	2.5 +	8.7 +	1.83	0.29	6.33 -	1853.	50.	1.
1379	0000	-689	37.8066	80.8308	MH	1.3 +	2.6 +	8.5 +	1.90	0.30	6.30 -	1857.	48.	1.
1380	0000	-685	37.8066	80.8315	MH	1.3 +	2.5 +	8.2 +	1.86	0.30	6.15 -	1828.	48.	1.
1381	0000	-684	37.8067	80.8322	MH	1.3 +	2.3 +	8.1 +	1.77	0.29	6.11 -	1813.	48.	1.
1382	0000	-686	37.8067	80.8327	MH	1.3 +	2.4 +	7.8	1.85	0.31	6.06 -	1767.	51.	1.
1383	0000	-694	37.8067	80.8333	MH	1.3 +	[illegible] +	7.6	1.82	0.30	6.04 -	1721.	50.	1.
1384	0000	-695	37.8067	80.8340	MH	1.2 +	[illegible]	7.8	1.77	0.26	6.73	1659.	51.	1.
1385	0000	-686	37.8067	80.8346	MH	1.1	2.0	7.2	1.82	0.27	6.74	1576.	49.	1.
1386	0000	-694	37.8067	80.8353	MH	1.0	1.6	6.8	1.59	0.24	6.66	1493.	50.	2.
1387	0000	-698	37.8067	80.8358	MH	1.0	1.5	6.8	1.57	0.22	7.09	1453.	50.	3.
1388	0000	-687	37.8067	80.8364	MH	0.9	1.6	6.7	1.80	0.23	7.70	1384.	52.	3.
1389	0000	-689	37.8068	80.8371	MH	0.9	1.4	6.7	1.67	0.21	7.81	1358.	50.	3.
1390	0000	-694	37.8068	80.8378	MH	0.8	1.3	6.3	1.60	0.20	7.95	1312.	52.	4.
1391	0000	-693	37.8068	80.8383	MH	0.8	1.4	6.1	1.77	0.22	7.94	1296.	50.	5.
1392	0000	-695	37.8068	80.8390	MH	0.8	1.3	6.0	1.62	0.22	7.26	1298.	51.	5.
1393	0000	-691	37.8068	80.8396	MH	0.8	1.5	6.1	1.76	0.24	7.22	1310.	52.	5.
1394	0000	-692	37.8069	80.8402	MH	0.8	1.6	6.5	1.89	0.24	7.75	1324.	52.	5.
1395	0000	-698	37.8069	80.8409	MH	0.8	1.5	6.8	1.78	0.22	8.14	1358.	50.	6.
1396	0000	-696	37.8069	80.8416	MH	0.8	1.5	6.9	1.80	0.21	8.39	1376.	49.	7.
1397	0000	-695	37.8069	80.8421	MH	0.9	1.5	7.3	1.64	0.20	8.11	1439.	47.	7.
1398	0000	-690	37.8069	80.8427	MH	0.9	1.5	7.5	1.62	0.21	7.91	1494.	48.	7.
1399	0000	-690	37.8069	80.8434	MH	1.0	1.7	7.7	1.80	0.23	7.97	1558.	49.	7.
1400	0000	-699	37.8069	80.8440	MH	1.0	1.6	8.2 +	1.54	0.20 -	7.84	1624.	50.	7.
1401	0000	-693	37.8069	80.8447	MH	1.1	1.8	8.0	1.66	0.23	7.37	1658.	50.	6.
1402	0000	-689	37.8070	80.8453	MH	1.2 +	1.8	7.8	1.58	0.23	6.75	1677.	49.	5.
1403	0000	-699	37.8070	80.8459	MH	1.2 +	1.8	7.9	1.58	0.23	6.78	1672.	50.	4.
1404	0000	-704	37.8070	80.8465	MH	1.1	1.9	7.8	1.66	0.24	7.01	1626.	54.	3.
1405	0000	-701	37.8070	80.8472	MH	1.1	1.8	7.7	1.66	0.24	6.93	1596.	55.	3.
1406	0000	-698	37.8070	80.8478	MH	1.1	1.8	7.9	1.67	0.23	7.24	1586.	50.	2.
1407	0000	-702	37.8070	80.8484	MH	1.1	2.1	7.7	1.96	0.27	7.32	1591.	50.	2.
1408	0000	-703	37.8070	80.8491	MH	1.1	2.0	8.0	1.82	0.24	7.51	1599.	49.	1.
1409	0000	-695	37.8070	80.8496	MH	1.0	2.1	8.0	2.02	0.26	7.75	1606.	49.	1.
1410	0000	-699	37.8071	80.8503	MH	1.0	2.1	7.9	2.07	0.26	7.85	1586.	48.	1.
1411	0000	-704	37.8071	80.8509	MH	1.0	2.0	8.1 +	1.94	0.25	7.82	1604.	46.	1.
1412	0000	-696	37.8071	80.8515	MH	1.0	1.9	8.4 +	1.93	0.23	8.38	1613.	45.	1.
1413	0000	-697	37.8071	80.8522	MH	1.0	1.9	8.4 +	1.94	0.23	8.55	1589.	47.	1.
1414	0000	-702	37.8072	80.8528	MH	0.9	1.8	8.3 +	1.88	0.21	8.90	1556.	46.	2.
1415	0000	-700	37.8072	80.8534	MH	1.0	1.6	8.6 +	1.66	0.19 -	8.85	1541.	46.	3.
1416	0000	-703	37.8072	80.8540	MH	1.0	1.4	9.0 +	1.49	0.16 -	9.32	1537.	47.	4.
1417	0000	-706	37.8072	80.8547	MH	1.0	1.5	9.0 +	1.58	0.17 -	9.26	1561.	46.	5.
1418	0000	-704	37.8072	80.8554	MH	0.9	1.6	8.9 +	1.65	0.17 -	9.47	1561.	46.	6.
1419	0000	-704	37.8072	80.8559	MH	0.9	1.5	8.7 +	1.56	0.17 -	9.23	1532.	47.	8.
1420	0000	-701	37.8072	80.8566	MH	0.9	1.2 -	8.3 +	1.33 -	0.15 --	8.96	1501.	48.	9.
1421	0000	-703	37.8072	80.8572	MH	0.9	1.3	7.9	1.41 -	0.17 -	8.49	1471.	48.	9.
1422	0000	-707	37.8073	80.8578	MH	0.9	1.2 -	7.2	1.33 -	0.17 -	7.69	1464.	47.	9.
1423	0000	-704	37.8073	80.8585	MH	0.9	1.2 -	6.7	1.29 -	0.18 -	7.13	1458.	46.	9.
1424	0000	-699	37.8073	80.8591	MH	1.0	1.1 -	6.4	1.06 -	0.17 -	6.41 -	1447.	49.	9.
1425	0000	-705	37.8073	80.8597	MH	1.0	1.2 -	6.2	1.16 -	0.19 -	6.04 -	1432.	48.	7.
1426	0000	-712	37.8073	80.8603	MH	1.0	1.2 -	5.9	1.17 -	0.21	5.65 -	1428.	48.	6.
1427	0000	-708	37.8073	80.8610	MH	1.0	1.2 -	5.9	1.17 -	0.21	5.61 -	1418.	48.	5.
1428	0000	-700	37.8073	80.8616	MH	1.0	1.2 -	6.3	1.17 -	0.19 -	6.06 -	1395.	49.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-701	37.8073	80.8622		MH	0.9	1.2 -	6.3	1.32 -	0.20 -	6.70	1330.	51.	3.
1430	0000	-702	37.8073	80.8629		MH	0.9	1.2 -	6.0	1.38 -	0.20 -	6.89	1250.	52.	3.
1431	0000	-707	37.8074	80.8634		MH	0.7	1.3 -	6.1	1.68	0.21 -	8.19	1185.	50.	3.
1432	0000	-715	37.8074	80.8641		MBP	0.7	1.1 -	6.0	1.67	0.19 -	9.02	1111.	51.	3.
1433	0000	-713	37.8074	80.8647		MBP	0.6	1.0 -	6.2	1.75	0.17 -	10.31	1067.	51.	3.
1434	0000	-706	37.8074	80.8654		MBP	0.6	1.1 -	6.0	1.85	0.18 -	10.23	1034.	51.	3.
1435	0000	-709	37.8075	80.8660		MBP	0.6	1.0 -	6.0	1.75	0.17 -	10.23	1021.	51.	3.
1436	0000	-712	37.8075	80.8667		MBP	0.6	1.0 -	6.0	1.63	0.18 -	9.31	1028.	51.	3.
1437	0000	-705	37.8075	80.8672		MBP	0.6	1.2	6.2	1.91	0.20 -	9.64	1068.	52.	3.
1438	0000	-710	37.8075	80.8679		MBP	0.7	1.3	6.2	1.87	0.20	9.16	1118.	54.	3.
1439	0000	-721	37.8075	80.8685		MBP	0.7	1.4	6.2	1.83	0.22	8.24	1159.	55.	3.
1440	0000	-715	37.8075	80.8691		MBP	0.8	1.3	5.8	1.58	0.23	6.88 -	1194.	56.	3.
1441	0000	-714	37.8075	80.8697		MBP	0.8	1.4	6.0	1.74	0.24	7.20	1232.	57.	2.
1442	0000	-720	37.8075	80.8704		MBP	0.8	1.6	5.6	1.91	0.28	6.76 -	1265.	58.	3.
1443	0000	-714	37.8076	80.8710		MBP	0.8	1.7	5.5	2.18	0.30	7.15	1284.	55.	3.
1444	0000	-709	37.8076	80.8717		MBP	0.8	1.6	5.1	2.11	0.31	6.83 -	1237.	56.	3.
1445	0000	-714	37.8076	80.8723		MBP	0.8	1.5	4.9	1.97	0.30	6.52 -	1182.	55.	2.
1446	0000	-719	37.8076	80.8728		MBP	0.7	1.4	5.0	1.96	0.27	7.17	1153.	52.	2.
1447	0000	-719	37.8076	80.8735		MBP	0.6	1.6	5.0	2.76	0.33	8.39	1118.	52.	1.
1448	0000	-715	37.8076	80.8742		MBP	0.6	1.6	4.9	2.77	0.33	8.32	1111.	54.	1.
1449	0000	-716	37.8076	80.8748		MBP	0.6	1.6	4.8 -	2.89	0.34	8.50	1076.	55.	0.
1450	0000	-718	37.8076	80.8754		MBP	0.6	1.5	4.7 -	2.62	0.32	8.10	1052.	56.	0.
1451	0000	-714	37.8077	80.8761		MBP	0.6	1.4	4.8 -	2.38	0.29	8.18	1079.	55.	1.
1452	0000	-724	37.8077	80.8766		MBP	0.6	1.6	4.9	2.80	0.32	8.85	1091.	57.	1.
1453	0000	-724	37.8077	80.8773		MBP	0.5	1.5	5.0	2.74	0.29	9.37	1118.	57.	2.
1454	0000	-710	37.8077	80.8779		MBP	0.6	1.2	5.3	2.17	0.23	9.40	1127.	56.	4.
1455	0000	-717	37.8078	80.8785		MBP	0.5	1.0 -	5.5	1.89	0.18 -	10.34	1108.	55.	5.
1456	0000	-728	37.8078	80.8792		MBP	0.5	1.0 -	5.7	1.78	0.17 -	10.60	1130.	54.	7.
1457	0000	-722	37.8078	80.8799		MBP	0.5	1.0 -	5.7	1.98	0.18 -	11.03 +	1142.	56.	9.
1458	0000	-722	37.8078	80.8804		MBP	0.5	0.9 -	5.6	1.79	0.16 -	10.94 +	1130.	56.	10.
1459	0000	-728	37.8078	80.8810		MBP	0.5	0.9 -	6.0	1.71	0.15 --	11.39 +	1146.	54.	10.
1460	0000	-729	37.8078	80.8817		MBP	0.6	1.2 -	6.0	2.04	0.19 -	10.62	1165.	56.	9.
1461	0000	-722	37.8078	80.8823		PPP	0.6 -	1.2 -	6.3	2.09	0.19 -	10.82 ++	1213.	55.	8.
1462	0000	-718	37.8078	80.8830		PPP	0.6 -	1.4	6.5	2.28	0.21 -	10.81 ++	1244.	55.	7.
1463	0000	-728	37.8078	80.8836		PPP	0.6 -	1.5	6.8	2.39	0.22 -	11.11 ++	1247.	56.	5.
1464	0000	-732	37.8079	80.8842		PPP	0.6 -	1.6	7.0	2.49 +	0.22	11.08 ++	1254.	53.	4.
1465	0000	-725	37.8079	80.8848		PPP	0.7	1.6	7.2	2.29	0.22	10.43 ++	1272.	55.	3.
1466	0000	-727	37.8079	80.8855		PPP	0.7	1.7	6.9	2.34	0.24	9.65 ++	1281.	56.	3.
1467	0000	-731	37.8079	80.8861		PPP	0.7	1.6	6.9	2.25	0.23	9.66 ++	1280.	56.	3.
1468	0000	-731	37.8079	80.8867		PPP	0.7	1.9	6.7	2.67 +	0.28	9.50 +	1259.	58.	3.
1469	0000	-727	37.8079	80.8873		PPP	0.7	1.8	6.7	2.50 +	0.28	9.05 +	1280.	58.	3.
1470	0000	-725	37.8079	80.8879		PPP	0.8	1.9	6.8	2.44	0.28	8.87 +	1308.	58.	4.
1471	0000	-728	37.8079	80.8886		PPP	0.8	1.8	6.9	2.32	0.26	9.06 +	1338.	57.	5.
1472	0000	-726	37.8080	80.8892		PPP	0.7	2.0	7.1	2.81 +	0.27	10.30 ++	1357.	52.	5.
1473	0000	-726	37.8080	80.8899		PPP	0.7	1.9	7.3	2.66 +	0.26	10.21 ++	1368.	52.	5.
1474	0000	-736	37.8080	80.8904		PPP	0.7	1.9	7.3	2.54 +	0.26	9.93 ++	1386.	53.	5.
1475	0000	-736	37.8080	80.8911		MBP	0.8	1.6	7.5 +	1.98	0.21	9.42	1409.	51.	5.
1476	0000	-733	37.8081	80.8917		MBP	0.8	1.7	7.3	2.02	0.23	8.93	1412.	50.	5.
1477	0000	-736	37.8081	80.8923		MBP	0.8	1.7	7.2	2.10	0.23	9.05	1402.	50.	5.
1478	0000	-735	37.8081	80.8930		MBP	0.8	1.7	7.4	2.07	0.23	8.95	1390.	49.	4.
1479	0000	-736	37.8081	80.8937		MBP	0.9	1.7	7.2	1.94	0.24	8.17	1390.	52.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-739	37.8081	80.8942		MBP	0.9	1.7	7.2	1.85	0.23	7.89	1417.	51.	2.
1481	0000	-743	37.8081	80.8949		MBP	0.9	1.8	7.3	2.01	0.25	8.08	1422.	50.	1.
1482	0000	-743	37.8081	80.8955		MBP	0.9	2.0	7.1	2.17	0.28	7.82	1427.	50.	0.
1483	0000	-733	37.8081	80.8961		MBP	0.8	2.0	7.2	2.43	0.28	8.56	1402.	49.	0.
1484	0000	-733	37.8082	80.8968		MBP	0.8	1.9	7.1	2.25	0.27	8.34	1383.	49.	0.
1485	0000	-743	37.8082	80.8974		MBP	0.8	2.0	6.7	2.46	0.29	8.39	1339.	51.	0.
1486	0000	-743	37.8082	80.8980		MBP	0.8	2.1 +	6.3	2.85	0.34	8.34	1308.	51.	0.
1487	0000	-746	37.8082	80.8986		MBP	0.7	2.2 +	6.1	3.26	0.36 +	8.95	1261.	51.	0.
1488	0000	-744	37.8082	80.8993		MBP	0.6	2.1	5.5	3.39 +	0.38 +	8.87	1204.	52.	1.
1489	0000	-735	37.8082	80.8999		MH	0.5	2.0	5.5	3.57 +	0.35 +	10.12	1149.	52.	2.
1490	0000	-741	37.8082	80.9005		MH	0.5	1.7	5.2 -	3.06	0.32	9.53	1108.	55.	2.
1491	0000	-747	37.8082	80.9012		MH	0.5 -	1.6	4.9 -	3.14	0.33	9.47	1071.	57.	3.
1492	0000	-743	37.8082	80.9018		MH	0.5 -	1.4	5.1 -	2.76	0.28	9.70	1083.	56.	3.
1493	0000	-742	37.8083	80.9024		MH	0.5 -	1.4	5.1 -	2.68	0.27	9.81	1070.	56.	4.
1494	0000	-745	37.8083	80.9031		MH	0.5 -	1.3	5.0 -	2.75	0.26	10.42	1025.	59.	4.
1495	0000	-748	37.8083	80.9037		MH	0.5 -	1.3	5.2 -	2.50	0.25	10.05	993.	58.	4.
1496	0000	-747	37.8083	80.9043		MH	0.5 -	1.3	5.0 -	2.59	0.26	9.85	971.	57.	3.
1497	0000	-748	37.8083	80.9049		MH	0.5 -	1.3 -	4.7 -	2.48	0.27	9.15	951.	55.	3.
1498	0000	-751	37.8083	80.9055		MH	0.5	1.5	4.7 -	2.66	0.31	8.54	981.	52.	2.
1499	0000	-746	37.8084	80.9062		MH	0.5 -	1.6	4.6 -	3.11	0.35 +	8.82	999.	50.	3.
1500	0000	-746	37.8084	80.9068		MH	0.5 -	1.4	4.9 -	2.66	0.28	9.51	1007.	49.	3.
1501	0000	-752	37.8084	80.9074		MH	0.6	1.3	4.8 -	2.13	0.27	7.93	1036.	47.	3.
1502	0000	-750	37.8084	80.9081		MH	0.6	1.3 -	5.1 -	1.96	0.25	7.95	1072.	46.	2.
1503	0000	-751	37.8084	80.9087		MH	0.7	1.2 -	5.4	1.86	0.23	8.09	1108.	49.	3.
1504	0000	-757	37.8084	80.9093		MH	0.7	1.2 -	6.0	1.59	0.19 -	8.22	1154.	53.	3.
1505	0000	-755	37.8085	80.9100		MH	0.8	1.1 -	6.2	1.39 -	0.17 -	8.17	1179.	55.	4.
1506	0000	-752	37.8085	80.9106		MH	0.8	1.2 -	6.3	1.46	0.19 -	7.61	1206.	55.	4.
1507	0000	-756	37.8085	80.9112		MH	0.9	1.5	6.5	1.63	0.24	6.92	1271.	56.	3.
1508	0000	-759	37.8085	80.9118		MH	1.0	1.5	7.5	1.48	0.20	7.28	1356.	56.	3.
1509	0000	-755	37.8085	80.9125		MH	1.1	1.5	8.1 +	1.39 -	0.19 -	7.32	1465.	58.	3.
1510	0000	-751	37.8085	80.9131		MH	1.2 +	1.5	8.6 +	1.26 -	0.18 -	7.09	1589.	54.	2.
1511	0000	-751	37.8085	80.9137		MH	1.3 +	1.8	8.9 +	1.37 -	0.20	6.70	1690.	51.	1.
1512	0000	-751	37.8085	80.9144		MH	1.3 +	1.9	9.2 +	1.43 -	0.21	6.83	1734.	52.	1.
1513	0000	-754	37.8086	80.9149		MH	1.4 ++	1.7	9.6 ++	1.18 -	0.18 -	6.66	1787.	52.	1.
1514	0000	-760	37.8086	80.9156		MH	1.4 ++	1.6	9.7 ++	1.09 -	0.16 -	6.81	1802.	53.	1.
1515	0000	-758	37.8086	80.9162		MH	1.4 +	1.5	9.5 ++	1.13 -	0.16 -	6.92	1798.	51.	1.
1516	0000	-751	37.8086	80.9168		MH	1.3 +	1.7	9.0 +	1.29 -	0.19 -	6.80	1763.	49.	2.
1517	0000	-753	37.8087	80.9175		MH	1.3 +	1.7	8.4 +	1.37 -	0.21	6.66	1689.	49.	4.
1518	0000	-759	37.8087	80.9182		MH	1.1	1.6	8.4 +	1.44	0.19 -	7.54	1625.	50.	5.
1519	0000	-761	37.8087	80.9187		MH	1.1	1.5	8.2 +	1.42 -	0.18 -	7.78	1576.	48.	7.
1520	0000	-767	37.8087	80.9194		MH	0.9	1.6	7.7	1.77	0.21	8.22	1508.	49.	8.
1521	0000	-769	37.8087	80.9200		MH	0.9	1.6	7.5	1.78	0.21	8.27	1464.	48.	9.
1522	0000	-762	37.8087	80.9206		MH	0.8	1.6	6.6	1.94	0.25	7.84	1400.	49.	10.
1523	0000	-760	37.8087	80.9212		MH	0.9	1.1 -	6.1	1.27 -	0.18 -	7.05	1351.	49.	10.
1524	0000	-762	37.8087	80.9219		MH	0.9	0.9 -	6.1	1.07 -	0.15 --	7.13	1291.	51.	9.
1525	0000	-756	37.8087	80.9225		(WATER)	0.8	1.1	5.6	1.40	0.20	6.97	1223.	50.	8.
1526	0000	-752	37.8088	80.9230		(WATER)	0.8	1.2	5.4	1.55	0.22	7.20	1154.	50.	8.
1527	0000	-756	37.8088	80.9236		(WATER)	0.8	0.9	5.3	1.17	0.18	6.63	1108.	50.	6.
1528	0000	-765	37.8088	80.9241		(WATER)	0.8	1.0	5.7	1.28	0.17	7.49	1092.	48.	6.
1529	1000	-770	37.8088	80.9247		MH	0.8	1.0 -	6.3	1.16 -	0.15 -	7.57	1134.	47.	5.
1530	0000	-767	37.8088	80.9252		MH	0.8	1.2 -	6.9	1.55	0.18 -	8.59	1169.	46.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*	*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-769	37.8088	80.9258	MH	0.8	1.6	6.9	1.91	0.23	8.49	1231.	45.	4.
1532	0000	-772	37.8088	80.9263	MH	1.0	1.4	7.0	1.50	0.20	7.35	1315.	45.	4.
1533	0000	-765	37.8088	80.9269	MH	1.1	1.3	7.2	1.24 -	0.18 -	6.76	1400.	45.	4.
1534	0000	-762	37.8088	80.9274	MH	1.1	1.6	7.4	1.50	0.22	6.88	1474.	46.	4.
1535	0000	-770	37.8088	80.9280	MH	1.1	1.6	6.8	1.43 -	0.23	6.16 -	1501.	47.	4.
1536	0000	-772	37.8088	80.9285	MH	1.1	1.6	6.6	1.46	0.24	6.11 -	1462.	49.	3.
1537	0000	-770	37.8088	80.9291	MH	1.0	1.8	6.2	1.73	0.28	6.06 -	1419.	49.	2.
1538	0000	-777	37.8088	80.9296	MH	1.0	1.5	6.2	1.52	0.25	6.14 -	1364.	49.	1.
1539	0000	-778	37.8088	80.9301	MH	0.9	1.6	6.0	1.79	0.26	6.85	1294.	48.	1.
1540	0000	-769	37.8089	80.9307	MH	0.8	1.5	5.9	1.84	0.25	7.37	1247.	47.	0.
1541	0000	-770	37.8089	80.9312	MH	0.7	1.4	5.9	1.99	0.24	8.18	1199.	46.	0.
1542	0000	-774	37.8089	80.9318	MH	0.6	1.5	5.7	2.43	0.27	8.94	1142.	47.	0.
1543	0000	-771	37.8089	80.9323	MH	0.6	1.6	5.5	2.87	0.30	9.63	1099.	45.	0.
1544	0000	-768	37.8089	80.9329	MH	0.5 -	1.7	5.0 -	3.30	0.33	10.09	1054.	46.	1.
1545	0000	-765	37.8089	80.9334	MH	0.4 -	1.8	4.7 -	4.02 +	0.38 +	10.64	1016.	46.	2.
1546	0000	-767	37.8089	80.9340	MH	0.4 -	1.7	4.5 -	3.85 +	0.37 +	10.48	994.	47.	3.
1547	0000	-774	37.8089	80.9345	MH	0.4 -	1.9	4.1 -	5.17 ++	0.45 ++	11.49 +	973.	50.	5.
1548	0000	-773	37.8089	80.9351	MH	0.4 -	1.8	4.0 -	4.97 +	0.44 +	11.40 +	945.	51.	6.
1549	0000	-773	37.8089	80.9356	MH	0.4 -	1.8	4.1 -	4.97 +	0.43 +	11.49 +	956.	52.	6.
1550	0000	-777	37.8089	80.9361	MH	0.3 -	1.8	4.4 -	5.34 ++	0.41 +	12.87 +	993.	53.	6.
1551	0000	-774	37.8089	80.9367	MH	0.4 -	1.9	4.8 -	4.83 +	0.40 +	12.11 +	1045.	54.	6.
1552	0000	-770	37.8089	80.9372	MH	0.5 -	2.0	5.2 -	4.41 +	0.39 +	11.37 +	1111.	54.	4.
1553	0000	-776	37.8089	80.9378	MH	0.5 -	2.2 +	5.4	4.64 +	0.41 +	11.22 +	1157.	55.	3.
1554	0000	-782	37.8089	80.9383	MBP	0.6	2.3 +	5.6	4.15 +	0.41 +	10.09	1210.	53.	2.
1555	0000	-773	37.8089	80.9389	MBP	0.6	2.3 +	5.8	3.87 +	0.40 +	9.75	1236.	51.	1.
1556	0000	-771	37.8089	80.9394	MBP	0.6	2.3 +	6.1	3.82 +	0.37 +	10.27	1241.	51.	1.
1557	0000	-782	37.8089	80.9400	MBP	0.6	2.2 +	5.9	3.46 +	0.37 +	9.29	1231.	52.	1.
1558	0000	-781	37.8089	80.9405	MBP	0.6	2.1	5.8	3.26	0.36 +	8.97	1206.	51.	0.
1559	0000	-778	37.8089	80.9411	MBP	0.6	2.1	5.7	3.30	0.36 +	9.14	1164.	53.	0.
1560	0000	-782	37.8089	80.9416	MBP	0.6	1.9	5.6	3.03	0.35	8.74	1156.	51.	1.
1561	0000	-778	37.8089	80.9421	MBP	0.6	1.9	5.6	2.90	0.33	8.76	1118.	53.	0.
1562	0000	-781	37.8089	80.9427	MBP	0.6	1.9	5.4	2.98	0.35 +	8.45	1116.	55.	1.
1563	0000	-789	37.8089	80.9432	MBP	0.7	1.8	5.1	2.73	0.36 +	7.66	1130.	54.	1.
1564	0000	-780	37.8089	80.9438	MBP	0.7	1.7	5.3	2.50	0.32	7.82	1144.	55.	2.
1565	0000	-777	37.8089	80.9443	MBP	0.7	1.6	5.9	2.31	0.27	8.68	1164.	57.	2.
1566	0000	-786	37.8089	80.9449	PPP	0.7	1.5	5.9	2.06	0.26	7.94 +	1223.	54.	2.
1567	0000	-788	37.8089	80.9454	PPP	0.8	1.5	6.2	1.86	0.25	7.50	1267.	55.	2.
1568	0000	-785	37.8090	80.9460	PPP	0.9	1.5	6.3	1.76	0.24	7.20	1308.	57.	2.
1569	0000	-784	37.8090	80.9465	PPP	0.9	1.6	6.2	1.69	0.25	6.73	1338.	57.	2.
1570	0000	-785	37.8090	80.9471	PPP	1.0	1.5	6.2	1.60	0.25	6.42	1345.	57.	2.
1571	0000	-789	37.8090	80.9477	PPNR	1.0	1.8	6.1	1.81	0.30	6.11	1358.	56.	1.
1572	0000	-788	37.8090	80.9481	PPNR	1.0	1.9	5.6	1.83	0.33	5.53	1358.	54.	1.
1573	0000	-786	37.8090	80.9487	PPNR	1.0	2.0	5.6	2.05	0.35	5.87	1313.	55.	1.
1574	0000	-787	37.8090	80.9492	PPNR	0.9	1.9	5.5	2.23	0.35	6.41	1258.	54.	1.
1575	0000	-788	37.8090	80.9498	PPNR	0.8	1.8	5.3	2.23	0.34	6.50	1199.	53.	0.
1576	0000	-784	37.8090	80.9503	PPNR	0.8	1.7	5.2	2.21	0.32	6.90	1123.	53.	0.
1577	0000	-787	37.8090	80.9509	PPNR	0.7	1.5	5.1	2.34	0.30	7.75	1052.	54.	0.
1578	0000	-790	37.8090	80.9514	PPNR	0.6 -	1.3	5.0	2.24	0.26	8.64 +	981.	53.	1.
1579	0000	-782	37.8090	80.9520	PPNR	0.5 -	1.3	4.7	2.52	0.28	9.12 +	918.	54.	1.
1580	0000	-784	37.8090	80.9525	PPNR	0.5 -	1.1 -	4.5 -	2.49	0.25	9.87 ++	875.	53.	1.
1581	0000	-796	37.8090	80.9530	PPNR	0.4 -	1.1 -	4.2 -	2.54	0.26	9.83 ++	831.	53.	2.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-799	37.8090	80.9536	PPNR	0.4 -	1.1 -	4.1 -	2.99 +	0.28	10.77 ++	811.	53.	2.
1583	0000	-795	37.8090	80.9542	PPNR	0.3 -	1.1 -	4.3 -	3.18 +	0.25	12.65 +++	816.	54.	2.
1584	0000	-791	37.8090	80.9547	PPNR	0.4 -	0.9 -	4.4 -	2.61 +	0.21	12.21 +++	821.	55.	3.
1585	0000	-787	37.8090	80.9552	PPNR	0.4 -	0.9 -	4.3 -	2.36	0.20 -	11.83 +++	819.	56.	2.
1586	0000	-788	37.8090	80.9559	PPNR	0.4 -	0.7 -	4.5 -	1.94	0.16 --	12.35 +++	812.	58.	2.
1587	0000	-791	37.8090	80.9563	PPNR	0.4 -	0.8 -	4.3 -	2.18	0.18 -	11.91 +++	808.	59.	3.
1588	0000	-794	37.8090	80.9569	PPNR	0.4 -	0.9 -	4.3 -	2.53	0.22	11.72 +++	808.	60.	2.
1589	0000	-795	37.8090	80.9574	PPNR	0.4 -	1.0 -	4.0 -	2.57 +	0.24	10.82 ++	802.	62.	2.
1590	0000	-795	37.8090	80.9580	PPNR	0.4 -	1.0 -	3.9 -	2.62 +	0.26	10.01 ++	774.	60.	2.
1591	0000	-792	37.8090	80.9585	PPNR	0.4 -	1.2	3.6 -	3.27 +	0.33	9.83 ++	749.	60.	2.
1592	0000	-791	37.8090	80.9591	PPNR	0.3 -	1.3	3.2 -	3.70 ++	0.39 +	9.42 +	729.	60.	2.
1593	0000	-793	37.8090	80.9596	PPNR	0.3 -	1.4	3.0 --	3.96 ++	0.46 +	8.66 +	728.	59.	2.
1594	0000	-792	37.8090	80.9602	PPNR	0.3 -	1.2	3.0 --	3.61 ++	0.40 +	9.10 +	730.	59.	3.
1595	0000	-794	37.8090	80.9608	PPP	0.4 --	1.1 -	3.1 --	3.02 +	0.34	8.84 +	742.	55.	3.
1596	0000	-800	37.8090	80.9612	PPP	0.3 --	0.9 -	3.7 -	2.62 +	0.24	10.83 ++	757.	55.	4.
1597	0000	-796	37.8091	80.9619	PPP	0.4 --	1.1 -	3.8 -	2.97 +	0.28	10.58 ++	804.	55.	3.
1598	0000	-791	37.8091	80.9624	PPP	0.4 --	1.1 -	4.2 -	2.74 +	0.27	10.14 ++	861.	54.	3.
1599	0000	-797	37.8091	80.9629	PPP	0.5 --	1.2 -	4.5 -	2.62 +	0.27	9.77 ++	900.	53.	2.
1600	0000	-798	37.8091	80.9634	PPP	0.5 -	1.2 -	4.4 -	2.42	0.27	9.00 +	927.	54.	2.
1601	0000	-801	37.8091	80.9641	PPP	0.5 -	1.4	4.6 -	2.72 +	0.32	8.61 +	964.	55.	1.
1602	0000	-804	37.8091	80.9645	PPP	0.6 -	1.4	4.9 -	2.33	0.28	8.44 +	1013.	56.	1.
1603	0000	-799	37.8091	80.9651	PPP	0.6 -	1.5	4.8 -	2.31	0.30	7.59	1040.	54.	1.
1604	0000	-798	37.8091	80.9656	PPP	0.7 -	1.3 -	4.7 -	1.94	0.27	7.15	1041.	55.	2.
1605	0000	-805	37.8091	80.9662	PPP	0.7 -	1.4	4.5 -	2.04	0.30	6.77	1027.	55.	2.
1606	0000	-806	37.8091	80.9668	PPP	0.7 -	1.3 -	4.5 -	1.91	0.28	6.77	1037.	56.	2.
1607	0000	-803	37.8091	80.9673	PPP	0.6 -	1.4	4.9 -	2.15	0.28	7.61	1045.	58.	2.
1608	0000	-801	37.8091	80.9679	PPP	0.6 -	1.2 -	4.6 -	1.94	0.26	7.34	1031.	58.	3.
1609	0000	-802	37.8091	80.9684	PPP	0.6 -	1.4	4.3 -	2.45	0.33	7.38	1006.	61.	3.
1610	0000	-801	37.8091	80.9690	PPP	0.6 -	1.5	4.2 -	2.52 +	0.35	7.29	1008.	63.	4.
1611	0000	-802	37.8092	80.9695	PPP	0.5 -	1.7	4.3 -	3.15 +	0.38 +	8.20 +	1022.	66.	4.
1612	0000	-803	37.8092	80.9700	PPP	0.5 -	1.7	4.3 -	3.37 +	0.39 +	8.62 +	1036.	66.	4.
1613	0000	-799	37.8092	80.9706	PPP	0.5 -	1.7	4.5 -	3.48 ++	0.37 +	9.34 +	1033.	67.	4.
1614	0000	-799	37.8092	80.9711	PPNR	0.5 -	1.7	4.2 -	3.40 +	0.40 +	8.50 +	1039.	64.	4.
1615	0000	-800	37.8092	80.9716	PPNR	0.5 -	1.5	4.6	2.97 +	0.32	9.16 +	1030.	64.	4.
1616	0000	-798	37.8092	80.9722	PPNR	0.5 -	1.5	4.4 -	2.95 +	0.34	8.63 +	1024.	64.	4.
1617	0000	-808	37.8092	80.9728	PPNR	0.5 -	1.6	4.5 -	3.19 +	0.36	8.95 +	1030.	61.	4.
1618	0000	-811	37.8092	80.9733	PPNR	0.5 -	1.5	4.9	2.82 +	0.31	9.01 +	1038.	59.	4.
1619	0000	-804	37.8092	80.9739	PPNR	0.6 -	1.5	5.1	2.75 +	0.30	9.22 +	1041.	59.	3.
1620	0000	-804	37.8092	80.9744	PPNR	0.6 -	1.7	5.1	3.04 +	0.34	9.01 +	1062.	58.	4.
1621	0000	-804	37.8092	80.9750	PPNR	0.6 -	1.6	5.3	2.70 +	0.30	8.96 +	1071.	58.	3.
1622	0000	-806	37.8092	80.9755	PPNR	0.6 -	2.0	5.0	3.31 +	0.39 +	8.44 +	1100.	57.	3.
1623	0000	-808	37.8092	80.9760	PPNR	0.6 -	2.0	5.3	3.33 +	0.38 +	8.76 +	1121.	55.	2.
1624	0000	-802	37.8092	80.9765	PPNR	0.6 -	2.0	5.5	3.18 +	0.36	8.75 +	1116.	55.	2.
1625	0000	-806	37.8092	80.9771	PPNR	0.6	1.9	4.9	3.06 +	0.40 +	7.70	1114.	55.	3.
1626	0000	-805	37.8092	80.9777	PPNR	0.6 -	1.9	5.0	2.97 +	0.37	8.03 +	1109.	57.	3.
1627	0000	-805	37.8092	80.9782	PPNR	0.6 -	1.9	5.0	3.06 +	0.38 +	8.02 +	1121.	57.	4.
1628	0000	-815	37.8092	80.9788	PPNR	0.6 -	1.9	5.2	3.20 +	0.36	8.81 +	1122.	57.	4.
1629	0000	-815	37.8092	80.9793	PPNR	0.6 -	1.8	5.4	3.11 +	0.33	9.39 +	1106.	58.	5.
1630	0000	-810	37.8092	80.9799	PPNR	0.6 -	1.6	5.4	2.74 +	0.29	9.35 +	1099.	59.	6.
1631	0000	-811	37.8092	80.9804	PPNR	0.5 -	1.5	5.4	2.80 +	0.27	10.19 ++	1094.	60.	8.
1632	0000	-812	37.8092	80.9810	PPNR	0.5 -	1.7	5.3	3.46 +	0.32	10.89 ++	1077.	62.	7.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 . TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-811	37.8092	80.9815	PPNR	0.5 -	1.8	5.5	3.76 ++	0.33	11.53 ++	1065.	61.	6.
1634	0000	-804	37.8092	80.9820	PPNR	0.5 -	1.6	5.3	3.57 ++	0.31	11.49 ++	1032.	62.	6.
1635	0000	-805	37.8092	80.9826	PPNR	0.5 -	1.7	5.0	3.78 ++	0.34	11.16 ++	990.	61.	5.
1636	0000	-817	37.8092	80.9831	PPNR	0.4 -	1.5	5.3	3.32 +	0.28	11.86 +++	958.	63.	4.
1637	0000	-817	37.8092	80.9837	PPNR	0.4 -	1.7	5.0	4.44 ++	0.34	12.88 +++	913.	63.	3.
1638	0000	-810	37.8092	80.9842	PPNR	0.4 -	1.7	4.6	4.30 ++	0.38 +	11.38 ++	883.	62.	2.
1639	0000	-809	37.8092	80.9847	PPNR	0.4 -	1.4	4.5 -	3.71 ++	0.32	11.57 ++	848.	61.	2.
1640	0000	-810	37.8093	80.9853	PPNR	0.4 -	1.4	3.8 -	3.68 ++	0.36	10.11 ++	817.	59.	2.
1641	0000	-808	37.8093	80.9859	PPNR	0.4 -	1.3	3.8 -	3.22 +	0.34	9.60 +	795.	57.	2.
1642	0000	-807	37.8093	80.9864	PPNR	0.4 -	1.2	3.7 -	3.00 +	0.32	9.45 +	791.	57.	2.
1643	0000	-811	37.8093	80.9870	PPNR	0.4 -	1.3	3.1 --	3.37 +	0.42 +	8.01 +	794.	57.	2.
1644	0000	-820	37.8093	80.9875	PPNR	0.4 -	1.2	3.6 -	3.04 +	0.32	9.37 +	810.	58.	2.
1645	0000	-819	37.8093	80.9880	PPNR	0.4 -	1.4	3.8 -	3.21 +	0.36	8.94 +	829.	58.	1.
1646	0000	-812	37.8093	80.9886	PPNR	0.5 -	1.3	4.1 -	2.55	0.31	8.26 +	863.	59.	1.
1647	0000	-818	37.8093	80.9891	PPNR	0.5 -	1.2	4.3 -	2.42	0.29	8.28 +	879.	60.	1.
1648	0000	-819	37.8093	80.9897	PPNR	0.5 -	1.2	4.3 -	2.24	0.28	8.11 +	879.	63.	1.
1649	0000	-812	37.8093	80.9902	PPNR	0.5 -	1.2	4.2 -	2.30	0.30	7.78	881.	63.	1.
1650	0000	-821	37.8093	80.9907	PPNR	0.5 -	1.2	4.3 -	2.17	0.27	7.93 +	880.	61.	2.
1651	0000	-820	37.8093	80.9913	PPNR	0.6 -	1.2	4.0 -	2.25	0.32	7.11	873.	60.	2.
1652	0000	-805	37.8093	80.9919	PPNR	0.6 -	1.1 -	4.3 -	1.94	0.26	7.54	874.	59.	2.
1653	0000	-812	37.8093	80.9924	PPNR	0.6 -	1.1 -	4.0 -	1.86	0.27	6.93	878.	57.	2.
1654	0000	-824	37.8093	80.9930	PPNR	0.7	1.2	4.3 -	1.71	0.28	6.11	916.	55.	1.
1655	0000	-812	37.8093	80.9935	PPNR	0.7	1.3	4.3 -	1.77	0.30	5.90	959.	54.	1.
1656	0000	-810	37.8093	80.9940	PPNR	0.8	1.4	4.8	1.80	0.29	6.26	1012.	53.	1.
1657	0000	-819	37.8093	80.9946	PPP	0.8	1.6	5.2	1.87	0.30	6.25	1075.	53.	1.
1658	0000	-818	37.8093	80.9951	PPP	1.0	1.4	5.7	1.41	0.24	5.96	1136.	53.	1.
1659	0000	-814	37.8093	80.9957	PPP	1.0	1.2 -	5.8	1.22 -	0.20 -	5.93	1170.	53.	2.
1660	0000	-814	37.8093	80.9962	PPP	1.0	1.3	6.3	1.35	0.21 -	6.53	1211.	51.	2.
1661	0000	-815	37.8093	80.9967	PPP	0.9	1.2 -	6.5	1.30 -	0.19 -	7.01	1226.	53.	3.
1662	0000	-816	37.8093	80.9973	PPP	0.9	1.4	6.5	1.48	0.21 -	7.00	1250.	55.	3.
1663	0000	-818	37.8093	80.9979	PPP	1.0	1.2 -	6.4	1.27 -	0.19 -	6.60	1268.	53.	4.
1664	0000	-818	37.8093	80.9984	PPP	1.0	1.3	6.3	1.37	0.21 -	6.65	1264.	52.	4.
1665	0000	-816	37.8093	80.9990	PPP	0.9	1.5	6.1	1.71	0.25	6.92	1264.	50.	4.
1666	0000	-809	37.8093	80.9995	PPP	0.9	1.7	5.6	1.94	0.30	6.41	1260.	52.	4.
1667	0000	-809	37.8093	81.0000	PPP	0.9	1.8	5.3	1.91	0.33	5.74	1259.	53.	4.
1668	0000	-814	37.8094	81.0006	PPP	0.9	1.6	5.5	1.82	0.29	6.19	1250.	53.	5.
1669	0000	-817	37.8094	81.0012	PPP	0.8	1.4	5.6	1.60	0.24	6.69	1222.	54.	6.
1670	0000	-815	37.8094	81.0017	PPP	0.8	1.3	5.7	1.62	0.24	6.87	1205.	54.	7.
1671	0000	-813	37.8094	81.0022	PPP	0.9	1.0 -	5.6	1.14 -	0.17 -	6.63	1193.	54.	8.
1672	0000	-817	37.8094	81.0027	PPP	0.8	0.8 -	5.3	0.98 -	0.15 --	6.36	1167.	55.	9.
1673	0000	-816	37.8094	81.0033	PPP	0.8	0.7 --	5.4	0.90 --	0.13 --	6.68	1145.	54.	9.
1674	0000	-806	37.8094	81.0039	PPP	0.7	0.5 --	5.6	0.66 ---	0.09 ---	7.57	1115.	55.	10.
1675	0000	-814	37.8094	81.0044	PPP	0.8	0.4 --	5.4	0.46 ---	0.07 ---	6.94	1103.	57.	11.
1676	0000	-825	37.8094	81.0050	PPP	0.8	0.5 --	5.1	0.62 ---	0.10 ---	6.45	1106.	55.	10.
1677	0000	-814	37.8094	81.0055	MBP	0.7	0.6 --	5.1	0.88 --	0.12 --	7.12	1115.	55.	10.
1678	0000	-813	37.8094	81.0061	MBP	0.7	0.8 -	4.8 -	1.08 --	0.16 -	6.53 -	1132.	56.	10.
1679	0000	-819	37.8094	81.0066	MBP	0.8	0.8 -	5.2	1.04 --	0.16 -	6.66 -	1162.	55.	10.
1680	0000	-810	37.8094	81.0072	MBP	0.8	0.8 -	5.4	1.03 --	0.16 -	6.53 -	1215.	53.	10.
1681	0000	-812	37.8094	81.0077	MBP	0.8	1.1 -	5.6	1.33 -	0.20 -	6.69 -	1273.	51.	10.
1682	1000	-818	37.8095	81.0082	MBP	0.9	1.4	5.7	1.61	0.25	6.47 -	1344.	48.	9.
1683	1000	-813	37.8094	81.0087	MBP	0.9	1.3	6.1	1.43 -	0.21	6.68 -	1389.	47.	9.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	1000	-817	37.8094	81.0094		MH	1.0	1.2 -	6.4	1.20 -	0.18 -	6.59	1406.	48.	9.
1685	1000	-822	37.8094	81.0099		MH	1.0	1.1 -	6.8	1.07 -	0.16 -	6.79	1414.	47.	9.
1686	1000	-819	37.8094	81.0104		MH	1.0	1.0 -	6.8	0.98 -	0.14 --	6.93	1408.	49.	9.
1687	1000	-814	37.8094	81.0110		MH	1.0	1.0 -	6.9	1.00 -	0.14 --	6.96	1368.	52.	8.
1688	1000	-813	37.8094	81.0115		MH	0.9	1.2 -	6.5	1.35 -	0.19 -	7.17	1332.	53.	6.
1689	0000	-817	37.8094	81.0121		MH	0.9	1.0 -	6.5	1.10 -	0.15 --	7.33	1283.	54.	6.
1690	0000	-820	37.8094	81.0126		MH	0.8	1.2 -	6.1	1.47	0.20	7.36	1240.	57.	5.
1691	0000	-817	37.8094	81.0132		MH	0.9	1.2 -	5.8	1.36 -	0.21	6.62	1238.	57.	4.
1692	0000	-815	37.8094	81.0137		MH	0.8	1.5	5.9	1.76	0.25	6.98	1248.	56.	3.
1693	0000	-812	37.8094	81.0143		MH	0.8	1.5	5.8	1.84	0.26	7.05	1243.	57.	3.
1694	0000	-804	37.8094	81.0147		MH	0.8	1.6	5.8	1.84	0.27	6.85	1264.	54.	3.
1695	0000	-802	37.8094	81.0154		MBP	0.9	1.3	5.6	1.50 -	0.24	6.36	1263.	54.	3.
1696	0000	-807	37.8094	81.0159		MBP	0.9	1.7	5.7	1.86	0.29	6.41	1274.	54.	3.
1697	0000	-815	37.8095	81.0164		MBP	1.0	1.5	5.9	1.58 -	0.26	6.16	1306.	53.	2.
1698	0000	-815	37.8095	81.0170		MBP	0.9	1.6	6.0	1.64	0.26	6.34 -	1317.	54.	2.
1699	0000	-804	37.8095	81.0175		MBP	1.0 +	1.5	6.4	1.46 -	0.23	6.40 -	1348.	55.	2.
1700	0000	-805	37.8095	81.0181		PPP	1.1	1.8	6.7	1.64	0.26	6.28	1410.	55.	1.
1701	0000	-813	37.8095	81.0186		PPP	1.1	1.7	7.2	1.51	0.24	6.32	1469.	55.	1.
1702	0000	-804	37.8095	81.0192		PPP	1.3	1.7	7.6	1.38	0.23	6.01	1528.	56.	1.
1703	0000	-799	37.8095	81.0197		PPP	1.3	1.8	7.4	1.41	0.25	5.76	1590.	55.	1.
1704	0000	-804	37.8095	81.0203		PPP	1.4	1.8	8.0 +	1.37	0.23	5.93	1649.	58.	1.
1705	0000	-808	37.8095	81.0208		PPP	1.4 +	2.0	8.0 +	1.46	0.25	5.79	1695.	60.	1.
1706	0000	-815	37.8095	81.0214		PPP	1.4	1.9	7.9	1.42	0.24	5.80	1703.	61.	1.
1707	0000	-818	37.8095	81.0219		PPP	1.3	1.7	7.7	1.30 -	0.23	5.74	1684.	62.	3.
1708	0000	-811	37.8095	81.0225		PPP	1.3	2.0	7.5	1.57	0.27	5.80	1653.	64.	3.
1709	0000	-805	37.8095	81.0230		PPP	1.2	1.7	7.0	1.48	0.25	5.94	1553.	63.	4.
1710	0000	-807	37.8095	81.0235		PPP	1.1	1.5	6.6	1.39	0.22	6.17	1418.	62.	4.
1711	0000	-812	37.8096	81.0241		PPP	0.9	1.4	5.6	1.60	0.25	6.42	1277.	59.	5.
1712	0000	-809	37.8096	81.0246		PPP	0.8	1.1 -	5.1	1.42	0.22	6.48	1124.	57.	5.
1713	0000	-809	37.8096	81.0252		PPP	0.7 -	1.1 -	4.2 -	1.67	0.27	6.25	992.	54.	5.
1714	0000	-814	37.8096	81.0257		PPNR	0.6 -	1.0 -	3.7 -	1.68	0.27	6.31	876.	53.	5.
1715	0000	-808	37.8096	81.0263		PPNR	0.5 -	0.5 --	3.2 -	1.17 -	0.17 -	6.89	765.	56.	5.
1716	0000	-808	37.8096	81.0268		PPNR	0.4 -	0.7 -	3.1 --	1.63	0.21	7.60	741.	57.	5.
1717	0000	-816	37.8096	81.0274		PPNR	0.4 -	0.7 -	3.0 --	1.60	0.23	6.97	752.	59.	5.
1718	0000	-812	37.8096	81.0279		PPNR	0.5 -	0.6 --	2.9 --	1.26 -	0.21 -	5.98	767.	57.	6.
1719	0000	-808	37.8096	81.0285		PPNR	0.5 -	0.9 -	3.2 -	1.93	0.30	6.44	815.	59.	5.
1720	0000	-811	37.8096	81.0290		PPNR	0.6 -	1.0 -	3.7 -	1.74	0.27	6.46	874.	61.	4.
1721	0000	-807	37.8096	81.0296		PPNR	0.6 -	1.2	3.9 -	1.92	0.30	6.30	966.	61.	4.
1722	0000	-803	37.8096	81.0301		PPNR	0.7	1.5	4.3 -	2.08	0.34	6.06	1081.	56.	3.
1723	0000	-811	37.8096	81.0307		PPNR	0.8	1.7	5.0	1.99	0.33	6.02	1218.	56.	2.
1724	0000	-818	37.8096	81.0312		PPNR	1.0	1.9	5.8	1.91	0.34	5.71	1354.	56.	1.
1725	0000	-812	37.8096	81.0317		PPNR	1.1	2.0	6.7	1.77	0.30	5.86	1482.	57.	1.
1726	0000	-803	37.8096	81.0323		PPNR	1.2 +	1.8	7.4	1.47	0.25	5.93	1593.	55.	2.
1727	0000	-807	37.8096	81.0328		PPNR	1.3 +	2.0	7.6 +	1.48	0.26	5.72	1708.	53.	3.
1728	0000	-815	37.8096	81.0334		PPNR	1.5 +	1.7	8.5 +	1.15 -	0.20 -	5.76	1806.	55.	4.
1729	0000	-809	37.8096	81.0339		PPNR	1.6 ++	1.8	9.2 ++	1.13 -	0.20 -	5.73	1902.	55.	5.
1730	0000	-802	37.8096	81.0345		PPNR	1.6 ++	1.7	9.3 ++	1.05 -	0.18 -	5.71	1945.	55.	6.
1731	0000	-810	37.8096	81.0350		PPNR	1.6 ++	1.8	9.5 ++	1.15 -	0.19 -	5.96	1978.	55.	6.
1732	0000	-811	37.8096	81.0356		PPNR	1.6 ++	2.0	9.6 ++	1.20 -	0.21 -	5.85	2028.	58.	6.
1733	0000	-808	37.8096	81.0361		PPNR	1.7 ++	2.2	9.9 ++	1.31 -	0.22	5.91	2070.	59.	6.
1734	0000	-812	37.8095	81.0367		PPNR	1.7 ++	2.2	10.6 +++	1.33	0.21 -	6.35	2088.	59.	5.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-808	37.8096	81.0372	PPNR	1.6 ++	2.6 +	10.3 +++	1.61	0.25	6.36	2065.	60.	4.
1736	0000	-803	37.8096	81.0377	PPNR	1.5 +	2.4 +	9.7 ++	1.60	0.25	6.35	1969.	60.	4.
1737	0000	-810	37.8096	81.0383	PPNR	1.5 +	2.3 +	9.1 ++	1.58	0.26	6.14	1860.	63.	3.
1738	0000	-811	37.8096	81.0388	PPNR	1.4 +	2.2	8.5 +	1.60	0.26	6.26	1723.	62.	3.
1739	0000	-810	37.8097	81.0394	PPNR	1.2	2.0	7.9 +	1.74	0.26	6.77	1581.	58.	2.
1740	0000	-813	37.8097	81.0399	PPNR	1.0	1.8	7.0	1.77	0.26	6.69	1440.	57.	2.
1741	0000	-813	37.8097	81.0405	PPNR	1.0	1.7	6.0	1.80	0.29	6.21	1323.	58.	1.
1742	0000	-815	37.8097	81.0410	PPNR	0.9	1.5	5.5	1.70	0.27	6.20	1256.	54.	1.
1743	0000	-810	37.8097	81.0416	PPNR	0.9	1.6	5.3	1.88	0.31	6.15	1255.	54.	1.
1744	0000	-803	37.8097	81.0421	PPNR	0.9	1.6	5.6	1.85	0.29	6.30	1325.	52.	1.
1745	0000	-813	37.8097	81.0426	PPNR	1.0	1.7	6.1	1.71	0.28	6.15	1422.	53.	1.
1746	0000	-811	37.8097	81.0432	PPNR	1.1	2.0	6.4	1.85	0.30	6.06	1527.	55.	2.
1747	0000	-803	37.8097	81.0437	PPNR	1.1	2.1	6.9	1.89	0.31	6.07	1638.	56.	3.
1748	0000	-810	37.8097	81.0443	PPNR	1.2	2.4 +	7.3	2.06	0.33	6.20	1732.	56.	4.
1749	0000	-804	37.8097	81.0448	PPNR	1.2 +	2.7 +	7.6 +	2.17	0.35	6.14	1781.	58.	4.
1750	0000	-798	37.8097	81.0454	PPNR	1.3 +	2.5 +	8.0 +	1.95	0.31	6.36	1760.	58.	5.
1751	0000	-811	37.8097	81.0459	PPNR	1.1	2.4 +	7.7 +	2.11	0.31	6.73	1633.	59.	5.
1752	0000	-809	37.8097	81.0465	PPNR	1.0	2.2	6.9	2.20	0.31	6.99	1476.	57.	6.
1753	0000	-799	37.8097	81.0470	PPNR	0.9	1.8	6.1	2.10	0.30	7.02	1294.	57.	6.
1754	0000	-806	37.8097	81.0476	PPNR	0.8	1.6	5.2	2.01	0.30	6.75	1112.	57.	5.
1755	0000	-810	37.8097	81.0481	PPNR	0.6 -	1.0 -	4.5 -	1.66	0.23	7.17	929.	55.	5.
1756	0000	-809	37.8097	81.0486	PPNR	0.5 -	0.8 -	3.6 -	1.67	0.21 -	7.96 +	759.	55.	5.
1757	0000	-809	37.8097	81.0492	PPNR	0.3 -	0.6 -	2.9 --	1.94	0.22	8.9[illegible] +	647.	55.	5.
1758	0000	-800	37.8097	81.0497	PPNR	0.3 --	0.7 -	2.7 --	2.32	0.25	9.4[illegible] +	596.	55.	5.
1759	0000	-798	37.8097	81.0503	PPNR	0.3 --	0.6 -	2.6 --	2.32	0.25	9.27 +	585.	56.	4.
1760	0000	-808	37.8097	81.0508	PPNR	0.3 --	0.7 -	2.5 --	2.56 +	0.29	8.92 +	589.	55.	4.
1761	0000	-805	37.8097	81.0514	PPNR	0.3 --	0.7 -	2.5 --	2.75 +	0.28	9.82 ++	586.	56.	5.
1762	0000	-800	37.8097	81.0519	PPNR	0.3 --	0.7 -	2.3 --	2.89 +	0.32	9.06 +	583.	57.	6.
1763	0000	-806	37.8097	81.0525	PPP	0.3 ---	0.7 --	2.3 --	2.50 +	0.33	7.63	589.	58.	7.
1764	0000	-806	37.8097	81.0530	PPP	0.3 ---	0.8 -	2.3 --	2.59 +	0.33	7.76	597.	55.	6.
1765	0000	-804	37.8097	81.0536	PPP	0.3 ---	0.6 --	2.1 --	2.01	0.30	6.67	597.	55.	7.
1766	0000	-801	37.8097	81.0542	PPP	0.3 ---	0.6 --	2.3 --	1.93	0.26	7.28	597.	54.	7.
1767	0000	-791	37.8097	81.0546	PPP	0.3 ---	0.6 --	2.3 --	1.80	0.24	7.52	592.	56.	7.
1768	0000	-797	37.8098	81.0552	PPP	0.3 ---	0.7 --	2.5 --	2.60 +	0.28	9.21 +	589.	54.	7.
1769	0000	-803	37.8098	81.0557	PPP	0.3 ---	0.8 -	2.6 --	3.32 +	0.32	10.33 ++	590.	56.	6.
1770	0000	-798	37.8098	81.0563	PPP	0.2 ---	0.9 -	2.5 --	4.47 ++	0.36 +	12.28 +++	588.	56.	5.
1771	0000	-803	37.8098	81.0568	PPP	0.2 ---	1.1 -	2.5 --	5.01 +++	0.43 +	11.77 +++	589.	59.	5.
1772	0000	-806	37.8098	81.0574	PPP	0.2 ---	1.2 -	2.4 --	5.56 +++	0.49 ++	11.45 ++	606.	58.	4.
1773	0000	-800	37.8098	81.0579	PPP	0.3 ---	1.3	2.4 --	5.17 +++	0.53 ++	9.76 ++	638.	59.	4.
1774	0000	-800	37.8098	81.0585	PPP	0.3 --	1.4	2.6 --	4.08 ++	0.51 ++	7.93 +	693.	59.	4.
1775	0000	-801	37.8098	81.0590	PPP	0.4 --	1.3 -	3.1 --	3.11 +	0.41 +	7.64	773.	58.	4.
1776	0000	-799	37.8098	81.0596	PPP	0.5 -	1.4	3.5 -	2.65 +	0.40 +	6.69	866.	59.	4.
1777	0000	-796	37.8098	81.0602	PPP	0.7 -	1.3 -	4.5 -	1.92	0.28	6.82	1006.	57.	4.
1778	0000	-793	37.8098	81.0607	PPP	0.8	1.3	5.0	1.74	0.27	6.54	1140.	55.	5.
1779	0000	-793	37.8098	81.0613	PPP	0.9	1.2 -	5.7	1.38	0.21 -	6.69	1247.	56.	5.
1780	0000	-797	37.8098	81.0617	PPNR	0.9	1.2	6.2	1.39	0.20 -	6.92	1317.	56.	5.
1781	0000	-801	37.8098	81.0623	PPNR	0.9	1.4	6.3	1.59	0.22	7.21	1329.	54.	5.
1782	0000	-799	37.8099	81.0629	PPNR	0.9	1.5	5.7	1.71	0.26	6.52	1299.	55.	4.
1783	0000	-795	37.8099	81.0634	PPNR	0.8	1.4	5.1	1.76	0.28	6.35	1221.	54.	4.
1784	0000	-795	37.8099	81.0639	PPNR	0.7	1.4	4.5 -	1.90	0.30	6.26	1089.	56.	3.
1785	0000	-793	37.8099	81.0645	PPNR	0.6 -	1.3	3.8 -	2.19	0.34	6.40	955.	58.	2.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-797	37.8099	81.0650	PPNR	0.5 -	1.6	3.0 --	3.22 +	0.52 ++	6.17	850.	56.	1.
1787	0000	-801	37.8099	81.0656	PPNR	0.4 -	1.4	2.6 --	3.56 ++	0.54 ++	6.60	754.	55.	2.
1788	0000	-797	37.8099	81.0662	PPNR	0.3 -	1.1 -	2.4 [illegible]	3.25 +	0.46 +	7.05	698.	55.	3.
1789	0000	-796	37.8098	81.0667	PPNR	0.3 --	0.9 -	2.5 --	3.36 +	0.37	9.16 +	659.	54.	4.
1790	0000	-799	37.8098	81.0673	PPNR	0.2 --	0.8 -	2.5 --	3.23 +	0.32	10.10 ++	640.	53.	5.
1791	0000	-793	37.8098	81.0678	PPNR	0.2 --	0.8 -	2.2 --	4.50 ++	0.38 +	11.94 +++	630.	53.	6.
1792	0000	-787	37.8098	81.0684	PPNR	0.2 --	0.8 -	2.3 --	4.82 ++	0.36	13.45 +++	632.	50.	7.
1793	0000	-791	37.8098	81.0688	PPNR	0.2 --	0.4 --	2.4 --	2.15	0.18 -	11.84 +++	628.	51.	8.
1794	0000	-796	37.8098	81.0695	PPNR	0.2 --	0.2 --	2.4 --	0.95 --	0.09 ---	10.28 ++	623.	51.	9.
1795	0010	-791	37.8098	81.0699	PPNR	0.3 --	0.1 N.A.	2.5 --	0.46 N.A.	0.05 N.A.	9.43 +	621.	50.	10.
1796	0000	-790	37.8099	81.0705	PPNR	0.3 --	0.2 --	2.6 --	0.91 --	0.09 ---	9.71 ++	614.	51.	10.
1797	0000	-791	37.8099	81.0710	PPNR	0.3 --	0.3 --	2.4 --	1.20 -	0.13 --	9.26 +	620.	53.	9.
1798	0000	-790	37.8099	81.0716	PPNR	0.3 --	0.3 --	2.8 --	1.08 -	0.12 --	8.97 +	647.	53.	8.
1799	0000	-796	37.8099	81.0722	PPNR	0.4 -	0.5 --	2.9 --	1.24 -	0.16 --	7.90	679.	54.	6.
1800	0000	-796	37.8099	81.0727	PPNR	0.4 -	0.7 -	2.8 --	1.93	0.25	7.57	707.	54.	5.
1801	0000	-786	37.8099	81.0733	PPNR	0.4 -	0.9 -	2.7 --	2.35	0.31	7.49	715.	57.	4.
1802	0000	-786	37.8099	81.0738	PPNR	0.3 -	1.1 -	2.8 --	3.10 +	0.39 +	7.95 +	726.	57.	3.
1803	0000	-792	37.8099	81.0744	PPNR	0.4 -	1.1 -	2.7 --	3.08 +	0.42 +	7.32	737.	56.	2.
1804	0000	-794	37.8099	81.0749	PPNR	0.4 -	1.1 -	2.8 --	3.10 +	0.41 +	7.50	740.	55.	1.
1805	0000	-795	37.8099	81.0755	PPNR	0.4 -	1.2 -	2.5 --	3.17 +	0.46 +	6.89	731.	56.	1.
1806	0000	-793	37.8099	81.0760	PPNR	0.3 -	1.0 -	2.6 --	2.75 +	0.37	7.42	708.	54.	2.
1807	0000	-788	37.8099	81.0766	PPNR	0.3 -	1.0 -	2.7 --	3.04 +	0.36	8.45 +	697.	54.	3.
1808	0000	-788	37.8099	81.0770	PPNR	0.3 -	1.2	2.9 --	3.55 +	0.41 +	8.57 +	720.	53.	3.
1809	0000	-788	37.8099	81.0776	PPNR	0.4 -	1.2	2.9 --	3.37 +	0.43 +	7.83	739.	54.	4.
1810	0000	-782	37.8099	81.0781	PPNR	0.4 -	1.2	3.1 --	2.74 +	0.37 +	7.31	769.	56.	6.
1811	0000	-783	37.8099	81.0788	PPNR	0.5 -	1.1 -	3.4 -	2.20	0.31	7.15	802.	56.	7.
1812	0000	-793	37.8099	81.0794	PPNR	0.5 -	1.0 -	3.7 -	1.89 -	0.25	7.17	820.	56.	8.
1813	0000	-795	37.8099	81.0800	PPNR	0.5 -	1.2	3.7 -	2.18	0.3	6.84	853.	59.	8.
1814	0000	-789	37.8099	81.0807	PPNR	0.6 -	1.1 -	3.9 -	1.91	0.28	6.86	869.	60.	9.
1815	0000	-790	37.8098	81.0812	PPNR	0.6 -	1.0 -	4.0 -	1.79	0.25	7.27	876.	59.	9.
1816	0000	-797	37.8098	81.0819	PPNR	0.5 -	0.9 -	4.3 -	1.61	0.20 -	7.92	877.	59.	9.
1817	0000	-795	37.8098	81.0825	PPNR	0.5 -	0.9 -	4.4 -	1.85	0.21 -	8.90 +	880.	56.	9.
1818	0000	-792	37.8098	81.0831	PPNR	0.5 -	0.8 -	4.4 -	1.74	0.19 -	9.31 +	876.	55.	9.
1819	0000	-798	37.8098	81.0837	PPNR	0.4 -	1.0 -	4.6	2.20	0.21	10.35 ++	885.	53.	8.
1820	0000	-798	37.8098	81.0844	PPNR	0.4 -	0.7 -	4.6	1.64	0.16 --	10.52 ++	867.	53.	8.
1821	0000	-794	37.8098	81.0849	PPNR	0.4 -	0.7 -	4.6	1.68	0.15 --	10.92 ++	859.	52.	8.
1822	0000	-799	37.8098	81.0856	PPNR	0.4 -	0.7 -	4.5 -	1.73	0.17 -	10.37 ++	847.	52.	7.
1823	0000	-798	37.8097	81.0862	PPNR	0.4 -	0.8 -	4.1 -	2.02	0.20 -	10.26 ++	825.	54.	6.
1824	0000	-784	37.8097	81.0868	PPNR	0.4 -	0.8 -	3.8 -	2.17	0.22	9.86 ++	792.	58.	5.
1825	0000	-785	37.8097	81.0874	PPNR	0.4 -	0.9 -	4.0 -	2.25	0.21	10.54 ++	778.	56.	5.
1826	0000	-793	37.8097	81.0880	PPNR	0.4 -	0.7 -	3.6 -	2.01	0.20 -	9.80 ++	743.	56.	5.
1827	0000	-791	37.8097	81.0886	PPNR	0.4 -	0.7 -	3.4 -	1.85	0.20 -	9.27 +	704.	56.	5.
1828	0000	-790	37.8097	81.0893	PPNR	0.3 -	0.6 -	3.2 -	1.87	0.19 -	9.61 ++	672.	55.	5.
1829	0000	-791	37.8097	81.0898	PPNR	0.4 -	0.5 --	3.1 --	1.52	0.17 -	8.90 +	649.	55.	5.
1830	0000	-788	37.8097	81.0905	PPNR	0.4 -	0.5 --	3.3 -	1.38	0.15 --	9.44 +	637.	52.	5.
1831	0010	-781	37.8097	81.0911	PPNR	0.4 -	0.3 N.A.	3.1 --	0.68 N.A.	0.08 N.A.	8.46 +	632.	51.	6.
1832	0000	-786	37.8096	81.0917	PPNR	0.4 -	0.4 --	2.7 --	1.05 -	0.14 --	7.41	624.	54.	6.
1833	0000	-798	37.8096	81.0923	PPNR	0.4 -	0.5 --	2.8 --	1.94	0.20 -	7.35	633.	55.	6.
1834	0000	-797	37.8096	81.0929	PPNR	0.3 -	0.8 -	2.8 --	2.27	0.28	8.22 +	657.	55.	6.
1835	0000	-790	37.8096	81.0936	PPNR	0.3 -	1.0 -	2.9 --	2.83 +	0.33	8.65 +	669.	56.	5.
1836	0000	-791	37.8096	81.0942	PPNR	0.3 -	0.8 -	3.0 --	2.36	0.25	9.05 +	681.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-795	37.8096	81.0947	PPNR	0.3 --	0.7 -	3.0 --	2.32	0.25	9.27 +	692.	55.	5.
1838	0000	-796	37.8096	81.0954	PPNR	0.4 -	0.9 -	3.1 --	2.48	0.28	8.83 +	709.	54.	5.
1839	0000	-795	37.8096	81.0960	PPNR	0.4 -	0.8 -	3.3 -	2.20	0.24	9.23 +	720.	53.	5.
1840	0000	-797	37.8096	81.0967	PPNR	0.4 -	0.6 --	3.5 -	1.68	0.17 -	9.65 ++	722.	53.	6.
1841	0000	-799	37.8095	81.0973	PPNR	0.4 -	0.5 --	3.6 -	1.24 -	0.13 --	9.29 +	721.	52.	6.
1842	0010	-791	37.8095	81.0979	PPNR	0.4 -	0.2 N.A.	3.3 -	0.56 N.A.	0.07 N.A.	7.97 +	707.	53.	7.
1843	0010	-791	37.8095	81.0985	PPNR	0.4 -	0.3 N.A.	3.3 -	0.67 N.A.	0.08 N.A.	8.31 +	704.	52.	7.
1844	0010	-799	37.8095	81.0991	PPNR	0.4 -	0.3 N.A.	3.3 -	0.74 N.A.	0.10 N.A.	7.73	709.	54.	7.
1845	0000	-794	37.8094	81.0997	PPNR	0.4 -	0.5 --	3.2 -	1.43	0.17 -	8.64 +	703.	53.	6.
1846	0000	-794	37.8094	81.1003	PPNR	0.3 -	0.7 -	3.1 --	2.12	0.23	9.29 +	696.	53.	5.
1847	0000	-799	37.8094	81.1009	PPNR	0.3 --	0.8 -	2.9 --	2.72 +	0.27	9.94 ++	695.	53.	5.
1848	0000	-792	37.8094	81.1016	PPNR	0.3 --	0.9 -	3.0 --	3.44 ++	0.30	11.47 ++	693.	53.	4.
1849	0000	-794	37.8094	81.1022	PPNR	0.3 --	1.0 -	3.3 -	3.75 ++	0.30	12.59 +++	713.	51.	3.
1850	0000	-796	37.8094	81.1028	PPNR	0.2 --	1.2	3.0 --	5.40 +++	0.40 +	13.57 +++	708.	50.	3.
1851	0000	-792	37.8094	81.1034	PPNR	0.2 --	1.3	2.7 --	6.14 +++	0.48 +	12.76 +++	682.	52.	2.
1852	0000	-798	37.8094	81.1040	PPNR	0.2 --	1.1 -	2.7 --	5.08 +++	0.41 +	12.29 +++	662.	53.	2.
1853	0000	-797	37.8094	81.1046	PPNR	0.3 --	0.9 -	2.7 --	3.68 ++	0.35	10.59 ++	647.	54.	2.
1854	0000	-791	37.8093	81.1053	PPNR	0.3 --	1.0 -	2.7 --	3.86 ++	0.37	10.38 ++	634.	53.	1.
1855	0000	-795	37.8093	81.1060	PPNR	0.3 --	1.0 -	2.7 --	3.49 +	0.38 +	9.11 +	638.	55.	1.
1856	0000	-790	37.8093	81.1065	PPNR	0.3 --	1.0 -	2.9 --	3.44 +	0.35	9.70 ++	653.	57.	1.
1857	0000	-789	37.8093	81.1072	PPNR	0.4 -	1.0 -	3.5 -	2.82 +	0.29	9.59 +	687.	58.	1.
1858	0000	-802	37.8092	81.1077	PPNR	0.4 -	1.0 -	3.7 -	2.31	0.28	8.33 +	772.	55.	1.
1859	0000	-803	37.8092	81.1084	PPNR	0.5 -	1.3	4.3 -	2.76 +	0.31	9.05 +	882.	53.	2.
1860	0000	-799	37.8092	81.1090	PPNR	0.6 -	1.4	5.6	2.45	0.25	9.91 ++	1002.	51.	2.
1861	0000	-796	37.8092	81.1096	PPNR	0.7	1.4	6.1	1.88	0.22	8.36 +	1140.	52.	3.
1862	0000	-790	37.8092	81.1102	PPNR	0.8	1.5	6.6	1.80	0.23	7.81	1258.	51.	3.
1863	0000	-796	37.8092	81.1109	PPNR	0.9	1.5	6.9	1.69	0.23	7.50	1317.	51.	3.
1864	0000	-802	37.8092	81.1114	PPNR	1.0	1.5	6.6	1.52	0.23	6.63	1358.	51.	4.
1865	0000	-794	37.8092	81.1121	PPNR	1.0	1.6	7.0	1.57	0.23	6.75	1361.	53.	3.
1866	0000	-795	37.8091	81.1127	PPNR	1.1	1.3	7.0	1.24 -	0.19 -	6.53	1354.	52.	2.
1867	0000	-806	37.8091	81.1133	PPNR	1.0	1.7	6.2	1.72	0.28	6.22	1322.	55.	2.
1868	0000	-804	37.8091	81.1139	PPNR	0.9	1.8	6.1	1.98	0.30	6.58	1264.	55.	1.
1869	0000	-797	37.8091	81.1145	PPP	0.9	1.9	6.0	2.09	0.31	6.51	1249.	53.	1.
1870	0000	-795	37.8091	81.1151	PPP	1.0	1.9	6.2	1.98	0.31	6.49	1284.	55.	0.
1871	0000	-797	37.8091	81.1158	PPP	0.9	2.0	6.3	2.19	0.32	6.88	1321.	53.	0.
1872	0000	-799	37.8091	81.1163	PPP	0.9	1.9	6.4	2.07	0.30	6.97	1330.	52.	0.
1873	0000	-801	37.8091	81.1170	PPP	0.9	2.0	5.9	2.14	0.34	6.34	1290.	53.	1.
1874	0000	-802	37.8091	81.1176	PPP	0.9	1.7	5.4	1.75	0.31	5.72	1237.	50.	1.
1875	0000	-806	37.8090	81.1182	PPP	0.9	1.5	5.0	1.66	0.29	5.64	1179.	49.	2.
1876	0000	-808	37.8090	81.1188	PPNR	0.8	1.3	4.9	1.58	0.26	6.12	1099.	48.	3.
1877	0000	-801	37.8090	81.1194	PPNR	0.7	1.3	4.1 -	1.93	0.32	5.92	1018.	47.	4.
1878	0000	-799	37.8090	81.1200	PPNR	0.6 -	1.3	3.8 -	2.14	0.33	6.39	939.	50.	5.
1879	0000	-805	37.8089	81.1207	PPNR	0.5 -	1.2	3.6 -	2.43	0.34	7.22	899.	51.	7.
1880	0000	-802	37.8089	81.1212	PPNR	0.4 -	1.2	3.7 -	2.72 +	0.33	8.30 +	895.	52.	7.
1881	0000	-796	37.8089	81.1219	PPNR	0.4 -	1.2	4.0 -	3.11 +	0.30	10.27 ++	913.	52.	7.
1882	0000	-799	37.8089	81.1225	PPNR	0.4 -	1.2	4.4 -	2.95 +	0.27	11.07 ++	947.	51.	7.
1883	0000	-802	37.8089	81.1232	PPNR	0.4 -	1.2	4.7	3.12 +	0.26	12.12 +++	963.	53.	7.
1884	0000	-804	37.8089	81.1237	PPNR	0.4 -	1.2	4.8	3.51 +	0.26	13.51 +++	974.	51.	7.
1885	0000	-807	37.8089	81.1244	PPNR	0.4 -	1.2	4.8	3.49 +	0.25	13.78 +++	977.	50.	7.
1886	0000	-810	37.8089	81.1250	PPNR	0.3 -	1.3	4.9	3.85 ++	0.26	14.55 +++	968.	49.	7.
1887	0000	-808	37.8089	81.1256	PPNR	0.3 --	1.2	4.6	3.94 ++	0.27	14.74 +++	934.	49.	6.

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CP9 1P12

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-809	37.8088	81.1262	PPNR	0.3 -	1.1 -	4.3 -	3.50 +	0.26	13.22 +++	893.	52.	6.
1889	0000	-807	37.8088	81.1268	PPNR	0.3 --	1.1 -	3.9 -	3.70 ++	0.29	12.80 +++	857.	54.	6.
1890	0000	-798	37.8088	81.1274	PPNR	0.4 -	1.1 -	3.5 -	2.98 +	0.31	9.54 ++	846.	54.	6.
1891	0000	-799	37.8088	81.1281	PPNR	0.4 -	1.2	3.4 -	2.87 +	0.35	8.24 +	852.	56.	5.
1892	0000	-805	37.8088	81.1287	PPNR	0.5 -	1.3	3.2 -	2.56 +	0.40 +	6.46	883.	55.	4.
1893	0000	-802	37.8088	81.1293	PPNR	0.6	1.3	3.2 -	2.08	0.42 +	5.01 -	946.	55.	3.
1894	0000	-808	37.8088	81.1299	PPNR	0.8	1.6	3.5 -	2.00	0.46 +	4.37 --	1047.	56.	2.
1895	0000	-816	37.8088	81.1305	PPNR	1.0	1.9	4.2 -	1.98	0.46 +	4.34 --	1171.	56.	2.
1896	0000	-812	37.8088	81.1311	PPNR	1.1	2.3 +	4.8	2.13	0.48 +	4.48 -	1288.	55.	1.
1897	0000	-814	37.8087	81.1318	PPNR	1.1	2.6 +	5.1	2.35	0.51 ++	4.58 -	1391.	55.	0.
1898	0000	-817	37.8087	81.1324	PPNR	1.2 +	3.0 ++	5.4	2.45	0.56 ++	4.34 --	1492.	55.	0.
1899	0000	-811	37.8087	81.1330	PPNR	1.4 +	2.9 ++	6.2	2.09	0.46 +	4.53 -	1581.	54.	0.
1900	1000	-809	37.8087	81.1337	PPP	1.3	3.1 ++	6.3	2.44	0.50 ++	4.88 -	1603.	54.	1.
1901	1000	-809	37.8087	81.1342	PPP	1.2	3.1 ++	6.7	2.52 +	0.46 +	5.49	1586.	54.	1.
1902	1000	-811	37.8087	81.1349	PPP	1.1	2.8 +	6.4	2.52 +	0.44 +	5.71	1544.	52.	1.
1903	0000	-819	37.8087	81.1355	PPP	1.1	2.5 +	6.0	2.32	0.42 +	5.53	1480.	55.	1.
1904	0000	-814	37.8087	81.1361	MBP	1.0 +	2.3 +	5.8	2.23	0.40 +	5.63 -	1389.	56.	1.
1905	0000	-808	37.8086	81.1367	MBP	0.9	1.8	5.5	2.03	0.33	6.10 -	1269.	56.	1.
1906	0000	-816	37.8086	81.1374	MBP	0.7	1.8	4.8 -	2.48	0.38 +	6.62 -	1132.	55.	1.
1907	0000	-817	37.8086	81.1379	MBP	0.7	1.4	4.4 -	2.04	0.32	6.28 -	1030.	57.	2.
1908	0000	-811	37.8086	81.1386	MBP	0.6	1.4	3.9 -	2.25	0.36 +	6.27 -	949.	56.	2.
1909	0000	-818	37.8085	81.1392	MBP	0.6	1.4	3.4 --	2.38	0.40 +	5.96 -	875.	58.	2.
1910	0000	-819	37.8085	81.1398	MBP	0.5 -	1.5	3.0 --	2.99	0.49 ++	6.08 -	822.	57.	2.
1911	0000	-811	37.8085	81.1404	PPP	0.5 -	1.4	3.0 --	2.81 +	0.45 +	6.18	803.	54.	3.
1912	0000	-813	37.8085	81.1410	PPP	0.5 -	1.2 -	3.3 --	2.29	0.37 +	6.23	812.	53.	4.
1913	0000	-819	37.8085	81.1416	PPP	0.6 -	1.3 -	3.4 --	2.27	0.38 +	5.97	846.	55.	4.
1914	0000	-818	37.8085	81.1423	PPP	0.6 -	1.5	3.5 -	2.55 +	0.41 +	6.17	886.	52.	3.
1915	0000	-817	37.8085	81.1428	PPNR	0.6	1.4	3.6 -	2.27	0.40 +	5.64	927.	55.	4.
1916	0000	-815	37.8085	81.1435	PPNR	0.6	1.6	3.7 -	2.61 +	0.44 +	5.90	960.	53.	4.
1917	0000	-812	37.8085	81.1441	PPNR	0.7	1.5	3.9 -	2.22	0.37	6.00	991.	54.	3.
1918	0000	-815	37.8084	81.1447	PPNR	0.7	1.6	4.0 -	2.28	0.39 +	5.85	1033.	53.	3.
1919	0000	-818	37.8084	81.1453	PPNR	0.7	1.6	3.9 -	2.41	0.40 +	5.99	1032.	55.	2.
1920	0000	-816	37.8084	81.1459	PPNR	0.6 -	1.7	3.9 -	2.89 +	0.45 +	6.43	999.	54.	2.
1921	0000	-816	37.8084	81.1465	PPNR	0.6 -	1.6	4.1 -	2.76 +	0.40 +	6.93	983.	55.	1.
1922	0000	-814	37.8083	81.1472	PPNR	0.6 -	1.5	4.2 -	2.66 +	0.36	7.34	975.	52.	2.
1923	0000	-810	37.8083	81.1477	PPNR	0.6 -	1.4	4.6	2.43	0.31	7.82	990.	52.	2.
1924	0000	-818	37.8083	81.1484	PPNR	0.6 -	1.5	4.8	2.70 +	0.32	8.34 +	998.	52.	2.
1925	0000	-828	37.8083	81.1490	PPNR	0.5 -	1.5	4.7	2.82 +	0.31	9.11 +	982.	54.	2.
1926	0000	-821	37.8083	81.1497	PPNR	0.5 -	1.7	4.4 -	3.12 +	0.38 +	8.24 +	989.	53.	2.
1927	0000	-816	37.8083	81.1502	PPNR	0.6 -	1.6	4.8	2.69 +	0.33	8.14 +	1036.	53.	2.
1928	0000	-819	37.8083	81.1508	PPNR	0.6 -	1.6	4.8	2.58 +	0.33	7.73	1071.	53.	2.
1929	0000	-814	37.8083	81.1515	PPNR	0.6 -	1.6	4.9	2.63 +	0.34	7.85	1093.	54.	1.
1930	0000	-816	37.8083	81.1521	PPNR	0.6 -	1.7	4.9	2.79 +	0.34	8.15 +	1094.	54.	1.
1931	0000	-826	37.8082	81.1527	PPNR	0.6 -	1.5	4.6	2.52	0.33	7.60	1076.	54.	1.
1932	0000	-821	37.8082	81.1533	PPNR	0.6 -	1.6	4.6	2.68 +	0.34	7.83	1073.	52.	2.
1933	0000	-814	37.8082	81.1539	PPNR	0.6 -	1.5	4.9	2.66 +	0.31	8.67 +	1072.	53.	2.
1934	0000	-817	37.8082	81.1546	PPNR	0.6 -	1.3	4.9	2.32	0.27	8.52 +	1055.	53.	3.
1935	0000	-822	37.8082	81.1551	PPNR	0.6 -	1.1 -	5.2	1.99	0.21	9.37 +	1045.	53.	4.
1936	0000	-827	37.8082	81.1558	PPNR	0.6 -	0.9 -	5.3	1.55	0.17 -	9.26 +	1032.	52.	6.
1937	0000	-827	37.8082	81.1564	PPNR	0.6 -	0.8 -	5.4	1.36	0.15 --	9.27 +	1035.	52.	7.
1938	0000	-822	37.8082	81.1570	PPNR	0.6 -	0.9 -	5.6	1.45	0.15 --	9.49 +	1065.	52.	8.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-825	37.8082	81.1577	PPNR	0.7	0.8 -	5.6	1.28 -	0.15 --	8.48 +	1099.	53.	8.
1940	0000	-828	37.8081	81.1582	PPNR	0.7	1.0 -	5.9	1.44	0.17 -	8.65 +	1147.	52.	9.
1941	0000	-825	37.8081	81.1589	PPNR	0.7	1.1 -	6.2	1.54	0.17 -	8.87 +	1201.	55.	8.
1942	0000	-828	37.8081	81.1595	PPNR	0.7	1.3	6.1	1.72	0.21 -	8.27 +	1226.	55.	7.
1943	0000	-828	37.8081	81.1602	PPNR	0.7	1.5	6.2	2.06	0.25	8.35 +	1249.	57.	6.
1944	0000	-822	37.8080	81.1607	PPNR	0.8	1.7	6.1	2.16	0.27	7.87	1267.	57.	5.
1945	0000	-823	37.8080	81.1613	PPNR	0.8	1.8	6.3	2.23	0.28	7.93 +	1291.	57.	4.
1946	0000	-827	37.8080	81.1619	PPNR	0.8	1.7	6.7	2.21	0.26	8.52 +	1302.	57.	2.
1947	0000	-828	37.8080	81.1626	PPNR	0.9	1.6	6.9	1.87	0.23	8.09 +	1320.	58.	1.
1948	0000	-827	37.8080	81.1632	PPNR	0.9	1.8	7.0	2.05	0.25	8.09 +	1334.	53.	0.
1949	0000	-822	37.8080	81.1638	PPNR	0.9	1.9	6.9	2.19	0.27	7.98 +	1374.	55.	0.
1950	0000	-822	37.8080	81.1644	PPNR	0.9	2.0	6.8	2.32	0.30	7.84	1410.	56.	0.
1951	0000	-829	37.8080	81.1651	PPNR	0.9	2.0	6.8	2.12	0.29	7.30	1433.	58.	0.
1952	0000	-825	37.8079	81.1657	PPNR	0.9	2.0	6.8	2.10	0.29	7.18	1445.	56.	0.
1953	0000	-820	37.8079	81.1663	PPNR	0.9	2.0	6.6	2.16	0.31	7.04	1458.	55.	0.
1954	0000	-830	37.8079	81.1669	PPNR	0.9	2.1	6.4	2.26	0.33	6.87	1455.	56.	0.
1955	0000	-834	37.8079	81.1675	PPNR	0.9	2.0	6.1	2.09	0.32	6.44	1451.	55.	0.
1956	0000	-828	37.8079	81.1681	PPNR	1.0	1.8	6.4	1.93	0.29	6.67	1439.	51.	0.
1957	0000	-828	37.8079	81.1688	PPNR	1.0	1.7	6.5	1.67	0.26	6.50	1454.	50.	1.
1958	0000	-831	37.8079	81.1693	PPNR	1.0	1.8	7.0	1.78	0.26	6.83	1506.	48.	1.
1959	0000	-827	37.8079	81.1700	PPNR	1.1	1.7	7.1	1.55	0.25	6.70	1528.	51.	2.
1960	0000	-826	37.8079	81.1706	PPNR	1.1	1.8	7.4 +	1.63	0.24	6.70	1565.	52.	4.
1961	0000	-825	37.8078	81.1712	PPNR	1.1	1.7	7.4 +	1.54	0.23	6.70	1572.	52.	5.
1962	0000	-825	37.8078	81.1718	PPNR	1.1	1.9	7.4	1.73	0.25	6.81	1585.	55.	6.
1963	0000	-832	37.8078	81.1724	PPNR	1.1	1.9	7.3	1.74	0.26	6.78	1585.	57.	6.
1964	0000	-829	37.8078	81.1730	PPNR	1.0	1.8	7.3	1.79	0.25	7.05	1574.	57.	7.
1965	0000	-826	37.8077	81.1737	PPNR	1.0	1.6	6.9	1.58	0.24	7.10	1523.	59.	8.
1966	0000	-827	37.8077	81.1742	PPNR	1.0	1.6	7.0	1.67	0.23	7.15	1490.	58.	8.
1967	0000	-823	37.8077	81.1749	PPNR	0.9	1.6	6.5	1.70	0.24	6.99	1435.	56.	8.
1968	0000	-827	37.8077	81.1755	PPNR	0.8	1.5	6.2	1.82	0.25	7.36	1391.	57.	8.
1969	0000	-830	37.8077	81.1762	PPNR	0.8	1.5	5.9	1.90	0.26	7.41	1332.	56.	8.
1970	0000	-824	37.8077	81.1767	PPNR	0.7	1.6	5.5	2.10	0.28	7.44	1292.	56.	8.
1971	0000	-822	37.8077	81.1774	PPNR	0.7	1.4	5.5	1.92	0.25	7.63	1245.	56.	9.
1972	0000	-822	37.8077	81.1780	PPNR	0.7	1.4	5.7	2.00	0.24	8.17 +	1224.	52.	8.
1973	0000	-825	37.8077	81.1786	PPNR	0.6	1.3	5.3	2.09	0.25	8.39 +	1198.	54.	9.
1974	0000	-828	37.8076	81.1792	PPNR	0.7	1.3	5.1	1.94	0.25	7.71	1193.	56.	9.
1975	0000	-826	37.8076	81.1798	PPNR	0.7	1.6	4.9	2.22	0.33	6.81	1202.	53.	7.
1976	0000	-827	37.8076	81.1804	PPNR	0.8	1.6	5.1	2.06	0.31	6.67	1231.	53.	7.
1977	0000	-827	37.8076	81.1811	PPNR	0.8	1.6	5.3	1.91	0.30	6.30	1258.	53.	7.
1978	0000	-822	37.8076	81.1816	PPNR	0.9	2.0	5.3	2.38	0.38 +	6.24	1300.	54.	5.
1979	0000	-817	37.8076	81.1823	PPNR	0.9	2.4 +	5.2	2.64 +	0.46 +	5.76	1345.	57.	4.
1980	0000	-819	37.8076	81.1829	PPNR	1.0	2.5 +	5.8	2.66 +	0.44 +	6.08	1413.	56.	4.
1981	0000	-828	37.8076	81.1835	PPNR	1.0	2.5 +	6.2	2.49	0.41 +	6.14	1468.	55.	4.
1982	0000	-824	37.8075	81.1841	PPNR	1.1	2.2	6.6	2.12	0.34	6.23	1518.	56.	5.
1983	0000	-816	37.8075	81.1847	PPNR	1.1	2.2	6.7	1.96	0.32	6.08	1559.	57.	6.
1984	0000	-817	37.8075	81.1854	PPNR	1.2	2.0	7.1	1.75	0.29	6.08	1608.	60.	7.
1985	0000	-808	37.8075	81.1861	PPNR	1.3 +	1.8	7.6 +	1.41	0.24	5.98	1686.	58.	8.
1986	0000	-797	37.8075	81.1867	PPNR	1.4 +	1.6	8.1 +	1.21 -	0.20 -	5.96	1749.	59.	8.
1987	0000	-798	37.8075	81.1873	PPNR	1.5 +	1.8	7.9 +	1.21 -	0.22	5.43	1813.	57.	8.
1988	0000	-794	37.8075	81.1880	PPNR	1.5 +	1.8	8.2 +	1.23 -	0.22	5.58	1853.	57.	7.
1989	0000	-780	37.8075	81.1885	PPNR	1.5 +	2.0	8.4 +	1.35	0.24	5.60	1877.	57.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-776	37.8075	81.1892	PPNR	1.5 +	2.0	8.4 +	1.35	0.24	5.56	1845.	57.	4.
1991	0000	-793	37.8075	81.1898	PPNR	1.4 +	2.2	7.7 +	1.58	0.28	5.59	1753.	56.	3.
1992	0000	-810	37.8075	81.1905	PPNR	1.2	2.2	6.9	1.83	0.33	5.58	1614.	55.	2.
1993	0000	-816	37.8075	81.1911	PPNR	1.1	2.2	6.2	2.02	0.35	5.80	1477.	52.	2.
1994	0000	-821	37.8075	81.1917	PPNR	0.9	1.9	5.8	2.07	0.33	6.27	1333.	53.	2.
1995	0000	-826	37.8075	81.1923	PPNR	0.8	1.9	5.0	2.41	0.38 +	6.25	1205.	55.	2.
1996	0000	-826	37.8075	81.1929	PPNR	0.7	1.9	4.9	2.80 +	0.40 +	7.05	1115.	55.	2.
1997	0000	-821	37.8075	81.1936	PPNR	0.6 -	2.0	4.9	3.18 +	0.40 +	7.96 +	1083.	54.	1.
1998	0000	-813	37.8075	81.1942	PPNR	0.7	1.8	4.9	2.72 +	0.36	7.60	1096.	54.	1.
1999	0000	-817	37.8075	81.1949	PPNR	0.7	1.8	5.2	2.69 +	0.34	7.98 +	1108.	56.	1.
2000	0000	-822	37.8075	81.1955	PPNR	0.7	1.9	4.9	2.98 +	0.40 +	7.50	1126.	59.	1.
2001	0000	-819	37.8075	81.1961	PPNR	0.6 -	2.1	5.0	3.50 +	0.42 +	8.38 +	1154.	60.	0.
2002	0000	-820	37.8075	81.1968	PPNR	0.6 -	2.2	5.3	3.75 ++	0.41 +	9.12 +	1175.	56.	0.
2003	0000	-824	37.8075	81.1974	PPNR	0.6 -	2.1	5.8	3.66 ++	0.37	9.83 ++	1184.	57.	0.
2004	0000	-815	37.8075	81.1980	PPNR	0.6 -	2.1	5.5	3.49 +	0.39 +	8.98 +	1178.	56.	0.
2005	0000	-804	37.8075	81.1987	PPNR	0.6 -	2.3 +	6.0	4.09 ++	0.38 +	10.76 ++	1178.	56.	0.
2006	0000	-804	37.8075	81.1992	PPNR	0.5 -	2.2	5.8	4.05 ++	0.38 +	10.71 ++	1176.	54.	0.
2007	0000	-805	37.8075	81.1999	PPNR	0.6 -	1.9	5.9	3.30 +	0.32	10.20 ++	1164.	54.	1.
2008	0000	-800	37.8075	81.2005	PPNR	0.6	1.8	6.1	2.78 +	0.23	9.57 +	1144.	55.	1.
2009	0000	-798	37.8075	81.2011	PPNR	0.7	1.6	5.8	2.37	0.28	8.54 +	1142.	57.	2.
2010	0000	-804	37.8075	81.2018	PPNR	0.7	1.4	5.6	1.87	0.24	7.65	1149.	56.	3.
2011	0000	-805	37.8075	81.2024	PPNR	0.7	1.3	5.4	1.74	0.24	7.29	1155.	59.	3.
2012	0000	-801	37.8075	81.2031	PPNR	0.8	1.2	4.9	1.57	0.24	6.43	1155.	61.	4.
2013	0000	-800	37.8075	81.2037	PPNR	0.8	1.2 -	4.9	1.41	0.24	5.98	1173.	60.	5.
2014	0000	-799	37.8075	81.2043	PPNR	0.8	1.4	5.2	1.64	0.26	6.23	1207.	57.	4.
2015	0000	-797	37.8075	81.2050	PPNR	0.9	1.4	5.1	1.58	0.27	5.81	1241.	55.	4.
2016	0000	-795	37.8075	81.2056	PPNR	0.9	1.5	5.4	1.66	0.27	6.07	1276.	53.	4.
2017	0000	-789	37.8075	81.2062	PPNR	0.9	1.7	5.9	1.82	0.29	6.33	1306.	55.	3.
2018	0000	-787	37.8075	81.2068	PPNR	0.9	1.9	6.2	2.02	0.30	6.63	1361.	51.	2.
2019	0000	-794	37.8075	81.2074	PPNR	1.0	2.0	6.7	2.03	0.30	6.76	1417.	49.	1.
2020	0000	-797	37.8075	81.2081	PPNR	1.0	2.2	6.8	2.08	0.32	6.57	1445.	48.	1.
2021	0000	-795	37.8075	81.2087	PPNR	1.1	2.1	6.7	1.92	0.31	6.19	1453.	51.	2.
2022	0000	-792	37.8075	81.2094	PPNR	1.0	2.0	7.1	1.97	0.29	6.82	1452.	52.	2.
2023	0000	-790	37.8075	81.2099	PPNR	1.0	2.2	7.0	2.14	0.31	6.88	1454.	54.	2.
2024	0000	-795	37.8075	81.2106	PPNR	1.0	2.3 +	6.0	2.26	0.37 +	6.03	1436.	53.	2.
2025	0000	-798	37.8075	81.2112	PPNR	1.0	2.1	6.2	2.13	0.34	6.22	1400.	56.	1.
2026	0000	-787	37.8075	81.2119	PPNR	1.0	2.1	6.0	2.18	0.35	6.31	1347.	56.	1.
2027	0000	-783	37.8075	81.2125	PPNR	0.9	2.2	6.0	2.49	0.36	6.85	1325.	57.	1.
2028	0000	-787	37.8075	81.2132	PPNR	0.8	2.0	6.3	2.44	0.32	7.57	1327.	54.	1.
2029	0000	-782	37.8075	81.2137	PPNR	0.8	2.2	5.9	2.62 +	0.37	7.11	1337.	56.	1.
2030	0000	-779	37.8075	81.2144	PPNR	0.9	2.0	5.9	2.40	0.34	6.95	1357.	56.	1.
2031	0000	-786	37.8074	81.2150	PPNR	0.8	2.0	6.6	2.38	0.30	7.90	1388.	56.	2.
2032	0000	-783	37.8074	81.2157	PPNR	0.9	1.9	6.9	2.10	0.27	7.67	1433.	54.	4.
2033	0000	-778	37.8074	81.2163	PPNR	0.9	1.8	6.8	2.01	0.27	7.40	1475.	54.	6.
2034	0000	-777	37.8074	81.2169	PPNR	0.9	1.8	6.7	1.92	0.27	7.17	1458.	53.	7.
2035	0000	-776	37.8074	81.2176	PPNR	0.9	1.7	6.6	1.93	0.26	7.28	1427.	55.	8.
2036	0000	-773	37.8074	81.2181	PPNR	0.9	1.6	6.3	1.76	0.25	6.90	1417.	54.	9.
2037	0000	-766	37.8074	81.2188	PPNR	0.9	1.5	6.4	1.65	0.24	6.91	1401.	55.	10.
2038	0000	-762	37.8074	81.2194	PPNR	1.0	1.4	6.4	1.42	0.21	6.70	1414.	55.	10.
2039	0000	-764	37.8074	81.2200	PPNR	0.9	1.5	6.5	1.60	0.23	7.09	1434.	55.	9.
2040	0000	-766	37.8074	81.2207	PPNR	0.9	1.6	7.1	1.65	0.22	7.49	1480.	56.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-768	37.8074	81.2213	PPNR	1.0	1.6	7.7 +	1.56	0.20 -	7.69	1565.	58.	7.
2042	0000	-763	37.8074	81.2219	PPNR	1.1	1.9	8.1 +	1.70	0.24	7.18	1674.	57.	5.
2043	0000	-757	37.8074	81.2225	PPNR	1.2	2.2	8.8 ++	1.91	0.25	7.57	1762.	57.	4.
2044	0000	-754	37.8074	81.2232	PPNR	1.2	2.3 +	9.3 ++	1.84	0.24	7.51	1829.	56.	3.
2045	0000	-753	37.8074	81.2239	PPNR	1.3 +	2.5 +	9.1 ++	1.98	0.28	7.18	1849.	56.	2.
2046	0000	-757	37.8074	81.2244	PPNR	1.3 +	2.7 +	9.1 ++	2.09	0.30	6.95	1867.	55.	1.
2047	0000	-756	37.8074	81.2251	PPNR	1.3 +	2.9 ++	8.7 +	2.21	0.33	6.74	1859.	55.	0.
2048	0000	-749	37.8074	81.2257	PPNR	1.3 +	2.9 ++	8.4 +	2.16	0.34	6.34	1851.	54.	0.
2049	0000	-751	37.8074	81.2264	PPNR	1.3 +	2.7 +	8.2 +	2.09	0.33	6.30	1812.	55.	0.
2050	0000	-751	37.8074	81.2270	PPNR	1.3 +	2.6 +	8.0 +	2.07	0.33	6.33	1759.	56.	0.
2051	0000	-745	37.8074	81.2276	PPNR	1.2	2.5 +	7.6 +	2.08	0.33	6.32	1707.	55.	0.
2052	0000	-744	37.8074	81.2283	PPNR	1.2	2.4 +	7.7 +	2.01	0.31	6.56	1686.	55.	0.
2053	0000	-739	37.8074	81.2289	PPNR	1.1	2.2	7.2	1.99	0.31	6.41	1623.	56.	0.
2054	0000	-738	37.8074	81.2295	PPNR	1.1	2.1	7.0	1.83	0.29	6.21	1582.	56.	1.
2055	0000	-745	37.8074	81.2301	PPNR	1.1	2.0	6.9	1.78	0.29	6.23	1555.	54.	2.
2056	0000	-745	37.8074	81.2307	PPNR	1.0	1.8	6.8	1.72	0.26	6.52	1512.	55.	3.
2057	0000	-743	37.8074	81.2314	PPNR	1.1	1.7	6.4	1.55	0.26	5.93	1458.	54.	3.
2058	0000	-739	37.8074	81.2321	PPNR	1.0	1.7	6.2	1.61	0.27	5.97	1422.	55.	4.
2059	0000	-733	37.8074	81.2327	PPNR	1.0	1.5	6.1	1.42	0.24	5.88	1392.	54.	5.
2060	0000	-735	37.8074	81.2333	PPNR	1.0	1.4	6.5	1.40	0.22	6.27	1408.	57.	6.
2061	0000	-737	37.8074	81.2339	PPNR	1.0	1.6	6.6	1.51	0.24	6.33	1425.	57.	6.
2062	0000	-735	37.8074	81.2346	PPNR	1.1	1.5	6.6	1.46	0.23	6.29	1415.	60.	5.
2063	0000	-733	37.8074	81.2352	PPNR	1.1	1.7	6.6	1.59	0.26	6.10	1420.	60.	5.
2064	0000	-727	37.8074	81.2358	PPNR	1.0	1.7	7.1	1.65	0.24	6.96	1438.	59.	4.
2065	0000	-725	37.8074	81.2364	PPNR	1.0	1.8	6.9	1.76	0.26	6.87	1426.	57.	4.
2066	0000	-730	37.8074	81.2370	PPNR	0.9	1.7	6.3	1.81	0.27	6.71	1354.	57.	4.
2067	0000	-727	37.8074	81.2377	PPNR	0.9	1.7	5.9	1.94	0.29	6.66	1258.	58.	3.
2068	0000	-721	37.8074	81.2384	PPNR	0.7	1.6	5.2	2.20	0.31	7.04	1158.	58.	3.
2069	0000	-724	37.8074	81.2390	PPNR	0.7	1.6	5.1	2.43	0.31	7.84	1095.	55.	2.
2070	0000	-725	37.8074	81.2395	PPNR	0.6 -	1.5	4.8	2.76 +	0.31	8.77 +	1044.	55.	2.
2071	0000	-720	37.8074	81.2402	PPNR	0.6 -	1.5	4.2 -	2.73 +	0.36	7.52	1000.	55.	2.
2072	0000	-715	37.8074	81.2409	PPNR	0.5 -	1.7	4.4 -	3.38 +	0.38 +	8.98 +	992.	53.	2.
2073	0000	-709	37.8074	81.2415	PPNR	0.5 -	2.0	4.7	4.36 ++	0.43 +	10.22 ++	1033.	53.	1.
2074	0000	-706	37.8074	81.2421	PPNR	0.5 -	2.0	5.0	4.13 ++	0.39 +	10.49 ++	1083.	50.	1.
2075	0000	-706	37.8074	81.2428	PPNR	0.6 -	2.0	5.5	3.47 +	0.36	9.64 ++	1149.	51.	1.
2076	0000	-706	37.8074	81.2433	PPNR	0.6 -	2.2	5.4	3.77 ++	0.40 +	9.42 +	1198.	53.	0.
2077	0000	-707	37.8074	81.2440	PPNR	0.6	2.1	5.6	3.29 +	0.37	8.85 +	1243.	52.	1.
2078	0000	-706	37.8074	81.2446	PPNR	0.6	2.2	5.9	3.38 +	0.37	9.16 +	1290.	53.	1.
2079	0000	-701	37.8074	81.2453	PPNR	0.7	2.2	5.7	3.15 +	0.38 +	8.21 +	1299.	55.	2.
2080	0000	-701	37.8074	81.2459	PPNR	0.7	2.2	5.7	3.14 +	0.39 +	7.99 +	1305.	55.	2.
2081	0000	-703	37.8074	81.2466	PPNR	0.8	2.0	6.0	2.58 +	0.33	7.80	1319.	54.	3.
2082	0000	-701	37.8074	81.2471	PPNR	0.8	2.0	5.9	2.56	0.34	7.62	1313.	54.	3.
2083	0000	-695	37.8074	81.2477	PPNR	0.8	1.8	6.0	2.30	0.30	7.58	1305.	52.	4.
2084	0000	-694	37.8074	81.2484	PPNR	0.8	1.8	6.0	2.25	0.29	7.72	1289.	55.	4.
2085	0000	-694	37.8074	81.2491	PPNR	0.8	1.6	6.2	2.09	0.26	7.93 +	1279.	52.	4.
2086	0000	-691	37.8074	81.2496	PPNR	0.8	1.5	6.2	1.78	0.24	7.55	1291.	51.	4.
2087	0000	-692	37.8074	81.2502	PPNR	0.9	1.3	6.4	1.51	0.20 -	7.43	1297.	53.	4.
2088	0000	-692	37.8074	81.2509	PPNR	0.8	1.5	6.1	1.79	0.25	7.21	1276.	54.	4.
2089	0000	-688	37.8074	81.2516	PPNR	0.8	1.4	5.9	1.64	0.23	7.12	1251.	55.	5.
2090	0000	-687	37.8074	81.2522	PPNR	0.8	1.3	5.9	1.60	0.23	7.07	1241.	55.	5.
2091	0000	-681	37.8074	81.2528	PPNR	0.9	1.4	6.1	1.59	0.23	6.86	1260.	52.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-678	37.8074	81.2535	PPNR	0.9	1.4	5.8	1.46	0.24	6.17	1265.	58.	5.
2093	0000	-683	37.8074	81.2540	PPNR	1.0	1.2	5.9	1.28 -	0.21 -	6.18	1265.	59.	4.
2094	0000	-684	37.8074	81.2547	PPNR	0.9	1.4	6.0	1.53	0.24	6.39	1279.	56.	4.
2095	0000	-680	37.8074	81.2553	PPNR	1.0	1.6	5.9	1.64	0.26	6.21	1321.	55.	3.
2096	0000	-677	37.8074	81.2559	PPNR	1.0	1.5	6.5	1.49	0.23	6.50	1381.	52.	3.
2097	0000	-675	37.8074	81.2566	PPNR	1.1	1.8	6.6	1.67	0.27	6.26	1437.	51.	2.
2098	0000	-669	37.8074	81.2573	PPNR	1.1	1.7	6.7	1.53	0.26	6.01	1475.	52.	3.
2099	0000	-656	37.8074	81.2579	PPNR	1.1	1.9	7.0	1.62	0.26	6.17	1528.	50.	3.
2100	0000	-647	37.8074	81.2584	PPNR	1.2	2.1	7.3	1.82	0.29	6.28	1612.	49.	3.
2101	0000	-654	37.8074	81.2591	PPNR	1.3 +	2.1	7.4 +	1.67	0.28	5.85	1687.	50.	4.
2102	0000	-666	37.8074	81.2598	PPNR	1.3 +	2.2	7.7 +	1.68	0.29	5.88	1745.	51.	5.
2103	0000	-667	37.8074	81.2604	PPNR	1.4 +	2.3 +	7.6 +	1.62	0.30	5.37 -	1791.	51.	6.
2104	0000	-665	37.8074	81.2610	PPNR	1.5 +	2.2	7.8 +	1.49	0.28	5.33 -	1830.	54.	7.
2105	0000	-666	37.8074	81.2616	PPNR	1.4 +	2.4 +	7.9 +	1.67	0.31	5.46	1861.	55.	6.
2106	0000	-662	37.8074	81.2622	PPNR	1.4 +	2.5 +	7.6 +	1.78	0.33	5.42	1844.	54.	6.
2107	0000	-659	37.8073	81.2629	PPNR	1.4 +	2.5 +	7.5 +	1.78	0.33	5.42	1776.	56.	5.
2108	0000	-660	37.8073	81.2635	PPNR	1.3 +	2.5 +	7.1	1.89	0.35	5.42	1710.	56.	4.
2109	0000	-659	37.8073	81.2642	PPNR	1.3 +	2.3 +	6.8	1.83	0.34	5.33 -	1637.	57.	3.
2110	0000	-660	37.8073	81.2647	PPNR	1.2	2.4 +	6.6	2.05	0.36	5.70	1559.	57.	2.
2111	0000	-657	37.8073	81.2654	PPNR	1.1	2.3 +	6.5	2.17	0.36	6.07	1499.	56.	1.
2112	0000	-653	37.8073	81.2661	PPNR	1.0	2.3 +	6.4	2.31	0.36	6.42	1442.	56.	0.
2113	0000	-654	37.8073	81.2667	PPNR	1.0	2.2	6.6	2.18	0.34	6.47	1441.	57.	0.
2114	0000	-652	37.8073	81.2673	PPNR	1.0	2.3 +	6.3	2.27	0.36	6.22	1466.	55.	0.
2115	0000	-647	37.8073	81.2680	PPNR	1.0	2.2	6.5	2.19	0.33	6.56	1462.	55.	0.
2116	0000	-647	37.8073	81.2686	PPNR	1.0	2.3	6.8	2.30	0.33	6.92	1486.	54.	0.
2117	0000	-646	37.8073	81.2692	PPNR	1.0	2.5 +	6.6	2.50	0.37	6.74	1525.	56.	0.
2118	0000	-643	37.8073	81.2698	PPNR	1.0	2.5 +	6.1	2.49	0.41 +	6.01	1547.	56.	1.
2119	0000	-643	37.8073	81.2705	PPNR	1.0	2.4 +	6.1	2.36	0.40 +	5.93	1544.	56.	1.
2120	0000	-638	37.8073	81.2711	PPNR	1.0	2.6 +	6.1	2.58 +	0.42 +	6.17	1530.	55.	2.
2121	0000	-636	37.8073	81.2717	PPNR	1.0	2.5 +	6.2	2.55	0.41 +	6.28	1511.	56.	3.
2122	0000	-642	37.8073	81.2724	PPNR	1.0	2.5 +	6.3	2.49	0.40 +	6.28	1514.	56.	4.
2123	0000	-639	37.8073	81.2729	PPNR	1.0	2.3 +	6.0	2.38	0.39 +	6.11	1486.	54.	4.
2124	0000	-636	37.8073	81.2736	PPNR	1.0	1.9	6.5	1.98	0.29	6.74	1446.	52.	5.
2125	0000	-637	37.8073	81.2742	PPNR	0.9	1.9	6.8	2.18	0.28	7.77	1404.	53.	5.
2126	0000	-633	37.8073	81.2749	PPNR	0.9	1.9	6.6	2.00	0.28	7.19	1389.	52.	5.
2127	0000	-631	37.8073	81.2754	PPNR	0.9	1.6	6.5	1.71	0.24	7.02	1350.	53.	5.
2128	0000	-632	37.8073	81.2761	PPNR	0.9	1.6	6.5	1.77	0.25	7.12	1306.	54.	5.
2129	0000	-629	37.8073	81.2768	PPNR	0.9	1.4	6.2	1.64	0.23	7.01	1255.	55.	4.
2130	0000	-630	37.8073	81.2774	PPNR	0.8	1.4	5.7	1.65	0.24	6.75	1224.	55.	4.
2131	0000	-630	37.8073	81.2780	PPNR	0.9	1.5	5.3	1.69	0.28	6.09	1200.	57.	3.
2132	0000	-626	37.8073	81.2787	PPNR	0.9	1.3	5.1	1.36	0.25	5.38 -	1184.	56.	2.
2133	0000	-625	37.8073	81.2792	PPNR	0.9	1.2	5.0	1.37	0.24	5.71	1147.	55.	1.
2134	0000	-626	37.8073	81.2799	PPNR	0.8	1.2	5.0	1.47	0.25	5.91	1167.	53.	1.
2135	0000	-626	37.8073	81.2805	PPNR	0.8	1.3	5.4	1.55	0.24	6.42	1190.	51.	1.
2136	0000	-621	37.8073	81.2812	PPNR	0.9	1.3	5.7	1.49	0.23	6.53	1231.	49.	2.
2137	0000	-618	37.8073	81.2818	PPNR	0.9	1.4	6.0	1.52	0.23	6.54	1252.	51.	1.
2138	0000	-619	37.8073	81.2824	PPNR	0.9	1.5	5.7	1.78	0.27	6.65	1242.	49.	3.
2139	0000	-615	37.8073	81.2831	PPNR	0.8	1.5	5.7	1.85	0.26	7.05	1225.	50.	4.
2140	0000	-615	37.8073	81.2836	PPNR	0.8	1.4	5.6	1.70	0.24	7.00	1214.	52.	5.
2141	0000	-615	37.8073	81.2843	PPNR	0.8	1.3	5.4	1.61	0.24	6.65	1176.	55.	6.
2142	0000	-610	37.8073	81.2850	PPNR	0.8	1.1 -	5.1	1.32 -	0.21	6.17	1161.	56.	7.

VALUES AND STATISTICAL SIGNIFICANCES

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-611	37.8073	81.2856	PPNR	0.8	1.2	4.8	1.54	0.25	6.14	1132.	57.	8.
2144	0000	-612	37.8073	81.2862	PPNR	0.8	1.1 -	5.1	1.35	0.21 -	6.49	1141.	56.	7.
2145	0000	-608	37.8072	81.2868	PPNR	0.9	0.9 -	5.8	1.05 -	0.16 --	6.71	1179.	58.	7.
2146	0000	-606	37.8072	81.2875	PPNR	0.8	1.1 -	5.7	1.30 -	0.19 -	6.80	1209.	56.	6.
2147	0000	-604	37.8072	81.2881	PPNR	0.9	1.3	6.1	1.52	0.21	7.11	1252.	55.	5.
2148	0000	-603	37.8072	81.2887	PPNR	0.9	1.4	6.3	1.55	0.22	7.10	1283.	53.	4.
2149	0000	-604	37.8072	81.2894	PPNR	0.9	1.4	6.2	1.57	0.22	7.11	1309.	54.	4.
2150	0000	-602	37.8072	81.2899	PPNR	0.9	1.5	6.2	1.71	0.24	7.14	1329.	52.	4.
2151	0000	-599	37.8072	81.2906	PPNR	0.8	1.5	6.0	1.76	0.25	7.07	1320.	50.	5.
2152	0000	-594	37.8072	81.2912	PPNR	0.8	1.8	5.5	2.22	0.32	6.88	1307.	50.	5.
2153	0000	-593	37.8072	81.2918	PPNR	0.8	1.7	6.2	2.05	0.28	7.45	1309.	50.	5.
2154	0000	-595	37.8072	81.2925	PPNR	0.8	1.7	5.9	2.10	0.29	7.30	1307.	48.	5.
2155	0000	-594	37.8072	81.2932	PPNR	0.8	1.7	5.8	2.14	0.29	7.35	1284.	51.	5.
2156	0000	-595	37.8072	81.2938	PPNR	0.8	1.6	5.9	2.13	0.27	7.80	1235.	49.	5.
2157	0000	-593	37.8072	81.2944	PPNR	0.8	1.3	5.8	1.75	0.23	7.66	1178.	53.	5.
2158	0000	-588	37.8072	81.2950	(WATER)	0.7	1.3	5.3	1.88	0.25	7.43	1120.	55.	4.
2159	0000	-588	37.8072	81.2957	(WATER)	0.7	1.2	5.2	1.79	0.24	7.55	1074.	53.	3.
2160	0000	-589	37.8072	81.2963	PPNR	0.7	1.4	4.6	2.20	0.31	7.08	1040.	55.	3.
2161	0000	-585	37.8072	81.2969	PPNR	0.7	1.5	4.5 -	2.14	0.32	6.64	1039.	56.	2.
2162	0000	-586	37.8072	81.2976	PPNR	0.7	1.5	4.8	2.09	0.31	6.84	1063.	56.	2.
2163	0000	-586	37.8072	81.2981	PPNR	0.7	1.7	5.2	2.32	0.32	7.16	1118.	56.	2.
2164	0000	-584	37.8072	81.2988	PPNR	0.8	1.9	5.5	2.57 +	0.35	7.36	1177.	56.	2.
2165	0000	-579	37.8072	81.2994	PPNR	0.8	2.1	5.8	2.79 +	0.36	7.64	1235.	56.	1.
2166	0000	-577	37.8072	81.3001	PPNR	0.8	2.0	6.0	2.64 +	0.34	7.76	1258.	56.	1.
2167	0000	-578	37.8072	81.3007	PPNR	0.8	1.8	6.1	2.28	0.29	7.87	1244.	55.	1.
2168	0000	-576	37.8072	81.3013	PPNR	0.7	1.6	5.9	2.18	0.28	7.88	1186.	55.	1.
2169	0000	-575	37.8072	81.3019	PPNR	0.7	1.6	5.3	2.31	0.31	7.47	1131.	52.	2.
2170	0000	-575	37.8072	81.3026	PPNR	0.7	1.5	5.0	2.22	0.31	7.27	1088.	54.	2.
2171	0000	-572	37.8072	81.3032	PPNR	0.7	1.3	4.9	1.88	0.27	6.91	1066.	50.	2.
2172	0000	-570	37.8072	81.3038	PPNR	0.7	1.2	5.3	1.61	0.22	7.23	1076.	49.	2.
2173	0000	-571	37.8072	81.3045	PPNR	0.8	1.4	5.4	1.78	0.25	7.02	1108	51.	2.
2174	0000	-570	37.8072	81.3051	PPNR	0.8	1.5	5.7	1.84	0.26	7.12	1169.	53.	2.
2175	0000	-563	37.8072	81.3057	PPNR	0.8	1.7	6.0	1.97	0.28	7.17	1244.	54.	2.
2176	0000	-563	37.8072	81.3064	PPNR	0.9	1.6	6.7	1.86	0.24	7.59	1310.	56.	2.
2177	0000	-567	37.8072	81.3070	PPNR	0.9	1.7	7.0	1.90	0.25	7.58	1371.	56.	3.
2178	0000	-564	37.8072	81.3076	PPNR	1.0	1.7	7.5 +	1.77	0.23	7.83	1438.	55.	4.
2179	0000	-559	37.8072	81.3083	PPNR	1.0	1.7	7.0	1.73	0.25	6.96	1476.	56.	5.
2180	0000	-560	37.8072	81.3088	PPNR	1.0	1.5	7.1	1.45	0.20 -	7.13	1484.	54.	6.
2181	0000	-559	37.8072	81.3095	PPNR	1.0	1.3	7.1	1.27 -	0.18 -	6.89	1477.	51.	7.
2182	0000	-555	37.8072	81.3101	PPNR	1.0	1.3	6.8	1.26 -	0.19 -	6.53	1468.	51.	7.
2183	0000	-557	37.8072	81.3108	PPNR	1.0	1.4	6.6	1.34	0.21 -	6.45	1463.	50.	7.
2184	0000	-555	37.8072	81.3114	PPNR	1.0	1.1 -	6.2	1.13 -	0.18 -	6.17	1425.	52.	7.
2185	0000	-552	37.8072	81.3120	PPNR	1.0	1.2	5.9	1.23 -	0.20 -	6.00	1390.	54.	5.
2186	0000	-554	37.8072	81.3127	PPNR	0.9	1.0 -	6.3	1.03 -	0.15 --	6.71	1344.	54.	4.
2187	0000	-554	37.8072	81.3133	PPNR	0.9	1.3	5.8	1.40	0.22	6.36	1316.	56.	4.
2188	0000	-550	37.8072	81.3139	PPNR	0.9	1.2	5.6	1.37	0.22	6.37	1289.	56.	4.
2189	0000	-553	37.8072	81.3146	PPNR	0.8	1.1 -	5.5	1.26	0.19 -	6.54	1263.	57.	4.
2190	0000	-550	37.8072	81.3152	PPNR	0.9	1.0 -	5.7	1.11 -	0.17 -	6.45	1269.	56.	5.
2191	0000	-544	37.8072	81.3158	PPNR	0.9	1.2 -	5.8	1.23 -	0.20 -	6.11	1285.	53.	5.
2192	0000	-545	37.8072	81.3164	PPNR	0.9	1.2	5.4	1.33	0.23	5.85	1262.	53.	6.
2193	0000	-545	37.8072	81.3171	PPNR	0.9	1.4	4.7	1.57	0.30	5.20 -	1245.	53.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-542	37.8072	81.3177	PPNR	0.9	1.2	4.7	1.35	0.27	5.04 -	1255.	53.	7.
2195	0000	-545	37.8072	81.3183	PPNR	0.9	1.4	4.6	1.50	0.31	4.88 -	1266.	54.	7.
2196	0000	-541	37.8072	81.3190	PPNR	0.9	1.5	4.6	1.68	0.33	5.07 -	1261.	52.	7.
2197	0000	-534	37.8072	81.3195	PPNR	0.9	1.7	4.3 -	1.94	0.39 +	5.00 -	1225.	51.	6.
2198	0000	-535	37.8072	81.3202	PPNR	0.8	1.7	4.1 -	2.11	0.41 +	5.15 -	1197	53.	6.
2199	0000	-534	37.8072	81.3208	PPNR	0.8	1.7	4.1 -	2.26	0.43 +	5.30 -	119	54.	4.
2200	0000	-533	37.8072	81.3214	PPNR	0.8	1.8	4.7	2.31	0.38 +	6.12	122	54.	3.
2201	0000	-535	37.8072	81.3221	PPNR	0.8	1.8	5.1	2.43	0.36	6.82	122	55.	2.
2202	0000	-534	37.8072	81.3228	PPNR	0.8	1.8	5.2	2.30	0.34	6.74	12	54.	1.
2203	0000	-531	37.8072	81.3234	PPNR	0.8	1.8	5.5	2.32	0.33	7.01	1251.	56.	1.
2204	0000	-527	37.8072	81.3240	PPNR	0.8	1.7	5.8	2.18	0.30	7.30	1276.	57.	2.
2205	0000	-527	37.8072	81.3246	PPNR	0.8	1.6	6.1	1.95	0.27	7.15	1323.	55.	2.
2206	0000	-527	37.8072	81.3253	PPNR	1.0	1.6	6.6	1.65	0.24	6.88	1378.	52.	3.
2207	0000	-522	37.8072	81.3259	PPNR	1.1	1.5	6.7	1.42	0.22	6.33	1448.	54.	4.
2208	0000	-520	37.8072	81.3265	PPNR	1.1	1.6	7.0	1.47	0.23	6.38	1517.	54.	5.
2209	0000	-520	37.8072	81.3271	PPNR	1.2	1.7	7.6 +	1.46	0.22	6.52	1615.	55.	5.
2210	0000	-516	37.8072	81.3277	PPNR	1.3 +	1.5	7.9 +	1.23 -	0.20 -	6.31	1685.	54.	6.
2211	0000	-515	37.8072	81.3284	PPNR	1.3 +	1.5	7.8 +	1.18 -	0.20 -	5.93	1739.	55.	6.
2212	0000	-517	37.8072	81.3290	PPNR	1.3 +	1.6	8.4 +	1.22 -	0.19 -	6.35	1774.	56.	5.
2213	0000	-516	37.8072	81.3297	PPNR	1.3 +	1.7	8.0 +	1.31 -	0.21	6.11	1780.	57.	4.
2214	0000	-514	37.8072	81.3302	PPNR	1.3 +	1.9	8.0 +	1.50	0.24	6.20	1780.	55.	4.
2215	0000	-513	37.8072	81.3309	PPNR	1.3 +	1.9	8.0 +	1.51	0.24	6.28	1772.	52.	3.
2216	0000	-512	37.8071	81.3316	PPNR	1.2	2.1	7.9 +	1.74	0.27	6.52	1739.	51.	3.
2217	0000	-510	37.8071	81.3322	PPNR	1.2	2.2	7.5 +	1.88	0.30	6.29	1719.	51.	2.
2218	0000	-506	37.8071	81.3328	PPNR	1.2	2.4 +	7.7 +	2.00	0.31	6.49	1709.	51.	1.
2219	0000	-505	37.8071	81.3335	PPNR	1.1	2.3 +	7.3	2.03	0.32	6.36	1672.	52.	1.
2220	0000	-505	37.8071	81.3340	PPNR	1.1	2.4 +	7.4 +	2.16	0.32	6.74	1649.	51.	1.
2221	0000	-502	37.8071	81.3347	PPNR	1.0	2.4 +	7.1	2.31	0.33	6.93	1600.	50.	1.
2222	0000	-500	37.8071	81.3353	PPNR	1.0	2.3 +	6.9	2.32	0.33	6.96	1551.	52.	1.
2223	0000	-498	37.8071	81.3360	PPNR	1.0	2.2	6.2	2.22	0.36	6.19	1510.	51.	1.
2224	0000	-497	37.8071	81.3366	PPNR	0.9	2.2	6.2	2.33	0.36	6.53	1460.	48.	1.
2225	0000	-499	37.8071	81.3372	PPNR	0.9	2.3	6.1	2.48	0.37	6.71	1430.	45.	1.
2226	0000	-497	37.8071	81.3379	PPNR	0.9	2.4 +	6.1	2.63 +	0.39 +	6.72	1430.	44.	1.
2227	0000	-495	37.8071	81.3384	PPNR	0.9	2.4 +	6.1	2.62 +	0.40 +	6.52	1462.	45.	1.
2228	0000	-495	37.8071	81.3391	PPNR	1.0	2.6 +	6.5	2.64 +	0.40 +	6.61	1522.	44.	1.
2229	0000	-491	37.8071	81.3398	PPNR	1.0	2.6 +	6.6	2.51	0.38 +	6.53	1555.	43.	1.
2230	0000	-490	37.8071	81.3403	PPNR	1.0	2.5 +	7.3	2.52	0.35	7.26	1591.	43.	0.
2231	0000	-493	37.8071	81.3409	PPNR	1.0	2.7 +	7.1	2.60 +	0.38 +	6.82	1637.	44.	0.
2232	0000	-492	37.8071	81.3415	PPNR	1.1	2.5 +	7.2	2.41	0.35	6.87	1641.	46.	0.
2233	0000	-488	37.8071	81.3420	PPNR	1.1	2.4 +	6.8	2.28	0.36	6.42	1611.	45.	0.
2234	0000	-485	37.8071	81.3426	PPNR	1.0	2.4 +	6.8	2.42	0.35	6.97	1557.	44.	0.
2235	0000	-485	37.8071	81.3431	PPNR	1.0	2.0	6.2	2.10	0.32	6.48	1453.	46.	2.
2236	0000	-483	37.8071	81.3437	PPNR	0.9	1.9	5.7	2.13	0.34	6.25	1397.	46.	3.
2237	0000	-482	37.8071	81.3442	PPNR	0.9	1.9	5.2	2.13	0.37	5.81	1365.	47.	4.
2238	0000	-482	37.8072	81.3447	PPNR	0.9	1.8	5.5	1.98	0.32	6.17	1348.	47.	6.
2239	0000	-480	37.8072	81.3453	PPNR	0.9	1.9	5.5	2.16	0.35	6.23	1388.	46.	7.
2240	0000	-477	37.8072	81.3458	PPNR	0.9	1.9	6.2	2.12	0.31	6.84	1440.	48.	7.
2241	0000	-476	37.8072	81.3464	PPNR	0.9	1.8	6.3	2.00	0.29	6.79	1464.	49.	7.
2242	0000	-475	37.8072	81.3469	PPNR	0.9	1.9	6.9	2.09	0.27	7.79	1504.	48.	6.
2243	0000	-475	37.8072	81.3475	PPNR	0.9	2.0	7.0	2.22	0.29	7.63	1514.	48.	5.
2244	0000	-472	37.8072	81.3480	PPNR	0.9	1.9	7.0	2.10	0.28	7.59	1499.	49.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-468	37.8072	81.3486	PPNR	0.8	2.0	6.9	2.37	0.29	8.27 +	1437.	50.	3.
2246	0000	-470	37.8072	81.3491	PPNR	0.8	1.9	6.4	2.43	0.30	8.18 +	1347.	51.	2.
2247	0000	-469	37.8072	81.3497	PPNR	0.7	1.9	5.8	2.67 +	0.33	8.01 +	1290.	50.	2.
2248	0000	-469	37.8072	81.3502	PPNR	0.7	1.9	5.6	2.54	0.34	7.51	1283.	50.	2.
2249	0000	-470	37.8072	81.3507	PPNR	0.8	2.0	5.3	2.70 +	0.38 +	7.04	1270.	52.	3.
2250	0000	-466	37.8072	81.3513	PPNR	0.7	1.9	5.5	2.61 +	0.34	7.66	1284.	52.	4.
2251	0000	-463	37.8072	81.3518	PPNR	0.7	2.1	5.6	2.86 +	0.38 +	7.54	1315.	52.	4.
2252	0000	-464	37.8072	81.3524	PPNR	0.9	1.9	6.1	2.27	0.31	7.22	1386.	51.	5.
2253	0000	-460	37.8072	81.3529	PPNR	0.9	1.9	6.4	2.08	0.31	6.82	1457.	52.	6.
2254	0000	-459	37.8073	81.3534	PPNR	1.0	2.1	6.5	2.20	0.32	6.78	1489.	52.	6.
2255	0000	-459	37.8073	81.3540	PPNR	1.0	2.1	6.5	2.04	0.32	6.45	1467.	53.	7.
2256	0000	-458	37.8073	81.3546	PPNR	1.0	2.0	6.6	2.05	0.31	6.66	1472.	50.	6.
2257	0000	-457	37.8073	81.3551	PPNR	1.0	2.3 +	6.3	2.25	0.36	6.22	1477.	52.	6.
2258	0000	-454	37.8073	81.3557	PPNR	1.0	2.0	6.3	2.11	0.32	6.55	1465.	50.	6.
2259	0000	-451	37.8072	81.3562	PPNR	0.9	2.2	5.9	2.41	0.38 +	6.38	1449.	51.	5.
2260	0000	-452	37.8072	81.3568	PPNR	0.9	2.1	5.7	2.27	0.37	6.11	1416.	52.	4.
2261	0000	-452	37.8073	81.3573	PPNR	0.9	1.9	5.7	2.03	0.34	6.02	1405.	54.	3.
2262	0000	-451	37.8073	81.3578	PPNR	0.9	2.0	5.8	2.20	0.34	6.39	1398.	54.	2.
2263	0000	-451	37.8073	81.3584	PPNR	0.9	1.9	5.6	2.10	0.34	6.11	1367.	55.	1.
2264	0000	-452	37.8073	81.3589	PPNR	0.9	1.7	5.7	1.80	0.29	6.21	1332.	54.	1.
2265	0000	-451	37.8073	81.3594	PPNR	0.9	1.7	5.4	1.84	0.32	5.75	1309.	56.	0.
2266	0000	-448	37.8073	81.3600	PPNR	0.9	1.7	5.1	1.89	0.33	5.66	1270.	56.	0.
2267	0000	-447	37.8073	81.3605	PPNR	0.9	1.8	5.5	2.09	0.33	6.37	1242.	55.	0.
2268	0000	-448	37.8073	81.3611	PPNR	0.8	1.7	5.4	2.15	0.32	6.72	1182.	55.	0.
2269	0000	-446	37.8073	81.3617	PPNR	0.7	1.7	5.0	2.27	0.34	6.77	1148.	53.	1.
2270	0000	-447	37.8073	81.3622	PPK	0.7 -	1.7	4.9	2.42 +	0.35 +	6.87 +	1128.	54.	1.
2271	0000	-447	37.8073	81.3628	PPK	0.7 -	1.8	5.0	2.58 +	0.36 +	7.08 +	1129.	54.	2.
2272	0000	-443	37.8073	81.3633	PPK	0.7 -	1.7	5.0	2.45 +	0.34	7.16 +	1112.	54.	2.
2273	0000	-441	37.8074	81.3639	PPK	0.7 -	1.5	5.1	2.04 +	0.29	7.12 +	1094.	53.	3.
2274	0000	-443	37.8073	81.3644	PPK	0.7 -	1.3	5.1	1.82	0.26	6.95 +	1083.	53.	4.
2275	0000	-443	37.8073	81.3650	PPK	0.8 -	1.3	5.3	1.69	0.25	6.89 +	1106.	50.	4.
2276	0000	-442	37.8073	81.3654	PPK	0.8 -	1.1	5.6	1.43	0.20	7.01 +	1129.	52.	5.
2277	0000	-441	37.8074	81.3660	PPK	0.8 -	1.1	6.1	1.30	0.18 -	7.26 ++	1144.	52.	5.
2278	0000	-436	37.8074	81.3665	PPK	0.8	0.9 -	5.7	1.05	0.16 -	6.72 +	1140.	50.	6.
2279	0000	-437	37.8074	81.3671	PPK	0.8 -	0.8 -	5.9	0.91 -	0.13 -	7.05 +	1138.	50.	7.
2280	0000	-439	37.8074	81.3676	PPK	0.8 -	0.9 -	5.9	1.06	0.15 -	7.08 +	1145.	50.	7.
2281	0000	-435	37.8074	81.3682	PPK	0.9	0.7 --	5.8	0.84 -	0.12 -	6.78 +	1159.	50.	8.
2282	0000	-433	37.8074	81.3688	PPK	0.9	0.7 --	5.6	0.85 -	0.13 -	6.45 +	1187.	52.	9.
2283	0000	-436	37.8074	81.3693	PPK	0.9	1.0 -	5.5	1.11	0.17 -	6.45 +	1194.	53.	9.
2284	0000	-433	37.8074	81.3699	PPK	0.9	1.0 -	5.1	1.17	0.20	5.95	1211.	52.	9.
2285	0000	-428	37.8074	81.3703	PPK	0.9	1.0 -	5.4	1.19	0.19	6.20	1218.	55.	9.
2286	0000	-428	37.8074	81.3710	PPK	0.9	1.1	5.0	1.30	0.23	5.71	1229.	55.	8.
2287	0000	-429	37.8074	81.3715	PPK	0.9	1.3	5.0	1.49	0.26	5.66	1252.	56.	7.
2288	0000	-427	37.8074	81.3721	PPK	0.9	1.6	5.2	1.82	0.30	6.04	1280.	56.	5.
2289	0000	-426	37.8074	81.3725	PPK	0.9	1.6	5.6	1.79	0.29	6.23 +	1317.	55.	4.
2290	0000	-426	37.8074	81.3732	PPK	0.9	1.7	6.0	1.79	0.27	6.52 +	1370.	55.	3.
2291	0000	-424	37.8074	81.3736	PPK	1.0	1.7	6.5	1.77	0.27	6.65 +	1417.	56.	2.
2292	0000	-424	37.8075	81.3742	PPK	1.0	2.0	6.6	1.96 +	0.31	6.33 +	1479.	56.	1.
2293	0000	-424	37.8075	81.3748	PPK	1.1	2.0	7.5	1.83	0.27	6.80 +	1538.	55.	1.
2294	0000	-422	37.8075	81.3753	PPK	1.1	2.0	7.9 +	1.75	0.25	6.99 +	1589.	55.	0.
2295	0000	-418	37.8075	81.3759	PPK	1.2	2.1	7.9 +	1.79	0.27	6.65 +	1634.	56.	1.

VALUES AND STATISTICAL SIGNIFICANCES

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-416	37.8075	81.3764		PPK	1.2	2.1	7.8 +	1.79	0.27	6.58 +	1633.	56.	1.
2297	0000	-417	37.8075	81.3770		PPK	1.2	2.2	7.4	1.82	0.29	6.24 +	1633.	53.	3.
2298	0000	-416	37.8075	81.3775		PPK	1.2	2.0	7.6 +	1.70	0.27	6.29 +	1626.	51.	4.
2299	0000	-410	37.8075	81.3781		PPK	1.1	1.9	7.4	1.73	0.26	6.62 +	1582.	50.	5.
2300	0000	-409	37.8075	81.3786		PPK	1.0	1.8	7.1	1.74	0.25	6.88 +	1534.	50.	7.
2301	0000	-413	37.8075	81.3792		PPNR	1.0	1.6	6.8	1.62	0.24	6.81	1483.	49.	8.
2302	0000	-411	37.8075	81.3797		PPNR	0.9	1.4	6.6	1.47	0.21 -	7.06	1417.	48.	9.
2303	0000	-407	37.8075	81.3802		PPNR	0.9	1.3	6.3	1.42	0.20 -	7.06	1373.	49.	10.
2304	0000	-404	37.8075	81.3807		PPNR	0.9	1.2 -	6.2	1.30 -	0.19 -	7.00	1347.	50.	10.
2305	0000	-402	37.8075	81.3813		PPNR	0.9	1.2	6.1	1.32 -	0.19 -	6.92	1344.	54.	10.
2306	0000	-401	37.8075	81.3819		PPNR	0.9	1.0 -	6.3	1.08 -	0.16 -	6.73	1364.	54.	10.
2307	0000	-400	37.8076	81.3824		PPNR	1.0	1.3	6.3	1.32 -	0.20 -	6.53	1387.	54.	10.
2308	0000	-399	37.8076	81.3830		PPNR	1.0	1.5	6.1	1.55	0.25	6.27	1429.	55.	9.
2309	0000	-398	37.8076	81.3835		PPNR	1.0	1.6	6.4	1.55	0.24	6.33	1469.	54.	10.
2310	0000	-395	37.8076	81.3841		PPNR	1.0	1.7	6.8	1.68	0.26	6.57	1509.	55.	10.
2311	0000	-392	37.8076	81.3846		PPNR	1.0	1.8	7.0	1.85	0.26	7.05	1504.	53.	9.
2312	0000	-391	37.8076	81.3852		PPNR	0.9	1.7	7.2	1.88	0.24	7.75	1492.	50.	9.
2313	0000	-392	37.8076	81.3857		PPNR	0.9	1.7	7.5 +	1.90	0.22	8.55 +	1477.	50.	9.
2314	0000	-393	37.8076	81.3862		PPNR	0.9	1.6	7.3	1.91	0.22	8.52 +	1465.	50.	10.
2315	0000	-389	37.8076	81.3868		PPNR	0.8	1.5	7.5 +	1.78	0.20 -	9.00 +	1438.	50.	10.
2316	0000	-385	37.8076	81.3874		PPNR	0.8	1.8	7.2	2.25	0.25	9.10 +	1428.	51.	9.
2317	0000	-384	37.8076	81.3878		PPNR	0.8	1.7	7.0	2.02	0.24	8.37 +	1425.	51.	8.
2318	0000	-383	37.8076	81.3884		PPNR	0.8	1.6	7.3	1.88	0.22	8.59 +	1427.	53.	8.
2319	0000	-382	37.8076	81.3890		PPNR	0.9	1.8	6.7	2.08	0.27	7.79	1430.	53.	7.
2320	0000	-383	37.8076	81.3895		PPNR	0.9	2.0	6.4	2.25	0.31	7.18	1443.	52.	6.
2321	0000	-379	37.8076	81.3901		PPNR	0.9	1.9	6.6	2.04	0.29	7.14	1461.	52.	5.
2322	0000	-376	37.8076	81.3906		PPNR	0.9	1.9	6.5	2.05	0.30	6.95	1476.	51.	5.
2323	0000	-380	37.8077	81.3912		PPNR	1.0	1.6	6.9	1.70	0.24	7.14	1484.	50.	5.
2324	0000	-379	37.8077	81.3917		PPNR	0.9	1.7	6.8	1.92	0.26	7.53	1472.	51.	4.
2325	0000	-374	37.8077	81.3923		PPNR	0.9	1.8	6.5	1.93	0.27	7.07	1465.	50.	4.
2326	0000	-376	37.8077	81.3927		PPNR	0.9	1.7	6.3	1.83	0.27	6.77	1432.	53.	4.
2327	0000	-375	37.8077	81.3934		PPNR	0.9	1.6	6.2	1.80	0.26	6.99	1406.	55.	4.
2328	0000	-371	37.8077	81.3939		PPNR	0.9	1.6	5.8	1.87	0.28	6.76	1363.	56.	3.
2329	0000	-371	37.8077	81.3944		PPNR	0.8	1.4	5.9	1.69	0.24	7.07	1313.	57.	3.
2330	0000	-372	37.8077	81.3950		PPNR	0.8	1.5	5.4	1.80	0.27	6.65	1255.	58.	3.
2331	0000	-373	37.8077	81.3955		PPK	0.8 -	1.5	5.1	1.92	0.30	6.36 +	1202.	55.	2.
2332	0000	-372	37.8077	81.3961		PPK	0.8 -	1.4	4.5 -	1.89	0.31	5.99	1152.	56.	2.
2333	0000	-368	37.8077	81.3966		PPK	0.7 -	1.5	4.6 -	2.11 +	0.33	6.34 +	1131.	55.	1.
2334	0000	-367	37.8077	81.3972		PPK	0.7 -	1.6	4.4 -	2.23 +	0.36 +	6.21	1108.	55.	1.
2335	0000	-368	37.8077	81.3977		PPK	0.7 -	1.8	4.4 -	2.57 +	0.39 +	6.51 +	1112.	55.	0.
2336	0000	-367	37.8077	81.3983		PPK	0.7 -	2.0	4.3 -	2.76 ++	0.47 ++	5.82	1150.	54.	0.
2337	0000	-363	37.8077	81.3988		PPK	0.8 -	2.1	4.7	2.76 ++	0.45 ++	6.11	1211.	54.	0.
2338	0000	-362	37.8077	81.3993		PPK	0.8 -	2.1	5.2	2.57 +	0.40 +	6.40 +	1299.	56.	1.
2339	0000	-361	37.8077	81.3999		PPK	0.9	2.1	5.9	2.27 +	0.36 +	6.35 +	1385.	53.	2.
2340	0000	-360	37.8077	81.4004		PPK	1.0	1.9	6.1	2.04 +	0.32	6.40 +	1440.	55.	3.
2341	0000	-358	37.8077	81.4010		PPK	1.0	2.0	6.4	1.93 +	0.31	6.29 +	1501.	52.	5.
2342	0000	-352	37.8077	81.4015		PPK	1.1	1.8	6.7	1.68	0.27	6.28 +	1525.	50.	6.
2343	0000	-350	37.8077	81.4021		PPK	1.0	1.6	6.8	1.55	0.24	6.61 +	1507.	52.	8.
2344	0000	-354	37.8077	81.4026		PPK	1.0	1.4	6.7	1.42	0.21	6.82 +	1493.	52.	9.
2345	0000	-353	37.8077	81.4032		PPK	1.0	1.3	6.5	1.38	0.20	6.75 +	1444.	49.	10.
2346	0000	-352	37.8078	81.4037		PPK	0.9	1.3	6.1	1.46	0.21	6.87 +	1396.	52.	10.

CP9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK. UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-352	37.8078	81.4043	PPK	0.8 -	1.3	5.8	1.56	0.22	6.98 +	1356.	51.	10.
2348	0000	-349	37.8078	81.4048	PPK	0.8 -	1.1	5.6	1.45	0.20	7.07 +	1295.	50.	9.
2349	0000	-349	37.8078	81.4053	PPK	0.7 -	1.2	5.2	1.73	0.24	7.34 ++	1249.	53.	8.
2350	0000	-350	37.8078	81.4059	PPK	0.7 -	1.3	5.0	1.84	0.27	6.94 +	1221.	50.	6.
2351	0000	-348	37.8078	81.4064	PPK	0.7 -	1.5	4.7	2.27 +	0.33	6.94 +	1158.	51.	5.
2352	0000	-346	37.8078	81.4070	PPNR	0.6 -	1.6	4.5 -	2.72 +	0.36	7.54	1087.	52.	3.
2353	0000	-345	37.8078	81.4075	PPNR	0.5 -	1.6	4.4 -	2.96 +	0.37	8.05 +	1027.	53.	2.
2354	0000	-345	37.8078	81.4080	PPNR	0.5 -	1.6	4.2 -	3.02 +	0.38 +	8.00 +	969.	54.	1.
2355	0000	-346	37.8078	81.4086	PPNR	0.5 -	1.6	3.7 -	3.63 ++	0.45 +	8.08 +	913.	54.	1.
2356	0000	-342	37.8078	81.4092	PPNR	0.5 -	1.6	3.3 -	3.52 +	0.49 +	7.16	865.	54.	1.
2357	0000	-341	37.8078	81.4097	PPNR	0.4 -	1.6	3.2 -	3.72 ++	0.49 +	7.65	825.	54.	1.
2358	0000	-341	37.8078	81.4103	PPNR	0.4 -	1.5	3.1 --	3.47 +	0.49 +	7.15	808.	53.	1.
2359	0000	-342	37.8078	81.4108	PPNR	0.5 -	1.3	3.0 --	2.93 +	0.44 +	6.63	812.	54.	2.
2360	0000	-343	37.8078	81.4113	PPNR	0.5 -	1.3	3.1 --	2.60 +	0.41 +	6.36	841.	53.	3.
2361	0000	-341	37.8079	81.4119	PPNR	0.5 -	1.4	3.4 -	2.60 +	0.41 +	6.39	873.	52.	3.
2362	0000	-339	37.8079	81.4124	PPNR	0.6 -	1.4	3.7 -	2.40	0.39 +	6.23	913.	50.	3.
2363	0000	-338	37.8079	81.4130	PPNR	0.6 -	1.3	4.0 -	2.37	0.34	7.06	938.	49.	4.
2364	0000	-336	37.8079	81.4135	PPNR	0.6 -	1.3	4.0 -	2.40	0.34	7.06	960.	51.	5.
2365	0000	-338	37.8079	81.4140	PPNR	0.6 -	1.3	4.3 -	2.19	0.30	7.27	997.	51.	4.
2366	0000	-339	37.8079	81.4146	PPNR	0.6 -	1.4	4.4 -	2.22	0.31	7.08	1042.	49.	4.
2367	0000	-338	37.8079	81.4151	PPNR	0.7	1.5	4.6	2.27	0.33	6.92	1061.	48.	3.
2368	0000	-338	37.8079	81.4157	PPNR	0.7	1.4	5.1	1.98	0.27	7.26	1106.	47.	3.
2369	0000	-335	37.8079	81.4163	PPNR	0.8	1.4	5.7	1.78	0.24	7.41	1162.	48.	3.
2370	0000	-334	37.8079	81.4168	PPNR	0.9	1.5	6.2	1.65	0.24	6.92	1238.	48.	2.
2371	0000	-335	37.8079	81.4174	PPNR	1.0	1.7	6.6	1.64	0.25	6.46	1328.	49.	1.
2372	0000	-332	37.8079	81.4179	PPNR	1.1	2.0	6.6	1.83	0.29	6.23	1378.	51.	1.
2373	0000	-330	37.8079	81.4185	PPNR	1.1	2.0	6.9	1.76	0.29	6.18	1414.	52.	2.
2374	0000	-333	37.8079	81.4190	PPNR	1.1	2.0	7.2	1.75	0.27	6.44	1457.	52.	2.
2375	0000	-332	37.8079	81.4195	PPNR	1.1	2.1	6.6	1.87	0.32	5.78	1491.	53.	2.
2376	0000	-329	37.8079	81.4200	PPNR	1.1	2.3 +	6.4	2.07	0.36	5.73	1518.	53.	3.
2377	0000	-328	37.8080	81.4206	PPNR	1.1	2.5 +	6.3	2.31	0.40 +	5.77	1548.	53.	3.
2378	0000	-329	37.8080	81.4211	PPNR	1.1	2.4 +	6.7	2.31	0.36	6.41	1561.	50.	4.
2379	0000	-330	37.8080	81.4217	PPNR	1.1	2.4 +	6.6	2.22	0.36	6.22	1585.	49.	5.
2380	0000	-327	37.8080	81.4222	PPNR	1.1	2.4 +	7.0	2.26	0.35	6.52	1618.	50.	4.
2381	0000	-327	37.8080	81.4228	PPNR	1.1	2.6 +	6.9	2.34	0.37	6.30	1636.	51.	4.
2382	0000	-329	37.8080	81.4234	PPNR	1.1	2.6 +	7.2	2.26	0.36	6.37	1661.	50.	4.
2383	0000	-327	37.8080	81.4239	PPNR	1.2	2.3 +	7.7 +	1.99	0.30	6.57	1688.	49.	5.
2384	0000	-327	37.8080	81.4244	PPK	1.2	2.2 +	7.6 +	1.80	0.29	6.18	1709.	52.	5.
2385	0000	-327	37.8080	81.4250	PPK	1.3	2.2 +	7.4	1.72	0.30	5.78	1751.	53.	5.
2386	0000	-327	37.8080	81.4256	PPK	1.3	2.1	7.9 +	1.60	0.27	5.89	1797.	53.	4.
2387	0000	-328	37.8080	81.4260	PPK	1.3	2.3 +	7.6 +	1.74	0.31	5.69	1814.	52.	4.
2388	0000	-326	37.8080	81.4266	PPK	1.4	2.3 +	7.8 +	1.63	0.29	5.64	1838.	52.	4.
2389	0000	-323	37.8080	81.4271	PPK	1.4	2.3 +	8.1 +	1.68	0.28	6.02	1865.	54.	3.
2390	0000	-327	37.8080	81.4277	PPK	1.4	2.4 +	8.2 +	1.76	0.30	5.96	1880.	56.	3.
2391	0000	-328	37.8080	81.4282	PPK	1.4	2.6 +	8.4 +	1.82	0.31	5.95	1889.	54.	1.
2392	0000	-328	37.8080	81.4288	PPK	1.4 +	2.8 +	8.4 +	1.91	0.33	5.83	1920.	53.	1.
2393	0000	-330	37.8080	81.4294	PPK	1.5 +	2.7 +	8.6 +	1.81	0.31	5.79	1939.	54.	1.
2394	0000	-330	37.8080	81.4299	PPK	1.6 +	2.5 +	9.2 ++	1.55	0.27	5.66	1995.	54.	1.
2395	0000	-331	37.8080	81.4305	PPK	1.7 +	2.7 +	9.8 ++	1.59	0.27	5.79	2071.	55.	0.
2396	0000	-332	37.8080	81.4310	PPK	1.9 ++	2.7 +	10.3 ++	1.41	0.26	5.43	2170.	55.	0.
2397	0000	-329	37.8080	81.4315	PPK	2.0 ++	2.5 +	10.3 ++	1.26	0.25	5.11	2253.	55.	1.

CP9 IP 12

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-331	37.8080	81.4321		PPK	2.1 ++	2.2 +	11.0 +++	1.04	0.20	5.18	2335.	55.	2.
2399	0000	-333	37.8080	81.4327		PPK	2.2 ++	2.1	11.3 +++	0.96 -	0.18 -	5.18	2366.	57.	3.
2400	0000	-331	37.8081	81.4331		PPK	2.2 ++	2.2 +	11.6 +++	1.00 -	0.19	5.16	2433.	58.	4.
2401	0000	-335	37.8081	81.4337		PPK	2.2 ++	2.7 +	11.4 +++	1.20	0.23	5.12	2497.	57.	4.
2402	0000	-336	37.8081	81.4342		PPK	2.3 ++	2.6 +	11.0 +++	1.14	0.23	4.87	2500.	58.	5.
2403	0000	-333	37.8081	81.4348		PPK	2.1 ++	2.7 +	10.4 +++	1.27	0.26	4.91	2437.	59.	5.
2404	0000	-337	37.8081	81.4353		PPK	2.1 ++	2.8 +	10.6 +++	1.35	0.26	5.10	2402.	59.	4.
2405	0000	-340	37.8081	81.4359		PPK	2.0 ++	3.1 +	10.1 ++	1.51	0.30	4.96	2361.	59.	2.
2406	0000	-337	37.8081	81.4365		PPK	2.0 ++	3.2 ++	9.9 ++	1.59	0.32	4.99	2340.	58.	1.
2407	0000	-336	37.8081	81.4370		PPK	2.0 ++	3.1 +	10.0 ++	1.54	0.31	5.01	2285.	60.	1.
2408	0000	-337	37.8081	81.4376		PPK	2.0 ++	2.7 +	9.9 ++	1.38	0.28	5.00	2232.	62.	1.
2409	0000	-338	37.8081	81.4380		PPK	1.9 ++	2.9 +	9.8 ++	1.47	0.29	5.05	2219.	60.	0.
2410	0000	-338	37.8081	81.4387		PPK	2.0 ++	2.8 +	10.0 ++	1.40	0.28	5.02	2238.	61.	0.
2411	0000	-337	37.8081	81.4392		PPK	2.0 ++	2.9 +	9.9 ++	1.46	0.29	4.95	2271.	63.	0.
2412	0000	-336	37.8081	81.4397		PPK	2.1 ++	3.0 +	10.7 +++	1.47	0.28	5.18	2329.	62.	0.
2413	0000	-338	37.8081	81.4402		PPK	2.2 ++	2.8 +	10.8 +++	1.31	0.26	5.00	2358.	64.	0.
2414	0000	-336	37.8081	81.4409		PPK	2.2 ++	2.8 +	10.9 +++	1.27	0.26	4.95	2406.	62.	0.
2415	0000	-335	37.8082	81.4413		PPK	2.2 ++	2.7 +	10.9 +++	1.20	0.25	4.85	2402.	61.	0.
2416	0000	-337	37.8082	81.4419		PPK	2.3 ++	2.7 +	10.8 +++	1.20	0.25	4.75	2407.	62.	0.
2417	0000	-336	37.8082	81.4424		PPK	2.3 ++	2.7 +	10.9 +++	1.20	0.25	4.78	2405.	60.	0.
2418	0000	-335	37.8082	81.4430		PPK	2.3 ++	2.5 +	10.6 +++	1.09	0.24	4.58 -	2379.	59.	1.
2419	0000	-336	37.8082	81.4436		PPK	2.2 ++	2.5 +	9.8 ++	1.15	0.26	4.46 -	2317.	61.	1.
2420	0000	-336	37.8082	81.4441		PPK	2.1 ++	2.7 +	9.8 ++	1.26	0.27	4.64 -	2284.	59.	1.
2421	0000	-335	37.8082	81.4447		PPK	2.0 ++	2.6 +	9.4 ++	1.32	0.28	4.70	2209.	60.	2.
2422	0000	-335	37.8082	81.4452		PPK	2.0 ++	2.7 +	9.6 ++	1.37	0.28	4.89	2224.	60.	2.
2423	0000	-336	37.8082	81.4458		PPK	1.9 ++	2.6 +	9.7 ++	1.37	0.27	5.09	2190.	56.	2.
2424	0000	-336	37.8082	81.4462		PPK	1.9 ++	2.5 +	9.5 ++	1.32	0.26	5.03	2121.	59.	3.
2425	0000	-337	37.8082	81.4469		PPK	1.7 +	2.4 +	9.5 ++	1.40	0.26	5.44	2053.	60.	3.
2426	0000	-335	37.8082	81.4474		PPK	1.7 +	2.1	9.4 ++	1.22	0.22	5.47	2008.	59.	5.
2427	0000	-332	37.8082	81.4479		PPK	1.6 +	2.1	9.0 ++	1.33	0.23	5.68	1928.	58.	5.
2428	0000	-331	37.8082	81.4484		PPK	1.5 +	2.2 +	8.7 +	1.47	0.26	5.72	1884.	55.	4.
2429	0000	-332	37.8082	81.4490		PPK	1.4	2.2 +	7.7 +	1.56	0.29	5.47	1786.	55.	4.
2430	0000	-334	37.8082	81.4495		PPK	1.4	1.9	7.7 +	1.41	0.25	5.62	1737.	56.	4.
2431	0000	-332	37.8083	81.4501		PPK	1.3	2.0	7.5	1.56	0.27	5.75	1725.	54.	3.
2432	0000	-331	37.8083	81.4507		PPK	1.3	2.2 +	7.2	1.73	0.30	5.72	1705.	50.	3.
2433	0000	-333	37.8082	81.4512		PPK	1.2	2.4 +	6.9	1.93 +	0.34	5.62	1683.	50.	2.
2434	0000	-332	37.8082	81.4518		PPK	1.2	2.2 +	6.8	1.81	0.33	5.52	1675.	50.	2.
2435	0000	-330	37.8082	81.4523		PPK	1.2	2.2 +	6.6	1.78	0.33	5.33	1655.	51.	2.
2436	0000	-330	37.8082	81.4529		PPK	1.2	2.0	6.6	1.63	0.31	5.35	1644.	49.	3.
2437	0000	-331	37.8082	81.4534		PPK	1.3	2.1	6.4	1.64	0.32	5.14	1654.	48.	3.
2438	0000	-333	37.8083	81.4540		PPK	1.3	2.3 +	7.0	1.70	0.32	5.23	1686.	47.	4.
2439	0000	-331	37.8083	81.4544		PPK	1.4	2.1	7.1	1.49	0.30	5.04	1704.	50.	4.
2440	0000	-331	37.8083	81.4550		PPK	1.4	2.0	7.2	1.48	0.28	5.25	1693.	50.	3.
2441	0000	-334	37.8083	81.4556		PPK	1.4	2.0	7.2	1.44	0.28	5.24	1679.	50.	4.
2442	0000	-334	37.8083	81.4561		PPK	1.3	2.0	7.0	1.47	0.28	5.26	1672.	51.	3.
2443	0000	-333	37.8083	81.4567		PPK	1.3	2.0	7.5	1.59	0.27	5.88	1[illegible]67.	52.	2.
2444	0000	-334	37.8083	81.4572		PPK	1.2	2.3 +	7.4	1.89	0.31	6.11	1[illegible]38.	53.	2.
2445	0000	-333	37.8083	81.4578		PPK	1.2	1.8	7.2	1.53	0.26	5.98	1599.	53.	2.
2446	0000	-336	37.8083	81.4583		PPK	1.2	1.7	7.2	1.44	0.24	5.95	1599.	53.	3.
2447	0000	-339	37.8083	81.4589		PPK	1.3	2.1	7.5	1.61	0.28	5.84	1658.	52.	3.
2448	0000	-339	37.8083	81.4594		PPK	1.4 +	2.0	7.6 +	1.43	0.27	5.28	1738.	53.	4.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-340	37.8083	81.4600	PPK	1.5 +	1.7	7.8 +	1.11	0.22	5.11	1770.	53.	5.
2450	0000	-341	37.8083	81.4605	PPK	1.6 +	1.6	7.6 +	0.98 -	0.21	4.74	1793.	57.	6.
2451	0000	-341	37.8083	81.4610	PPK	1.6 +	1.4	7.6 +	0.83 -	0.18 -	4.62 -	1787.	56.	7.
2452	0000	-341	37.8083	81.4615	PPK	1.6 +	1.4	7.4	0.87 -	0.19	4.58 -	1774.	57.	7.
2453	0000	-343	37.8083	81.4621	PPNR	1.6 ++	1.7	6.9	1.07 -	0.24	4.39 --	1747.	57.	6.
2454	0000	-342	37.8084	81.4627	PPNR	1.5 +	1.3	6.7	0.88 --	0.20 -	4.46 --	1674.	57.	6.
2455	0000	-342	37.8084	81.4632	PPNR	1.4 +	1.3	6.6	0.88 --	0.19 -	4.66 -	1599.	57.	6.
2456	0000	-346	37.8084	81.4638	PPNR	1.4 +	1.6	6.6	1.13 -	0.24	4.72 -	1590.	56.	5.
2457	0000	-347	37.8084	81.4643	PPNR	1.5 +	1.7	6.6	1.13 -	0.25	4.45 --	1618.	54.	4.
2458	0000	-344	37.8084	81.4649	PPNR	1.6 ++	1.7	6.7	1.07 -	0.25	4.30 --	1650.	56.	3.
2459	0000	-344	37.8084	81.4654	PPNR	1.6 ++	1.9	6.7	1.19 -	0.29	4.15 --	1700.	56.	4.
2460	0000	-345	37.8084	81.4660	PPNR	1.7 ++	1.7	6.8	1.04 -	0.25	4.11 --	1739.	55.	5.
2461	0000	-345	37.8084	81.4665	PPNR	1.7 ++	1.6	6.9	0.92 --	0.24	3.92 --	1784.	56.	6.
2462	0000	-345	37.8084	81.4670	PPNR	1.8 ++	1.6	7.0	0.87 --	0.22	3.87 --	1839.	54.	6.
2463	0000	-346	37.8084	81.4676	PPK	1.8 +	1.6	6.9	0.92 -	0.24	3.85 --	1898.	53.	7.
2464	0000	-346	37.8084	81.4681	PPK	1.7 +	1.5	7.6 +	0.86 -	0.20	4.37 -	1915.	54.	8.
2465	0000	-347	37.8084	81.4687	PPK	1.7 +	1.4	8.2 +	0.81 -	0.17 -	4.77	1924.	55.	8.
2466	0000	-348	37.8084	81.4692	PPK	1.7 +	1.3	8.9 +	0.80 -	0.15 -	5.34	1923.	53.	8.
2467	0000	-348	37.8084	81.4697	PPK	1.6 +	1.3	9.8 ++	0.82 -	0.14 -	6.07	1919.	54.	8.
2468	0000	-346	37.8084	81.4703	PPK	1.6 +	1.5	9.8 ++	0.93 -	0.15 -	6.11	1922.	53.	8.
2469	0000	-349	37.8085	81.4709	PPK	1.6 +	1.7	10.3 ++	1.06	0.16 -	6.48 +	1946.	52.	9.
2470	0000	-350	37.8085	81.4714	PPK	1.6 +	1.3	10.3 ++	0.85 -	0.13 -	6.61 +	1885.	55.	10.
2471	0000	-349	37.8085	81.4719	PPK	1.5 +	1.5	9.8 ++	1.00	0.15 -	6.51 +	1841.	54.	11.
2472	0000	-349	37.8085	81.4725	PPK	1.4 +	1.5	8.9 +	1.04	0.17 -	6.20	1790.	53.	12.
2473	0000	-349	37.8085	81.4730	PPK	1.4	1.4	8.4 +	0.98 -	0.16 -	6.06	1736.	55.	13.
2474	0000	-348	37.8085	81.4736	PPK	1.4	1.3	7.4	0.94 -	0.18 -	5.23	1705.	55.	14.
2475	0000	-352	37.8084	81.4741	PPK	1.4	1.1	7.2	0.78 -	0.15 -	5.20	1671.	55.	14.
2476	0000	-353	37.8084	81.4747	PPK	1.3	1.2	6.9	0.89 -	0.17 -	5.13	1612.	57.	13.
2477	0000	-349	37.8085	81.4752	PPK	1.4	1.3	6.8	0.96 -	0.20	4.88	1624.	54.	12.
2478	0000	-348	37.8085	81.4757	PPK	1.5 +	1.3	7.0	0.90 -	0.19	4.77	1660.	52.	11.
2479	0000	-351	37.8085	81.4763	PPK	1.5 +	1.7	7.2	1.13	0.23	4.84	1718.	49.	8.
2480	0000	-352	37.8085	81.4768	PPK	1.5 +	1.9	7.2	1.25	0.27	4.68 -	1758.	49.	7.
2481	0000	-352	37.8085	81.4774	PPK	1.5 +	2.2 +	7.9 +	1.44	0.28	5.17	1801.	48.	4.
2482	0000	-352	37.8085	81.4779	PPK	1.5 +	2.4 +	8.1 +	1.64	0.30	5.51	1777.	48.	2.
2483	0000	-354	37.8085	81.4785	PPK	1.4 +	2.3 +	7.6 +	1.62	0.31	5.29	1736.	48.	2.
2484	0000	-358	37.8085	81.4790	PPK	1.4	2.3 +	7.5	1.66	0.30	5.51	1699.	49.	1.
2485	0000	-357	37.8085	81.4796	PPK	1.3	2.5 +	6.9	1.96 +	0.36 +	5.47	1644.	51.	1.
2486	0000	-355	37.8085	81.4801	PPK	1.2	2.2 +	6.8	1.82	0.33	5.50	1573.	54.	1.
2487	0000	-357	37.8085	81.4806	PPK	1.2	2.2 +	6.7	1.84	0.32	5.69	1524.	55.	2.
2488	0000	-359	37.8085	81.4812	PPK	1.1	2.0	5.9	1.72	0.33	5.15	1455.	56.	3.
2489	0000	-359	37.8085	81.4817	PPK	1.2	2.1	5.6	1.73	0.37 +	4.67 -	1481.	56.	3.
2490	0000	-360	37.8085	81.4823	PPK	1.2	1.8	6.0	1.48	0.30	4.90	1509.	57.	3.
2491	0000	-362	37.8085	81.4828	PPK	1.2	2.0	6.3	1.65	0.33	5.05	1529.	56.	3.
2492	0000	-362	37.8086	81.4834	PPK	1.3	1.8	6.4	1.46	0.29	5.07	1534.	57.	4.
2493	0000	-361	37.8086	81.4840	PPK	1.3	1.7	6.6	1.33	0.26	5.13	1585.	56.	5.
2494	0000	-362	37.8086	81.4845	PPK	1.3	1.6	6.4	1.25	0.26	4.90	1610.	55.	7.
2495	0000	-363	37.8086	81.4850	PPK	1.3	1.5	6.9	1.13	0.22	5.24	1634.	56.	7.
2496	0000	-365	37.8086	81.4856	PPK	1.3	1.2	7.3	0.87 -	0.16 -	5.45	1648.	57.	9.
2497	0000	-368	37.8085	81.4861	PPK	1.3	1.5	7.0	1.17	0.22	5.30	1665.	57.	10.
2498	0000	-365	37.8086	81.4866	PPK	1.3	1.2	7.1	0.87 -	0.17 -	5.04	1701.	59.	11.
2499	0000	-364	37.8086	81.4872	PPK	1.6 +	1.3	7.4	0.85 -	0.18 -	4.73	1800.	59.	12.

CP6 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
						VALUES AND STATISTICAL SIGNIFICANCES								
2500	0000	-368	37.8086	81.4877	PPK	1.6 +	1.2	7.9 +	0.77 -	0.16 -	4.91	1842.	61.	12.
2501	0000	-367	37.8086	81.4883	PPK	1.7 +	1.2	8.9 +	0.71 --	0.14 -	5.31	1909.	61.	11.
2502	0000	-366	37.8086	81.4888	PPK	1.7 +	1.3	9.0 ++	0.76 -	0.14 -	5.29	1946.	58.	10.
2503	0000	-369	37.8086	81.4894	PPK	1.7 +	1.5	8.9 +	0.89 -	0.17 -	5.29	1968.	57.	9.
2504	0000	-366	37.8086	81.4899	PPK	1.7 +	1.4	9.3 ++	0.82 -	0.15 -	5.41	1980.	56.	8.
2505	0000	-364	37.8086	81.4905	PPK	1.7 +	1.6	9.1 ++	0.92 -	0.17 -	5.33	1963.	54.	6.
2506	0000	-370	37.8086	81.4911	PPK	1.6 +	1.4	9.2 ++	0.86 -	0.15 -	5.70	1878.	53.	4.
2507	0000	-371	37.8087	81.4916	PPK	1.5 +	1.7	8.6 +	1.12	0.20	5.70	1785.	51.	2.
2508	0000	-369	37.8087	81.4922	PPK	1.4	1.8	7.5	1.31	0.24	5.39	1683.	50.	1.
2509	0000	-369	37.8087	81.4927	PPK	1.4	1.9	6.9	1.37	0.27	5.04	1590.	53.	1.
2510	0000	-370	37.8087	81.4932	PPK	1.3	1.8	6.4	1.41	0.29	4.94	1482.	53.	0.
2511	0000	-375	37.8087	81.4937	PPK	1.2	1.8	6.0	1.34	0.27	4.91	1395.	53.	0.
2512	0000	-378	37.8087	81.4944	PPK	1.1	1.6	5.9	1.48	0.28	5.39	1306.	53.	0.
2513	0000	-376	37.8087	81.4948	PPK	1.0	1.6	5.4	1.62	0.30	5.33	1235.	58.	1.
2514	0000	-374	37.8087	81.4954	PPK	1.0	1.5	4.6 -	1.42	0.32	4.41 -	1201.	61.	2.
2515	0000	-374	37.8087	81.4959	PPK	1.0	1.4	4.6 -	1.34	0.30	4.50 -	1188.	61.	2.
2516	0000	-374	37.8087	81.4965	PPK	1.0	1.3	5.0	1.35	0.27	5.03	1211.	61.	2.
2517	0000	-375	37.8087	81.4970	PPK	1.0	1.4	5.4	1.38	0.26	5.30	1271.	61.	3.
2518	0000	-374	37.8087	81.4976	PPK	1.1	1.6	5.3	1.49	0.31	4.84	1334.	63.	4.
2519	0000	-373	37.8087	81.4982	PPK	1.2	2.0	5.3	1.71	0.38 +	4.54 -	1414.	64.	4.
2520	0000	-373	37.8087	81.4987	PPK	1.2	2.0	6.2	1.66	0.33	5.07	1500.	60.	4.
2521	0000	-372	37.8087	81.4993	PPK	1.3	2.6 +	6.6	2.00 +	0.39 +	5.14	1599.	57.	3.
2522	0000	-374	37.8087	81.4997	PPK	1.4	2.9 +	7.2	2.11 +	0.41 +	5.22	1700.	57.	3.
2523	1000	-377	37.8087	81.5004	PPK	1.5 +	3.3 ++	7.5	2.21 +	0.44 ++	4.97	1788.	55.	3.
2524	1000	-376	37.8087	81.5009	PPK	1.6 +	3.3 ++	7.7 +	2.12 +	0.43 +	4.95	1844.	55.	4.
2525	1000	-374	37.8087	81.5014	PPK	1.6 +	3.3 ++	8.1 +	2.00 +	0.40 +	4.95	1906.	55.	4.
2526	1000	-374	37.8087	81.5019	PPK	1.7 +	3.2 ++	8.3 +	1.90	0.39 +	4.88	1962.	54.	3.
2527	1000	-375	37.8087	81.5025	PPK	1.8 +	3.3 ++	7.9 +	1.85	0.42 +	4.38 -	2003.	55.	3.
2528	1000	-376	37.8087	81.5030	PPK	1.8 +	3.0 +	8.6 +	1.69	0.35	4.83	2038.	57.	4.
2529	1000	-376	37.8087	81.5036	PPK	1.9 ++	2.9 +	8.7 +	1.55	0.33	4.65 -	2058.	56.	4.
2530	1000	-378	37.8087	81.5041	PPK	1.9 ++	3.0 +	8.4 +	1.58	0.36 +	4.42 -	2085.	57.	4.
2531	1000	-378	37.8087	81.5046	PPK	2.0 ++	3.3 ++	8.4 +	1.70	0.41 +	4.12 -	2114.	56.	3.
2532	1000	-376	37.8087	81.5051	PPK	1.9 ++	3.4 ++	8.0 +	1.79	0.43 +	4.14 -	2103.	58.	2.
2533	1000	-376	37.8087	81.5057	PPK	1.9 ++	3.6 ++	7.9 +	1.91	0.45 ++	4.26 -	2114.	60.	3.
2534	1000	-375	37.8087	81.5061	PPK	1.9 ++	3.6 ++	8.3 +	1.91	0.43 +	4.46 -	2152.	58.	3.
2535	1000	-375	37.8087	81.5066	PPK	1.9 ++	3.5 ++	8.5 +	1.85	0.41 +	4.51 -	2185.	57.	3.
2536	1000	-375	37.8087	81.5071	PPK	1.9 ++	3.6 ++	9.0 +	1.94 +	0.40 +	4.80	2225.	58.	4.
2537	1000	-376	37.8087	81.5076	PPK	1.8 +	3.2 ++	9.3 ++	1.75	0.34	5.14	2256.	57.	5.
2538	1000	-377	37.8087	81.5080	PPK	1.8 +	2.9 +	9.9 ++	1.63	0.29	5.58	2261.	56.	6.
2539	1000	-380	37.8087	81.5085	PPK	1.8 +	2.6 +	10.4 ++	1.45	0.25	5.75	2239.	55.	7.
2540	0000	-380	37.8087	81.5090	PPK	1.8 +	2.3 +	10.3 ++	1.30	0.22	5.81	2172.	53.	7.
2541	0000	-377	37.8087	81.5095	PPK	1.6 +	2.3 +	9.5 ++	1.38	0.24	5.78	2047.	54.	8.
2542	0000	-378	37.8086	81.5100	PPK	1.5 +	1.9	8.5 +	1.30	0.23	5.66	1900.	54.	8.
2543	0000	-382	37.8086	81.5105	PPK	1.4	1.4	7.6 +	1.01	0.19 -	5.42	1720.	53.	9.
2544	0000	-380	37.8086	81.5110	PPK	1.2	1.2	6.8	1.00	0.18 -	5.55	1541.	53.	9.
2545	0000	-379	37.8086	81.5114	PPK	1.2	0.9 -	5.6	0.80 -	0.16 -	4.87	1380.	54.	9.
2546	0000	-381	37.8086	81.5119	PPK	1.1	1.0 -	4.8	0.97 -	0.21	4.58 -	1281.	51.	9.
2547	0000	-380	37.8085	81.5124	PPK	1.0	0.9 -	4.4 -	0.90 -	0.20	4.42 -	1181.	51.	9.
2548	0000	-380	37.8085	81.5129	PPK	1.0	0.7 --	4.2 -	0.78 -	0.18 -	4.37 -	1118.	50.	8.
2549	0000	-384	37.8085	81.5134	PPK	0.9	0.8 -	3.8 -	0.88 -	0.21	4.22 -	1055.	52.	7.
2550	0000	-386	37.8085	81.5139	PPK	0.9	0.8 -	3.7 -	1.00 -	0.23	4.38 -	1031.	54.	6.

CP9 EP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-384	37.8085	81.5144	PPK	0.9	1.0 -	3.4 -	1.12	0.29	3.83 --	1017.	54.	4.
2552	0000	-383	37.8085	81.5149	PPK	0.9	1.2	3.4 -	1.35	0.34	3.94 --	1042.	53.	3.
2553	0000	-386	37.8085	81.5153	PPK	0.9	1.1	3.3 -	1.31	0.34	3.86 --	1057.	57.	2.
2554	0000	-386	37.8085	81.5158	PPK	0.9	1.2	3.7 -	1.35	0.32	4.18 -	1110.	56.	1.
2555	0000	-384	37.8085	81.5164	PPK	0.9	1.3	4.2 -	1.45	0.32	4.60 -	1149.	56.	1.
2556	0000	-383	37.8085	81.5169	PPK	1.0	1.3	4.7	1.33	0.29	4.65 -	1233.	55.	1.
2557	0000	-383	37.8084	81.5173	PPK	1.1	1.6	4.9	1.51	0.34	4.49 -	1319.	55.	1.
2558	0000	-388	37.8084	81.5178	PPK	1.2	1.5	5.2	1.24	0.30	4.17 -	1405.	56.	1.
2559	0000	-389	37.8084	81.5183	PPK	1.2	1.9	5.8	1.54	0.33	4.82 -	1447.	59.	2.
2560	0000	-383	37.8084	81.5187	PPK	1.3	1.9	5.9	1.52	0.33	4.66 -	1474.	57.	3.
2561	0000	-385	37.8084	81.5192	PPK	1.3	1.8	6.0	1.37	0.30	4.60 -	1489.	58.	4.
2562	0000	-388	37.8084	81.5197	PPK	1.3	1.8	5.6	1.40	0.33	4.28 -	1486.	60.	5.
2563	0000	-387	37.8084	81.5202	PPK	1.2	1.8	5.2	1.44	0.34	4.23 -	1432.	60.	6.
2564	0000	-387	37.8083	81.5207	PPK	1.2	1.4	4.8	1.19	0.29	4.03 --	1353.	60.	6.
2565	0000	-388	37.8083	81.5212	PPK	1.0	1.5	4.8	1.52	0.32	4.82	1262.	60.	6.
2566	0000	-388	37.8083	81.5217	PPK	1.0	1.2	4.2 -	1.22	0.28	4.39 -	1171.	58.	6.
2567	0000	-391	37.8083	81.5222	PPK	0.9	1.2	4.0 -	1.35	0.30	4.46 -	1094.	58.	5.
2568	0000	-395	37.8083	81.5227	PPK	0.8 -	1.2	3.8 -	1.51	0.33	4.61 -	1017.	58.	4.
2569	0000	-395	37.8083	81.5231	PPK	0.8 -	1.3	3.4 -	1.58	0.37 +	4.32 -	975.	58.	3.
2570	0000	-393	37.8082	81.5236	PPK	0.7 -	1.3	3.5 -	1.80	0.38 +	4.74	978.	57.	3.
2571	0000	-395	37.8082	81.5242	PPK	0.7 -	1.7	3.6 -	2.48 +	0.46 ++	5.36	982.	57.	2.
2572	0000	-396	37.8082	81.5246	PPK	0.7 -	1.4	3.9 -	1.87	0.36 +	5.18	1008.	57.	2.
2573	0000	-395	37.8082	81.5251	PPK	0.8 -	1.4	4.2 -	1.85	0.34	5.47	1051.	56.	1.
2574	0000	-393	37.8082	81.5256	PPK	0.8 -	1.6	4.6 -	2.01 +	0.34	5.93	1105.	57.	1.
2575	0000	-391	37.8082	81.5260	PPK	0.8	1.7	4.5 -	1.95 +	0.37 +	5.31	1156.	58.	1.
2576	0000	-386	37.8082	81.5265	PPK	0.8 -	1.8	5.1	2.10 +	0.34	6.11	1219.	57.	1.
2577	0000	-385	37.8082	81.5271	PPK	0.9	1.8	5.0	2.05 +	0.36 +	5.56	1255.	59.	1.
2578	0000	-390	37.8082	81.5276	PPK	1.0	1.8	5.4	1.88	0.34	5.54	1319.	59.	1.
2579	0000	-391	37.8082	81.5280	PPK	0.9	2.3 +	5.4	2.39 +	0.42 +	5.71	1368.	58.	1.
2580	0000	-391	37.8082	81.5285	PPK	1.0	2.4 +	5.6	2.43 +	0.42 +	5.78	1391.	60.	1.
2581	0000	-392	37.8081	81.5290	PPK	1.1	2.1	6.1	1.93	0.35	5.57	1434.	59.	2.
2582	0000	-390	37.8081	81.5295	PPK	1.1	2.2 +	6.3	1.94 +	0.34	5.64	1465.	58.	2.
2583	0000	-386	37.8081	81.5300	PPK	1.2	2.0	6.2	1.70	0.33	5.19	1490.	57.	4.
2584	0000	-387	37.8081	81.5305	PPK	1.3	2.0	6.6	1.59	0.30	5.24	1528.	56.	4.
2585	0000	-389	37.8081	81.5310	PPK	1.3	1.7	7.3	1.26	0.23	5.48	1554.	57.	5.
2586	0000	-386	37.8080	81.5315	PPK	1.5 +	1.6	7.2	1.11	0.23	4.91	1591.	59.	6.
2587	0000	-385	37.8080	81.5319	PPK	1.5 +	1.7	7.3	1.14	0.23	4.98	1637.	57.	6.
2588	0000	-388	37.8080	81.5324	PPK	1.5 +	1.7	6.9	1.18	0.25	4.77	1649.	57.	7.
2589	0000	-387	37.8080	81.5329	PPK	1.5 +	1.8	7.4	1.22	0.24	4.98	1691.	56.	6.
2590	0000	-387	37.8080	81.5334	PPK	1.6 +	1.8	7.7 +	1.15	0.24	4.88	1726.	57.	5.
2591	0000	-391	37.8080	81.5339	PPK	1.6 +	1.8	7.9 +	1.14	0.23	5.02	1735.	59.	5.
2592	0000	-390	37.8080	81.5344	PPK	1.7 +	2.0	7.3	1.17	0.27	4.38 -	1762.	56.	5.
2593	0000	-388	37.8080	81.5349	PPK	1.7 +	1.6	7.9 +	0.89 -	0.20	4.51 -	1783.	56.	6.
2594	0000	-389	37.8080	81.5353	PPK	1.9 +	1.3	8.1 +	0.70 --	0.16 -	4.35 -	1840.	57.	7.
2595	1000	-389	37.8080	81.5358	PPK	2.0 ++	1.3	8.6 +	0.67 --	0.15 -	4.42 -	1913.	56.	7.
2596	1000	-390	37.8080	81.5363	PPK	1.9 ++	1.5	8.7 +	0.77 -	0.17 -	4.58 -	1952.	56.	8.
2597	1000	-392	37.8079	81.5368	PPK	1.8 +	1.5	9.0 +	0.80 -	0.16 -	4.88	1966.	56.	8.
2598	1000	-391	37.8079	81.5373	PPK	1.9 ++	1.4	9.3 ++	0.74 -	0.15 -	4.87	1995.	51.	8.
2599	1000	-392	37.8079	81.5378	PPK	1.8 +	1.6	9.6 ++	0.89 -	0.17 -	5.26	2006.	53.	8.
2600	1000	-393	37.8079	81.5383	PPK	1.7 +	1.9	9.5 ++	1.12	0.20	5.54	1992.	54.	8.
2601	1000	-394	37.8079	81.5388	PPK	1.6 +	2.1	9.1 ++	1.34	0.23	5.71	1895.	56.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-399	37.8079	81.5392	PPK	1.4 +	2.0	8.5 +	1.42	0.24	5.94	1774.	55.	5.
2603	0000	-398	37.8078	81.5397	PPK	1.4	1.9	7.7 +	1.38	0.25	5.54	1661.	55.	4.
2604	0000	-392	37.8078	81.5402	PPK	1.3	1.9	7.2	1.48	0.27	5.53	1549.	54.	4.
2605	0000	-393	37.8078	81.5407	PPK	1.2	1.9	6.4	1.65	0.30	5.52	1435.	58.	2.
2606	0000	-396	37.8078	81.5412	PPK	1.0	1.6	5.6	1.61	0.29	5.52	1291.	61.	2.
2607	0000	-394	37.8078	81.5417	PPK	0.9	1.5	4.9	1.63	0.31	5.31	1188.	60.	1.
2608	0000	-397	37.8078	81.5422	PPK	0.9	1.4	4.8	1.51	0.28	5.37	1141.	57.	1.
2609	0000	-404	37.8078	81.5426	PPK	0.9	1.4	4.5 -	1.69	0.32	5.21	1114.	57.	1.
2610	0000	-407	37.8078	81.5431	PPK	0.9	1.3	4.2 -	1.54	0.31	4.88	1099.	57.	1.
2611	0000	-409	37.8078	81.5436	PPK	0.9	1.3	3.9 -	1.51	0.33	4.58 -	1110.	58.	1.
2612	0000	-411	37.8078	81.5441	PPK	0.9	1.3	4.2 -	1.48	0.30	4.90	1105.	55.	1.
2613	0000	-412	37.8078	81.5445	PPK	0.9	1.3	4.4 -	1.47	0.30	4.96	1121.	53.	1.
2614	0000	-414	37.8077	81.5451	PPK	0.8 -	1.4	4.4 -	1.67	0.32	5.27	1122.	51.	1.
2615	0000	-417	37.8077	81.5456	PPK	0.9	1.4	4.7	1.64	0.31	5.33	1152.	52.	1.
2616	0000	-423	37.8077	81.5461	PPK	0.9	1.3	5.2	1.43	0.25	5.65	1186.	53.	2.
2617	0000	-426	37.8077	81.5465	PPK	1.0	1.3	5.6	1.35	0.23	5.88	1238.	52.	3.
2618	0000	-427	37.8077	81.5470	PPK	1.0	1.1	5.5	1.11	0.20	5.50	1280.	53.	5.
2619	0000	-429	37.8077	81.5475	PPK	1.1	1.0 -	5.8	0.91 -	0.17 -	5.31	1355.	55.	6.
2620	0000	-431	37.8076	81.5480	PPK	1.2	0.9 -	6.1	0.80 -	0.15 -	5.29	1455.	54.	8.
2621	0000	-433	37.8076	81.5485	PPK	1.3	1.0 -	6.8	0.81 -	0.15 -	5.37	1566.	54.	8.
2622	0000	-432	37.8076	81.5490	PPK	1.4	1.0 -	7.3	0.73 -	0.14 -	5.25	1684.	53.	9.
2623	0000	-430	37.8076	81.5495	PPK	1.6 +	1.0 -	7.8 +	0.65 --	0.13 -	4.84	1786.	54.	9.
2624	0000	-430	37.8076	81.5499	PPK	1.7 +	1.1	8.2 +	0.64 --	0.14 -	4.69	1856.	54.	9.
2625	0000	-429	37.8076	81.5505	PPK	1.8 +	1.0 -	9.5 ++	0.58 --	0.11 -	5.32	1908.	52.	8.
2626	1000	-430	37.8076	81.5509	PPK	1.8 +	1.5	9.0 ++	0.85 -	0.17 -	5.12	1929.	50.	7.
2627	0000	-434	37.8076	81.5514	PPK	1.7 +	1.6	8.8 +	0.93 -	0.18 -	5.07	1900.	54.	6.
2628	0000	-436	37.8076	81.5519	PPK	1.7 +	1.6	8.4 +	0.90 -	0.19	4.81	1860.	53.	5.
2629	0000	-440	37.8076	81.5524	PPK	1.6 +	1.7	8.0 +	1.02	0.21	4.97	1797.	54.	5.
2630	0000	-443	37.8075	81.5529	PPK	1.4 +	1.7	7.2	1.21	0.24	5.03	1735.	54.	5.
2631	0000	-441	37.8075	81.5534	PPK	1.3	1.8	7.1	1.33	0.25	5.34	1669.	55.	4.
2632	0000	-441	37.8075	81.5538	PPK	1.3	1.9	6.1	1.46	0.31	4.70	1593.	57.	4.
2633	0000	-440	37.8075	81.5543	PPK	1.2	1.5	6.3	1.22	0.24	5.07	1521.	58.	4.
2634	0000	-440	37.8075	81.5548	PPK	1.2	1.5	6.2	1.18	0.24	4.99	1471.	55.	4.
2635	0000	-443	37.8075	81.5553	PPK	1.1	1.1	6.0	0.97 -	0.18 -	5.25	1390.	57.	5.
2636	0000	-443	37.8075	81.5558	PPK	1.1	0.9 -	5.4	0.76 -	0.16 -	4.77	1309.	57.	6.
2637	0000	-442	37.8074	81.5563	PPK	1.0	0.7 --	5.2	0.70 --	0.14 -	5.02	1221.	57.	7.
2638	0000	-439	37.8074	81.5568	PPK	0.9	0.6 --	4.8	0.61 --	0.12 -	5.03	1147.	56.	7.
2639	0000	-436	37.8074	81.5572	PPK	0.8 -	0.6 --	4.5 -	0.68 --	0.13 -	5.37	1109.	54.	8.
2640	0000	-441	37.8074	81.5577	PPK	0.9	0.7 --	4.2 -	0.80 -	0.16 -	4.89	1076.	56.	8.
2641	0000	-443	37.8074	81.5583	PPK	0.8 -	0.6 --	3.8 -	0.82 -	0.17 -	4.81	1018.	58.	8.
2642	0000	-437	37.8074	81.5588	PPK	0.8 -	0.7 --	3.9 -	0.88 -	0.18 -	4.79	1002.	57.	7.
2643	0000	-432	37.8074	81.5592	PPK	0.8 -	0.9 -	3.9 -	1.22	0.24	5.11	993.	57.	6.
2644	0000	-424	37.8074	81.5597	PPK	0.8 -	1.1	4.0 -	1.33	0.27	4.97	1000.	58.	4.
2645	0000	-418	37.8074	81.5602	PPK	0.8 -	1.2	4.3 -	1.52	0.29	5.24	1007.	59.	3.
2646	0000	-418	37.8074	81.5607	PPK	0.9	1.2	4.3 -	1.40	0.28	5.01	1020.	59.	2.
2647	0000	-417	37.8074	81.5612	PPK	0.9	1.2	4.6 -	1.43	0.26	5.40	1046.	59.	2.
2648	0000	-411	37.8073	81.5617	PPK	0.9	1.3	4.8	1.45	0.28	5.24	1093.	60.	1.
2649	0000	-402	37.8073	81.5622	PPK	1.0	1.5	5.0	1.52	0.30	5.03	1129.	62.	0.
2650	0000	-399	37.8073	81.5626	PPK	1.0	1.4	4.8	1.40	0.30	4.66 -	1155.	60.	0.
2651	0000	-397	37.8073	81.5631	PPK	1.0	1.6	4.9	1.58	0.32	4.87	1194.	58.	0.
2652	0000	-390	37.8073	81.5636	PPK	1.1	1.5	4.7	1.39	0.32	4.34 -	1232.	57.	0.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-386	37.8072	81.5641		PPK	1.2	1.5	5.1	1.29	0.29	4.37 -	1293.	58.	1.
2654	0000	-384	37.8072	81.5645		PPK	1.2	1.4	5.1	1.16	0.28	4.10 -	1348.	56.	2.
2655	0000	-379	37.8072	81.5650		PPK	1.3	1.3	5.7	0.98 -	0.22	4.44 -	1416.	54.	3.
2656	0000	-378	37.8072	81.5656		PPK	1.3	1.1	5.6	0.86 -	0.20	4.23 -	1489.	52.	5.
2657	0000	-375	37.8072	81.5661		PPK	1.4	1.1	6.3	0.78 -	0.17 -	4.55 -	1543.	52.	7.
2658	0000	-371	37.8072	81.5665		PPK	1.4 +	0.9 -	6.6	0.60 --	0.13 -	4.57 -	1554.	52.	8.
2659	0000	-378	37.8072	81.5670		PPK	1.4	0.7 --	6.7	0.53 --	0.11 -	4.78	1563.	53.	8.
2660	0000	-384	37.8072	81.5675		PPK	1.4	0.9 -	6.7	0.69 --	0.14 -	4.87	1558.	54.	9.
2661	0000	-379	37.8071	81.5681		PPK	1.4	1.1	6.7	0.78 -	0.16 -	4.80	1554.	55.	9.
2662	0000	-377	37.8071	81.5684		PPK	1.3	1.3	6.0	0.93 -	0.21	4.43 -	1508.	55.	8.
2663	0000	-377	37.8071	81.5690		PPK	1.2	1.4	5.8	1.17	0.24	4.80	1434.	54.	7.
2664	0000	-377	37.8071	81.5695		PPK	1.2	1.5	5.4	1.28	0.27	4.70	1371.	55.	7.
2665	0000	-379	37.8071	81.5699		PPK	1.2	1.5	5.6	1.26	0.27	4.75	1348.	54.	6.
2666	0000	-384	37.8071	81.5704		PPK	1.2	1.3	5.7	1.10	0.23	4.75	1349.	53.	6.
2667	0000	-388	37.8071	81.5709		PPK	1.2	1.4	5.5	1.15	0.25	4.56 -	1361.	52.	6.
2668	0000	-387	37.8071	81.5714		PPK	1.2	1.2	5.5	0.97 -	0.22	4.50 -	1391.	48.	6.
2669	0000	-390	37.8071	81.5719		PPK	1.3	1.1	6.1	0.84 -	0.18 -	4.71	1455.	48.	5.
2670	0000	-393	37.8070	81.5724		PPK	1.3	1.1	6.7	0.84 -	0.17 -	5.00	1519.	47.	4.
2671	0000	-394	37.8070	81.5729		PPK	1.4	1.1	7.3	0.77 -	0.15 -	5.11	1583.	48.	3.
2672	0000	-396	37.8070	81.5734		PPK	1.4	1.4	7.1	1.00	0.20	5.05	1646.	48.	3.
2673	0000	-396	37.8070	81.5738		PPK	1.4 +	1.8	7.1	1.26	0.25	4.97	1701.	49.	2.
2674	0000	-396	37.8070	81.5743		PPK	1.5 +	1.9	7.2	1.31	0.27	4.89	1729.	48.	1.
2675	0000	-402	37.8070	81.5748		PPK	1.4 +	2.0	7.5	1.42	0.27	5.18	1723.	49.	1.
2676	0000	-404	37.8069	81.5753		PPK	1.3	2.2 +	7.4	1.67	0.30	5.56	1712.	49.	1.
2677	0000	-402	37.8069	81.5757		PPK	1.4	2.2 +	7.2	1.61	0.31	5.17	1737.	50.	2.
2678	0000	-406	37.8069	81.5763		PPK	1.4	2.3 +	7.2	1.61	0.32	5.10	1778.	50.	3.
2679	0000	-408	37.8069	81.5768		PPK	1.5 +	2.1	7.1	1.45	0.30	4.88	1818.	52.	4.
2680	0000	-407	37.8069	81.5772		PPK	1.6 +	2.0	7.9 +	1.27	0.25	5.01	1893.	52.	5.
2681	0000	-409	37.8069	81.5777		PPK	1.6 +	1.8	8.5 +	1.10	0.21	5.21	1963.	54.	6.
2682	0000	-411	37.8069	81.5782		PPK	1.7 +	1.7	8.8 +	1.03	0.20	5.27	2032.	55.	7.
2683	0000	-412	37.8069	81.5788		PPK	1.7 +	1.7	8.7 +	0.97 -	0.19	5.01	2040.	56.	7.
2684	0000	-411	37.8069	81.5792		PPK	1.7 +	1.5	8.6 +	0.91 -	0.18 -	5.06	2020.	56.	7.
2685	0000	-412	37.8069	81.5797		PPK	1.7 +	1.5	8.8 +	0.93 -	0.18 -	5.32	2009.	56.	6.
2686	0000	-415	37.8069	81.5802		PPK	1.7 +	1.6	9.2 ++	0.91 -	0.17 -	5.41	2008.	55.	5.
2687	0000	-414	37.8068	81.5807		PPK	1.7 +	1.6	8.7 +	0.99 -	0.19	5.22	1977.	55.	4.
2688	0000	-414	37.8068	81.5811		PPK	1.6 +	1.6	8.6 +	0.97 -	0.18 -	5.33	1935.	50.	4.
2689	0000	-418	37.8068	81.5817		PPK	1.6 +	1.7	8.1 +	1.05	0.21	5.03	1894.	50.	4.
2690	0000	-419	37.8068	81.5822		PPK	1.6 +	1.7	8.3 +	1.06	0.21	5.08	1925.	48.	3.
2691	0000	-421	37.8068	81.5826		PPK	1.7 +	1.9	8.6 +	1.15	0.22	5.15	1970.	50.	2.
2692	0000	-421	37.8067	81.5831		PPK	1.7 +	2.3 +	8.4 +	1.36	0.27	5.03	2005.	50.	2.
2693	0000	-419	37.8067	81.5836		PPK	1.7 +	2.3 +	8.6 +	1.34	0.26	5.09	2032.	50.	2.
2694	0000	-420	37.8067	81.5841		PPK	1.7 +	2.3 +	8.8 +	1.38	0.26	5.27	2038.	51.	2.
2695	0000	-423	37.8067	81.5845		PPK	1.7 +	2.7 +	8.2 +	1.60	0.33	4.88	2047.	54.	2.
2696	0000	-423	37.8067	81.5851		PPK	1.8 +	2.8 +	8.3 +	1.59	0.34	4.71	2082.	55.	2.
2697	0000	-423	37.8067	81.5855		PPK	1.8 +	2.8 +	8.3 +	1.59	0.34	4.62 -	2097.	56.	2.
2698	0000	-422	37.8067	81.5860		PPK	1.8 +	3.0 +	7.8 +	1.67	0.38 +	4.38 -	2088.	55.	2.
2699	0000	-423	37.8067	81.5865		PPK	1.9 ++	2.5 +	7.8 +	1.36	0.33	4.17 -	2081.	52.	4.
2700	0000	-425	37.8067	81.5870		PPK	1.8 +	2.7 +	7.6 +	1.44	0.35	4.15 -	2062.	53.	4.
2701	0000	-426	37.8067	81.5875		PPK	1.8 +	2.6 +	7.5	1.48	0.35 +	4.17 -	2043.	51.	4.
2702	0000	-427	37.8067	81.5880		PPK	1.7 +	2.6 +	7.9 +	1.48	0.33	4.54 -	2038.	51.	4.
2703	0000	-423	37.8067	81.5884		PPK	1.7 +	2.4 +	8.2 +	1.39	0.29	4.77	2016.	51.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-425	37.8066	81.5889		PPK	1.7 +	2.5 +	8.4 +	1.50	0.30	4.99	2026.	50.	5.
2705	0000	-428	37.8066	81.5895		PPK	1.7 +	2.5 +	8.9 +	1.45	0.28	5.20	2052.	52.	5.
2706	0000	-424	37.8066	81.5899		PPK	1.6 +	2.7 +	8.9 +	1.63	0.30	5.41	2053.	52.	4.
2707	0000	-424	37.8066	81.5904		PPK	1.6 +	2.5 +	9.1 ++	1.55	0.28	5.55	2050.	51.	4.
2708	0000	-428	37.8066	81.5909		PPK	1.7 +	2.3 +	9.3 ++	1.41	0.25	5.60	2052.	50.	5.
2709	0000	-427	37.8065	81.5914		PPK	1.7 +	2.1	9.3 ++	1.25	0.23	5.43	2035.	48.	5.
2710	0000	-425	37.8065	81.5918		PPK	1.6 +	2.1	9.3 ++	1.28	0.22	5.72	2019.	48.	5.
2711	0000	-429	37.8065	81.5924		PPK	1.7 +	1.8	8.8 +	1.08	0.20	5.32	1954.	46.	6.
2712	0000	-431	37.8065	81.5928		PPK	1.6 +	1.5	8.2 +	0.98 -	0.19	5.22	1889.	44.	7.
2713	0000	-429	37.8065	81.5934		PPK	1.6 +	1.4	7.9 +	0.91 -	0.18 -	5.08	1845.	46.	7.
2714	0000	-430	37.8065	81.5938		PPK	1.5 +	1.3	7.6 +	0.83 -	0.17 -	4.99	1797.	46.	8.
2715	0000	-434	37.8065	81.5943		PPK	1.5 +	1.3	7.2	0.88 -	0.18 -	4.94	1736.	45.	8.
2716	0000	-436	37.8064	81.5948		PPK	1.3	1.4	7.1	1.05	0.20	5.30	1694.	47.	8.
2717	0000	-437	37.8064	81.5953		PPK	1.3	1.4	6.9	1.05	0.20	5.25	1686.	46.	8.
2718	0000	-442	37.8064	81.5958		PPK	1.3	1.2	7.7 +	0.88 -	0.15 -	5.83	1713.	47.	9.
2719	0000	-442	37.8064	81.5962		PPK	1.4	1.1	8.2 +	0.80 -	0.13 -	6.00	1747.	47.	9.
2720	0000	-441	37.8064	81.5967		PPK	1.3	1.1	8.2 +	0.84 -	0.14 -	6.16	1749.	49.	9.
2721	0000	-443	37.8064	81.5972		PPK	1.3	1.2	8.5 +	0.87 -	0.14 -	6.37 +	1745.	49.	9.
2722	0000	-440	37.8064	81.5977		PPK	1.3	1.2	8.2 +	0.92 -	0.15 -	6.12	1741.	50.	9.
2723	0000	-439	37.8064	81.5982		PPK	1.4	0.9 -	8.4 +	0.65 --	0.11 -	5.88	1767.	47.	10.
2724	0000	-443	37.8064	81.5987		PPK	1.5 +	1.0 -	8.5 +	0.71 --	0.12 -	5.86	1759.	49.	9.
2725	0000	-443	37.8064	81.5992		PPK	1.4	1.2	8.1 +	0.83 -	0.14 -	5.78	1730.	47.	8.
2726	0000	-443	37.8063	81.5996		PPK	1.4	1.1	7.7 +	0.78 -	0.14 -	5.55	1679.	48.	7.
2727	0000	-446	37.8063	81.6002		PPK	1.4	1.2	7.5	0.84 -	0.16 -	5.32	1638.	45.	7.
2728	0000	-445	37.8063	81.6007		PPK	1.3	1.4	6.9	1.02	0.20	5.24	1579.	46.	6.
2729	0000	-444	37.8063	81.6011		PPK	1.3	1.0 -	7.1	0.78 -	0.14 -	5.51	1534.	47.	6.
2730	0000	-447	37.8063	81.6016		PPK	1.2	1.0 -	6.3	0.80 -	0.15 -	5.29	1448.	48.	7.
2731	0000	-449	37.8062	81.6021		PPK	1.1	0.9 -	5.7	0.77 -	0.15 -	5.05	1379.	48.	9.
2732	0000	-449	37.8062	81.6026		PPK	1.1	0.9 -	5.3	0.80 -	0.17 -	4.83	1326.	49.	10.
2733	0000	-448	37.8062	81.6031		PPK	1.0	0.9 -	5.3	0.87 -	0.17 -	5.06	1307.	47.	10.
2734	0000	-446	37.8062	81.6036		PPK	1.1	0.8 -	5.4	0.74 -	0.14 -	5.13	1305.	48.	11.
2735	0000	-449	37.8062	81.6040		PPK	1.1	0.9 -	5.3	0.80 -	0.16 -	4.98	1342.	46.	11.
2736	0000	-455	37.8062	81.6045		PPK	1.1	1.1	5.4	0.98 -	0.20	4.90	1359.	46.	10.
2737	0000	-455	37.8062	81.6050		PPK	1.1	1.2	5.8	1.06	0.20	5.24	1359.	48.	8.
2738	0000	-453	37.8062	81.6055		PPK	1.1	1.3	5.6	1.13	0.23	4.98	1340.	50.	6.
2739	0000	-454	37.8062	81.6060		PPK	1.1	1.4	5.3	1.28	0.27	4.76	1324.	52.	5.
2740	0000	-454	37.8062	81.6065		PPK	1.1	1.4	5.1	1.29	0.28	4.66 -	1283.	54.	4.
2741	0000	-456	37.8062	81.6070		PPK	1.1	1.4	4.7	1.28	0.29	4.38 -	1248.	53.	3.
2742	0000	-458	37.8062	81.6074		PPK	1.1	1.1	4.8	1.08	0.24	4.53 -	1189.	53.	2.
2743	0000	-458	37.8061	81.6080		PPK	1.0	1.1	4.5 -	1.08	0.25	4.38 -	1167.	54.	3.
2744	0000	-457	37.8061	81.6084		PPK	1.0	1.1	4.2 -	1.11	0.27	4.14 -	1175.	50.	3.
2745	0000	-457	37.8061	81.6089		PPK	1.0	1.1	4.6 -	1.08	0.24	4.50 -	1197.	50.	3.
2746	0000	-459	37.8061	81.6094		PPK	1.1	0.9 -	4.9	0.85 -	0.18 -	4.62 -	1214.	50.	3.
2747	0000	-459	37.8061	81.6099		PPK	1.1	1.1	5.0	1.03	0.22	4.69	1266.	48.	3.
2748	0000	-457	37.8060	81.6104		PPK	1.1	1.3	6.0	1.13	0.21	5.28	1365.	50.	2.
2749	0000	-458	37.8060	81.6109		PPK	1.2	1.5	6.1	1.27	0.25	5.00	1482.	50.	2.
2750	0000	-458	37.8060	81.6114		PPK	1.3	1.9	6.6	1.39	0.28	4.94	1633.	51.	2.
2751	0000	-459	37.8060	81.6118		PPK	1.5 +	2.2 +	7.4	1.43	0.30	4.80	1815.	53.	1.
2752	0000	-462	37.8060	81.6123		PPK	1.7 +	2.7 +	7.5	1.55	0.36 +	4.33 -	1950.	52.	2.
2753	0000	-461	37.8060	81.6128		PPK	1.8 +	3.4 ++	7.5	1.82	0.45 ++	4.07 -	2124.	52.	2.
2754	0000	-459	37.8059	81.6134		PPK	1.9 ++	3.6 ++	8.0 +	1.91	0.45 ++	4.20 -	2210.	53.	2.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-459	37.8059	81.6138		PPK	2.0 ++	3.5 ++	8.0 +	1.76	0.43 +	4.08 -	2216.	53.	2.
2756	0000	-460	37.8059	81.6143		PPK	2.0 ++	3.3 ++	8.5 +	1.70	0.39 +	4.35 -	2198.	52.	2.
2757	0000	-464	37.8059	81.6148		PPK	1.9 ++	3.1 ++	8.0 +	1.66	0.39 +	4.29 -	2104.	51.	3.
2758	0000	-464	37.8059	81.6153		PPK	1.8 +	2.8 +	7.6 +	1.58	0.37 +	4.31 -	1982.	50.	3.
2759	0000	-462	37.8059	81.6157		PPK	1.6 +	2.3 +	7.6 +	1.39	0.29	4.70	1854.	51.	4.
2760	0000	-464	37.8059	81.6162		PPK	1.5 +	1.9	8.3 +	1.22	0.23	5.40	1791.	49.	3.
2761	0000	-466	37.8059	81.6167		PPK	1.5 +	1.7	7.7 +	1.10	0.22	5.08	1725.	48.	4.
2762	0000	-466	37.8059	81.6172		PPK	1.4	1.7	6.9	1.21	0.24	4.95	1615.	48.	3.
2763	0000	-464	37.8059	81.6177		PPK	1.3	1.6	6.1	1.19	0.25	4.70	1534.	49.	4.
2764	0000	-464	37.8058	81.6182		PPK	1.3	1.5	6.3	1.14	0.24	4.78	1480.	51.	3.
2765	0000	-466	37.8058	81.6187		PPK	1.2	1.6	5.9	1.34	0.28	4.85	1432.	54.	2.
2766	0000	-468	37.8058	81.6192		PPK	1.1	1.8	5.8	1.55	0.30	5.12	1415.	55.	2.
2767	0000	-468	37.8058	81.6196		PPK	1.2	1.6	6.0	1.33	0.26	5.11	1387.	59.	2.
2768	0000	-469	37.8058	81.6201		PPK	1.2	1.4	6.3	1.17	0.23	5.13	1409.	59.	2.
2769	0000	-470	37.8058	81.6207		PPK	1.4	1.5	6.7	1.09	0.23	4.79	1533.	60.	4.
2770	0000	-470	37.8058	81.6210		PPK	1.5 +	1.4	7.3	0.95 -	0.20	4.85	1641.	59.	4.
2771	0000	-469	37.8057	81.6216		PPK	1.6 +	1.4	7.8 +	0.90 -	0.18 -	5.05	1724.	58.	6.
2772	0000	-468	37.8057	81.6221		PPK	1.6 +	1.2	7.8 +	0.75 -	0.16 -	4.75	1747.	56.	7.
2773	0000	-472	37.8057	81.6226		PPK	1.7 +	1.2	7.4	0.75 -	0.17 -	4.43 -	1723.	55.	8.
2774	0000	-473	37.8057	81.6230		PPK	1.6 +	1.2	6.4	0.77 -	0.19	4.08 -	1655.	54.	9.
2775	0000	-472	37.8057	81.6236		PPK	1.5 +	1.1	5.9	0.76 -	0.19	4.03 --	1553.	54.	9.
2776	0000	-473	37.8057	81.6241		PPK	1.2	1.1	5.3	0.87 -	0.21	4.21 -	1420.	51.	9.
2777	0000	-471	37.8057	81.6245		PPK	1.1	1.2	4.2 -	1.10	0.29	3.83 --	1259.	53.	9.
2778	0000	-472	37.8057	81.6250		PPK	0.9	1.1	3.2 -	1.22	0.35	3.48 ---	1107.	55.	8.
2779	0000	-474	37.8057	81.6255		PPK	0.8 -	1.1	3.1 --	1.39	0.35 +	3.92 --	1006.	54.	7.
2780	0000	-473	37.8056	81.6260		PPK	0.7 -	0.9 -	2.8 --	1.25	0.31	4.04 --	911.	56.	7.
2781	0000	-475	37.8056	81.6265		PPK	0.6 --	0.9 -	2.6 --	1.46	0.36 +	4.07 -	860.	55.	6.
2782	0000	-475	37.8056	81.6270		PPK	0.5 --	0.8 -	2.7 --	1.41	0.29	4.92	820.	56.	6.
2783	0000	-472	37.8056	81.6274		PPK	0.5 --	0.8 -	2.6 --	1.51	0.28	5.31	789.	58.	5.
2784	0000	-476	37.8056	81.6279		PPK	0.5 ---	0.8 -	2.7 --	1.72	0.31	5.49	792.	59.	4.
2785	0000	-480	37.8056	81.6284		PPK	0.5 --	0.9 -	2.8 --	1.80	0.34	5.29	816.	57.	3.
2786	0000	-476	37.8056	81.6289		PPK	0.6 --	0.9 -	2.7 --	1.54	0.34	4.51 -	863.	58.	2.
2787	0000	-473	37.8055	81.6294		PPK	0.7 -	1.1	3.4 -	1.65	0.32	5.10	955.	56.	1.
2788	0000	-478	37.8055	81.6299		PPK	0.8 -	1.1 -	4.0 -	1.34	0.27	4.97	1060.	57.	2.
2789	0000	-482	37.8055	81.6304		PPK	1.0	1.6	4.2 -	1.68	0.38 +	4.38 -	1208.	57.	2.
2790	0000	-478	37.8055	81.6308		PPK	1.2	1.6	4.9	1.37	0.32	4.21 -	1339.	55.	3.
2791	0000	-478	37.8055	81.6314		PPK	1.3	1.6	5.7	1.23	0.28	4.48 -	1460.	55.	4.
2792	0000	-481	37.8055	81.6319		PPK	1.4	1.6	6.2	1.15	0.26	4.46 -	1560.	56.	5.
2793	0000	-479	37.8054	81.6323		PPK	1.3	1.5	6.6	1.16	0.23	5.01	1551.	56.	7.
2794	0000	-479	37.8054	81.6328		PPK	1.3	1.3	6.1	1.05	0.22	4.80	1484.	58.	7.
2795	0000	-482	37.8054	81.6333		PPK	1.2	1.3	5.7	1.13	0.23	4.91	1391.	57.	7.
2796	0000	-482	37.8054	81.6337		PPK	1.0	1.0 -	5.3	0.99 -	0.19	5.21	1255.	57.	6.
2797	0000	-483	37.8054	81.6343		PPK	0.8 -	1.1	4.8	1.32	0.22	5.92	1121.	57.	5.
2798	0000	-483	37.8054	81.6348		PPK	0.7 -	0.8 -	4.4 -	1.18	0.19 -	6.37 +	981.	57.	4.
2799	0000	-482	37.8054	81.6353		PPK	0.6 --	0.9 -	3.8 -	1.56	0.23	6.83 +	864.	58.	3.
2800	0000	-485	37.8054	81.6357		PPK	0.5 --	0.9 -	3.4 -	1.85	0.27	6.78 +	832.	59.	3.
2801	0000	-485	37.8054	81.6362		PPK	0.5 ---	1.0 -	3.5 -	2.05 +	0.28	7.43 ++	833.	58.	3.
2802	0000	-482	37.8054	81.6367		PPK	0.4 ---	1.0 -	3.6 -	2.30 +	0.28	8.10 ++	840.	56.	3.
2803	0000	-484	37.8054	81.6372		PPK	0.5 ---	1.1	3.6 -	2.25 +	0.30	7.45 ++	850.	58.	3.
2804	0000	-488	37.8053	81.6377		PPK	0.5 --	1.1	3.9 -	2.05 +	0.29	7.08 +	904.	59.	3.
2805	0000	-485	37.8053	81.6382		PPK	0.6 --	1.3	4.0 -	2.21 +	0.33	6.67 +	966.	57.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-486	37.8053	81.6387		PPK	0.7 -	1.3	4.5 -	2.01 +	0.30	6.73 +	1022.	56.	4.
2807	0000	-488	37.8053	81.6392		PPK	0.8 -	1.6	4.7	2.13 +	0.34	6.19	1104.	53.	3.
2808	0000	-486	37.8053	81.6396		PPK	0.9	1.7	5.5	1.91	0.31	6.07	1192.	51.	2.
2809	0000	-485	37.8053	81.6401		PPK	1.0	1.9	6.5	1.89	0.29	6.55 +	1284.	55.	2.
2810	0000	-487	37.8052	81.6406		PPK	1.1	2.4 +	7.1	2.27 +	0.34	6.61 +	1414.	51.	1.
2811	1000	-487	37.8052	81.6411		PPK	1.2	2.3 +	7.5	1.96 +	0.31	6.28 +	1526.	53.	1.
2812	1000	-490	37.8052	81.6415		PPK	1.3	2.6 +	7.6 +	2.04 +	0.34	6.00	1611.	53.	1.
2813	1000	-491	37.8052	81.6421		PPK	1.3	2.6 +	7.6 +	1.91	0.34	5.68	1643.	53.	2.
2814	1000	-489	37.8052	81.6426		PPK	1.4	2.4 +	7.4	1.76	0.33	5.38	1658.	54.	3.
2815	1000	-490	37.8052	81.6430		PPK	1.3	2.3 +	6.7	1.77	0.34	5.19	1630.	56.	4.
2816	1000	-492	37.8052	81.6435		PPK	1.3	2.2 +	5.8	1.72	0.39 +	4.45 -	1605.	52.	5.
2817	0000	-491	37.8052	81.6440		PPK	1.3	1.8	5.3	1.45	0.35	4.18 -	1546.	52.	6.
2818	0000	-491	37.8052	81.6445		PPK	1.2	1.9	5.0	1.62	0.38 +	4.29 -	1457.	53.	6.
2819	0000	-491	37.8052	81.6450		PPK	1.1	1.5	4.7	1.39	0.33	4.21 -	1359.	53.	7.
2820	0000	-492	37.8052	81.6455		PPK	1.1	1.4	4.5 -	1.30	0.30	4.28 -	1340.	52.	7.
2821	0000	-493	37.8051	81.6460		PPK	1.1	1.3	4.9	1.27	0.28	4.58 -	1331.	51.	6.
2822	0000	-492	37.8051	81.6465		PPK	1.1	1.6	4.8	1.42	0.33	4.31 -	1359.	49.	5.
2823	0000	-492	37.8051	81.6469		PPK	1.1	1.5	5.1	1.34	0.30	4.48 -	1369.	51.	5.
2824	0000	-493	37.8051	81.6474		PPK	1.1	1.3	5.6	1.10	0.23	4.87	1362.	53.	4.
2825	0000	-494	37.8051	81.6479		PPK	1.2	1.2	5.6	0.99 -	0.21	4.70	1378.	51.	4.
2826	0000	-496	37.8050	81.6484		PPK	1.3	1.3	5.7	1.01	0.23	4.51 -	1423.	50.	4.
2827	0000	-495	37.8050	81.6489		PPK	1.3	1.5	5.5	1.20	0.27	4.37 -	1442.	50.	4.
2828	0000	-495	37.8050	81.6494		PPK	1.3	1.3	5.7	1.04	0.23	4.43 -	1441.	52.	5.
2829	0000	-497	37.8050	81.6499		PPK	1.2	1.3	6.2	1.08	0.22	4.98	1430.	53.	5.
2830	0000	-499	37.8050	81.6503		PPK	1.3	1.3	5.9	0.97 -	0.21	4.53 -	1456.	50.	6.
2831	0000	-499	37.8050	81.6508		PPK	1.4	1.4	5.9	1.03	0.23	4.40 -	1491.	49.	7.
2832	0000	-498	37.8049	81.6513		PPK	1.4	1.4	5.9	1.00	0.23	4.28 -	1517.	49.	7.
2833	0000	-497	37.8049	81.6518		PPK	1.4	1.6	6.3	1.15	0.25	4.53 -	1565.	49.	6.
2834	0000	-498	37.8049	81.6523		PPK	1.4	1.9	6.7	1.35	0.28	4.77	1616.	49.	4.
2835	0000	-500	37.8049	81.6528		PPK	1.4	2.2 +	7.3	1.62	0.30	5.39	1662.	49.	3.
2836	0000	-500	37.8049	81.6533		PPK	1.4	2.4 +	7.4	1.76	0.33	5.37	1727.	48.	3.
2837	0000	-499	37.8049	81.6537		PPK	1.3	2.7 +	7.7 +	2.05 +	0.35	5.93	1737.	49.	2.
2838	0000	-501	37.8049	81.6542		PPK	1.3	2.8 +	7.5	2.18 +	0.37 +	5.89	1729.	50.	1.
2839	0000	-502	37.8049	81.6547		PPK	1.2	3.0 +	7.5	2.49 +	0.40 +	6.19	1729.	49.	1.
2840	0000	-502	37.8049	81.6553		PPK	1.2	2.9 +	7.4	2.46 +	0.40 +	6.16	1719.	49.	1.
2841	0000	-503	37.8049	81.6557		PPK	1.2	2.3 +	7.7 +	1.87	0.30	6.19	1704.	48.	2.
2842	0000	-505	37.8049	81.6562		PPK	1.3	2.3 +	7.4	1.81	0.31	5.93	1688.	46.	2.
2843	0000	-508	37.8050	81.6568		PPK	1.3	2.0	7.2	1.56	0.28	5.53	1653.	47.	3.
2844	0000	-506	37.8050	81.6573		PPK	1.3	1.8	7.0	1.38	0.26	5.27	1653.	48.	4.
2845	0000	-504	37.8050	81.6577		PPK	1.4	1.8	6.9	1.34	0.26	5.11	1668.	46.	5.
2846	0000	-508	37.8050	81.6582		PPK	1.4	1.8	6.7	1.32	0.27	4.93	1676.	47.	6.
2847	0000	-510	37.8050	81.6587		PPK	1.4	1.7	6.8	1.26	0.25	5.00	1665.	47.	6.
2848	0000	-509	37.8050	81.6592		PPK	1.3	1.9	6.4	1.46	0.30	4.89	1629.	49.	5.
2849	0000	-511	37.8050	81.6597		PPK	1.3	1.8	6.2	1.35	0.29	4.67 -	1611.	51.	5.
2850	0000	-514	37.8050	81.6602		PPK	1.3	1.6	6.5	1.25	0.25	4.96	1620.	52.	5.
2851	0000	-513	37.8050	81.6607		PPK	1.3	1.9	6.6	1.41	0.29	4.94	1662.	53.	4.
2852	0000	-512	37.8050	81.6613		PPK	1.3	2.0	7.0	1.49	0.28	5.23	1712.	51.	3.
2853	0000	-513	37.8051	81.6617		PPK	1.4	1.9	7.2	1.42	0.27	5.27	1720.	53.	3.
2854	0000	-513	37.8051	81.6622		PPK	1.4	2.1	6.7	1.57	0.32	4.92	1706.	[illegible]	3.
2855	0000	-513	37.8051	81.6627		PPK	1.3	2.2 +	6.9	1.63	0.32	5.12	1708.	[illegible]	2.
2856	0000	-516	37.8051	81.6632		PPK	1.3	2.2 +	6.5	1.77	0.35	5.12	1668.	[illegible]	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-514	37.8051	81.6637	PPK	1.2	2.3 +	5.8	1.87	0.39 +	4.79	1593.	52.	1.
2858	0000	-511	37.8051	81.6642	PPK	1.1	2.2 +	5.5	2.00 +	0.40 +	4.97	1480.	52.	2.
2859	0000	-512	37.8051	81.6647	PPK	1.1	2.1	5.0	1.89	0.42 +	4.49 -	1390.	55.	2.
2860	0000	-514	37.8051	81.6653	PPK	1.1	1.9	5.1	1.76	0.38 +	4.67 -	1356.	53.	2.
2861	0000	-516	37.8051	81.6657	PPK	1.2	1.7	5.6	1.45	0.30	4.83	1396.	53.	2.
2862	0000	-518	37.8051	81.6662	PPK	1.2	1.7	5.5	1.40	0.32	4.43 -	1445.	52.	3.
2863	0000	-518	37.8052	81.6667	PPK	1.3	1.8	5.8	1.37	0.30	4.52 -	1487.	52.	3.
2864	0000	-518	37.8051	81.6672	PPK	1.3	1.8	6.2	1.33	0.29	4.61 -	1526.	51.	3.
2865	0000	-518	37.8051	81.6677	PPK	1.4	1.4	6.3	1.03	0.23	4.52 -	1535.	51.	2.
2866	0000	-519	37.8051	81.6682	PPK	1.3	1.2	6.5	0.90 -	0.19 -	4.81	1509.	49.	3.
2867	0000	-520	37.8051	81.6687	PPK	1.3	1.2	5.9	0.90 -	0.20	4.52 -	1443.	51.	3.
2868	0000	-517	37.8052	81.6692	PPK	1.1	1.3	5.4	1.13	0.23	4.82	1331.	50.	2.
2869	0000	-516	37.8052	81.6696	PPK	1.0	1.1	5.0	1.07	0.22	4.93	1232.	51.	2.
2870	0000	-520	37.8052	81.6702	PPK	1.0	0.9 -	4.8	0.91 -	0.20	4.67 -	1192.	51.	2.
2871	0000	-522	37.8052	81.6707	PPK	1.0	0.8 -	4.7	0.85 -	0.17 -	4.89	1155.	53.	3.
2872	0000	-521	37.8052	81.6712	PPK	0.9	1.0 -	4.6 -	1.14	0.22	5.11	1163.	53.	3.
2873	0000	-522	37.8052	81.6717	PPK	0.9	1.1	4.6 -	1.17	0.24	4.93	1185.	53.	4.
2874	0000	-523	37.8052	81.6722	PPK	1.0	1.1	5.1	1.16	0.22	5.27	1217.	52.	4.
2875	0000	-523	37.8052	81.6727	PPK	1.0	1.1 -	5.4	1.04	0.20	5.22	1257.	51.	4.
2876	0000	-523	37.8052	81.6732	PPK	1.0	1.1	5.4	1.07	0.21	5.21	1269.	52.	3.
2877	0000	-525	37.8052	81.6736	PPK	1.0	1.2	5.0	1.23	0.24	5.10	1246.	51.	3.
2878	0000	-526	37.8052	81.6742	PPK	1.0	1.2	4.6 -	1.21	0.26	4.64 -	1228.	50.	4.
2879	0000	-527	37.8053	81.6747	PPK	1.0	1.1	4.5 -	1.13	0.26	4.43 -	1188.	51.	3.
2880	0000	-530	37.8053	81.6752	PPK	1.0	1.1	4.4 -	1.20	0.26	4.58 -	1149.	50.	2.
2881	0000	-530	37.8053	81.6756	PPK	0.9	1.2	4.2 -	1.29	0.29	4.46 -	1155.	47.	2.
2882	0000	-529	37.8053	81.6762	PPK	1.0	1.2	4.3 -	1.15	0.27	4.32 -	1170.	49.	2.
2883	0000	-530	37.8053	81.6767	PPK	1.0	1.2	4.7	1.19	0.26	4.59 -	1202.	46.	2.
2884	0000	-533	37.8053	81.6772	PPK	1.1	1.2	5.5	1.14	0.22	5.15	1263.	47.	1.
2885	0000	-534	37.8053	81.6776	PPK	1.1	1.5	5.7	1.28	0.26	5.02	1354.	48.	2.
2886	0000	-534	37.8053	81.6781	PPK	1.2	1.4	6.0	1.15	0.24	4.84	1459.	49.	3.
2887	0000	-536	37.8053	81.6786	PPK	1.3	1.7	6.2	1.34	0.27	4.87	1527.	51.	4.
2888	0000	-535	37.8053	81.6791	PPK	1.3	1.7	6.1	1.35	0.28	4.77 -	1551.	54.	4.
2889	0000	-533	37.8054	81.6796	PPK	1.3	1.7	6.5	1.37	0.27	5.14	1570.	53.	5.
2890	0000	-534	37.8054	81.6802	PPK	1.3	1.6	6.3	1.28	0.26	4.94	1590.	55.	6.
2891	0000	-535	37.8054	81.6807	PPK	1.3	1.8	6.0	1.37	0.30	4.63 -	1599.	55.	7.
2892	0000	-538	37.8054	81.6812	PPK	1.2	1.6	6.1	1.29	0.26	4.97	1561.	53.	6.
2893	0000	-540	37.8054	81.6816	PPK	1.1	1.6	6.2	1.43	0.27	5.37	1527.	53.	5.
2894	0000	-539	37.8054	81.6821	PPK	1.2	1.4	6.4	1.18	0.22	5.29	1529.	53.	5.
2895	0000	-541	37.8054	81.6826	PPK	1.3	1.5	6.4	1.20	0.24	5.08	1556.	52.	4.
2896	0000	-543	37.8054	81.6831	PPK	1.3	1.8	6.4	1.43	0.28	5.05	1592.	52.	3.
2897	0000	-539	37.8054	81.6836	PPK	1.3	2.0	6.9	1.58	0.29	5.36	1632.	51.	2.
2898	0000	-540	37.8054	81.6841	PPK	1.3	1.8	6.9	1.43	0.27	5.39	1641.	53.	2.
2899	0000	-546	37.8054	81.6847	PPK	1.4	2.0	6.7	1.43	0.29	4.92	1682.	52.	2.
2900	0000	-547	37.8054	81.6851	PPK	1.4 +	2.1	6.6	1.45	0.32	4.56 -	1743.	48.	2.
2901	0000	-545	37.8054	81.6856	PPK	1.5 +	2.3 +	6.6	1.58	0.35 +	4.46 -	1801.	45.	2.
2902	0000	-547	37.8054	81.6861	PPK	1.5 +	2.5 +	6.9	1.69	0.36 +	4.69	1858.	45.	2.
2903	0000	-547	37.8054	81.6866	PPK	1.6 +	2.3 +	6.6	1.39	0.35	4.02 --	1893.	44.	2.
2904	0000	-544	37.8054	81.6871	PPK	1.6 +	2.2 +	6.8	1.37	0.33	4.13 -	1904.	45.	3.
2905	0000	-546	37.8055	81.6876	PPK	1.7 +	2.3 +	7.2	1.36	0.32	4.24 -	1940.	43.	3.
2906	0000	-547	37.8055	81.6881	PPK	1.7 +	2.5 +	7.5	1.50	0.34	4.45 -	1965.	43.	3.
2907	0000	-546	37.8055	81.6887	PPK	1.6 +	2.4 +	7.8 +	1.49	0.31	4.79	1949.	45.	5.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAS	LAT	LONG	RK	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-547	37.8055	81.6891		PPK	1.6 +	2.0	8.3 +	1.24	0.24	5.14	1924.	47.	7.
2909	0000	-549	37.8055	81.6896		PPK	1.6 +	1.6	8.1 +	1.04	0.20	5.13	1871.	49.	10.
2910	0000	-549	37.8055	81.6901		PPK	1.5 +	1.4	8.3 +	0.96 -	0.17 -	5.69	1809.	48.	12.
2911	0000	-549	37.8055	81.6906		PPK	1.5 +	1.2	7.6 +	0.82 -	0.16 -	5.19	1762.	49.	13.
2912	0000	-553	37.8055	81.6911		PPK	1.4	1.1	7.0	0.79 -	0.16 -	4.95	1704.	51.	15.
2913	0000	-553	37.8055	81.6916		PPK	1.4	0.9 -	7.0	0.62 --	0.12 -	5.11	1652.	51.	14.
2914	0000	-553	37.8055	81.6921		PPK	1.4	0.6 --	6.8	0.45 ---	0.09 --	4.98	1589.	53.	13.
2915	0000	-553	37.8056	81.6926		PPK	1.3	0.9 -	6.1	0.69 --	0.15 -	4.68 -	1546.	53.	12.
2916	0000	-550	37.8056	81.6931		PPK	1.3	1.1	6.2	0.84 -	0.17 -	4.86	1526.	51.	9.
2917	0000	-549	37.8056	81.6936		PPK	1.3	1.5	5.8	1.19	0.26	4.56 -	1516.	50.	7.
2918	0000	-551	37.8056	81.6940		PPK	1.2	1.6	5.9	1.35	0.27	4.93	1483.	50.	6.
2919	0000	-551	37.8056	81.6945		PPK	1.2	1.7	5.6	1.47	0.30	4.82	1451.	51.	4.
2920	0000	-549	37.8056	81.6951		PPK	1.1	1.7	5.3	1.52	0.32	4.77	1405.	50.	4.
2921	0000	-550	37.8056	81.6956		PPK	1.1	1.8	5.0	1.67	0.35	4.77	1368.	48.	4.
2922	0000	-553	37.8056	81.6961		PPK	1.0	1.6	4.9	1.57	0.33	4.76	1300.	46.	5.
2923	0000	-551	37.8056	81.6966		PPK	1.0	1.3	4.5 -	1.34	0.29	4.55 -	1226.	48.	7.
2924	0000	-549	37.8056	81.6971		PPK	0.9	1.0 -	4.6 -	1.03	0.21	4.91	1178.	49.	8.
2925	0000	-549	37.8057	81.6976		PPK	0.9	0.8 -	4.3 -	0.88 -	0.19 -	4.71	1156.	47.	9.
2926	0000	-551	37.8057	81.6980		PPK	0.9	0.6 --	4.8	0.65 --	0.13 -	5.13	1156.	44.	10.
2927	0000	-555	37.8057	81.6985		PPK	1.0	0.6 --	5.1	0.65 --	0.13 -	5.19	1180.	44.	11.
2928	0000	-556	37.8057	81.6990		PPK	1.0	0.7 --	5.5	0.65 --	0.12 -	5.27	1227.	44.	10.
2929	0000	-556	37.8056	81.6996		PPK	1.1	0.9 -	5.6	0.87 -	0.17 -	5.18	1296.	45.	9.
2930	0000	-557	37.8057	81.7001		PPK	1.2	0.9 -	6.2	0.77 -	0.15 -	5.28	1400.	44.	8.
2931	0000	-557	37.8057	81.7005		PPK	1.3	1.2	6.1	0.97 -	0.20	4.77	1494.	45.	6.
2932	0000	-559	37.8057	81.7010		PPK	1.5 +	1.5	6.6	0.99 -	0.22	4.48 -	1624.	47.	5.
2933	0000	-559	37.8057	81.7015		PPK	1.5 +	1.7	7.7	1.09	0.25	4.33 -	1726.	48.	4.
2934	0000	-558	37.8057	81.7020		PPK	1.7 +	1.9	6.8	1.15	0.28	4.11 -	1813.	48.	3.
2935	0000	-559	37.8057	81.7025		PPK	1.7 +	2.2	6.8	1.26	0.32	3.95 --	1856.	48.	2.
2936	0000	-557	37.8057	81.7030		PPK	1.7 +	2.0	6.8	1.14	0.29	3.94 --	1851.	47.	2.
2937	0000	-556	37.8057	81.7036		PPK	1.7 +	2.1	6.6	1.26	0.33	3.89 --	1803.	48.	2.
2938	0000	-560	37.8057	81.7040		PPK	1.7 +	1.8	6.9	1.10	0.26	4.17 -	1761.	47.	3.
2939	0000	-559	37.8057	81.7045		PPK	1.6 +	1.8	6.9	1.19	0.27	4.46 -	1706.	44.	2.
2940	0000	-559	37.8057	81.7050		PPK	1.5 +	1.8	7.3	1.23	0.25	4.90	1710.	46.	3.
2941	0000	-560	37.8058	81.7055		PPK	1.5 +	1.8	8.0 +	1.18	0.22	5.26	1759.	45.	3.
2942	0000	-561	37.8058	81.7060		PPK	1.6 +	1.9	8.6 +	1.18	0.22	5.37	1862.	46.	4.
2943	0000	-562	37.8058	81.7065		PPK	1.7 +	2.1	8.8 +	1.22	0.24	5.19	1940.	45.	4.
2944	0000	-561	37.8058	81.7070		PPK	1.7 +	2.3 +	8.7 +	1.35	0.27	5.00	1972.	46.	4.
2945	0000	-561	37.8058	81.7075		PPK	1.8 +	2.5 +	8.8 +	1.45	0.29	5.02	1999.	47.	3.
2946	0000	-563	37.8058	81.7081		PPK	1.8 +	2.4 +	8.8 +	1.38	0.28	4.99	1997.	49.	4.
2947	0000	-560	37.8058	81.7085		PPK	1.7 +	2.4 +	8.4 +	1.38	0.28	4.84	1936.	48.	4.
2948	0000	-559	37.8058	81.7090		PPK	1.6 +	2.2 +	7.5	1.36	0.30	4.58 -	1835.	49.	3.
2949	0000	-561	37.8058	81.7095		PPK	1.5 +	2.0	6.6	1.37	0.31	4.44 -	1685.	51.	3.
2950	0000	-562	37.8058	81.7100		PPK	1.4	2.0	6.4	1.42	0.31	4.54 -	1611.	53.	2.
2951	0000	-563	37.8059	81.7105		PPK	1.4	1.8	6.4	1.35	0.29	4.66 -	1575.	51.	2.
2952	0000	-562	37.8059	81.7110		PPK	1.3	1.8	6.1	1.36	0.30	4.58 -	1521.	52.	2.
2953	0000	-562	37.8059	81.7115		PPK	1.2	1.7	5.7	1.32	0.29	4.56 -	1455.	53.	2.
2954	0000	-565	37.8058	81.7120		PPK	1.2	1.6	5.3	1.32	0.31	4.33 -	1401.	52.	3.
2955	0000	-565	37.8058	81.7125		PPK	1.1	1.7	5.3	1.53	0.32	4.83	1330.	52.	3.
2956	0000	-564	37.8059	81.7130		PPK	1.0	1.5	5.1	1.47	0.30	4.90	1285.	52.	4.
2957	0000	-561	37.8059	81.7134		PPK	1.0	1.3	5.0	1.28	0.26	5.02	1226.	49.	4.
2958	0000	-549	37.8059	81.7140		PPK	1.0	1.2	4.9	1.23	0.24	5.16	1200.	50.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-542	37.8059	81.7145	PPK	0.9	1.1	4.8	1.23	0.23	5.33	1184.	52.	5.
2960	0000	-546	37.8059	81.7150	PPK	0.9	1.1	4.7	1.20	0.23	5.14	1187.	52.	5.
2961	0000	-551	37.8060	81.7155	PPK	0.9	1.1	4.7	1.23	0.24	5.10	1211.	55.	6.
2962	0000	-557	37.8060	81.7160	PPK	1.1	1.0 -	4.7	0.90 -	0.20	4.42 -	1275.	55.	7.
2963	0000	-561	37.8059	81.7165	PPK	1.1	1.0 -	5.4	0.83 -	0.18 -	4.71	1346.	54.	7.
2964	0000	-561	37.8059	81.7170	PPK	1.2	0.8 -	6.0	0.70 --	0.14 -	5.01	1407.	56.	7.
2965	0000	-562	37.8059	81.7174	PPK	1.2	0.9 -	5.9	0.72 -	0.15 -	4.89	1444.	58.	7.
2966	0000	-565	37.8060	81.7179	PPK	1.2	1.0 -	6.0	0.79 -	0.16 -	4.89	1476.	55.	7.
2967	0000	-566	37.8060	81.7185	PPK	1.2	1.0 -	6.2	0.82 -	0.16 -	5.02	1500.	54.	7.
2968	0000	-561	37.8060	81.7190	PPA-1	1.2 +	1.0	6.6 +	0.85 -	0.16 -	5.39	1522.	50.	7.
2969	0000	-559	37.8060	81.7195	PPA-1	1.2 +	1.2	6.6 +	0.99 -	0.18 -	5.60	1503.	49.	6.
2970	0000	-562	37.8060	81.7199	PPA-1	1.1 +	1.3	6.1 +	1.18	0.22	5.38	1462.	49.	6.
2971	0000	-562	37.8060	81.7205	PPA-1	1.1 +	1.5	5.4	1.36	0.28	4.82 -	1425.	50.	5.
2972	0000	-562	37.8060	81.7210	PPK	1.1	1.7	5.5	1.46	0.30	4.86	1416.	48.	4.
2973	0000	-564	37.8060	81.7214	PPK	1.2	1.6	5.5	1.40	0.30	4.74	1409.	49.	4.
2974	0000	-560	37.8060	81.7219	PPK	1.1	1.8	5.1	1.61	0.36 +	4.50 -	1387.	49.	3.
2975	0000	-560	37.8060	81.7224	PPK	1.1	1.6	5.1	1.41	0.32	4.44 -	1358.	49.	2.
2976	0000	-564	37.8060	81.7230	PPK	1.1	1.6	5.1	1.53	0.32	4.74	1326.	52.	2.
2977	0000	-561	37.8061	81.7235	PPK	1.0	1.5	5.0	1.48	0.30	4.87	1286.	53.	1.
2978	0000	-562	37.8061	81.7239	PPK	1.0	1.5	5.1	1.51	0.29	5.23	1241.	54.	1.
2979	0000	-567	37.8061	81.7244	PPK	0.9	1.4	4.8	1.62	0.30	5.47	1170.	56.	0.
2980	0000	-565	37.8061	81.7250	PPK	0.8 -	1.4	4.4 -	1.71	0.31	5.55	1108.	58.	1.
2981	0000	-565	37.8061	81.7254	PPK	0.7 -	1.3	4.5 -	1.75	0.29	6.12	1052.	58.	1.
2982	0000	-566	37.8061	81.7259	PPK	0.7 -	1.4	4.1 -	2.03 +	0.35	5.88	1003.	61.	1.
2983	0000	-565	37.8061	81.7264	PPK	0.7 -	1.3	3.8 -	1.86	0.33	5.68	969.	63.	2.
2984	0000	-564	37.8061	81.7270	PPK	0.7 -	1.1	3.9 -	1.56	0.29	5.45	970.	62.	2.
2985	0000	-563	37.8061	81.7274	PPK	0.7 -	1.1 -	4.1 -	1.42	0.26	5.49	986.	60.	3.
2986	0000	-563	37.8061	81.7279	PPK	0.8 -	1.1	4.2 -	1.42	0.26	5.44	1043.	58.	4.
2987	0000	-564	37.8062	81.7284	PPK	0.8 -	1.4	4.7	1.67	0.30	5.57	1116.	55.	4.
2988	0000	-565	37.8062	81.7290	PPK	0.9	1.4	4.8	1.53	0.29	5.31	1211.	54.	6.
2989	0000	-563	37.8062	81.7294	PPK	1.1	1.2	5.4	1.09	0.22	5.04	1315.	53.	7.
2990	0000	-562	37.8062	81.7299	PPK	1.2	1.2	6.2	1.02	0.20	5.15	1430.	48.	7.
2991	0000	-562	37.8062	81.7304	PPK	1.3	1.7	6.1	1.32	0.27	4.84	1538.	49.	7.
2992	0000	-560	37.8062	81.7309	PPK	1.3	1.6	6.5	1.25	0.25	5.00	1601.	50.	8.
2993	0000	-558	37.8062	81.7314	PPK	1.4	1.6	6.4	1.15	0.25	4.61 -	1612.	52.	7.
2994	0000	-558	37.8062	81.7319	PPK	1.4	1.3	6.4	0.92 -	0.20	4.65 -	1594.	53.	7.
2995	0000	-559	37.8062	81.7324	PPK	1.4	1.2	6.7	0.87 -	0.18 -	4.83	1540.	54.	5.
2996	0000	-559	37.8062	81.7330	PPK	1.2	1.6	6.0	1.33	0.26	5.05	1444.	54.	4.
2997	0000	-559	37.8062	81.7334	PPK	1.1	1.7	5.2	1.54	0.32	4.90	1324.	54.	3.
2998	0000	-559	37.8062	81.7339	PPK	0.9	1.4	4.8	1.48	0.29	5.16	1183.	52.	2.
2999	0000	-562	37.8062	81.7344	PPK	0.8 -	1.5	4.2 -	1.84	0.36 +	5.10	1089.	52.	1.
3000	0000	-561	37.8062	81.7349	PPK	0.7 -	1.5	4.4 -	2.00 +	0.33	6.00	1032.	50.	0.
3001	0000	-560	37.8062	81.7354	PPK	0.7 -	1.5	4.2 -	2.11 +	0.37 +	5.71	995.	50.	0.
3002	0000	-561	37.8062	81.7359	PPK	0.7 -	1.6	4.0 -	2.14 +	0.39 +	5.46	993.	51.	0.
3003	0000	-561	37.8063	81.7364	PPK	0.8 -	1.4	4.5 -	1.78	0.32	5.52	1049.	52.	0.
3004	0000	-560	37.8063	81.7369	PPK	1.0	1.6	4.9	1.65	0.32	5.09	1142.	52.	0.
3005	0000	-559	37.8063	81.7373	PPK	1.1	1.5	5.9	1.39	0.25	5.61	1262.	55.	2.
3006	0000	-559	37.8063	81.7379	PPK	1.2	1.4	6.2	1.25	0.23	5.42	1383.	55.	4.
3007	0000	-561	37.8063	81.7384	PPK	1.2	1.5	6.6	1.24	0.23	5.38	1479.	53.	6.
3008	0000	-560	37.8063	81.7389	PPK	1.3	1.3	6.7	1.01	0.20	5.11	1558.	52.	8.
3009	1000	-559	37.8063	81.7393	PPK	1.4	1.1 -	6.9	0.78 -	0.15 -	5.11	1585.	53.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-560	37.8063	81.7399		PPK	1.3	1.0 -	6.7	0.78 -	0.15 -	5.24	1571.	51.	11.
3011	0000	-559	37.8063	81.7404		PPK	1.2	0.8 -	6.4	0.66 --	0.12 -	5.50	1491.	52.	11.
3012	0000	-558	37.8063	81.7409		PPK	1.1	0.9 -	5.4	0.80 -	0.16 -	5.10	1387.	49.	10.
3013	0000	-558	37.8064	81.7413		PPK	1.0	0.8 -	5.1	0.78 -	0.15 -	5.20	1265.	50.	10.
3014	0000	-558	37.8064	81.7419		PPK	0.9	0.5 --	4.5 -	0.60 --	0.12 -	4.96	1155.	51.	9.
3015	0000	-558	37.8064	81.7424		PPK	0.8 -	0.6 --	4.3 -	0.76 -	0.14 -	5.38	1056.	52.	7.
3016	0000	-557	37.8064	81.7429		PPK	0.7 -	1.0 -	3.9 -	1.46	0.27	5.51	1025.	50.	6.
3017	0000	-558	37.8064	81.7433		PPK	0.8 -	1.0 -	3.7 -	1.37	0.28	4.92	1018.	51.	5.
3018	0000	-559	37.8064	81.7439		PPK	0.9	1.2	3.7 -	1.34	0.31	4.28 -	1075.	50.	5.
3019	0000	-554	37.8064	81.7444		PPK	1.0	1.1	4.1 -	1.15	0.27	4.34 -	1168.	49.	6.
3020	0000	-553	37.8064	81.7449		PPK	1.1	1.2	4.5 -	1.17	0.27	4.30 -	1274.	48.	6.
3021	0000	-554	37.8064	81.7453		PPK	1.2	1.4	5.2	1.22	0.27	4.43 -	1435.	47.	7.
3022	0000	-555	37.8064	81.7458		PPK	1.3	1.3	6.1	0.95 -	0.21	4.54 -	1576.	47.	8.
3023	0000	-554	37.8065	81.7464		PPK	1.5 +	1.1	6.2	0.72 -	0.18 -	4.01 --	1682.	45.	9.
3024	0000	-552	37.8065	81.7468		PPK	1.6 +	1.0 -	6.7	0.64 --	0.15 -	4.12 -	1738.	44.	9.
3025	0000	-552	37.8065	81.7473		PPK	1.6 +	1.1	6.9	0.71 --	0.16 -	4.38 -	1752.	47.	9.
3026	0000	-550	37.8065	81.7478		PPK	1.6 +	1.4	6.8	0.86 -	0.20	4.20 -	1748.	47.	8.
3027	0000	-548	37.8065	81.7484		PPK	1.6 +	1.4	6.8	0.90 -	0.21	4.28 -	1744.	47.	8.
3028	0000	-547	37.8065	81.7489		PPK	1.6 +	1.5	6.6	0.92 -	0.22	4.18 -	1715.	48.	8.
3029	0000	-545	37.8065	81.7493		PPK	1.5 +	1.7	6.7	1.12	0.26	4.33 -	1700.	48.	7.
3030	0000	-543	37.8065	81.7498		PPK	1.5 +	1.9	7.2	1.29	0.27	4.85	1727.	49.	8.
3031	0000	-543	37.8065	81.7503		PPK	1.5 +	2.0	7.7 +	1.35	0.26	5.12	1826.	48.	9.
3032	0000	-542	37.8065	81.7508		PPK	1.6 +	2.2	8.5 +	1.33	0.25	5.25	1966.	44.	9.
3033	1000	-543	37.8065	81.7513		PPK	1.7 +	2.3 +	9.1 ++	1.37	0.25	5.44	2098.	46.	10.
3034	1000	-544	37.8065	81.7518		PPK	1.8 +	2.1	9.6 ++	1.14	0.22	5.23	2195.	46.	11.
3035	1000	-544	37.8065	81.7523		PPK	1.9 ++	2.1	10.3 ++	1.12	0.21	5.44	2290.	45.	12.
3036	1000	-544	37.8065	81.7529		PPK	1.9 ++	1.6	10.6 +++	0.83 -	0.15 -	5.49	2371.	45.	14.
3037	1000	-541	37.8065	81.7533		PPK	2.1 ++	1.2	11.0 +++	0.57 --	0.11 -	5.25	2427.	44.	15.
3038	1000	-540	37.8065	81.7538		PPK	2.2 ++	1.1	11.3 +++	0.53 --	0.10 --	5.21	2465.	45.	15.
3039	1000	-542	37.8066	81.7543		PPK	2.2 ++	1.2	11.2 +++	0.53 --	0.11 --	5.01	2516.	45.	16.
3040	1010	-541	37.8066	81.7548		PPK	2.3 ++	0.7 N.A.	11.2 +++	0.30 N.A.	0.06 N.A.	4.85	2478.	44.	17.
3041	1000	-542	37.8066	81.7553		PPK	2.1 ++	0.9 -	10.4 ++	0.44 ---	0.09 --	4.90	2351.	45.	16.
3042	1010	-543	37.8066	81.7558		PPK	2.1 ++	0.7 N.A.	9.5 ++	0.32 N.A.	0.07 N.A.	4.64 -	2224.	46.	15.
3043	1000	-541	37.8066	81.7563		PPK	2.0 ++	1.3	8.8 +	0.65 --	0.14 -	4.52 -	2139.	45.	14.
3044	1000	-540	37.8066	81.7569		PPK	1.9 ++	1.5	8.9 +	0.78 -	0.16 -	4.78	2098.	45.	13.
3045	1000	-542	37.8066	81.7573		PPK	1.8 +	1.5	8.0 +	0.86 -	0.19 -	4.45 -	2043.	45.	12.
3046	1000	-540	37.8066	81.7578		PPK	1.8 +	1.1	8.7 +	0.63 --	0.13 -	4.93	1965.	46.	10.
3047	0000	-535	37.8066	81.7583		PPK	1.7 +	1.4	8.4 +	0.85 -	0.17 -	4.99	1898.	46.	8.
3048	0000	-537	37.8066	81.7588		PPK	1.7 +	1.3	8.4 +	0.74 -	0.15 -	4.93	1897.	46.	8.
3049	0000	-538	37.8067	81.7593		PPK	1.6 +	1.3	8.3 +	0.79 -	0.16 -	5.06	1874.	46.	8.
3050	0000	-535	37.8067	81.7598		PPK	1.6 +	1.1	8.1 +	0.69 --	0.14 -	5.02	1816.	44.	8.
3051	0000	-533	37.8067	81.7603		PPK	1.4 +	1.1	7.3	0.78 -	0.15 -	5.07	1711.	47.	9.
3052	0000	-532	37.8067	81.7608		PPK	1.3	1.3	6.7	1.01	0.20	5.07	1629.	48.	10.
3053	0000	-532	37.8067	81.7613		PPK	1.2	1.5	5.4	1.24	0.29	4.34 -	1542.	47.	10.
3054	0000	-532	37.8067	81.7618		PPK	1.2	1.3	5.3	1.04	0.24	4.40 -	1517.	49.	11.
3055	0000	-532	37.8067	81.7622		PPK	1.2	1.3	5.5	1.13	0.25	4.61 -	1525.	50.	10.
3056	0000	-532	37.8067	81.7627		PPK	1.2	1.4	5.7	1.21	0.25	4.84	1519.	50.	9.
3057	0000	-529	37.8067	81.7633		PPK	1.2	1.5	5.8	1.29	0.26	4.88	1506.	54.	7.
3058	0000	-528	37.8067	81.7638		PPK	1.2	1.5	5.5	1.24	0.27	4.52 -	1482.	53.	6.
3059	0000	-530	37.8068	81.7643		PPK	1.2	1.3	5.5	1.02	0.23	4.41 -	1427.	53.	5.
3060	0000	-529	37.8068	81.7648		PPK	1.2	1.0 -	5.7	0.82 -	0.18 -	4.62 -	1394.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-527	37.8067	81.7652	PPK	1.2	1.0 -	5.8	0.87 -	0.17 -	5.04	1360.	51.	4.
3062	0000	-527	37.8067	81.7657	PPK	1.2	1.0 -	5.9	0.82 -	0.17 -	4.94	1371.	50.	4.
3063	0000	-528	37.8067	81.7662	PPK	1.2	1.2	5.9	0.99 -	0.20	4.86	1399.	50.	4.
3064	0000	-529	37.8068	81.7667	PPK	1.2	1.1	5.9	0.94 -	0.19	4.82	1408.	48.	5.
3065	0000	-528	37.8068	81.7673	PPK	1.2	1.2	6.3	1.01	0.20	5.11	1433.	51.	5.
3066	0000	-527	37.8068	81.7678	PPK	1.2	1.1	6.7	0.95 -	0.17 -	5.54	1448.	53.	5.
3067	0000	-528	37.8068	81.7683	PPK	1.1	1.2	6.4	1.09	0.19	5.76	1435.	52.	5.
3068	0000	-526	37.8068	81.7687	PPA-1	1.1 +	1.4	6.1 +	1.31	0.24	5.55	1434.	56.	6.
3069	0000	-526	37.8068	81.7692	PPA-1	1.1 +	1.4	6.1 +	1.30	0.23	5.69	1407.	58.	6.
3070	0000	-527	37.8068	81.7697	PPA-1	1.0	1.2	6.1 +	1.14	0.19 -	5.87	1373.	57.	7.
3071	0000	-526	37.8068	81.7702	PPA-1	1.0	1.2	6.0 +	1.20	0.20	5.99	1369.	57.	6.
3072	0000	-525	37.8068	81.7707	PPA-1	1.0	1.2	6.1 +	1.14	0.19 -	5.98	1392.	54.	6.
3073	0000	-524	37.8068	81.7712	PPA-1	1.1 +	1.2	6.2 +	1.13	0.20	5.63	1432.	51.	5.
3074	0000	-524	37.8068	81.7717	PPA-1	1.1 +	1.3	6.8 +	1.12	0.19 -	5.97	1478.	51.	4.
3075	0000	-526	37.8069	81.7722	PPA-1	1.2 +	1.4	6.7 +	1.19	0.21	5.52	1509.	49.	4.
3076	0000	-525	37.8069	81.7727	PPA-1	1.2 +	1.8 +	6.7 +	1.44	0.27	5.39	1534.	50.	3.
3077	0000	-520	37.8069	81.7732	PPA-1	1.3 +	1.7	6.8 +	1.32	0.25	5.36	1558.	51.	4.
3078	0000	-520	37.8069	81.7737	PPA-1	1.3 +	1.7	6.8 +	1.35	0.26	5.25	1572.	49.	4.
3079	0000	-522	37.8069	81.7742	PPA-1	1.2 +	1.7	6.5 +	1.38	0.26	5.26	1516.	51.	4.
3080	0000	-518	37.8069	81.7747	PPA-1	1.1 +	1.8 +	5.8 +	1.58	0.31	5.15	1447.	53.	4.
3081	0000	-517	37.8069	81.7752	PPA-1	1.1 +	1.8 +	5.2	1.73	0.36	4.85 -	1372.	54.	4.
3082	0000	-520	37.8069	81.7757	PPA-1	1.0	1.5	5.2	1.54	0.29	5.31	1314.	54.	5.
3083	0000	-519	37.8069	81.7762	PPK	0.9	1.2	5.4	1.34	0.23	5.92	1260.	53.	6.
3084	0000	-519	37.8069	81.7767	PPK	0.9	1.1	5.3	1.19	0.20	5.92	1224.	52.	7.
3085	0000	-518	37.8070	81.7772	PPK	0.9	1.1	5.2	1.28	0.22	5.92	1219.	54.	8.
3086	0000	-516	37.8070	81.7777	PPK	0.9	1.3	5.2	1.54	0.26	5.91	1267.	54.	9.
3087	0000	-516	37.8070	81.7782	PPK	0.9	1.5	5.7	1.55	0.26	6.05	1320.	53.	10.
3088	0000	-514	37.8070	81.7787	PPK	1.0	1.3	5.8	1.24	0.22	5.62	1372.	52.	12.
3089	0000	-512	37.8069	81.7792	PPK	1.1	1.3	6.0	1.18	0.22	5.35	1450.	53.	11.
3090	0000	-511	37.8070	81.7797	PPK	1.2	1.4	6.1	1.11	0.22	4.96	1545.	55.	11.
3091	0000	-509	37.8070	81.7802	PPK	1.3	1.7	6.5	1.31	0.25	5.16	1618.	55.	11.
3092	0000	-508	37.8070	81.7807	PPK	1.3	1.5	7.2	1.09	0.20	5.31	1667.	55.	10.
3093	0000	-509	37.8070	81.7812	PPK	1.4 +	1.3	7.8 +	0.91 -	0.17 -	5.47	1712.	54.	8.
3094	0000	-510	37.8070	81.7816	PPK	1.5 +	1.4	7.8 +	0.97 -	0.18 -	5.29	1744.	56.	7.
3095	0000	-507	37.8071	81.7822	PPK	1.5 +	1.6	8.0 +	1.08	0.20	5.28	1774.	55.	6.
3096	0000	-504	37.8070	81.7827	PPK	1.5 +	1.7	7.9 +	1.14	0.21	5.36	1767.	54.	5.
3097	0000	-505	37.8070	81.7832	PPK	1.5 +	1.7	7.9 +	1.11	0.21	5.32	1747.	52.	5.
3098	0000	-503	37.8070	81.7837	PPK	1.5 +	1.6	7.6 +	1.05	0.21	4.91	1734.	52.	5.
3099	0000	-500	37.8070	81.7842	PPK	1.5 +	1.9	6.9	1.23	0.27	4.58 -	1734.	50.	5.
3100	0000	-501	37.8070	81.7847	PPK	1.5 +	2.0	6.7	1.33	0.30	4.48 -	1732.	49.	5.
3101	0000	-501	37.8070	81.7851	PPK	1.5 +	1.8	7.1	1.22	0.25	4.87	1730.	48.	6.
3102	0000	-498	37.8069	81.7855	PPK	1.4	1.6	7.2	1.11	0.22	5.04	1730.	49.	7.
3103	0000	-499	37.8067	81.7859	PPK	1.4 +	1.3	7.2	0.92 -	0.18 -	4.97	1741.	49.	10.
3104	0000	-501	37.8066	81.7863	PPK	1.4 +	1.3	7.3	0.89 -	0.18 -	5.07	1725.	50.	11.
3105	0000	-499	37.8065	81.7867	PPK	1.3	1.3	7.0	0.94 -	0.18 -	5.25	1672.	51.	12.
3106	0000	-498	37.8064	81.7872	PPK	1.3	0.8 -	7.0	0.65 --	0.12 -	5.37	1592.	50.	13.
3107	0000	-498	37.8063	81.7876	PPK	1.3	0.6 --	6.7	0.46 ---	0.09 --	5.32	1509.	52.	14.
3108	0000	-498	37.8062	81.7879	PPK	1.2	0.4 ---	6.4	0.33 ---	0.06 --	5.17	1425.	52.	14.
3109	0000	-496	37.8061	81.7884	PPK	1.2	0.4 ---	6.2	0.35 ---	0.07 --	5.31	1348.	49.	13.
3110	0000	-496	37.8060	81.7888	PPK	1.1	0.6 --	6.2	0.60 --	0.10 --	5.75	1287.	50.	11.
3111	0000	-494	37.8059	81.7892	PPK	1.1	0.6 --	5.9	0.52 --	0.09 --	5.53	1254.	50.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-491	37.8058	81.7896	PPK	1.1	0.5 ---	6.0	0.42 ---	0.08 --	5.45	1256.	50.	10.
3113	0000	-492	37.8057	81.7901	PPA-1	1.1 +	0.5 -	6.2 +	0.50 ---	0.09 --	5.67	1268.	49.	8.
3114	0000	-493	37.8055	81.7904	PPA-1	1.1 +	0.8 -	6.6 +	0.69 --	0.12 -	5.94	1289.	48.	6.
3115	0000	-491	37.8055	81.7908	PPA-1	1.1 +	0.9 -	6.8 +	0.77 --	0.13 -	6.10	1339.	50.	5.
3116	0000	-490	37.8054	81.7913	PPA-1	1.1 +	1.1	6.6 +	0.95 -	0.16 -	5.90	1379.	52.	4.
3117	0000	-490	37.8053	81.7917	PPA-1	1.2 +	1.4	6.6 +	1.21	0.21	5.67	1443.	50.	3.
3118	0000	-488	37.8051	81.7921	PPA-2	1.2 -	1.8	7.4 -	1.56	0.24	6.38 +	1495.	50.	2.
3119	0000	-489	37.8050	81.7925	PPA-2	1.1 -	2.1	7.5	1.86 +	0.28	6.60 ++	1560.	48.	1.
3120	0000	-489	37.8050	81.7930	PPA-2	1.2 -	2.4	7.3 -	2.06 ++	0.33 +	6.20 +	1619.	52.	1.
3121	0000	-487	37.8049	81.7933	PPA-2	1.2 -	2.5	7.1 -	2.12 ++	0.35 +	6.10 +	1655.	50.	2.
3122	0000	-488	37.8047	81.7937	PPK	1.2	2.6 +	7.0	2.22 +	0.37 +	6.09	1666.	49.	3.
3123	0000	-489	37.8046	81.7942	PPK	1.2	2.4 +	7.4	2.04 +	0.32	6.39 +	1686.	48.	4.
3124	0000	-485	37.8045	81.7945	PPK	1.2	2.0	7.1	1.69	0.29	5.86	1664.	49.	6.
3125	0000	-482	37.8044	81.7950	PPK	1.2	1.8	6.4	1.50	0.28	5.37	1627.	50.	8.
3126	0000	-481	37.8043	81.7954	PPK	1.1	1.6	6.6	1.46	0.25	5.93	1558.	51.	8.
3127	0000	-481	37.8042	81.7958	PPK	1.0	1.6	6.9	1.58	0.23	6.98 +	1506.	47.	9.
3128	0000	-481	37.8041	81.7962	PPK	1.0	1.6	6.4	1.62	0.25	6.51 +	1460.	48.	8.
3129	0000	-480	37.8040	81.7966	PPK	0.9	1.6	6.1	1.78	0.26	6.82 +	1408.	48.	8.
3130	0000	-481	37.8039	81.7970	PPK	0.8 -	1.7	5.7	2.09 +	0.31	6.83 +	1332.	49.	7.
3131	0000	-485	37.8038	81.7974	PPK	0.7 -	1.7	5.6	2.37 +	0.31	7.68 ++	1275.	49.	5.
3132	0000	-485	37.8037	81.7978	PPK	0.7 -	1.9	5.3	2.79 ++	0.35 +	7.90 ++	1239.	48.	4.
3133	0000	-482	37.8035	81.7983	PPK	0.7 -	1.9	4.8	2.54 +	0.40 +	6.43 +	1207.	47.	3.
3134	0000	-484	37.8034	81.7987	PPK	0.8 -	1.8	4.4 -	2.31 +	0.40 +	5.79	1178.	49.	2.
3135	0000	-485	37.8034	81.7991	PPK	0.7 -	1.8	4.5 -	2.49 +	0.40 +	6.29 +	1134.	50.	1.
3136	0000	-479	37.8033	81.7995	PPK	0.7 -	1.6	4.4 -	2.23 +	0.38 +	5.92	1097.	52.	1.
3137	0000	-476	37.8031	81.8000	PPK	0.7 -	1.6	4.2 -	2.17 +	0.38 +	5.68	1074.	53.	1.
3138	0000	-476	37.8030	81.8003	PPK	0.7 -	1.6	4.2 -	2.26 +	0.37 +	6.09	1051.	53.	1.
3139	0000	-472	37.8028	81.8007	PPK	0.7 -	1.5	4.3 -	2.09 +	0.34	6.10	1039.	53.	1.
3140	0000	-469	37.8028	81.8012	PPA-1	0.7	1.4	4.2	2.11	0.33	6.31	1044.	55.	2.
3141	0000	-467	37.8027	81.8015	PPA-1	0.7	1.5	4.3	2.34 +	0.35	6.60	1060.	56.	3.
3142	0000	-468	37.8026	81.8020	PPA-1	0.7	1.5	4.8	2.18 +	0.32	6.90 +	1099.	56.	3.
3143	0000	-471	37.8025	81.8024	PPA-1	0.7	1.6	5.2	2.10	0.30	6.96 +	1167.	52.	3.
3144	0000	-472	37.8024	81.8029	PPA-1	0.8	1.5	5.3	1.86	0.28	6.68	1237.	51.	5.
3145	0000	-474	37.8023	81.8032	PPA-1	0.9	1.6	5.6	1.90	0.29	6.48	1301.	51.	6.
3146	0000	-478	37.8022	81.8036	PPA-1	0.9	1.6	5.7	1.74	0.29	6.11	1367.	52.	6.
3147	0000	-478	37.8021	81.8040	PPA-1	1.1 +	1.6	6.3 +	1.48	0.25	5.92	1450.	51.	7.
3148	0000	-476	37.8020	81.8044	PPA-1	1.2 +	1.4	6.5 +	1.17	0.21	5.55	1518.	49.	7.
3149	0000	-476	37.8018	81.8049	PPA-1	1.3 +	1.1	6.7 +	0.84 -	0.16 -	5.12	1575.	50.	9.
3150	0000	-477	37.8018	81.8053	PPK	1.4	1.2	6.4	0.87 -	0.18 -	4.70	1607.	53.	10.
3151	0000	-478	37.8017	81.8057	PPK	1.5 +	1.0 -	7.0	0.71 --	0.15 -	4.79	1649.	51.	10.
3152	0000	-478	37.8015	81.8061	PPK	1.5 +	0.9 -	7.1	0.60 --	0.13 -	4.67 -	1673.	50.	10.
3153	0000	-477	37.8014	81.8065	PPK	1.5 +	0.8 -	7.5	0.51 ---	0.10 --	4.96	1688.	49.	10.
3154	0000	-476	37.8013	81.8069	PPK	1.5 +	0.8 -	7.5	0.53 --	0.11 -	4.98	1684.	49.	9.
3155	0000	-475	37.8012	81.8073	PPK	1.5 +	1.0 -	7.1	0.66 --	0.14 -	4.78	1663.	48.	8.
3156	0000	-476	37.8011	81.8078	PPK	1.4	1.2	6.9	0.84 -	0.17 -	4.93	1640.	49.	7.
3157	0000	-477	37.8010	81.8081	PPK	1.4	1.3	7.1	0.90 -	0.18 -	5.13	1624.	48.	6.
3158	0000	-473	37.8009	81.8085	PPK	1.3	1.4	7.2	1.04	0.19	5.43	1607.	50.	5.
3159	0000	-472	37.8008	81.8090	PPK	1.3	1.5	6.7	1.19	0.23	5.22	1611.	52.	4.
3160	0000	-475	37.8007	81.8094	PPK	1.3	1.7	6.7	1.27	0.25	5.15	1645.	51.	3.
3161	0000	-473	37.8006	81.8098	PPK	1.3	1.9	6.6	1.50	0.29	5.10	1669.	53.	3.
3162	0000	-472	37.8005	81.8102	PPK	1.3	1.8	7.0	1.41	0.26	5.39	1699.	53.	3.

CP 9 IP 12

FLIGHT LINE 20, 1 ...A01
FLIGHT LINE 20, 52 ...B01
FLIGHT LINE 20, 103 ...C01
FLIGHT LINE 20, 154 ...D01
FLIGHT LINE 20, 205 ...E01
FLIGHT LINE 20, 256 ...F01
FLIGHT LINE 20, 307 ...G01
FLIGHT LINE 20, 358 ...H01
FLIGHT LINE 20, 409 ...I01
FLIGHT LINE 20, 460 ...J01
FLIGHT LINE 20, 511 ...K01
FLIGHT LINE 20, 562 ...L01
FLIGHT LINE 20, 613 ...M01
FLIGHT LINE 20, 664 ...A02
FLIGHT LINE 20, 715 ...B02
FLIGHT LINE 20, 766 ...C02
FLIGHT LINE 20, 817 ...D02
FLIGHT LINE 20, 868 ...E02
FLIGHT LINE 20, 919 ...F02
FLIGHT LINE 20, 970 ...G02
FLIGHT LINE 20, 1021 ...H02
FLIGHT LINE 20, 1072 ...I02
FLIGHT LINE 20, 1123 ...J02
FLIGHT LINE 20, 1174 ...K02
FLIGHT LINE 20, 1225 ...L02
FLIGHT LINE 20, 1276 ...M02
FLIGHT LINE 20, 1327 ...A03
FLIGHT LINE 20, 1378 ...B03
FLIGHT LINE 20, 1429 ...C03
FLIGHT LINE 20, 1480 ...D03
FLIGHT LINE 20, 1531 ...E03
FLIGHT LINE 20, 1582 ...F03
FLIGHT LINE 20, 1633 ...G03
FLIGHT LINE 20, 1684 ...H03
FLIGHT LINE 20, 1735 ...I03
FLIGHT LINE 20, 1786 ...J03
FLIGHT LINE 20, 1837 ...K03
FLIGHT LINE 20, 1888 ...L03
FLIGHT LINE 20, 1939 ...M03
FLIGHT LINE 20, 1990 ...A04
FLIGHT LINE 20, 2041 ...B04
FLIGHT LINE 20, 2092 ...C04
FLIGHT LINE 20, 2143 ...D04
FLIGHT LINE 20, 2194 ...E04
FLIGHT LINE 20, 2245 ...F04
FLIGHT LINE 20, 2296 ...G04
FLIGHT LINE 20, 2347 ...H04
FLIGHT LINE 20, 2398 ...I04
FLIGHT LINE 20, 2449 ...J04
FLIGHT LINE 20, 2500 ...K04
FLIGHT LINE 20, 2551 ...L04
FLIGHT LINE 20, 2602 ...M04
FLIGHT LINE 20, 2653 ...A05
FLIGHT LINE 20, 2704 ...B05
FLIGHT LINE 20, 2755 ...C05
FLIGHT LINE 20, 2806 ...D05
FLIGHT LINE 20, 2857 ...E05
FLIGHT LINE 20, 2908 ...F05
FLIGHT LINE 20, 2959 ...G05
FLIGHT LINE 20, 3010 ...H05
FLIGHT LINE 20, 3061 ...I05
FLIGHT LINE 20, 3112 ...J05
FLIGHT LINE 20, 3163 ...K05
FLIGHT LINE 20, 3214 ...L05
FLIGHT LINE 20, 3265 ...M05
FLIGHT LINE 20, 3316 ...A06
FLIGHT LINE 20, 3367 ...B06
FLIGHT LINE 20, 3418 ...C06
FLIGHT LINE 20, 3469 ...D06
FLIGHT LINE 20, 3520 ...E06
FLIGHT LINE 20, 3571 ...F06
FLIGHT LINE 40, 1 ...G06
FLIGHT LINE 40, 52 ...H06
FLIGHT LINE 40, 103 ...I06
FLIGHT LINE 40, 154 ...J06
FLIGHT LINE 40, 205 ...K06
FLIGHT LINE 40, 256 ...L06
FLIGHT LINE 40, 307 ...M06
FLIGHT LINE 40, 358 ...A07
FLIGHT LINE 40, 409 ...B07
FLIGHT LINE 40, 460 ...C07
FLIGHT LINE 40, 511 ...D07
FLIGHT LINE 40, 562 ...E07
FLIGHT LINE 40, 613 ...F07
FLIGHT LINE 40, 664 ...G07
FLIGHT LINE 40, 715 ...H07
FLIGHT LINE 40, 766 ...I07
FLIGHT LINE 40, 817 ...J07
FLIGHT LINE 40, 868 ...K07
FLIGHT LINE 40, 919 ...L07
FLIGHT LINE 40, 970 ...M07
FLIGHT LINE 40, 1021 ...A08
FLIGHT LINE 40, 1072 ...B08
FLIGHT LINE 40, 1123 ...C08
FLIGHT LINE 40, 1174 ...D08
FLIGHT LINE 40, 1225 ...E08
FLIGHT LINE 40, 1276 ...F08
FLIGHT LINE 40, 1327 ...G08
FLIGHT LINE 40, 1378 ...H08
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FLIGHT LINE 40, 1480 ...J08
FLIGHT LINE 40, 1531 ...K08
FLIGHT LINE 40, 1582 ...L08
FLIGHT LINE 40, 1633 ...M08
FLIGHT LINE 40, 1684 ...A09
FLIGHT LINE 40, 1735 ...B09
FLIGHT LINE 40, 1786 ...C09
FLIGHT LINE 40, 1837 ...D09
FLIGHT LINE 40, 1888 ...E09
FLIGHT LINE 40, 1939 ...F09
FLIGHT LINE 40, 1990 ...G09
FLIGHT LINE 40, 2041 ...H09
FLIGHT LINE 40, 2092 ...I09
FLIGHT LINE 40, 2143 ...J09
FLIGHT LINE 40, 2194 ...K09
FLIGHT LINE 40, 2245 ...L09
FLIGHT LINE 40, 2296 ...M09
FLIGHT LINE 40, 2347 ...A10
FLIGHT LINE 40, 2398 ...B10
FLIGHT LINE 40, 2449 ...C10
FLIGHT LINE 40, 2500 ...D10
FLIGHT LINE 40, 2551 ...E10
FLIGHT LINE 40, 2602 ...F10
FLIGHT LINE 40, 2653 ...G10
FLIGHT LINE 40, 2704 ...H10
FLIGHT LINE 40, 2755 ...I10
FLIGHT LINE 40, 2806 ...J10
FLIGHT LINE 40, 2857 ...K10
FLIGHT LINE 40, 2908 ...L10
FLIGHT LINE 40, 2959 ...M10
FLIGHT LINE 40, 3010 ...A11
FLIGHT LINE 40, 3061 ...B11
FLIGHT LINE 40, 3112 ...C11
FLIGHT LINE 40, 3163 ...D11
FLIGHT LINE 40, 3214 ...E11
FLIGHT LINE 40, 3265 ...F11
FLIGHT LINE 40, 3316 ...G11
FLIGHT LINE 40, 3367 ...H11
FLIGHT LINE 40, 3418 ...I11
FLIGHT LINE 40, 3469 ...J11
FLIGHT LINE 40, 3520 ...K11
FLIGHT LINE 40, 3571 ...L11
FLIGHT LINE 40, 3622 ...M11
FLIGHT LINE 40, 3673 ...A12
FLIGHT LINE 40, 3724 ...B12
FLIGHT LINE 60, 1 ...C12
FLIGHT LINE 60, 52 ...D12
FLIGHT LINE 60, 103 ...E12
FLIGHT LINE 60, 154 ...F12
FLIGHT LINE 60, 205 ...G12
FLIGHT LINE 60, 256 ...H12
FLIGHT LINE 60, 307 ...I12
FLIGHT LINE 60, 358 ...J12
FLIGHT LINE 60, 409 ...K12
FLIGHT LINE 60, 460 ...L12
FLIGHT LINE 60, 511 ...M12
FLIGHT LINE 60, 562 ...A13
FLIGHT LINE 60, 613 ...B13
FLIGHT LINE 60, 664 ...C13
FLIGHT LINE 60, 715 ...D13
FLIGHT LINE 60, 766 ...E13
FLIGHT LINE 60, 817 ...F13
FLIGHT LINE 60, 868 ...G13
FLIGHT LINE 60, 919 ...H13
FLIGHT LINE 60, 970 ...I13
FLIGHT LINE 60, 1021 ...J13
FLIGHT LINE 60, 1072 ...K13
FLIGHT LINE 60, 1123 ...L13
FLIGHT LINE 60, 1174 ...M13
FLIGHT LINE 60, 1225 ...A14
FLIGHT LINE 60, 1276 ...B14
FLIGHT LINE 60, 1327 ...C14
FLIGHT LINE 60, 1378 ...D14
FLIGHT LINE 60, 1429 ...E14
FLIGHT LINE 60, 1480 ...F14
FLIGHT LINE 60, 1531 ...G14
FLIGHT LINE 60, 1582 ...H14
FLIGHT LINE 60, 1633 ...I14
FLIGHT LINE 60, 1684 ...J14
FLIGHT LINE 60, 1735 ...K14
FLIGHT LINE 60, 1786 ...L14
FLIGHT LINE 60, 1837 ...M14
FLIGHT LINE 60, 1888 ...A15
FLIGHT LINE 60, 1939 ...B15
FLIGHT LINE 60, 1990 ...C15
FLIGHT LINE 60, 2041 ...D15
FLIGHT LINE 60, 2092 ...E15
FLIGHT LINE 60, 2143 ...F15
FLIGHT LINE 60, 2194 ...G15
FLIGHT LINE 60, 2245 ...H15
FLIGHT LINE 60, 2296 ...I15
FLIGHT LINE 60, 2347 ...J15
FLIGHT LINE 60, 2398 ...K15
FLIGHT LINE 60, 2449 ...L15
FLIGHT LINE 60, 2500 ...M15
FLIGHT LINE 60, 2551 ...A16
FLIGHT LINE 60, 2602 ...B16
FLIGHT LINE 60, 2653 ...C16
FLIGHT LINE 60, 2704 ...D16
FLIGHT LINE 60, 2755 ...E16
FLIGHT LINE 60, 2806 ...F16
FLIGHT LINE 60, 2857 ...G16
FLIGHT LINE 60, 2908 ...H16
FLIGHT LINE 60, 2959 ...I16
FLIGHT LINE 60, 3010 ...J16
FLIGHT LINE 60, 3061 ...K16
FLIGHT LINE 60, 3112 ...L16

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-474	37.8004	81.8106	PPK	1.3	1.7	7.5	1.31	0.23	5.74	1720.	52.	3.
3164	0000	-471	37.8002	81.8111	PPK	1.3	1.6	7.5	1.22	0.21	5.70	1731.	51.	3.
3165	0000	-470	37.8002	81.8114	PPK	1.3	1.8	7.3	1.37	0.24	5.55	1712.	51.	3.
3166	0000	-472	37.8001	81.8119	PPK	1.3	1.7	7.6 +	1.36	0.23	6.03	1674.	51.	2.
3167	0000	-471	37.8000	81.8123	PPK	1.2	1.6	7.1	1.32	0.23	5.73	1580.	54.	2.
3168	0000	-469	37.7999	81.8127	PPK	1.2	1.3	6.9	1.13	0.19	5.83	1503.	52.	2.
3169	0000	-470	37.7997	81.8130	PPK	1.1	1.3	6.4	1.19	0.21	5.79	1429.	50.	2.
3170	0000	-472	37.7997	81.8135	PPK	1.1	1.3	5.7	1.26	0.23	5.43	1376.	52.	3.
3171	0000	-471	37.7995	81.8139	PPK	1.1	1.2	5.6	1.12	0.22	5.16	1359.	51.	3.
3172	0000	-468	37.7994	81.8143	PPK	1.1	1.5	5.5	1.35	0.27	4.97	1380.	51.	3.
3173	0000	-466	37.7993	81.8147	PPK	1.1	1.3	6.1	1.10	0.21	5.34	1439.	48.	3.
3174	0000	-465	37.7992	81.8152	PPK	1.2	1.5	6.8	1.26	0.22	5.77	1555.	45.	3.
3175	0000	-465	37.7991	81.8155	PPK	1.3	1.5	7.7 +	1.19	0.20	6.04	1677.	45.	4.
3176	0000	-467	37.7990	81.8160	PPK	1.4	1.9	8.7 +	1.37	0.22	6.37 +	1820.	46.	4.
3177	0000	-467	37.7989	81.8164	PPK	1.5 +	2.0	9.4 ++	1.37	0.21	6.42 +	1926.	45.	4.
3178	0000	-465	37.7988	81.8168	PPK	1.5 +	2.0	9.9 ++	1.34	0.21	6.50 +	1989.	47.	5.
3179	0000	-465	37.7987	81.8172	PPK	1.5 +	1.8	10.0 ++	1.15	0.18 -	6.55 +	2011.	48.	6.
3180	0000	-468	37.7986	81.8177	PPK	1.6 +	1.8	9.7 ++	1.15	0.19	6.03	2006.	46.	6.
3181	0000	-472	37.7985	81.8180	PPK	1.6 +	1.7	9.4 ++	1.03	0.18 -	5.84	1960.	50.	7.
3182	0000	-474	37.7984	81.8184	PPK	1.6 +	1.7	8.8 +	1.06	0.19	5.55	1921.	48.	6.
3183	0000	-474	37.7982	81.8188	PPK	1.6 +	1.6	7.9 +	0.99 -	0.20	5.05	1850.	49.	6.
3184	0000	-479	37.7981	81.8193	PPK	1.5 +	1.5	7.7 +	0.99 -	0.20	5.03	1806.	49.	6.
3185	0000	-482	37.7981	81.8197	PPK	1.4 +	1.7	7.5	1.20	0.23	5.24	1776.	49.	5.
3186	0000	-483	37.7980	81.8201	PPK	1.4	1.9	7.4	1.34	0.25	5.24	1769.	48.	4.
3187	0000	-488	37.7978	81.8205	PPK	1.3	2.0	7.3	1.51	0.28	5.46	1752.	50.	3.
3188	0000	-494	37.7977	81.8209	PPK	1.3	2.1	7.3	1.63	0.29	5.59	1735.	47.	3.
3189	0000	-494	37.7976	81.8213	PPK	1.2	2.1	7.7 +	1.75	0.28	6.30 +	1686.	48.	3.
3190	0000	-490	37.7975	81.8217	PPK	1.2	1.9	7.6 +	1.58	0.25	6.45 +	1640.	48.	3.
3191	0000	-487	37.7974	81.8222	PPK	1.1	1.9	7.3	1.68	0.26	6.39 +	1609.	49.	3.
3192	0000	-482	37.7973	81.8225	PPK	1.2	1.8	6.9	1.53	0.26	5.95	1560.	48.	4.
3193	0000	-477	37.7972	81.8230	PPK	1.1	1.7	6.8	1.48	0.25	5.94	1511.	47.	3.
3194	0000	-469	37.7971	81.8234	PPK	1.2	1.5	6.7	1.32	0.23	5.84	1480.	47.	4.
3195	0000	-464	37.7970	81.8238	PPK	1.1	1.7	5.5	1.50	0.27	5.62	1463.	49.	4.
3196	0000	-469	37.7969	81.8242	PPK	1.2	1.8	5.8	1.49	0.30	4.92	1464.	51.	3.
3197	0000	-474	37.7968	81.8247	PPK	1.2	1.9	6.1	1.58	0.31	5.13	1465.	52.	2.
3198	0000	-475	37.7967	81.8251	PPA-1	1.2 +	1.9 +	6.2 +	1.62	0.31	5.17	1460.	51.	1.
3199	0000	-480	37.7965	81.8254	PPA-1	1.2 +	1.9 +	6.5 +	1.66	0.30	5.61	1473.	52.	1.
3200	0000	-481	37.7965	81.8259	PPA-1	1.2 +	1.9 +	6.7 +	1.62	0.28	5.75	1478.	55.	2.
3201	0000	-478	37.7964	81.8263	PPA-1	1.1 +	2.0 +	6.6 +	1.80	0.31	5.91	1488.	55.	2.
3202	0000	-478	37.7962	81.8267	PPA-2	1.1 --	1.8	7.0 -	1.65	0.26	6.42 +	1498.	54.	3.
3203	0000	-477	37.7961	81.8271	PPA-2	1.1 -	1.8	7.2 -	1.60	0.25	6.37 +	1523.	52.	4.
3204	0000	-476	37.7960	81.8275	PPA-2	1.2 -	1.8	7.4 -	1.54	0.25	6.17 +	1566.	49.	5.
3205	0000	-477	37.7960	81.8279	PPA-2	1.2 -	1.8	7.8	1.44	0.23	6.32 +	1614.	49.	6.
3206	0000	-475	37.7958	81.8283	PPA-2	1.4	1.8	7.8	1.35	0.24	5.73	1671.	49.	6.
3207	0000	-475	37.7957	81.8287	PPA-2	1.4	2.1	7.5	1.52	0.28	5.45	1707.	48.	6.
3208	0000	-478	37.7956	81.8292	PPA-2	1.4	2.3	7.7	1.68	0.30	5.61	1718.	49.	5.
3209	0000	-477	37.7955	81.8296	PPK	1.4	2.3 +	7.5	1.62	0.30	5.35	1703.	47.	4.
3210	0000	-478	37.7955	81.8300	PPK	1.3	2.2 +	7.2	1.68	0.31	5.36	1653.	48.	3.
3211	0000	-480	37.7956	81.8305	PPK	1.2	2.2	6.8	1.75	0.32	5.47	1579.	49.	2.
3212	0000	-480	37.7956	81.8310	PPK	1.1	1.9	6.2	1.70	0.31	5.41	1484.	50.	1.
3213	0000	-480	37.7957	81.8314	PPK	1.0	1.8	5.8	1.85	0.31	5.91	1387.	47.	1.

CP9 1P 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-482	37.7957	81.8319	PPK	0.9	1.6	5.7	1.74	0.28	6.13	1318.	47.	0.
3215	0000	-482	37.7958	81.8324	PPK	0.9	1.5	5.1	1.69	0.29	5.76	1268.	47.	1.
3216	0000	-482	37.7959	81.8329	PPK	0.9	1.6	5.1	1.84	0.31	5.97	1255.	46.	1.
3217	0000	-482	37.7959	81.8333	PPK	0.8 -	1.6	5.2	1.98 +	0.31	6.37 +	1250.	46.	1.
3218	0000	-484	37.7960	81.8338	PPK	0.8 -	1.7	5.3	2.16 +	0.32	6.75 +	1258.	47.	1.
3219	0000	-486	37.7950	81.8343	PPK	0.8 -	1.8	5.4	2.24 +	0.33	6.70 +	1268.	47.	1.
3220	0000	-484	37.7960	81.8348	PPK	0.8 -	1.9	5.4	2.30 +	0.35 +	6.50 +	1294.	47.	1.
3221	0000	-482	37.7961	81.8352	PPK	0.8 -	1.8	5.3	2.15 +	0.34	6.34 +	1316.	46.	2.
3222	0000	-483	37.7961	81.8357	PPK	0.9	1.8	5.4	2.06 +	0.33	6.22 +	1336.	45.	2.
3223	0000	-484	37.7962	81.8361	PPK	0.8	1.8	5.6	2.12 +	0.32	6.58 +	1340.	46.	3.
3224	0000	-483	37.7962	81.8366	PPK	0.9	1.7	5.6	1.87	0.30	6.18	1364.	46.	3.
3225	0000	-484	37.7963	81.8371	PPK	0.9	1.8	5.5	1.95 +	0.34	5.80	1394.	46.	3.
3226	0000	-486	37.7963	81.8376	PPK	1.0	2.0	5.4	2.01 +	0.36 +	5.59	1427.	47.	4.
3227	0000	-485	37.7964	81.8380	PPK	0.9	1.9	5.5	2.09 +	0.35	5.98	1414.	49.	4.
3228	0000	-483	37.7964	81.8385	PPK	0.9	2.0	5.8	2.11 +	0.34	6.23 +	1409.	50.	4.
3229	0000	-484	37.7965	81.8390	PPK	0.9	1.6	5.9	1.73	0.28	6.30 +	1387.	51.	5.
3230	0000	-487	37.7966	81.8395	PPK	0.9	1.5	5.7	1.61	0.26	6.12	1361.	53.	5.
3231	0000	-489	37.7966	81.8399	PPK	0.9	1.5	5.3	1.70	0.28	6.01	1316.	52.	6.
3232	0000	-490	37.7966	81.8404	PPK	0.9	1.3	5.4	1.45	0.24	6.01	1270.	52.	7.
3233	0000	-491	37.7967	81.8408	PPK	0.8 -	1.2	5.3	1.47	0.22	6.66 +	1211.	50.	7.
3234	0000	-491	37.7967	81.8414	PPK	0.8 -	0.9 -	5.1	1.19	0.18 -	6.50 +	1167.	50.	8.
3235	0000	-492	37.7968	81.8418	PPK	0.7 -	0.8 -	4.6 -	1.06	0.17 -	6.15	1111.	50.	9.
3236	0000	-492	37.7968	81.8423	PPK	0.7 -	0.8 -	4.4 -	1.15	0.18 -	6.29 +	1057.	51.	9.
3237	0000	-493	37.7969	81.8427	PPK	0.7 -	0.8 -	4.4 -	1.21	0.19 -	6.55 +	1011.	49.	9.
3238	0000	-494	37.7969	81.8432	PPK	0.6 --	0.7 --	4.5 -	1.14	0.16 -	6.91 +	977.	51.	8.
3239	0000	-495	37.7970	81.8437	PPK	0.6 --	0.7 --	4.1 -	1.21	0.17 -	7.16 +	911.	52.	7.
3240	0000	-497	37.7970	81.8442	PPK	0.6 --	0.4 ---	4.0 -	0.72 -	0.11 -	6.46 +	872.	53.	7.
3241	0000	-500	37.7971	81.8446	PPK	0.6 --	0.4 ---	3.8 -	0.60 --	0.10 --	6.09	840.	52.	7.
3242	0000	-499	37.7971	81.8451	PPK	0.6 --	0.4 ---	4.2 -	0.72 -	0.10 --	6.97 +	824.	49.	5.
3243	0000	-498	37.7971	81.8456	PPK	0.6 --	0.6 --	4.3 -	1.08	0.15 -	7.39 ++	828.	49.	4.
3244	0000	-499	37.7972	81.8461	PPK	0.6 --	0.7 --	4.0 -	1.14	0.17 -	6.81 +	845.	50.	4.
3245	0000	-502	37.7972	81.8465	PPK	0.6 --	0.6 --	4.1 -	1.02	0.15 -	6.75 +	881.	50.	4.
3246	0000	-502	37.7973	81.8470	PPK	0.7 -	0.7 --	4.2 -	1.12	0.17 -	6.42 +	938.	50.	5.
3247	0000	-500	37.7973	81.8474	PPK	0.7 -	0.9 -	4.6 -	1.40	0.20	6.93 +	1015.	50.	4.
3248	0000	-501	37.7974	81.8479	PPK	0.7 -	1.2	4.6 -	1.72	0.25	6.80 +	1089.	52.	5.
3249	0000	-502	37.7975	81.8484	PPK	0.8 -	1.1 -	5.0	1.29	0.21	6.07	1205.	54.	6.
3250	0000	-502	37.7975	81.8489	PPK	0.9	0.8 -	5.5	0.84 -	0.14 -	6.11	1304.	55.	7.
3251	0000	-501	37.7976	81.8493	PPK	0.9	1.0 -	6.3	1.11	0.17 -	6.60 +	1373.	53.	8.
3252	0000	-503	37.7976	81.8498	PPK	0.9	1.1	6.3	1.19	0.18 -	6.71 +	1383.	54.	8.
3253	0000	-504	37.7976	81.8503	PPK	1.0	0.8 -	6.6	0.82 -	0.13 -	6.53 +	1401.	54.	8.
3254	0000	-503	37.7977	81.8508	PPA-1	1.0	1.0	6.1 +	1.00 -	0.17 -	6.05	1391.	56.	9.
3255	0000	-507	37.7977	81.8512	PPA-1	1.0	1.0	6.1 +	0.99 -	0.16 -	6.30	1355.	54.	9.
3256	0000	-509	37.7978	81.8517	PPA-1	0.9	1.0	5.6	1.20	0.19 -	6.49	1274.	53.	9.
3257	0000	-505	37.7979	81.8521	PPA-1	0.8	1.5	4.8	1.87	0.30	6.19	1201.	51.	9.
3258	0000	-507	37.7979	81.8527	PPA-1	0.8	1.1	4.6	1.43	0.23	5.77	1157.	54.	9.
3259	0000	-511	37.7980	81.8531	PPA-1	0.8	1.1	4.8	1.43	0.24	6.03	1166.	52.	9.
3260	0000	-512	37.7980	81.8536	PPA-1	0.7	1.3	4.6	1.72	0.28	6.23	1160.	51.	10.
3261	0000	-514	37.7980	81.8540	PPA-1	0.7	1.1	5.8	1.41	0.22	6.48	1177.	49.	10.
3262	0000	-512	37.7981	81.8545	PPA-1	0.9	0.9 -	5.3	1.05 -	0.17 -	6.18	1230.	50.	10.
3263	0000	-512	37.7982	81.8550	PPK	0.9	1.2	5.6	1.36	0.21	6.43 +	1277.	52.	10.
3264	0000	-516	37.7982	81.8554	PPK	1.0	1.0 -	6.1	1.07	0.17 -	6.34 +	1323.	51.	10.

CP9 1P12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
							VALUES AND STATISTICAL SIGNIFICANCES								
3265	0000	-515	37.7982	81.8559		PPK	1.0	1.0 -	6.0	1.06	0.17 -	6.07	1331.	49.	10.
3266	0000	-513	37.7983	81.8564		PPK	1.0	1.0 -	5.9	1.03	0.17 -	6.02	1314.	49.	9.
3267	0000	-516	37.7983	81.8568		PPK	1.0	1.1 -	6.0	1.08	0.18 -	6.17	1292.	48.	8.
3268	0000	-517	37.7984	81.8573		PPK	1.0	1.0 -	5.7	1.05	0.18 -	5.89	1235.	49.	8.
3269	0000	-517	37.7984	81.8578		PPK	0.9	1.0 -	5.4	1.18	0.19	6.13	1181.	48.	8.
3270	0000	-521	37.7985	81.8582		PPK	0.9	0.7 --	5.3	0.87 -	0.14 -	6.16	1140.	48.	8.
3271	0000	-523	37.7986	81.8587		PPK	0.8 -	0.6 --	4.9	0.76 -	0.13 -	5.98	1087.	47.	8.
3272	0000	-523	37.7986	81.8592		PPK	0.8 -	0.6 --	4.9	0.75 -	0.12 -	6.44 +	1044.	49.	7.
3273	0000	-526	37.7987	81.8597		PPK	0.7 -	0.6 --	4.5 -	0.90 -	0.14 -	6.23 +	1006.	51.	7.
3274	0000	-528	37.7987	81.8601		PPK	0.7 -	0.8 -	4.3 -	1.16	0.20	5.96	990.	53.	6.
3275	0000	-530	37.7987	81.8606		PPK	0.7 -	0.9 -	4.6 -	1.28	0.20	6.44 +	1000.	51.	5.
3276	0000	-533	37.7988	81.8611		PPK	0.7 -	1.1	4.8	1.58	0.23	6.86 +	993.	50.	3.
3277	0000	-533	37.7988	81.8616		PPK	0.7 -	1.1	4.7	1.62	0.23	6.90 +	971.	49.	3.
3278	0000	-535	37.7989	81.8620		PPA-1	0.7	1.3	5.0	1.91	0.25	7.63 +	962.	51.	1.
3279	0000	-537	37.7989	81.8625		PPA-1	0.6 -	1.3	4.6	2.18 +	0.29	7.60 +	954.	49.	1.
3280	0000	-536	37.7990	81.8630		PPA-1	0.6	1.4	4.5	2.14	0.30	7.03 +	966.	48.	0.
3281	0000	-537	37.7990	81.8634		PPA-1	0.6 -	1.3	4.9	2.09	0.26	7.95 ++	981.	48.	0.
3282	0000	-540	37.7991	81.8639		PPA-1	0.6 -	1.4	5.0	2.25 +	0.28	8.14 ++	991.	50.	0.
3283	0000	-541	37.7991	81.8644		PPA-1	0.6	1.5	4.9	2.43 +	0.31	7.75 ++	1012.	52.	0.
3284	0000	-541	37.7992	81.8648		PPA-1	0.6	1.8 +	5.1	2.84 +	0.35	8.04 ++	1053.	51.	0.
3285	0000	-543	37.7992	81.8654		PPA-1	0.6	2.0 +	4.9	3.14 ++	0.40 +	7.86 ++	1076.	51.	1.
3286	0000	-544	37.7992	81.8658		PPA-1	0.7	1.9 +	5.3	2.77 +	0.36	7.67 +	1096.	51.	2.
3287	0000	-545	37.7993	81.8663		PPA-1	0.6	1.7	5.2	2.74 +	0.33	8.21 ++	1076.	51.	3.
3288	0000	-547	37.7993	81.8667		PPA-1	0.6 -	1.7	4.8	2.89 +	0.37 +	7.90 ++	1046.	51.	3.
3289	0000	-547	37.7994	81.8672		PPA-1	0.6 -	1.5	4.7	2.51 +	0.32	7.93 ++	1010.	51.	5.
3290	0000	-549	37.7994	81.8677		PPA-1	0.6 -	1.3	4.4	2.16	0.28	7.63 +	969.	50.	6.
3291	0000	-550	37.7995	81.8681		PPA-1	0.5 -	1.0	3.7 -	1.79	0.26	6.80 +	909.	52.	7.
3292	0000	-551	37.7995	81.8686		PPA-1	0.5 -	0.8 -	3.7 -	1.43	0.21	6.82 +	880.	52.	8.
3293	0000	-554	37.7996	81.8691		PPA-1	0.5 -	0.7 -	3.7 -	1.49	0.20	7.45 +	858.	53.	8.
3294	0000	-556	37.7997	81.8696		PPA-1	0.5 --	1.0	3.5 -	2.15	0.29	7.35 +	849.	52.	8.
3295	0000	-556	37.7997	81.8700		PPK	0.5 ---	0.9 -	3.6 -	1.97 +	0.27	7.44 ++	841.	51.	9.
3296	0000	-556	37.7998	81.8705		PPK	0.5 ---	1.0 -	3.5 -	2.12 +	0.30	7.13 +	847.	50.	8.
3297	0000	-558	37.7998	81.8710		PPK	0.5 ---	1.1	3.6 -	2.28 +	0.32	7.06 +	842.	50.	8.
3298	0000	-559	37.7998	81.8714		PPK	0.5 ---	1.1	3.5 -	2.37 +	0.33	7.27 ++	842.	49.	6.
3299	0000	-561	37.7999	81.8719		PPK	0.5 ---	1.2	3.6 -	2.43 +	0.33	7.39 ++	840.	49.	5.
3300	0000	-564	37.7999	81.8724		PPK	0.5 --	1.2	3.3 -	2.41 +	0.37 +	6.46 +	848.	51.	4.
3301	0000	-565	37.8000	81.8729		PPK	0.5 --	1.1 -	3.4 -	1.94 +	0.31	6.29 +	857.	53.	4.
3302	0000	-566	37.8000	81.8733		PPK	0.6 --	1.1	3.5 -	1.98 +	0.33	6.03	880.	56.	2.
3303	0000	-566	37.8001	81.8738		PPK	0.6 --	1.3	3.5 -	2.14 +	0.36 +	5.97	897.	58.	1.
3304	0000	-566	37.8002	81.8743		PPK	0.7 -	1.4	3.7 -	2.08 +	0.37 +	5.64	940.	59.	0.
3305	0000	-566	37.8002	81.8747		PPK	0.7 -	1.4	3.9 -	1.95 +	0.35 +	5.50	1000.	58.	1.
3306	0000	-566	37.8002	81.8752		PPK	0.7 -	1.3	3.8 -	1.79	0.34	5.21	1037.	56.	2.
3307	0000	-567	37.8003	81.8757		PPK	0.8 -	1.5	4.0 -	1.97 +	0.37 +	5.36	1060.	53.	2.
3308	0000	-569	37.8003	81.8761		PPK	0.8 -	1.4	4.2 -	1.82	0.33	5.46	1069.	51.	2.
3309	0000	-568	37.8004	81.8767		PPK	0.8 -	1.2	3.8 -	1.57	0.32	4.85	1055.	51.	2.
3310	0000	-570	37.8004	81.8771		PPK	0.8 -	1.1	3.9 -	1.43	0.29	5.02	1030.	50.	3.
3311	0000	-574	37.8005	81.8776		PPK	0.7 -	1.1	3.9 -	1.54	0.28	5.51	1005.	48.	4.
3312	0000	-574	37.8005	81.8780		PPK	0.7 -	0.9 -	3.7 -	1.25	0.24	5.24	954.	49.	4.
3313	0000	-574	37.8006	81.8785		PPK	0.7 -	1.0 -	3.6 -	1.47	0.28	5.25	921.	50.	3.
3314	0000	-578	37.8006	81.8790		PPK	0.7 -	0.7 --	3.6 -	1.14	0.21	5.50	899.	52.	4.
3315	0000	-579	37.8007	81.8794		PPK	0.6 --	0.8 -	3.5 -	1.24	0.23	5.48	915.	54.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-579	37.8007	81.8799	PPK	0.6 --	0.8 -	3.9 -	1.21	0.20	6.22 +	935.	52.	6.
3317	0000	-583	37.8008	81.8804	PPK	0.6 --	0.9 -	3.6 -	1.47	0.26	5.72	950.	53.	6.
3318	0000	-584	37.8009	81.8808	PPK	0.6 --	0.8 -	3.9 -	1.27	0.21	6.08	967.	54.	6.
3319	0000	-584	37.8008	81.8813	PPK	0.6 --	1.1	3.9 -	1.81	0.29	6.30 +	988.	52.	5.
3320	0000	-588	37.8009	81.8818	PPK	0.6 --	1.2	3.9 -	1.81	0.30	5.99	1009.	53.	5.
3321	0000	-588	37.8010	81.8822	PPK	0.7 -	1.4	3.6 -	2.06 +	0.38 +	5.42	1028.	54.	5.
3322	0000	-586	37.8010	81.8827	PPK	0.7 -	1.3	3.9 -	1.78	0.34	5.22	1039.	52.	4.
3323	0000	-590	37.8011	81.8832	PPK	0.8 -	1.7	3.8 -	2.11 +	0.43 ++	4.87	1073.	52.	4.
3324	0000	-594	37.8011	81.8837	PPK	0.8 -	1.6	4.2 -	1.90	0.37 +	5.12	1118.	52.	4.
3325	0000	-596	37.8012	81.8841	PPA-1	0.9	1.6	4.4	1.76	0.36	4.93 -	1168.	52.	5.
3326	0000	-597	37.8012	81.8846	PPA-1	0.9	1.6	4.5	1.71	0.34	4.99 -	1227.	54.	6.
3327	0000	-599	37.8013	81.8850	PPA-1	1.0	1.3	4.9	1.26	0.27	4.66 -	1319.	51.	8.
3328	0000	-601	37.8013	81.8856	PPA-1	1.2 +	1.6	6.1 +	1.39	0.26	5.26	1432.	48.	9.
3329	0000	-603	37.8014	81.8860	PPA-1	1.1 +	1.7	6.3 +	1.55	0.28	5.63	1490.	48.	10.
3330	0000	-604	37.8014	81.8865	PPA-1	1.2 +	1.5	6.7 +	1.25	0.22	5.76	1534.	48.	12.
3331	0000	-606	37.8014	81.8869	PPA-2	1.2 -	1.7 -	7.3 -	1.36	0.23	5.98	1620.	47.	13.
3332	0000	-607	37.8015	81.8874	PPA-2	1.2 -	1.9	7.7	1.58	0.25	6.27 +	1689.	46.	12.
3333	0000	-607	37.8015	81.8879	PPA-2	1.3	2.0	7.8	1.50	0.25	5.95	1741.	46.	12.
3334	0000	-608	37.8016	81.8884	PPA-2	1.2 -	2.1	8.0	1.71	0.26	6.51 +	1745.	48.	11.
3335	0000	-611	37.8016	81.8888	PPA-2	1.2 -	1.8	7.5	1.47	0.24	6.08	1744.	49.	11.
3336	0000	-613	37.8017	81.8893	PPA-2	1.3	1.7 -	7.7	1.27	0.22	5.75	1772.	50.	10.
3337	0000	-617	37.8018	81.8898	PPA-2	1.4	1.6 -	8.2	1.20	0.20 -	6.03	1797.	49.	9.
3338	0000	-622	37.8018	81.8903	PPA-2	1.4	1.6 -	8.0	1.16 -	0.20 -	5.92	1785.	47.	9.
3339	0000	-624	37.8019	81.8907	PPA-2	1.5	1.6 -	8.1	1.09 -	0.20 -	5.55	1797.	46.	9.
3340	0000	-626	37.8019	81.8912	PPA-2	1.4	1.4 --	8.7	0.96 -	0.16 --	6.10 +	1779.	46.	8.
3341	0000	-629	37.8019	81.8916	PPA-2	1.5	1.4 --	9.2 +	0.91	0.15 --	6.13 +	1810.	45.	8.
3342	0000	-631	37.8020	81.8921	PPA-2	1.6	1.4 -	9.1 +	0.91 -	0.16 --	5.78	1854.	47.	9.
3343	0000	-634	37.8020	81.8926	PPA-2	1.5	2.0	9.1 +	1.28	0.22	5.94	1927.	44.	9.
3344	0000	-638	37.8021	81.8931	PPA-2	1.5	2.3	8.6	1.54	0.27	5.80	1930.	46.	8.
3345	0000	-639	37.8021	81.8936	PPA-2	1.5	2.3	8.2	1.53	0.28	5.44	1905.	48.	8.
3346	0000	-641	37.8022	81.8940	PPA-2	1.4	2.2	7.3 -	1.54	0.30	5.19	1845.	49.	8.
3347	0000	-644	37.8022	81.8945	PPK	1.4	2.5 +	8	1.83	0.37 +	4.98	1827.	49.	7.
3348	0000	-647	37.8023	81.8950	PPK	1.3	2.6 +	6.3	2.00 +	0.41 +	4.91	1758.	51.	7.
3349	0000	-649	37.8024	81.8954	PPK	1.2	2.5 +	6.0	2.10 +	0.42 +	4.98	1667.	50.	6.
3350	0000	-654	37.8024	81.8959	PPK	1.2	2.2 +	5.6	1.84	0.39 +	4.66 -	1571.	53.	7.
3351	0000	-658	37.8025	81.8963	PPK	1.2	2.1	5.4	1.73	0.38 +	4.53 -	1524.	50.	8.
3352	0000	-660	37.8025	81.8969	PPK	1.2	2.0	5.5	1.74	0.37 +	4.73	1502.	49.	8.
3353	0000	-660	37.8025	81.8973	PPK	1.2	1.9	5.8	1.62	0.32	4.98	1474.	49.	9.
3354	0000	-662	37.8026	81.8978	PPK	1.2	1.7	5.4	1.40	0.31	4.53 -	1456.	49.	10.
3355	0000	-665	37.8026	81.8982	PPK	1.2	1.8	5.1	1.47	0.35	4.27 -	1440.	47.	11.
3356	0000	-670	37.8027	81.8987	PPK	1.1	1.7	5.3	1.50	0.33	4.59 -	1405.	45.	10.
3357	0000	-672	37.8027	81.8992	PPK	1.1	1.5	5.2	1.41	0.30	4.75	1360.	44.	10.
3358	0000	-673	37.8028	81.8997	PPK	1.1	1.6	5.4	1.47	0.29	5.17	1347.	44.	9.
3359	0000	-676	37.8028	81.9001	PPK	1.0	1.5	5.2	1.49	0.29	5.13	1326.	44.	8.
3360	0000	-680	37.8029	81.9007	PPK	1.0	1.6	5.2	1.64	0.31	5.25	1317.	45.	6.
3361	0000	-683	37.8029	81.9011	PPK	1.0	1.8	5.3	1.79	0.33	5.38	1303.	45.	5.
3362	0000	-686	37.8030	81.9016	PPK	1.0	1.8	5.3	1.81	0.33	5.41	1301.	47.	4.
3363	0000	-690	37.8030	81.9020	PPK	1.0	1.8	5.6	1.73	0.32	5.34	1343.	46.	2.
3364	0000	-691	37.8031	81.9025	PPK	1.1	2.1	5.8	1.94 +	0.36 +	5.37	1416.	46.	1.
3365	0000	-693	37.8031	81.9029	PPK	1.2	2.1	6.5	1.80	0.33	5.46	1495.	49.	0.
3366	0000	-698	37.8032	81.9034	PPK	1.3	2.5 +	6.8	1.93 +	0.36 +	5.29	1564.	52.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-700	37.8032	81.9039		PPK	1.3	2.6 +	6.9	1.98 +	0.39 +	5.13	1607.	51.	0.
3368	0000	-700	37.8032	81.9044		PPK	1.3	2.5 +	7.1	1.89	0.36 +	5.30	1641.	50.	1.
3369	0000	-703	37.8033	81.9048		PPK	1.3	2.5 +	7.1	1.85	0.35	5.30	1658.	49.	1.
3370	0000	-708	37.8034	81.9053		PPK	1.3	2.6 +	7.3	1.97 +	0.36 +	5.43	1685.	49.	1.
3371	0000	-709	37.8034	81.9058		PPK	1.4	2.5 +	7.3	1.82	0.34	5.42	1697.	48.	2.
3372	0000	-708	37.8035	81.9063		PPK	1.4	2.7 +	6.8	2.01 +	0.40 +	5.00	1728.	45.	2.
3373	0000	-707	37.8035	81.9067		PPK	1.5 +	2.7 +	7.5	1.79	0.36 +	5.01	1817.	43.	2.
3374	0000	-704	37.8035	81.9072		PPK	1.6 +	2.4 +	7.8 +	1.47	0.31	4.76	1957.	44.	2.
3375	0000	-699	37.8036	81.9077		PPK	1.9 +	2.7 +	8.8 +	1.48	0.31	4.74	2134.	45.	2.
3376	0000	-697	37.8036	81.9081		PPK	2.0 ++	2.9 +	9.9 ++	1.45	0.30	4.89	2300.	46.	2.
3377	0000	-702	37.8037	81.9086		PPK	2.1 ++	3.0 +	10.2 ++	1.40	0.29	4.78	2387.	46.	3.
3378	0000	-709	37.8037	81.9090		PPK	2.1 ++	3.1 +	10.4 ++	1.45	0.30	4.90	2398.	48.	3.
3379	0000	-715	37.8038	81.9095		PPK	2.1 ++	2.7 +	10.3 ++	1.29	0.26	4.91	2337.	50.	4.
3380	0000	-721	37.8038	81.9100		PPK	2.0 ++	2.4 +	9.4 ++	1.22	0.25	4.83	2208.	50.	4.
3381	0000	-730	37.8039	81.9105		PPK	1.8 +	2.3 +	9.3 ++	1.29	0.24	5.28	2025.	47.	4.
3382	0000	-733	37.8039	81.9109		PPK	1.5 +	1.9	8.0 +	1.25	0.24	5.31	1788.	49.	4.
3383	0000	-733	37.8040	81.9114		PPK	1.3	1.5	6.8	1.18	0.22	5.28	1566.	48.	4.
3384	0000	-737	37.8040	81.9118		PPK	1.1	1.2	6.0	1.13	0.21	5.49	1371.	48.	4.
3385	0000	-737	37.8040	81.9124		PPK	1.0	1.1	4.9	1.10	0.22	4.97	1227.	48.	5.
3386	0000	-737	37.8041	81.9128		PPK	0.9	1.0 -	4.5 -	1.15	0.22	5.13	1111.	48.	5.
3387	0000	-741	37.8042	81.9133		PPK	0.8 -	1.0 -	4.3 -	1.26	0.22	5.64	1013.	47.	5.
3388	0000	-745	37.8042	81.9138		PPK	0.7 -	1.0 -	3.8 -	1.51	0.31	4.95	948.	49.	7.
3389	0000	-744	37.8043	81.9142		PPK	0.6 --	0.9 -	3.4 -	1.40	0.25	5.57	901.	48.	8.
3390	0000	-746	37.8043	81.9147		PPK	0.6 --	0.9 -	3.2 --	1.64	0.29	5.72	869.	50.	10.
3391	0000	-748	37.8044	81.9152		PPK	0.5 --	0.6 --	3.1 --	1.15	0.20	5.63	856.	52.	11.
3392	0000	-750	37.8044	81.9156		PPK	0.5 --	0.6 --	3.4 -	1.06	0.17 -	6.35 +	852.	54.	12.
3393	0000	-750	37.8045	81.9161		PPK	0.5 --	0.6 --	3.4 -	1.13	0.17 -	6.47 +	856.	51.	12.
3394	0000	-749	37.8046	81.9165		PPK	0.6 --	0.7 --	3.4 -	1.17	0.20	5.98	873.	52.	12.
3395	0000	-749	37.8046	81.9171		PPK	0.6 --	0.6 --	3.7 -	0.93 -	0.15 -	6.23 +	895.	52.	12.
3396	0000	-749	37.8046	81.9175		PPK	0.6 -	0.6 --	3.7 -	0.98 -	0.17 -	5.63	924.	54.	11.
3397	0000	-751	37.8047	81.9180		PPK	0.7 -	0.6 --	3.8 -	0.89 -	0.16 -	5.49	959.	52.	10.
3398	0000	-754	37.8047	81.9185		PPK	0.7 -	0.8 -	3.9 -	1.19	0.22	5.44	990.	49.	9.
3399	0000	-756	37.8048	81.9190		PPK	0.8 -	0.8 -	4.2 -	0.93 -	0.18 -	5.06	1037.	46.	8.
3400	0000	-758	37.8048	81.9194		PPK	0.9	0.9 -	4.1 -	1.09	0.23	4.68 -	1075.	47.	7.
3401	0000	-760	37.8049	81.9199		PPK	0.9	1.2	3.9 -	1.36	0.29	4.64 -	1104.	48.	6.
3402	0000	-760	37.8049	81.9203		PPK	0.9	1.2	4.1 -	1.38	0.30	4.65 -	1116.	49.	5.
3403	0000	-763	37.8050	81.9209		PPK	0.9	1.2	3.9 -	1.33	0.29	4.52 -	1142.	48.	6.
3404	0000	-766	37.8050	81.9213		PPK	0.9	1.2	4.1 -	1.28	0.29	4.47 -	1159.	47.	6.
3405	0000	-765	37.8051	81.9218		PPK	1.0	1.1	3.9 -	1.16	0.29	4.02 --	1171.	48.	7.
3406	0000	-766	37.8051	81.9222		PPK	0.9	1.4	3.7 -	1.51	0.36 +	4.18 -	1190.	49.	7.
3407	0000	-767	37.8051	81.9227		PPK	0.9	1.0 -	4.4 -	1.10	0.23	4.75	1232.	49.	8.
3408	0000	-768	37.8052	81.9232		PPK	1.0	0.9 -	5.0	0.89 -	0.17 -	5.24	1294.	47.	9.
3409	0000	-771	37.8052	81.9237		PPK	1.0	0.7 --	5.4	0.68 --	0.13 -	5.19	1365.	47.	9.
3410	0000	-772	37.8053	81.9241		PPK	1.1	0.9 -	6.2	0.83 -	0.15 -	5.49	1423.	47.	9.
3411	0000	-770	37.8053	81.9247		PPK	1.2	1.3	6.5	1.06	0.20	5.40	1509.	48.	8.
3412	0000	-773	37.8054	81.9251		PPK	1.2	1.7	7.4	1.39	0.23	6.07	1608.	48.	7.
3413	0000	-779	37.8054	81.9256		PPK	1.3	1.5	7.5	1.20	0.21	5.83	1644.	46.	7.
3414	0000	-780	37.8055	81.9260		PPK	1.3	1.9	7.3	1.50	0.27	5.65	1682.	44.	7.
3415	0000	-781	37.8056	81.9265		PPK	1.4	1.9	7.2	1.39	0.27	5.17	1696.	41.	7.
3416	0000	-783	37.8056	81.9269		PPK	1.3	2.3 +	7.2	1.75	0.32	5.43	1701.	40.	5.
3417	0000	-782	37.8057	81.9274		PPK	1.3	2.2 +	7.1	1.66	0.31	5.32	1703.	38.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-783	37.8057	81.9279		PPK	1.3	2.1	6.8	1.70	0.31	5.44	1674.	36.	7.
3419	0000	-788	37.8057	81.9284		PPK	1.2	2.1	6.5	1.65	0.32	5.20	1636.	37.	6.
3420	0000	-794	37.8058	81.9288		PPK	1.2	2.0	6.6	1.65	0.31	5.34	1638.	38.	6.
3421	0000	-798	37.8058	81.9294		PPK	1.3	2.0	6.6	1.58	0.30	5.21	1610.	40.	6.
3422	0000	-800	37.8059	81.9298		PPK	1.2	1.9	6.4	1.59	0.30	5.23	1584.	43.	6.
3423	0000	-804	37.8059	81.9303		PPK	1.2	1.8	6.0	1.49	0.30	4.90	1550.	46.	7.
3424	0000	-810	37.8060	81.9307		PPK	1.2	1.7	5.8	1.45	0.30	4.89	1502.	46.	7.
3425	0000	-815	37.8060	81.9312		PPK	1.2	1.5	5.6	1.28	0.27	4.75	1461.	46.	7.
3426	0000	-814	37.8061	81.9316		PPK	1.2	1.3	5.5	1.15	0.24	4.71	1416.	47.	8.
3427	0000	-814	37.8062	81.9322		PPK	1.1	1.2	5.6	1.06	0.21	5.04	1380.	47.	8.
3428	0000	-821	37.8062	81.9326		PPK	1.1	1.1	5.5	0.99 -	0.20	4.86	1406.	48.	8.
3429	0000	-823	37.8062	81.9330		PPK	1.1	1.2	5.9	1.06	0.20	5.29	1424.	46.	8.
3430	0000	-820	37.8062	81.9334		PPK	1.1	1.1 -	5.9	0.94 -	0.18 -	5.21	1456.	44.	8.
3431	0000	-827	37.8062	81.9339		PPK	1.1	1.3	6.1	1.15	0.21	5.40	1489.	44.	8.
3432	0000	-831	37.8062	81.9343		PPK	1.1	1.5	6.3	1.30	0.23	5.57	1522.	47.	7.
3433	0000	-830	37.8062	81.9347		PPK	1.1	1.5	6.5	1.33	0.23	5.84	1536.	46.	6.
3434	0000	-831	37.8062	81.9351		PPK	1.2	1.8	6.3	1.52	0.28	5.42	1548.	44.	5.
3435	0000	-833	37.8062	81.9355		PPK	1.1	1.7	6.3	1.59	0.28	5.75	1512.	43.	4.
3436	0000	-832	37.8062	81.9359		PPK	1.1	1.8	6.0	1.60	0.29	5.45	1499.	44.	4.
3437	0000	-832	37.8062	81.9363		PPK	1.1	1.8	6.5	1.60	0.27	5.89	1491.	45.	5.
3438	0000	-831	37.8062	81.9367		PPK	1.1	1.6	6.5	1.39	0.24	5.73	1489.	41.	6.
3439	0000	-832	37.8062	81.9371		PPK	1.1	1.4	6.5	1.26	0.22	5.80	1463.	42.	6.
3440	0000	-834	37.8062	81.9374		PPK	1.1	1.5	6.1	1.35	0.25	5.35	1460.	42.	7.
3441	0000	-837	37.8062	81.9379		PPK	1.1	1.4	6.0	1.33	0.23	5.73	1439.	43.	8.
3442	0000	-838	37.8062	81.9382		PPK	1.0	1.5	5.8	1.39	0.25	5.57	1409.	44.	7.
3443	0000	-840	37.8063	81.9387		PPK	1.0	1.4	5.6	1.50	0.26	5.80	1347.	44.	7.
3444	0000	-842	37.8063	81.9390		PPK	0.9	1.4	4.9	1.54	0.28	5.53	1271.	45.	7.
3445	0000	-842	37.8063	81.9394		PPK	0.8	1.3	4.8	1.58	0.28	5.69	1203.	47.	6.
3446	0000	-845	37.8062	81.9398		PPK	0.8 -	1.4	4.4 -	1.68	0.31	5.35	1148.	48.	5.
3447	0000	-848	37.8062	81.9403		PPK	0.8 -	1.3	4.3 -	1.72	0.31	5.62	1092.	50.	5.
3448	0000	-848	37.8062	81.9407		PPK	0.8 -	1.4	4.1	1.81	0.34	5.29	1060.	49.	4.
3449	0000	-851	37.8062	81.9411		PPK	0.7 -	1.4	4.3 -	1.81	0.31	5.77	1043.	48.	3.
3450	0000	-857	37.8062	81.9415		PPK	0.8 -	1.4	4.3 -	1.87	0.33	5.66	1061.	48.	3.
3451	0000	-856	37.8062	81.9418		PPK	0.8 -	1.5	4.4 -	1.85	0.33	5.53	1102.	50.	3.
3452	0000	-853	37.8062	81.9423		PPK	0.8 -	1.8	4.1 -	2.17 +	0.43 +	5.10	1142.	49.	3.
3453	0000	-854	37.8062	81.9427		PPK	0.8 -	1.8	4.3 -	2.24 +	0.42 +	5.30	1166.	48.	4.
3454	0000	-857	37.8062	81.9431		PPK	0.8 -	1.7	4.8	2.02 +	0.36 +	5.65	1213.	45.	4.
3455	0000	-858	37.8062	81.9434		PPK	0.9	1.6	4.8	1.89	0.34	5.64	1232.	48.	6.
3456	0000	-863	37.8062	81.9439		PPK	0.9	1.6	4.3 -	1.82	0.37 +	4.87	1233.	48.	7.
3457	0000	-867	37.8063	81.9442		PPK	0.9	1.5	4.3 -	1.67	0.34	4.85	1211.	47.	8.
3458	0000	-865	37.8063	81.9447		PPK	0.9	1.3	4.2 -	1.41 -	0.30	4.68 -	1162.	46.	8.
3459	0000	-865	37.8063	81.9450		PPK	0.8	1.0 -	4.1 -	1.20	0.25	4.81	1096.	47.	9.
3460	0000	-867	37.8063	81.9455		PPK	0.8 -	0.8 -	4.0 -	0.99 -	0.21	4.81	1038.	48.	10.
3461	0000	-869	37.8063	81.9458		PPK	0.8 -	0.6 --	3.4 -	0.72 --	0.17 -	4.29 -	956.	49.	10.
3462	0000	-871	37.8063	81.9463		PPK	0.7 -	0.5 ---	3.0 --	0.66 --	0.15 -	4.25 -	887.	49.	11.
3463	0000	-871	37.8063	81.9467		PPK	0.7 -	0.4 ---	3.2 --	0.68 --	0.14 -	4.86	830.	51.	10.
3464	0000	-870	37.8063	81.9471		PPK	0.6 --	0.3 ---	3.3 -	0.59 --	0.10 --	5.66	805.	52.	9.
3465	0000	-871	37.8062	81.9474		PPK	0.5 --	0.5 ---	3.3 -	0.91 -	0.15 -	6.19	812.	50.	9.
3466	0000	-872	37.8063	81.9479		PPK	0.6 --	0.5 ---	3.3 -	0.92 -	0.16 -	5.86	839.	50.	9.
3467	0000	-872	37.8062	81.9483		PPK	0.6 --	0.5 ---	3.5 -	0.83 -	0.15 -	5.63	889.	50.	9.
3468	0000	-873	37.8062	81.9487		PPK	0.7 -	0.5 --	3.8 -	0.79 -	0.14 -	5.56	948.	50.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-876	37.8062	81.9491	PPK	0.8 -	0.7 --	4.2 -	0.86 -	0.16 -	5.44	1019.	49.	8.
3470	0000	-884	37.8062	81.9495	PPK	0.8	0.7 --	4.7	0.84 -	0.15 -	5.50	1097.	46.	8.
3471	0000	-889	37.8063	81.9499	PPK	0.9	0.8 -	4.9	0.85 -	0.16 -	5.31	1145.	48.	7.
3472	0000	-890	37.8063	81.9503	PPK	0.9	1.0 -	4.9	1.09	0.20	5.38	1176.	51.	7.
3473	0000	-891	37.8063	81.9507	PPK	0.9	0.9 -	5.0	0.99 -	0.19 -	5.33	1203.	49.	6.
3474	0000	-895	37.8063	81.9510	PPK	0.9	1.0 -	5.2	1.11	0.20	5.58	1223.	48.	6.
3475	0000	-900	37.8063	81.9515	PPK	1.0	1.1	5.5	1.12	0.20	5.69	1243.	48.	5.
3476	0000	-901	37.8063	81.9519	PPK	1.0	1.0 -	5.6	0.99 -	0.17 -	5.75	1270.	47.	5.
3477	0000	-900	37.8063	81.9523	PPK	1.0	1.1 -	5.4	1.04	0.19	5.38	1300.	47.	6.
3478	0000	-901	37.8063	81.9527	PPK	1.1	1.2	5.7	1.06	0.20	5.17	1361.	44.	6.
3479	0000	-902	37.8063	81.9531	PPK	1.2	1.3	5.9	1.11	0.22	5.07	1426.	42.	6.
3480	0000	-906	37.8063	81.9534	PPK	1.2	1.3	6.1	1.07	0.21	5.17	1473.	43.	6.
3481	0000	-911	37.8063	81.9539	PPK	1.2	1.3	6.2	1.06	0.21	5.08	1508.	44.	6.
3482	0000	-911	37.8062	81.9543	PPK	1.2	1.3	6.1	1.07	0.21	4.99	1530.	45.	6.
3483	0000	-913	37.8062	81.9547	PPK	1.2	1.6	6.3	1.36	0.25	5.33	1540.	43.	6.
3484	0000	-915	37.8062	81.9550	PPK	1.2	1.5	6.4	1.24	0.23	5.33	1552.	42.	7.
3485	0000	-915	37.8063	81.9555	PPK	1.2	1.5	6.3	1.23	0.23	5.23	1546.	41.	7.
3486	0000	-919	37.8063	81.9559	PPK	1.2	1.4	6.5	1.15	0.22	5.31	1557.	41.	7.
3487	0000	-924	37.8063	81.9563	PPK	1.2	1.7	6.4	1.47	0.27	5.48	1562.	43.	6.
3488	0000	-922	37.8063	81.9567	PPK	1.2	1.9	6.3	1.59	0.30	5.28	1586.	43.	6.
3489	0000	-923	37.8063	81.9570	PPK	1.2	2.1	6.2	1.74	0.34	5.12	1593.	43.	4.
3490	0000	-928	37.8063	81.9575	PPK	1.3	2.1	5.6	1.60	0.36 +	4.38 -	1584.	45.	4.
3491	0000	-929	37.8063	81.9579	PPK	1.2	2.3 +	5.7	1.92	0.40 +	4.78	1551.	46.	3.
3492	0000	-930	37.8063	81.9583	PPK	1.1	2.4 +	5.3	2.22 +	0.46 ++	4.82	1499.	49.	1.
3493	0000	-929	37.8063	81.9587	PPK	1.1	2.4 +	4.9	2.26 +	0.50 ++	4.54 -	1435.	49.	2.
3494	0000	-929	37.8063	81.9591	PPK	1.1	2.2 +	4.7	1.97 +	0.46 ++	4.25 -	1386.	48.	2.
3495	0000	-933	37.8063	81.9595	PPK	1.0	2.0	4.7	1.98 +	0.43 +	4.60 -	1317.	45.	3.
3496	0000	-932	37.8063	81.9599	PPK	0.9	1.9	4.4 -	1.96 +	0.42 +	4.65 -	1258.	44.	5.
3497	0000	-932	37.8063	81.9603	PPK	0.9	1.6	4.4 -	1.86	0.36 +	5.12	1188.	45.	6.
3498	0000	-936	37.8063	81.9607	PPK	0.9	1.4	4.1 -	1.68	0.35 +	4.80	1139.	44.	7.
3499	0000	-936	37.8063	81.9610	PPA-1	0.8	1.3	3.9	1.56	0.34	4.55 -	1102.	42.	8.
3500	0000	-934	37.8063	81.9615	PPA-1	0.8	1.0	3.6 -	1.25	0.28	4.54 -	1033.	44.	8.
3501	0000	-935	37.8063	81.9619	PPA-1	0.7	1.0	3.6 -	1.41	0.27	4.94 -	982.	45.	8.
3502	0000	-936	37.8063	81.9623	PPA-1	0.7	0.9 -	3.3 -	1.31	0.27	4.84 -	923.	48.	8.
3503	0000	-936	37.8063	81.9627	PPA-1	0.6 -	0.9 -	3.1 -	1.47	0.28	5.24	880.	51.	7.
3504	0000	-935	37.8063	81.9630	PPA-1	0.6 -	1.1	3.1 -	1.93	0.35	5.52	856.	52.	6.
3505	0000	-934	37.8063	81.9635	PPA-1	0.5 -	0.9	2.9 --	1.85	0.32	5.80	822.	54.	6.
3506	0000	-935	37.8063	81.9639	PPA-1	0.5 -	0.9 -	3.0 -	1.85	0.29	6.30	810.	55.	5.
3507	0000	-937	37.8063	81.9643	PPA-1	0.4 --	1.2	3.1 -	2.91 +	0.40 +	7.20 +	821.	54.	4.
3508	0000	-938	37.8063	81.9646	PPA-1	0.4 --	1.2	3.1 -	2.81 +	0.39 +	7.27 +	823.	55.	3.
3509	0000	-938	37.8063	81.9651	PPA-1	0.4 --	1.4	3.2 -	3.08 ++	0.43 +	7.13 +	846.	56.	2.
3510	0000	-939	37.8063	81.9655	PPA-1	0.5 -	1.4	3.4 -	2.84 +	0.41 +	6.91 +	876.	52.	2.
3511	0000	-939	37.8063	81.9659	PPA-1	0.5 -	1.4	3.4 -	2.70 +	0.40 +	6.73 +	901.	51.	2.
3512	0000	-940	37.8063	81.9663	PPA-1	0.6 -	1.4	3.6 -	2.31 +	0.38 +	6.13	943.	51.	3.
3513	0000	-943	37.8063	81.9667	PPA-1	0.6 -	1.4	3.6 -	2.25 +	0.38 +	5.97	956.	52.	3.
3514	0000	-945	37.8063	81.9670	PPA-1	0.7	1.2	3.9	1.79	0.30	5.95	978.	48.	4.
3515	0000	-944	37.8063	81.9675	PPA-1	0.7	1.1	4.1	1.73	0.28	6.16	988.	47.	4.
3516	0000	-946	37.8063	81.9678	PPA-1	0.7	1.1	4.2	1.68	0.27	6.25	997.	44.	4.
3517	0000	-949	37.8063	81.9683	PPA-1	0.7	1.0	3.9	1.47	0.26	5.67	1002.	47.	5.
3518	0000	-949	37.8063	81.9686	PPA-1	0.7	1.1	4.2	1.46	0.26	5.67	1024.	46.	5.
3519	0000	-947	37.8063	81.9691	PPA-1	0.7	1.3	4.0	1.76	0.31	5.59	1028.	43.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3520	0000	-948	37.8063	81.9694	PPA-1	0.7	1.4	3.9	1.97	0.35	5.60	1048.	45.	4.
3521	0000	-951	37.8063	81.9699	PPA-1	0.7	1.5	4.2	2.10	0.34	6.09	1073.	48.	3.
3522	0000	-950	37.8063	81.9703	PPA-1	0.7	1.5	4.0	2.25 +	0.41 +	5.53	1113.	48.	3.
3523	0000	-950	37.8063	81.9707	PPA-1	0.8	1.7	3.8	2.04	0.44 +	4.67 -	1148.	51.	3.
3524	0000	-953	37.8063	81.9711	PPA-1	0.8	1.9 +	4.0	2.33 +	0.47 ++	4.96 -	1164.	50.	2.
3525	0000	-952	37.8063	81.9715	PPK	0.8 -	1.7	4.4 -	1.99 +	0.38 +	5.26	1184.	50.	1.
3526	0000	-953	37.8064	81.9719	PPK	0.9	1.6	4.3 -	1.85	0.37 +	4.97	1196.	52.	1.
3527	0000	-955	37.8064	81.9723	PPK	0.9	1.7	4.5 -	1.79	0.37 +	4.87	1207.	51.	1.
3528	0000	-952	37.8064	81.9727	PPK	1.0	1.7	4.4 -	1.70	0.38 +	4.49 -	1220.	51.	1.
3529	0000	-952	37.8064	81.9731	PPK	1.0	1.6	4.4 -	1.66	0.37 +	4.44 -	1219.	50.	2.
3530	0000	-954	37.8063	81.9735	PPK	0.9	1.6	4.8	1.68	0.33	5.15	1210.	48.	2.
3531	0000	-954	37.8063	81.9739	PPK	0.9	1.6	4.8	1.75	0.33	5.31	1199.	50.	2.
3532	0000	-954	37.8063	81.9743	PPK	0.9	1.7	4.2 -	1.93 +	0.41 +	4.71	1181.	52.	3.
3533	0000	-957	37.8063	81.9746	PPK	0.9	1.7	4.6 -	1.88	0.36 +	5.15	1192.	51.	3.
3534	0000	-958	37.8063	81.9751	PPK	0.9	1.5	4.6 -	1.69	0.32	5.33	1204.	51.	4.
3535	0000	-958	37.8063	81.9755	PPK	0.9	1.4	4.5 -	1.55	0.30	5.17	1204.	51.	5.
3536	0000	-961	37.8063	81.9759	PPK	0.9	1.4	4.7	1.62	0.30	5.35	1229.	52.	4.
3537	0000	-963	37.8063	81.9762	PPK	0.9	1.5	4.9	1.59	0.30	5.34	1263.	50.	4.
3538	0000	-963	37.8063	81.9767	PPK	1.0	1.4	4.8	1.40	0.29	4.86	1310.	50.	6.
3539	0000	-961	37.8063	81.9771	PPK	1.0	1.4	5.3	1.34	0.26	5.11	1365.	49.	6.
3540	0000	-964	37.8064	81.9775	PPK	1.1	1.4	5.5	1.34	0.26	5.16	1405.	48.	6.
3541	0000	-969	37.8064	81.9779	PPK	1.1	1.6	5.4	1.43	0.29	4.98	1436.	48.	6.
3542	0000	-970	37.8064	81.9783	PPK	1.1	1.7	6.1	1.51	0.29	5.31	1507.	46.	5.
3543	0000	-971	37.8064	81.9787	PPK	1.2	1.9	6.3	1.51	0.29	5.13	1602.	47.	6.
3544	0000	-974	37.8064	81.9790	PPK	1.3	1.9	6.7	1.42	0.28	5.11	1697.	47.	7.
3545	0000	-975	37.8064	81.9795	PPK	1.4	2.1	7.9 +	1.52	0.27	5.71	1811.	44.	7.
3546	0000	-977	37.8063	81.9799	PPK	1.4	2.2 +	7.9 +	1.54	0.27	5.63	1879.	42.	7.
3547	0000	-978	37.8063	81.9803	PPK	1.5 +	2.1	8.2 +	1.43	0.26	5.51	1929.	42.	8.
3548	0000	-977	37.8063	81.9807	PPK	1.5 +	2.0	8.4 +	1.31	0.23	5.61	1958.	41.	9.
3549	0000	-977	37.8063	81.9811	PPK	1.4 +	1.9	8.0 +	1.33	0.24	5.55	1928.	42.	10.
3550	0000	-978	37.8063	81.9815	PPK	1.4 +	2.0	8.2 +	1.41	0.25	5.74	1909.	42.	9.
3551	0000	-979	37.8063	81.9819	PPK	1.6 +	1.9	8.2 +	1.20	0.23	5.25	1916.	41.	9.
3552	0000	-980	37.8063	81.9822	PPK	1.6 +	2.0	7.7 +	1.21	0.25	4.77	1894.	42.	8.
3553	0000	-983	37.8064	81.9827	PPK	1.6 +	1.9	7.7 +	1.19	0.25	4.77	1851.	43.	8.
3554	0000	-982	37.8064	81.9830	PPK	1.6 +	2.1	7.4	1.32	0.28	4.69	1796.	44.	6.
3555	0000	-979	37.8064	81.9835	PPK	1.6 +	2.3 +	7.4	1.46	0.30	4.79	1753.	44.	5.
3556	0000	-982	37.8064	81.9839	PPK	1.5 +	2.2 +	7.3	1.44	0.30	4.74	1720.	43.	4.
3557	0000	-985	37.8064	81.9843	PPK	1.5 +	2.0	6.9	1.31	0.29	4.56 -	1649.	43.	5.
3558	0000	-983	37.8064	81.9847	PPK	1.3	2.1	6.3	1.58	0.34	4.70	1535.	44.	4.
3559	0000	-982	37.8064	81.9851	PPK	1.2	1.8	5.8	1.51	0.31	4.82	1418.	45.	4.
3560	0000	-980	37.8064	81.9855	PPK	1.1	1.7	5.3	1.53	0.33	4.68 -	1348.	44.	5.
3561	0000	-978	37.8064	81.9859	PPK	1.1	1.7	4.9	1.56	0.34	4.56 -	1278.	43.	6.
3562	0000	-982	37.8064	81.9863	PPK	1.0	1.5	4.6 -	1.49 -	0.33	4.49 -	1217.	44.	5.
3563	0000	-985	37.8064	81.9867	PPK	1.0	1.4	4.1 -	1.45	0.34	4.24 -	1148.	45.	5.
3564	0000	-983	37.8064	81.9871	PPK	0.8 -	1.2	3.9 -	1.43	0.31	4.67 -	1071.	46.	5.
3565	0000	-983	37.8063	81.9875	PPK	0.8 -	1.2	3.8 -	1.50	0.31	4.91	1022.	46.	4.
3566	0000	-983	37.8063	81.9879	PPK	0.7 -	1.2	3.5 -	1.64	0.34	4.78	989.	46.	4.
3567	0000	-980	37.8064	81.9882	PPK	0.7 -	1.3	3.6 -	1.83	0.36 +	5.13	985.	46.	3.
3568	0000	-981	37.8064	81.9887	PPK	0.7 -	1.2	3.8 -	1.69	0.32	5.28	1018.	45.	3.
3569	0000	-986	37.8064	81.9891	PPK	0.8 -	1.2	3.9 -	1.56	0.31	5.09	1053.	45.	4.
3570	0000	-985	37.8064	81.9895	PPK	0.8 -	1.2	4.0 -	1.52	0.30	5.07	1106.	46.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 60, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3571	0000	-985	37.8064	81.9899	PPK	0.9	1.3	4.2 -	1.46	0.31	4.64 -	1167.	45.	4.
3572	0000	-990	37.8064	81.9903	PPK	0.9	1.3	4.5 -	1.37	0.29	4.78	1222.	45.	5.
3573	0000	-986	37.8064	81.9907	PPK	1.0	1.1	5.1	1.07	0.21	5.04	1274.	44.	6.
3574	0000	-986	37.8064	81.9911	PPK	1.0	0.9 -	5.2	0.82 -	0.16 -	5.04	1288.	47.	7.
3575	0000	-990	37.8064	81.9915	PPK	1.0	1.0 -	5.4	0.96 -	0.18 -	5.34	1298.	49.	8.
3576	0000	-988	37.8064	81.9919	PPK	1.0	0.9 -	5.7	0.85 -	0.16 -	5.50	1332.	48.	8.
3577	0000	-990	37.8064	81.9924	PPK	1.1	1.1	5.8	1.01	0.19 -	5.42	1372.	48.	9.
3578	0000	-996	37.8064	81.9927	PPK	1.1	1.1	6.3	1.01	0.18 -	5.73	1416.	48.	8.
3579	0000	-993	37.8064	81.9931	PPK	1.1	1.2	6.4	1.11	0.19	5.80	1422.	48.	8.
3580	0000	-994	37.8064	81.9935	PPK	1.1	1.3	6.1	1.20	0.22	5.51	1425.	50.	7.
3581	0000	-996	37.8064	81.9939	PPK	1.1	1.5	5.9	1.30	0.24	5.31	1440.	48.	5.
3582	0000	-992	37.8064	81.9943	PPK	1.2	1.4	6.2	1.20	0.22	5.34	1454.	47.	4.
3583	0000	-994	37.8064	81.9947	PPK	1.1	1.7	6.1	1.50	0.28	5.36	1453.	48.	3.
3584	0000	-999	37.8064	81.9951	PPK	1.2	1.7	6.1	1.44	0.27	5.25	1462.	46.	2.
3585	0000	-996	37.8064	81.9955	PPK	1.2	1.5	5.6	1.26	0.27	4.68 -	1457.	46.	3.
3586	0000	-996	37.8064	81.9959	PPK	1.3	1.4	5.8	1.10	0.24	4.63 -	1471.	46.	4.
3587	0000	-998	37.8064	81.9963	PPK	1.3	1.3	6.2	1.01	0.21	4.79	1493.	44.	5.
3588	0000	-996	37.8064	81.9967	PPK	1.3	1.2	6.4	0.96 -	0.19	4.98	1506.	43.	7.
3589	0000	-994	37.8064	81.9971	PPK	1.3	1.1	5.9	0.83 -	0.18 -	4.55 -	1494.	44.	9.
3590	0000	-995	37.8064	81.9975	PPK	1.3	0.9 -	5.7	0.73 -	0.16 -	4.63 -	1474.	45.	10.
3591	0000	-996	37.8064	81.9979	PPK	1.2	0.9 -	6.0	0.76 -	0.15 -	5.03	1428.	45.	11.
3592	0000	-994	37.8064	81.9982	PPK	1.2	0.9 -	6.0	0.76 -	0.15 -	5.03	1428.	45.	11.
3593	0000	-994	37.8064	81.9987	PPK	1.2	0.9 -	6.0	0.76 -	0.15 -	5.03	1428.	45.	11.
3594	0000	-996	37.8064	81.9991	PPK	1.2	0.9 -	6.0	0.76 -	0.15 -	5.03	1428.	45.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-719	37.7183	81.9990		PPK	1.0	1.3	5.0	1.34	0.26	5.11	1252.	50.	5.
2	0000	-720	37.7182	81.9985		PPK	1.0	1.3	5.0	1.34	0.26	5.11	1252.	50.	5.
3	0000	-718	37.7182	81.9980		PPK	1.0	1.3	5.0	1.34	0.26	5.11	1252.	50.	5.
4	0000	-718	37.7182	81.9975		PPK	1.0	1.3	5.0	1.34	0.26	5.11	1252.	50.	5.
5	0000	-719	37.7182	81.9970		PPK	1.0	1.5	5.5	1.44	0.27	5.25	1322.	51.	4.
6	0000	-720	37.7183	81.9965		PPK	1.2	1.5	6.1	1.31	0.25	5.19	1446.	50.	4.
7	0000	-719	37.7183	81.9960		PPK	1.3	1.6	6.3	1.19	0.25	4.68 -	1562.	49.	5.
8	0000	-718	37.7183	81.9956		PPK	1.4	1.8	7.2	1.26	0.24	5.17	1651.	50.	5.
9	0000	-718	37.7183	81.9950		PPK	1.4	1.9	7.3	1.31	0.26	5.09	1698.	51.	5.
10	0000	-717	37.7183	81.9945		PPK	1.4 +	1.7	7.4	1.18	0.23	5.11	1736.	50.	6.
11	0000	-716	37.7183	81.9940		PPK	1.5 +	1.8	7.5	1.21	0.24	5.11	1746.	49.	5.
12	0000	-717	37.7183	81.9936		PPK	1.5 +	1.7	6.8	1.14	0.25	4.63 -	1730.	48.	6.
13	0000	-716	37.7183	81.9931		PPK	1.4	1.7	6.7	1.21	0.25	4.92	1666.	49.	7.
14	0000	-715	37.7183	81.9926		PPK	1.3	1.6	6.4	1.27	0.25	5.10	1582.	50.	7.
15	0000	-716	37.7183	81.9921		PPK	1.2	1.4	5.6	1.12	0.24	4.60 -	1499.	50.	7.
16	0000	-717	37.7183	81.9916		PPK	1.2	1.4	5.3	1.15	0.26	4.53 -	1436.	48.	8.
17	0000	-718	37.7183	81.9911		PPK	1.1	1.4	5.1	1.23	0.26	4.66 -	1372.	50.	8.
18	0000	-717	37.7183	81.9907		PPK	1.0	1.3	4.8	1.31	0.27	4.79	1346.	50.	8.
19	0000	-715	37.7183	81.9901		PPK	1.0	1.3	5.0	1.32	0.26	4.98	1346.	50.	7.
20	0000	-716	37.7183	81.9896		PPK	1.1	1.3	4.9	1.26	0.27	4.60 -	1361.	49.	6.
21	0000	-716	37.7183	81.9891		PPK	1.2	1.4	5.2	1.20	0.27	4.46 -	1400.	49.	5.
22	0000	-713	37.7183	81.9887		PPK	1.2	1.8	5.0	1.47	0.36 +	4.05 --	1461.	47.	3.
23	0000	-715	37.7183	81.9882		PPK	1.3	1.8	5.3	1.44	0.34	4.23 -	1511.	49.	2.
24	0000	-717	37.7184	81.9877		PPK	1.3	2.1	5.4	1.62	0.38 +	4.28 -	1541.	48.	1.
25	0000	-715	37.7184	81.9872		PPK	1.3	2.0	5.7	1.51	0.35 +	4.30 -	1548.	50.	0.
26	0000	-715	37.7184	81.9867		PPK	1.3	2.0	5.8	1.49	0.34	4.44 -	1553.	51.	0.
27	0000	-717	37.7184	81.9862		PPK	1.3	2.1	5.8	1.60	0.35 +	4.53 -	1527.	52.	1.
28	0000	-715	37.7184	81.9857		PPK	1.2	1.9	5.7	1.56	0.33	4.72	1492.	51.	2.
29	0000	-714	37.7184	81.9852		PPK	1.1	1.5	6.0	1.36	0.26	5.26	1451.	51.	3.
30	0000	-713	37.7184	81.9847		PPK	1.1	1.5	6.0	1.40	0.25	5.50	1416.	52.	4.
31	0000	-712	37.7184	81.9842		PPK	1.1	1.3	6.1	1.17	0.21	5.61	1410.	51.	5.
32	0000	-713	37.7184	81.9837		PPK	1.0	1.4	5.8	1.40	0.24	5.79	1387.	51.	6.
33	0000	-713	37.7184	81.9833		PPK	1.0	1.4	5.8	1.48	0.25	6.05	1351.	50.	6.
34	0000	-711	37.7184	81.9827		PPK	0.9	1.4	5.6	1.50	0.24	6.22 +	1324.	46.	6.
35	0000	-709	37.7184	81.9822		PPK	0.9	1.4	5.3	1.65	0.26	6.25 +	1285.	47.	6.
36	0000	-709	37.7184	81.9817		PPK	0.8 -	1.5	5.4	1.92	0.29	6.71 +	1241.	50.	5.
37	0000	-709	37.7184	81.9812		PPK	0.8 -	1.6	5.2	1.96 +	0.30	6.53 +	1212.	49.	6.
38	0000	-709	37.7184	81.9808		PPK	0.7 -	1.6	5.0	2.14 +	0.31	6.83 +	1159.	53.	6.
39	0000	-711	37.7184	81.9803		PPK	0.7 -	1.5	4.8	2.07 +	0.30	6.82 +	1123.	52.	6.
40	0000	-712	37.7184	81.9798		PPK	0.7 -	1.3	4.8	1.89	0.28	6.85 +	1104.	52.	8.
41	0000	-711	37.7184	81.9793		PPK	0.7 -	1.1	4.5 -	1.70	0.25	6.83 +	1068.	55.	9.
42	0000	-711	37.7184	81.9788		PPK	0.6 --	0.9 -	4.4 -	1.54	0.21	7.26 ++	1036.	53.	10.
43	0000	-711	37.7184	81.9783		PPK	0.6 --	0.7 --	[illegible]	1.11	0.17 -	6.52 +	1005.	51.	13.
44	0000	-711	37.7184	81.9778		PPK	0.6 --	0.4 ---	3.	0.72 -	0.12 -	6.24 +	977.	51.	14.
45	0010	-712	37.7184	81.9773		PPK	0.6 --	0.4	N.A. 3.6 -	0.61	N.A. 0.10	N.A. 5.99	[illegible]	47.	16.
46	0010	-710	37.7184	81.9768		PPK	0.6 --	0.2	N.A. 3.7 -	0.30	N.A. 0.05	N.A. 6.00	935.	46.	17.
47	0010	-708	37.7184	81.9763		PPK	0.6 --	0.2	N.A. 3.5 -	0.34	N.A. 0.06	N.A. 5.64	927.	46.	16.
48	0010	-708	37.7184	81.9759		PPK	0.6 --	0.2	N.A. 3.5 -	0.29	N.A. 0.05	N.A. 5.54	924.	44.	16.
49	0010	-708	37.7184	81.9754		PPK	0.7 -	0.2	N.A. 3.5 -	0.38	N.A. 0.07	N.A. 5.33	921.	46.	16.
50	0010	-708	37.7184	81.9749		PPK	0.6 --	0.3	N.A. 3.4 -	0.53	N.A. 0.10	N.A. 5.33	918.	47.	15.
51	0010	-707	37.7185	81.9744		PPK	0.6 --	0.4	N.A. 3.6 -	0.59	N.A. 0.11	N.A. 5.60	926.	49.	13.

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CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0010	-706	37.7185	81.9739		PPK	0.8 -	0.3 N.A.	3.5 -	0.38 N.A.	0.09 N.A.	4.41 -	961.	50.	11.
53	0010	-706	37.7185	81.9734		PPK	0.8 -	0.3 N.A.	3.7 -	0.35 N.A.	0.08 N.A.	4.52 -	990.	53.	10.
54	0000	-704	37.7185	81.9729		PPK	0.8 -	0.4 ---	3.8 -	0.57 --	0.12 -	4.90	1000.	53.	8.
55	0000	-703	37.7185	81.9724		PPK	0.8 -	0.7 --	3.6 -	0.84 -	0.19	4.38 -	1026.	54.	7.
56	0000	-703	37.7185	81.9719		PPK	0.9	0.8 -	3.8 -	0.87 -	0.21	4.24 -	1070.	54.	6.
57	0000	-702	37.7185	81.9714		PPK	0.9	0.8 -	4.4 -	0.84 -	0.18 -	4.77	1120.	55.	6.
58	0000	-701	37.7185	81.9710		PPK	0.9	1.0 -	4.5 -	1.09	0.22	5.03	1125.	54.	6.
59	0000	-701	37.7185	81.9704		PPK	0.7 -	1.2	4.5 -	1.60	0.26	6.09	1091.	54.	6.
60	0000	-698	37.7185	81.9699		PPK	0.7 -	1.3	4.0 -	1.86	0.32	5.83	1053.	54.	7.
61	0000	-697	37.7185	81.9694		PPK	0.7 -	1.0 -	4.0 -	1.40	0.25	5.60	1014.	55.	7.
62	0000	-697	37.7185	81.9690		PPK	0.7 -	0.9 -	4.2 -	1.33	0.21	6.29 +	1001.	54.	7.
63	0000	-696	37.7185	81.9684		PPK	0.6 --	1.0 -	4.2 -	1.64	0.25	6.65 +	989.	53.	6.
64	0000	-695	37.7185	81.9680		PPK	0.7 -	1.3	4.0 -	2.04 +	0.33	6.18	999.	51.	6.
65	0000	-694	37.7185	81.9675		PPK	0.7 -	1.3	4.0 -	1.84	0.33	5.52	1051.	50.	6.
66	0000	-694	37.7185	81.9670		PPK	0.8 -	1.3	4.8	1.62	0.27	6.04	1120.	53.	6.
67	0000	-694	37.7185	81.9665		PPK	1.0	1.5	5.5	1.59	0.28	5.73	1203.	52.	5.
68	0000	-691	37.7185	81.9660		PPK	1.0	1.7	5.9	1.68	0.29	5.73	1322.	50.	5.
69	0000	-689	37.7185	81.9656		PPK	1.1	1.8	5.9	1.71	0.31	5.51	1359.	50.	5.
70	0000	-690	37.7185	81.9650		PPK	1.1	1.9	6.0	1.79	0.32	5.55	1381.	51.	6.
71	0000	-689	37.7185	81.9645		PPK	1.1	1.7	5.7	1.63	0.31	5.31	1355.	52.	6.
72	0000	-687	37.7185	81.9641		PPK	1.1	1.7	5.4	1.63	0.32	5.06	1304.	53.	5.
73	0000	-684	37.7185	81.9635		PPK	1.0	1.8	4.7	1.77	0.38 +	4.64 -	1248.	51.	5.
74	0000	-683	37.7185	81.9630		PPK	0.9	1.5	4.1 -	1.72	0.37 +	4.61 -	1164.	53.	5.
75	0000	-683	37.7185	81.9626		PPK	0.8 -	1.4	3.3 -	1.75	0.43 +	4.11 -	1043.	56.	5.
76	0000	-681	37.7185	81.9621		PPK	0.8 -	1.3	3.1 --	1.72	0.42 +	4.06 --	991.	58.	6.
77	0000	-680	37.7185	81.9616		PPK	0.7 -	1.2	2.9 --	1.60	0.40 +	3.95 --	960.	55.	6.
78	0000	-679	37.7185	81.9610		PPK	0.7 -	1.0 -	2.8 --	1.30	0.35	3.76 --	957.	56.	7.
79	0000	-677	37.7185	81.9607		PPK	0.7 -	1.0 -	2.9 --	1.29	0.33	3.84 --	967.	56.	7.
80	0000	-677	37.7185	81.9601		PPK	0.8 -	1.1	2.8 --	1.43	0.38 +	3.70 --	984.	56.	8.
81	0000	-676	37.7185	81.9596		PPK	0.7 -	1.2	3.2 -	1.62	0.36 +	4.44 -	1038.	53.	8.
82	0000	-674	37.7185	81.9591		PPK	0.8 -	1.3	3.7 -	1.73	0.36 +	4.82	1116.	53.	8.
83	0000	-674	37.7185	81.9586		PPK	0.9	1.4	4.0 -	1.62	0.35	4.62 -	1196.	50.	8.
84	0000	-672	37.7185	81.9582		PPK	0.9	1.3	3.8 -	1.37	0.34	4.03 --	1221.	53.	8.
85	0000	-668	37.7185	81.9577		PPK	0.9	1.5	4.2 -	1.59	0.36 +	4.46 -	1237.	52.	6.
86	0000	-669	37.7185	81.9572		PPK	0.9	1.5	4.2 -	1.66	0.36 +	4.64 -	1237.	52.	5.
87	0000	-667	37.7185	81.9567		PPK	0.9	1.3	4.4 -	1.39	0.30	4.61 -	1240.	50.	4.
88	0000	-664	37.7185	81.9561		PPK	1.0	1.4	4.1 -	1.43	0.35	4.13 -	1220.	50.	3.
89	0000	-663	37.7186	81.9556		PPA-1	0.9	1.5	4.0	1.56	0.36 +	4.31 --	1178.	49.	3.
90	0000	-661	37.7186	81.9552		PPA-1	0.8	1.6	3.7 -	1.89	0.42 +	4.44 -	1121.	51.	2.
91	0000	-659	37.7186	81.9547		PPA-1	0.8	1.5	3.8	1.94	0.40 +	4.83 -	1104.	52.	2.
92	0000	-659	37.7186	81.9542		PPK	0.8 -	1.4	3.6 -	1.75	0.39 +	4.43 -	1090.	51.	3.
93	0000	-657	37.7186	81.9537		PPK	0.8 -	1.3	3.5 -	1.57	0.36 +	4.31 -	1070.	52.	5.
94	0000	-655	37.7186	81.9532		PPK	0.8 -	1.1	3.3 -	1.49	0.33	4.44 -	1035.	54.	6.
95	0000	-652	37.7186	81.9527		PPK	0.8 -	1.1 -	3.4 -	1.39	0.31	4.46 -	1010.	53.	6.
96	0000	-650	37.7186	81.9522		PPK	0.8 -	0.9 -	3.2 -	1.13	0.27	4.21 -	989.	55.	7.
97	0000	-649	37.7186	81.9517		PPK	0.8 -	0.7 --	3.1 --	0.87 -	0.22	3.99 --	970.	56.	7.
98	0000	-648	37.7186	81.9512		PPK	0.8 -	0.6 --	3.1 --	0.71 --	0.18 -	3.96 --	959.	54.	8.
99	0000	-646	37.7186	81.9507		PPK	0.8 -	0.5 ---	3.3 -	0.68 --	0.16 -	4.25 -	943.	56.	8.
100	0000	-646	37.7186	81.9503		PPK	0.8 -	0.5 --	3.5 -	0.70 --	0.16 -	4.45 -	950.	57.	8.
101	0000	-646	37.7186	81.9498		PPK	0.8 -	0.6 --	3.6 -	0.71 --	0.16 -	4.40 -	997.	56.	8.
102	0010	-644	37.7186	81.9493		PPK	0.8 -	0.3 N.A.	4.2 -	0.38 N.A.	0.08 N.A.	5.07	1038.	58.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS				* VALUES AND STATISTICAL SIGNIFICANCES														*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM		THORIUM PPM		U / K		U / TH		TH / K		GROSS CPS	COS CPS	UAIR CPS
103	0010	-642	37.7186	81.9488		PPK	0.9	0.4	N.A.	4.4	-	0.42	N.A.	0.09	N.A.	4.73		1095.	57.	9.
104	0010	-640	37.7186	81.9482		PPK	0.9	0.3	N.A.	4.4	-	0.37	N.A.	0.08	N.A.	4.65	-	1148.	55.	10.
105	0000	-639	37.7186	81.9478		PPK	1.0	0.6	--	4.5	-	0.62	--	0.13	-	4.69		1178.	55.	10.
106	0000	-638	37.7186	81.9473		PPK	0.9	0.8	-	4.2	-	0.89	-	0.20		4.53	-	1222.	54.	11.
107	0000	-636	37.7186	81.9468		PPK	0.9	0.9	-	4.0	-	1.00		0.23		4.29	-	1253.	51.	11.
108	0000	-635	37.7186	81.9463		PPK	0.9	1.2		3.9	-	1.28		0.30		4.26	-	1246.	51.	10.
109	0000	-633	37.7186	81.9458		PPK	0.9	1.5		3.3	-	1.65		0.46	++	3.60	--	1249.	49.	9.
110	0000	-629	37.7186	81.9454		PPK	0.9	1.6		3.5	-	1.86		0.47	++	3.97	--	1248.	48.	9.
111	0000	-627	37.7186	81.9449		PPK	0.9	1.6		4.0	-	1.80		0.40	+	4.53	-	1272.	48.	8.
112	0000	-627	37.7186	81.9444		PPK	0.9	1.4		4.4	-	1.47		0.31		4.69		1315.	50.	6.
113	0000	-625	37.7186	81.9439		PPK	1.0	1.3		4.6	-	1.25		0.28		4.45	-	1361.	50.	5.
114	0000	-623	37.7186	81.9433		PPK	1.2	1.4		5.2		1.19		0.27		4.39	-	1453.	50.	4.
115	1000	-621	37.7186	81.9429		PPK	1.3	1.3		5.8		0.98	-	0.23		4.30	-	1569.	51.	4.
116	1000	-619	37.7187	81.9424		PPK	1.5	+	1.3	6.6		0.86	-	0.19		4.46	-	1680.	50.	4.
117	1000	-615	37.7187	81.9419		PPK	1.6	+	1.7	6.9		1.11		0.25		4.42	-	1766.	50.	4.
118	1000	-612	37.7187	81.9414		PPK	1.6	+	2.2	6.8		1.34		0.32		4.23	-	1783.	50.	3.
119	1000	-611	37.7187	81.9409		PPK	1.6	+	2.4	+	6.8	1.56		0.36	+	4.37	-	1782.	48.	3.
120	1000	-608	37.7187	81.9404		PPK	1.6	+	2.4	+	6.9	1.56		0.35	+	4.46	-	1761.	47.	4.
121	0000	-605	37.7187	81.9399		PPK	1.4	+	2.3	+	6.7	1.60		0.35		4.62	-	1686.	48.	4.
122	0000	-603	37.7187	81.9394		PPK	1.3		2.3	+	6.4	1.74		0.36	+	4.78		1612.	47.	3.
123	0000	-601	37.7187	81.9390		PPK	1.2		2.5	+	6.1	2.02	+	0.41	+	4.98		1547.	48.	3.
124	0000	-599	37.7187	81.9384		PPK	1.2		2.1		6.2	1.72		0.33		5.15		1484.	48.	3.
125	0000	-597	37.7187	81.9379		PPK	1.2		1.8		6.6	1.48		0.28		5.37		1489.	47.	3.
126	0000	-593	37.7187	81.9375		PPK	1.3		1.7		6.5	1.36		0.27		5.11		1496.	47.	3.
127	0000	-590	37.7187	81.9370		PPK	1.3		1.7		6.7	1.34		0.26		5.19		1516.	47.	4.
128	0000	-587	37.7187	81.9365		PPK	1.3		1.7		7.2	1.32		0.24		5.50		1554.	46.	4.
129	0000	-585	37.7187	81.9360		PPK	1.3		1.5		7.6	+	1.15		0.20		5.76		1558.	45.	6.
130	0000	-583	37.7187	81.9355		PPK	1.3		1.2		7.4		0.91	-	0.17	-	5.47		1536.	46.	7.
131	0000	-581	37.7187	81.9350		PPK	1.4		1.0	-	7.0		0.75	-	0.15	-	5.13		1515.	49.	8.
132	0000	-578	37.7187	81.9345		PPK	1.3		1.0	-	6.8		0.76	-	0.14	-	5.40		1472.	49.	9.
133	0000	-576	37.7187	81.9341		PPK	1.2		0.9	-	6.6		0.72	--	0.13	-	5.46		1423.	48.	9.
134	0000	-575	37.7187	81.9335		PPK	1.2		0.9	-	6.4		0.79	-	0.15	-	5.42		1367.	50.	8.
135	0000	-574	37.7187	81.9330		PPK	1.2		0.9	-	5.8		0.75	-	0.15	-	5.02		1296.	51.	8.
136	0000	-572	37.7187	81.9326		PPK	1.1		0.9	-	5.5		0.87	-	0.17	-	5.00		1231.	53.	6.
137	0000	-572	37.7187	81.9321		PPK	1.0		0.9	-	5.1	-	0.94	-	0.18	-	5.21		1158.	52.	5.
138	0000	-570	37.7187	81.9316		PPK	0.9		1.0	-	5.0		1.16		0.21		5.58		1095.	51.	4.
139	0000	-568	37.7187	81.9310		PPK	0.8	-	1.1	-	4.4	-	1.32		0.24		5.49		1010.	53.	3.
140	0000	-568	37.7187	81.9305		PPK	0.7	-	1.1	-	4.1	-	1.58		0.27		5.79		952.	54.	2.
141	0000	-567	37.7187	81.9301		PPK	0.6	--	1.0	-	3.9	-	1.60		0.25		6.30	+	889.	54.	2.
142	0000	-567	37.7187	81.9296		PPK	0.5	--	1.0	-	3.5	-	1.95	+	0.28		6.93	+	833.	52.	3.
143	0000	-567	37.7187	81.9291		PPK	0.5	---	1.2		3.0	--	2.57	+	0.39	+	6.63	+	791.	53.	3.
144	0000	-566	37.7187	81.9286		PPK	0.4	---	1.2		3.2	--	2.77	++	0.38	+	7.21	++	771.	52.	4.
145	0000	-564	37.7187	81.9281		PPK	0.4	---	1.1		3.2	--	2.83	++	0.34		8.30	+++	768.	52.	6.
146	0000	-563	37.7187	81.9276		PPK	0.4	---	1.2		3.1	--	2.83	++	0.38	+	7.46	++	782.	51.	7.
147	0000	-560	37.7187	81.9272		PPK	0.4	---	1.1		3.1	--	2.54	+	0.35	+	7.21	++	795.	52.	8.
148	0000	-558	37.7187	81.9267		PPK	0.5	---	0.9	-	3.4	-	2.04	+	0.27		7.47	++	831.	52.	9.
149	0000	-558	37.7187	81.9261		PPK	0.5	--	0.8	-	3.6	-	1.46		0.22		6.60	+	875.	53.	9.
150	0000	-556	37.7187	81.9256		PPK	0.6	--	0.7	--	3.5	-	1.32		0.21		6.21		902.	54.	10.
151	0000	-554	37.7187	81.9251		PPK	0.6	--	0.7	--	3.4	-	1.27		0.22		5.79		915.	54.	9.
152	0000	-553	37.7187	81.9247		PPK	0.6	--	0.8	-	3.1	--	1.38		0.27		5.06		911.	55.	8.
153	0000	-551	37.7187	81.9242		PPK	0.6	--	0.7	--	3.1	--	1.06		0.22		4.86		904.	55.	8.

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM FCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
		TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
154	0000	-550	37.7187	81.9237		PPK	0.6 --	0.7 --	3.0 --	1.15	0.23	4.94	876.	54.	8.
155	0000	-547	37.7187	81.9232		PPK	0.6 --	0.8 -	3.0 --	1.31	0.25	5.18	850.	53.	7.
156	0000	-546	37.7187	81.9227		PPK	0.5 --	0.8 -	2.9 --	1.55	0.28	5.49	820.	52.	7.
157	0000	-544	37.7187	81.9222		PPK	0.5 ---	0.9 -	2.9 --	1.87	0.31	6.09	788.	53.	6.
158	0000	-543	37.7187	81.9217		PPK	0.5 --	0.9 -	2.7 --	1.72	0.32	5.38	783.	53.	7.
159	0000	-542	37.7188	81.9212		PPK	0.5 --	0.8 -	3.0 --	1.58	0.27	5.75	775.	52.	7.
160	0000	-539	37.7188	81.9207		PPK	0.5 ---	0.7 --	3.1 --	1.48	0.24	6.15	767.	54.	7.
161	0000	-537	37.7188	81.9202		PPK	0.5 --	0.7 --	3.3 -	1.35	0.21	6.46 +	783.	56.	7.
162	0000	-535	37.7188	81.9198		PPK	0.5 --	0.5 --	3.3 -	1.00 -	0.16 -	6.11	787.	58.	7.
163	0000	-533	37.7188	81.9193		PPK	0.6 --	0.7 --	3.2 --	1.17	0.21	5.55	803.	59.	7.
164	0000	-531	37.7188	81.9187		PPK	0.6 --	0.7 --	3.5 -	1.12	0.20	5.56	850.	57.	6.
165	0000	-529	37.7188	81.9182		PPK	0.6 --	0.7 --	4.1 -	1.12	0.17 -	6.50 +	875.	58.	5.
166	0000	-527	37.7188	81.9178		PPK	0.7 -	0.7 --	4.2 -	1.06	0.17 -	6.19	918.	59.	5.
167	0000	-526	37.7188	81.9173		PPK	0.8 -	0.8 -	4.[illegible] -	1.08	0.19	5.61	983.	56.	4.
168	0000	-52[illegible]	37.7188	81.9168		PPK	0.8 -	0.9 -	4.[illegible]	1.12	0.22	5.05	1032.	55.	4.
169	0000	-521	37.7188	81.9163		PPK	0.9	1.3	3.[illegible] -	1.53	0.35	4.40 -	1087.	52.	3.
170	0000	-517	37.7188	81.9158		PPK	0.9	1.4	4.3 -	1.49	0.32	4.70	1129.	51.	2.
171	0000	-516	37.7188	81.915[illegible]		PPK	1.0	1.2	4.7	1.25	0.26	4.75	1167.	49.	1.
172	0000	-515	37.7188	81.9149		PPK	1.1	1.2	4.9	1.16	0.25	4.60 -	1223.	48.	1.
173	0000	-513	37.7188	81.9144		PPK	1.1	1.4	5.3	1.20	0.26	4.66 -	1255.	46.	1.
174	0000	-513	37.7188	81.9138		PPK	1.1	1.4	5.4	1.21	0.26	4.75	1271.	45.	0.
175	0000	-512	37.7188	81.9133		PPK	1.1	1.4	5.4	1.21	0.26	4.74	1283.	45.	1.
176	0000	-510	37.7188	81.9128		PPK	1.1	1.4	5.6	1.24	0.25	5.03	1311.	46.	1.
177	0000	-508	37.7188	81.9124		PPK	1.2	1.3	5.0	1.09	0.22	4.99	1360.	47.	2.
178	0000	-506	37.7188	81.9119		PPK	1.3	1.3	5.7	1.07	0.23	4.55 -	1382.	50.	3.
179	0000	-504	37.7188	81.9114		PPK	1.2	1.6	5.5	1.25	0.28	4.41 -	1386.	50.	3.
180	0000	-502	37.7188	81.9109		PPK	1.2	1.6	5.1	1.36	0.32	4.22 -	1376.	52.	3.
181	0000	-500	37.7188	81.9104		PPK	1.2	1.6	5.0	1.34	0.32	4.25 -	1355.	52.	3.
182	0000	-499	37.7188	81.9099		PPK	1.2	1.4	5.0	1.19	0.28	4.24 -	1344.	51.	4.
183	0000	-499	37.7188	81.9094		PPK	1.2	1.4	5.0	1.16	0.27	4.23 -	1309.	50.	4.
184	0000	-498	37.7189	81.9089		PPK	1.1	1.4	5.0	1.25	0.28	4.47 -	1262.	49.	4.
185	0000	-496	37.7189	81.9084		PPK	1.0	1.4	4.8	1.36	0.30	4.59 -	1230.	47.	4.
186	0000	-493	37.7189	81.9079		PPK	1.0	1.1	4.8	1.07	0.23	4.68 -	1196.	47.	5.
187	0000	-493	37.7189	81.9074		PPK	1.1	1.0 -	4.9	1.00	0.21	4.70	1213.	47.	6.
188	0000	-492	37.7189	81.9070		PPK	1.0	1.1	5.0	1.03	0.21	4.81	1243.	48.	6.
189	0000	-490	37.7189	81.9064		PPK	1.1	1.2	5.0	1.07	0.24	4.55 -	1284.	52.	6.
190	0000	-489	37.7189	81.9060		PPK	1.1	1.3	4.8	1.18	0.28	4.26 -	1321.	54.	7.
191	0000	-488	37.7189	81.9055		PPK	1.2	1.4	5.3	1.19	0.27	4.35 -	1406.	53.	7.
192	0000	-486	37.7189	81.90[illegible]		PPK	1.3	1.6	5.6	1.19	0.28	4.31 -	1509.	54.	7.
193	1000	-485	37.7189	81.9045		PPK	1.4	2.2 +	5.9	1.64	0.38 +	4.35 -	1618.	51.	7.
194	1000	-483	37.7189	81.9040		PPK	1.4	2.4 +	5.8	1.72	0.41 +	4.20 -	1664.	51.	7.
195	1000	-481	37.7189	81.9035		PPK	1.5 +	2.5 +	6.0	1.67	0.41 +	4.10 -	1699.	50.	7.
196	1000	-480	37.7189	81.9030		PPK	1.5 +	2.6 +	6.3	1.78	0.42 +	4.25 -	1729.	47.	6.
197	1000	-481	37.7189	81.9025		PPK	1.5 +	2.5 +	6.6	1.69	0.37 +	4.56 -	1752.	48.	5.
198	0000	-480	37.7189	81.9021		PPK	1.4	2.3 +	6.1	1.65	0.37 +	4.44 -	1709	50.	6.
199	0000	-477	37.7189	81.9015		PPK	1.[illegible]	2.1	6.2	1.51	0.33	4.51 -	1633.	48.	6.
200	0000	-476	37.7189	81.9010		PPK	1.3	1.5	5.8	1.12	0.26	4.36 -	1554.	48.	6.
201	0000	-475	37.7189	81.9005		PPK	1.3	1.3	6.0	1.03	0.22	4.61 -	1512.	47.	6.
202	0000	-474	37.7189	81.9001		PPK	1.2	1.4	5.7	1.13	0.25	4.62 -	1487.	46.	6.
203	0000	-476	37.7189	81.8996		PPK	1.2	1.3	6.1	1.07	0.21	5.10	1464.	47.	6.
204	0000	-475	37.7189	81.8991		PPK	1.2	1.4	6.3	1.17	0.23	5.10	1479.	44.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-474	37.7189	81.8986	PPK	1.3	1.5	6.3	1.21	0.25	4.89	1501.	42.	5.
206	0000	-475	37.7189	81.8981	PPK	1.2	1.7	6.0	1.34	0.28	4.86	1518.	46.	5.
207	0000	-475	37.7189	81.8976	PPK	1.2	1.8	6.1	1.42	0.29	4.93	1548.	48.	5.
208	0000	-477	37.7189	81.8970	PPK	1.3	1.8	6.1	1.37	0.29	4.79	1569.	48.	5.
209	0000	-478	37.7189	81.8966	PPK	1.3	1.7	6.3	1.35	0.27	5.03	1558.	49.	6.
210	0000	-476	37.7189	81.8961	PPK	1.3	1.6	5.8	1.24	0.27	4.60 -	1523.	49.	6.
211	0000	-476	37.7189	81.8956	PPK	1.2	1.6	5.5	1.23	0.26	4.70	1435.	52.	7.
212	0000	-477	37.7189	81.8951	PPK	1.1	1.4	5.2	1.32	0.27	4.92	1350.	51.	7.
213	0000	-478	37.7189	81.8946	PPK	1.0	1.4	4.8	1.46	0.29	4.98	1280.	50.	6.
214	0000	-478	37.7189	81.8942	PPK	0.9	1.3	4.7	1.42	0.28	4.99	1211.	51.	5.
215	0000	-478	37.7189	81.8937	PPK	0.9	1.4	4.6 -	1.56	0.30	5.26	1151.	52.	4.
216	0000	-478	37.7189	81.8932	PPK	0.9	1.4	4.5 -	1.58	0.31	5.14	1122.	54.	2.
217	0000	-477	37.7189	81.8927	PPK	0.9	1.5	4.8	1.76	0.32	5.46	1127.	54.	1.
218	0000	-477	37.7189	81.8921	PPK	0.9	1.6	4.9	1.72	0.33	5.26	1165.	51.	1.
219	0000	-477	37.7189	81.8917	PPK	1.0	1.6	5.1	1.57	0.30	5.17	1169.	53.	1.
220	0000	-476	37.7189	81.8912	PPK	1.0	1.5	5.5	1.46	0.27	5.48	1165.	51.	2.
221	0000	-475	37.7189	81.8907	PPK	1.0	1.5	5.3	1.56	0.29	5.41	1142.	50.	2.
222	0000	-474	37.7189	81.8902	PPK	1.0	1.4	5.2	1.43	0.27	5.38	1139.	49.	4.
223	0000	-473	37.7189	81.8897	PPK	0.9	1.1	5.1	1.17	0.22	5.36	1119.	46.	6.
224	0000	-474	37.7189	81.8892	PPK	0.9	1.0 -	4.3 -	1.05	0.22	4.80	1081.	47.	9.
225	0000	-476	37.7189	81.8887	PPK	0.9	0.7 --	4.1 -	0.75 -	0.17 -	4.56 -	1056.	51.	11.
226	0000	-475	37.7189	81.8882	PPK	0.9	0.7 --	3.8 -	0.80 -	0.18 -	4.43 -	1091.	51.	13.
227	0000	-473	37.7189	81.8878	PPK	0.9	0.5 --	4.0 -	0.60 --	0.14 -	4.41 -	1131.	48.	14.
228	0000	-472	37.7189	81.8872	PPK	0.9	0.5 ---	4.0 -	0.55 --	0.13 -	4.33 -	1176.	49.	16.
229	0010	-472	37.7190	81.8868	PPK	0.9	0.4 N.A.	4.2 -	0.39 N.A.	0.08 N.A.	4.71	1187.	52.	16.
230	0010	-472	37.7190	81.8863	PPK	0.9	0.5 N.A.	4.4 -	0.57 N.A.	0.12 N.A.	4.92	1219.	53.	15.
231	0010	-470	37.7190	81.8858	PPK	1.0	0.4 N.A.	5.1	0.37 N.A.	0.07 N.A.	5.29	1249.	53.	14.
232	0010	-469	37.7190	81.8853	PPK	0.9	0.4 N.A.	5.1	0.48 N.A.	0.09 N.A.	5.44	1272.	52.	12.
233	0010	-470	37.7190	81.8848	PPK	1.0	0.3 N.A.	5.7	0.27 N.A.	0.04 N.A.	6.01	1277.	53.	11.
234	0000	-470	37.7190	81.8842	PPK	1.0	0.6 --	5.8	0.56 --	0.10 --	5.88	1318.	56.	10.
235	0000	-467	37.7190	81.8838	PPK	1.0	0.7 --	6.2	0.64 --	0.11 -	5.94	1364.	55.	9.
236	0000	-466	37.7190	81.8833	PPK	1.1	0.9 -	6.3	0.81 -	0.14 -	5.78	1446.	52.	9.
237	0000	-467	37.7190	81.8828	PPK	1.1	1.2	5.3	1.08	0.19	5.60	1510.	52.	9.
238	0000	-466	37.7190	81.8823	PPK	1.2	1.5	6.4	1.31	0.24	5.56	1556.	51.	8.
239	0000	-464	37.7190	81.8818	PPK	1.2	1.4	6.6	1.18	0.21	5.59	1558.	48.	9.
240	0000	-464	37.7190	81.8814	PPK	1.2	1.8	6.1	1.47	0.30	4.98	1570.	45.	9.
241	0000	-464	37.7190	81.8809	PPK	1.2	1.5	6.1	1.22	0.24	5.03	1546.	46.	9.
242	0000	-463	37.7190	81.8804	PPK	1.2	1.2	6.2	0.96 -	0.19	5.02	1541.	45.	11.
243	0000	-462	37.7190	81.8798	PPK	1.3	1.0 -	6.0	0.76 -	0.16 -	4.68 -	1528.	44.	12.
244	0010	-461	37.7190	81.8793	PPK	1.4	0.5 N.A.	6.6	0.39 N.A.	0.08 N.A.	4.78	1515.	42.	12.
245	0010	-460	37.7190	81.8789	PPK	1.3	0.7 N.A.	6.8	0.52 N.A.	0.10 N.A.	5.18	1532.	41.	13.
246	0000	-459	37.7190	81.8784	PPK	1.4 +	0.9 -	6.7	0.61 --	0.13 -	4.67 -	1601.	42.	13.
247	0010	-458	37.7190	81.8779	PPK	1.5 +	0.6 N.A.	7.4	0.38 N.A.	0.08 N.A.	5.07	1674.	41.	14.
248	0010	-456	37.7190	81.8774	PPK	1.5 +	0.6 N.A.	7.7 +	0.43 N.A.	0.08 N.A.	5.10	1767.	39.	14.
249	1000	-456	37.7190	81.8769	PPK	1.5 +	1.4	8.4 +	0.92 -	0.17 -	5.52	1892.	38.	13.
250	1000	-454	37.7190	81.8764	PPK	1.5 +	1.8	8.5 +	1.22	0.22	5.64	1920.	40.	11.
251	1000	-456	37.7190	81.8760	PPK	1.4 +	2.4 +	7.9 +	1.63	0.30	5.50	1944.	41.	10.
252	0000	-456	37.7190	81.8755	PPK	1.5 +	2.2 +	7.9 +	1.49	0.29	5.22	1960.	43.	9.
253	0000	-454	37.7190	81.8749	PPK	1.5 +	2.2 +	8.1 +	1.53	0.28	5.52	1953.	44.	7.
254	0000	-454	37.7191	81.8744	PPK	1.5 +	2.7 +	7.5	1.86	0.36 +	5.17	1928.	44.	5.
255	0000	-454	37.7191	81.8740	PPK	1.4 +	2.9 +	7.3	1.99 +	0.39 +	5.10	1880.	47.	4.

CP9 1P12

CP9 1P17

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-454	37.7191	81.8735	PPK	1.4	2.5 +	6.8	1.78	0.37 +	4.79	1775.	47.	3.
257	0000	-455	37.7191	81.8730	PPK	1.5 +	2.2 +	7.1	1.51	0.31	4.83	1752.	46.	3.
258	0000	-456	37.7191	81.8725	PPK	1.5 +	1.8	7.1	1.22	0.26	4.75	1728.	47.	4.
259	0000	-455	37.7191	81.8720	PPK	1.4	1.8	6.6	1.28	0.27	4.68 -	1675.	47.	5.
260	0000	-455	37.7191	81.8715	PPK	1.4	1.8	6.5	1.29	0.27	4.72	1637.	47.	5.
261	0000	-455	37.7191	81.8710	PPK	1.3	1.5	6.2	1.15	0.24	4.72	1586.	46.	6.
262	0000	-455	37.7191	81.8705	PPK	1.3	1.5	6.0	1.16	0.25	4.66 -	1542.	43.	6.
263	0000	-454	37.7191	81.8700	PPK	1.3	1.4	5.8	1.14	0.25	4.61 -	1490.	44.	6.
264	0000	-454	37.7191	81.8695	PPK	1.2	1.5	5.4	1.25	0.28	4.48 -	1439.	42.	5.
265	0000	-454	37.7191	81.8690	PPK	1.1	1.6	5.3	1.45	0.31	4.74	1377.	43.	4.
266	0000	-454	37.7191	81.8686	PPK	1.1	1.6	5.2	1.46	0.30	4.81	1336.	42.	4.
267	0000	-456	37.7191	81.8681	PPK	1.0	1.6	5.0	1.50	0.31	4.82	1288.	42.	4.
268	0000	-456	37.7191	81.8676	PPK	1.0	1.5	5.1	1.48	0.30	4.88	1243.	44.	3.
269	0000	-455	37.7191	81.8671	PPK	1.0	1.5	5.1	1.46	0.29	5.13	1204.	46.	4.
270	0000	-456	37.7191	81.8665	PPK	1.0	1.3	4.8	1.39	0.28	4.97	1185.	47.	4.
271	0000	-455	37.7191	81.8661	PPK	1.0	1.1	5.1	1.16	0.22	5.24	1179.	47.	5.
272	0000	-456	37.7191	81.8656	PPK	1.0	1.1	5.1	1.11	0.21	5.22	1193.	46.	5.
273	0000	-458	37.7191	81.8651	PPK	1.0	1.0 -	5.1	0.97 -	0.20	4.96	1220.	47.	6.
274	0000	-457	37.7191	81.8646	PPK	1.1	1.0 -	5.1	0.94 -	0.20	4.80	1263.	46.	8.
275	0000	-455	37.7191	81.8641	PPK	1.1	1.1	5.7	1.00	0.19	5.14	1348.	46.	8.
276	0000	-455	37.7191	81.8637	PPK	1.2	1.1 -	5.9	0.87 -	0.18 -	4.83	1443.	45.	9.
277	0000	-453	37.7191	81.8632	PPK	1.3	1.0 -	6.3	0.74 -	0.16 -	4.73	1566.	47.	10.
278	0000	-454	37.7191	81.8626	PPK	1.4	1.6	6.7	1.11	0.23	4.74	1713.	46.	11.
279	0000	-454	37.7191	81.8621	PPK	1.5 +	1.4	7.5	0.90 -	0.18 -	4.92	1812.	44.	13.
280	0000	-453	37.7191	81.8616	PPK	1.6 +	1.4	8.0 +	0.90 -	0.18 -	5.11	1876.	44.	13.
281	0000	-453	37.7191	81.8612	PPK	1.6 +	1.4	8.1 +	0.85 -	0.17 -	5.11	1906.	43.	13.
282	0000	-453	37.7191	81.8607	PPK	1.6 +	1.1	8.0 +	0.70 --	0.14 -	4.95	1883.	44.	14.
283	0000	-451	37.7191	81.8602	PPK	1.6 +	1.1	8.0 +	0.73 -	0.14 -	5.13	1839.	44.	14.
284	0000	-450	37.7191	81.8597	PPK	1.5 +	1.2	7.5	0.79 -	0.16 -	4.87	1755.	42.	13.
285	0000	-450	37.7191	81.8592	PPK	1.5 +	0.8 -	7.0	0.55 --	0.11 -	4.77	1652.	43.	13.
286	0000	-447	37.7191	81.8587	PPK	1.4	1.1	6.3	0.83 -	0.18 -	4.63 -	1611.	44.	10.
287	0000	-448	37.7191	81.8582	PPK	1.4	1.2	6.4	0.89 -	0.19	4.61 -	1621.	44.	9.
288	0000	-450	37.7191	81.8577	PPK	1.4	1.5	6.4	1.06	0.23	4.63 -	1628.	45.	8.
289	0000	-447	37.7191	81.8572	PPK	1.3	1.6	6.2	1.18	0.26	4.62 -	1643.	46.	7.
290	0000	-446	37.7191	81.8567	PPK	1.4	1.8	6.0	1.31	0.30	4.37 -	1655.	45.	6.
291	0000	-448	37.7191	81.8562	PPK	1.4	1.7	7.0	1.21	0.24	5.00	1713.	45.	5.
292	0000	-448	37.7191	81.8558	PPK	1.5 +	1.8	7.5	1.21	0.24	5.01	1788.	46.	4.
293	0000	-447	37.7191	81.8552	PPK	1.6 +	1.6	8.4 +	1.03	0.20	5.26	1856.	45.	5.
294	0000	-446	37.7191	81.8548	PPK	1.6 +	1.8	8.5 +	1.18	0.22	5.38	1861.	47.	5.
295	0000	-446	37.7191	81.8543	PPK	1.6 +	1.7	8.4 +	1.11	0.21	5.38	1853.	47.	5.
296	0000	-447	37.7191	81.8538	PPK	1.6 +	2.0	8.5 +	1.24	0.23	5.41	1851.	46.	4.
297	0000	-447	37.7191	81.8533	PPK	1.5 +	1.7	8.7 +	1.09	0.19	5.61	1838.	47.	4.
298	0000	-447	37.7191	81.8528	PPK	1.5 +	1.8	7.8 +	1.25	0.23	5.37	1785.	49.	4.
299	0000	-448	37.7191	81.8523	PPK	1.4	1.8	7.6 +	1.33	0.24	5.55	1705.	50.	4.
300	0000	-449	37.7191	81.8518	PPK	1.3	1.8	6.6	1.42	0.28	5.11	1601.	52.	4.
301	0000	-447	37.7192	81.8513	PPK	1.3	1.5	6.2	1.21	0.25	4.92	1527.	54.	4.
302	0000	-447	37.7192	81.8509	PPK	1.2	1.4	6.3	1.19	0.23	5.18	1468.	54.	3.
303	0000	-448	37.7192	81.8504	PPK	1.1	1.3	5.6	1.15	0.24	4.86	1408.	55.	3.
304	0000	-446	37.7192	81.8498	PPK	1.1	1.6	5.4	1.45	0.29	5.01	1357.	54.	2.
305	0000	-447	37.7192	81.8493	PPK	1.0	1.5	5.3	1.49	0.29	5.13	1300.	53.	2.
306	0000	-448	37.7192	81.8488	PPK	1.0	1.6	4.8	1.65	0.33	4.94	1241.	53.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-447	37.7192	81.8484	PPK	0.9	1.5	4.6 -	1.56	0.31	4.97	1172.	52.	1.
308	0000	-448	37.7192	81.8479	PPK	0.9	1.4	4.2 -	1.63	0.33	4.90	1101.	50.	0.
309	0000	-448	37.7192	81.8474	PPK	0.8 -	1.3	3.9 -	1.66	0.34	4.91	1029.	50.	0.
310	0000	-448	37.7192	81.8469	PPK	0.8 -	1.0 -	4.1 -	1.35	0.25	5.38	970.	50.	1.
311	0000	-449	37.7192	81.8464	PPK	0.7 -	0.9 -	3.7 -	1.21	0.24	5.00	914.	50.	2.
312	0000	-449	37.7192	81.8460	PPK	0.7 -	0.7 --	3.4 -	1.08	0.22	4.92	867.	50.	2.
313	0000	-449	37.7192	81.8455	PPK	0.7 -	0.5 ---	2.9 --	0.71 --	0.16 -	4.40 -	815.	51.	3.
314	0000	-449	37.7192	81.8449	PPK	0.6 --	0.6 --	2.6 --	0.95 -	0.22	4.33 -	791.	52.	4.
315	0000	-450	37.7192	81.8444	PPK	0.6 --	0.6 --	2.5 --	1.10	0.26	4.21 -	779.	52.	5.
316	0000	-451	37.7192	81.8439	PPK	0.6 --	0.6 --	2.3 --	1.09	0.28	3.91 --	784.	51.	7.
317	0000	-451	37.7192	81.8435	PPK	0.6 --	0.7 --	2.3 --	1.24	0.31	3.99 --	796.	52.	7.
318	0000	-451	37.7192	81.8430	PPK	0.6 --	0.7 --	2.4 --	1.13	0.29	3.90 --	810.	52.	8.
319	0000	-451	37.7192	81.8425	PPK	0.7 -	0.7 --	2.6 --	1.01	0.26	3.91 --	823.	53.	9.
320	0000	-451	37.7192	81.8420	PPK	0.6 --	0.8 -	2.8 --	1.20	0.28	4.33 -	857.	52.	9.
321	0000	-453	37.7192	81.8415	PPK	0.6 -	0.6 --	3.3 -	0.98 -	0.19	5.13	887.	50.	8.
322	0000	-452	37.7192	81.8409	PPK	0.7 -	0.7 --	3.7 -	1.06	0.19	5.56	932.	48.	9.
323	0000	-450	37.7192	81.8405	PPK	0.7 -	0.7 --	3.9 -	1.05	0.19 -	5.66	965.	50.	8.
324	0000	-450	37.7192	81.8400	PPK	0.7 -	0.8 -	4.1 -	1.06	0.19 -	5.69	991.	50.	8.
325	0000	-449	37.7192	81.8395	PPK	0.7 -	0.8 -	4.4 -	1.16	0.19	6.15	1044.	51.	8.
326	0000	-448	37.7192	81.8390	PPK	0.7 -	1.0 -	4.6 -	1.32	0.21	6.28 +	1108.	50.	7.
327	0000	-447	37.7192	81.8385	PPK	0.8 -	1.0 -	4.9	1.17	0.20	5.97	1175.	52.	7.
328	0000	-447	37.7192	81.8381	PPK	0.9	1.2	4.9	1.24	0.24	5.20	1243.	52.	8.
329	0000	-447	37.7192	81.8376	PPK	1.0	1.1 -	5.1	1.05	0.21	5.11	1287.	55.	8.
330	0000	-447	37.7192	81.8371	PPK	1.0	1.3	5.5	1.25	0.24	5.31	1338.	54.	7.
331	0000	-447	37.7192	81.8365	PPK	1.1	1.3	5.4	1.18	0.23	5.09	1353.	53.	7.
332	0000	-447	37.7193	81.8360	PPK	1.1	1.4	5.5	1.29	0.26	5.04	1359.	50.	6.
333	0000	-445	37.7193	81.8356	PPK	1.1	1.6	5.2	1.43	0.30	4.78	1360.	49.	5.
334	0000	-443	37.7193	81.8351	PPK	1.1	1.6	5.4	1.51	0.30	4.96	1365.	46.	4.
335	0000	-444	37.7193	81.8346	PPK	1.0	1.6	5.3	1.51	0.29	5.15	1348.	50.	3.
336	0000	-443	37.7193	81.8341	PPK	1.0	1.6	5.4	1.50	0.29	5.18	1365.	48.	3.
337	0000	-442	37.7193	81.8336	PPK	1.1	1.5	4.9	1.40	0.31	4.51 -	1364.	49.	3.
338	0000	-443	37.7193	81.8332	PPK	1.1	1.6	5.1	1.39	0.31	4.48 -	1394.	51.	2.
339	0000	-443	37.7193	81.8326	PPK	1.2	1.6	5.0	1.31	0.31	4.21 -	1422.	51.	2.
340	0000	-442	37.7193	81.8321	PPK	1.2	1.3	5.4	1.10	0.25	4.41 -	1446.	53.	2.
341	0000	-441	37.7193	81.8316	PPK	1.3	1.6	5.5	1.25	0.28	4.38 -	1465.	53.	2.
342	0000	-441	37.7193	81.8312	PPK	1.3	1.7	5.7	1.24	0.29	4.24 -	1512.	51.	2.
343	0000	-441	37.7193	81.8307	PPK	1.4	2.0	5.9	1.44	0.34	4.24 -	1562.	51.	2.
344	0000	-440	37.7193	81.8302	PPK	1.5 +	1.9	6.8	1.29	0.28	4.63 -	1635.	50.	1.
345	0000	-441	37.7193	81.8297	PPK	1.5 +	2.1	6.8	1.40	0.31	4.57 -	1673.	48.	0.
346	0000	-441	37.7193	81.8292	PPK	1.5 +	2.2	7.1	1.45	0.30	4.77	1676.	49.	0.
347	0000	-440	37.7193	81.8287	PPK	1.4 +	2.4 +	6.9	1.66	0.35	4.77	1673.	48.	0.
348	0000	-440	37.7193	81.8282	PPK	1.4 +	2.1	7.1	1.50	0.30	4.99	1650.	48.	0.
349	0000	-440	37.7192	81.8277	PPK	1.4	2.0	7.1	1.48	0.29	5.17	1611.	47.	0.
350	0000	-440	37.7193	81.8272	PPK	1.3	1.7	6.6	1.25	0.26	4.86	1547.	47.	1.
351	0000	-440	37.7193	81.8266	PPK	1.3	1.7	6.2	1.33	0.27	4.98	1486.	46.	1.
352	0000	-440	37.7193	81.8261	PPK	1.2	1.4	6.2	1.18	0.23	5.10	1471.	46.	3.
353	0000	-442	37.7193	81.8256	PPK	1.2	1.5	6.2	1.21	0.24	5.04	1473.	46.	3.
354	0000	-443	37.7193	81.8250	PPK	1.3	1.4	6.5	1.09	0.21	5.13	1501.	45.	4.
355	0000	-443	37.7192	81.8245	PPK	1.3	1.5	6.2	1.15	0.24	4.88	1520.	49.	5.
356	0000	-443	37.7192	81.8241	PPK	1.3	1.5	6.4	1.19	0.24	5.01	1554.	48.	6.
357	0000	-443	37.7192	81.8234	PPK	1.3	1.5	7.1	1.19	0.21	5.54	1616.	48.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-444	37.7192	81.8230	PPK	1.3	1.7	7.0	1.29	0.24	5.28	1637.	49.	6.
359	0000	-445	37.7192	81.8225	PPK	1.3	1.8	6.6	1.39	0.28	4.98	1604.	51.	6.
360	0000	-444	37.7192	81.8219	PPK	1.3	1.6	6.7	1.25	0.24	5.17	1581.	51.	5.
361	0000	-444	37.7192	81.8214	PPK	1.3	1.6	6.4	1.21	0.24	4.98	1563.	50.	5.
362	0000	-446	37.7192	81.8209	PPK	1.3	1.6	6.5	1.21	0.25	4.89	1579.	47.	5.
363	0000	-446	37.7192	81.8203	PPK	1.4	1.6	6.3	1.13	0.25	4.57 -	1605.	47.	5.
364	0000	-445	37.7192	81.8198	PPK	1.5 +	1.5	6.2	1.05	0.24	4.30 -	1632.	47.	5.
365	0000	-447	37.7192	81.8192	PPK	1.5 +	1.5	6.3	0.99 -	0.23	4.23 -	1656.	48.	5.
366	0000	-447	37.7192	81.8187	PPK	1.5 +	1.4	6.5	0.95 -	0.22	4.37 -	1691.	47.	5.
367	0000	-445	37.7192	81.8183	PPK	1.5 +	1.5	6.2	0.99 -	0.23	4.21 -	1703.	47.	5.
368	0000	-444	37.7192	81.8178	PPK	1.5 +	1.3	6.4	0.92 -	0.21	4.35 -	1681.	50.	4.
369	0000	-444	37.7192	81.8172	PPK	1.4	1.3	6.2	0.92 -	0.21	4.43 -	1624.	50.	4.
370	0000	-443	37.7192	81.8167	PPK	1.3	1.3	6.1	0.98 -	0.21	4.72	1538.	50.	4.
371	0000	-443	37.7192	81.8162	PPK	1.1	1.3	5.1	1.13	0.25	4.60 -	1407.	50.	4.
372	0000	-445	37.7192	81.8156	PPK	1.0	1.0 -	4.9	1.03	0.21	4.87	1295.	49.	5.
373	0000	-446	37.7192	81.8151	PPK	0.9	1.0 -	4.7	1.12	0.22	5.13	1219.	49.	5.
374	0000	-447	37.7192	81.8145	PPK	0.9	0.8 -	4.5 -	0.96 -	0.19 -	5.12	1165.	49.	6.
375	0000	-447	37.7192	81.8140	PPK	0.9	1.0 -	4.1 -	1.18	0.25	4.67 -	1144.	48.	7.
376	0000	-446	37.7191	81.8136	PPK	0.8 -	1.1	3.8 -	1.37	0.30	4.62 -	1142.	48.	7.
377	0000	-447	37.7191	81.8130	PPK	0.9	1.2	4.1 -	1.24	0.29	4.31 -	1180.	47.	8.
378	0000	-451	37.7191	81.8125	PPK	1.0	1.3	4.7	1.30	0.28	4.59 -	1256.	47.	7.
379	0000	-452	37.7191	81.8120	PPK	1.1	1.8	5.2	1.57	0.34	4.64 -	1381.	51.	7.
380	0000	-451	37.7191	81.8115	PPK	1.2	1.8	5.8	1.48	0.31	4.82	1459.	53.	7.
381	0000	-451	37.7192	81.8109	PPK	1.3	2.0	5.9	1.52	0.33	4.63 -	1531.	51.	6.
382	0000	-449	37.7192	81.8104	PPK	1.3	2.0	6.4	1.55	0.31	4.96	1546.	52.	4.
383	0000	-449	37.7191	81.8098	PPK	1.3	1.8	6.7	1.36	0.27	5.00	1532.	53.	4.
384	0000	-451	37.7191	81.8094	PPK	1.3	1.8	6.4	1.47	0.29	5.12	1485.	55.	3.
385	0000	-450	37.7191	81.8088	PPK	1.2	1.8	6.1	1.47	0.29	5.05	1434.	54.	2.
386	0000	-448	37.7191	81.8082	PPK	1.2	1.5	5.6	1.27	0.27	4.75	1342.	53.	1.
387	0000	-449	37.7191	81.8078	PPK	1.2	1.5	5.2	1.24	0.28	4.41 -	1289.	51.	1.
388	0000	-450	37.7191	81.8073	PPK	1.1	1.4	5.2	1.23	0.26	4.63 -	1231.	53.	0.
389	0000	-450	37.7191	81.8067	PPK	1.1	1.1	4.9	1.05	0.23	4.53 -	1190.	54.	0.
390	0000	-452	37.7191	81.8062	PPK	1.0	1.1	4.6 -	1.05	0.24	4.41 -	1169.	51.	0.
391	0000	-453	37.7191	81.8057	PPK	1.0	1.0 -	4.7	1.00 -	0.22	4.60 -	1153.	50.	0.
392	0000	-453	37.7191	81.8051	PPK	1.0	1.0 -	4.6 -	1.03	0.23	4.58 -	1113.	50.	0.
393	0000	-454	37.7191	81.8047	PPK	0.9	1.0 -	4.7	1.08	0.21	5.27	1055.	49.	0.
394	0000	-455	37.7191	81.8041	PPK	0.8 -	1.0 -	4.4 -	1.18	0.22	5.44	1008.	48.	0.
395	0000	-454	37.7191	81.8035	PPK	0.7 -	1.0 -	4.1 -	1.30	0.24	5.51	966.	48.	1.
396	0000	-454	37.7191	81.8031	PPK	0.7 -	1.0 -	4.2 -	1.37	0.24	5.80	935.	49.	1.
397	0000	-456	37.7190	81.8026	PPK	0.7 -	1.0 -	4.0 -	1.46	0.24	6.03	905.	52.	1.
398	0000	-456	37.7190	81.8020	PPK	0.6 --	0.9 -	3.7 -	1.41	0.24	5.84	879.	53.	2.
399	0000	-456	37.7190	81.8015	PPK	0.6 --	0.8 -	3.7 -	1.36	0.22	6.22 +	874.	54.	3.
400	0000	-458	37.7190	81.8010	PPK	0.6 --	0.8 -	3.7 -	1.33	0.22	5.97	897.	52.	3.
401	0000	-458	37.7190	81.8004	PPK	0.6 -	0.8 -	3.7 -	1.20	0.21	5.66	911.	53.	3.
402	0000	-459	37.7191	81.7999	PPK	0.7 -	0.8 -	3.7 -	1.15	0.21	5.56	921.	53.	4.
403	0000	-461	37.7191	81.7994	PPK	0.7 -	0.8 -	3.7 -	1.20	0.22	5.40	929.	52.	4.
404	0000	-461	37.7190	81.7989	PPK	0.7 -	0.8 -	3.8 -	1.11	0.21	5.28	954.	51.	5.
405	0000	-460	37.7190	81.7984	PPK	0.7 -	1.0 -	3.8 -	1.49	0.27	5.54	959.	52.	5.
406	0000	-460	37.7190	81.7978	PPK	0.7 -	1.0 -	3.8 -	1.33	0.25	5.24	978.	53.	5.
407	0000	-461	37.7190	81.7973	PPK	0.7 -	1.0 -	3.8 -	1.39	0.27	5.11	996.	54.	5.
408	0000	-462	37.7190	81.7968	PPK	0.7 -	1.0 -	3.8	1.40	0.27	5.15	1005.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID (AKUT)	QUAL	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-463	37.7190	81.7963	PPK	0.7 -	1.3	3.7 -	1.70	0.34	4.99	1025.	53.	4.
410	0000	-463	37.7190	81.7957	PPK	0.8 -	1.4	3.7 -	1.77	0.37 +	4.78	1057.	52.	3.
411	0000	-462	37.7190	81.7952	PPK	0.8 -	1.3	3.7 -	1.62	0.36 +	4.51 -	1080.	52.	4.
412	0000	-462	37.7190	81.7947	PPK	0.9	1.3	3.8 -	1.39	0.35	4.01 --	1135.	50.	4.
413	0000	-463	37.7190	81.7942	PPK	1.0	1.4	3.9 -	1.40	0.35	4.04 --	1171.	51.	3.
414	0000	-462	37.7190	81.7936	PPK	1.1	1.2	3.9 -	1.07	0.30	3.60 --	1213.	52.	4.
415	0000	-463	37.7190	81.7931	PPK	1.1	1.1	4.2 -	1.07	0.27	3.93 --	1233.	53.	5.
416	0000	-464	37.7190	81.7926	PPK	1.1	0.9 -	4.2 -	0.82 -	0.22	3.81 --	1235.	53.	6.
417	0000	-464	37.7190	81.7921	PPK	1.1	0.6 --	4.3 -	0.57 --	0.14 -	3.96 --	1222.	53.	8.
418	0000	-464	37.7189	81.7915	PPK	1.0	0.7 --	4.2 -	0.62 --	0.15 -	4.03 --	1210.	54.	9.
419	0000	-464	37.7189	81.7910	PPK	1.0	0.5 --	4.5 -	0.55 --	0.12 -	4.57 -	1190.	54.	10.
420	0000	-464	37.7189	81.7905	PPK	1.0	0.7 --	4.3 -	0.67 --	0.15 -	4.34 -	1187.	54.	10.
421	0000	-464	37.7189	81.7900	PPK	1.0	0.9 -	4.4 -	0.90 -	0.20	4.50 -	1206.	54.	9.
422	0000	-463	37.7189	81.7894	PPK	1.1	1.0 -	4.4 -	0.95 -	0.24	4.03 --	1265.	54.	9.
423	0000	-463	37.7189	81.7889	PPK	1.2	1.2	4.9	1.03	0.24	4.20 -	1359.	52.	8.
424	0000	-465	37.7189	81.7884	PPK	1.3	1.6	5.2	1.24	0.30	4.13 -	1450.	52.	7.
425	0000	-465	37.7189	81.7879	PPK	1.4	1.6	5.6	1.15	0.28	4.16 -	1522.	52.	7.
426	0000	-464	37.7189	81.7873	PPK	1.4	1.6	5.4	1.14	0.30	3.81 --	1556.	52.	6.
427	0000	-465	37.7189	81.7868	PPK	1.4	1.8	5.3	1.29	0.34	3.85 --	1546.	50.	6.
428	0000	-466	37.7189	81.7863	PPK	1.3	1.8	5.2	1.39	0.34	4.11 -	1473.	51.	5.
429	0000	-466	37.7189	81.7858	PPK	1.1	1.6	5.3	1.43	0.31	4.59 -	1391.	51.	5.
430	0000	-466	37.7189	81.7852	PPK	1.0	1.5	5.2	1.40	0.28	5.01	1304.	51.	4.
431	0000	-465	37.7189	81.7847	PPK	1.0	1.4	5.1	1.42	0.28	5.08	1254.	51.	4.
432	0000	-465	37.7189	81.7842	PPK	1.0	1.4	5.1	1.37	0.27	5.13	1241.	50.	4.
433	0000	-465	37.7189	81.7837	PPK	1.0	1.5	5.4	1.45	0.28	5.15	1286.	50.	3.
434	0000	-464	37.7189	81.7832	PPK	1.1	1.3	5.8	1.15	0.22	5.24	1339.	49.	4.
435	0000	-465	37.7189	81.7826	PPK	1.2	1.4	6.0	1.22	0.24	5.19	1387.	48.	3.
436	0000	-465	37.7189	81.7821	PPK	1.2	1.5	5.9	1.33	0.26	5.02	1406.	47.	3.
437	0000	-463	37.7189	81.7816	PPK	1.2	1.6	5.6	1.40	0.29	4.83	1406.	48.	3.
438	0000	-465	37.7188	81.7811	PPK	1.1	1.5	5.5	1.33	0.27	4.86	1388.	45.	4.
439	0000	-468	37.7188	81.7805	PPK	1.1	1.4	5.3	1.35	0.27	4.95	1344.	45.	4.
440	0000	-467	37.7188	81.7800	PPK	1.0	1.3	5.4	1.32	0.24	5.52	1280.	45.	5.
441	0000	-468	37.7188	81.7795	PPK	0.9	1.2	5.3	1.31	0.24	5.54	1250.	45.	6.
442	0000	-469	37.7188	81.7790	PPK	1.0	0.9 -	5.3	0.93 -	0.18 -	5.24	1243.	44.	7.
443	0000	-470	37.7189	81.7784	PPK	1.0	0.7 --	5.3	0.66 --	0.13 -	5.15	1281.	44.	9.
444	0000	-471	37.7189	81.7779	PPK	1.1	0.8 -	5.6	0.71 --	0.14 -	5.05	1342.	44.	11.
445	0000	-471	37.7188	81.7774	PPK	1.2	0.8 -	5.8	0.68 --	0.14 -	4.78	1393.	45.	10.
446	0000	-471	37.7188	81.7769	PPK	1.2	1.1	5.9	0.91 -	0.19	4.78	1424.	45.	10.
447	0000	-472	37.7188	81.7763	PPK	1.3	1.1	5.7	0.87 -	0.20	4.35 -	1443.	45.	10.
448	0000	-472	37.7188	81.7758	PPK	1.3	1.1	5.7	0.87 -	0.20	4.32 -	1456.	47.	9.
449	0000	-471	37.7188	81.7753	PPK	1.3	1.3	5.9	1.03	0.23	4.57 -	1467.	49.	8.
450	0000	-471	37.7188	81.7748	PPK	1.3	1.3	5.8	1.01	0.23	4.47 -	1468.	50.	7.
451	0000	-469	37.7188	81.7742	PPK	1.3	1.4	5.9	1.04	0.23	4.47 -	1479.	52.	7.
452	0000	-466	37.7188	81.7737	PPK	1.3	1.2	5.8	0.92 -	0.21	4.32 -	1502.	53.	8.
453	0000	-464	37.7188	81.7732	PPK	1.4	1.1	6.1	0.81 -	0.18 -	4.43 -	1565.	53.	8.
454	0000	-464	37.7188	81.7727	PPK	1.4	1.0 -	6.1	0.76 -	0.17 -	4.43 -	1606.	53.	8.
455	0000	-466	37.7188	81.7721	PPK	1.4	1.2	6.3	0.82 -	0.18 -	4.47 -	1623.	53.	8.
456	0000	-467	37.7188	81.7716	PPK	1.4 +	1.0 -	6.3	0.69 --	0.16 -	4.37 -	1639.	52.	8.
457	0000	-470	37.7188	81.7711	PPK	1.4	1.0 -	6.0	0.75 -	0.18 -	4.29 -	1613.	51.	9.
458	0000	-473	37.7188	81.7706	PPK	1.3	0.9 -	5.5	0.71 --	0.17 -	4.11 -	1542.	50.	8.
459	0000	-472	37.7187	81.7700	PPK	1.2	1.1 -	5.4	0.86 -	0.19	4.44 -	1446.	51.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-471	37.7187	81.7695	PPK	1.1	1.1	4.6 -	1.00	0.24	4.09 -	1330.	51.	7.
461	0000	-472	37.7187	81.7690	PPK	1.0	1.1	4.3 -	1.06	0.25	4.28 -	1223.	52.	8.
462	0000	-473	37.7187	81.7685	PPK	0.9	1.0 -	3.7 -	1.11	0.27	4.18 -	1125.	51.	8.
463	0000	-474	37.7187	81.7679	PPK	0.8 -	1.0 -	3.3 -	1.31	0.32	4.14 -	1022.	53.	9.
464	0000	-474	37.7187	81.7674	PPK	0.7 -	1.0 -	3.2 --	1.31	0.30	4.33 -	956.	51.	9.
465	0000	-473	37.7187	81.7669	PPK	0.7 -	0.8 -	3.0 --	1.23	0.27	4.49 -	906.	53.	9.
466	0000	-474	37.7187	81.7664	PPK	0.6 --	0.7 --	2.7 --	1.04	0.25	4.12 -	869.	53.	9.
467	0000	-475	37.7187	81.7658	PPK	0.6 --	0.6 --	2.5 --	0.96 -	0.23	4.09 -	838.	53.	10.
468	0000	-475	37.7187	81.7653	PPK	0.6 --	0.8 -	2.3 --	1.38	0.33	4.14 -	809.	55.	9.
469	0000	-476	37.7187	81.7648	PPK	0.5 --	0.7 --	2.2 --	1.29	0.30	4.26 -	793.	56.	9.
470	0000	-476	37.7187	81.7643	PPK	0.5 --	0.7 --	2.4 --	1.29	0.29	4.42 -	808.	54.	8.
471	0000	-475	37.7187	81.7637	PPK	0.5 --	0.8 -	2.3 --	1.59	0.37 +	4.35 -	812.	57.	7.
472	0000	-476	37.7187	81.7632	PPK	0.5 --	0.9 -	2.7 --	1.67	0.32	5.24	832.	56.	7.
473	0000	-476	37.7187	81.7627	PPK	0.5 --	1.0 -	2.9 --	1.90	0.34	5.67	858.	55.	6.
474	0000	-476	37.7187	81.7622	PPK	0.5 --	0.9 -	3.2 --	1.76	0.29	5.99	880.	54.	6.
475	0000	-477	37.7187	81.7617	PPK	0.6 --	1.1	3.3 -	1.91	0.33	5.80	924.	49.	6.
476	0000	-478	37.7187	81.7611	PPK	0.6 --	1.1	3.4 -	1.78	0.33	5.40	972.	51.	5.
477	0000	-477	37.7187	81.7606	PPK	0.7 -	1.3	3.4 -	1.85	0.37 +	4.97	1023.	51.	6.
478	0000	-477	37.7187	81.7601	PPK	0.8 -	1.2	4.3 -	1.55	0.28	5.64	1077.	50.	5.
479	0000	-477	37.7187	81.7596	PPK	0.8 -	1.2	4.6 -	1.50	0.27	5.54	1138.	50.	5.
480	0000	-478	37.7186	81.7590	PPK	0.8 -	1.3	5.1	1.52	0.25	6.06	1164.	53.	6.
481	0000	-479	37.7186	81.7585	PPK	0.8 -	1.4	5.3	1.67	0.26	6.38 +	1187.	56.	6.
482	0000	-478	37.7186	81.7580	PPK	0.8	1.1	5.5	1.34	0.21	6.52 +	1181.	59.	6.
483	0000	-476	37.7186	81.7575	PPK	0.8 -	1.1	5.6	1.44	0.20	7.23 ++	1170.	58.	7.
484	0000	-475	37.7186	81.7570	PPK	0.7 -	1.0 -	5.6	1.38	0.18 -	7.50 ++	1147.	57.	6.
485	0000	-476	37.7186	81.7564	PPK	0.7 -	1.2	4.8	1.70	0.24	6.96 +	1120.	59.	7.
486	0000	-476	37.7186	81.7559	PPK	0.7 -	1.1	4.5 -	1.58	0.24	6.67 +	1088.	60.	7.
487	0000	-474	37.7186	81.7554	PPK	0.7 -	1.0 -	4.0 -	1.52	0.26	5.94	1075.	59.	7.
488	0000	-475	37.7186	81.7548	PPK	0.7 -	0.8 -	4.3 -	1.10	0.19	5.82	1081.	55.	8.
489	0000	-476	37.7186	81.7543	PPK	0.8 -	0.8 -	4.0 -	1.01	0.20	5.06	1099.	56.	8.
490	0000	-476	37.7186	81.7538	PPK	0.8 -	0.9 -	3.9 -	1.03	0.22	4.71	1107.	55.	7.
491	0000	-476	37.7186	81.7533	PPK	0.8 -	1.0 -	4.1 -	1.23	0.24	5.14	1109.	57.	7.
492	0000	-476	37.7186	81.7527	PPK	0.9	0.8 -	4.5 -	0.89 -	0.17 -	5.28	1124.	55.	7.
493	0000	-476	37.7186	81.7522	PPK	0.9	0.8 -	4.5 -	0.98 -	0.19	5.17	1124.	54.	6.
494	0000	-477	37.7186	81.7517	PPA-1	0.9	0.9 -	4.6	0.96 -	0.19 -	4.96 -	1128.	53.	5.
495	0000	-476	37.7186	81.7512	PPA-1	0.9	1.2	4.3	1.40	0.29	4.86 -	1118.	53.	4.
496	0000	-476	37.7186	81.7506	PPA-1	0.9	1.4	4.3	1.66	0.33	5.00 -	1094.	52.	3.
497	0000	-476	37.7186	81.7501	PPA-1	0.8	1.5	4.4	1.74	0.33	5.27	1064.	53.	2.
498	0000	-476	37.7186	81.7496	PPA-1	0.8	1.3	4.1	1.61	0.32	4.99 -	1024.	53.	2.
499	0000	-476	37.7186	81.7491	PPA-1	0.8	1.4	3.6 -	1.84	0.40 +	4.63 -	987.	52.	2.
500	0000	-477	37.7186	81.7485	PPA-1	0.8	1.3	3.5 -	1.67	0.37 +	4.58 -	962.	51.	3.
501	0000	-476	37.7185	81.7480	PPA-1	0.7	1.3	3.5 -	1.86	0.37 +	5.00 -	947.	50.	3.
502	0000	-475	37.7185	81.7475	PPA-1	0.7	1.2	3.4 -	1.59	0.35	4.56 -	949.	50.	4.
503	0000	-476	37.7185	81.7470	PPA-1	0.8	1.0	3.4 -	1.34	0.30	4.53 -	977.	49.	5.
504	0000	-476	37.7185	81.7465	PPA-1	0.8	1.1	3.5 -	1.41	0.33	4.29 --	1028.	49.	5.
505	0000	-475	37.7185	81.7459	PPA-1	0.8	1.2	3.5 -	1.47	0.35	4.17 --	1072.	48.	5.
506	0000	-475	37.7185	81.7454	PPK	0.9	1.4	3.7 -	1.59	0.37 +	4.31 -	1109.	47.	5.
507	0000	-475	37.7185	81.7449	PPK	0.8 -	1.6	3.8 -	1.93	0.43 +	4.48 -	1126.	46.	4.
508	0000	-474	37.7185	81.7443	PPK	0.8 -	1.8	3.5 -	2.14 +	0.51 ++	4.18 -	1121.	46.	4.
509	0000	-472	37.7185	81.7438	PPK	0.8 -	1.6	3.5 -	1.98 +	0.46 ++	4.34 -	1086.	49.	3.
510	0000	-470	37.7185	81.7433	PPK	0.7 -	1.5	3.4 -	2.14 +	0.46 ++	4.65 -	1049.	49.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-465	37.7185	81.7429	PPK	0.7 -	1.4	3.3 -	1.98 +	0.43 +	4.65 -	1009.	48.	2.
512	0000	-462	37.7185	81.7422	PPK	0.7 -	1.4	3.5 -	1.93 +	0.41 +	4.71	1000.	48.	2.
513	0000	-461	37.7185	81.7417	PPK	0.7 -	1.3	3.7 -	1.83	0.36 +	5.05	1001.	50.	4.
514	0000	-461	37.7185	81.7412	PPK	0.8 -	1.2	3.6 -	1.50	0.32	4.60 -	1049.	52.	5.
515	0000	-466	37.7184	81.7407	PPK	0.9	0.9 -	4.4 -	1.02	0.20	5.01	1133.	51.	6.
516	0000	-470	37.7185	81.7402	PPK	1.0	1.0 -	5.0	1.00	0.20	5.02	1250.	50.	7.
517	0000	-471	37.7185	81.7396	PPK	1.1	1.1	5.6	1.02	0.19	5.26	1323.	53.	7.
518	0000	-471	37.7185	81.7391	PPK	1.1	1.0 -	5.7	0.91 -	0.17 -	5.28	1352.	54.	7.
519	0000	-472	37.7185	81.7386	PPK	1.2	0.9 -	5.7	0.81 -	0.16 -	4.92	1380.	54.	7.
520	0000	-472	37.7185	81.7381	PPK	1.2	1.0 -	5.7	0.81 -	0.17 -	4.74	1382.	55.	6.
521	0000	-470	37.7184	81.7375	PPK	1.1	1.2	5.8	1.07	0.21	5.23	1339.	54.	5.
522	0000	-470	37.7184	81.7370	PPK	1.1	1.3	5.4	1.19	0.23	5.09	1254.	57.	4.
523	0000	-470	37.7184	81.7365	PPK	1.0	1.4	4.6 -	1.42	0.29	4.85	1149.	55.	3.
524	0000	-471	37.7184	81.7360	PPK	0.9	1.3	3.9 -	1.37	0.33	4.19 -	1079.	54.	3.
525	0000	-471	37.7184	81.7355	PPK	0.9	1.4	3.9 -	1.53	0.36 +	4.26 -	1047.	54.	2.
526	0000	-469	37.7184	81.7349	PPK	0.8 -	1.2	3.7 -	1.45	0.33	4.45 -	1000.	57.	3.
527	0000	-469	37.7184	81.7344	PPK	0.8 -	1.2	3.6 -	1.56	0.34	4.61 -	987.	57.	2.
528	0000	-470	37.7184	81.7339	PPK	0.8 -	1.1 -	3.4 -	1.27	0.31	4.07 --	990.	57.	2.
529	0000	-470	37.7184	81.7334	PPK	0.9	1.0 -	3.5 -	1.15	0.29	3.92 --	1040.	55.	3.
530	0000	-469	37.7184	81.7328	PPK	1.0	1.0 -	4.0 -	1.07	0.26	4.18 -	1105.	56.	3.
531	0000	-468	37.7184	81.7324	PPK	1.0	1.2	4.8	1.22	0.25	4.90	1187.	56.	2.
532	0000	-468	37.7184	81.7318	PPK	1.1	1.2	5.3	1.10	0.22	5.03	1284.	55.	3.
533	0000	-468	37.7184	81.7313	PPK	1.2	1.6	5.7	1.38	0.28	4.96	1381.	53.	3.
534	0000	-468	37.7184	81.7307	PPK	1.2	1.7	5.9	1.40	0.29	4.83	1445.	51.	3.
535	0000	-468	37.7184	81.7302	PPK	1.3	1.9	6.5	1.47	0.29	5.12	1523.	51.	3.
536	0000	-467	37.7184	81.7297	PPK	1.3	1.9	6.5	1.49	0.30	5.02	1573.	52.	4.
537	0000	-467	37.7184	81.7291	PPK	1.3	1.9	6.9	1.46	0.28	5.17	1611.	51.	4.
538	0000	-467	37.7184	81.7287	PPK	1.4	1.9	6.3	1.33	0.30	4.44 -	1627.	52.	5.
539	0000	-466	37.7184	81.7282	PPK	1.4	1.7	6.3	1.26	0.28	4.54 -	1596.	53.	7.
540	0000	-466	37.7184	81.7277	PPK	1.3	1.6	6.2	1.23	0.26	4.72	1582.	52.	7.
541	0000	-466	37.7184	81.7271	PPK	1.3	1.5	6.3	1.17	0.24	4.80	1572.	52.	8.
542	0000	-467	37.7183	81.7266	PPK	1.3	1.4	5.8	1.12	0.25	4.56 -	1531.	53.	9.
543	0000	-467	37.7183	81.7260	PPK	1.2	1.4	6.2	1.11	0.22	5.02	1519.	53.	9.
544	0000	-465	37.7183	81.7255	PPK	1.2	1.5	5.9	1.32	0.26	5.09	1498.	52.	9.
545	0000	-465	37.7183	81.7250	PPK	1.1	1.3	6.2	1.20	0.20	5.90	1460.	50.	9.
546	0000	-467	37.7183	81.7244	PPK	1.0	1.4	6.2	1.39	0.23	5.98	1449.	50.	8.
547	0000	-467	37.7183	81.7239	PPK	1.0	1.5	6.5	1.50	0.25	6.13	1450.	48.	8.
548	0000	-466	37.7183	81.7235	PPK	1.0	1.5	6.4	1.44	0.23	6.16	1468.	47.	7.
549	0000	-466	37.7183	81.7229	PPK	1.0	1.4	6.4	1.39	0.22	6.24 +	1479.	44.	7.
550	0000	-466	37.7183	81.7224	PPK	1.0	1.5	6.6	1.45	0.23	6.38 +	1469.	44.	7.
551	0000	-465	37.7183	81.7219	PPK	1.1	1.3	6.7	1.18	0.19	6.15	1492.	44.	7.
552	0000	-465	37.7183	81.7213	PPK	1.1	1.3	6.4	1.21	0.21	5.81	1532.	44.	8.
553	0000	-466	37.7183	81.7208	PPK	1.1	1.4	6.4	1.24	0.22	5.57	1574.	43.	9.
554	0000	-467	37.7183	81.7203	PPK	1.3	1.2	6.7	0.98 -	0.19 -	5.24	1632.	42.	9.
555	0000	-467	37.7183	81.7197	PPK	1.3	1.6	6.3	1.17	0.25	4.70	1661.	40.	9.
556	0000	-467	37.7182	81.7192	PPK	1.4	1.6	6.5	1.22	0.25	4.79	1680.	40.	9.
557	0000	-468	37.7182	81.7188	PPK	1.3	1.7	6.2	1.25	0.27	4.67 -	1672.	40.	9.
558	0000	-467	37.7182	81.7182	PPK	1.3	1.5	6.3	1.16	0.24	4.80	1613.	42.	8.
559	0000	-466	37.7182	81.7177	PPK	1.3	1.7	6.0	1.31	0.29	4.61 -	1550.	43.	7.
560	0000	-466	37.7182	81.7172	PPK	1.3	1.6	5.8	1.27	0.28	4.57 -	1478.	43.	6.
561	0000	-466	37.7182	81.7166	PPK	1.1	1.6	5.4	1.37	0.29	4.76	1375.	44.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-465	37.7182	81.7161	PPK	1.0	1.2	5.2	1.26	0.24	5.31	1270.	47.	4.
563	0000	-467	37.7182	81.7156	PPK	0.9	1.1	5.0	1.16	0.22	5.37	1201.	49.	3.
564	0000	-467	37.7182	81.7150	PPK	0.9	1.0 -	4.5 -	1.14	0.23	5.00	1150.	50.	2.
565	0000	-466	37.7182	81.7146	PPK	0.9	1.3	4.2 -	1.46	0.31	4.76	1146.	49.	1.
566	0000	-467	37.7182	81.7140	PPK	0.9	1.3	4.7	1.50	0.29	5.20	1178.	46.	0.
567	0000	-468	37.7182	81.7134	PPK	0.9	1.5	5.0	1.60	0.30	5.42	1231.	47.	0.
568	0000	-469	37.7182	81.7130	PPK	1.0	1.5	5.1	1.51	0.29	5.17	1258.	49.	0.
569	0000	-469	37.7182	81.7125	PPK	1.0	1.4	5.5	1.34	0.25	5.31	1292.	50.	0.
570	0000	-469	37.7182	81.7119	PPK	1.1	1.5	5.7	1.36	0.26	5.27	1330.	49.	0.
571	0000	-470	37.7182	81.7114	PPK	1.1	1.5	6.3	1.35	0.24	5.52	1417.	47.	0.
572	0000	-470	37.7182	81.7109	PPK	1.2	1.5	6.8	1.20	0.22	5.59	1507.	46.	0.
573	0000	-470	37.7182	81.7103	PPK	1.3	1.6	7.0	1.26	0.23	5.51	1573.	48.	0.
574	0000	-471	37.7182	81.7098	PPK	1.3	1.7	7.3	1.25	0.23	5.48	1592.	49.	0.
575	0000	-471	37.7182	81.7092	PPK	1.3	1.8	7.4	1.38	0.24	5.72	1611.	49.	0.
576	0000	-471	37.7182	81.7087	PPK	1.3	2.0	7.6 +	1.54	0.26	5.85	1650.	48.	1.
577	0000	-471	37.7181	81.7083	PPK	1.3	2.0	8.0 +	1.49	0.25	6.05	1686.	49.	1.
578	0000	-471	37.7181	81.7077	PPK	1.3	2.3 +	7.7 +	1.72	0.30	5.75	1704.	52.	2.
579	0000	-470	37.7181	81.7072	PPK	1.3	2.5 +	7.6 +	1.90	0.32	5.85	1672.	54.	3.
580	0000	-471	37.7181	81.7067	PPK	1.3	2.2 +	7.1	1.75	0.31	5.67	1612.	54.	3.
581	0000	-472	37.7181	81.7062	PPK	1.2	2.1	6.7	1.75	0.31	5.65	1563.	53.	4.
582	0000	-471	37.7181	81.7056	PPK	1.1	1.9	6.1	1.65	0.31	5.30	1504.	53.	4.
583	0000	-469	37.7182	81.7051	PPK	1.1	1.8	5.6	1.67	0.33	5.11	1452.	52.	4.
584	0000	-470	37.7181	81.7045	PPK	1.0	2.0	4.9	1.90	0.40 +	4.78	1396.	50.	4.
585	0000	-470	37.7181	81.7040	PPK	1.0	1.7	5.0	1.72	0.34	5.12	1337.	47.	4.
586	0000	-470	37.7181	81.7035	PPK	0.9	1.7	5.0	1.80	0.34	5.34	1314.	45.	3.
587	0000	-470	37.7181	81.7030	PPK	0.9	1.9	5.0	2.13 +	0.37 +	5.71	1293.	45.	4.
588	0000	-470	37.7181	81.7025	PPK	0.9	1.8	4.9	2.15 +	0.37 +	5.75	1288.	45.	4.
589	0000	-470	37.7181	81.7020	PPK	0.9	1.9	5.3	2.18 +	0.35 +	6.15	1317.	42.	4.
590	0000	-469	37.7181	81.7014	PPK	0.9	1.8	5.3	2.02 +	0.35	5.86	1335.	44.	4.
591	0000	-471	37.7180	81.7009	PPK	0.9	1.8	5.4	1.90	0.32	5.88	1352.	46.	5.
592	0000	-474	37.7180	81.7004	PPK	1.0	1.4	5.5	1.48	0.26	5.78	1378.	47.	5.
593	0000	-474	37.7180	81.6999	PPK	1.0	1.6	5.6	1.58	0.28	5.69	1403.	49.	6.
594	0000	-472	37.7180	81.6993	PPK	1.0	1.5	6.2	1.52	0.25	6.11	1445.	47.	5.
595	0000	-472	37.7180	81.6988	PPK	1.1	1.5	6.3	1.45	0.24	5.95	1453.	50.	5.
596	0000	-472	37.7181	81.6983	PPK	1.0	1.5	6.2	1.47	0.25	5.95	1455.	52.	4.
597	0000	-472	37.7181	81.6978	PPK	1.0	1.5	6.6	1.41	0.22	6.32 +	1472.	52.	3.
598	0000	-472	37.7180	81.6973	PPK	1.1	1.6	6.4	1.42	0.25	5.65	1528.	51.	3.
599	0000	-472	37.7180	81.6967	PPK	1.1	1.9	6.3	1.70	0.31	5.56	1539.	52.	4.
600	0000	-473	37.7180	81.6962	PPK	1.1	1.7	6.2	1.56	0.28	5.61	1524.	51.	3.
601	0000	-473	37.7180	81.6957	PPK	1.1	1.7	6.2	1.47	0.27	5.48	1506.	51.	3.
602	0000	-473	37.7180	81.6952	PPK	1.1	1.5	6.4	1.35	0.24	5.69	1523.	48.	4.
603	0000	-474	37.7180	81.6946	PPK	1.2	1.5	6.5	1.32	0.24	5.60	1542.	47.	5.
604	0000	-474	37.7180	81.6940	PPK	1.2	1.6	6.3	1.34	0.25	5.39	1551.	50.	7.
605	0000	-474	37.7180	81.6936	PPK	1.1	1.3	6.9	1.18	0.19	6.16	1525.	49.	7.
606	0000	-475	37.7180	81.6931	PPK	1.1	1.1	7.0	1.00 -	0.16 -	6.20	1502.	46.	9.
607	0000	-474	37.7180	81.6925	PPK	1.2	0.8 -	6.7	0.70 --	0.12 -	5.74	1507.	49.	11.
608	0000	-473	37.7180	81.6920	PPK	1.2	0.8 -	6.7	0.62 --	0.11 -	5.50	1546.	48.	11.
609	0000	-473	37.7180	81.6915	PPK	1.3	0.9 -	6.7	0.68 --	0.13 -	5.30	1611.	50.	11.
610	0000	-473	37.7180	81.6910	PPK	1.3	1.0 -	7.0	0.74 -	0.14 -	5.40	1640.	50.	11.
611	0000	-473	37.7179	81.6904	PPK	1.3	1.2	7.7 +	0.89 -	0.16 -	5.70	1689.	47.	9.
612	0000	-473	37.7179	81.6899	PPK	1.4	1.2	7.2	0.83 -	0.16 -	5.08	1707.	49.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80; DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-473	37.7179	81.6893	PPK	1.5 +	1.3	7.2	0.89 -	0.18 -	4.93	1712.	49.	7.
614	0000	-472	37.7179	81.6889	PPK	1.4 +	1.5	7.1	1.07	0.21	4.97	1684.	49.	5.
615	0000	-472	37.7179	81.6883	PPK	1.4	1.5	6.8	1.12	0.24	4.77	1629.	52.	4.
616	0000	-472	37.7179	81.6878	PPK	1.3	1.5	6.2	1.17	0.25	4.76	1532.	52.	4.
617	0000	-470	37.7180	81.6873	PPK	1.3	1.5	5.8	1.17	0.25	4.64 -	1466.	53.	3.
618	0000	-469	37.7179	81.6868	PPK	1.2	1.1	5.2	0.91 -	0.21	4.37 -	1374.	55.	4.
619	0000	-470	37.7179	81.6862	PPK	1.1	1.2	5.6	1.09	0.21	5.15	1307.	54.	3.
620	0000	-469	37.7179	81.6857	PPK	1.0	1.2	5.4	1.23	0.23	5.36	1262.	55.	3.
621	0000	-469	37.7179	81.6852	PPK	1.0	1.4	5.5	1.34	0.25	5.43	1257.	56.	3.
622	0000	-468	37.7179	81.6847	PPK	1.0	1.3	6.0	1.22	0.21	5.79	1266.	54.	4.
623	0000	-468	37.7179	81.6841	PPK	1.0	1.3	6.2	1.21	0.20	5.98	1301.	55.	4.
624	0000	-470	37.7179	81.6836	PPK	1.1	1.1	6.4	1.03	0.18 -	5.76	1337.	54.	4.
625	0000	-471	37.7178	81.6831	PPK	1.2	1.3	6.5	1.09	0.19	5.63	1355.	54.	3.
626	0000	-472	37.7179	81.6826	PPK	1.2	1.2	6.3	1.03	0.19	5.36	1367.	56.	4.
627	0000	-472	37.7179	81.6820	PPK	1.2	1.2	6.1	1.00	0.19	5.22	1374.	55.	5.
628	0000	-472	37.7179	81.6815	PPK	1.1	1.1	5.8	0.98 -	0.18 -	5.37	1341.	54.	5.
629	0000	-471	37.7179	81.6810	PPK	1.0	1.1	5.3	1.04	0.20	5.10	1285.	54.	5.
630	0000	-471	37.7179	81.6805	PPK	1.0	1.1 -	4.7	1.07	0.23	4.73	1219.	52.	5.
631	0000	-469	37.7179	81.6799	PPK	0.9	1.0 -	4.3 -	1.12	0.23	4.84	1152.	52.	5.
632	0000	-468	37.7178	81.6794	PPK	0.8 -	1.1	4.0 -	1.42	0.28	5.14	1097.	51.	5.
633	0000	-468	37.7178	81.6789	PPK	0.8 -	1.3	3.5 -	1.76	0.38 +	4.65 -	1064.	50.	4.
634	0000	-468	37.7178	81.6784	PPK	0.8 -	1.3	3.6 -	1.53	0.35 +	4.35 -	1052.	53.	3.
635	0000	-469	37.7178	81.6778	PPK	0.9	1.1 -	3.8 -	1.16	0.28	4.16 -	1073.	53.	3.
636	0000	-468	37.7178	81.6773	PPK	1.0	1.1	4.3 -	1.10	0.25	4.40 -	1118.	54.	2.
637	0000	-467	37.7178	81.6768	PPK	1.1	1.1	4.2 -	1.06	0.27	3.99 --	1185.	54.	2.
638	0000	-469	37.7178	81.6763	PPK	1.1	1.3	4.4 -	1.27	0.31	4.15 -	1237.	55.	2.
639	0000	-469	37.7178	81.6758	PPK	1.1	1.3	4.6 -	1.18	0.29	4.05 --	1286.	55.	1.
640	0000	-468	37.7178	81.6752	PPK	1.2	1.2	5.4	1.01	0.23	4.43 -	1338.	56.	1.
641	0000	-469	37.7178	81.6747	PPK	1.1	1.3	5.8	1.13	0.22	5.13	1410.	56.	2.
642	0000	-470	37.7178	81.6742	PPK	1.2	1.5	6.0	1.23	0.24	5.05	1504.	58.	2.
643	0000	-470	37.7178	81.6737	PPK	1.3	1.6	6.3	1.24	0.25	4.97	1554.	58.	2.
644	0000	-468	37.7178	81.6731	PPK	1.2	1.7	6.6	1.35	0.25	5.36	1560.	58.	3.
645	0000	-465	37.7178	81.6726	PPK	1.2	1.4	6.8	1.16	0.21	5.50	1565.	57.	3.
646	0000	-466	37.7177	81.6721	PPK	1.2	1.4	6.6	1.15	0.21	5.53	1550.	57.	4.
647	0000	-468	37.7178	81.6716	PPK	1.1	1.3	6.4	1.18	0.21	5.63	1527.	58.	6.
648	0000	-467	37.7178	81.6710	PPK	1.2	1.2	5.9	1.04	0.21	4.98	1459.	57.	6.
649	0000	-465	37.7178	81.6705	PPK	1.1	1.2	5.3	1.10	0.22	4.96	1345.	55.	7.
650	0000	-464	37.7178	81.6700	PPK	1.0	1.0 -	4.7	1.01	0.21	4.90	1259.	55.	8.
651	0000	-463	37.7178	81.6695	PPK	0.9	0.9 -	4.5 -	0.96 -	0.19	4.95	1188.	56.	7.
652	0000	-463	37.7178	81.6689	PPK	0.9	0.8 -	4.0 -	0. -	0.21	4.38 -	1129.	55.	7.
653	0000	-463	37.7177	81.6684	PPK	0.9	0.8 -	3.8 -	0.93 -	0.21	4.38 -	1083.	56.	6.
654	0000	-462	37.7177	81.6679	PPK	0.9	0.8 -	3.5 -	0.95 -	0.23	4.09 -	1033.	56.	6.
655	0000	-462	37.7177	81.6674	PPK	0.8 -	1.0 -	3.5 -	1.24	0.28	4.45 -	992.	56.	4.
656	0000	-463	37.7177	81.6669	PPK	0.7 -	0.9 -	3.5 -	1.16	0.25	4.69	953.	57.	4.
657	0000	-461	37.7177	81.6663	PPK	0.7 -	1.1	3.6 -	1.48	0.30	4.93	942.	57.	3.
658	0000	-461	37.7177	81.6658	PPK	0.7 -	0.9 -	3.5 -	1.31	0.26	4.97	944.	56.	4.
659	0000	-462	37.7177	81.6653	PPK	0.7 -	0.9 -	3.7 -	1.23	0.24	5.13	953.	59.	5.
660	0000	-463	37.7177	81.6647	PPK	0.7 -	0.9 -	4.0 -	1.19	0.22	5.31	993.	58.	5.
661	0000	-461	37.7177	81.6642	PPK	0.7 -	0.9 -	4.0 -	1.16	0.22	5.39	1024.	57.	6.
662	0000	-459	37.7177	81.6637	PPK	0.8 -	0.7 --	4.3 -	0.89 -	0.17 -	5.32	1064.	58.	7.
663	0000	-460	37.7177	81.6632	PPK	0.9	0.8 -	4.7	0.96 -	0.17 -	5.56	1110.	57.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-460	37.7177	81.6626	PPK	0.9	0.8 -	4.9	0.87 -	0.16 -	5.56	1138.	60.	8.
665	0000	-459	37.7177	81.6621	PPK	1.0	0.7 --	4.9	0.77 -	0.15 -	5.10	1181.	60.	9.
666	0000	-457	37.7177	81.6616	PPK	1.0	0.8 -	5.4	0.84 -	0.15 -	5.46	1235.	56.	9.
667	0000	-455	37.7176	81.6611	PPK	1.0	1.1	5.5	1.06	0.20	5.41	1267.	55.	8.
668	0000	-454	37.7176	81.6605	PPK	1.1	0.9 -	6.0	0.81 -	0.15 -	5.42	1293.	55.	9.
669	0000	-455	37.7176	81.6600	PPK	1.1	1.1 -	6.1	0.92 -	0.17 -	5.33	1332.	52.	8.
670	0000	-455	37.7176	81.6595	PPK	1.2	1.2	6.6	1.05	0.18 -	5.75	1380.	51.	8.
671	0000	-454	37.7177	81.6590	PPK	1.2	1.3	7.0	1.11	0.19	5.77	1446.	47.	6.
672	0000	-453	37.7177	81.6584	PPK	1.2	1.7	7.0	1.40	0.24	5.84	1514.	47.	6.
673	0000	-453	37.7177	81.6579	PPK	1.2	1.6	7.3	1.32	0.22	6.07	1567.	49.	6.
674	0000	-454	37.7176	81.6574	PPK	1.4	1.4	7.4	1.03	0.19	5.49	1625.	52.	6.
675	0000	-455	37.7176	81.6569	PPK	1.4	1.5	7.8 +	1.09	0.19	5.65	1734.	50.	6.
676	0000	-451	37.7176	81.6564	PPK	1.4	1.6	8.2 +	1.13	0.19	5.87	1818.	51.	6.
677	0000	-450	37.7176	81.6558	PPK	1.5 +	1.6	7.5	1.07	0.21	5.15	1851.	54.	7.
678	0000	-451	37.7176	81.6553	PPK	1.4 +	1.6	7.3	1.12	0.22	5.11	1846.	55.	8.
679	0000	-451	37.7176	81.6548	PPK	1.4 +	1.6	7.7 +	1.10	0.21	5.32	1808.	55.	8.
680	0000	-448	37.7176	81.6543	PPK	1.4	1.5	7.1	1.05	0.21	5.06	1749.	54.	9.
681	0000	-448	37.7176	81.6537	PPK	1.3	1.4	6.7	1.06	0.20	5.22	1676.	53.	10.
682	0000	-446	37.7176	81.6531	PPK	1.2	1.3	6.1	1.11	0.22	5.10	1553.	54.	11.
683	0000	-445	37.7176	81.6526	PPK	1.1	1.1	5.8	0.96 -	0.19 -	5.16	1432.	55.	12.
684	0000	-444	37.7176	81.6521	PPK	1.1	0.9 -	5.9	0.82 -	0.15 -	5.56	1375.	52.	12.
685	0000	-444	37.7176	81.6516	PPK	1.1	0.5 --	6.5	0.50 ---	0.08 --	6.05	1371.	52.	12.
686	0000	-443	37.7176	81.6510	PPK	1.1	0.4 ---	6.1	0.39 ---	0.07 --	5.46	1400.	54.	13.
687	0000	-442	37.7176	81.6504	PPK	1.2	0.7 --	6.5	0.62 --	0.11 -	5.60	1475.	53.	11.
688	0000	-441	37.7176	81.6499	PPK	1.2	1.0 -	6.6	0.83 -	0.16 -	5.36	1564.	52.	10.
689	0000	-441	37.7176	81.6494	PPK	1.4	1.2	6.9	0.88 -	0.18 -	4.89	1637.	54.	8.
690	0000	-440	37.7176	81.6488	PPK	1.4 +	1.5	6.7	1.04	0.22	4.67 -	1696.	52.	6.
691	0000	-440	37.7176	81.6483	PPK	1.5 +	1.6	7.1	1.04	0.22	4.76	1721.	53.	4.
692	0000	-439	37.7176	81.6477	PPK	1.5 +	1.7	6.6	1.13	0.25	4.49 -	1699.	53.	3.
693	0000	-438	37.7176	81.6472	PPK	1.4	1.6	6.9	1.15	0.23	5.06	1632.	51.	2.
694	0000	-436	37.7176	81.6466	PPK	1.3	1.4	6.3	1.08	0.23	4.78	1531.	51.	2.
695	0000	-435	37.7176	81.6461	PPK	1.2	1.2	6.3	0.97 -	0.19	5.15	1425.	51.	2.
696	0000	-435	37.7176	81.6455	PPK	1.0	1.1	6.1	1.07	0.19 -	5.79	1367.	50.	2.
697	0000	-435	37.7176	81.6450	PPK	1.0	1.0 -	5.8	0.94 -	0.17 -	5.52	1313.	50.	2.
698	0000	-436	37.7176	81.6445	PPK	1.0	1.1 -	5.2	1.05	0.20	5.22	1286.	50.	3.
699	0000	-435	37.7176	81.6439	PPK	1.0	1.2	5.3	1.19	0.22	5.36	1287.	51.	3.
700	0000	-433	37.7176	81.6434	PPK	1.0	1.2	5.2	1.13	0.23	5.00	1307.	52.	3.
701	0000	-433	37.7176	81.6428	PPK	1.1	1.3	5.3	1.25	0.25	4.92	1336.	52.	3.
702	0000	-433	37.7176	81.6423	PPK	1.1	1.3	5.4	1.11	0.23	4.76	1374.	54.	4.
703	0000	-431	37.7176	81.6417	PPK	1.2	1.2	5.5	1.02	0.22	4.64 -	1406.	55.	4.
704	0000	-429	37.7176	81.6412	PPK	1.2	1.2	6.2	0.99 -	0.20	5.07	1455.	56.	4.
705	0000	-427	37.7176	81.6406	PPK	1.3	1.2	6.2	0.91 -	0.19	4.77	1502.	56.	5.
706	0000	-426	37.7176	81.6401	PPK	1.4	0.9 -	6.4	0.64 --	0.14 -	4.57 -	1557.	53.	7.
707	0000	-425	37.7176	81.6396	PPK	1.5 +	1.0 -	6.7	0.71 --	0.15 -	4.61 -	1619.	53.	7.
708	0000	-423	37.7176	81.6390	PPK	1.5 +	0.8 -	6.8	0.55 --	0.12 -	4.65 -	1637.	51.	7.
709	0000	-421	37.7176	81.6385	PPK	1.5 +	1.0 -	6.9	0.67 --	0.14 -	4.75	1622.	51.	8.
710	0000	-419	37.7176	81.6379	PPK	1.4	1.0 -	6.9	0.72 --	0.15 -	4.83	1602.	50.	8.
711	0000	-417	37.7177	81.6374	PPK	1.4	1.1	6.3	0.78 -	0.17 -	4.56 -	1558.	50.	8.
712	0000	-416	37.7177	81.6368	PPK	1.3	0.9 -	6.5	0.73 -	0.15 -	5.02	1497.	51.	8.
713	0000	-416	37.7177	81.6363	PPK	1.2	1.1	5.8	0.90 -	0.19	4.79	1425.	52.	7.
714	0000	-415	37.7177	81.6357	PPK	1.2	1.0 -	5.8	0.87 -	0.17 -	5.00	1394.	52.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-414	37.7177	81.6352	PPK	1.2	1.2	6.1	1.01	0.20	4.98	1446.	52.	7.
716	0000	-413	37.7177	81.6347	PPK	1.3	1.3	6.0	0.99 -	0.21	4.71	1506.	51.	7.
717	0000	-412	37.7177	81.6341	PPK	1.3	1.4	5.8	1.07	0.25	4.34 -	1524.	49.	7.
718	0000	-411	37.7177	81.6336	PPK	1.3	1.5	6.1	1.14	0.25	4.66 -	1530.	48.	6.
719	0000	-409	37.7177	81.6331	PPK	1.3	1.5	6.0	1.16	0.25	4.56 -	1526.	46.	5.
720	0000	-408	37.7177	81.6325	PPK	1.2	1.6	5.9	1.26	0.27	4.72	1492.	46.	5.
721	0000	-408	37.7177	81.6319	PPK	1.2	1.6	5.5	1.34	0.29	4.57 -	1421.	47.	4.
722	0000	-407	37.7177	81.6314	PPK	1.1	1.4	5.0	1.28	0.28	4.53 -	1333.	50.	3.
723	0000	-405	37.7177	81.6308	PPK	1.0	1.5	5.2	1.50	0.29	5.07	1286.	49.	2.
724	0000	-405	37.7177	81.6303	PPK	1.0	1.5	5.4	1.48	0.27	5.44	1294.	51.	2.
725	0000	-404	37.7177	81.6297	PPK	1.1	1.6	5.1	1.47	0.31	4.79	1323.	53.	3.
726	0000	-402	37.7177	81.6292	PPK	1.1	1.7	5.4	1.57	0.31	5.01	1389.	55.	3.
727	0000	-402	37.7177	81.6287	PPK	1.1	2.2	5.8	1.90	0.37 +	5.09	1490.	54.	4.
728	0000	-400	37.7177	81.6282	PPK	1.2	2.0	6.2	1.61	0.31	5.11	1547.	53.	5.
729	0000	-397	37.7177	81.6275	PPK	1.2	2.1	6.4	1.79	0.33	5.41	1559.	51.	4.
730	0000	-396	37.7177	81.6271	PPK	1.2	1.9	6.3	1.58	0.30	5.35	1532.	52.	5.
731	0000	-393	37.7177	81.6265	PPK	1.1	1.9	5.9	1.67	0.32	5.26	1489.	54.	4.
732	0000	-390	37.7177	81.6260	PPK	1.1	1.6	6.1	1.51	0.27	5.63	1455.	53.	4.
733	0000	-389	37.7177	81.6254	PPK	1.1	1.7	6.1	1.57	0.29	5.47	1452.	53.	3.
734	0000	-388	37.7177	81.6248	PPK	1.2	1.2	6.3	0.96 -	0.19 -	5.14	1457.	57.	3.
735	0000	-387	37.7177	81.6243	PPK	1.3	1.5	6.3	1.15	0.23	4.95	1500.	57.	2.
736	0000	-388	37.7177	81.6237	PPK	1.4	1.5	6.3	1.06	0.23	4.56 -	1547.	58.	2.
737	0000	-388	37.7177	81.6232	PPK	1.4	1.5	6.4	1.11	0.24	4.58 -	1587.	59.	2.
738	0000	-385	37.7177	81.6226	PPK	1.4	1.5	6.8	1.03	0.22	4.75	1599.	55.	2.
739	0000	-385	37.7177	81.6221	PPK	1.4	1.4	6.7	0.98 -	0.21	4.70	1581.	57.	3.
740	0000	-385	37.7177	81.6216	PPK	1.4	1.3	6.2	0.96 -	0.21	4.59 -	1509.	55.	2.
741	0000	-384	37.7177	81.6210	PPK	1.2	1.4	6.0	1.14	0.23	4.94	1428.	53.	2.
742	0000	-383	37.7177	81.6204	PPK	1.1	1.3	5.4	1.13	0.24	4.70	1364.	54.	2.
743	0000	-383	37.7177	81.6200	PPK	1.1	1.3	5.7	1.20	0.23	5.21	1360.	55.	2.
744	0000	-382	37.7177	81.6194	PPK	1.2	1.3	6.0	1.13	0.22	5.05	1407.	55.	2.
745	0000	-382	37.7177	81.6189	PPK	1.2	1.5	6.5	1.26	0.23	5.40	1472.	57.	3.
746	0000	-381	37.7177	81.6183	PPK	1.3	1.7	6.9	1.28	0.24	5.37	1560.	54.	3.
747	0000	-378	37.7177	81.6177	PPK	1.3	1.6	7.6 +	1.18	0.20	5.76	1617.	52.	4.
748	0000	-376	37.7178	81.6172	PPK	1.3	1.6	7.6 +	1.18	0.21	5.64	1653.	51.	5.
749	0000	-374	37.7178	81.6166	PPK	1.4	1.5	8.3 +	1.09	0.18 -	6.06	1689.	52.	6.
750	0000	-373	37.7178	81.6161	PPK	1.4	1.4	8.2 +	1.00	0.17 -	5.89	1691.	53.	6.
751	0000	-372	37.7178	81.6155	PPK	1.4	1.6	7.6 +	1.13	0.21	5.50	1688.	53.	7.
752	0000	-369	37.7178	81.6151	PPK	1.5 +	1.6	7.3	1.11	0.23	4.91	1732.	56.	7.
753	0000	-368	37.7178	81.6144	PPK	1.6 +	1.8	7.3	1.17	0.25	4.68 -	1776.	57.	7.
754	0000	-367	37.7178	81.6139	PPK	1.7 +	2.1	7.6 +	1.21	0.27	4.46 -	1848.	60.	5.
755	0000	-365	37.7178	81.6134	PPK	1.8 +	2.1	7.8 +	1.20	0.27	4.45 -	1869.	60.	5.
756	0000	-364	37.7178	81.6129	PPK	1.8 +	2.3 +	7.7 +	1.32	0.30	4.40 -	1853.	57.	4.
757	0000	-364	37.7178	81.6123	PPK	1.8 +	2.3 +	7.4	1.32	0.31	4.23 -	1805.	57.	4.
758	0000	-362	37.7178	81.6118	PPK	1.6 +	2.1	7.4	1.30	0.28	4.57 -	1709.	58.	4.
759	0000	-362	37.7178	81.6112	PPK	1.4 +	1.7	6.6	1.22	0.26	4.61 -	1545.	56.	5.
760	0000	-361	37.7178	81.6106	PPK	1.3	1.4	5.8	1.10	0.24	4.62 -	1380.	56.	6.
761	0000	-360	37.7178	81.6101	PPK	1.1	1.2	5.1	1.13	0.24	4.80	1221.	56.	7.
762	0000	-360	37.7178	81.6095	PPK	0.9	1.2	4.5 -	1.31	0.27	4.93	1139.	54.	7.
763	0000	-360	37.7177	81.6090	PPK	0.9	0.9 -	3.9 -	1.10	0.24	4.60 -	1089.	57.	9.
764	0000	-359	37.7177	81.6085	PPK	0.8 -	0.9 -	4.3 -	1.11	0.20	5.53	1089.	54.	10.
765	0000	-358	37.7177	81.6079	PPK	0.8 -	0.8 -	4.6 -	1.04	0.18 -	5.74	1127.	52.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID (AKUT)	QUAL	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-357	37.7177	81.6074		PPK	0.9	0.9 -	5.0	1.06	0.19 -	5.68	1191.	52.	9.
767	0000	-354	37.7177	81.6069		PPK	0.9	1.2	5.4	1.23	0.21	5.76	1268.	50.	8.
768	0000	-353	37.7177	81.6063		PPK	1.1	1.1	5.8	1.03	0.19	5.43	1344.	51.	7.
769	0000	-352	37.7177	81.6058		PPK	1.2	1.2	6.2	1.04	0.19	5.39	1409.	51.	7.
770	0000	-349	37.7177	81.6052		PPK	1.2	1.5	6.8	1.20	0.21	5.59	1467.	51.	5.
771	0000	-348	37.7178	81.6047		PPK	1.2	1.9	6.5	1.50	0.29	5.25	1504.	52.	4.
772	0000	-348	37.7178	81.6041		PPK	1.3	2.2 +	6.3	1.71	0.35	4.91	1503.	55.	3.
773	0000	-347	37.7178	81.6036		PPK	1.2	2.2 +	6.4	1.77	0.34	5.14	1502.	53.	2.
774	0000	-345	37.7178	81.6030		PPK	1.2	2.1	6.3	1.76	0.33	5.38	1449.	55.	2.
775	0000	-344	37.7178	81.6025		PPK	1.1	2.2 +	6.2	2.02 +	0.35	5.79	1416.	55.	3.
776	0000	-343	37.7178	81.6019		PPK	1.0	2.0	6.1	1.96 +	0.33	5.98	1372.	57.	3.
777	0000	-342	37.7178	81.6014		PPK	0.9	1.9	6.1	1.99 +	0.30	6.58 +	1317.	56.	3.
778	0000	-340	37.7178	81.6009		PPK	0.9	1.7	5.9	1.89	0.28	6.64 +	1267.	57.	4.
779	0000	-339	37.7178	81.6003		PPNR	0.9	1.5	6.1	1.71	0.24	7.14	1272.	51.	4.
780	0000	-338	37.7178	81.5998		PPNR	0.9	1.3	6.3	1.48	0.21 -	7.06	1293.	52.	5.
781	0000	-334	37.7178	81.5992		PPNR	0.9	1.3	7.0	1.44	0.19 -	7.55	1366.	49.	5.
782	0000	-333	37.7178	81.5987		PPNR	1.0	1.4	6.7	1.47	0.21	6.93	1416.	49.	6.
783	0000	-332	37.7178	81.5981		PPNR	0.9	1.6	6.7	1.65	0.23	7.08	1441.	49.	6.
784	0000	-331	37.7178	81.5976		PPK	1.0	1.5	6.8	1.43	0.21	6.67 +	1472.	49.	6.
785	0000	-330	37.7178	81.5970		PPK	1.1	1.2	7.0	1.10	0.17 -	6.46 +	1508.	50.	6.
786	0000	-329	37.7178	81.5965		PPK	1.1	1.6	7.3	1.50	0.22	6.94 +	1554.	51.	6.
787	0000	-328	37.7178	81.5960		PPK	1.1	1.9	7.2	1.75	0.27	6.52 +	1633.	48.	6.
788	0000	-328	37.7178	81.5954		PPK	1.2	2.1	7.3	1.80	0.28	6.36 +	1676.	49.	7.
789	0000	-328	37.7178	81.5949		PPK	1.2	2.0	7.4	1.70	0.28	6.17	1673.	47.	7.
790	0000	-326	37.7178	81.5943		PPK	1.2	1.9	7.7 +	1.49	0.24	6.16	1684.	46.	7.
791	0000	-326	37.7178	81.5938		PPK	1.2	1.9	7.6 +	1.52	0.25	6.12	1690.	47.	8.
792	0000	-326	37.7178	81.5932		PPK	1.2	2.1	7.7 +	1.76	0.27	6.53 +	1679.	46.	8.
793	0000	-325	37.7178	81.5927		PPK	1.2	1.7	7.3	1.48	0.24	6.24 +	1607.	48.	8.
794	0000	-325	37.7178	81.5921		PPK	1.1	1.3	7.0	1.26	0.19	6.62 +	1475.	51.	8.
795	0000	-326	37.7178	81.5916		PPK	1.0	1.1	6.3	1.18	0.18 -	6.56 +	1358.	52.	7.
796	0000	-325	37.7178	81.5910		PPK	0.9	1.0 -	6.2	1.10	0.16 -	6.87 +	1309.	53.	7.
797	0000	-325	37.7178	81.5905		PPK	0.9	1.3	6.0	1.47	0.21	6.94 +	1292.	54.	6.
798	0000	-326	37.7178	81.5900		PPK	0.9	1.4	5.5	1.59	0.25	6.28 +	1301.	54.	5.
799	0000	-325	37.7178	81.5894		PPK	0.9	1.6	5.8	1.68	0.27	6.12	1328.	53.	4.
800	0000	-327	37.7178	81.5889		PPK	1.0	1.6	6.0	1.65	0.27	6.00	1365.	50.	3.
801	0000	-328	37.7178	81.5883		PPK	1.0	2.0	5.8	1.96 +	0.34	5.82	1384.	50.	2.
802	0000	-327	37.7178	81.5878		PPK	1.1	2.0	5.9	1.93 +	0.34	5.62	1417.	49.	2.
803	0000	-326	37.7178	81.5872		PPK	1.1	2.1	6.1	1.87	0.34	5.55	1453.	51.	2.
804	0000	-327	37.7178	81.5867		PPK	1.1	2.3 +	6.0	2.02 +	0.38 +	5.28	1459.	48.	2.
805	0000	-326	37.7178	81.5861		PPK	1.1	2.2 +	7.2	2.00 +	0.31	6.39 +	1540.	46.	2.
806	0000	-325	37.7178	81.5856		PPK	1.1	2.0	7.3	1.80	0.28	6.40 +	1563.	45.	3.
807	0000	-326	37.7178	81.5851		PPK	1.2	1.9	7.7 +	1.57	0.24	6.45 +	1593.	46.	3.
808	0000	-327	37.7178	81.5845		PPK	1.2	1.8	8.4 +	1.42	0.21	6.78 +	1647.	46.	3.
809	0000	-327	37.7179	81.5839		PPK	1.3	1.7	8.8 +	1.31	0.19	6.81 +	1699.	46.	3.
810	0000	-328	37.7179	81.5835		PPK	1.3	1.9	8.4 +	1.46	0.22	6.63 +	1700.	43.	3.
811	0000	-329	37.7179	81.5829		PPK	1.3	1.5	8.4 +	1.19	0.18 -	6.62 +	1667.	43.	3.
812	0000	-330	37.7179	81.5823		PPK	1.3	1.5	7.6 +	1.20	0.20	5.93	1610.	44.	3.
813	0000	-332	37.7179	81.5818		PPK	1.2	1.5	7.2	1.21	0.21	5.90	1554.	44.	3.
814	0000	-333	37.7179	81.5812		PPK	1.2	1.5	6.4	1.29	0.23	5.53	1495.	44.	4.
815	0000	-333	37.7179	81.5807		PPK	1.1	1.4	6.2	1.24	0.22	5.58	1448.	44.	4.
816	0000	-335	37.7179	81.5801		PPK	1.0	1.5	5.8	1.44	0.26	5.64	1397.	44.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-336	37.7179	81.5796	PPK	1.0	1.6	6.1	1.64	0.26	6.39 +	1390.	44.	5.
818	0000	-338	37.7179	81.5790	PPK	1.0	1.4	6.4	1.44	0.22	6.43 +	1407.	46.	6.
819	0000	-339	37.7179	81.5786	PPK	1.0	1.6	6.3	1.64	0.26	6.33 +	1434.	46.	6.
820	0000	-338	37.7179	81.5779	PPK	1.0	1.7	6.1	1.62	0.27	5.89	1411.	49.	7.
821	0000	-338	37.7179	81.5774	PPK	1.1	1.6	6.7	1.49	0.24	6.26 +	1435.	47.	9.
822	0000	-340	37.7179	81.5769	PPK	1.1	1.6	6.7	1.42	0.24	6.01	1505.	48.	9.
823	0000	-341	37.7179	81.5764	PPK	1.2	1.5	7.1	1.29	0.21	6.02	1534.	50.	10.
824	0000	-340	37.7179	81.5757	PPK	1.3	1.3	6.9	1.05	0.19	5.54	1539.	49.	10.
825	0000	-340	37.7179	81.5752	PPK	1.2	1.5	6.7	1.25	0.23	5.50	1573.	48.	10.
826	0000	-340	37.7179	81.5747	PPK	1.2	1.5	6.8	1.23	0.22	5.67	1579.	48.	9.
827	0000	-341	37.7179	81.5741	PPK	1.2	1.6	7.0	1.34	0.23	5.92	1604.	48.	8.
828	0000	-343	37.7179	81.5736	PPK	1.2	1.7	7.0	1.38	0.24	5.83	1609.	51.	7.
829	0000	-342	37.7179	81.5730	PPK	1.3	1.7	6.9	1.38	0.25	5.48	1619.	50.	6.
830	0000	-342	37.7179	81.5725	PPK	1.3	1.8	6.6	1.40	0.27	5.24	1590.	50.	5.
831	0000	-342	37.7179	81.5719	PPK	1.2	1.8	6.9	1.45	0.26	5.54	1570.	50.	4.
832	0000	-340	37.7179	81.5714	PPK	1.2	1.6	6.9	1.28	0.23	5.54	1532.	51.	4.
833	0000	-338	37.7179	81.5708	PPK	1.2	1.7	6.9	1.35	0.24	5.60	1508.	50.	4.
834	0000	-342	37.7179	81.5704	PPK	1.2	1.7	6.7	1.41	0.25	5.55	1491.	51.	4.
835	0000	-346	37.7179	81.5698	PPK	1.2	1.8	6.7	1.47	0.26	5.55	1501.	49.	4.
836	0000	-349	37.7179	81.5692	PPK	1.2	1.9	6.8	1.65	0.28	5.90	1490.	48.	3.
837	0000	-352	37.7179	81.5687	PPK	1.1	2.0	6.6	1.78	0.30	5.91	1491.	47.	4.
838	0000	-354	37.7179	81.5681	PPK	1.1	2.0	6.4	1.76	0.30	5.77	1502.	48.	4.
839	0000	-355	37.7179	81.5676	PPK	1.1	2.0	6.5	1.80	0.31	5.81	1531.	46.	4.
840	0000	-356	37.7179	81.5670	PPK	1.1	1.8	6.5	1.61	0.28	5.70	1541.	46.	5.
841	0000	-359	37.7179	81.5665	PPK	1.2	1.9	6.8	1.63	0.29	5.66	1580.	44.	5.
842	0000	-360	37.7179	81.5659	PPK	1.2	2.0	7.0	1.69	0.29	5.86	1618.	44.	6.
843	0000	-360	37.7179	81.5654	PPK	1.2	1.8	7.0	1.53	0.26	5.79	1613.	46.	6.
844	0000	-362	37.7179	81.5649	PPK	1.2	1.8	7.3	1.49	0.25	6.00	1639.	47.	6.
845	0000	-365	37.7179	81.5643	PPK	1.2	1.8	7.2	1.50	0.25	5.98	1630.	47.	7.
846	0000	-366	37.7179	81.5638	PPK	1.2	1.7	7.3	1.40	0.23	6.00	1604.	48.	7.
847	0000	-368	37.7179	81.5632	PPK	1.2	1.5	6.8	1.26	0.22	5.71	1555.	49.	8.
848	0000	-370	37.7179	81.5627	PPK	1.1	1.3	6.3	1.10	0.20	5.53	1472.	50.	8.
849	0000	-371	37.7179	81.5622	PPK	1.1	1.0 -	6.0	0.95 -	0.17 -	5.57	1384.	53.	9.
850	0000	-373	37.7179	81.5616	PPK	1.0	1.0 -	5.7	0.99 -	0.18 -	5.57	1348.	53.	8.
851	0000	-374	37.7179	81.5610	PPK	1.1	1.0 -	5.6	0.94 -	0.18 -	5.18	1338.	53	8.
852	0000	-376	37.7179	81.5605	PPK	1.1	1.0 -	5.7	0.89 -	0.17 -	5.19	1347.	52.	8.
853	0000	-377	37.7179	81.5600	PPK	1.0	1.1 -	5.9	1.04	0.18 -	5.65	1370.	51.	7.
854	0000	-378	37.7179	81.5594	PPK	1.1	1.2	6.2	1.13	0.20	5.67	1417.	52.	6.
855	0000	-379	37.7179	81.5589	PPK	1.1	1.3	6.9	1.16	0.19	6.10	1499.	50.	5.
856	0000	-379	37.7179	81.5583	PPK	1.2	1.4	7.0	1.19	0.21	5.76	1570.	48.	5.
857	0000	-380	37.7179	81.5578	PPK	1.2	1.7	7.1	1.35	0.23	5.77	1610.	48.	4.
858	0000	-382	37.7179	81.5573	PPK	1.2	1.8	7.3	1.55	0.25	6.31 +	1612.	48.	4.
859	0000	-383	37.7179	81.5567	PPNR	1.2	2.0	7.2	1.71	0.28	6.15	1618.	50.	3.
860	0000	-385	37.7179	81.5562	PPNR	1.2	2.0	7.1	1.62	0.28	5.71	1631.	50.	2.
861	0000	-386	37.7179	81.5556	PPNR	1.3 +	2.0	7.0	1.55	0.28	5.54	1632.	49.	2.
862	0000	-387	37.7179	81.5551	PPNR	1.3 +	1.9	7.0	1.49	0.27	5.56	1616.	49.	2.
863	0000	-389	37.7179	81.5545	PPNR	1.3 +	1.8	7.0	1.40	0.25	5.58	1601.	52.	2.
864	0000	-390	37.7179	81.5539	PPNR	1.3 +	1.6	7.2	1.20 -	0.22	5.46	1616.	50.	2.
865	0000	-391	37.7179	81.5534	PPNR	1.4 +	1.6	7.0	1.11 -	0.22	5.03 -	1632.	51.	3.
866	0000	-392	37.7179	81.5529	PPNR	1.4 +	1.7	7.0	1.23 -	0.25	4.99 -	1668.	50.	4.
867	0000	-393	37.7179	81.5524	PPNR	1.4 +	1.6	7.2	1.10 -	0.22	5.07 -	1682.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-397	37.7180	81.5518	PPNR	1.4 +	1.8	7.5 +	1.30 -	0.24	5.43	1706.	52.	6.
869	0000	-401	37.7180	81.5513	PPNR	1.3 +	1.9	7.1	1.39	0.27	5.24 -	1678.	55.	7.
870	0000	-402	37.7180	81.5507	PPNR	1.3 +	2.0	6.8	1.51	0.29	5.16 -	1657.	54.	7.
871	0000	-403	37.7180	81.5502	PPNR	1.3 +	1.9	7.0	1.49	0.27	5.57	1617.	53.	7.
872	0000	-404	37.7180	81.5496	PPNR	1.2	1.8	7.0	1.38	0.23	6.02	1565.	53.	8.
873	0000	-405	37.7180	81.5491	PPNR	1.1	1.2 -	7.4 +	1.02 -	0.16 --	6.58	1524.	53.	9.
874	0000	-407	37.7180	81.5486	PPNR	1.1	1.2	7.3	1.08 -	0.16 -	6.64	1496.	51.	9.
875	0000	-409	37.7180	81.5480	PPNR	1.1	1.0 -	7.1	0.90 --	0.14 --	6.53	1486.	51.	9.
876	0000	-411	37.7180	81.5474	PPK	1.2	1.0 -	7.4	0.82 -	0.13 -	6.32 +	1537.	50.	9.
877	0000	-412	37.7180	81.5469	PPK	1.2	1.0 -	7.7 +	0.81 -	0.13 -	6.37 +	1556.	50.	9.
878	0000	-414	37.7180	81.5464	PPK	1.2	1.1	7.3	0.88 -	0.15 -	5.84	1602.	50.	9.
879	0000	-417	37.7180	81.5457	PPK	1.3	1.2	7.5	0.97 -	0.17 -	5.85	1670.	48.	9.
880	0000	-419	37.7180	81.5453	PPK	1.4	1.4	7.6 +	1.01	0.18 -	5.51	1743.	49.	9.
881	0000	-420	37.7180	81.5447	PPK	1.4	1.7	7.9 +	1.25	0.22	5.70	1788.	48.	8.
882	0000	-421	37.7180	81.5442	PPK	1.4 +	1.9	7.9 +	1.33	0.24	5.48	1822.	49.	7.
883	0000	-422	37.7180	81.5436	PPK	1.4	2.3 +	7.7 +	1.64	0.30	5.51	1830.	48.	6.
884	0000	-425	37.7180	81.5431	PPK	1.4	2.2 +	7.8 +	1.61	0.29	5.62	1852.	48.	6.
885	0000	-426	37.7180	81.5425	PPK	1.4	2.3 +	8.1 +	1.63	0.28	5.83	1875.	47.	5.
886	0000	-427	37.7180	81.5420	PPK	1.4	2.4 +	8.0 +	1.68	0.30	5.63	1872.	49.	4.
887	0000	-430	37.7180	81.5414	PPK	1.3	2.4 +	7.8 +	1.81	0.30	6.00	1818.	49.	3.
888	0000	-432	37.7180	81.5409	PPK	1.3	2.3 +	7.4	1.76	0.31	5.65	1789.	51.	3.
889	0000	-433	37.7180	81.5404	PPK	1.3	2.1	7.8 +	1.67	0.28	6.05	1756.	53.	3.
890	0000	-436	37.7180	81.5397	PPK	1.3	1.8	7.8 +	1.38	0.24	5.86	1761.	56.	3.
891	0000	-437	37.7180	81.5392	PPK	1.4	1.9	7.4	1.41	0.26	5.42	1765.	55.	3.
892	0000	-437	37.7180	81.5387	PPK	1.3	2.0	7.1	1.51	0.29	5.28	1738.	55.	2.
893	0000	-439	37.7180	81.5382	PPK	1.3	1.8	6.9	1.38	0.26	5.20	1707.	55.	3.
894	0000	-440	37.7180	81.5376	PPK	1.3	2.0	6.9	1.49	0.29	5.10	1703.	55.	4.
895	0000	-442	37.7180	81.5371	PPK	1.4	1.7	6.7	1.28	0.26	4.96	1692.	53.	5.
896	0000	-444	37.7180	81.5365	PPK	1.3	1.7	6.4	1.26	0.26	4.81	1679.	54.	6.
897	0000	-446	37.7180	81.5360	PPK	1.3	1.7	6.6	1.33	0.25	5.22	1654.	50.	6.
898	0000	-448	37.7180	81.5354	PPK	1.2	1.7	6.8	1.36	0.25	5.46	1639.	49.	6.
899	0000	-449	37.7180	81.5349	PPK	1.3	1.4	7.2	1.10	0.19	5.73	1647.	48.	7.
900	0000	-450	37.7180	81.5343	PPK	1.3	1.5	7.4	1.19	0.20	5.88	1655.	47.	7.
901	0000	-452	37.7180	81.5339	PPK	1.3	1.3	7.2	0.99 -	0.18 -	5.43	1659.	48.	6.
902	0000	-452	37.7180	81.5332	PPK	1.3	1.4	7.2	1.05	0.19	5.47	1653.	48.	6.
903	0000	-454	37.7180	81.5327	PPK	1.3	1.6	7.0	1.23	0.22	5.53	1646.	46.	6.
904	0000	-454	37.7180	81.5322	PPK	1.3	1.6	7.1	1.26	0.23	5.50	1645.	47.	5.
905	0000	-455	37.7180	81.5316	PPK	1.3	1.6	7.4	1.22	0.21	5.66	1671.	49.	5.
906	0000	-456	37.7180	81.5311	PPK	1.4	1.7	7.2	1.21	0.23	5.26	1697.	49.	5.
907	0000	-458	37.7180	81.5305	PPK	1.4 +	1.6	7.4	1.08	0.21	5.13	1717.	51.	6.
908	0000	-458	37.7180	81.5300	PPK	1.4	1.6	7.7 +	1.18	0.21	5.60	1739.	52.	7.
909	0000	-459	37.7180	81.5294	PPK	1.4	1.7	7.9 +	1.25	0.22	5.79	1778.	54.	7.
910	0000	-460	37.7180	81.5289	PPK	1.4	1.5	8.4 +	1.06	0.18 -	5.93	1797.	53.	8.
911	0000	-461	37.7180	81.5283	PPK	1.4	1.4	8.0 +	1.01	0.17 -	5.80	1774.	55.	9.
912	0000	-461	37.7180	81.5278	PPK	1.3	1.3	7.8 +	1.03	0.17 -	5.98	1726.	52.	8.
913	0000	-462	37.7180	81.5272	PPK	1.2	1.6	7.6 +	1.35	0.21	6.42 +	1681.	55.	7.
914	0000	-463	37.7181	81.5267	PPK	1.1	1.7	7.6 +	1.54	0.23	6.71 +	1665.	54.	6.
915	0000	-464	37.7181	81.5262	PPK	1.2	1.8	7.3	1.59	0.25	6.34 +	1634.	53.	5.
916	0000	-465	37.7181	81.5256	PPK	1.1	1.7	7.4	1.49	0.23	6.48 +	1579.	52.	4.
917	0000	-465	37.7181	81.5251	PPK	1.1	1.6	6.9	1.49	0.23	6.54 +	1512.	51.	4.
918	0000	-465	37.7181	81.5245	PPK	1.0	1.6	6.7	1.49	0.23	6.44 +	1451.	48.	4.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-466	37.7181	81.5240	PPK	1.0	1.6	6.5	1.61	0.24	6.64 +	1398.	49.	4.
920	0000	-467	37.7181	81.5234	PPK	0.9	1.3	6.2	1.41	0.21	6.80 +	1340.	46.	6.
921	0000	-468	37.7181	81.5229	PPK	0.8	1.5	5.8	1.76	0.22	7.35 +	1293.	47.	7.
922	0000	-470	37.7181	81.5223	PPNR	0.8	1.2	5.8	1.46	0.21 -	6.85	1267.	48.	7.
923	0000	-471	37.7181	81.5218	PPNR	0.8	1.2 -	5.8	1.37	0.20 -	6.78	1295.	47.	8.
924	0000	-471	37.7181	81.5213	PPNR	0.9	1.3	6.2	1.45	0.21 -	7.04	1350.	47.	8.
925	0000	-472	37.7181	81.5207	PPNR	1.0	1.3	6.6	1.34	0.19 -	6.95	1421.	48.	7.
926	0000	-474	37.7181	81.5202	PPNR	1.0	1.3	6.6	1.23 -	0.20 -	6.25	1488.	47.	6.
927	0000	-474	37.7181	81.5197	PPNR	1.2	1.6	6.9	1.38	0.23	5.92	1564.	49.	5.
928	0000	-474	37.7181	81.5190	PPK	1.3	1.5	7.0	1.17	0.21	5.47	1603.	49.	4.
929	0000	-475	37.7181	81.5184	PPK	1.3	1.7	7.1	1.32	0.25	5.38	1655.	48.	4.
930	0000	-477	37.7181	81.5178	PPK	1.4	2.0	7.2	1.45	0.27	5.33	1664.	47.	3.
931	0000	-476	37.7181	81.5173	PPK	1.4	2.2 +	6.7	1.58	0.33	4.84	1662.	47.	3.
932	0000	-477	37.7181	81.5167	PPK	1.3	2.3 +	6.4	1.78	0.36 +	4.90	1662.	47.	3.
933	0000	-478	37.7182	81.5160	PPK	1.3	2.3 +	6.2	1.68	0.36 +	4.62 -	1645.	49.	5.
934	0000	-478	37.7182	81.5155	PPK	1.3	2.0	6.1	1.60	0.34	4.77	1603.	48.	6.
935	0000	-480	37.7182	81.5149	PPK	1.2	2.0	6.1	1.59	0.33	4.87	1585.	47.	7.
936	0000	-480	37.7182	81.5143	PPK	1.2	1.8	6.0	1.52	0.30	5.00	1559.	46.	7.
937	0000	-481	37.7182	81.5137	PPK	1.1	1.8	5.6	1.58	0.32	4.93	1541.	49.	7.
938	0000	-482	37.7182	81.5131	PPK	1.1	1.7	5.8	1.50	0.29	5.11	1527.	50.	7.
939	0000	-482	37.7182	81.5125	PPK	1.2	1.5	6.1	1.32	0.25	5.19	1522.	50.	7.
940	0000	-482	37.7182	81.5119	PPK	1.1	1.7	6.1	1.55	0.29	5.44	1527.	49.	6.
941	0000	-483	37.7182	81.5113	PPK	1.2	1.7	6.2	1.44	0.27	5.36	1522.	50.	5.
942	0000	-484	37.7182	81.5108	PPK	1.2	1.7	5.9	1.49	0.29	5.09	1491.	52.	4.
943	0000	-485	37.7183	81.5102	PPK	1.1	1.7	5.5	1.49	0.31	4.84	1437.	53.	4.
944	0000	-485	37.7183	81.5095	PPK	1.1	1.6	5.4	1.44	0.30	4.83	1390.	52.	3.
945	0000	-485	37.7183	81.5090	PPK	1.1	1.6	5.2	1.48	0.31	4.75	1347.	51.	3.
946	0000	-487	37.7183	81.5084	PPK	1.1	1.7	4.9	1.56	0.34	4.53 -	1315.	52.	2.
947	0000	-488	37.7183	81.5078	PPK	1.1	1.6	5.4	1.47	0.29	4.99	1302.	52.	2.
948	0000	-488	37.7184	81.5072	PPNR	1.1	1.8	5.6	1.65	0.31	5.31 -	1314.	50.	1.
949	0000	-490	37.7184	81.5066	PPNR	1.1	1.7	5.9	1.61	0.29	5.51	1348.	50.	0.
950	0000	-491	37.7184	81.5060	PPNR	1.1	1.7	6.5	1.56	0.27	5.90	1400.	51.	0.
951	0000	-491	37.7184	81.5054	PPNR	1.1	1.8	6.9	1.57	0.26	5.99	1471.	51.	0.
952	0000	-491	37.7184	81.5048	PPNR	1.2	2.0	7.7 +	1.71	0.26	6.54	1554.	51.	1.
953	0000	-492	37.7185	81.5043	PPNR	1.2	1.8	8.1 +	1.53	0.23	6.76	1608.	51.	1.
954	0000	-493	37.7185	81.5036	PPNR	1.2	1.9	7.9 +	1.57	0.24	6.65	1621.	53.	2.
955	0000	-493	37.7185	81.5030	PPNR	1.2	2.0	7.9 +	1.67	0.25	6.62	1638.	54.	2.
956	0000	-492	37.7185	81.5025	PPNR	1.1	2.0	7.9 +	1.76	0.25	6.91	1634.	53.	3.
957	0000	-491	37.7185	81.5019	PPNR	1.1	2.0	8.0 +	1.78	0.25	7.07	1618.	53.	3.
958	0000	-493	37.7185	81.5013	PPNR	1.1	1.9	7.7 +	1.75	0.25	6.95	1568.	54.	4.
959	0000	-494	37.7185	81.5007	PPNR	1.1	1.6	6.9	1.49	0.24	6.24	1515.	54.	4.
960	0000	-494	37.7185	81.5001	PPNR	1.1	1.8	6.4	1.67	0.27	6.12	1450.	53.	4.
961	0000	-495	37.7185	81.4995	PPNR	1.0	1.6	6.5	1.55	0.24	6.51	1395.	54.	4.
962	0000	-495	37.7185	81.4989	PPNR	1.0	1.4	6.1	1.49	0.23	6.41	1351.	53.	4.
963	0000	-495	37.7186	81.4983	PPNR	0.9	1.5	6.2	1.55	0.23	6.65	1332.	53.	3.
964	0000	-496	37.7186	81.4978	PPNR	1.0	1.5	6.4	1.55	0.24	6.48	1361.	54.	3.
965	0000	-496	37.7186	81.4971	PPNR	1.0	1.7	6.7	1.69 +	0.25	6.69	1408.	54.	3.
966	0000	-497	37.7186	81.4965	PPNR	1.0	2.0	6.7	2.10	0.30	6.91	1423.	54.	2.
967	0000	-499	37.7186	81.4959	PPNR	1.0	2.1	6.8	2.03	0.31	6.64	1457.	55.	1.
968	0000	-499	37.7187	81.4954	PPNR	1.0	2.4 +	6.5	2.24	0.36	6.21	1497.	54.	1.
969	0000	-497	37.7187	81.4948	PPNR	1.1	2.1	6.5	1.85	0.32	5.83	1538.	52.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-496	37.7187	81.4942	PPNR	1.2	1.8	6.3	1.57	0.29	5.44	1564.	51.	3.
971	0000	-498	37.7187	81.4936	PPNR	1.1	1.9	6.3	1.79	0.30	5.94	1542.	50.	3.
972	0000	-499	37.7187	81.4930	PPNR	1.1	1.7	6.1	1.59	0.28	5.75	1487.	49.	3.
973	0000	-499	37.7187	81.4924	PPNR	1.1	1.5	6.2	1.38	0.24	5.77	1455.	51.	3.
974	0000	-498	37.7187	81.4918	PPNR	1.0	1.6	6.1	1.55	0.26	6.01	1436.	52.	3.
975	0000	-498	37.7187	81.4912	PPNR	1.1	1.5	6.1	1.44	0.25	5.66	1431.	51.	2.
976	0000	-499	37.7187	81.4906	PPNR	1.0	1.8	6.1	1.71	0.29	5.89	1410.	55.	1.
977	0000	-500	37.7187	81.4900	PPNR	1.0	2.0	6.7	2.01	0.30	6.73	1434.	55.	1.
978	0000	-499	37.7188	81.4894	PPK	1.1	2.0	6.3	1.93 +	0.33	5.93	1448.	56.	1.
979	0000	-500	37.7188	81.4889	PPK	1.1	2.2 +	6.5	2.07 +	0.34	6.12	1496.	56.	1.
980	0000	-502	37.7188	81.4883	PPK	1.1	2.0	6.9	1.82	0.29	6.20	1537.	54.	1.
981	0000	-501	37.7188	81.4876	PPK	1.2	1.7	7.2	1.45	0.24	6.15	1557.	51.	2.
982	0000	-502	37.7188	81.4871	PPNR	1.1	1.4	7.1	1.25 -	0.20 -	6.18	1535.	53.	3.
983	0000	-504	37.7189	81.4865	PPNR	1.1	1.4	7.1	1.26 -	0.20 -	6.36	1537.	51.	4.
984	0000	-501	37.7189	81.4859	PPNR	1.1	1.3	6.6	1.12 -	0.19 -	5.82	1497.	53.	5.
985	0000	-501	37.7189	81.4853	PPNR	1.1	1.3	6.5	1.15 -	0.20 -	5.86	1475.	53.	5.
986	0000	-502	37.7189	81.4847	PPNR	1.1	1.2	6.1	1.09 -	0.19 -	5.61	1437.	54.	5.
987	0000	-503	37.7189	81.4841	PPNR	1.1	1.2	5.8	1.14 -	0.21 -	5.44	1401.	56.	5.
988	0000	-504	37.7189	81.4835	PPNR	1.0	1.4	6.0	1.31 -	0.23	5.71	1412.	57.	5.
989	0000	-505	37.7189	81.4829	PPNR	1.1	1.6	6.3	1.50	0.25	5.92	1471.	55.	4.
990	0000	-506	37.7189	81.4824	PPNR	1.1	1.6	6.8	1.55	0.24	6.43	1498.	55.	5.
991	0000	-505	37.7189	81.4818	PPNR	1.0	1.7	6.6	1.70	0.26	6.53	1513.	54.	6.
992	0000	-505	37.7189	81.4811	PPNR	1.0	1.5	7.4 +	1.50	0.20 -	7.42	1542.	53.	7.
993	0000	-506	37.7189	81.4806	PPNR	1.0	1.4	7.3	1.49	0.20 -	7.57	1571.	53.	8.
994	0000	-506	37.7190	81.4800	PPNR	0.9	1.7	7.5 +	1.82	0.22	8.17 +	1599.	50.	8.
995	0000	-507	37.7190	81.4794	PPNR	0.9	2.0	6.4	2.35	0.32	7.32	1553.	49.	8.
996	0000	-507	37.7190	81.4788	PPNR	0.8	2.0	6.1	2.63 +	0.34	7.80	1486.	50.	8.
997	0000	-506	37.7190	81.4782	PPNR	0.8	1.9	5.4	2.46	0.36	6.94	1396.	51.	7.
998	0000	-507	37.7190	81.4776	PPK	0.8 -	1.8	5.2	2.28 +	0.34	6.78 +	1319.	53.	5.
999	0000	-509	37.7191	81.4770	PPK	0.7 -	1.9	4.4 -	2.56 +	0.44 ++	5.82	1241.	54.	4.
1000	0000	-510	37.7191	81.4764	PPK	0.7 -	2.0	4.3 -	2.63 +	0.46 ++	5.76	1178.	53.	3.
1001	0000	-510	37.7191	81.4759	PPK	0.7 -	1.9	3.8 -	2.57 +	0.49 ++	5.30	1122.	54.	2.
1002	0000	-511	37.7191	81.4753	PPNR	0.7	1.5	4.3 -	2.00	0.34	5.87	1094.	54.	1.
1003	0000	-512	37.7191	81.4746	PPNR	0.7	1.4	4.3 -	2.06	0.33	6.17	1063.	54.	1.
1004	0000	-512	37.7191	81.4741	PPNR	0.7	1.6	4.2 -	2.29	0.38 +	6.06	1091.	55.	1.
1005	0000	-513	37.7192	81.4735	PPNR	0.7	1.6	4.5 -	2.26	0.37	6.15	1131.	54.	1.
1006	0000	-513	37.7192	81.4729	PPNR	0.8	1.7	4.6	2.13	0.36	5.87	1166.	54.	1.
1007	0000	-514	37.7192	81.4723	PPNR	0.8	1.7	4.8	2.08	0.35	5.86	1202.	55.	2.
1008	0000	-513	37.7192	81.4717	PPNR	0.9	1.6	5.5	1.82	0.29	6.24	1269.	56.	2.
1009	0000	-512	37.7192	81.4711	PPK	0.9	1.8	6.0	1.94 +	0.29	6.63 +	1335.	55.	3.
1010	0000	-511	37.7192	81.4705	PPK	1.0	1.7	6.3	1.74	0.27	6.53 +	1378.	55.	4.
1011	0000	-512	37.7192	81.4699	PPK	1.0	1.3	6.5	1.30	0.20	6.69 +	1369.	54.	6.
1012	0000	-514	37.7192	81.4694	PPK	1.0	1.2	6.3	1.27	0.19	6.57 +	1338.	52.	7.
1013	0000	-515	37.7192	81.4688	PPK	0.9	1.0 -	6.3	1.15	0.16 -	6.99 +	1313.	53.	9.
1014	0000	-515	37.7193	81.4681	PPK	0.8	0.8 -	6.5	0.95 -	0.12 -	7.69 ++	1287.	54.	9.
1015	0000	-515	37.7193	81.4675	PPK	0.8 -	0.7 --	6.0	0.89 -	0.12 -	7.57 ++	1233.	52.	10.
1016	0000	-516	37.7193	81.4670	PPK	0.7 -	0.5 --	5.7	0.74 -	0.10 --	7.65 ++	1184.	53.	11.
1017	0000	-517	37.7193	81.4664	PPK	0.8 -	0.5 ---	5.6	0.64 --	0.09 ---	7.36 ++	1160.	53.	10.
1018	0000	-517	37.7193	81.4658	PPK	0.7 -	0.7 --	5.3	0.97 -	0.13 -	7.45 ++	1134.	54.	9.
1019	0000	-518	37.7194	81.4652	PPK	0.7 -	0.8 -	5.3	1.22	0.15 -	7.92 ++	1142.	55.	8.
1020	0000	-519	37.7194	81.4646	PPK	0.7 -	1.0 -	5.2	1.50	0.20	7.62 ++	1145.	53.	6.

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-520	37.7194	81.4640	PPK	0.7 -	1.3	4.8	2.02 +	0.28	7.17 ++	1155.	52.	6.
1022	0000	-519	37.7194	81.4634	PPK	0.7 -	1.3	4.9	1.93 +	0.26	7.30 ++	1152.	53.	5.
1023	0000	-519	37.7194	81.4628	PPNR	0.7	1.3	4.9	1.85	0.25	7.21	1152.	55.	5.
1024	0000	-520	37.7194	81.4623	PPNR	0.6	1.3	4.8	2.04	0.27	7.45	1147.	55.	6.
1025	0000	-522	37.7194	81.4616	PPNR	0.7	1.3	5.0	1.97	0.26	7.50	1166.	54.	6.
1026	0000	-524	37.7194	81.4610	PPNR	0.7	1.1 -	5.5	1.56	0.20 -	7.68	1186.	54.	7.
1027	0000	-523	37.7194	81.4605	PPNR	0.7	0.9 -	5.4	1.23 -	0.16 -	7.53	1178.	55.	8.
1028	0000	-522	37.7194	81.4599	PPNR	0.7	0.8 -	5.6	1.09 -	0.14 --	7.80	1169.	54.	8.
1029	0000	-523	37.7195	81.4593	PPNR	0.7	1.0 -	5.6	1.45	0.18 -	8.05 +	1179.	53.	8.
1030	0000	-523	37.7195	81.4587	PPNR	0.7	0.9 -	5.8	1.33	0.16 -	8.13 +	1186.	51.	8.
1031	0000	-522	37.7195	81.4581	PPNR	0.8	0.8 -	6.2	1.05 -	0.13 --	8.03 +	1223.	52.	7.
1032	0000	-523	37.7195	81.4575	PPNR	0.8	1.0 -	6.4	1.21 -	0.15 --	7.98 +	1271.	53.	6.
1033	0000	-523	37.7195	81.4569	PPNR	0.9	1.2	6.4	1.42	0.19 -	7.44	1337.	52.	6.
1034	0000	-522	37.7195	81.4563	PPNR	0.9	1.1 -	6.3	1.22 -	0.18 -	6.88	1385.	53.	6.
1035	0000	-523	37.7195	81.4557	PPNR	1.0	1.1 -	6.8	1.10 -	0.16 -	6.85	1430.	52.	6.
1036	0000	-524	37.7196	81.4551	PPNR	1.1	1.0 -	6.7	0.93 --	0.15 --	6.09	1455.	54.	6.
1037	0000	-525	37.7196	81.4545	PPNR	1.1	1.4	6.6	1.23 -	0.21 -	5.99	1493.	55.	6.
1038	0000	-525	37.7196	81.4540	PPNR	1.1	1.5	6.4	1.31 -	0.23	5.77	1504.	53.	7.
1039	0000	-525	37.7196	81.4534	PPK	1.1	1.3	6.1	1.16	0.21	5.54	1483.	54.	8.
1040	0000	-525	37.7196	81.4528	PPK	1.0	1.2	5.8	1.19	0.21	5.61	1416.	55.	8.
1041	0000	-525	37.7196	81.4522	PPK	1.0	1.3	5.8	1.40	0.23	6.04	1365.	55.	9.
1042	0000	-525	37.7196	81.4516	PPK	0.9	1.2	5.3	1.29	0.22	5.88	1293.	57.	8.
1043	0000	-526	37.7196	81.4510	PPK	0.8 -	1.0 -	5.2	1.21	0.19	6.26 +	1249.	58.	9.
1044	0000	-527	37.7197	81.4504	PPK	0.8 -	0.7 --	5.2	0.88 -	0.14 -	6.28 +	1218.	56.	9.
1045	0000	-530	37.7197	81.4498	PPK	0.8 -	0.9 -	5.0	1.05	0.17 -	6.08	1203.	60.	9.
1046	0000	-532	37.7197	81.4492	PPK	0.8 -	1.2	5.1	1.62	0.24	6.71 +	1226.	58.	8.
1047	0000	-531	37.7197	81.4486	PPK	0.8 -	1.2	5.2	1.47	0.24	6.17	1263.	56.	9.
1048	0000	-531	37.7197	81.4480	PPK	0.9	1.4	5.3	1.58	0.27	5.97	1306.	55.	7.
1049	0000	-532	37.7197	81.4475	PPK	0.9	1.6	5.4	1.73	0.29	5.95	1331.	54.	7.
1050	0000	-533	37.7198	81.4469	PPK	0.9	1.7	5.5	1.95 +	0.31	6.26 +	1336.	54.	6.
1051	0000	-533	37.7198	81.4462	PPK	0.9	1.8	5.3	2.05 +	0.34	6.01	1327.	54.	5.
1052	0000	-533	37.7198	81.4457	PPK	0.9	1.7	5.2	1.95 +	0.33	5.88	1302.	52.	3.
1053	0000	-535	37.7198	81.4451	PPK	0.9	1.6	5.1	1.67	0.31	5.37	1294.	55.	2.
1054	0000	-535	37.7198	81.4445	PPK	0.9	1.6	5.1	1.69	0.31	5.49	1289.	53.	1.
1055	0000	-534	37.7198	81.4439	PPK	0.9	1.6	5.1	1.68	0.31	5.42	1294.	54.	1.
1056	0000	-536	37.7198	81.4433	PPNR	0.9	1.8	5.0	1.96	0.37	5.31 -	1301.	55.	0.
1057	0000	-537	37.7198	81.4427	PPNR	1.0	1.8	5.1	1.83	0.35	5.29 -	1312.	55.	1.
1058	0000	-539	37.7198	81.4421	PPNR	0.9	1.7	5.0	1.89	0.35	5.43	1306.	56.	2.
1059	0000	-540	37.7198	81.4415	PPNR	0.9	1.6	5.4	1.77	0.30	5.87	1305.	53.	2.
1060	0000	-540	37.7199	81.4409	PPNR	0.9	1.5	5.3	1.71	0.28	6.04	1249.	51.	3.
1061	0000	-540	37.7199	81.4404	PPNR	0.8	1.2	5.4	1.49	0.23	6.59	1190.	53.	4.
1062	0000	-539	37.7199	81.4397	PPNR	0.7	0.9 -	5.6	1.18 -	0.16 --	7.55	1141.	55.	5.
1063	0000	-539	37.7199	81.4391	PPNR	0.8	0.5 --	5.7	0.63 ---	0.09 ---	7.05	1150.	56.	6.
1064	0000	-541	37.7199	81.4386	PPNR	0.8	0.6 -	5.6	0.76 --	0.11 ---	6.79	1152.	57.	7.
1065	0000	-542	37.7200	81.4380	PPK	0.8 -	0.7 --	5.8	0.84 -	0.12 -	7.11 +	1185.	59.	7.
1066	0000	-542	37.7200	81.4374	PPK	0.9	0.9 -	5.7	0.95 -	0.16 -	6.14	1247.	62.	8.
1067	0000	-544	37.7200	81.4368	PPK	0.9	0.9 -	5.5	0.99 -	0.17 -	5.86	1286.	62.	8.
1068	0000	-544	37.7200	81.4362	PPK	0.9	1.2	5.0	1.27	0.24	5.28	1303.	63.	9.
1069	0000	-543	37.7200	81.4356	PPNR	1.0	1.5	4.7	1.53	0.32	4.74 -	1316.	60.	8.
1070	0000	-546	37.7200	81.4350	PPNR	0.9	1.5	4.6	1.66	0.33	5.03 -	1281.	61.	8.
1071	0000	-548	37.7200	81.4344	PPNR	0.9	1.4	4.3 -	1.54	0.32	4.80 -	1243.	60.	8.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-547	37.7200	81.4339	PPNR	0.9	1.1 -	4.2 -	1.23 -	0.26	4.67 -	1204.	58.	9.
1073	0000	-548	37.7200	81.4332	PPNR	0.8	0.9 -	4.3 -	1.20 -	0.21 -	5.67	1160.	57.	9.
1074	0000	-549	37.7200	81.4326	PPNR	0.8	0.8 -	4.8	1.02 -	0.17 -	6.19	1166.	58.	9.
1075	0000	-550	37.7201	81.4321	PPNR	0.9	0.6 --	5.1	0.64 ---	0.11 ---	5.79	1188.	56.	10.
1076	0000	-551	37.7201	81.4315	PPNR	0.8	0.4 --	5.4	0.53 ---	0.08 ---	6.33	1199.	58.	10.
1077	0000	-551	37.7201	81.4309	PPNR	0.9	0.6 --	5.4	0.65 ---	0.11 ---	6.02	1213.	60.	9.
1078	0000	-552	37.7201	81.4303	PPK	0.9	0.7 --	5.6	0.70 --	0.12 -	6.08	1230.	60.	8.
1079	0000	-553	37.7201	81.4297	PPK	0.9	0.8 -	5.4	0.87 -	0.15 -	5.96	1215.	60.	7.
1080	0000	-554	37.7202	81.4290	PPK	0.9	1.1 -	5.2	1.22	0.20	5.99	1175.	60.	5.
1081	0000	-555	37.7202	81.4285	PPK	0.8 -	1.2	5.2	1.49	0.24	6.22 +	1146.	60.	4.
1082	0000	-556	37.7202	81.4279	PPK	0.7 -	1.7	5.2	2.32 +	0.33	7.00 +	1142.	60.	3.
1083	0000	-556	37.7202	81.4274	PPK	0.8 -	1.8	5.0	2.35 +	0.37 +	6.36 +	1151.	58.	3.
1084	0000	-557	37.7202	81.4267	PPNR	0.7	1.9	5.1	2.61 +	0.37	7.06	1171.	56.	3.
1085	0000	-558	37.7202	81.4261	PPNR	0.7	1.8	5.3	2.41	0.34	7.15	1183.	55.	5.
1086	0000	-560	37.7202	81.4256	PPNR	0.8	1.7	5.1	2.23	0.34	6.50	1221.	55.	7.
1087	0000	-561	37.7202	81.4250	PPNR	0.8	1.5	5.2	1.83	0.29	6.36	1241.	56.	8.
1088	0000	-560	37.7202	81.4243	PPNR	0.8	1.3	4.9	1.65	0.27	6.11	1239.	55.	10.
1089	0000	-560	37.7202	81.4237	PPNR	0.8	1.0 -	4.9	1.28 -	0.21 -	6.11	1225.	58.	11.
1090	0000	-562	37.7203	81.4232	PPNR	0.8	0.9 -	5.1	1.18 -	0.18 -	6.63	1231.	57.	13.
1091	0000	-564	37.7203	81.4225	PPNR	0.8	0.9 -	5.1	1.09 -	0.17 -	6.49	1247.	58.	13.
1092	0000	-566	37.7203	81.4220	PPNR	0.8	1.0 -	5.2	1.27 -	0.20 -	6.36	1313.	60.	13.
1093	0000	-568	37.7203	81.4214	PPNR	0.8	0.9 -	5.9	1.11 -	0.16 --	7.14	1379.	60.	12.
1094	0000	-568	37.7203	81.4209	PPNR	0.9	1.1 -	6.0	1.17 -	0.18 -	6.57	1428.	59.	12.
1095	0000	-570	37.7204	81.4202	PPNR	1.0	1.1 -	6.2	1.07 -	0.17 -	6.36	1451.	58.	11.
1096	0000	-571	37.7204	81.4196	PPNR	1.0	1.1 -	6.3	1.16 -	0.18 -	6.42	1448.	58.	11.
1097	0000	-570	37.7204	81.4191	PPNR	1.0	1.4	5.9	1.44	0.24	6.08	1425.	61.	9.
1098	0000	-571	37.7204	81.4185	PPNR	1.0	1.3	6.0	1.32 -	0.21	6.15	1409.	61.	9.
1099	0000	-573	37.7204	81.4178	PPNR	1.0	1.2	5.9	1.29 -	0.21 -	6.14	1372.	59.	7.
1100	0000	-573	37.7204	81.4172	PPNR	1.0	1.6	5.3	1.71	0.31	5.55	1334.	57.	6.
1101	0000	-574	37.7204	81.4166	PPNR	0.9	1.5	5.2	1.65	0.29	5.69	1351.	57.	6.
1102	0000	-575	37.7205	81.4160	PPNR	1.0	1.5	5.7	1.55	0.27	5.77	1435.	57.	6.
1103	0000	-575	37.7205	81.4155	PPNR	1.1	1.6	6.3	1.49	0.25	5.93	1539.	54.	7.
1104	0000	-577	37.7205	81.4149	PPNR	1.2	1.2	7.1	1.07 -	0.17 -	6.14	1587.	51.	8.
1105	0000	-577	37.7205	81.4144	PPNR	1.2	1.2	6.8	1.05 -	0.18 -	5.77	1587.	52.	9.
1106	0000	-577	37.7205	81.4137	PPNR	1.2	1.2 -	6.9	1.00 -	0.17 -	5.96	1573.	52.	9.
1107	0000	-579	37.7205	81.4130	PPNR	1.1	1.0 -	6.9	0.88 --	0.14 --	6.10	1542.	54.	10.
1108	0000	-580	37.7205	81.4124	PPNR	1.1	1.0 -	7.0	0.90 --	0.14 --	6.24.	1502.	53.	10.
1109	0000	-580	37.7205	81.4117	PPNR	1.0	1.1 -	6.7	1.07 -	0.17 -	6.34	1430.	53.	9.
1110	0000	-581	37.7206	81.4111	PPNR	1.0	0.9 -	5.8	0.89 --	0.16 --	5.52	1341.	55.	9.
1111	0000	-582	37.7206	81.4104	PPNR	1.0	1.1 -	5.5	1.15 -	0.20 -	5.62	1316.	56.	9.
1112	0000	-584	37.7206	81.4097	PPK	1.0	1.4	5.8	1.30	0.23	5.56	1375.	53.	8.
1113	0000	-585	37.7206	81.4091	PPK	1.1	1.5	6.2	1.37	0.24	5.73	1426.	54.	8.
1114	0000	-586	37.7206	81.4086	PPK	1.1	1.9	7.0	1.67	0.27	6.20	1549.	53.	7.
1115	0000	-586	37.7207	81.4079	PPNR	1.2	1.9	7.3	1.57	0.26	5.95	1658.	53.	7.
1116	0000	-588	37.7207	81.4072	PPNR	1.2	2.1	7.4 +	1.71	0.28	6.02	1713.	53.	7.
1117	0000	-591	37.7207	81.4066	PPNR	1.2	2.5 +	7.8 +	2.03	0.32	6.42	1785.	54.	6.
1118	0000	-591	37.7207	81.4059	PPNR	1.3 +	2.5 +	7.9 +	1.92	0.32	6.09	1862.	53.	6.
1119	0000	-592	37.7207	81.4053	PPNR	1.3 +	2.6 +	8.1 +	2.01	0.32	6.30	1867.	55.	5.
1120	0000	-593	37.7207	81.4046	PPNR	1.3 +	2.6 +	7.7 +	2.08	0.34	6.08	1875.	53.	4.
1121	0000	-592	37.7207	81.4040	PPNR	1.3 +	2.3 +	7.7 +	1.83	0.30	6.09	1825.	52.	4.
1122	0000	-594	37.7207	81.4034	PPNR	1.3 +	2.4 +	7.9 +	1.88	0.30	6.25	1793.	52.	3.

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-597	37.7207	8'.4028	PPNR	1.3 +	2.2	8.0 +	1.74	0.28	6.31	1788.	53.	3.
1124	0000	-598	37.7207	8 .4021	PPNR	1.2	2.1	8.2 +	1.70	0.25	6.67	1761.	53.	4.
1125	0000	-600	37.7208	81.4015	PPNR	1.2	2.0	8.5 +	1.72	0.24	7.23	1739.	52.	3.
1126	0000	-602	37.7208	81.4008	PPNR	1.2	1.8	8.5 +	1.49	0.21	6.92	1743.	53.	5.
1127	0000	-603	37.7208	81.4001	PPNR	1.3 +	1.9	8.7 +	1.52	0.22	6.80	1784.	53.	5.
1128	0000	-604	37.7208	81.3995	PPNR	1.3 +	1.8	8.6 +	1.39	0.20 -	6.80	1782.	52.	7.
1129	0000	-605	37.7208	81.3988	PPNR	1.2 +	1.8	8.1 +	1.44	0.22	6.52	1753.	51.	7.
1130	0000	-607	37.7209	81.3982	PPNR	1.2	1.8	8.0 +	1.47	0.22	6.64	1735.	50.	8.
1131	0000	-607	37.7209	81.3976	PPNR	1.2	1.7	7.9 +	1.42	0.22	6.49	1712.	47.	8.
1132	0000	-608	37.7209	81.3970	PPNR	1.2	1.6	7.4	1.32 -	0.21	6.21	1659.	49.	8.
1133	0000	-610	37.7209	81.3963	PPNR	1.1	1.6	7.2	1.40	0.22	6.39	1584.	48.	8.
1134	0000	-609	37.7209	81.3957	PPNR	1.0	1.4	6.7	1.41	0.22	6.53	1479.	49.	8.
1135	0000	-610	37.7209	81.3950	PPNR	1.0	1.5	6.3	1.48	0.24	6.16	1421.	50.	8.
1136	0000	-613	37.7209	81.3943	PPNR	1.0	1.5	6.3	1.52	0.23	6.57	1380.	52.	7.
1137	0000	-612	37.7209	81.3937	PPNR	1.0	1.4	5.7	1.49	0.25	5.91	1338.	53.	7.
1138	0000	-613	37.7209	81.3930	PPNR	1.0	1.4	5.2	1.45	0.27	5.30 -	1333.	55.	6.
1139	0000	-613	37.7209	81.3925	PPNR	1.0	1.6	5.1	1.63	0.32	5.15 -	1345.	55.	6.
1140	0000	-614	37.7210	81.3918	PPNR	1.0	1.9	5.1	1.97	0.37	5.27 -	1388.	53.	5.
1141	0000	-616	37.7210	81.3912	PPNR	1.0	2.0	5.3	2.01	0.37 +	5.36 -	1430.	54.	5.
1142	0000	-617	37.7210	81.3905	PPNR	1.0	2.1	5.3	2.15	0.40 +	5.37 -	1445.	54.	4.
1143	0000	-618	37.7210	81.3899	PPNR	0.9	2.3 +	5.3	2.45	0.43 +	5.68	1449.	53.	4.
1144	0000	-619	37.7211	81.3892	PPNR	0.9	2.4 +	5.9	2.55	0.40 +	6.43	1458.	51.	3.
1145	0000	-619	37.7211	81.3885	PPNR	0.9	2.4 +	6.1	2.67 +	0.39 +	6.91	1440.	51.	4.
1146	0000	-620	37.7211	81.3879	PPNR	0.9	2.3 +	6.2	2.62 +	0.37	7.16	1428.	51.	4.
1147	0000	-622	37.7211	81.3873	PPNR	0.8	2.1	6.2	2.47	0.33	7.44	1406.	51.	5.
1148	0000	-623	37.7211	81.3867	PPNR	0.8	1.9	6.2	2.23	0.30	7.34	1378.	51.	6.
1149	0000	-624	37.7211	81.3860	PPNR	0.9	1.7	6.0	1.97	0.28	6.98	1355.	51.	6.
1150	0000	-626	37.7211	81.3854	PPNR	0.9	1.5	5.7	1.72	0.26	6.72	1330.	52.	7.
1151	0000	-627	37.7211	81.3847	PPNR	0.9	1.2	5.2	1.38	0.23	5.99	1304.	53.	8.
1152	0000	-627	37.7211	81.3841	PPNR	0.8	1.2	5.2	1.45	0.23	6.23	1298.	52.	8.
1153	0000	-627	37.7211	81.3834	PPNR	0.8	1.3	5.3	1.55	0.24	6.35	1298.	51.	7.
1154	0000	-628	37.7212	81.3828	PPNR	0.9	1.3	5.1	1.52	0.25	5.95	1301.	52.	7.
1155	0000	-629	37.7212	81.3822	PPNR	0.9	1.3	5.0	1.48	0.26	5.73	1298.	49.	6.
1156	0000	-633	37.7212	81.3815	PPNR	0.8	1.4	5.3	1.68	0.27	6.22	1299.	48.	5.
1157	0000	-634	37.7212	81.3809	PPNR	0.9	1.3	5.6	1.46	0.23	6.24	1317.	49.	5.
1158	0000	-635	37.7212	81.3802	PPNR	0.9	1.6	6.1	1.67	0.26	6.54	1357.	47.	4.
1159	0000	-638	37.7212	81.3796	PPNR	1.0	1.6	6.3	1.67	0.25	6.58	1393.	47.	5.
1160	0000	-637	37.7213	81.3789	PPNR	0.9	1.4	6.0	1.53	0.24	6.37	1380.	50.	6.
1161	0000	-637	37.7213	81.3783	PPNR	0.9	1.4	6.3	1.46	0.22	6.75	1367.	49.	6.
1162	0000	-638	37.7213	81.3777	PPNR	0.9	1.4	6.5	1.55	0.21	7.30	1341.	52.	5.
1163	0000	-639	37.7213	81.3770	PPNR	0.9	1.3	6.6	1.45	0.20 -	7.27	1338.	52.	5.
1164	0000	-639	37.7213	81.3764	PPNR	0.9	1.5	6.4	1.71	0.24	7.22	1328.	56.	4.
1165	0000	-642	37.7213	81.3758	PPNR	0.9	1.4	6.5	1.57	0.21 -	7.52	1281.	58.	3.
1166	0000	-643	37.7213	81.3751	PPNR	0.8	1.2	5.9	1.46	0.20 -	7.16	1224.	58.	3.
1167	0000	-643	37.7213	81.3745	PPNR	0.8	1.3	5.8	1.55	0.22	7.19	1186.	55.	2.
1168	0000	-644	37.7213	81.3738	PPNR	0.8	1.3	5.4	1.62	0.24	6.83	1153.	59.	2.
1169	0000	-645	37.7214	81.3732	PPNR	0.8	1.1 -	5.5	1.36	0.20 -	6.81	1158.	59.	3.
1170	0000	-646	37.7214	81.3725	PPNR	0.8	0.9 -	5.4	1.09 -	0.17 -	6.57	1163.	59.	5.
1171	0000	-648	37.7214	81.3719	PPNR	0.8	0.7 -	5.5	0.91 --	0.13 --	6.73	1151.	57.	5.
1172	0000	-650	37.7214	81.3712	PPNR	0.8	0.7 -	5.0	0.95 --	0.15 --	6.38	1127.	55.	7.
1173	0000	-650	37.7214	81.3706	PPNR	0.8	0.6 --	5.1	0.72 --	0.11 ---	6.38	1117.	56.	8.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-650	37.7215	81.3700 PPNR	0.8	0.6 -	5.2	0.81 --	0.12 --	6.57	1154.	57.	9.
1175	0000	-652	37.7215	81.3693 PPNR	0.8	0.6 --	5.2	0.74 --	0.11 ---	6.56	1179.	58.	10.
1176	0000	-653	37.7215	81.3687 PPNR	0.8	0.7 -	5.1	0.92 --	0.14 --	6.43	1193.	59.	10.
1177	0000	-654	37.7215	81.3681 PPNR	0.8	0.9 -	5.1	1.16 -	0.18 -	6.51	1194.	61.	10.
1178	0000	-656	37.7215	81.3674 PPNR	0.8	1.0 -	4.7	1.27 -	0.20 -	6.24	1198.	59.	9.
1179	0000	-657	37.7215	81.3667 PPNR	0.8	0.9 -	5.3	1.14 -	0.17 -	6.64	1222.	59.	8.
1180	0000	-656	37.7215	81.3661 PPNR	0.8	1.1 -	5.7	1.34	0.19 -	7.17	1266.	59.	8.
1181	0000	-656	37.7215	81.3655 PPNR	0.8	1.1 -	5.6	1.39	0.20 -	6.91	1304.	59.	8.
1182	0000	-659	37.7215	81.3649 PPNR	0.9	1.1 -	6.2	1.25 -	0.18 -	7.05	1334.	57.	6.
1183	0000	-661	37.7216	81.3642 PPNR	0.9	1.3	6.2	1.46	0.21 -	7.07	1331.	55.	6.
1184	0000	-658	37.7216	81.3636 PPNR	0.8	1.2	5.9	1.39	0.20 -	6.96	1307.	[illegible]	6.
1185	0000	-660	37.7216	81.3629 PPNR	0.9	1.2	5.7	1.42	0.21	6.60	1296.	[illegible]	5.
1186	0000	-663	37.7216	81.3623 PPNR	0.9	1.3	5.3	1.54	0.25	6.13	1304.	58.	6.
1187	0000	-663	37.7216	81.3616 PPNR	0.8	1.4	4.9	1.68	0.29	5.85	1263.	58.	5.
1188	0000	-663	37.7217	81.3610 PPNR	0.8	1.3	5.1	1.61	0.26	6.31	1208.	57.	4.
1189	0000	-664	37.7217	81.3603 PPNR	0.8	1.4	4.7	1.86	0.30	6.15	1175.	56.	4.
1190	0000	-666	37.7217	81.3597 PPNR	0.8	1.4	4.7	1.85	0.30	6.22	1170.	56.	3.
1191	0000	-667	37.7217	81.3591 PPNR	0.8	1.5	5.0	1.89	0.30	6.34	1171.	55.	2.
1192	0000	-668	37.7217	81.3585 PPNR	0.8	1.4	5.5	1.84	0.26	7.01	1172.	54.	1.
1193	0000	-668	37.7217	81.3578 PPNR	0.7	1.6	5.7	2.18	0.28	7.76	1157.	54.	1.
1194	0000	-670	37.7217	81.3571 PPNR	0.7	1.7	5.8	2.27	0.29	7.77	1202.	52.	1.
1195	0000	-671	37.7217	81.3565 PPNR	0.8	1.7	5.6	2.06	0.30	6.92	1244.	52.	1.
1196	0000	-671	37.7217	81.3558 PPNR	0.8	1.8	6.1	2.17	0.29	7.39	1283.	53.	2.
1197	0000	-671	37.7217	81.3552 PPNR	0.9	1.7	6.3	2.01	0.28	7.29	1322.	55.	3.
1198	0000	-673	37.7218	81.3546 PPNR	0.9	1.9	6.5	2.12	0.29	7.38	1392.	52.	4.
1199	0000	-673	37.7218	81.3540 PPNR	0.9	2.0	6.6	2.17	0.30	7.29	1455.	51.	5.
1200	0000	-673	37.7218	81.3533 PPNR	1.0	1.9	6.6	1.84	0.29	6.46	1507.	50.	6.
1201	0000	-675	37.7218	81.3527 PPNR	1.0	1.7	6.8	1.65	0.25	6.64	1500.	51.	7.
1202	0000	-676	37.7218	81.3520 PPNR	1.0	1.6	7.0	1.64	0.23	7.02	1465.	52.	7.
1203	0000	-675	37.7218	81.3513 PPNR	1.0	1.5	6.8	1.52	0.22	6.76	1410.	52.	7.
1204	0000	-675	37.7218	81.3507 PPNR	1.0	1.3	6.5	1.35	0.21 -	6.53	1365.	50.	7.
1205	0000	-676	37.7218	81.3500 PPNR	0.9	1.3	6.2	1.42	0.22	6.57	1309.	51.	7.
1206	0000	-677	37.7218	81.3495 PPNR	0.9	1.2	5.6	1.31 -	0.21 -	6.30	1255.	53.	7.
1207	0000	-677	37.7218	81.3488 PPNR	0.8	1.2	5.7	1.40	0.21 -	6.77	1222.	54.	7.
1208	0000	-679	37.7219	81.3482 PPNR	0.8	1.4	5.4	1.63	0.25	6.49	1217.	55.	6.
1209	0000	-679	37.7219	81.3475 PPNR	0.8	1.3	5.2	1.62	0.25	6.39	1232.	57.	5.
1210	0000	-679	37.7219	81.3468 PPNR	0.9	1.2	5.6	1.41	0.22	6.35	1274.	58.	5.
1211	0000	-680	37.7219	81.3462 PPNR	0.8	1.5	5.8	1.81	0.26	7.01	1306.	59.	3.
1212	0000	-680	37.7219	81.3456 PPNR	0.9	1.4	5.9	1.64	0.24	6.83	1314.	59.	3.
1213	0000	-681	37.7220	81.3449 PPNR	0.9	1.6	6.4	1.79	0.24	7.32	1326.	59.	1.
1214	0000	-682	37.7220	81.3442 PPNR	0.9	1.5	6.7	1.71	0.22	7.60	1339.	59.	1.
1215	0000	-682	37.7220	81.3437 PPNR	0.9	1.3	7.1	1.47	0.19 -	7.87	1349.	59.	1.
1216	0000	-682	37.7220	81.3430 PPNR	1.0	1.4	7.0	1.48	0.21 -	7.17	1373.	58.	1.
1217	0000	-684	37.7220	81.3424 PPNR	1.0	1.7	6.6	1.73	0.26	6.64	1397.	59.	1.
1218	0000	-686	37.7220	81.3417 PPNR	1.1	1.7	6.4	1.61	0.27	5.88	1433.	58.	2.
1219	0000	-687	37.7220	81.3411 PPNR	1.1	1.7	6.7	1.59	0.25	6.25	1436.	58.	2.
1220	0000	-687	37.7220	81.3404 PPNR	1.0	1.8	6.3	1.72	0.28	6.12	1418.	59.	3.
1221	0000	-688	37.7220	81.3398 PPNR	1.0	1.9	5.9	1.77	0.31	5.66	1402.	57.	4.
1222	0000	-688	37.7221	81.3391 PPNR	1.1	1.8	5.4	1.68	0.33	5.08 -	1387.	56.	5.
1223	0000	-688	37.7221	81.3385 PPNR	1.0	1.8	5.5	1.81	0.33	5.44	1375.	55.	4.
1224	0000	-690	37.7221	81.3379 PPNR	1.0	1.6	5.7	1.67	0.28	5.95	1359.	55.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY. 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-690	37.7221	81.3372	PPNR	0.8	1.5	6.0	1.59	0.25	6.47	1328.	56.	5.
1226	0000	-690	37.7221	81.3366	PPNR	0.9	1.7	6.0	1.81	0.28	6.36	1353.	56.	4.
1227	0000	-691	37.7222	81.3359	PPNR	1.0	1.6	6.0	1.65	0.27	6.10	1383.	56.	3.
1228	0000	-692	37.7222	81.3353	PPNR	1.0	1.6	6.1	1.57	0.26	6.09	1402.	56.	3.
1229	0000	-692	37.7222	81.3346	PPNR	1.0	1.6	6.4	1.59	0.26	6.24	1424.	54.	2.
1230	0000	-691	37.7222	81.3340	PPNR	1.0	1.5	6.5	1.51	0.23	6.56	1429.	53.	1.
1231	0000	-693	37.7222	81.3333	PPNR	1.0	1.6	6.8	1.55	0.23	6.82	1462.	51.	2.
1232	0000	-695	37.7222	81.3328	PPNR	1.0	1.5	7.1	1.47	0.21	6.90	1492.	51.	3.
1233	0000	-695	37.7222	81.3321	PPNR	1.0	1.2	6.6	1.19 -	0.19 -	6.39	1504.	49.	5.
1234	0000	-695	37.7222	81.3315	PPNR	1.1	1.3	6.9	1.20 -	0.19 -	6.24	1548.	47.	6.
1235	0000	-697	37.7222	81.3308	PPNR	1.1	1.8	7.2	1.65	0.24	6.82	1593.	49.	6.
1236	0000	-697	37.7222	81.3302	PPNR	1.2	1.9	7.8 +	1.65	0.25	6.71	1662.	52.	6.
1237	0000	-696	37.7223	81.3295	PPNR	1.2	2.0	8.1 +	1.64	0.25	6.55	1725.	54.	7.
1238	0000	-699	37.7223	81.3288	PPNR	1.3 +	2.1	7.4 +	1.71	0.29	5.95	1697.	53.	7.
1239	0000	-700	37.7223	81.3282	PPNR	1.2	2.5 +	6.9	2.08	0.36	5.76	1672.	54.	5.
1240	0000	-699	37.7223	81.3276	PPNR	1.2	2.7 +	7.0	2.32	0.39 +	5.97	1650.	56.	4.
1241	0000	-701	37.7223	81.3270	PPNR	1.1	2.6 +	6.7	2.35	0.38 +	6.13	1593.	58.	3.
1242	0000	-701	37.7224	81.3263	PPNR	1.1	2.2	6.5	1.94	0.34	5.78	1562.	58.	3.
1243	0000	-701	37.7224	81.3257	PPNR	1.1	2.0	6.3	1.87	0.32	5.75	1520.	57.	3.
1244	0000	-701	37.7224	81.3250	PPNR	1.1	2.1	5.9	1.96	0.36	5.45	1494.	55.	2.
1245	0000	-701	37.7224	81.3244	PPNR	1.1	2.1	6.4	1.88	0.32	5.83	1523.	56.	2.
1246	0000	-702	37.7224	81.3237	PPNR	1.1	1.8	7.0	1.55	0.26	6.09	1560.	57.	3.
1247	0000	-704	37.7224	81.3230	PPNR	1.2	1.6	7.4 +	1.38	0.22	6.36	1586.	57.	4.
1248	0000	-705	37.7225	81.3225	PPNR	1.2	1.5	7.9 +	1.30 -	0.20 -	6.68	1646.	56.	4.
1249	0000	-705	37.7225	81.3218	PPNR	1.2	1.6	7.9 +	1.38	0.21 -	6.71	1670.	56.	4.
1250	0000	-706	37.7225	81.3212	PPNR	1.1	1.9	7.9 +	1.70	0.25	6.91	1686.	55.	4.
1251	0000	-703	37.7225	81.3205	PPNR	1.1	2.0	7.8 +	1.81	0.26	6.97	1668.	58.	4.
1252	0000	-700	37.7225	81.3199	PPNR	1.1	2.1	7.7 +	1.89	0.27	7.05	1653.	59.	3.
1253	0000	-696	37.7225	81.3192	PPNR	1.1	2.1	7.3	1.97	0.29	6.82	1595.	57.	3.
1254	0000	-696	37.7225	81.3186	PPNR	1.0	2.2	7.0	2.12	0.32	6.73	1552.	58.	2.
1255	0000	-700	37.7225	81.3180	PPNR	1.0	2.3 +	6.6	2.32	0.35	6.56	1494.	57.	1.
1256	0000	-704	37.7226	81.3173	PPNR	1.0	2.3 +	6.5	2.39	0.36	6.66	1455.	57.	1.
1257	0000	-707	37.7226	81.3167	PPNR	0.9	2.1	6.2	2.28	0.35	6.59	1407.	57.	1.
1258	0000	-707	37.7226	81.3161	PPNR	0.9	2.0	6.3	2.26	0.33	6.94	1427.	55.	1.
1259	0000	-708	37.7226	81.3154	PPNR	0.9	1.9	6.2	2.07	0.31	6.59	1456.	53.	2.
1260	0000	-710	37.7226	81.3147	PPNR	0.9	1.8	6.3	2.01	0.29	6.86	1476.	55.	3.
1261	0000	-711	37.7226	81.3141	PPNR	0.9	1.7	6.5	1.79	0.26	6.94	1474.	55.	4.
1262	0000	-710	37.7226	81.3134	PPNR	0.9	1.8	6.3	2.04	0.29	7.04	1468.	55.	5.
1263	0000	-709	37.7226	81.3128	PPNR	0.9	1.6	6.4	1.76	0.25	7.00	1449.	55.	6.
1264	0000	-710	37.7227	81.3122	PPNR	0.9	1.6	6.5	1.76	0.24	7.23	1431.	56.	6.
1265	0000	-710	37.7227	81.3116	PPNR	0.9	1.4	6.5	1.61	0.22	7.47	1368.	58.	7.
1266	0000	-709	37.7227	81.3109	PPNR	0.8	1.4	6.3	1.85	0.23	8.20 +	1301.	57.	6.
1267	0000	-711	37.7227	81.3102	PPNR	0.8	1.5	6.1	1.89	0.24	7.97 +	1268.	55.	5.
1268	0000	-712	37.7227	81.3096	PPNR	0.8	1.7	6.1	2.10	0.27	7.69	1293.	51.	4.
1269	0000	-711	37.7227	81.3089	PPNR	0.9	1.5	6.2	1.67	0.24	7.05	1320.	52.	5.
1270	0000	-711	37.7227	81.3083	PPNR	0.9	1.8	6.1	1.97	0.30	6.65	1364.	52.	3.
1271	0000	-712	37.7228	81.3077	PPNR	1.0	1.8	6.2	1.84	0.29	6.37	1411.	51.	4.
1272	0000	-713	37.7228	81.3070	PPNR	1.0	1.9	6.0	1.92	0.32	5.95	1441.	49.	5.
1273	0000	-714	37.7228	81.3064	PPNR	1.1	1.9	6.2	1.69	0.30	5.57	1500.	51.	6.
1274	0000	-714	37.7228	81.3058	PPNR	1.2	1.9	6.5	1.55	0.29	5.37 -	1569.	50.	7.
1275	1000	-715	37.7228	81.3051	PPNR	1.2	2.0	6.4	1.63	0.31	5.21 -	1586.	53.	8.

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	1000	-715	37.7228	81.3045	PPNR	1.2	1.9	6.5	1.58	0.29	5.45	1603.	53.	10.
1277	0000	-716	37.7228	81.3038	PPNR	1.2	1.5	6.7	1.28 -	0.22	5.77	1588.	54.	11.
1278	0000	-717	37.7228	81.3032	PPNR	1.1	1.3	6.9	1.22 -	0.19 -	6.31	1555.	54.	11.
1279	0000	-718	37.7228	81.3026	PPNR	1.1	1.6	7.0	1.47	0.23	6.52	1550.	57.	10.
1280	0000	-720	37.7228	81.3019	PPNR	1.0	1.6	7.4 +	1.60	0.22	7.28	1538.	57.	9.
1281	0000	-720	37.7229	81.3012	PPNR	1.0	1.6	7.8 +	1.53	0.20 -	7.62	1543.	58.	9.
1282	0000	-720	37.7229	81.3006	PPNR	1.1	1.5	8.3 +	1.43	0.18 -	7.90	1568.	59.	8.
1283	0000	-720	37.7229	81.3000	PPNR	1.0	1.9	8.3 +	1.85	0.23	8.05 +	1568.	58.	6.
1284	0000	-720	37.7229	81.2993	PPNR	1.0	2.3 +	8.0 +	2.34	0.28	8.23 +	1533.	57.	5.
1285	0000	-721	37.7229	81.2987	PPNR	1.0	2.4 +	7.8 +	2.47	0.31	7.98 +	1523.	57.	5.
1286	0000	-723	37.7230	81.2981	PPNR	1.0	2.2	8.1 +	2.19	0.27	8.23 +	1517.	55.	5.
1287	0000	-723	37.7230	81.2974	PPNR	1.0	2.1	7.5 +	2.08	0.28	7.45	1499.	54.	6.
1288	0000	-721	37.7230	81.2968	PPNR	0.9	1.9	6.9	2.06	0.28	7.42	1466.	55.	7.
1289	0000	-719	37.7230	81.2961	PPNR	0.9	1.7	6.6	1.93	0.26	7.32	1411.	54.	7.
1290	0000	-719	37.7230	81.2955	PPNR	0.9	1.5	6.5	1.63	0.23	7.04	1399.	55.	8.
1291	0000	-720	37.7230	81.2948	PPNR	1.1	1.4	6.6	1.32 -	0.21 -	6.26	1460.	54.	9.
1292	0000	-722	37.7230	81.2942	PPNR	1.2	1.3	6.8	1.14 -	0.20 -	5.77	1527.	53.	8.
1293	0000	-724	37.7229	81.2936	PPNR	1.2	1.2	6.5	0.98 -	0.18 -	5.39 -	1531.	53.	9.
1294	0000	-726	37.7229	81.2929	PPNR	1.1	1.3	6.3	1.14 -	0.21 -	5.54	1498.	55.	9.
1295	0000	-729	37.7229	81.2923	PPNR	1.1	1.5	6.2	1.34	0.25	5.43	1453.	56.	7.
1296	0000	-729	37.7229	81.2916	PPNR	1.1	1.6	5.8	1.47	0.28	5.34 -	1436.	55.	7.
1297	0000	-727	37.7229	81.2910	PPNR	1.1	1.5	5.9	1.37	0.25	5.39 -	1410.	54.	6.
1298	0000	-729	37.7229	81.2903	PPNR	1.0	1.3	6.0	1.35	0.22	6.09	1354.	52.	6.
1299	0000	-730	37.7228	81.2897	PPNR	0.9	1.4	5.5	1.59	0.25	6.35	1271.	55.	7.
1300	0000	-730	37.7228	81.2890	PPNR	0.8	1.4	5.3	1.64	0.26	6.34	1250.	55.	6.
1301	0000	-731	37.7228	81.2883	PPNR	0.9	1.2 -	5.5	1.31 -	0.21 -	6.28	1261.	55.	6.
1302	0000	-732	37.7228	81.2877	PPNR	0.9	1.2	5.7	1.34	0.21 -	6.36	1323.	52.	7.
1303	0000	-733	37.7228	81.2870	PPNR	1.0	1.4	5.9	1.41	0.25	5.73	1406.	55.	6.
1304	0000	-734	37.7228	81.2864	PPNR	1.0	1.5	6.3	1.46	0.24	6.15	1456.	56.	6.
1305	0000	-735	37.7227	81.2858	PPNR	1.0	1.9	6.1	1.83	0.31	5.99	1506.	59.	5.
1306	0000	-735	37.7227	81.2852	PPNR	1.1	2.0	6.8	1.89	0.30	6.38	1571.	58.	4.
1307	0000	-735	37.7227	81.2845	PPNR	1.1	2.3 +	7.2	2.12	0.32	6.57	1625.	57.	3.
1308	0000	-736	37.7227	81.2839	PPNR	1.1	2.5 +	7.4 +	2.16	0.33	6.96	1672.	56.	2.
1309	0000	-737	37.7227	81.2832	PPNR	1.1	2.6 +	7.8 +	2.23	0.33	6.77	1701.	56.	2.
1310	0000	-737	37.7227	81.2825	PPNR	1.1	2.6 +	7.7 +	2.38	0.34	7.05	1689.	55.	1.
1311	0000	-739	37.7226	81.2819	PPNR	1.2	2.6 +	7.6 +	2.23	0.34	6.63	1701.	54.	1.
1312	0000	-740	37.7226	81.2813	PPNR	1.2	2.3	7.8 +	1.85	0.29	6.39	1729.	52.	1.
1313	0000	-738	37.7226	81.2806	PPNR	1.3 +	2.3 +	7.3	1.79	0.31	5.71	1721.	53.	1.
1314	0000	-737	37.7225	81.2800	PPNR	1.3 +	2.0	7.4 +	1.58	0.28	5.76	1719.	53.	2.
1315	0000	-740	37.7225	81.2793	PPNR	1.2	2.2	7.2	1.81	0.31	5.90	1687.	51.	1.
1316	0000	-741	37.7225	81.2787	PPNR	1.2	2.1	6.8	1.72	0.30	5.68	1618.	53.	2.
1317	0000	-741	37.7225	81.2780	PPNR	1.2	1.7	6.7	1.49	0.26	5.72	1580.	53.	2.
1318	0000	-743	37.7225	81.2774	PPNR	1.1	1.8	6.5	1.56	0.28	5.67	1537.	52.	2.
1319	0000	-745	37.7225	81.2767	PPNR	1.0	2.0	6.2	1.94	0.33	5.93	1457.	54.	2.
1320	0000	-744	37.7225	81.2762	PPNR	0.9	1.8	6.4	1.88	0.28	6.81	1411.	52.	2.
1321	0000	-744	37.7225	81.2755	PPNR	0.9	1.7	6.0	1.96	0.29	6.86	1348.	53.	3.
1322	0000	-746	37.7225	81.2749	PPNR	0.9	1.4	5.9	1.65	0.25	6.74	1308.	55.	3.
1323	0000	-747	37.7224	81.2742	PPNR	0.9	1.5	5.7	1.78	0.27	6.61	1284.	57.	3.
1324	0000	-748	37.7224	81.2735	PPNR	0.8	1.6	5.7	1.99	0.28	7.14	1253.	57.	2.
1325	0000	-749	37.7224	81.2729	PPNR	0.8	1.6	5.5	2.13	0.30	7.12	1237.	59.	2.
1326	0000	-748	37.7223	81.2722	PPNR	0.8	1.4	5.5	1.65	0.26	6.47	1253.	60.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-748	37.7223	81.2716	PPNR	0.9	1.6 -	5.0	1.80	0.32	5.68	1250.	60.	2.
1328	0000	-749	37.7224	81.2709	PPNR	0.9	1.8	5.1	1.96	0.34	5.70	1261.	60.	2.
1329	0000	-750	37.7223	81.2703	PPNR	0.9	1.8	5.1	2.05	0.36	5.74	1274.	59.	.
1330	0000	-751	37.7223	81.2696	PPNR	0.9	1.8	5.5	2.02	0.32	6.26	1274.	54.	1.
1331	0000	-751	37.7223	81.2690	PPNR	0.9	1.8	5.4	2.03	0.33	6.23	1256.	55.	1.
1332	0000	-751	37.7222	81.2684	PPNR	0.9	1.7	5.7	1.97	0.30	6.66	1241.	55.	1.
1333	0000	-753	37.7222	81.2677	PPNR	0.8	1.8	5.6	2.34	0.32	7.34	1203.	52.	1.
1334	0000	-754	37.7222	81.2671	PPNR	0.7	1.7	5.6	2.29	0.29	7.83	1164.	52.	1.
1335	0000	-755	37.7222	81.2664	PPNR	0.7	1.4	5.4	2.03	0.26	7.81	1120.	52.	2.
1336	0000	-756	37.7222	81.2658	PPNR	0.6	1.4	5.1	2.13	0.27	7.85	1093.	55.	3.
1337	0000	-756	37.7222	81.2651	PPNR	0.6	1.4	5.1	2.09	0.27	7.87	1100.	56.	4.
1338	0000	-758	37.7221	81.2645	PPNR	0.7	1.1 -	5.2	1.57	0.21 -	7.63	1134.	55.	6.
1339	0000	-760	37.7221	81.2639	PPNR	0.6 -	1.2	5.3	1.92	0.23	8.49 +	1150.	56.	7.
1340	0000	-762	37.7221	81.2632	PPNR	0.7	1.1 -	5.8	1.60	0.19 -	8.36 +	1191.	56.	7.
1341	0000	-762	37.7221	81.2625	PPNR	0.7	1.1 -	6.1	1.51	0.18 -	8.49 +	1256.	56.	9.
1342	0000	-764	37.7221	81.2619	PPNR	0.8	1.2	6.6	1.56	0.18 -	8.55 +	1338.	56.	8.
1343	0000	-766	37.7221	81.2612	PPNR	0.8	1.1 -	7.0	1.30 -	0.15 --	8.47 +	1370.	55.	8.
1344	0000	-767	37.7220	81.2606	PPNR	0.8	1.0 -	6.8	1.21 -	0.15 --	8.05 +	1397.	53.	8.
1345	0000	-767	37.7220	81.2599	PPNR	0.9	1.4	7.1	1.67	0.20 -	8.28 +	1398.	55.	7.
1346	0000	-769	37.7220	81.2593	PPNR	1.0	1.3	6.9	1.39	0.19 -	7.21	1403.	55.	7.
1347	0000	-770	37.7220	81.2586	PPNR	1.0	1.5	6.7	1.50	0.23	6.46	1438.	56.	7.
1348	0000	-770	37.7220	81.2580	PPNR	1.1	1.3	7.3	1.23 -	0.18 -	6.72	1485.	56.	7.
1349	0000	-770	37.7219	81.2574	PPNR	1.2	1.4	7.8 +	1.21 -	0.18 -	6.70	1523.	57.	7.
1350	0000	-773	37.7219	81.2567	PPNR	1.2	1.7	7.7 +	1.43	0.22	6.50	1559.	56.	7.
1351	0000	-775	37.7219	81.2561	PPNR	1.2	2.0	8.0 +	1.67	0.25	6.78	1578.	58.	6.
1352	0000	-774	37.7218	81.2554	PPNR	1.2	1.8	7.9 +	1.48	0.23	6.55	1577.	56.	7.
1353	0000	-776	37.7218	81.2548	PPNR	1.2	1.8	7.9 +	1.58	0.23	6.83	1575.	55.	7.
1354	0000	-779	37.7218	81.2541	PPNR	1.1	1.7	8.0 +	1.59	0.21	7.51	1542.	54.	6.
1355	0000	-779	37.7218	81.2535	PPNR	1.0	2.0	7.4 +	1.99	0.27	7.42	1485.	55.	6.
1356	0000	-780	37.7218	81.2528	PPNR	0.9	2.0	6.9	2.22	0.29	7.57	1432.	54.	5.
1357	0000	-782	37.7218	81.2522	PPNR	0.8	1.9	6.9	2.31	0.28	8.27 +	1418.	54.	5.
1358	0000	-784	37.7217	81.2516	PPNR	0.8	1.9	6.7	2.24	0.28	7.91	1423.	55.	5.
1359	0000	-785	37.7217	81.2509	PPNR	1.0	1.9	6.9	2.01	0.28	7.21	1498.	56.	5.
1360	0000	-785	37.7217	81.2502	PPNR	1.0	2.2	7.0	2.13	0.31	6.78	1580.	55.	4.
1361	0000	-786	37.7217	81.2496	PPNR	1.1	2.7 +	6.9	2.44	0.39 +	6.30	1665.	57.	3.
1362	0000	-787	37.7217	81.2489	PPNR	1.2	2.9 ++	7.2	2.51	0.41 +	6.12	1738.	53.	2.
1363	0000	-787	37.7217	81.2484	PPNR	1.3 +	3.1 ++	7.5 +	2.39	0.41 +	5.80	1808.	52.	2.
1364	0000	-786	37.7216	81.2477	PPNR	1.4 +	3.3 ++	7.8 +	2.38	0.42 +	5.64	1859.	55.	1.
1365	0000	-785	37.7216	81.2470	PPNR	1.4 +	3.4 +++	8.0 +	2.39	0.43 +	5.60	1888.	54.	1.
1366	0000	-786	37.7216	81 2464	PPNR	1.4 +	3.7 +++	7.8 +	2.70 +	0.47 +	5.76	1857.	53.	0.
1367	0000	-788	37.7216	81.2458	PPNR	1.3 +	3.5 +++	8.2 +	2.70 +	0.43 +	6.34	1796.	51.	0.
1368	0000	-791	37.7216	81.2451	PPNR	1.2	3.1 ++	8.4 +	2.58 +	0.37	6.99	1722.	52.	0.
1369	0000	-793	37.7216	81.2445	PPNR	1.2	2.8 +	7.9 +	2.42	0.35	6.82	1669.	53.	1.
1370	0000	-793	37.7215	81.2438	PPNR	1.1	2.7 +	7.5 +	2.54	0.36	7.01	1605.	54.	2.
1371	0000	-793	37.7215	81.2432	PPNR	1.0	2.4 +	7.4 +	2.36	0.32	7.27	1552.	52.	3.
1372	0000	-795	37.7215	81.2425	PPNR	0.9	2.2	7.0	2.35	0.31	7.66	1482.	53.	4.
1373	0000	-797	37.7215	81.2419	PPNR	0.8	2.0	6.6	2.36	0.30	7.90	1412.	54.	5.
1374	0000	-797	37.7215	81.2412	PPNR	0.8	1.9	6.1	2.40	0.31	7.72	1367.	57.	5.
1375	0000	-798	37.7215	81.2405	PPNR	0.8	1.8	5.6	2.33	0.32	7.30	1334.	57.	5.
1376	0000	-798	37.7214	81.2399	PPNR	0.7	1.7	5.8	2.38	0.30	8.00 +	1292.	59.	5.
1377	0000	-799	37.7214	81.2393	PPNR	0.7	1.7	6.0	2.34	0.28	8.49 +	1281.	58.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-800	37.7214	81.2387	PPNR	0.7	1.8	5.9	2.48	0.31	8.14 +	1264.	58.	3.
1379	0000	-801	37.7214	81.2380	PPNR	0.7	1.8	6.0	2.43	0.29	8.25 +	1277.	56.	2.
1380	0000	-802	37.7214	81.2374	PPNR	0.7	1.8	6.6	2.41	0.27	8.86 +	1316.	53.	2.
1381	0000	-803	37.7214	81.2367	PPNR	0.8	1.9	6.8	2.30	0.28	8.27 +	1381.	51.	1.
1382	0000	-801	37.7213	81.2361	PPNR	0.9	2.1	7.3	2.40	0.29	8.25 +	1459.	52.	1.
1383	0000	-800	37.7213	81.2354	PPNR	1.0	2.5 +	7.3	2.50	0.34	7.40	1539.	54.	0.
1384	0000	-801	37.7213	81.2347	PPNR	1.0	2.6 +	7.1	2.56	0.36	7.12	1582.	55.	0.
1385	0000	-804	37.7213	81.2341	PPNR	1.0	2.9 ++	7.0	2.77 +	0.41 +	6.85	1644.	55.	0.
1386	0000	-807	37.7213	81.2335	PPNR	1.1	2.9 ++	7.1	2.69 +	0.41 +	6.63	1681.	56.	0.
1387	0000	-808	37.7213	81.2328	PPNR	1.1	3.0 ++	7.0	2.75 +	0.43 +	6.38	1699.	58.	0.
1388	0000	-807	37.7212	81.2322	PPNR	1.1	3.1 ++	7.1	2.74 +	0.43 +	6.39	1689.	59.	0.
1389	0000	-806	37.7212	81.2315	PPNR	1.1	2.9 ++	6.6	2.71 +	0.43 +	6.25	1639.	58.	1.
1390	0000	-806	37.7212	81.2309	PPNR	1.0	2.8 +	6.6	2.79 +	0.42 +	6.70	1582.	55.	1.
1391	0000	-809	37.7212	81.2302	PPNR	1.0	2.5 +	6.3	2.53	0.40 +	6.27	1520.	54.	2.
1392	0000	-812	37.7212	81.2297	PPNR	0.9	2.4 +	6.2	2.65 +	0.38 +	6.90	1442.	56.	2.
1393	0000	-813	37.7212	81.2290	PPNR	0.8	2.4 +	5.7	2.85 +	0.42 +	6.73	1383.	55.	3.
1394	0000	-813	37.7211	81.2283	PPNR	0.9	2.2	5.8	2.53	0.38 +	6.68	1378.	56.	4.
1395	0000	-812	37.7211	81.2277	PPNR	1.0	2.0	5.4	2.14	0.37	5.73	1421.	57.	5.
1396	0000	-814	37.7211	81.2270	PPNR	1.0	2.0	6.2	1.94	0.33	5.93	1494.	58.	5.
1397	0000	-814	37.7211	81.2264	PPNR	1.1	2.0	6.5	1.91	0.32	6.06	1554.	60.	5.
1398	0000	-814	37.7211	81.2257	PPNR	1.1	2.2	6.9	2.04	0.32	6.41	1616.	58.	5.
1399	0000	-816	37.7211	81.2251	PPNR	1.2	2.0	6.7	1.76	0.30	5.86	1619.	58.	5.
1400	0000	-817	37.7210	81.2244	PPNR	1.1	1.8	6.7	1.54	0.27	5.81	1603.	60.	6.
1401	0000	-816	37.7210	81.2238	PPNR	1.1	1.8	6.4	1.57	0.28	5.62	1557.	59.	6.
1402	0000	-815	37.7210	81.2231	PPNR	1.0	1.6	6.8	1.64	0.24	6.85	1480.	59.	6.
1403	0000	-812	37.7209	81.2225	PPNR	0.9	1.5	6.3	1.60	0.24	6.74	1387.	58.	7.
1404	0000	-810	37.7209	81.2218	PPNR	0.9	1.5	5.6	1.74	0.27	6.49	1291.	55.	6.
1405	0000	-812	37.7209	81.2212	PPNR	0.7	1.5	5.3	2.06	0.29	7.16	1199.	57.	6.
1406	0000	-815	37.7209	81.2205	PPNR	0.7	1.6	5.2	2.18	0.30	7.27	1168.	56.	6.
1407	0000	-817	37.7209	81.2199	PPNR	0.7	1.7	4.9	2.47	0.34	7.24	1156.	54.	6.
1408	0000	-817	37.7208	81.2193	PPNR	0.6 -	1.7	5.0	2.83 +	0.34	8.38 +	1118.	53.	5.
1409	0000	-817	37.7208	81.2186	PPNR	0.6 -	1.8	4.1 -	3.24 +	0.44 +	7.39	1074.	53.	5.
1410	0000	-817	37.7208	81.2180	PPNR	0.5 -	1.9	3.8 -	3.64 ++	0.48 +	7.51	1039.	57.	4.
1411	0000	-818	37.7208	81.2174	PPNR	0.6 -	1.6	4.5 -	2.80 +	0.36	7.77	1069.	57.	5.
1412	0000	-820	37.7208	81.2167	PPNR	0.6	1.8	4.9	2.77 +	0.37	7.51	1153.	57.	4.
1413	0000	-819	37.7208	81.2160	PPNR	0.7	2.1	5.7	2.90 +	0.36	8.11 +	1240.	56.	4.
1414	0000	-818	37.7207	81.2154	PPNR	0.8	1.9	6.5	2.26	0.29	7.82	1306.	56.	3.
1415	0000	-816	37.7207	81.2147	PPNR	0.9	1.9	6.6	2.14	0.29	7.31	1378.	58.	3.
1416	0000	-817	37.7207	81.2141	PPNR	1.0	2.1	7.1	2.07	0.29	7.14	1449.	58.	2.
1417	0000	-819	37.7207	81.2134	PPNR	1.0	2.2	7.1	2.22	0.31	7.06	1489.	54.	2.
1418	0000	-818	37.7207	81.2128	PPNR	1.0	2.3 +	6.5	2.44	0.36	6.82	1446.	58.	1.
1419	0000	-817	37.7207	81.2121	PPNR	0.9	2.1	6.1	2.31	0.34	6.76	1376.	58.	1.
1420	0000	-819	37.7206	81.2115	PPNR	0.9	1.8	5.5	2.07	0.32	6.42	1304.	59.	1.
1421	0000	-820	37.7206	81.2108	PPNR	0.8	2.0	4.9	2.57 +	0.40 +	6.43	1244.	61.	1.
1422	0000	-821	37.7206	81.2103	PPNR	0.7	2.0	4.6	2.62 +	0.43 +	6.12	1196.	59.	1.
1423	0000	-822	37.7206	81.2096	PPNR	0.7	1.8	4.3 -	2.66 +	0.41 +	6.43	1143.	57.	2.
1424	0000	-823	37.7206	81.2089	PPNR	0.7	1.7	4.5 -	2.54	0.37	6.85	1123.	56.	2.
1425	0000	-823	37.7206	81.2083	PPNR	0.7	1.8	4.9	2.47	0.36	6.90	1159.	54.	2.
1426	0000	-823	37.7205	81.2076	PPNR	0.8	1.7	4.9	2.15	0.34	6.41	1164.	53.	2.
1427	0000	-822	37.7205	81.2070	PPNR	0.7	1.6	4.8	2.09	0.32	6.44	1139.	54.	2.
1428	0000	-821	37.7205	81.2063	PPNR	0.7	1.5	4.9	2.11	0.31	6.79	1118.	52.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES									*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS	*
1429	0000	-822	37.7205	81.2057	PPNR	0.6	1.5	4.9	2.32	0.31	7.55	1089.	51.	1.	
1430	0000	-822	37.7205	81.2050	PPNR	0.6	1.6	4.9	2.55	0.33	7.72	1063.	54.	1.	
1431	0000	-819	37.7205	81.2044	PPNR	0.6 -	1.7	4.7	2.72 +	0.36	7.63	1037.	52.	1.	
1432	0000	-819	37.7204	81.2038	PPNR	0.5 -	1.6	4.2 -	3.01 +	0.39 +	7.69	994.	52.	1.	
1433	0000	-819	37.7204	81.2031	PPNR	0.5 -	1.6	4.2 -	3.15 +	0.39 +	8.14 +	969.	53.	1.	
1434	0000	-818	37.7204	81.2024	PPNR	0.5 -	1.8	4.1 -	3.44 +	0.43 +	7.95 +	984.	49.	0.	
1435	0000	-819	37.7204	81.2018	PPNR	0.5 -	1.8	3.9 -	3.50 +	0.46 +	7.63	981.	51.	0.	
1436	0000	-820	37.7204	81.2012	PPNR	0.5 -	1.8	4.0 -	3.37 +	0.46 +	7.40	998.	51.	0.	
1437	0000	-820	37.7204	81.2005	PPNR	0.6 -	1.8	4.1 -	3.07 +	0.43 +	7.14	1029.	50.	0.	
1438	0000	-818	37.7203	81.1999	PPNR	0.6	1.8	4.0 -	2.84 +	0.45 +	6.36	1050.	53.	1.	
1439	0000	-817	37.7203	81.1993	PPNR	0.6	1.7	4.1 -	2.69 +	0.42 +	6.45	1059.	53.	1.	
1440	0000	-817	37.7203	81.1986	PPNR	0.7	1.6	4.3 -	2.46	0.38 +	6.50	1066.	54.	2.	
1441	0000	-818	37.7202	81.1980	PPNR	0.6	1.8	3.9 -	2.86 +	0.47 +	6.14	1071.	56.	2.	
1442	0000	-817	37.7202	81.1973	PPNR	0.7	1.7	4.2 -	2.51	0.40 +	6.20	1110.	55.	3.	
1443	0000	-816	37.7202	81.1967	PPNR	0.7	1.9	4.2 -	2.72 +	0.46 +	5.94	1143.	58.	3.	
1444	0000	-815	37.7202	81.1960	PPNR	0.7	1.8	4.3 -	2.49	0.43 +	5.81	1168.	60.	3.	
1445	0000	-813	37.7202	81.1953	PPNR	0.8	1.8	4.7	2.32	0.38 +	6.06	1202.	59.	3.	
1446	0000	-814	37.7202	81.1947	PPNR	0.8	1.8	5.3	2.17	0.35	6.27	1259.	59.	3.	
1447	0000	-814	37.7201	81.1940	PPNR	0.8	2.1	5.1	2.51	0.41 +	6.18	1307.	60.	3.	
1448	0000	-812	37.7201	81.1934	PPNR	0.8	2.0	6.0	2.37	0.34	7.03	1337.	59.	2.	
1449	0000	-811	37.7201	81.1928	PPNR	0.8	2.1	6.4	2.46	0.32	7.69	1342.	59.	2.	
1450	0000	-811	37.7201	81.1921	PPNR	0.9	1.8	6.7	2.07	0.28	7.50	1348.	58.	1.	
1451	0000	-810	37.7201	81.1915	PPNR	0.9	1.8	7.0	2.00	0.25	7.87	1372.	55.	1.	
1452	0000	-808	37.7201	81.1909	PPNR	0.9	1.8	6.8	2.09	0.26	7.89	1364.	55.	1.	
1453	0000	-807	37.7200	81.1902	PPNR	0.8	1.8	6.4	2.29	0.29	8.00 +	1330.	55.	1.	
1454	0000	-808	37.7200	81.1895	PPNR	0.8	1.7	6.3	2.18	0.27	8.19 +	1276.	56.	2.	
1455	0000	-807	37.7200	81.1889	PPNR	0.7	1.6	6.2	2.08	0.25	8.21 +	1224.	55.	3.	
1456	0000	-806	37.7200	81.1882	PPNR	0.8	1.4	5.5	1.82	0.25	7.15	1202.	55.	5.	
1457	0000	-806	37.7200	81.1876	PPNR	0.7	1.4	5.3	1.91	0.26	7.36	1167.	54.	6.	
1458	0000	-806	37.7200	81.1870	PPNR	0.7	1.2	4.7	1.91	0.27	7.16	1086.	57.	8.	
1459	0000	-807	37.7199	81.1863	PPNR	0.6 -	0.9 -	4.6	1.57	0.20 -	7.73	1020.	56.	10.	
1460	0000	-806	37.7199	81.1857	PPNR	0.6 -	0.7 -	4.5 -	1.21 -	0.16 -	7.42	989.	56.	11.	
1461	0000	-804	37.7199	81.1850	PPNR	0.6 -	0.7 -	4.7	1.13 -	0.15 --	7.67	1012.	57.	11.	
1462	0000	-801	37.7198	81.1844	PPNR	0.6	0.5 --	4.4 -	0.81 --	0.12 ---	6.95	1035.	59.	12.	
1463	0000	-799	37.7198	81.1837	PPNR	0.6 -	0.5 --	4.7	0.89 --	0.12 ---	7.69	1047.	57.	11.	
1464	0000	-798	37.7198	81.1830	PPNR	0.6 -	0.5 --	4.7	0.93 --	0.12 ---	8.10 +	1036.	56.	10.	
1465	0000	-796	37.7198	81.1825	PPNR	0.6 -	0.8 -	4.5 -	1.37	0.17 -	7.91	1036.	54.	9.	
1466	0000	-795	37.7198	81.1819	PPNR	0.6 -	1.1 -	4.4 -	1.83	0.24	7.52	1044.	52.	7.	
1467	0000	-796	37.7197	81.1812	PPNR	0.5 -	1.2	4.4 -	2.25	0.27	8.32 +	1021.	56.	6.	
1468	0000	-794	37.7197	81.1805	PPNR	0.5 -	1.2	4.2 -	2.33	0.29	8.16 +	978.	53.	4.	
1469	0000	-792	37.7197	81.1799	PPNR	0.5 -	1.3	4.3 -	2.56 +	0.29	8.89 +	941.	54.	3.	
1470	0000	-791	37.7197	81.1792	PPNR	0.4 -	1.2	3.9 -	2.74 +	0.31	8.75 +	882.	57.	3.	
1471	0000	-789	37.7197	81.1786	PPNR	0.5 -	1.1 -	3.8 -	2.34	0.30	7.90	875.	59.	3.	
1472	0000	-788	37.7197	81.1779	PPNR	0.5 -	1.2	3.7 -	2.18	0.32	6.87	900.	60.	4.	
1473	0000	-788	37.7196	81.1772	PPNR	0.6 -	0.9 -	3.7 -	1.59	0.25	6.45	899.	64.	5.	
1474	0000	-787	37.7196	81.1766	PPNR	0.6 -	0.9 -	3.6 -	1.54	0.27	5.80	926.	62.	6.	
1475	0000	-787	37.7196	81.1759	PPNR	0.6	1.0 -	3.5 -	1.60	0.28	5.49	952.	64.	7.	
1476	0000	-785	37.7196	81.1754	PPNR	0.7	1.1 -	3.5 -	1.60	0.31	5.16 -	973.	62.	6.	
1477	0000	-782	37.7196	81.1747	PPNR	0.7	1.4	3.6 -	1.84	0.37	4.95 -	1005.	60.	6.	
1478	0000	-780	37.7196	81.1740	PPNR	0.8	1.4	3.8 -	1.88	0.38 +	4.93 -	1017.	59.	5.	
1479	0000	-777	37.7195	81.1734	PPNR	0.7	1.4	4.0 -	1.95	0.35	5.49	1018.	60.	4.	

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-776	37.7195	81.1728	PPNR	0.8	1.7	4.3 -	2.21	0.40 +	5.47	1076.	57.	3.
1481	0000	-777	37.7195	81.1721	PPNR	0.9	1.7	4.3 -	1.95	0.40 +	4.86 -	1112.	56.	3.
1482	0000	-777	37.7195	81.1715	PPNR	0.9	1.8	4.6	2.15	0.39 +	5.44	1118.	56.	2.
1483	0000	-775	37.7195	81.1708	PPNR	0.8	1.7	4.5 -	2.03	0.37	5.43	1117.	55.	3.
1484	0000	-774	37.7195	81.1702	PPNR	0.8	1.7	4.2 -	2.16	0.40 +	5.37 -	1091.	58.	3.
1485	0000	-772	37.7194	81.1695	PPNR	0.7	1.7	4.0 -	2.37	0.42 +	5.69	1059.	57.	4.
1486	0000	-771	37.7194	81.1689	PPNR	0.6	1.6	3.7 -	2.54	0.44 +	5.78	1019.	56.	5.
1487	0000	-771	37.7194	81.1682	PPNR	0.6	1.5	3.7 -	2.63 +	0.40 +	6.64	949.	59.	5.
1488	0000	-770	37.7194	81.1676	PPNR	0.5 -	1.3	3.7 -	2.81 +	0.35	8.07 +	889.	60.	5.
1489	0000	-769	37.7194	81.1669	PPNR	0.4 -	1.4	3.4 -	3.12 +	0.40 +	7.83	860.	57.	5.
1490	0000	-766	37.7194	81.1663	PPNR	0.4 -	1.5	3.4 -	3.57 ++	0.44 +	8.09 +	854.	61.	5.
1491	0000	-764	37.7193	81.1656	PPNR	0.5 -	1.4	3.9 -	2.93 +	0.36	8.19 +	891.	59.	4.
1492	0000	-762	37.7193	81.1650	PPNR	0.6 -	1.3	4.6	2.22	0.28	8.04 +	962.	58.	5.
1493	0000	-760	37.7193	81.1643	PPNR	0.7	1.4	5.2	2.03	0.26	7.68	1042.	59.	4.
1494	0000	-760	37.7192	81.1638	PPNR	0.8	1.5	5.4	1.87	0.28	6.66	1141.	56.	4.
1495	0000	-759	37.7192	81.1631	PPNR	0.9	1.6	5.9	1.87	0.27	6.80	1228.	55.	4.
1496	0000	-754	37.7192	81.1625	PPNR	0.9	1.6	6.0	1.67	0.27	6.31	1301.	55.	5.
1497	0000	-752	37.7192	81.1618	PPNR	1.0	1.8	6.7	1.79	0.27	6.53	1372.	51.	4.
1498	0000	-751	37.7192	81.1611	PPNR	1.1	1.8	6.9	1.72	0.26	6.53	1425.	48.	5.
1499	0000	-748	37.7192	81.1605	PPNR	1.1	2.2	6.7	2.04	0.32	6.35	1455.	50.	4.
1500	0000	-746	37.7191	81.1598	PPNR	1.1	2.1	6.4	1.97	0.33	5.98	1470.	49.	5.
1501	0000	-744	37.7191	81.1592	PPNR	1.1	2.1	6.9	1.94	0.30	6.42	1484.	49.	4.
1502	0000	-742	37.7191	81.1585	PPNR	1.1	2.1	6.7	2.01	0.32	6.27	1493.	48.	4.
1503	0000	-743	37.7191	81.1579	PPNR	1.1	2.0	7.1	1.91	0.29	6.62	1484.	50.	4.
1504	0000	-743	37.7191	81.1572	PPNR	1.0	2.0	6.6	1.96	0.31	6.32	1469.	52.	4.
1505	0000	-742	37.7191	81.1566	PPNR	1.0	2.2	6.8	2.15	0.33	6.52	1463.	55.	3.
1506	0000	-743	37.7190	81.1560	PPNR	1.1	2.2	6.6	2.05	0.33	6.19	1454.	55.	3.
1507	0000	-745	37.7190	81.1553	PPP	1.0	2.3	6.6	2.30	0.34	6.67	1427.	54.	2.
1508	0000	-745	37.7190	81.1546	PPP	0.9	2.1	6.5	2.30	0.32	7.07	1384.	53.	2.
1509	0000	-743	37.7190	81.1540	PPP	0.9	2.0	6.1	2.28	0.33	6.97	1340.	56.	2.
1510	0000	-740	37.7190	81.1534	PPP	0.9	2.2	5.7	2.49 +	0.38 +	6.59	1322.	56.	2.
1511	0000	-737	37.7190	81.1528	PPP	0.9	2.0	5.7	2.31	0.35	6.64	1291.	55.	2.
1512	0000	-733	37.7189	81.1521	PPP	0.8	1.8	5.3	2.12	0.34	6.24	1275.	53.	2.
1513	0000	-732	37.7189	81.1515	PPP	0.8	1.7	5.3	2.12	0.32	6.62	1237.	52.	2.
1514	0000	-732	37.7189	81.1508	PPP	0.8	1.4	5.1	1.72	0.28	6.19	1191.	54.	2.
1515	0000	-730	37.7189	81.1502	PPP	0.8	1.5	4.8 -	1.87	0.31	5.94	1164.	55.	2.
1516	0000	-723	37.7189	81.1495	PPNR	0.8	1.6	4.9	2.00	0.33	6.04	1176.	54.	2.
1517	0000	-728	37.7189	81.1488	PPNR	0.8	1.6	5.0	2.02	0.32	6.38	1171.	54.	2.
1518	0000	-726	37.7188	81.1482	PPNR	0.8	1.6	5.0	1.88	0.31	6.01	1194.	54.	1.
1519	0000	-724	37.7188	81.1475	PPNR	0.9	1.6	5.4	1.85	0.29	6.29	1207.	54.	1.
1520	0000	-723	37.7188	81.1469	PPNR	0.9	1.8	5.2	1.95	0.34	5.75	1238.	56.	1.
1521	0000	-724	37.7187	81.1462	PPNR	0.9	1.8	5.8	1.93	0.31	6.28	1302.	56.	0.
1522	0000	-722	37.7187	81.1456	PPNR	0.9	1.9	5.7	2.02	0.33	6.21	1318.	57.	0.
1523	0000	-719	37.7187	81.1450	PPNR	0.9	1.9	5.9	2.21	0.33	6.77	1323.	53.	0.
1524	0000	-719	37.7187	81.1443	PPNR	0.9	2.0	5.8	2.31	0.34	6.70	1322.	55.	1.
1525	0000	-718	37.7187	81.1437	PPNR	0.8	2.1	5.6	2.63 +	0.37	7.12	1289.	56.	1.
1526	0000	-717	37.7187	81.1431	PPNR	0.7	2.0	5.3	2.77 +	0.38 +	7.29	1239.	57.	1.
1527	0000	-716	37.7187	81.1424	PPNR	0.6	1.9	5.4	3.04 +	0.36	8.42 +	1197.	57.	1.
1528	0000	-713	37.7188	81.1417	PPNR	0.6 -	1.9	4.9	3.18 +	0.39 +	8.07 +	1163.	56.	2.
1529	0000	-712	37.7188	81.1411	PPNR	0.6	1.7	5.3	2.66 +	0.32	8.30 +	1172.	54.	2.
1530	0000	-712	37.7188	81.1405	PPNR	0.7	1.6	5.4	2.26	0.30	7.41	1206.	58.	2.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-711	37.7188	81.1398 PPNR	0.9	1.4	5.9	1.68	0.25	6.82	1286.	57.	2.
1532	0000	-709	37.7188	81.1392 PPNR	1.0	1.5	6.4	1.52	0.23	6.71	1374.	58.	2.
1533	0000	-707	37.7188	81.1385 PPNR	1.1	1.6	6.7	1.49	0.24	6.34	1457.	60.	2.
1534	0000	-706	37.7188	81.1378 PPNR	1.2	1.4	6.8	1.22 -	0.21 -	5.86	1524.	57.	3.
1535	0000	-705	37.7188	81.1372 PPNR	1.2	1.5	7.3	1.20 -	0.20 -	5.96	1557.	59.	3.
1536	0000	-704	37.7188	81.1366 PPNR	1.2	1.7	6.7	1.35	0.25	5.46	1555.	59.	4.
1537	0000	-703	37.7188	81.1359 PPNR	1.2	1.6	6.3	1.36	0.25	5.44	1488.	59.	5.
1538	0000	-702	37.7188	81.1352 PPNR	1.0	1.5	6.0	1.44	0.25	5.71	1410.	58.	6.
1539	0000	-702	37.7188	81.1346 PPNR	1.0	1.2	5.6	1.25 -	0.22	5.72	1322.	57.	6.
1540	0000	-703	37.7188	81.1340 PPNR	0.8	1.1 -	5.1	1.35	0.22	6.03	1237.	57.	8.
1541	0000	-702	37.7188	81.1333 PPNR	0.8	1.1 -	5.0	1.43	0.22	6.39	1155.	60.	8.
1542	0000	-701	37.7188	81.1327 PPNR	0.7	1.2	4.3 -	1.71	0.28	6.20	1105.	59.	8.
1543	0000	-700	37.7188	81.1320 PPNR	0.7	1.1 -	4.4 -	1.59	0.24	6.59	1093.	61.	8.
1544	0000	-700	37.7188	81.1313 PPNR	0.7	1.1 -	5.1	1.57	0.22	7.16	1142.	61.	8.
1545	0000	-700	37.7188	81.1307 PPNR	0.8	1.3	5.2	1.65	0.25	6.53	1188.	62.	8.
1546	0000	-699	37.7188	81.1301 PPNR	0.9	1.5	5.2	1.60	0.28	5.76	1260.	62.	7.
1547	0000	-697	37.7188	81.1294 PPNR	1.0	1.5	5.6	1.53	0.28	5.49	1326.	59.	7.
1548	0000	-696	37.7188	81.1287 PPNR	1.1	1.5	5.9	1.36	0.25	5.40 -	1381.	58.	5.
1549	0000	-696	37.7189	81.1281 PPNR	1.2	1.5	5.9	1.20 -	0.24	4.92 -	1416.	59.	4.
1550	0000	-694	37.7189	81.1274 PPNR	1.2	1.6	6.1	1.34	0.26	5.10 -	1423.	57.	3.
1551	0000	-692	37.7189	81.1268 PPNR	1.2	1.6	5.8	1.34	0.27	4.97 -	1385.	56.	2.
1552	0000	-692	37.7189	81.1262 PPNR	1.1	1.4	5.5	1.30 -	0.26 -	4.94 -	1338.	55.	2.
1553	0000	-693	37.7189	81.1255 PPNR	1.0	1.6	5.3	1.62	0.30	5.35 -	1262.	57.	1.
1554	0000	-692	37.7189	81.1249 PPNR	0.9	1.6	5.2	1.64	0.30	5.44	1224.	60.	0.
1555	0000	-692	37.7189	81.1243 PPNR	0.9	1.7	5.0	1.92	0.35	5.54	1208.	59.	0.
1556	0000	-691	37.7189	81.1236 PPNR	0.8	1.7	5.5	2.17	0.32	6.85	1211.	58.	0.
1557	0000	-690	37.7189	81.1229 PPNR	0.8	1.7	5.0	2.16	0.35	6.21	1215.	59.	0.
1558	0000	-690	37.7189	81.1223 PPNR	0.8	1.8	4.8	2.24	0.38 +	5.93	1223.	59.	0.
1559	0000	-689	37.7189	81.1217 PPNR	0.8	1.7	4.8	2.24	0.36	6.19	1202.	61.	0.
1560	0000	-688	37.7189	81.1210 PPNR	0.7	1.5	5.1	1.99	0.29	6.80	1179.	57.	0.
1561	0000	-688	37.7189	81.1204 PPNR	0.7	1.4	4.7	2.13	0.30	7.22	1122.	56.	0.
1562	0000	-687	37.7189	81.1197 PPNR	0.6 -	1.5	4.5 -	2.61 +	0.34	7.76	1073.	54.	0.
1563	0000	-686	37.7189	81.1190 PPNR	0.6 -	1.5	4.1 -	2.72 +	0.38 +	7.18	1029.	55.	0.
1564	0000	-686	37.7189	81.1184 PPNR	0.5 -	1.4	4.4 -	2.63 +	0.32	8.17 +	1011.	56.	0.
1565	0000	-686	37.7190	81.1177 PPNR	0.5 -	1.5	4.5 -	2.79 +	0.34	8.30 +	1012.	58.	0.
1566	0000	-685	37.7190	81.1171 PPNR	0.6 -	1.7	4.9	2.79 +	0.34	8.13 +	1071.	57.	0.
1567	0000	-685	37.7190	81.1164 PPNR	0.7	1.9	4.4 -	2.67 +	0.42 +	6.29	1135.	58.	1.
1568	0000	-685	37.7190	81.1158 PPNR	0.8	2.0	4.8	2.39	0.41 +	5.79	1216.	59.	1.
1569	0000	-683	37.7190	81.1151 PPNR	0.9	2.0	5.2	2.27	0.39 +	5.86	1287.	62.	1.
1570	0000	-682	37.7190	81.1145 PPNR	0.9	2.1	5.4	2.26	0.39 +	5.85	1339.	62.	1.
1571	0000	-682	37.7190	81.1139 PPNR	1.0	2.0	5.6	2.05	0.36	5.64	1374.	63.	1.
1572	0000	-681	37.7190	81.1132 PPNR	1.0	2.0	5.3	1.92	0.37	5.16 -	1390.	64.	2.
1573	0000	-681	37.7190	81.1125 PPNR	1.0	2.1	4.8	2.14	0.44 +	4.84 -	1367.	65.	3.
1574	0000	-680	37.7190	81.1119 PPNR	0.9	2.1	5.3	2.31	0.40 +	5.77	1358.	66.	3.
1575	0000	-680	37.7190	81.1112 PPNR	0.9	2.2	5.6	2.39	0.39 +	6.14	1352.	63.	3.
1576	0000	-681	37.7190	81.1106 PPNR	0.9	2.1	5.1	2.19	0.40 +	5.48	1359.	62.	4.
1577	0000	-680	37.7190	81.1099 PPNR	1.0	2.1	5.3	2.15	0.39 +	5.50	1353.	62.	3.
1578	0000	-679	37.7190	81.1093 PPNR	1.0	2.2	5.1	2.32	0.44 +	5.31 -	1359.	58.	4.
1579	0000	-678	37.7190	81.1086 PPNR	1.0	2.2	5.5	2.29	0.41 +	5.60	1353.	57.	3.
1580	0000	-677	37.7190	81.1080 PPNR	1.0	2.1	6.0	2.11	0.35	5.96	1382.	53.	2.
1581	0000	-678	37.7190	81.1073 PPNR	1.1	2.0	5.8	1.95	0.35	5.53	1404.	53.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-677	37.7190	81.1067	PPNR	1.0	1.8	5.6	1.83	0.33	5.62	1400.	55.	3.
1583	0000	-674	37.7190	81.1060	PPNR	1.0	1.8	5.7	1.87	0.32	5.95	1379.	54.	3.
1584	0000	-674	37.7190	81.1054	PPNR	1.0	1.6	5.6	1.65	0.29	5.75	1368.	53.	3.
1585	0000	-675	37.7190	81.1048	PPNR	0.9	1.6	5.8	1.73	0.27	6.35	1376.	55.	4.
1586	0000	-674	37.7190	81.1042	PPNR	1.0	1.5	6.3	1.60	0.24	6.56	1426.	56.	4.
1587	0000	-674	37.7191	81.1035	PPNR	1.0	1.5	6.2	1.46	0.24	6.15	1418.	59.	5.
1588	0000	-674	37.7191	81.1028	PPNR	1.0	1.5	6.5	1.58	0.23	6.72	1415.	58.	5.
1589	0000	-674	37.7191	81.1022	PPNR	1.0	1.8	6.4	1.68	0.27	6.17	1445.	58.	4.
1590	0000	-673	37.7191	81.1016	PPNR	1.2	1.8	6.9	1.58	0.26	5.98	1515.	59.	3.
1591	0000	-672	37.7191	81.1009	PPNR	1.2	2.1	7.0	1.75	0.30	5.77	1593.	60.	3.
1592	0000	-673	37.7191	81.1003	PPNR	1.3 +	2.2	7.1	1.73	0.31	5.49	1640.	61.	2.
1593	0000	-675	37.7191	81.0996	PPNR	1.3 +	2.4 +	6.8	1.84	0.35	5.26 -	1641.	61.	1.
1594	0000	-674	37.7191	81.0990	PPNR	1.3 +	2.5 +	6.9	1.88	0.36	5.29 -	1668.	58.	1.
1595	0000	-672	37.7191	81.0983	PPNR	1.4 +	2.3 +	6.5	1.72	0.36	4.79 -	1656.	59.	0.
1596	0000	-673	37.7191	81.0977	PPNR	1.3 +	2.4 +	6.4	1.86	0.38 +	4.91 -	1612.	57.	0.
1597	0000	-673	37.7191	81.0970	PPNR	1.2	2.3 +	5.9	1.98	0.39 +	5.13 -	1493.	56.	1.
1598	0000	-672	37.7191	81.0963	PPNR	1.0	1.9	5.4	1.92	0.35	5.45	1345.	57.	2.
1599	0000	-672	37.7191	81.0957	PPNR	0.9	1.6	4.7	1.82	0.33	5.48	1196.	54.	3.
1600	0000	-672	37.7191	81.0951	PPNR	0.7	1.3	4.4 -	1.76	0.29	6.00	1068.	52.	3.
1601	0000	-672	37.7191	81.0944	PPNR	0.6 -	1.0 -	4.2 -	1.63	0.24	6.84	944.	55.	4.
1602	0000	-672	37.7191	81.0938	PPNR	0.5 -	1.0 -	4.2 -	2.11	0.24	8.90 +	850.	55.	5.
1603	0000	-673	37.7191	81.0931	PPNR	0.4 -	0.6 -	4.0 -	1.60	0.16 -	9.94 ++	773.	56.	6.
1604	0000	-672	37.7191	81.0924	PPNR	0.4 -	0.6 -	3.9 -	1.68	0.16 -	10.27 ++	727.	56.	5.
1605	0000	-671	37.7191	81.0918	PPNR	0.4 -	0.7 -	3.5 -	1.89	0.19 -	10.08 ++	704.	57.	6.
1606	0000	-671	37.7191	81.0911	PPNR	0.4 -	0.7 -	3.6 -	1.95	0.20 -	9.99 ++	702.	57.	6.
1607	0000	-672	37.7191	81.0905	PPNR	0.4 -	0.8 -	3.2 -	2.19	0.24	9.07 +	699.	56.	6.
1608	0000	-673	37.7191	81.0898	PPNR	0.4 -	0.8 -	3.0 --	2.06	0.25	8.34 +	706.	55.	5.
1609	0000	-671	37.7191	81.0892	PPNR	0.4 -	0.6 -	2.9 --	1.65	0.22	7.68	701.	56.	6.
1610	0000	-670	37.7191	81.0885	PPNR	0.4 -	0.7 -	2.7 --	1.96	0.27	7.33	701.	58.	5.
1611	0000	-672	37.7191	81.0879	PPNR	0.4 -	0.8 -	2.8 --	1.98	0.28	7.17	711.	57.	5.
1612	0000	-672	37.7191	81.0873	PPNR	0.4 -	0.7 -	3.0 --	1.86	0.24	7.78	727.	53.	5.
1613	0000	-672	37.7192	81.0866	PPNR	0.4 -	0.7 -	3.2 -	2.00	0.23	8.70 +	729.	54.	5.
1614	0000	-673	37.7192	81.0859	PPNR	0.4 -	0.6 -	3.7 -	1.66	0.17 -	9.87 ++	747.	57.	5.
1615	0000	-672	37.7192	81.0853	PPNR	0.3 -	0.7 -	3.9 -	2.15	0.19 -	11.24 ++	761.	57.	5.
1616	0000	-671	37.7192	81.0847	PPNR	0.4 -	0.8 -	4.2 -	2.06	0.20 -	10.52 ++	802.	55.	5.
1617	0000	-671	37.7192	81.0840	PPNR	0.4 -	0.8 -	4.4 -	2.05	0.19 -	11.00 ++	832.	53.	5.
1618	0000	-673	37.7192	81.0834	PPNR	0.4 -	0.8 -	4.5 -	1.97	0.19 -	10.60 ++	865.	55.	6.
1619	0000	-673	37.7192	81.0828	PPNR	0.5 -	1.0 -	4.6	2.31	0.23	10.19 ++	896.	57.	6.
1620	0000	-673	37.7192	81.0821	PPNR	0.5 -	0.9 -	4.5 -	1.88	0.21 -	9.05 +	939.	57.	7.
1621	0000	-674	37.7192	81.0815	PPNR	0.5 -	1.1 -	4.3 -	2.26	0.25	9.16 +	972.	57.	8.
1622	0000	-674	37.7192	81.0808	PPNR	0.5 -	1.1 -	4.5 -	2.13	0.25	8.62 +	1026.	57.	9.
1623	0000	-674	37.7192	81.0802	PPNR	0.5 -	1.3	4.5 -	2.53	0.28	8.96 +	1063.	57.	10.
1624	0000	-675	37.7192	81.0795	PPNR	0.6 -	1.2	4.6	2.11	0.26	8.26 +	1104.	59.	11.
1625	0000	-675	37.7192	81.0789	PPNR	0.6 -	1.2	4.8	2.12	0.26	8.27 +	1150.	57.	10.
1626	0000	-676	37.7193	81.0782	PPNR	0.6 -	1.2	5.1	1.95	0.23	8.30 +	1180.	55.	11.
1627	0000	-677	37.7193	81.0775	PPNR	0.6 -	1.4	5.1	2.36	0.28	8.29 +	1190.	56.	10.
1628	0000	-676	37.7193	81.0769	PPNR	0.6 -	1.5	5.1	2.48	0.29	8.60 +	1180.	56.	9.
1629	0000	-676	37.7193	81.0762	PPNR	0.6 -	1.4	5.2	2.26	0.26	8.63 +	1140.	56.	8.
1630	0000	-676	37.7193	81.0756	PPNR	0.6 -	1.2	5.4	2.05	0.23	9.07 +	1120.	56.	6.
1631	0000	-677	37.7193	81.0750	PPNR	0.5 -	1.5	5.3	2.78 -	0.29	9.73 ++	1100.	53.	4.
1632	0000	-677	37.7193	81.0743	PPNR	0.5 -	1.5	5.0	2.84 -	0.29	9.26 +	1080.	52.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	MAG TAGS	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-678	37.7193	81.0737	PPNR	0.5 -	1.4	5.2	3.00 +	0.28	10.80 ++	1061.	52.	3.
1634	0000	-678	37.7193	81.0730	PPNR	0.5 -	1.4	5.4	2.98 +	0.27	11.09 ++	1059.	51.	2.
1635	0000	-676	37.7193	81.0724	PPNR	0.5 -	1.4	5.5	2.74 +	0.26	10.48 ++	1058.	51.	2.
1636	0000	-676	37.7193	81.0717	PPNR	0.5 -	1.7	5.5	3.56 +	0.30	11.67 +++	1065.	48.	1.
1637	0000	-679	37.7193	81.0710	PPNR	0.5 -	1.9	5.1	3.92 ++	0.37	10.67 ++	1057.	48.	2.
1638	0000	-680	37.7193	81.0704	PPNR	0.5 -	1.7	5.4	3.36 +	0.32	10.57 ++	1056.	51.	3.
1639	0000	-679	37.7193	81.0697	PPNR	0.5 -	1.6	5.5	3.26 +	0.30	10.85 ++	1050.	54.	3.
1640	0000	-680	37.7193	81.0691	PPNR	0.5 -	1.6	5.3	2.92 +	0.30	9.84 ++	1072.	55.	4.
1641	0000	-681	37.7193	81.0685	PPNR	0.5 -	1.4	5.2	2.56	0.27	9.60 +	1075.	55.	4.
1642	0000	-681	37.7193	81.0678	PPNR	0.6 -	1.4	5.0	2.42	0.28	8.78 +	1090.	55.	5.
1643	0000	-681	37.7193	81.0672	PPNR	0.6 -	1.4	5.0	2.22	0.28	8.02 +	1106.	57.	5.
1644	0000	-682	37.7193	81.0665	PPNR	0.6 -	1.3	5.1	2.15	0.26	8.40 +	1126.	60.	4.
1645	0000	-683	37.7193	81.0658	PPNR	0.6	1.3	5.1	2.04	0.25	8.12 +	1151.	57.	4.
1646	0000	-683	37.7193	81.0652	PPNR	0.7	1.4	5.2	2.13	0.27	7.83	1175.	57.	3.
1647	0000	-682	37.7193	81.0646	PPNR	0.7	1.5	5.3	2.04	0.28	7.24	1182.	56.	3.
1648	0000	-682	37.7193	81.0639	PPNR	0.7	1.6	5.4	2.25	0.30	7.55	1190.	58.	2.
1649	0000	-683	37.7193	81.0633	PPNR	0.7	1.7	5.6	2.59 +	0.31	8.41 +	1210.	59.	2.
1650	0000	-682	37.7193	81.0627	PPNR	0.7	1.7	5.8	2.53	0.30	8.54 +	1216.	59.	2.
1651	0000	-681	37.7194	81.0620	PPNR	0.7	1.7	6.1	2.47	0.28	8.97 +	1233.	58.	1.
1652	0000	-683	37.7194	81.0614	PPNR	0.7	1.9	6.0	2.70 +	0.33	8.26 +	1230.	59.	1.
1653	0000	-685	37.7194	81.0607	PPNR	0.7	1.9	5.7	2.90 +	0.33	8.74 +	1192.	60.	1.
1654	0000	-685	37.7194	81.0600	PPNR	0.6 -	1.9	5.7	3.14 +	0.33	9.63 ++	1149.	61.	1.
1655	0000	-687	37.7194	81.0594	PPP	0.6 -	1.7	5.5	3.08 +	0.31	9.82 ++	1092.	60.	0.
1656	0000	-687	37.7194	81.0587	PPP	0.6 -	1.5	5.2	2.76 +	0.29	9.40 +	1006.	61.	0.
1657	0000	-687	37.7194	81.0581	PPP	0.5 -	1.5	4.8 -	3.03 +	0.31	9.68 ++	945.	59.	0.
1658	0000	-688	37.7194	81.0574	PPP	0.5 -	1.3	4.1 -	2.68 +	0.32	8.28 +	868.	60.	1.
1659	0000	-688	37.7194	81.0568	PPP	0.4 --	1.0 -	3.8 -	2.43	0.27	9.02 +	818.	59.	1.
1660	0000	-688	37.7194	81.0562	PPP	0.4 --	1.0 -	4.1 -	2.30	0.23	9.91 ++	796.	58.	2.
1661	0000	-689	37.7194	81.0555	PPNR	0.4 -	1.0 -	4.0 -	2.49	0.24	10.21 ++	777.	57.	3.
1662	0000	-690	37.7194	81.0549	PPNR	0.4 -	0.9 -	3.9 -	2.14	0.24	8.87 +	788.	53.	4.
1663	0000	-690	37.7194	81.0542	PPNR	0.5 -	0.9 -	3.5 -	1.97	0.26	7.49	797.	55.	5.
1664	0000	-688	37.7194	81.0535	PPNR	0.5 -	0.8 -	3.4 -	1.66	0.24	7.04	805.	56.	7.
1665	0000	-688	37.7194	81.0529	PPNR	0.5 -	0.8 -	3.4 -	1.62	0.22	7.37	814.	55.	8.
1666	0000	-690	37.7194	81.0522	PPNR	0.5 -	0.7 -	3.6 -	1.41	0.18 -	7.79	811.	55.	9.
1667	0000	-691	37.7194	81.0516	PPNR	0.5 -	0.6 -	3.5 -	1.38	0.19 -	7.44	800.	56.	10.
1668	0000	-691	37.7194	81.0509	PPNR	0.5 -	0.6 --	3.2 -	1.25 -	0.18 -	6.91	801.	58.	10.
1669	0000	-692	37.7194	81.0503	PPNR	0.4 -	0.7 -	3.2 -	1.57	0.21 -	7.50	800.	58.	10.
1670	0000	-691	37.7194	81.0496	PPNR	0.4 -	0.6 -	3.7 -	1.54	0.17 -	8.98 +	817.	56.	10.
1671	0000	-691	37.7194	81.0490	PPNR	0.4 -	0.5 --	4.1 -	1.33	0.13 --	9.89 ++	820.	57.	10.
1672	0000	-693	37.7194	81.0484	PPNR	0.4 -	0.6 --	4.0 -	1.36	0.15 --	9.24 +	828.	56.	11.
1673	0000	-693	37.7194	81.0477	PPNR	0.4 -	0.7 -	3.9 -	1.51	0.17 -	8.87 +	837.	57.	11.
1674	0000	-693	37.7194	81.0470	PPNR	0.5 -	0.7 -	3.9 -	1.47	0.18 -	8.35 +	848.	56.	11.
1675	0000	-695	37.7194	81.0464	PPNR	0.5 -	0.5 --	4.2 -	1.17 -	0.13 --	9.20 +	862.	55.	12.
1676	0000	-695	37.7194	81.0457	PPNR	0.4 -	0.4 ---	4.1 -	0.96 -	0.10 ---	9.20 +	864.	58.	13.
1677	0000	-694	37.7195	81.0451	PPNR	0.4 -	0.6 --	4.1 -	1.27 -	0.14 --	9.26 +	860.	59.	13.
1678	0000	-696	37.7195	81.0445	PPNR	0.4 -	0.7 -	3.7 -	1.46	0.18 -	8.31 +	864.	60.	13.
1679	0000	-698	37.7195	81.0439	PPNR	0.4 -	0.6 -	3.6 -	1.45	0.17 -	8.31 +	841.	62.	12.
1680	0000	-697	37.7195	81.0432	PPNR	0.4 -	0.6 --	3.5 -	1.52	0.17 -	8.89 +	816.	61.	12.
1681	0000	-698	37.7195	81.0426	PPNR	0.4 -	0.6 -	3.2 -	1.82	0.20 -	9.06 +	792.	63.	11.
1682	0000	-698	37.7195	81.0419	PPNR	0.3 -	0.7 -	2.7 --	2.19	0.28	7.83	759.	65.	10.
1683	0000	-699	37.7195	81.0412	PPNR	0.3 -	0.8 -	2.4 --	2.30	0.31	7.39	737.	65.	10.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-701	37.7195	81.0406	PPNR	0.3 -	0.7 -	2.4 --	1.95	0.28	7.03	729.	62.	10.
1685	0000	-702	37.7195	81.0399	PPNR	0.3 -	0.7 -	2.4 --	2.20	0.30	7.33	711.	62.	9.
1686	0000	-702	37.7195	81.0393	PPNR	0.3 --	0.7 -	2.4 --	2.26	0.29	7.71	711.	63.	9.
1687	0000	-703	37.7195	81.0386	PPNR	0.3 --	0.7 -	2.4 --	2.38	0.31	7.64	717.	62.	8.
1688	0000	-703	37.7195	81.0380	PPNR	0.3 -	0.8 -	2.5 --	2.47	0.31	7.90	729.	60.	8.
1689	0000	-703	37.7196	81.0373	PPNR	0.3 --	0.8 -	2.8 --	2.44	0.28	8.64 +	732.	58.	8.
1690	0000	-703	37.7196	81.0367	PPNR	0.3 --	0.9 -	3.1 --	3.14 +	0.30	10.54 ++	742.	55.	7.
1691	0000	-704	37.7196	81.0361	PPNR	0.3 --	1.0 -	2.9 --	3.58 ++	0.34	10.44 ++	746.	55.	7.
1692	0000	-704	37.7196	81.0354	PPNR	0.3 --	1.0 -	3.0 --	3.57 ++	0.34	10.60 ++	757.	54.	6.
1693	0000	-705	37.7196	81.0347	PPNR	0.3 --	1.2	3.3 -	4.53 ++	0.36	12.43 +++	772.	52.	6.
1694	0000	-706	37.7196	81.0341	PPNR	0.3 --	1.1 -	3.4 -	3.50 +	0.32	10.76 ++	783.	54.	6.
1695	0000	-707	37.7196	81.0334	PPNR	0.3 -	0.9 -	3.4 -	2.87 +	0.28	10.23 ++	790.	54.	6.
1696	0000	-709	37.7196	81.0328	PPNR	0.4 -	1.1 -	3.4 -	3.14 +	0.32	9.75 ++	816.	56.	6.
1697	0000	-708	37.7196	81.0321	PPNR	0.4 -	1.2	3.3 -	2.96 +	0.37	8.01 +	837.	60.	6.
1698	0000	-707	37.7196	81.0315	PPNR	0.5 -	1.2	3.1 --	2.66 +	0.39 +	6.90	851.	62.	6.
1699	0000	-708	37.7196	81.0308	PPNR	0.5 -	1.0 -	3.3 -	2.04	0.30	6.75	849.	64.	6.
1700	0000	-709	37.7196	81.0302	PPNR	0.5 -	0.9 -	3.1 --	1.84	0.29	6.27	858.	63.	7.
1701	0000	-710	37.7196	81.0295	PPNR	0.5 -	1.0 -	3.5 -	2.15	0.30	7.16	867.	62.	6.
1702	0000	-711	37.7196	81.0289	PPNR	0.5 -	1.1 -	3.6 -	2.47	0.32	7.67	875.	60.	6.
1703	0000	-711	37.7196	81.0282	PPNR	0.5 -	1.2	3.5 -	2.62 +	0.34	7.75	873.	59.	6.
1704	0000	-711	37.7196	81.0276	PPNR	0.5 -	1.2	3.7 -	2.41	0.32	7.66	888.	59.	6.
1705	0000	-713	37.7196	81.0269	PPNR	0.5 -	1.1 -	4.2 -	2.22	0.26	8.61 +	923.	58.	5.
1706	0000	-714	37.7196	81.0263	PPNR	0.5 -	1.2	4.4 -	2.28	0.28	8.18 +	1009.	57.	5.
1707	0000	-715	37.7196	81.0256	PPP	0.6 -	1.5	4.5 -	2.50 +	0.34	7.29	1088.	58.	3.
1708	0000	-715	37.7196	81.0250	PPP	0.7 -	1.7	4.8 -	2.57 +	0.36	7.24	1163.	58.	3.
1709	0000	-715	37.7196	81.0244	PPP	0.7	1.7	5.3	2.42	0.33	7.28	1226.	60.	3.
1710	0000	-715	37.7196	81.0238	PPP	0.8	1.7	5.7	2.06	0.29	7.04	1287.	58.	3.
1711	0000	-716	37.7196	81.0231	PPP	0.8	1.6	6.4	1.96	0.25	7.86	1332.	56.	3.
1712	0000	-716	37.7196	81.0225	PPP	0.8	1.6	6.8	1.92	0.23	8.26 +	1345.	55.	4.
1713	0000	-718	37.7196	81.0218	PPP	0.8	1.4	6.6	1.77	0.22	8.16 +	1314.	57.	5.
1714	0000	-719	37.7196	81.0211	PPP	0.8	1.3 -	6.9	1.61	0.18 -	8.76 +	1289.	57.	7.
1715	0000	-717	37.7197	81.0205	PPP	0.8	1.1 -	7.1	1.32	0.15 --	8.98 +	1292.	58.	8.
1716	0000	-718	37.7197	81.0198	PPP	0.8	1.2 -	6.9	1.52	0.17 -	8.71 +	1321.	57.	9.
1717	0000	-721	37.7197	81.0192	PPP	0.9	1.2 -	6.9	1.35	0.17 --	8.07 +	1368.	58.	10.
1718	0000	-721	37.7197	81.0185	PPP	0.9	1.3 -	6.9	1.39	0.18 -	7.68	1410.	58.	12.
1719	0000	-722	37.7197	81.0179	PPP	0.9	1.4	7.0	1.45	0.19 -	7.55	1460.	57.	12.
1720	0000	-722	37.7197	81.0173	PPP	1.0	1.6	7.6	1.62	0.21 -	7.76	1524.	58.	11.
1721	0000	-722	37.7197	81.0166	PPP	1.0	1.4	7.8	1.41	0.19 -	7.61	1558.	56.	11.
1722	0000	-724	37.7197	81.0160	PPP	1.0	1.6	7.4	1.60	0.22	7.24	1540.	58.	10.
1723	0000	-725	37.7197	81.0153	PPP	1.0	1.5	7.4	1.41	0.20 -	7.21	1506.	58.	9.
1724	0000	-725	37.7197	81.0146	PPP	1.0	1.4	7.3	1.45	0.20 -	7.39	1471.	58.	7.
1725	0000	-726	37.7197	81.0140	PPP	1.0	1.5	7.1	1.54	0.21 -	7.26	1440.	59.	5.
1726	0000	-726	37.7197	81.0133	PPP	1.0	1.5	7.0	1.56	0.22	7.03	1444.	63.	4.
1727	0000	-728	37.7197	81.0127	PPP	1.0	1.8	7.2	1.73	0.24	7.09	1473.	60.	3.
1728	0000	-731	37.7197	81.0120	PPP	1.0	2.2	7.1	2.24	0.31	7.20	1477.	61.	2.
1729	0000	-731	37.7197	81.0114	PPP	1.0	2.1	7.3	2.04	0.29	7.11	1476.	60.	1.
1730	0000	-730	37.7197	81.0107	MBP	1.0 +	2.2 +	7.3	2.21	0.30	7.24	1486.	58.	1.
1731	0000	-731	37.7197	81.0101	MBP	1.0 +	2.2 +	7.4	2.23	0.30	7.54	1474.	57.	1.
1732	0000	-731	37.7197	81.0095	MBP	1.0	2.1	7.1	2.15	0.29	7.34	1453.	56.	2.
1733	0000	-733	37.7197	81.0088	MBP	0.9	2.0	6.6	2.11	0.30	7.02	1406.	55.	2.
1734	0000	-734	37.7197	81.0081	MBP	0.9	1.9	6.0	2.07	0.31	6.59 -	1358.	56.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-734	37.7197	81.0075	MBP	0.9	1.7	6.3	1.84	0.27	6.76 -	1373.	55.	3.
1736	0000	-736	37.7197	81.0068	MBP	0.9	1.9	6.5	2.06	0.29	7.15	1427.	56.	4.
1737	0000	-737	37.7197	81.0062	MBP	0.9	1.9	6.9	2.04	0.28	7.27	1465.	58.	4.
1738	0000	-738	37.7197	81.0055	MBP	0.9	1.9	7.1	2.12	0.27	7.83	1484.	59.	5.
1739	0000	-740	37.7197	81.0049	MBP	0.9	2.2 +	7.3	2.38	0.30	8.04	1522.	59.	5.
1740	0000	-740	37.7197	81.0043	MBP	0.9	2.3 +	7.7 +	2.48	0.30	8.26	1551.	58.	5.
1741	0000	-740	37.7197	81.0038	MBP	0.9	2.1	8.1 +	2.33	0.26	8.93	1527.	59.	4.
1742	0000	-741	37.7197	81.0033	MBP	0.9	1.9	7.5 +	2.26	0.26	8.80	1452.	58.	4.
1743	0000	-741	37.7197	81.0028	MBP	0.8	1.7	7.1	2.12	0.25	8.60	1365.	58.	3.
1744	0000	-742	37.7197	81.0023	MBP	0.8	1.4	6.7	1.87	0.22	8.62	1281.	60.	2.
1745	0000	-743	37.7197	81.0017	MBP	0.7	1.5	6.1	1.97	0.24	8.18	1218.	59.	2.
1746	0000	-743	37.7197	81.0013	MBP	0.7	1.2	5.8	1.75	0.21	8.26	1140.	61.	2.
1747	0000	-745	37.7197	81.0008	MBP	0.6	1.1 -	5.2	1.85	0.22	8.46	1077.	60.	3.
1748	0000	-747	37.7197	81.0003	PPP	0.5 -	1.2 -	4.6 -	2.17	0.26	8.41 +	1028.	62.	4.
1749	0000	-748	37.7197	80.9997	PPP	0.6 -	1.1 -	4.3 -	1.90	0.25	7.61	997.	64.	5.
1750	0000	-747	37.7197	80.9992	PPP	0.5 -	1.0 -	4.1 -	1.92	0.24	7.87	976.	62.	6.
1751	0000	-748	37.7197	80.9987	PPP	0.5 -	1.1 -	3.7 -	2.29	0.29	7.86	952.	61.	8.
1752	0000	-750	37.7197	80.9983	PPP	0.4 --	1.1 -	3.8 -	2.53 +	0.29	8.74 +	932.	60.	8.
1753	0000	-751	37.7197	80.9978	PPP	0.4 --	1.0 -	3.8 -	2.20	0.25	8.75 +	917.	60.	9.
1754	0000	-751	37.7197	80.9973	PPP	0.4 --	0.9 -	3.9 -	2.28	0.24	9.60 ++	906.	59.	8.
1755	0000	-751	37.7196	80.9968	PPP	0.4 --	0.9 -	3.9 -	2.28	0.24	9.46 +	903.	59.	7.
1756	0000	-752	37.7196	80.9963	PPP	0.4 --	1.1 -	4.1 -	2.74 +	0.27	10.26 ++	926.	58.	6.
1757	0000	-754	37.7196	80.9957	PPP	0.4 --	1.3 -	4.3 -	2.99 +	0.29	10.24 ++	966.	59.	4.
1758	0000	-755	37.7196	80.9952	PPP	0.5 -	1.4	5.0	2.69 +	0.27	10.00 ++	1044.	58.	3.
1759	0000	-755	37.7196	80.9948	PPP	0.6 -	1.4	5.2	2.44	0.28	8.85 +	1124.	59.	2.
1760	0000	-755	37.7196	80.9943	PPP	0.6 -	1.7	5.7	2.67 +	0.30	8.80 +	1211.	55.	2.
1761	0000	-757	37.7196	80.9937	PPP	0.7	1.9	6.1	2.70 +	0.32	8.57 +	1307.	56.	1.
1762	0000	-759	37.7195	80.9932	PPP	0.8	2.0	6.8	2.45	0.29	8.43 +	1424.	55.	1.
1763	0000	-759	37.7195	80.9927	PPP	0.9	2.1	7.8	2.32	0.27	8.69 +	1544.	55.	1.
1764	0000	-759	37.7195	80.9923	PPP	1.1	2.1	8.1 +	2.02	0.26	7.71	1633.	55.	1.
1765	0000	-760	37.7195	80.9918	PPP	1.1	2.3	8.0 +	2.13	0.29	7.26	1691.	58.	1.
1766	0000	-761	37.7195	80.9912	PPP	1.2	2.4 +	8.3 +	1.99	0.28	7.05	1734.	59.	0.
1767	0000	-763	37.7195	80.9908	PPP	1.3	2.2	8.5 +	1.76	0.26	6.76	1779.	62.	0.
1768	0000	-763	37.7195	80.9903	PPP	1.3	2.3	8.6 +	1.75	0.27	6.55	1814.	63.	0.
1769	0000	-762	37.7195	80.9898	PPP	1.3	2.5 +	8.1 +	1.92	0.32	6.11	1798.	61.	0.
1770	0000	-763	37.7195	80.9892	PPP	1.3	2.6 +	7.2	2.06	0.36 +	5.69	1743.	62.	1.
1771	0000	-763	37.7195	80.9887	PPP	1.1	2.6 +	6.6	2.29	0.39 +	5.81	1687.	63.	2.
1772	0000	-764	37.7195	80.9882	PPP	1.0	2.2	6.6	2.14	0.34	6.30	1601.	62.	3.
1773	0000	-767	37.7195	80.9877	PPP	0.9	2.3	6.1	2.42	0.37 +	6.54	1517.	59.	3.
1774	0000	-768	37.7195	80.9872	PPP	0.8	2.5 +	5.6	2.95 +	0.44 +	6.71	1413.	61.	2.
1775	0000	-768	37.7195	80.9868	PPP	0.7	2.3	5.2	3.10 +	0.44 +	6.98	1303.	60.	3.
1776	0000	-769	37.7194	80.9863	PPP	0.6 -	2.0	5.1	3.20 +	0.39 +	8.26 +	1205.	62.	3.
1777	0000	-769	37.7194	80.9858	PPP	0.6 -	1.8	5.2	3.16 +	0.35	8.90 +	1155.	61.	3.
1778	0000	-770	37.7194	80.9853	PPP	0.5 -	1.8	5.4	3.63 ++	0.34	10.66 ++	1126.	60.	3.
1779	0000	-771	37.7194	80.9847	PPP	0.5 -	2.0	5.3	3.73 ++	0.37 +	10.07 ++	1140.	59.	2.
1780	0000	-773	37.7194	80.9843	PPP	0.6 -	2.0	5.6	3.45 ++	0.35	9.79 ++	1190.	60.	4.
1781	0000	-774	37.7194	80.9838	PPP	0.6 -	1.7	5.8	2.67 +	0.30	9.00 +	1254.	59.	5.
1782	0000	-773	37.7194	80.9833	PPP	0.7	1.6	6.1	2.21	0.27	8.25 +	1317.	60.	7.
1783	0000	-773	37.7194	80.9827	PPP	0.8	1.7	6.1	2.09	0.28	7.34	1405.	59.	8.
1784	0000	-775	37.7194	80.9822	PPP	0.9	1.8	6.7	2.04	0.26	7.70	1470.	62.	8.
1785	0000	-776	37.7194	80.9817	PPP	1.0	1.6	6.6	1.64	0.24	6.72	1528.	66.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-776	37.7194	80.9812	PPP	1.1	1.7	7.4	1.52	0.23	6.77	1631.	65.	10.
1787	0000	-777	37.7194	80.9808	PPP	1.1	1.9	7.6	1.75	0.25	7.08	1649.	66.	10.
1788	0000	-777	37.7194	80.9803	PPP	1.0	2.0	7.4	1.93	0.27	7.14	1643.	67.	10.
1789	0000	-778	37.7194	80.9798	PPP	1.0	2.0	7.4	2.05	0.28	7.36	1630.	65.	10.
1790	0000	-781	37.7193	80.9793	PPP	1.0	2.0	7.5	2.01	0.26	7.66	1600.	65.	9.
1791	0000	-782	37.7193	80.9787	PPP	1.0	1.9	7.1	2.00	0.27	7.36	1572.	65.	9.
1792	0000	-782	37.7193	80.9782	PPP	0.9	2.0	7.2	2.16	0.28	7.67	1539.	60.	8.
1793	0000	-782	37.7193	80.9778	PPP	0.9	1.9	6.4	2.21	0.30	7.41	1446.	64.	8.
1794	0000	-783	37.7193	80.9773	PPP	0.9	1.5	6.0	1.69	0.26	6.58	1402.	67.	8.
1795	0000	-784	37.7193	80.9767	PPP	0.9	1.7	6.5	1.86	0.26	7.19	1425.	66.	7.
1796	0000	-784	37.7193	80.9762	PPP	1.0	1.6	6.5	1.66	0.25	6.58	1452.	66.	7.
1797	0000	-785	37.7193	80.9757	PPP	1.0	1.7	6.5	1.62	0.26	6.34	1468.	66.	7.
1798	0000	-785	37.7193	80.9753	PPP	1.0	1.6	6.3	1.58	0.25	6.23	1462.	67.	7.
1799	0000	-785	37.7193	80.9748	PPP	1.0	1.6	6.4	1.57	0.24	6.44	1465.	68.	7.
1800	0000	-788	37.7193	80.9743	PPP	1.0	1.9	6.7	1.96	0.29	6.84	1479.	65.	6.
1801	0000	-789	37.7193	80.9738	PPP	1.0	1.9	7.2	1.91	0.27	7.14	1509.	61.	6.
1802	0000	-789	37.7193	80.9733	PPP	1.1	1.8	6.8	1.72	0.27	6.45	1520.	58.	6.
1803	0000	-791	37.7193	80.9728	PPP	1.1	2.0	7.1	1.76	0.28	6.35	1557.	58.	5.
1804	0000	-790	37.7192	80.9722	PPP	1.2	1.9	7.6	1.59	0.25	6.27	1624.	58.	5.
1805	0000	-789	37.7192	80.9717	PPP	1.3	2.0	7.9	1.52	0.25	5.96	1679.	57.	5.
1806	0000	-790	37.7192	80.9713	PPP	1.3	2.0	7.9	1.54	0.26	5.99	1683.	58.	5.
1807	0000	-792	37.7192	80.9708	PPP	1.3	1.8	7.7	1.36	0.23	5.79	1680.	61.	6.
1808	0000	-793	37.7192	80.9702	PPP	1.3	1.7	7.5	1.38	0.23	5.89	1669.	63.	7.
1809	0000	-793	37.7192	80.9697	PPP	1.2	1.8	7.4	1.56	0.25	6.24	1647.	65.	8.
1810	0000	-793	37.7192	80.9693	PPP	1.1	1.7	7.1	1.56	0.24	6.54	1589.	63.	9.
1811	0000	-794	37.7192	80.9688	PPP	1.0	1.6	6.8	1.58	0.23	6.92	1531.	66.	10.
1812	0000	-795	37.7192	80.9683	PPP	0.9	1.6	6.8	1.74	0.23	7.44	1513.	68.	11.
1813	0000	-795	37.7192	80.9678	PPP	0.9	1.7	6.7	1.80	0.25	7.27	1547.	65.	12.
1814	0000	-796	37.7192	80.9673	PPP	1.0	1.5	7.3	1.53	0.20 -	7.59	1586.	62.	12.
1815	0000	-797	37.7192	80.9668	PPP	1.0	1.8	7.4	1.86	0.25	7.47	1615.	59.	12.
1816	0000	-798	37.7192	80.9662	PPP	1.0	1.7	7.4	1.65	0.23	7.12	1624.	60.	12.
1817	0000	-798	37.7192	80.9657	PPP	1.1	1.6	7.7	1.54	0.21 -	7.24	1655.	60.	11.
1818	0000	-799	37.7191	80.9652	PPP	1.1	2.0	7.4	1.83	0.27	6.82	1693.	57.	11.
1819	0000	-800	37.7191	80.9648	PPP	1.2	2.0	7.2	1.71	0.28	6.13	1737.	55.	10.
1820	0000	-801	37.7191	80.9642	PPP	1.3	2.1	7.3	1.61	0.29	5.57	1784.	56.	9.
1821	0000	-800	37.7191	80.9638	PPP	1.4 +	2.2	6.9	1.61	0.32	4.99 -	1802.	60.	8.
1822	0000	-800	37.7191	80.9633	PPP	1.4 +	2.1	6.8	1.50	0.32	4.74 -	1796.	62.	6.
1823	0000	-801	37.7191	80.9628	PPP	1.4 +	2.1	6.9	1.48	0.31	4.84 -	1762.	62.	6.
1824	0000	-801	37.7191	80.9623	PPP	1.4 +	2.2	6.7	1.57	0.32	4.83 -	1706.	65.	6.
1825	0000	-802	37.7190	80.9617	PPP	1.3	1.9	6.6	1.43	0.29	5.00 -	1612.	66.	5.
1826	0000	-803	37.7190	80.9612	PPP	1.2	1.7	6.2	1.40	0.27	5.16 -	1495.	65.	4.
1827	0000	-803	37.7190	80.9608	PPP	1.1	1.6	5.9	1.48	0.26	5.59	1372.	66.	4.
1828	0000	-803	37.7190	80.9603	PPP	0.9	1.4	5.7	1.61	0.25	6.35	1288.	63.	3.
1829	0000	-804	37.7190	80.9597	PPP	0.8	1.4	5.4	1.67	0.26	6.45	1208.	63.	3.
1830	0000	-804	37.7190	80.9592	PPP	0.8	1.3 -	5.1	1.67	0.25	6.64	1160.	63.	3.
1831	0000	-805	37.7190	80.9587	PPP	0.7	1.5	4.7 -	2.17	0.31	7.00	1132.	61.	3.
1832	0000	-806	37.7190	80.9582	PPP	0.7 -	1.5	4.6 -	2.27	0.32	7.06	1128.	60.	3.
1833	0000	-806	37.7190	80.9578	PPP	0.7 -	1.6	5.0	2.47	0.33	7.44	1147.	58.	3.
1834	0000	-807	37.7190	80.9573	PPP	0.7	1.5	5.3	2.12	0.27	7.79	1162.	60.	3.
1835	0000	-807	37.7190	80.9568	PPP	0.7	1.7	5.4	2.28	0.31	7.34	1194.	59.	3.
1836	0000	-807	37.7190	80.9563	PPP	0.8	1.8	5.7	2.26	0.31	7.33	1257.	60.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-807	37.7190	80.9558		PPP	0.8	1.9	6.0	2.22	0.32	7.04	1322.	62.	4.
1838	0000	-808	37.7190	80.9552		PPP	0.9	1.8	6.4	2.03	0.29	7.07	1355.	64.	4.
1839	0000	-809	37.7190	80.9547		PPP	0.9	1.8	6.5	2.00	0.28	7.18	1376.	62.	4.
1840	0000	-808	37.7189	80.9543		PPP	0.9	1.9	6.3	2.16	0.31	7.04	1377.	64.	5.
1841	0000	-808	37.7189	80.9538		PPP	0.9	2.2	6.3	2.52 +	0.35	7.13	1392.	63.	4.
1842	0000	-809	37.7189	80.9532		PPP	0.9	2.2	6.1	2.35	0.36 +	6.49	1396.	65.	5.
1843	0000	-809	37.7189	80.9527		PPP	0.9	2.2	6.2	2.34	0.35	6.72	1412.	63.	5.
1844	0000	-809	37.7189	80.9522		PPP	1.0	2.1	6.6	2.12	0.31	6.74	1435.	61.	5.
1845	0000	-809	37.7189	80.9518		PPP	1.0	2.1	6.5	2.07	0.33	6.27	1495.	60.	6.
1846	0000	-808	37.7189	80.9513		PPP	1.1	2.3	7.0	2.06	0.32	6.38	1571.	62.	5.
1847	0000	-808	37.7189	80.9508		PPP	1.2	2.0	8.0	1.67	0.25	6.81	1645.	61.	5.
1848	0000	-809	37.7189	80.9503		PPP	1.2	1.8	8.1 +	1.45	0.22	6.62	1697.	62.	7.
1849	0000	-809	37.7189	80.9498		PPP	1.2	1.6	8.5 +	1.37	0.19 -	7.16	1728.	61.	8.
1850	0000	-810	37.7189	80.9492		PPP	1.2	1.7	8.8 +	1.48	0.20 -	7.51	1759.	62.	8.
1851	0000	-810	37.7189	80.9487		PPP	1.1	1.9	8.5 +	1.73	0.22	7.76	1755.	62.	10.
1852	0000	-810	37.7189	80.9482		PPP	1.0	1.6	8.6 +	1.58	0.19 -	8.27 +	1714.	61.	12.
1853	0000	-811	37.7189	80.9478		PPP	1.0	1.4	8.2 +	1.48	0.18 -	8.41 +	1640.	60.	13.
1854	0000	-811	37.7188	80.9472		PPP	0.9	1.3	7.8	1.44	0.17 -	8.37 +	1583.	61.	15.
1855	0000	-811	37.7188	80.9467		PPP	0.9	1.3	7.4	1.44	0.18 -	8.13 +	1548.	61.	15.
1856	0000	-811	37.7188	80.9463		PPP	0.9	1.2 -	7.6	1.39	0.17 --	8.43 +	1542.	62.	15.
1857	0000	-811	37.7188	80.9458		PPP	0.9	1.1 -	7.5	1.23 -	0.15 --	8.03 +	1512.	59.	14.
1858	0000	-811	37.7188	80.9453		PPP	0.9	1.1 -	7.8	1.22 -	0.15 --	8.38 +	1503.	58.	13.
1859	0000	-811	37.7188	80.9448		PPP	0.9	1.3 -	7.8	1.39	0.16 --	8.50 +	1493.	59.	11.
1860	0000	-812	37.7188	80.9443		PPP	0.9	1.5	7.6	1.69	0.20 -	8.31 +	1505.	60.	10.
1861	0000	-811	37.7187	80.9438		PPP	0.9	1.8	7.3	2.00	0.24	8.28 +	1496.	57.	8.
1862	0000	-810	37.7187	80.9433		PPP	0.8	1.8	7.3	2.23	0.25	8.85 +	1464.	55.	7.
1863	0000	-810	37.7187	80.9427		PPP	0.8	1.8	6.9	2.44	0.27	9.12 +	1394.	57.	7.
1864	0000	-812	37.7187	80.9422		PPP	0.7	1.8	6.5	2.61 +	0.28	9.36 +	1346.	58.	7.
1865	0000	-813	37.7187	80.9417		PPP	0.7	1.6	6.3	2.37	0.25	9.36 +	1301.	59.	7.
1866	0000	-812	37.7187	80.9413		PPP	0.7	1.4	6.3	2.08	0.23	8.98 +	1297.	58.	8.
1867	0000	-811	37.7187	80.9407		PPP	0.7	1.3	6.5	1.95	0.21 -	9.48 +	1295.	59.	8.
1868	0000	-811	37.7187	80.9403		PPP	0.7 -	1.6	6.5	2.36	0.24	9.71 ++	1296.	62.	9.
1869	0000	-811	37.7187	80.9398		PPP	0.7 -	1.5	7.0	2.28	0.22	10.45 ++	1316.	60.	10.
1870	0000	-812	37.7187	80.9393		PPP	0.7	1.7	7.1	2.43	0.24	10.18 ++	1336.	56.	9.
1871	0000	-812	37.7187	80.9388		PPP	0.7	1.7	7.0	2.32	0.24	9.58 +	1355.	57.	9.
1872	0000	-812	37.7187	80.9383		PPP	0.7	1.8	7.0	2.42	0.25	9.59 ++	1372.	54.	8.
1873	0000	-812	37.7187	80.9378		PPP	0.8	1.8	7.2	2.40	0.25	9.51 +	1372.	55.	8.
1874	0000	-812	37.7187	80.9373		PPP	0.8	1.7	7.1	2.24	0.25	9.10 +	1371.	53.	8.
1875	0000	-813	37.7186	80.9368		PPP	0.8	1.6	7.0	2.06	0.23	9.14 +	1360.	52.	8.
1876	0000	-814	37.7186	80.9362		PPP	0.8	1.6	6.7	2.10	0.24	8.79 +	1360.	53.	8.
1877	0000	-813	37.7186	80.9357		PPP	0.8	1.2 -	6.9	1.53	0.18 -	8.63 +	1388.	53.	10.
1878	0000	-811	37.7186	80.9352		MBP	0.8	0.9 -	7.5 +	1.08 --	0.12 --	9.31	1410.	53.	11.
1879	0000	-812	37.7186	80.9348		MBP	0.9	0.7 --	7.8 +	0.82 --	0.09 ---	8.75	1446.	53.	12.
1880	0000	-814	37.7186	80.9343		MBP	0.9	0.7 --	7.7 +	0.73 ---	0.09 ---	8.33	1490.	51.	13.
1881	0000	-814	37.7186	80.9338		MBP	1.0 +	0.7 --	8.0 +	0.70 ---	0.09 ---	8.16	1513.	52.	14.
1882	0000	-813	37.7186	80.9333		MBP	1.1 +	0.6 --	8.0 +	0.58 ---	0.08 ---	7.47	1534.	52.	15.
1883	0000	-812	37.7186	80.9328		MBP	1.1 +	0.8 -	7.5 +	0.76 --	0.11 ---	6.86 -	1515.	51.	14.
1884	0000	-812	37.7186	80.9323		MBP	1.1 +	1.1 -	7.2	1.03 --	0.15 -	6.76 -	1474.	51.	13.
1885	0000	-812	37.7186	80.9318		MBP	1.0 +	1.3	6.6	1.36 -	0.20	6.66 -	1417.	51.	12.
1886	0000	-813	37.7186	80.9312		MBP	0.9	1.6	6.0	1.74	0.26	6.73 -	1349.	51.	10.
1887	0000	-814	37.7186	80.9308		MBP	0.8	1.6	5.8	1.98	0.28	7.00	1266.	50.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM FCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-812	37.7186	80.9302		MBP	0.7	1.6	5.6	2.18	0.28	7.72	1218.	50.	6.
1889	0000	-812	37.7185	80.9297		MBP	0.7	1.5	5.7	2.18	0.26	8.26	1171.	50.	5.
1890	0000	-812	37.7185	80.9292		MBP	0.7	1.3	5.5	1.93	0.24	8.11	1179.	51.	6.
1891	0000	-812	37.7185	80.9288		MBP	0.8	1.2 -	5.7	1.55 -	0.21	7.33	1228.	53.	6.
1892	0000	-813	37.7185	80.9283		MBP	0.9	1.1 -	6.1	1.19 -	0.18 -	6.60 -	1316.	53.	7.
1893	0000	-814	37.7185	80.9278		MBP	1.0 +	1.3	6.5	1.28 -	0.19 -	6.61 -	1405.	53.	8.
1894	0000	-815	37.7185	80.9273		MH	1.0	1.4	6.7	1.36 -	0.20 -	6.91	1471.	54.	9.
1895	0000	-815	37.7185	80.9268		MH	1.0	1.4	6.6	1.38 -	0.22	6.33 -	1501.	55.	10.
1896	0000	-815	37.7184	80.9263		MH	1.0	1.4	6.9	1.38 -	0.21	6.70	1546.	53.	10.
1897	0000	-813	37.7184	80.9257		MH	1.0	1.4	7.1	1.44 -	0.20	7.13	1544.	54.	9.
1898	0000	-812	37.7184	80.9252		MH	0.9	1.7	6.8	1.80	0.24	7.44	1501.	53.	9.
1899	0000	-813	37.7184	80.9247		MH	0.8	1.8	6.9	2.19	0.26	8.59	1448.	53.	7.
1900	0000	-813	37.7184	80.9243		MH	0.8	1.7	6.8	2.02	0.25	8.12	1412.	54.	7.
1901	0000	-813	37.7184	80.9237		MBP	0.8	1.6	6.8	1.93	0.23	8.27	1378.	54.	6.
1902	0000	-814	37.7184	80.9233		MBP	0.8	1.6	6.9	1.87	0.23	8.20	1374.	55.	5.
1903	0000	-813	37.7184	80.9228		MBP	0.8	1.8	6.8	2.12	0.26	8.10	1375.	56.	5.
1904	0000	-812	37.7184	80.9223		MBP	0.9	1.9	7.2	2.05	0.26	7.78	1413.	54.	4.
1905	0000	-814	37.7184	80.9218		MBP	1.0 +	2.1	7.8 +	2.16	0.27	7.93	1477.	54.	4.
1906	0000	-815	37.7184	80.9213		MH	1.1	2.3 +	7.4	2.16	0.31	6.88	1501.	55.	4.
1907	0000	-814	37.7184	80.9208		MH	1.0	2.2	7.4	2.15	0.30	7.20	1500.	54.	5.
1908	0000	-814	37.7184	80.9203		MH	1.1	2.4 +	7.2	2.24	0.33	6.79	1526.	54.	5.
1909	0000	-813	37.7184	80.9198		MH	1.0	2.5 +	6.9	2.37	0.36 +	6.59	1536.	51.	5.
1910	0000	-812	37.7183	80.9192		MH	1.1	2.4 +	7.3	2.11 -	0.33	6.48 -	1539.	49.	5.
1911	0000	-813	37.7183	80.9187		MH	1.0	2.3 +	6.7	2.23	0.35 +	6.43 -	1495.	50.	5.
1912	0000	-813	37.7183	80.9182		MH	1.0	2.1	6.7	2.15	0.31	6.93	1435.	50.	4.
1913	0000	-812	37.7183	80.9177		MH	0.9	1.8	6.7	2.01	0.27	7.48	1373.	52.	4.
1914	0000	-812	37.7183	80.9173		MH	0.9	1.8	6.7	2.09	0.26	7.90	1330.	51.	3.
1915	0000	-812	37.7183	80.9168		MH	0.8	1.6	6.5	2.01	0.25	7.94	1297.	49.	3.
1916	0000	-811	37.7183	80.9163		MH	0.8	1.6	6.8	2.02	0.23	8.69	1285.	51.	3.
1917	0000	-810	37.7183	80.9158		MH	0.8	1.6	6.2	2.08	0.26	7.95	1300.	51.	4.
1918	0000	-810	37.7182	80.9152		MH	0.8	1.6	6.5	1.98	0.24	8.14	1344.	50.	4.
1919	0000	-811	37.7182	80.9148		MH	1.0	1.3	6.6	1.37 -	0.20 -	6.94	1397.	50.	6.
1920	0000	-813	37.7182	80.9143		MH	1.0	1.5	6.7	1.52	0.22	6.85	1463.	50.	7.
1921	0000	-815	37.7182	80.9138		MH	1.0	1.5	6.6	1.42 -	0.22	6.39 -	1531.	52.	7.
1922	0000	-814	37.7182	80.9132		MH	1.1	1.6	6.9	1.50	0.23	6.50 -	1568.	52.	7.
1923	0000	-813	37.7182	80.9127		MH	1.1	1.6	7.0	1.49	0.23	6.61	1570.	52.	7.
1924	0000	-814	37.7182	80.9122		MH	1.0	1.6	7.0	1.55	0.23	6.76	1538.	55.	7.
1925	0000	-813	37.7182	80.9117		MH	1.0	1.5	6.9	1.52	0.22	6.83	1492.	54.	6.
1926	0000	-811	37.7182	80.9113		MH	0.9	1.7	6.4	1.97	0.27	7.22	1406.	54.	4.
1927	0000	-812	37.7182	80.9108		MH	0.9	1.5	6.2	1.76	0.25	7.09	1330.	54.	3.
1928	0000	-812	37.7182	80.9103		MH	0.8	1.5	5.9	1.85	0.25	7.26	1231.	56.	3.
1929	0000	-810	37.7182	80.9098		MH	0.8	1.4	5.7	1.72	0.24	7.20	1174.	58.	2.
1930	0000	-809	37.7182	80.9093		MH	0.8	1.5	5.[redacted]	1.88	0.28	6.74	1139.	58.	1.
1931	0000	-808	37.7182	80.9087		MH	0.7	1.5	[redacted]	2.03	0.28	7.14	1121.	57.	1.
1932	0000	-808	37.7181	80.9083		MH	0.8	1.3	5.2 -	1.70	0.26	6.64	1114.	59.	1.
1933	0000	-808	37.7181	80.9078		MH	0.8	1.4	5.5	1.69	0.25	6.68 -	1148.	58.	1.
1934	0000	-810	37.7181	80.9073		MH	0.8	1.5	5.4	1.80	0.27	6.60	1171.	57.	2.
1935	0000	-810	37.7181	80.9067		MH	0.9	1.5	5.9	1.69	0.25	6.71	1232.	54.	3.
1936	0000	-809	37.7181	80.9062		MH	0.9	1.3	6.2	1.46	0.22	6.75	1274.	53.	4.
1937	0000	-810	37.7181	80.9058		MH	0.9	0.9 -	6.8	0.97 -	0.13 --	7.26	1310.	53.	6.
1938	0000	-810	37.7181	80.9053		MH	1.0	1.0 -	7.2	1.05 -	0.14 --	7.45	1357.	51.	7.

CP 9 IP 12

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-808	37.7181	80.9048	MH	1.0	1.1 -	7.2	1.19 -	0.16 -	7.58	1378.	48.	8.
1940	0000	-809	37.7181	80.9043	MH	1.0	0.9 -	7.2	0.99 -	0.13 --	7.50	1371.	49.	8.
1941	0000	-812	37.7181	80.9038	MH	0.9	1.0 -	7.6	1.08 -	0.13 --	8.21	1376.	48.	8.
1942	0000	-813	37.7181	80.9033	MH	0.9	1.0 -	7.5	1.08 -	0.13 --	8.09	1353.	50.	8.
1943	0000	-812	37.7181	80.9028	MH	0.9	1.1 -	7.2	1.26 -	0.16 -	8.10	1336.	48.	7.
1944	0000	-811	37.7181	80.9022	MH	0.9	1.4	7.0	1.55	0.20	7.59	1318.	48.	5.
1945	0000	-810	37.7181	80.9018	MH	0.9	1.2 -	6.8	1.29 -	0.18 -	7.34	1299.	48.	4.
1946	0000	-810	37.7180	80.9013	MH	0.9	1.1 -	6.8	1.21 -	0.17 -	7.28	1294.	49.	3.
1947	0000	-812	37.7180	80.9008	MH	1.0	1.4	6.5	1.43 -	0.21	6.84	1317.	51.	2.
1948	0000	-812	37.7180	80.9002	MH	1.0	1.4	6.4	1.37 -	0.22	6.17 -	1345.	52.	2.
1949	0000	-811	37.7180	80.8998	MH	1.0	1.8	6.4	1.74	0.28	6.27 -	1400.	49.	1.
1950	0000	-812	37.7180	80.8993	MH	1.1	2.0	6.4	1.89	0.32	5.98 -	1448.	49.	1.
1951	0000	-813	37.7180	80.8988	MH	1.0	2.1	6.6	2.00	0.31	6.38 -	1473.	50.	2.
1952	0000	-813	37.7180	80.8983	MH	1.1	1.9	6.7	1.83	0.29	6.34 -	1455.	50.	3.
1953	0000	-811	37.7179	80.8978	MH	1.0	2.1	6.3	2.12	0.34	6.31 -	1391.	49.	3.
1954	0000	-812	37.7179	80.8973	MH	0.9	2.0	5.9	2.30	0.35 +	6.66	1285.	47.	4.
1955	0000	-814	37.7179	80.8968	MH	0.7	1.8	5.5	2.43	0.33	7.48	1167.	45.	4.
1956	0000	-811	37.7179	80.8962	MH	0.6	1.5	4.9 -	2.38	0.31	7.62	1033.	45.	5.
1957	0000	-810	37.7179	80.8957	MH	0.5	1.4	4.2 -	2.56	0.33	7.70	923.	44.	6.
1958	0000	-811	37.7179	80.8953	MH	0.6	1.3	3.6 --	2.38	0.37 +	6.44 -	879.	44.	6.
1959	0000	-808	37.7179	80.8947	MH	0.5 -	1.5	3.6 --	2.88	0.41 +	7.09	886.	44.	6.
1960	0000	-808	37.7179	80.8943	MH	0.6	1.4	4.4 -	2.26	0.31	7.32	981.	45.	6.
1961	0000	-808	37.7179	80.8938	MH	0.7	1.6	5.0 -	2.24	0.33	6.88	1133.	43.	6.
1962	0000	-805	37.7179	80.8933	MH	0.9	1.7	5.7	1.92	0.29	6.52	1271.	45.	7.
1963	0000	-805	37.7179	80.8928	MH	0.9	1.6	6.1	1.77	0.27	6.57	1353.	47.	7.
1964	0000	-806	37.7179	80.8923	(WATER)	1.0	1.5	6.9	1.50	0.21	7.01	1415.	48.	6.
1965	0000	-807	37.7179	80.8917	(WATER)	0.9	1.5	6.9	1.56	0.21	7.29	1429.	47.	7.
1966	0000	-807	37.7179	80.8913	(WATER)	0.9	1.4	6.9	1.45	0.20	7.28	1417.	48.	7.
1967	0000	-806	37.7178	80.8908	(WATER)	0.9	1.2	6.5	1.41	0.19	7.58	1363.	47.	8.
1968	0000	-805	37.7178	80.8903	MH	0.8	0.9 -	6.6	1.13 -	0.13 --	8.41	1286.	49.	7.
1969	0000	-806	37.7178	80.8897	MH	0.7	1.1 -	6.0	1.53	0.18 -	8.44	1239.	49.	6.
1970	0000	-803	37.7178	80.8892	MH	0.7	1.1 -	6.1	1.45	0.17 -	8.33	1234.	49.	6.
1971	0000	-802	37.7178	80.8887	MH	0.7	1.2 -	5.9	1.65	0.20	8.22	1243.	48.	5.
1972	0000	-801	37.7178	80.8883	MH	0.7	1.3	6.3	1.81	0.21	8.81	1275.	49.	5.
1973	0000	-800	37.7178	80.8878	MH	0.7	1.4	6.3	1.88	0.22	8.39	1325.	48.	4.
1974	0000	-802	37.7178	80.8873	MH	0.8	1.8	6.5	2.22	0.28	8.00	1376.	51.	3.
1975	0000	-803	37.7178	80.8868	MH	0.8	2.0	6.5	2.39	0.31	7.81	1436.	49.	3.
1976	0000	-801	37.7178	80.8863	MH	0.9	2.0	6.8	2.33	0.30	7.75	1480.	48.	3.
1977	0000	-800	37.7178	80.8858	MH	0.9	2.1	6.9	2.28	0.30	7.60	1530.	48.	4.
1978	0000	-801	37.7178	80.8852	MH	1.0	2.1	7.3	2.13	0.29	7.44	1581.	49.	3.
1979	0000	-800	37.7178	80.8848	MH	1.1	2.0	7.5	1.94	0.27	7.10	1603.	49.	3.
1980	0000	-799	37.7178	80.8843	MH	1.1	2.1	7.9	1.95	0.26	7.43	1622.	50.	3.
1981	0000	-799	37.7177	80.8838	MH	1.1	2.0	7.7	1.84	0.26	7.07	1656.	49.	4.
1982	0000	-797	37.7177	80.8832	MH	1.1 +	2.1	8.2 +	1.82	0.25	7.18	1709.	49.	3.
1983	0000	-798	37.7177	80.8828	MH	1.2 +	2.0	8.6 +	1.76	0.24	7.40	1738.	51.	2.
1984	0000	-800	37.7177	80.8823	MH	1.2 +	2.1	8.7 +	1.77	0.24	7.34	1755.	53.	3.
1985	0000	-798	37.7177	80.8818	MH	1.1 +	2.3 +	8.5 +	2.06	0.27	7.49	1753.	54.	3.
1986	0000	-797	37.7177	80.8813	MH	1.1 +	2.3 +	8.7 +	2.02	0.26	7.64	1752.	55.	3.
1987	0000	-799	37.7177	80.8808	MH	1.1 +	2.3 +	8.5 +	1.99	0.27	7.48	1725.	56.	4.
1988	0000	-798	37.7176	80.8803	MH	1.1	2.2	8.6 +	2.05	0.25	8.11	1668.	53.	3.
1989	0000	-796	37.7176	80.8798	MH	1.0	2.0	7.9	2.04	0.26	7.87	1586.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-797	37.7176	80.8792	MH	1.0	1.9	7.5	1.97	0.25	7.86	1521.	52.	6.
1991	0000	-798	37.7176	80.8787	MH	0.9	2.0	7.3	2.14	0.27	8.00	1471.	52.	6.
1992	0000	-796	37.7176	80.8783	MH	0.9	1.5	7.2	1.63	0.20	8.00	1426.	51.	7.
1993	0000	-796	37.7176	80.8778	MH	0.9	1.5	6.9	1.73	0.22	7.82	1411.	48.	7.
1994	0000	-795	37.7176	80.8772	MH	0.9	1.6	6.8	1.79	0.23	7.72	1425.	46.	7.
1995	0000	-794	37.7176	80.8768	MH	0.9	1.6	6.7	1.86	0.24	7.69	1440.	50.	7.
1996	0000	-794	37.7176	80.8763	MH	0.9	1.7	6.8	1.95	0.25	7.76	1432.	51.	5.
1997	0000	-794	37.7176	80.8758	MH	0.8	1.9	6.7	2.30	0.29	8.07	1441.	50.	4.
1998	0000	-794	37.7176	80.8753	MH	0.9	1.9	6.9	2.16	0.28	7.78	1462.	50.	3.
1999	0000	-793	37.7176	80.8748	MH	0.9	2.1	7.2	2.46	0.30	8.28	1482.	52.	2.
2000	0000	-794	37.7176	80.8743	MH	0.9	2.2	7.1	2.60	0.31	8.33	1490.	54.	1.
2001	0000	-795	37.7176	80.8738	MH	0.8	2.2	7.2	2.67	0.31	8.61	1453.	56.	1.
2002	0000	-793	37.7176	80.8733	MH	0.8	2.0	7.1	2.52	0.29	8.70	1434.	55.	1.
2003	0000	-792	37.7175	80.8727	MH	0.8	2.0	7.2	2.53	0.28	9.16	1438.	55.	2.
2004	0000	-793	37.7175	80.8722	MH	0.8	1.7	7.3	2.14	0.24	8.93	1426.	57.	3.
2005	0000	-792	37.7175	80.8718	MH	0.8	1.7	7.1	2.16	0.24	9.13	1398.	58.	4.
2006	0000	-792	37.7175	80.8713	MH	0.8	1.4	6.8	1.73	0.21	8.40	1383.	56.	6.
2007	0000	-793	37.7175	80.8708	MH	0.9	1.4	7.0	1.62	0.20 -	8.23	1384.	55.	7.
2008	0000	-792	37.7175	80.8703	MH	0.9	1.3	7.2	1.44 -	0.18 -	8.05	1407.	54.	8.
2009	0000	-791	37.7175	80.8698	MH	0.9	1.3	7.4	1.44 -	0.18 -	7.95	1429.	54.	9.
2010	0000	-791	37.7175	80.8693	MH	0.9	1.3	7.2	1.40 -	0.18 -	7.75	1417.	55.	9.
2011	0000	-791	37.7175	80.8688	MH	0.9	1.3	7.4	1.46	0.18 -	8.01	1420.	54.	8.
2012	0000	-791	37.7175	80.8683	MH	0.9	1.4	7.7	1.54	0.18 -	8.41	1428.	51.	8.
2013	0000	-790	37.7175	80.8678	MH	0.9	1.6	7.6	1.83	0.21	8.79	1422.	51.	7.
2014	0000	-789	37.7175	80.8673	MH	0.8	1.6	7.2	2.01	0.23	8.94	1405.	51.	7.
2015	0000	-789	37.7175	80.8668	MH	0.8	1.6	7.3	1.94	0.22	8.85	1410.	49.	6.
2016	0000	-787	37.7175	80.8662	MH	0.8	1.8	7.1	2.28	0.25	9.26	1426.	47.	5.
2017	0000	-787	37.7174	80.8657	MH	0.8	2.1	7.2	2.52	0.29	8.59	1480.	48.	5.
2018	0000	-788	37.7174	80.8653	MH	0.9	2.4 +	7.4	2.71	0.32	8.44	1542.	46.	5.
2019	0000	-787	37.7174	80.8648	MH	0.9	2.6 +	7.5	2.80	0.35 +	8.03	1604.	47.	5.
2020	0000	-786	37.7174	80.8643	MH	1.0	2.9 ++	7.6	2.96	0.38 +	7.74	1641.	48.	4.
2021	0000	-786	37.7174	80.8638	MH	1.0	2.8 ++	7.8	2.64	0.36 +	7.43	1641.	48.	4.
2022	0000	-784	37.7174	80.8633	MH	1.0	3.0 ++	7.4	3.01	0.40 +	7.44	1630.	50.	5.
2023	0000	-784	37.7174	80.8628	MH	1.0	2.8 ++	7.4	2.65	0.37 +	7.15	1608.	53.	6.
2024	0000	-785	37.7173	80.8622	MH	1.0	2.7 +	7.3	2.69	0.36 +	7.40	1565.	53.	6.
2025	0000	-784	37.7173	80.8617	MH	1.0	2.4 +	6.7	2.56	0.36 +	7.04	1489.	54.	6.
2026	0000	-783	37.7173	80.8613	MH	0.9	2.1	6.4	2.33	0.32	7.17	1410.	56.	6.
2027	0000	-784	37.7173	80.8608	MH	0.8	1.8	6.4	2.17	0.28	7.69	1358.	55.	6.
2028	0000	-784	37.7173	80.8602	MH	0.8	1.7	6.4	2.18	0.27	8.26	1324.	57.	6.
2029	0000	-782	37.7173	80.8597	MH	0.7	1.6	6.4	2.19	0.25	8.62	1281.	57.	5.
2030	0000	-781	37.7173	80.8593	MH	0.7	1.8	6.1	2.52	0.29	8.80	1243.	56.	4.
2031	0000	-781	37.7173	80.8588	MH	0.7	1.6	5.9	2.40	0.27	8.90	1201.	57.	3.
2032	0000	-781	37.7173	80.8583	MH	0.7	1.6	6.1	2.45	0.26	9.40	1182.	55.	2.
2033	0000	-781	37.7173	80.8578	MH	0.6	1.7	5.9	2.92	0.29	9.96	1158.	56.	2.
2034	0000	-781	37.7173	80.8573	MH	0.6	1.8	5.6	3.10	0.32	9.57	1143.	58.	1.
2035	0000	-779	37.7173	80.8568	MH	0.6	1.9	5.4	3.28	0.35 +	9.42	1154.	55.	1.
2036	0000	-779	37.7173	80.8563	MH	0.6	2.2	5.3	3.94 +	0.41 +	9.51	1182.	55.	1.
2037	0000	-778	37.7173	80.8557	MH	0.6	2.1	5.8	3.44 +	0.36 +	9.47	1223.	57.	1.
2038	0000	-777	37.7172	80.8552	MH	0.7	2.1	6.0	3.12	0.35 +	8.98	1285.	55.	1.
2039	0000	-778	37.7172	80.8548	MH	0.7	2.2	6.3	3.00	0.36 +	8.41	1358.	57.	2.
2040	0000	-778	37.7172	80.8543	MH	0.8	2.2	6.7	2.63	0.33	7.94	1447.	55.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-777	37.7172	80.8538	MH	0.9	2.2	7.0	2.33	0.31	7.41	1513.	53.	3.
2042	0000	-777	37.7172	80.8533	MH	1.0	2.2	7.0	2.25	0.32	7.07	1552.	53.	4.
2043	0000	-777	37.7172	80.8528	MH	1.1	1.9	7.2	1.85	0.27	6.84	1549.	52.	4.
2044	0000	-776	37.7172	80.8523	MH	1.0	2.1	7.1	2.06	0.29	7.09	1532.	51.	4.
2045	0000	-774	37.7171	80.8518	MH	1.0	2.0	7.2	2.01	0.27	7.37	1485.	51.	4.
2046	0000	-774	37.7171	80.8513	MH	0.9	1.9	7.0	2.09	0.27	7.87	1414.	52.	4.
2047	0000	-775	37.7171	80.8508	MH	0.8	1.8	6.7	2.11	0.26	8.00	1334.	55.	3.
2048	0000	-774	37.7171	80.8503	MH	0.7	1.7	6.4	2.41	0.27	9.02	1264.	57.	3.
2049	0000	-773	37.7171	80.8498	MH	0.6	1.7	6.5	2.67	0.26	10.21	1221.	59.	2.
2050	0000	-773	37.7171	80.8492	MH	0.6	1.7	6.7	2.96	0.26	11.29 +	1221.	58.	1.
2051	0000	-771	37.7171	80.8487	MH	0.6	1.9	6.5	3.19	0.29	11.13 +	1224.	58.	1.
2052	0000	-770	37.7171	80.8483	MH	0.6	1.9	6.4	3.35 +	0.30	11.18 +	1237.	58.	1.
2053	0000	-772	37.7171	80.8478	MH	0.6	1.9	6.0	3.22	0.32	10.19	1246.	58.	1.
2054	0000	-771	37.7171	80.8473	MH	0.5	2.2	6.0	3.97 +	0.36 +	11.07 +	1250.	57.	1.
2055	0000	-770	37.7171	80.8468	MH	0.6	2.2	5.9	4.01 +	0.38 +	10.46	1257.	57.	1.
2056	0000	-771	37.7171	80.8463	MH	0.5 -	2.2	5.6	4.09 +	0.39 +	10.52	1241.	56.	1.
2057	0000	-769	37.7171	80.8458	MBP	0.5	2.1	5.1	4.06 +	0.41 +	9.80	1188.	57.	1.
2058	0000	-767	37.7171	80.8452	MBP	0.5	1.8	5.1	3.47 +	0.36 +	9.72	1152.	60.	1.
2059	0000	-767	37.7170	80.8448	MBP	0.5	1.7	5.1	3.34	0.33	10.22	1118.	59.	2.
2060	0000	-767	37.7170	80.8443	MBP	0.5 -	1.7	5.2	3.57 +	0.33	10.85	1100.	59.	2.
2061	0000	-767	37.7170	80.8438	MBP	0.5	1.4	5.2	2.75	0.27	10.30	1096.	58.	4.
2062	0000	-766	37.7170	80.8432	MBP	0.5	1.4	5.3	2.70	0.26	10.39	1097.	55.	5.
2063	0000	-765	37.7170	80.8427	MBP	0.6	1.2	5.4	2.14	0.23	9.50	1100.	56.	6.
2064	0000	-766	37.7170	80.8423	MH	0.6	1.2 -	5.5	2.08	0.21	9.79	1136.	55.	8.
2065	0000	-767	37.7170	80.8418	MH	0.5	1.2 -	5.8	2.13	0.20	10.68	1163.	53.	9.
2066	0000	-765	37.7170	80.8413	MH	0.5	1.3	5.8	2.39	0.22	10.65	1193.	54.	9.
2067	0000	-764	37.7170	80.8408	MH	0.6	1.2 -	6.0	2.11	0.21	10.26	1209.	51.	9.
2068	0000	-764	37.7170	80.8403	MH	0.6	1.4	5.7	2.33	0.24	9.76	1193.	52.	8.
2069	0000	-763	37.7170	80.8398	MH	0.6	1.2 -	5.7	2.12	0.21	10.08	1162.	55.	6.
2070	0000	-763	37.7170	80.8393	MH	0.5 -	1.4	5.9	2.64	0.24	11.06 +	1149.	57.	5.
2071	0000	-764	37.7170	80.8387	MH	0.5	1.5	5.8	2.80	0.26	10.72	1125.	56.	4.
2072	0000	-763	37.7170	80.8383	MH	0.5 -	1.7	5.5	3.13	0.30	10.45	1089.	59.	2.
2073	0000	-762	37.7169	80.8378	MH	0.5 -	1.6	5.5	3.15	0.28	11.09 +	1057.	58.	1.
2074	0000	-761	37.7169	80.8373	MH	0.5 -	1.8	5.4	3.89 +	0.32	11.98 +	1036.	58.	1.
2075	0000	-759	37.7169	80.8367	MH	0.5 -	1.7	5.8	3.68 +	0.29	12.62 +	1029.	57.	1.
2076	0000	-758	37.7169	80.8363	MH	0.5 -	1.6	5.7	3.51 +	0.29	12.15 +	1022.	58.	2.
2077	0000	-759	37.7169	80.8358	MBP	0.4 -	1.5	5.5	3.47 +	0.28	12.41 +	1007.	54.	3.
2078	0000	-758	37.7169	80.8353	MBP	0.5 -	1.4	5.5	3.11	0.26	12.08 +	1007.	53.	4.
2079	0000	-756	37.7169	80.8348	MBP	0.5 -	1.4	5.8	3.00	0.25	12.18 +	1032.	50.	4.
2080	0000	-755	37.7168	80.8343	MBP	0.5	1.5	5.5	3.03	0.28	10.70	1052.	51.	4.
2081	0000	-754	37.7168	80.8338	MBP	0.5	1.3	5.7	2.48	0.24	10.56	1083.	52.	5.
2082	0000	-753	37.7168	80.8333	MBP	0.5	1.5	5.6	2.79	0.27	10.42	1119.	52.	5.
2083	0000	-754	37.7168	80.8328	MBP	0.5	1.8	5.7	3.41 +	0.31	11.11 +	1153.	53.	4.
2084	0000	-754	37.7168	80.8322	MBP	0.6	1.9	5.9	3.33	0.32	10.31	1198.	55.	3.
2085	0000	-753	37.7168	80.8318	MBP	0.6	2.1	5.9	3.67 +	0.35	10.55	1216.	56.	3.
2086	0000	-751	37.7168	80.8313	MBP	0.6	2.1	6.1	3.58 +	0.34	10.50	1221.	58.	3.
2087	0000	-749	37.7168	80.8308	MBP	0.6	2.0	6.7	3.43 +	0.30	11.41 +	1229.	56.	2.
2088	0000	-749	37.7168	80.8302	MBP	0.6	2.3 +	6.7	3.96 +	0.34	11.80 +	1223.	59.	2.
2089	0000	-749	37.7168	80.8296	MBP	0.6	2.2 +	6.6	3.78 +	0.34	11.14 +	1226.	60.	1.
2090	0000	-747	37.7168	80.8290	MBP	0.6	2.1 +	6.4	3.38 +	0.34	10.08	1235.	58.	2.
2091	0000	-746	37.7168	80.8284	MBP	0.6	1.9	6.4	3.05	0.29	10.48	1217.	60.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-746	37.7168	80.8278	MBP	0.6	1.6	6.2	2.67	0.26	10.15	1191.	62.	4.
2093	0000	-746	37.7168	80.8272	MBP	0.6	1.5	5.5	2.53	0.27	9.28	1159.	62.	5.
2094	0000	-745	37.7168	80.8266	MBP	0.6	1.5	4.9 -	2.53	0.30	8.48	1124.	63.	7.
2095	0000	-745	37.7168	80.8260	MBP	0.6	1.2 -	5.0	2.07	0.23	8.85	1093.	63.	8.
2096	0000	-744	37.7169	80.8255	MBP	0.5	0.9 -	4.8 -	1.74	0.20 -	8.80	1051.	63.	9.
2097	0000	-742	37.7169	80.8248	MBP	0.5	0.8 -	4.8 -	1.54 -	0.16 -	9.50	1023.	63.	9.
2098	0000	-741	37.7169	80.8242	MBP	0.5 -	1.0 -	4.4 -	2.10	0.22	9.34	1006.	64.	8.
2099	0000	-741	37.7169	80.8237	MBP	0.5 -	1.2 -	4.6 -	2.53	0.26	9.76	1022.	62.	7.
2100	0000	-739	37.7169	80.8231	MBP	0.5 -	1.5	4.9	3.16	0.30	10.50	1049.	62.	6.
2101	0000	-739	37.7169	80.8225	MBP	0.5 -	1.5	5.2	3.08	0.28	11.03 +	1069.	61.	4.
2102	0000	-739	37.7169	80.8219	MBP	0.5 -	1.7	4.8 -	3.59 +	0.35 +	10.15	1084.	60.	4.
2103	0000	-738	37.7169	80.8213	MBP	0.5 -	1.8	5.1	3.85 +	0.35 +	10.86	1112.	59.	3.
2104	0000	-737	37.7169	80.8207	MBP	0.5	1.8	5.2	3.32	0.34	9.68	1155.	58.	4.
2105	0000	-737	37.7169	80.8201	MBP	0.6	1.8	5.4	2.99	0.32	9.19	1194.	57.	4.
2106	0000	-734	37.7169	80.8195	MBP	0.6	1.7	5.6	2.64	0.30	8.84	1233.	57.	5.
2107	0000	-734	37.7169	80.8188	MBP	0.7	1.6	5.7	2.28	0.28	8.27	1277.	58.	6.
2108	0000	-734	37.7169	80.8183	MBP	0.8	1.5	6.1	2.04	0.25	8.17	1333.	56.	7.
2109	0000	-732	37.7169	80.8177	MBP	0.9	1.4	6.9	1.64	0.20	8.04	1399.	57.	7.
2110	0000	-731	37.7169	80.8172	MBP	0.9	1.3	7.1	1.44 -	0.18 -	7.88	1436.	59.	8.
2111	0000	-730	37.7169	80.8165	MBP	0.9	1.4	7.1	1.56 -	0.19 -	8.03	1426.	60.	7.
2112	0000	-727	37.7169	80.8159	MBP	0.9	1.2	7.3	1.41 -	0.17 -	8.37	1424.	60.	7.
2113	0000	-728	37.7170	80.8154	MBP	0.9	1.4	7.3	1.62	0.19 -	8.55	1412.	58.	6.
2114	0000	-728	37.7170	80.8148	MBP	0.8	1.3	7.5	1.59	0.18 -	8.88	1399.	58.	5.
2115	0000	-725	37.7170	80.8142	MBP	0.8	1.4	7.4	1.75	0.19 -	9.20	1365.	59.	4.
2116	0000	-724	37.7170	80.8136	MBP	0.7	1.5	6.8	2.05	0.22	9.28	1328.	56.	4.
2117	0000	-723	37.7170	80.8130	MBP	0.7	1.8	7.0	2.61	0.25	10.37	1316.	54.	2.
2118	0000	-721	37.7170	80.8123	MBP	0.6	1.8	7.2	2.83	0.25	11.10 +	1322.	54.	2.
2119	0000	-722	37.7170	80.8118	MBP	0.6	2.3 +	7.1	3.58 +	0.32	11.27 +	1348.	55.	3.
2120	0000	-723	37.7170	80.8112	MBP	0.6	2.1 +	7.1	3.53 +	0.30	11.67 +	1361.	57.	4.
2121	0000	-721	37.7170	80.8105	MBP	0.6	2.0	7.1	3.29	0.29	11.41 +	1377.	56.	6.
2122	0000	-718	37.7170	80.8100	MBP	0.7	1.9	7.0	2.93	0.28	10.61	1423.	54.	7.
2123	0000	-718	37.7170	80.8094	MBP	0.7	1.9	7.8 +	2.73	0.24	11.38 +	1459.	55.	8.
2124	0000	-717	37.7170	80.8089	MBP	0.7	1.8	7.9 +	2.45	0.23	10.56	1491.	57.	7.
2125	0000	-716	37.7170	80.8082	MBP	0.8	1.9	7.9 +	2.41	0.24	10.07	1526.	54.	7.
2126	0000	-715	37.7170	80.8076	MBP	0.8	1.7	8.0 +	2.03	0.21	9.59	1537.	55.	6.
2127	0000	-715	37.7170	80.8070	MBP	0.9	1.8	8.2 +	2.03	0.22	9.20	1565.	53.	5.
2128	0000	-715	37.7170	80.8065	MBP	0.9	2.0	8.1 +	2.21	0.25	8.91	1562.	54.	3.
2129	0000	-713	37.7171	80.8058	MBP	0.9	2.3 +	7.9 +	2.50	0.29	8.57	1559.	55.	1.
2130	0000	-712	37.7171	80.8052	MBP	1.0 +	2.5 +	7.6 +	2.56	0.33	7.79	1571.	56.	0.
2131	0000	-713	37.7171	80.8047	MBP	1.0 +	2.4 +	7.7 +	2.40	0.31	7.77	1579.	54.	1.
2132	0000	-712	37.7171	80.8040	MBP	1.0	2.6 ++	7.3	2.71	0.36 +	7.57	1566.	55.	1.
2133	0000	-710	37.7171	80.8035	MBP	1.0	2.5 +	7.0	2.61	0.36 +	7.31	1529.	54.	2.
2134	0000	-710	37.7171	80.8029	MBP	0.9	2.2 +	6.6	2.39	0.33	7.14	1476.	55.	3.
2135	0000	-710	37.7171	80.8022	MBP	0.9	2.1	6.5	2.30	0.33	7.07	1430.	55.	4.
2136	0000	-711	37.7171	80.8017	MBP	0.9	2.0	6.3	2.33	0.32	7.25	1378.	54.	5.
2137	0000	-710	37.7171	80.8011	MBP	0.8	1.6	6.0	1.96	0.27	7.23	1315.	54.	6.
2138	0000	-708	37.7171	80.8005	MBP	0.8	1.6	5.2	2.13	0.31	6.85 -	1239.	58.	6.
2139	0000	-707	37.7171	80.7999	MBP	0.7	1.3	4.9	1.83	0.27	6.73 -	1187.	62.	7.
2140	0000	-706	37.7171	80.7993	MBP	0.7	1.3	5.0	1.83	0.25	7.24	1163.	62.	8.
2141	0000	-707	37.7171	80.7987	MBP	0.7	1.5	5.1	2.22	0.29	7.76	1150.	63.	8.
2142	0000	-707	37.7171	80.7982	MBP	0.6	1.5	4.8 -	2.39	0.30	7.97	1131.	63.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-705	37.7171	80.7975		MBP	0.6	1.3	4.8 -	2.30	0.28	8.22	1116.	64.	7.
2144	0000	-705	37.7171	80.7969		MBP	0.5	1.6	5.0	2.89	0.32	9.15	1126.	63.	6.
2145	0000	-703	37.7171	80.7964		MBP	0.6	1.7	5.4	2.80	0.31	9.05	1181.	61.	5.
2146	0000	-702	37.7172	80.7957		MBP	0.7	1.7	6.1	2.54	0.28	9.14	1251.	60.	5.
2147	0000	-703	37.7172	80.7951		MBP	0.7	1.7	6.6	2.36	0.26	8.98	1323.	60.	4.
2148	0000	-703	37.7172	80.7945		MBP	0.8	1.7	6.9	2.15	0.25	8.70	1401.	58.	3.
2149	0000	-701	37.7172	80.7939		MBP	0.8	1.9	7.3	2.28	0.26	8.71	1470.	58.	4.
2150	0000	-701	37.7172	80.7934		MBP	0.9	1.9	7.7 +	2.18	0.25	8.80	1506.	57.	3.
2151	0000	-700	37.7172	80.7928		MBP	0.9	1.8	8.0 +	1.96	0.23	8.46	1532.	58.	4.
2152	0000	-699	37.7172	80.7922		MBP	0.9	1.7	7.9 +	1.93	0.22	8.69	1515.	58.	5.
2153	0000	-698	37.7172	80.7915		MBP	0.8	1.8	7.9 +	2.13	0.22	9.57	1472.	56.	6.
2154	0000	-697	37.7172	80.7910		MBP	0.7	1.8	7.6 +	2.48	0.24	10.43	1431.	55.	6.
2155	0000	-695	37.7172	80.7904		MBP	0.7	1.7	7.4	2.30	0.23	10.09	1376.	58.	8.
2156	0000	-693	37.7172	80.7898		MBP	0.7	1.3	7.5	1.86	0.18 -	10.53	1332.	59.	9.
2157	0000	-693	37.7172	80.7892		MBP	0.7	1.4	7.2	2.08	0.19 -	10.74	1322.	60.	11.
2158	0000	-691	37.7172	80.7886		MBP	0.7	1.3	7.0	2.02	0.19 -	10.57	1313.	58.	11.
2159	0000	-688	37.7172	80.7880		MBP	0.7	1.2 -	7.2	1.74	0.16 -	10.75	1301.	55.	12.
2160	0000	-689	37.7172	80.7874		MBP	0.7	1.1 -	7.1	1.60	0.16 -	10.26	1302.	55.	12.
2161	0000	-689	37.7172	80.7868		MBP	0.7	1.2	6.7	1.76	0.18 -	9.79	1298.	54.	12.
2162	0000	-687	37.7172	80.7862		MBP	0.6	1.2 -	7.0	1.87	0.17 -	10.89	1303.	54.	12.
2163	0000	-687	37.7173	80.7856		MBP	0.6	1.3	6.9	2.08	0.19 -	10.95 +	1315.	54.	12.
2164	0000	-685	37.7173	80.7850		MBP	0.7	1.4	7.2	2.03	0.19 -	10.66	1340.	53.	11.
2165	0000	-683	37.7173	80.7845		MBP	0.6	1.5	7.4	2.39	0.20	11.82 +	1362.	57.	11.
2166	0000	-684	37.7173	80.7839		MBP	0.6	1.9	7.1	3.05	0.27	11.34 +	1392.	60.	9.
2167	0000	-683	37.7173	80.7832		MBP	0.6	2.0	7.5	3.04	0.26	11.53 +	1437.	59.	8.
2168	0000	-681	37.7173	80.7826		MBP	0.7	2.2 +	7.9 +	3.21	0.28	11.37 +	1506.	61.	6.
2169	0000	-681	37.7173	80.7821		MBP	0.8	2.3 +	8.2 +	2.92	0.28	10.57	1571.	60.	4.
2170	0000	-680	37.7173	80.7815		MBP	0.8	2.5 +	8.4 +	3.20	0.30	10.70	1594.	62.	3.
2171	0000	-678	37.7173	80.7809		MBP	0.8	2.5 +	8.4 +	3.20	0.29	10.87	1589.	62.	2.
2172	0000	-678	37.7173	80.7803		MBP	0.8	2.5 +	7.9 +	3.08	0.31	9.82	1562.	63.	1.
2173	0000	-678	37.7173	80.7797		MBP	0.8	2.3 +	8.0 +	2.99	0.29	10.21	1531.	64.	0.
2174	0000	-677	37.7173	80.7791		MBP	0.8	2.3 +	7.6 +	2.84	0.30	9.37	1497.	66.	0.
2175	0000	-677	37.7173	80.7785		MBP	0.8	1.9	7.6 +	2.27	0.25	9.02	1459.	66.	0.
2176	0000	-676	37.7173	80.7779		MBP	0.8	2.1	7.8 +	2.56	0.27	9.61	1448.	66.	0.
2177	0000	-676	37.7173	80.7773		MBP	0.9	1.9	8.1 +	2.10	0.23	9.14	1466.	66.	0.
2178	0000	-676	37.7173	80.7767		MBP	0.9	1.9	8.4 +	2.13	0.23	9.35	1525.	64.	1.
2179	0000	-675	37.7173	80.7761		MBP	0.9	2.0	8.9 ++	2.10	0.22	9.42	1604.	60.	2.
2180	0000	-674	37.7173	80.7756		MBP	1.0 +	2.0	9.3 ++	1.98	0.22	9.11	1673.	57.	2.
2181	0000	-672	37.7173	80.7749		MBP	1.0	2.1	9.6 ++	2.16	0.22	9.92	1715.	55.	4.
2182	0000	-670	37.7173	80.7743		MBP	1.0 +	2.0	9.5 ++	1.98	0.21	9.51	1732.	56.	5.
2183	0000	-670	37.7173	80.7738		MBP	1.0 +	1.9	8.7 +	1.89	0.22	8.57	1736.	56.	6.
2184	0000	-670	37.7173	80.7732		MBP	1.0 +	2.0	8.5 +	2.00	0.24	8.46	1746.	58.	7.
2185	0000	-667	37.7173	80.7726		MBP	1.0 +	1.8	8.1 +	1.73	0.22	7.86	1698.	61.	7.
2186	0000	-667	37.7173	80.7720		MBP	1.0 +	1.8	7.8 +	1.77	0.23	7.82	1648.	62.	6.
2187	0000	-665	37.7173	80.7714		MH	1.0	1.7	7.6	1.76	0.23	7.80	1610.	64.	5.
2188	0000	-664	37.7174	80.7708		MH	1.0	1.7	7.7	1.70	0.22	7.72	1591.	61.	4.
2189	0000	-665	37.7174	80.7702		MH	0.9	2.0	7.6	2.21	0.26	8.39	1568.	62.	2.
2190	0000	-664	37.7174	80.7696		MH	0.9	2.1	7.7	2.45	0.28	8.83	1547.	62.	1.
2191	0000	-663	37.7174	80.7690		MH	0	2.3 +	7.6	2.60	0.30	8.63	1570.	59.	1.
2192	0000	-663	37.7174	80.7684		MH	0..	2.5 +	7.6	2.83	0.33	8.53	1588.	56.	0.
2193	0000	-661	37.7174	80.7678		MH	0.9	2.5 +	8.1 +	2.85	0.32	9.04	1614.	58.	0.

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FLIGHT LINE 80, DAY 292

AD	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-659	37.7174	80.7673	MH	0.9	2.5 +	7.8	2.75	0.32	8.62	1614.	57.	0.
2195	0000	-659	37.7174	80.7666	MH	0.9	2.6 +	7.4	2.92	0.34 +	8.50	1574.	58.	0.
2196	0000	-658	37.7174	80.7660	MH	0.9	2.5 +	7.2	2.79	0.34 +	8.14	1522.	61.	0.
2197	0000	-657	37.7174	80.7654	MH	0.9	2.2	6.9	2.53	0.31	8.05	1444.	59.	1.
2198	0000	-657	37.7174	80.7649	MH	0.8	1.8	6.5	2.35	0.28	8.27	1325.	59.	1.
2199	0000	-657	37.7174	80.7643	MH	0.7	1.6	6.2	2.14	0.25	8.40	1255.	58.	2.
2200	0000	-657	37.7174	80.7636	MH	0.7	1.7	5.5	2.53	0.31	8.16	1181.	57.	2.
2201	0000	-655	37.7174	80.7631	MH	0.6	1.9	5.3	3.05	0.36 +	8.54	1153.	57.	3.
2202	0000	-654	37.7174	80.7625	MH	0.7	1.9	5.0 -	2.85	0.37 +	7.62	1164.	55.	3.
2203	0000	-655	37.7174	80.7619	MH	0.8	1.6	5.2	2.13	0.31	6.93	1177.	58.	5.
2204	0000	-655	37.7175	80.7613	MH	0.8	1.8	5.8	2.45	0.32	7.74	1256.	58.	4.
2205	0000	-654	37.7175	80.7607	MH	0.8	1.9	6.1	2.29	0.32	7.23	1356.	59.	5.
2206	0000	-652	37.7175	80.7601	MH	0.9	2.2	6.4	2.49	0.34	7.32	1414.	59.	5.
2207	0000	-651	37.7175	80.7595	MH	1.0	1.9	6.6	2.00	0.29	6.96	1461.	58.	6.
2208	0000	-650	37.7175	80.7589	MH	1.0	1.9	7.2	1.83	0.26	7.11	1521.	56.	5.
2209	0000	-650	37.7175	80.7583	MH	1.1	1.7	7.8	1.51	0.21	7.13	1570.	56.	5.
2210	0000	-650	37.7175	80.7577	MH	1.1	1.9	7.9	1.79	0.24	7.41	1613.	51.	5.
2211	0000	-649	37.7175	80.7571	MH	1.1	1.8	7.7	1.58	0.23	6.87	1593.	51.	5.
2212	0000	-649	37.7175	80.7566	MH	1.1	1.8	7.5	1.70	0.24	6.95	1535.	52.	4.
2213	0000	-648	37.7175	80.7560	MH	1.0	1.8	7.2	1.80	0.25	7.26	1484.	53.	3.
2214	0000	-647	37.7175	80.7553	MH	1.0	1.8	7.0	1.88	0.26	7.03	1427.	54.	3.
2215	0000	-647	37.7175	80.7548	MH	0.9	1.6	6.4	1.88	0.26	7.32	1336.	56.	3.
2216	0000	-648	37.7175	80.7542	MH	0.8	1.7	6.1	2.23	0.28	8.08	1239.	58.	2.
2217	0000	-648	37.7175	80.7536	MH	0.6	1.5	5.6	2.30	0.26	8.59	1140.	57.	3.
2218	0000	-648	37.7175	80.7530	MH	0.5	1.3	5.1 -	2.42	0.26	9.25	1037.	59.	4.
2219	0000	-649	37.7175	80.7523	MH	0.5 -	1.1 -	4.7 -	2.43	0.25	9.89	955.	59.	4.
2220	0000	-650	37.7175	80.7518	MH	0.4 -	0.9 -	4.1 -	2.11	0.22	9.75	891.	59.	7.
2221	0000	-650	37.7176	80.7512	MH	0.3 -	0.7 --	3.8 --	2.03	0.18 -	11.07 +	829.	59.	9.
2222	0000	-648	37.7176	80.7506	MH	0.3 -	0.8 --	3.6 --	2.59	0.22	11.96 +	782.	57.	10.
2223	0000	-647	37.7176	80.7500	MH	0.3 -	0.6 --	3.2 --	2.40	0.19 -	12.52 +	744.	57.	12.
2224	0000	-647	37.7176	80.7494	MH	0.3 -	0.7 --	3.5 --	2.46	0.20	12.26 +	763.	58.	12.
2225	0000	-646	37.7176	80.7488	MH	0.3 -	0.8 -	3.8 --	2.70	0.22	12.49 +	798.	54.	12.
2226	0000	-647	37.7176	80.7482	MH	0.4 -	0.9 -	3.9 -	2.56	0.24	10.79	831.	52.	12.
2227	0000	-646	37.7176	80.7477	MH	0.4 -	0.9 -	4.1 -	2.38	0.23	10.25	868.	50.	9.
2228	0000	-644	37.7176	80.7470	MH	0.4 -	1.2 -	4.5 -	2.83	0.27	10.50	907.	50.	6.
2229	0000	-643	37.7176	80.7464	MH	0.5 -	1.1 -	4.6 -	2.39	0.24	9.83	960.	48.	5.
2230	0000	-643	37.7176	80.7458	MH	0.5 -	1.4	4.9 -	2.74	0.29	9.56	1034.	48.	3.
2231	0000	-643	37.7176	80.7453	MH	0.6	1.5	4.8 -	2.57	0.30	8.50	1074.	45.	2.
2232	0000	-643	37.7176	80.7447	MH	0.6	1.6	5.1 -	2.67	0.32	8.45	1134.	45.	1.
2233	0000	-642	37.7176	80.7440	MH	0.6	1.7	5.5	2.82	0.31	9.22	1204.	46.	0.
2234	0000	-641	37.7176	80.7435	MH	0.7	1.9	6.1	2.85	0.31	9.32	1249.	46.	0.
2235	0000	-640	37.7176	80.7429	MH	0.7	1.9	6.5	2.70	0.29	9.32	1311.	44.	0.
2236	0000	-640	37.7176	80.7423	MH	0.8	1.9	6.9	2.51	0.28	9.06	1373.	45.	0.
2237	0000	-640	37.7176	80.7417	MH	0.8	1.9	7.0	2.25	0.27	8.43	1398.	48.	1.
2238	0000	-639	37.7177	80.7410	MH	0.8	1.9	7.4	2.41	0.26	9.12	1427.	49.	3.
2239	0000	-638	37.7177	80.7405	MH	0.8	1.9	7.2	2.30	0.26	8.87	1435.	52.	4.
2240	0000	-638	37.7177	80.7399	MH	0.8	1.8	7.2	2.23	0.25	9.06	1426.	54.	6.
2241	0000	-639	37.7177	80.7393	MH	0.8	1.7	7.0	2.21	0.24	9.09	1430.	55.	9.
2242	0000	-639	37.7177	80.7387	MH	0.7	1.8	6.5	2.47	0.28	8.88	1390.	58.	10.
2243	0000	-638	37.7177	80.7381	MH	0.7	1.7	6.1	2.58	0.28	9.15	1343.	59.	12.
2244	0000	-637	37.7177	80.7375	MH	0.6	1.6	5.9	2.85	0.27	10.51	1290.	58.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	Q000	-637	37.7177	80.7370	MH	0.5 -	1.5	5.1 -	3.01	0.30	10.01	1215.	57.	13.
2246	Q000	-638	37.7177	80.7364	MH	0.5 -	1.4	4.9 -	3.14	0.29 -	10.77	1125.	57.	13.
2247	0000	-637	37.7177	80.7358	MH	0.4 -	1.5	4.4 -	3.80 +	0.34	11.12 +	1049.	53.	13.
2248	0000	-636	37.7177	80.7352	MH	0.4 -	1.4	4.0 -	3.85 +	0.35 +	10.88 +	977.	52.	12.
2249	0000	-637	37.7177	80.7345	MH	0.4 -	1.4	3.9 -	3.80 +	0.35 +	10.77	954.	52.	10.
2250	0000	-638	37.7177	80.7340	MH	0.4 -	1.4	3.9 -	3.49 +	0.36 +	9.79	934.	51.	9.
2251	0000	-637	37.7177	80.7334	MBF-1	0.5	1.4	4.1	3.05	0.35	8.78	952.	52.	7.
2252	0000	-636	37.7177	80.7327	MBF-1	0.5	1.4	4.6	2.93	0.32	9.29	978.	51.	6.
2253	0000	-637	37.7177	80.7322	MBF-1	0.5 +	1.5	4.4	2.77	0.34	8.08	987.	51.	5.
2254	0000	-638	37.7177	80.7316	MBF-1	0.6 +	1.3	4.3	2.20 -	0.31	7.20 -	986.	54.	4.
2255	0000	-638	37.7178	80.7310	MBF-1	0.6 +	1.4	4.4	2.48	0.32	7.73 -	983.	55.	4.
2256	0000	-637	37.7178	80.7304	MH	0.5	1.2 -	4.6 -	2.21	0.26	8.36	965.	56.	5.
2257	0000	-639	37.7178	80.7298	MH	0.5 -	1.3	4.5 -	2.73	0.29	9.46	937.	56.	5.
2258	0000	-639	37.7178	80.7292	MH	0.4 -	1.3 -	4.4 -	2.88	0.29	10.08	911.	55.	6.
2259	0000	-639	37.7178	80.7287	MH	0.5 -	1.2 -	4.5 -	2.56	0.26	9.98	918.	56.	8.
2260	0000	-639	37.7178	80.7280	MH	0.5 -	1.1 -	5.4	2.34	0.21	11.33 +	990.	60.	9.
2261	0000	-639	37.7178	80.7274	MH	0.5 -	1.2 -	6.2	2.38	0.20	11.84 +	1090.	57.	9.
2262	0000	-639	37.7178	80.7269	MH	0.7	1.2 -	5.1	1.79	0.17 -	10.80	1219.	57.	9.
2263	0000	-639	37.7178	80.7262	MH	0.8	1.3	7.5	1.53	0.17 -	8.81	1362.	55.	9.
2264	0000	-639	37.7178	80.7257	MBF-2	1.0	1.4	8.0	1.48	0.18 -	8.33 +	1496.	53	9.
2265	0000	-641	37.7178	80.7251	MBF-2	1.1	1.6	8.1	1.53	0.20	7.68	1600.	53.	8.
2266	0000	-643	37.7178	80.7244	MBF-2	1.1	1.9	8.3	1.70	0.23	7.54	1688.	54.	6.
2267	0000	-643	37.7178	80.7238	MBF-2	1.1	2.1	8.3	1.87	0.25	7.36	1732.	54.	4.
2268	0000	-642	37.7178	80.7233	MBF-2	1.2	2.2	8.5	1.92	0.26	7.31	1767.	56.	3.
2269	0000	-641	37.7178	80.7227	MBF-2	1.2	2.4	8.2	2.00	0.29	6.90	1783.	56.	2.
2270	0000	-641	37.7178	80.7220	MBF-2	1.2	2.3	8.7 +	1.92	0.27	7.15	1804.	57.	1.
2271	0000	-642	37.7179	80.7215	MBF-2	1.3	2.5 +	8.7 +	1.93	0.28	6.81	1827.	58.	0.
2272	0000	-644	37.7179	80.7209	MBF-2	1.3	2.7 +	9.0 +	2.09	0.30	7.05	1848.	57.	0.
2273	0000	-644	37.7178	80.7204	MBF-2	1.3	2.7 +	9.1 +	2.14	0.30	7.15	1849.	54.	0.
2274	0000	-644	37.7178	80.7197	MBF-2	1.3	2.5 +	9.0 +	1.94	0.28	6.94	1834.	51.	0.
2275	0000	-644	37.7178	80.7191	MBF-2	1.3	2.5 +	8.7 +	1.96	0.29	6.81	1799.	50.	0.
2276	0000	-644	37.7178	80.7186	MBF-2	1.2	2.6 +	8.5	2.17	0.30	7.18	1753.	51.	0.
2277	0000	-643	37.7178	80.7179	MBF-2	1.0	2.6 +	8.1	2.51 +	0.32	7.73	1679.	51.	0.
2278	0000	-642	37.7178	80.7173	MBF-2	1.0	2.3	7.5	2.32	0.31	7.54	1601.	51.	1.
2279	0000	-642	37.7178	80.7167	MBF-2	1.0	2.2	7.1	2.29	0.31	7.28	1543.	52.	1.
2280	0000	-643	37.7179	80.7161	MBF-2	1.0	2.1	6.8	2.21	0.31	7.14	1488.	53.	1.
2281	0000	-644	37.7179	80.7155	MBF-2	0.9	2.3	6.6	2.51 +	0.35 +	7.07	1473.	53.	1.
2282	0000	-644	37.7179	80.7150	MBF-2	0.9	2.2	6.3	2.44 +	0.35 +	6.91	1445.	53.	2.
2283	0000	-644	37.7179	80.7144	MBF-2	0.9	2.1	6.0 -	2.38	0.35 +	6.79	1394.	52.	2.
2284	0000	-643	37.7179	80.7137	MBF-2	0.9	2.0	5.5 -	2.35	0.37 +	6.32	1337.	53.	1.
2285	0000	-643	37.7179	80.7132	MBF-2	0.7 -	2.0	5.6 -	2.72 +	0.37 +	7.42	1270.	52.	1.
2286	0000	-644	37.7179	80.7126	MBF-2	0.7 -	1.8	5.5 -	2.69 +	0.33	8.22 +	1191.	52.	1.
2287	0000	-645	37.7179	80.7120	MBF-1	0.6 +	1.7	5.1	2.83	0.32	8.74	1105.	53.	1.
2288	0000	-645	37.7179	80.7114	MBF-1	0.5	1.6	4.8	3.40	0.34	10.03	1006.	54.	1.
2289	0000	-646	37.7179	80.7108	MBF-1	0.4	1.7	4.6	4.65	0.38	12.36	940.	54.	2.
2290	0000	-646	37.7179	80.7102	MBF-1	0.3	1.7	4.5	5.23	0.38	13.77 +	897.	54.	2.
2291	0000	-647	37.7179	80.7096	MBF-1	0.2 -	2.0	4.3	8.38 ++	0.47	17.91 +	872.	53.	3.
2292	0000	-648	37.7179	80.7090	MBF-1	0.3 -	1.9	4.3	6.95 +	0.44	15.90 +	875.	55.	3.
2293	0000	-647	37.7179	80.7085	MBF-1	0.3 -	2.0	4.3	7.48 +	0.46	16.42 +	868.	56.	4.
2294	0000	-648	37.7179	80.7078	MBF-1	0.3 -	2.0	4.5	6.82 +	0.44	15.58 +	917.	54.	4.
2295	0000	-650	37.7179	80.7072	MBF-1	0.3	1.9	4.5	6.30 +	0.42	14.73 +	954.	57.	4.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-650	37.7180	80.7066	MBF-1	0.4	1.7	4.9	4.55	0.34 -	13.37	977.	57.	4.
2297	0000	-651	37.7180	80.7061	MBF-1	0.4	1.7	5.0	4.75	0.34 -	14.10 +	990.	57.	4.
2298	0000	-651	37.7180	80.7054	MBF-1	0.4	1.4	5.3	3.48	0.27 -	13.38	994.	57.	4.
2299	0000	-651	37.7180	80.7048	MBF-1	0.4	1.6	5.4	4.20	0.30 -	14.10 +	994.	57.	3.
2300	0000	-652	37.7180	80.7043	MBF-1	0.4	1.5	5.6 +	3.54	0.27 -	13.18	1015.	58.	3.
2301	0000	-653	37.7180	80.7037	MBF-1	0.5	1.5	6.0 +	3.11	0.25 -	12.45	1063.	58.	2.
2302	0000	-654	37.7180	80.7031	MBF-1	0.6 +	1.5	6.4 +	2.77	0.24 -	11.48	1125.	55.	2.
2303	0000	-654	37.7180	80.7025	MBF-1	0.6 +	1.6	6.4 +	2.66	0.25 -	10.69	1176.	54.	2.
2304	0000	-655	37.7180	80.7019	MBF-2	0.7 -	1.6	6.5	2.15	0.24 -	9.88 +	1238.	54.	2.
2305	0000	-657	37.7180	80.7013	MBF-2	0.8 -	1.7	6.7	2.20	0.25 -	8.63 +	1306.	55.	2.
2306	0000	-657	37.7180	80.7007	MBF-2	0.9	1.6	7.1	1.90	0.23 -	8.36 +	1381.	53.	1.
2307	0000	-657	37.7180	80.7001	MBF-2	0.9	1.7	7.3	1.90	0.23 -	8.30 +	1419.	51.	1.
2308	0000	-658	37.7180	80.6995	MBF-2	0.9	1.8	7.4	1.97	0.24 -	8.15 +	1449.	53.	1.
2309	0000	-658	37.7180	80.6989	MBF-2	0.9	1.7	7.5	1.87	0.23 -	8.00	1473.	53.	1.
2310	0000	-659	37.7180	80.6983	MBF-2	1.0	1.8	7.8	1.84	0.23 -	8.10 +	1505.	50.	1.
2311	0000	-661	37.7180	80.6978	MBF-2	1.0	2.0	8.1	2.11	0.25 -	8.57 +	1547.	51.	1.
2312	0000	-660	37.7180	80.6971	MBF-2	1.0	2.2	8.3	2.18	0.26 -	8.29 +	1607.	52.	1.
2313	0000	-661	37.7181	80.6965	MBF-2	1.1	2.3	8.4	2.14	0.27 -	7.83	1673.	55.	1.
2314	0000	-662	37.7181	80.6960	MBF-2	1.2	2.3	8.7 +	1.88	0.26 -	7.17	1755.	55.	2.
2315	0000	-662	37.7181	80.6954	MBF-2	1.3	2.3	8.8 +	1.78	0.26 -	6.92	1812.	53.	3.
2316	0000	-662	37.7181	80.6948	MBF-2	1.4 +	2.1	8.8 +	1.53	0.24 -	6.50	1851.	55.	4.
2317	0000	-663	37.7181	80.6942	MBF-2	1.4 +	2.0	8.8 +	1.43	0.23 -	6.15	1916.	56.	5.
2318	0000	-664	37.7181	80.6936	MBF-2	1.5 +	1.7	9.3 +	1.13 -	0.19 -	6.02	1975.	55.	7.
2319	0000	-664	37.7181	80.6930	MBF-2	1.6 ++	1.4 -	9.7 +	0.87 --	0.14 -	6.07	2006.	56.	8.
2320	0000	-664	37.7181	80.6924	MBF-2	1.6 +	1.5	9.3 +	0.95 -	0.16 -	5.99	1983.	54.	9.
2321	0000	-665	37.7181	80.6918	MBF-2	1.4 +	1.5	9.2 +	1.03 -	0.18 -	6.32	1947.	53.	9.
2322	0000	-666	37.7181	80.6912	MBF-2	1.4 +	1.4	9.0 +	1.01 -	0.16 -	6.39	1894.	54.	10.
2323	0000	-666	37.7181	80.6906	MBF-2	1.3 +	1.6	8.7 +	1.19 -	0.18 -	6.48	1842.	52.	9.
2324	0000	-668	37.7181	80.6900	MBF-2	1.2	1.6	8.3	1.34	0.20	6.73	1752.	54.	8.
2325	0000	-668	37.7181	80.6895	MBF-2	1.1	1.8	7.6	1.65	0.24	6.96	1643.	52.	7.
2326	0000	-667	37.7181	80.6888	MBF-2	1.0	1.8	7.1	1.79	0.25	7.28	1533.	49.	6.
2327	0000	-668	37.7181	80.6882	MBF-2	0.9	1.6	7.3	1.79	0.22	7.98	1452.	51.	4.
2328	0000	-669	37.7181	80.6876	MBF-2	0.8	1.6	6.9	1.90	0.23	8.28 +	1373.	51.	3.
2329	0000	-670	37.7181	80.6871	MBF-2	0.8 -	1.6	6.6	2.03	0.24	8.60 +	1308.	48.	3.
2330	0000	-671	37.7182	80.6865	MBF-2	0.7 -	1.5	6.4	2.26	0.23	9.86 ++	1228.	47.	3.
2331	0000	-670	37.7182	80.6858	MBF-2	0.7 -	1.3 -	6.4	1.89	0.20	9.58 ++	1189.	47.	3.
2332	0000	-671	37.7182	80.6853	MBF-2	0.7 -	1.4	6.2	2.16	0.23	9.58 ++	1201.	49.	4.
2333	0000	-672	37.7182	80.6847	MBF-2	0.8 -	1.4	6.2	1.86	0.23	8.13 +	1243.	50.	5.
2334	0000	-673	37.7182	80.6841	MBF-2	0.8 -	1.5	6.1	1.88	0.25	7.49	1305.	49.	6.
2335	0000	-674	37.7182	80.6835	MBF-2	0.9	1.6	6.0 -	1.70	0.26	6.46	1368.	49.	6.
2336	0000	-675	37.7182	80.6828	MBF-2	1.0	1.5	6.4	1.45	0.23	6.35	1445.	52.	6.
2337	0000	-674	37.7182	80.6823	MBF-2	1.1	1.4	6.9	1.26 -	0.21	6.11	1519.	52.	6.
2338	0000	-675	37.7182	80.6817	MBF-2	1.2	1.7	7.4	1.44	0.23	6.39	1629.	50.	6.
2339	0000	-675	37.7182	80.6811	MBF-2	1.3 +	1.4	8.1	1.05 -	0.17 -	6.02	1698.	50.	5.
2340	0000	-675	37.7182	80.6805	MBF-2	1.3	1.7	8.2	1.27 -	0.21	6.14	1714.	51.	4.
2341	0000	-676	37.7182	80.6799	MBF-2	1.3	1.7	8.0	1.28	0.21	6.05	1703.	50.	4.
2342	0000	-677	37.7182	80.6793	MBF-2	1.3	1.8	7.8	1.45	0.23	6.17	1664.	52.	4.
2343	0000	-677	37.7182	80.6788	MBF-2	1.2	2.0	7.5	1.69	0.27	6.30	1612.	51.	4.
2344	0000	-678	37.7182	80.6782	MBF-2	1.1	2.0	7.2	1.81	0.28	6.44	1566.	52.	4.
2345	0000	-679	37.7182	80.6775	MBF-2	1.1	2.2	6.6	2.01	0.32	6.19	1491.	52.	4.
2346	0000	-680	37.7182	80.6770	MBF-2	0.9	2.2	6.5	2.31	0.33	6.99	1431.	52.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-680	37.7182	80.6764	MBF-2	0.9	2.0	6.5	2.20	0.31	7.18	1414.	53.	5.
2348	0000	-680	37.7182	80.6758	MBF-2	1.0	1.9	6.8	1.95	0.28	6.86	1442.	51.	4.
2349	0000	-682	37.7182	80.6752	MBF-2	1.0	1.9	7.1	1.90	0.27	6.93	1484.	50.	5.
2350	0000	-683	37.7182	80.6745	MBF-2	1.0	2.1	7.2	2.05	0.29	6.96	1517.	50.	5.
2351	0000	-684	37.7182	80.6740	MBF-2	1.1	2.0	7.3	1.86	0.28	6.63	1543.	50.	6.
2352	0000	-685	37.7182	80.6734	MBF-2	1.1	1.8	7.3	1.66	0.24	6.78	1537.	49.	6.
2353	0000	-687	37.7182	80.6728	MBF-2	1.0	1.8	6.6	1.83	0.28	6.61	1479.	49.	6.
2354	0000	-690	37.7182	80.6721	MBF-2	0.9	1.8	6.0 -	1.96	0.30	6.49	1377.	48.	7.
2355	0000	-691	37.7183	80.6716	MBF-2	0.8 -	1.6	5.3 -	2.01	0.31	6.58	1256.	51.	7.
2356	0000	-690	37.7183	80.6710	MBF-2	0.7 -	1.3 -	5.3 -	1.85	0.25	7.27	1159.	52.	7.
2357	0000	-690	37.7183	80.6704	MG	0.7	1.0 --	5.0 -	1.43 -	0.21 -	6.95	1090.	52.	7.
2358	0000	-692	37.7183	80.6699	MG	0.7 -	1.2 -	4.7 --	1.79	0.26	7.01	1068.	54.	5.
2359	0000	-692	37.7183	80.6692	MG	0.7	1.3 -	4.8 --	1.92	0.27	7.00	1070.	56.	4.
2360	0000	-692	37.7183	80.6686	MG	0.7	1.5 -	5.0 -	2.01	0.30	6.69	1127.	54.	3.
2361	0000	-693	37.7183	80.6680	MBF-2	0.8 -	1.7	5.7 -	2.17	0.29	7.35	1231.	54.	2.
2362	0000	-694	37.7183	80.6674	MBF-2	0.8	2.2	6.0	2.56 +	0.36 +	7.14	1336.	53.	1.
2363	0000	-693	37.7184	80.6669	MBF-2	1.0	2.3	6.4	2.29	0.35 +	6.47	1444.	52.	1.
2364	0000	-692	37.7184	80.6662	MBF-2	1.0	2.6 +	6.9	2.59 +	0.37 +	6.97	1522.	52.	0.
2365	0000	-693	37.7184	80.6656	MBF-2	1.0	2.7 +	7.2	2.61 +	0.37 +	7.02	1583.	50.	0.
2366	0000	-695	37.7184	80.6651	MBF-2	1.0	2.8 +	7.4	2.77 +	0.38 +	7.26	1643.	52.	0.
2367	0000	-697	37.7184	80.6645	MBF-2	1.0	2.8 +	7.7	2.76 +	0.36 +	7.60	1687.	53.	1.
2368	0000	-700	37.7184	80.6638	MBF-2	1.0	2.7 +	7.9	2.56 +	0.34 +	7.60	1725.	52.	2.
2369	0000	-702	37.7184	80.6632	MBF-2	1.0	2.4 +	8.4	2.39	0.29	8.32 +	1742.	52.	2.
2370	0000	-702	37.7183	80.6627	MBF-2	0.9	2.6 +	8.5	2.83 +	0.31	9.14 +	1760.	51.	3.
2371	0000	-702	37.7184	80.6621	MBF-2	1.0	2.5 +	8.6	2.52 +	0.29	8.74 +	1797.	51.	4.
2372	0000	-703	37.7184	80.6615	MBF-2	1.0	2.3	8.8 +	2.28	0.27	8.57 +	1824.	50.	5.
2373	0000	-702	37.7184	80.6609	MBF-2	1.1	2.3	8.8 +	2.03	0.26	7.85	1841.	47.	7.
2374	0000	-703	37.7184	80.6603	MBF-2	1.2	2.1	8.7 +	1.77	0.24	7.29	1847.	47.	7.
2375	0000	-705	37.7184	80.6597	MBF-2	1.2	2.1	8.2	1.73	0.26	6.72	1809.	47.	7.
2376	0000	-707	37.7184	80.6591	MBF-2	1.2	2.1	8.2	1.68	0.25	6.67	1792.	46.	7.
2377	0000	-707	37.7184	80.6586	MBF-2	1.3	1.9	7.8	1.44	0.24	5.90	1768.	47.	8.
2378	0000	-708	37.7184	80.6579	MBF-2	1.4 +	1.9	7.3	1.39	0.26	5.36 -	1737.	45.	7.
2379	0000	-709	37.7184	80.6573	MBF-2	1.4 +	2.0	7.4	1.47	0.28	5.26 -	1733.	45.	6.
2380	0000	-709	37.7184	80.6567	MBF-2	1.4 +	1.9	7.2	1.38	0.26	5.21 -	1701.	46.	5.
2381	0000	-709	37.7184	80.6562	MBF-2	1.4 +	2.0	7.3	1.47	0.27	5.38 -	1683.	46.	4.
2382	0000	-712	37.7184	80.6555	MBF-2	1.3	2.0	7.7	1.56	0.27	5.87	1709.	47.	4.
2383	0000	-712	37.7184	80.6549	MBF-2	1.3	1.9	7.8	1.41	0.24	5.83	1727.	48.	4.
2384	0000	-711	37.7184	80.6544	MBF-2	1.3	1.8	8.1	1.40	0.22	6.26	1735.	49.	4.
2385	0000	-711	37.7184	80.6538	MBF-2	1.2	1.8	8.4	1.44	0.21	6.77	1750.	50.	4.
2386	0000	-713	37.7184	80.6532	MBF-2	1.2	1.7	8.3	1.45	0.20	7.13	1751.	52.	5.
2387	0000	-713	37.7184	80.6526	MBF-2	1.1	2.0	8.1	1.72	0.24	7.13	1767.	53.	5.
2388	0000	-713	37.7185	80.6520	MBF-2	1.1	2.0	8.3	1.78	0.24	7.40	1785.	54.	5.
2389	0000	-715	37.7185	80.6514	MBF-2	1.1	2.1	8.1	1.90	0.26	7.22	1779.	53.	5.
2390	0000	-716	37.7185	80.6508	MBF-2	1.1	2.3	8.3	2.07	0.28	7.44	1783.	52.	4.
2391	0000	-716	37.7185	80.6502	MBF-2	1.1	2.5 +	8.4	2.29	0.30	7.73	1783.	51.	3.
2392	0000	-716	37.7185	80.6496	MBF-2	1.2	2.5 +	8.4	2.19	0.30	7.26	1795.	51.	2.
2393	0000	-716	37.7185	80.6490	MBF-2	1.2	2.5 +	8.5	2.16	0.30	7.31	1788.	50.	1.
2394	0000	-718	37.7185	80.6484	MBF-2	1.2	2.3	9.4 +	1.88	0.25	7.53	1795.	51.	1.
2395	0000	-719	37.7185	80.6479	MBF-2	1.3	2.3	9.2 +	1.80	0.26	7.06	1786.	50.	0.
2396	0000	-719	37.7185	80.6473	MBF-2	1.4 +	2.2	9.0 +	1.61	0.24	6.61	1767.	50.	0.
2397	0000	-719	37.7185	80.6466	MBF-2	1.4 +	2.2	8.8 +	1.60	0.25	6.37	1729.	51.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-720	37.7185	80.6460	MG	1.5 +	2.1	8.4	1.44 -	0.25	5.65 -	1736.	51.	0.
2399	0000	-721	37.7185	80.6455	MG	1.4 +	2.1	8.3	1.50 -	0.26	5.81 -	1693.	53.	1.
2400	0000	-722	37.7185	80.6449	MG	1.4 +	2.0	8.2	1.45 -	0.25	5.92 -	1641.	54.	1.
2401	0000	-723	37.7185	80.6443	MG	1.3 +	1.9	7.8	1.51 -	0.24	6.23	1605.	51.	2.
2402	0000	-724	37.7185	80.6437	MG	1.2	1.9	7.7	1.59	0.24	6.66	1578.	50.	3.
2403	0000	-725	37.7185	80.6431	MG	1.1	1.8	8.1	1.61	0.22 -	7.15	1611.	52.	4.
2404	0000	-726	37.7185	80.6425	MG	1.1	1.9	8.0	1.68	0.24	7.05	1671.	51.	5.
2405	0000	-726	37.7184	80.6419	MG	1.0	2.0	8.1	1.91	0.24	7.83	1673.	53.	5.
2406	0000	-726	37.7184	80.6413	MG	1.1	2.0	8.2	1.90	0.24	7.76	1707.	52.	5.
2407	0000	-727	37.7184	80.6408	MG	1.1	2.0	8.4	1.78	0.24	7.46	1748.	49.	5.
2408	0000	-728	37.7184	80.6402	MG	1.2	2.2	8.0	1.84	0.28	6.64	1769.	50.	5.
2409	0000	-728	37.7184	80.6396	MG	1.3 +	2.3	8.0	1.76	0.29	6.14 -	1804.	52.	4.
2410	0000	-728	37.7184	80.6390	MG	1.3 +	2.3	7.6	1.70	0.30	5.71 -	1770.	52.	4.
2411	0000	-729	37.7184	80.6384	MG	1.3 +	2.3	7.3	1.80	0.32	5.63 -	1711.	53.	3.
2412	0000	-729	37.7184	80.6378	MG	1.3 +	2.1	7.3	1.64	0.29	5.61 -	1660.	53.	2.
2413	0000	-730	37.7184	80.6372	MG	1.2	2.1	6.9	1.71	0.30	5.70 -	1587.	54.	2.
2414	0000	-732	37.7184	80.6366	MBF-2	1.1	2.1	6.1	1.87	0.35 +	5.38 -	1510.	55.	2.
2415	0000	-734	37.7184	80.6361	MBF-2	1.1	2.0	5.9 -	1.91	0.34 +	5.56 -	1431.	56.	2.
2416	0000	-734	37.7184	80.6354	MBF-2	0.9	2.0	5.6 -	2.25	0.36 +	6.25	1331.	54.	2.
2417	0000	-736	37.7184	80.6348	MBF-2	0.8 -	1.9	5.5 -	2.41 +	0.34 +	6.99	1236.	53.	2.
2418	0000	-737	37.7184	80.6343	MBF-2	0.7 -	1.6	5.0 -	2.23	0.31	7.16	1132.	55.	2.
2419	0000	-736	37.7184	80.6337	MBF-1	0.6 +	1.6	4.6	2.72	0.34	7.91 -	1052.	53.	3.
2420	0000	-737	37.7184	80.6331	MBF-1	0.5	1.6	4.5	3.16	0.36	8.73	996.	52.	3.
2421	0000	-738	37.7184	80.6325	MBF-1	0.4	1.5	4.5	3.55	0.34	10.50	950.	54.	3.
2422	0000	-738	37.7184	80.6319	MBF-1	0.3	1.4	4.1	3.95	0.33	11.88	893.	53.	4.
2423	0000	-738	37.7184	80.6313	MBF-1	0.4	1.3	3.7	3.50	0.34	10.21	848.	54.	5.
2424	0000	-739	37.7184	80.6307	MBF-1	0.3	1.1	3.4	3.55	0.33	10.81	818.	51.	6.
2425	0000	-740	37.7184	80.6301	MBF-1	0.3 -	1.0	3.4	3.42	0.29	11.87	796.	50.	6.
2426	0000	-743	37.7184	80.6296	MBF-1	0.3 -	1.0	3.1	3.84	0.34	11.40	763.	53.	6.
2427	0000	-744	37.7184	80.6290	MBF-1	0.3 -	1.0	2.8 -	3.64	0.35	10.31	747.	53.	7.
2428	0000	-743	37.7184	80.6284	MBF-1	0.3	0.9 -	2.7 -	2.65	0.32	8.36	735.	52.	8.
2429	0000	-743	37.7184	80.6278	MBF-1	0.4	0.9 -	2.8 -	2.38 -	0.31	7.70 -	743.	54.	8.
2430	0000	-745	37.7184	80.6272	MBF-1	0.4	0.6 -	3.2	1.29 --	0.17 --	7.39 -	766.	54.	8.
2431	0000	-745	37.7184	80.6266	MBF-1	0.5	0.8 -	3.2	1.65 -	0.24 -	6.78 -	805.	55.	7.
2432	0000	-746	37.7184	80.6260	MG	0.6 -	0.9 --	3.6 --	1.59	0.25	6.41	858.	54.	7.
2433	0000	-747	37.7183	80.6254	MG	0.7 -	0.9 --	4.0 --	1.40 -	0.23	5.99 -	927.	53.	7.
2434	0000	-746	37.7183	80.6249	MG	0.7	0.8 --	4.6 --	1.19 -	0.18 -	6.58	969.	53.	6.
2435	0000	-747	37.7183	80.6243	MG	0.7	1.1 -	4.8 --	1.53 -	0.23	6.54	1008.	52.	4.
2436	0000	-748	37.7183	80.6236	MG	0.8	1.1 --	5.2 -	1.34 -	0.21 -	6.54	1064.	49.	3.
2437	0000	-748	37.7183	80.6231	MG	0.8	1.7 -	5.0 -	2.18	0.33	6.57	1119.	48.	2.
2438	0000	-749	37.7183	80.6225	MG	0.7	2.0	5.3 -	2.70	0.37	7.32	1155.	48.	2.
2439	0000	-749	37.7183	80.6219	MG	0.7	2.1	5.3 -	3.09	0.39	7.85	1171.	47.	1.
2440	0000	-750	37.7183	80.6213	MG	0.6 -	2.3	5.5 -	3.56	0.42 +	8.44	1187.	47.	0.
2441	0000	-750	37.7183	80.6207	MG	0.7	2.5	5.2 -	3.47	0.48 +	7.28	1223.	45.	0.
2442	0000	-751	37.7183	80.6201	MG	0.7	2.6	5.5 -	3.64	0.47 +	7.75	1257.	44.	0.
2443	0000	-751	37.7183	80.6195	MG	0.7	2.7	5.6 -	4.05 +	0.49 +	8.30	1252.	45.	0.
2444	0000	-750	37.7183	80.6189	MG	0.7 -	2.3	5.6 -	3.53	0.41	8.65	1213.	45.	1.
2445	0000	-750	37.7183	80.6184	MBF-2	0.7 -	2.0	5.7 -	3.03 +	0.35 +	8.69 +	1169.	48.	1.
2446	0000	-751	37.7183	80.6178	MBF-2	0.7 -	1.9	5.5 -	2.80 +	0.35 +	7.95	1151.	47.	2.
2447	0000	-751	37.7183	80.6172	MBF-2	0.7 -	1.7	5.4 -	2.48 +	0.32	7.76	1124.	46.	2.
2448	0000	-750	37.7183	80.6166	MBF-2	0.7 -	1.6	5.4 -	2.37	0.29	8.18 +	1094.	47.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES										
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-752	37.7183	80.6160		MG	0.7 -	1.5 -	5.3 -	2.23	0.28	7.97	1057.	48.	2.
2450	0000	-752	37.7183	80.6154		MG	0.7	1.4 -	4.7 --	1.98	0.29	6.86	1025.	50.	2.
2451	0000	-752	37.7183	80.6148		MG	0.7	1.4 -	4.6 --	2.01	0.31	6.52	1020.	47.	1.
2452	0000	-756	37.7183	80.6142		MG	0.7	1.3 -	4.4 --	1.93	0.30	6.40	993.	45.	2.
2453	0000	-757	37.7183	80.6137		MG	0.6 -	1.2 -	4.1 --	1.96	0.30	6.50	940.	49.	2.
2454	0000	-754	37.7183	80.6131		MG	0.6 -	1.1 --	3.8 --	1.82	0.28	6.40	888.	51.	2.
2455	0000	-755	37.7183	80.6124		MG	0.5 -	0.9 --	3.5 ---	1.67	0.25	6.68	819.	51.	4.
2456	0000	-758	37.7183	80.6118		MG	0.5 -	0.6 --	3.2 ---	1.28 -	0.19 -	6.87	764.	49.	6.
2457	0000	-759	37.7183	80.6113		MG	0.4 --	0.6 --	3.3 ---	1.45 -	0.17 --	8.59	706.	49.	7.
2458	0010	-761	37.7183	80.6107		MG	0.3 --	0.4 N.A.	3.1 ---	1.17 N.A.	0.13 N.A.	9.31	651.	51.	9.
2459	0000	-763	37.7183	80.6101		MG	0.4 --	0.5 ---	2.9 ---	1.24 -	0.16 --	7.72	669.	50.	9.
2460	0000	-763	37.7183	80.6095		MG	0.4 -	0.5 --	3.0 ---	1.28 -	0.18 -	7.21	698.	46.	9.
2461	0010	-763	37.7183	80.6090		MG	0.4 -	0.4 N.A.	3.2 ---	0.91 N.A.	0.13 N.A.	7.15	715.	47.	9.
2462	0000	-763	37.7183	80.6083		MG	0.5 -	0.6 --	3.1 ---	1.31 -	0.19 -	6.79	726.	49.	8.
2463	0000	-763	37.7183	80.6077		MG	0.5 -	0.7 --	3.1 ---	1.53 -	0.23 -	6.77	726.	49.	6.
2464	0000	-763	37.7183	80.6071		MG	0.5 -	0.8 --	2.9 ---	1.67	0.27	6.21	722.	48.	5.
2465	0000	-765	37.7183	80.6066		MG	0.4 -	1.0 --	2.7 ---	2.26	0.35	6.47	692.	49.	3.
2466	0000	-766	37.7183	80.6060		MG	0.4 --	1.0 --	2.4 ---	2.74	0.40	6.80	628.	49.	2.
2467	0000	-765	37.7183	80.6054		MBF-1	0.3	1.0	2.2 -	3.38	0.45	7.50 -	574.	51.	2.
2468	0000	-765	37.7183	80.6048		MBF-1	0.2 -	1.2	1.8 -	5.71 +	0.64 +	8.38	525.	52.	1.
2469	0000	-764	37.7182	80.6042		MBF-1	0.2 -	1.1	1.7 --	6.33 +	0.67 ++	9.47	499.	52.	1.
2470	0000	-763	37.7182	80.6036		MBF-1	0.2 --	1.1	1.4 --	7.29 +	0.80 ++	9.06	483.	54.	1.
2471	0000	-765	37.7182	80.6030		MBF-1	0.1 --	1.1	1.5 --	8.19 ++	0.70 ++	11.67	484.	55.	1.
2472	0000	-765	37.7182	80.6024		MBF-1	0.2 --	0.9 -	1.7 --	5.73 +	0.55 +	10.34	502.	54.	2.
2473	0000	-764	37.7182	80.6019		MBF-1	0.1 --	1.0	1.9 -	6.69 +	0.52 +	12.74	526.	54.	3.
2474	0000	-765	37.7182	80.6013		MBF-1	0.2 --	0.8 -	2.0 -	5.32	0.42	12.60	540.	55.	4.
2475	0000	-765	37.7182	80.6006		MBF-1	0.2 -	0.7 -	2.2 -	3.98	0.34	11.69	564.	53.	5.
2476	0000	-766	37.7182	80.6001		MBF-1	0.2 -	0.7 -	2.3 -	3.23	0.29	11.32	583.	53.	5.
2477	0000	-767	37.7182	80.5995		MBF-1	0.2 -	0.6 -	2.8 -	2.74	0.22 -	12.65	604.	53.	6.
2478	0000	-767	37.7182	80.5989		MBF-1	0.2 -	0.7 -	2.8 -	3.05	0.24 -	12.80	622.	52.	5.
2479	0000	-767	37.7182	80.5983		MBF-1	0.2 -	0.6 -	2.9 -	2.93	0.23 -	12.99	642.	52.	5.
2480	0000	-767	37.7182	80.5977		MBF-1	0.3 -	0.6 -	2.9 -	2.39	0.21 -	11.36	648.	54.	5.
2481	0000	-769	37.7182	80.5972		MBF-1	0.2 -	0.9 -	3.0 -	3.84	0.31	12.42	673.	53.	4.
2482	0000	-771	37.7182	80.5965		MBF-1	0.2 -	1.0	3.3	4.09	0.29	13.93 +	697.	54.	3.
2483	0000	-771	37.7182	80.5959		MBF-1	0.3	1.0	3.2	3.47	0.32	10.85	724.	53.	3.
2484	0000	-771	37.7182	80.5954		MBF-1	0.3	1.2	3.0 -	3.77	0.39	9.65	746.	56.	3.
2485	0000	-772	37.7182	80.5948		MBF-1	0.3	1.2	3.1	3.46	0.39	8.93	779.	56.	4.
2486	0000	-772	37.7182	80.5942		MBF-1	0.4	1.4	3.1	3.99	0.46	8.61	792.	57.	4.
2487	0000	-772	37.7182	80.5936		MBF-1	0.3	1.5	3.3	4.58	0.46	9.89	816.	56.	4.
2488	0000	-773	37.7182	80.5930		MBF-1	0.3	1.4	3.6	4.01	0.38	10.57	828.	55.	5.
2489	0000	-774	37.7182	80.5924		MBF-1	0.3	1.5	3.5	4.46	0.43	10.44	838.	55.	5.
2490	0000	-774	37.7182	80.5918		MBF-1	0.3 -	1.7	4.0	5.92 +	0.42	14.22 +	831.	55.	4.
2491	0000	-774	37.7182	80.5912		MBF-1	0.3 -	1.7	4.1	6.56 +	0.41	16.17 +	821.	52.	3.
2492	0000	-773	37.7182	80.5907		MBF-1	0.2 -	1.8	4.0	8.46 ++	0.45	18.86 ++	802.	52.	3.
2493	0000	-775	37.7182	80.5901		MBF-1	0.2 -	1.8	4.1	10.50 ++	0.45	23.58 ++	791.	53.	2.
2494	0000	-777	37.7182	80.5895		MBF-1	0.2 -	1.8	4.2	8.55 ++	0.42	20.18 ++	791.	52.	2.
2495	0000	-776	37.7182	80.5889		MBF-1	0.2 -	1.8	4.2	8.04 ++	0.42	19.27 ++	792.	53.	2.
2496	0000	-777	37.7182	80.5883		MBF-1	0.2 -	1.7	4.0	7.67 +	0.42	18.06 +	777.	52.	2.
2497	0000	-778	37.7182	80.5877		MBF-1	0.3 -	1.5	3.5	6.16 +	0.44	14.13 +	789.	50.	4.
2498	0000	-778	37.7182	80.5871		MBF-1	0.2 -	1.6	3.5	6.63 +	0.44	15.02 +	807.	51.	4.
2499	0000	-778	37.7181	80.5865		MBF-1	0.2 -	1.5	3.8	6.22 +	0.38	16.46 +	815.	52.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-780	37.7181	80.5860	MBF-1	0.3 -	1.4	3.7	5.28	0.37	14.13 +	833.	53.	5.
2501	0000	-781	37.7181	80.5853	MBF-1	0.3 -	1.4	3.5	5.69 +	0.41	13.89 +	818.	55.	5.
2502	0000	-781	37.7181	80.5847	MBF-1	0.2 -	1.5	3.1	6.16 +	0.48 +	12.85	801.	56.	5.
2503	0000	-781	37.7181	80.5842	MBF-1	0.3 -	1.5	2.7 -	6.08 +	0.57 +	10.70	798.	57.	5.
2504	0000	-781	37.7181	80.5836	MBF-1	0.2 -	1.5	2.9 -	6.74 +	0.51 +	13.23	787.	56.	4.
2505	0000	-782	37.7180	80.5830	MBF-1	0.3 -	1.3	2.8 -	5.04	0.46	10.88	740.	56.	4.
2506	0000	-783	37.7180	80.5824	MBF-1	0.2 -	1.4	2.3 -	5.65 +	0.59 +	9.55	696.	56.	5.
2507	0000	-782	37.7180	80.5818	MBF-1	0.2 -	1.2	2.3 -	5.11	0.52 +	9.81	660.	55.	6.
2508	0000	-783	37.7180	80.5812	MBF-1	0.2 -	1.2	2.2 -	6.11 +	0.55 +	11.14	647.	53.	6.
2509	0000	-785	37.7180	80.5806	MBF-1	0.2 -	0.9 -	2.3 -	4.27	0.40	10.75	632.	53.	8.
2510	0000	-785	37.7180	80.5800	MBF-1	0.2 -	0.7 -	2.4 -	3.55	0.29	12.16	612.	55.	9.
2511	0000	-784	37.7180	80.5795	MBF-1	0.2 -	0.7 -	2.3 -	3.73	0.32	11.51	593.	55.	10.
2512	0000	-784	37.7180	80.5789	MBF-1	0.2 --	0.9 -	2.3 -	5.06	0.37	13.68	610.	55.	10.
2513	0000	-785	37.7180	80.5783	MBF-1	0.2 -	0.8 -	2.5 -	3.33	0.30	10.95	644.	55.	11.
2514	0000	-785	37.7180	80.5777	MBF-1	0.3	0.7 -	2.8 -	2.21 -	0.24 -	9.05	707.	55.	11.
2515	0000	-787	37.7180	80.5771	MBF-1	0.4	0.5 -	3.0	1.24 --	0.18 --	7.00 -	784.	56.	10.
2516	0000	-788	37.7180	80.5765	MBF-1	0.5	0.5 -	3.4	1.01 ---	0.15 --	6.83 -	870.	57.	10.
2517	0000	-789	37.7180	80.5759	MBF-2	0.6 -	0.7 --	4.1 --	1.12 -	0.17 -	6.68	978.	56.	8.
2518	0000	-789	37.7180	80.5753	MBF-2	0.7 -	0.8 --	5.0 -	1.13 -	0.17 -	6.77	1107.	59.	7.
2519	0000	-789	37.7180	80.5748	MBF-2	0.9	1.2 -	5.5 -	1.30	0.21	6.13	1242.	59.	7.
2520	0000	-790	37.7180	80.5742	MBF-2	1.0	1.1 -	6.1	1.07 -	0.18 -	5.93	1374.	59.	7.
2521	0000	-790	37.7180	80.5735	MBF-2	1.1	1.2 -	6.4	1.09 -	0.19 -	5.70 -	1472.	57.	7.
2522	0000	-790	37.7180	80.5730	MG	1.2	1.4 -	6.8	1.15 -	0.21 -	5.60 -	1549.	56.	7.
2523	0000	-793	37.7180	80.5724	MG	1.2 +	1.8	7.0	1.41 -	0.25	5.64 -	1603.	53.	7.
2524	0000	-793	37.7180	80.5718	MG	1.2	1.8	7.2	1.46 -	0.25	5.79 -	1637.	52.	8.
2525	0000	-791	37.7180	80.5712	MG	1.3 +	1.8	6.8	1.42 -	0.27	5.31 -	1660.	52.	8.
2526	0000	-791	37.7180	80.5706	MG	1.3 +	1.7 -	6.7	1.31 -	0.25	5.24 -	1661.	52.	8.
2527	0000	-791	37.7180	80.5700	MG	1.2	1.8	6.7	1.49 -	0.27	5.50 -	1630.	50.	7.
2528	0000	-790	37.7180	80.5694	MG	1.2	2.1	6.8	1.79	0.30	5.92 -	1618.	50.	6.
2529	0000	-792	37.7180	80.5688	MG	1.1	2.1	7.0	1.89	0.30	6.26	1620.	49.	4.
2530	0000	-794	37.7180	80.5682	MG	1.2	2.1	7.2	1.86	0.30	6.20	1660.	50.	4.
2531	0000	-793	37.7180	80.5677	MG	1.2	2.1	7.3	1.82	0.29	6.16 -	1683.	50.	4.
2532	0000	-792	37.7180	80.5671	MG	1.2	2.3	7.6	1.92	0.30	6.39	1699.	50.	3.
2533	0000	-792	37.7180	80.5665	MG	1.2	2.1	7.9	1.83	0.27	6.74	1714.	52.	4.
2534	0000	-793	37.7180	80.5659	MG	1.3 +	2.1	7.9	1.64	0.26	6.23	1748.	53.	4.
2535	0000	-792	37.7180	80.5653	MG	1.3 +	2.0	7.8	1.55 -	0.26	5.94 -	1762.	53.	5.
2536	0000	-792	37.7180	80.5647	MG	1.4 +	1.9	8.0	1.41 -	0.24	5.92 -	1777.	54.	6.
2537	0000	-792	37.7180	80.5641	MG	1.3 +	1.7 -	7.9	1.24 -	0.21 -	5.83 -	1755.	55.	7.
2538	0000	-792	37.7180	80.5635	MG	1.4 +	1.8	7.7	1.29 -	0.23 -	5.66 -	1770.	54.	7.
2539	0000	-792	37.7180	80.5630	MG	1.3 +	1.7	7.4	1.31 -	0.24	5.55 -	1752.	53.	7.
2540	0000	-794	37.7180	80.5624	MG	1.3 +	2.0	7.8	1.45 -	0.25	5.81 -	1783.	52.	6.
2541	0000	-794	37.7179	80.5617	MG	1.3 +	2.2	8.1	1.70	0.27	6.24	1796.	54.	5.
2542	0000	-793	37.7179	80.5612	MG	1.3 +	2.3	8.4	1.77	0.27	6.56	1797.	54.	4.
2543	0000	-793	37.7179	80.5606	MG	1.2	2.4	8.6 +	2.05	0.28	7.25	1768.	54.	2.
2544	0000	-793	37.7179	80.5600	MG	1.1	2.8	8.9 +	2.57	0.32	8.08	1761.	54.	1.
2545	0000	-794	37.7179	80.5594	MG	1.1	2.7	9.3 +	2.52	0.29	8.61	1757.	55.	1.
2546	0000	-794	37.7179	80.5588	MG	1.1	2.7	9.3 +	2.44	0.29	8.44	1770.	57.	0.
2547	0000	-794	37.7179	80.5582	MG	1.1	2.8	9.0 +	2.63	0.31	8.39	1738.	56.	1.
2548	0000	-793	37.7179	80.5576	MG	1.0	2.7	8.8 +	2.72	0.31	8.75	1720.	53.	2.
2549	0000	-793	37.7179	80.5570	MG	1.0	2.6	9.0 +	2.71	0.29	9.29	1705.	54.	3.
2550	0000	-794	37.7179	80.5565	MG	1.0	2.4	9.0 +	2.54	0.27	9.40	1710.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-794	37.7179	80.5559		MG	1.0	2.3	8.7 +	2.33	0.26	8.81	1705.	52.	6.
2552	0000	-793	37.7179	80.5553		MG	1.0	2.4	8.6 +	2.54	0.28	8.94	1685.	50.	7.
2553	0000	-792	37.7179	80.5547		MG	0.9	2.6	8.7 +	2.83	0.29	9.62	1681.	49.	7.
2554	0000	-795	37.7179	80.5541		MG	0.9	2.3	8.9 +	2.59	0.26	9.82	1686.	48.	7.
2555	0000	-797	37.7179	80.5535		MG	0.9	2.3	8.9 +	2.41	0.25	9.52	1700.	50.	7.
2556	0000	-797	37.7179	80.5529		MG	1.0	2.3	9.0 +	2.34	0.26	9.09	1720.	51.	5.
2557	0000	-797	37.7179	80.5523		MG	1.1	2.7	8.4	2.58	0.32	8.03	1760.	52.	4.
2558	0000	-799	37.7179	80.5518		MG	1.1	2.7	8.7 +	2.47	0.30	8.11	1807.	53.	3.
2559	0000	-800	37.7179	80.5512		MG	1.1	2.6	8.4	2.44	0.31	7.79	1825.	55.	3.
2560	0000	-801	37.7179	80.5505		MG	1.0	2.8	8.5	2.66	0.33	8.16	1849.	53.	2.
2561	0000	-802	37.7179	80.5500		MG	1.0	3.2 +	8.3	3.20	0.38	8.40	1857.	54.	1.
2562	0000	-803	37.7179	80.5494		MG	1.0	3.3 +	8.2	3.38	0.40	8.53	1865.	54.	1.
2563	0000	-803	37.7179	80.5488		MG	0.9	3.5 +	8.2	3.96 +	0.42 +	9.38	1874.	52.	2.
2564	0000	-801	37.7179	80.5482		MG	0.8	3.6 ++	8.3	4.45 +	0.44 +	10.20 +	1863.	53.	2.
2565	0000	-802	37.7179	80.5476		MG	0.8	3.9 ++	8.0	5.17 +	0.48 +	10.72 +	1845.	51.	1.
2566	0000	-803	37.7179	80.5471		MG	0.7	3.9 ++	7.9	5.33 +	0.50 +	10.65 +	1845.	51.	2.
2567	0000	-803	37.7178	80.5464		MG	0.8	3.9 ++	7.9	4.77 +	0.49 +	9.80	1847.	54.	2.
2568	0000	-803	37.7178	80.5458		MG	0.9	3.5 +	8.4	3.92 +	0.41	9.50	1873.	54.	2.
2569	0000	-803	37.7178	80.5453		MG	0.9	3.5 +	8.8 +	3.96 +	0.40	10.02	1909.	54.	2.
2570	0000	-804	37.7178	80.5447		MG	1.0	3.5 +	8.9 +	3.64	0.40	9.19	1953.	56.	2.
2571	0000	-804	37.7178	80.5441		MG	1.0	3.3 +	9.1 +	3.32	0.36	9.12	1979.	56.	2.
2572	0000	-804	37.7178	80.5435		MG	1.0	3.3 +	9.1 +	3.26	0.37	8.83	1996.	56.	2.
2573	0000	-804	37.7178	80.5429		MG	1.0	3.2 +	9.4 +	3.15	0.34	9.15	1992.	56.	3.
2574	0000	-805	37.7178	80.5423		MG	1.0	3.0 +	9.6 +	2.97	0.32	9.42	1985.	54.	3.
2575	0000	-806	37.7178	80.5417		MG	0.9	3.3 +	9.3 +	3.47	0.35	9.86	1957.	52.	3.
2576	0000	-806	37.7178	80.5411		MG	0.9	3.4 +	9.0 +	3.65	0.38	9.67	1925.	53.	3.
2577	0000	-805	37.7178	80.5406		MG	0.9	3.4 +	8.6	3.78	0.40	9.43	1863.	56.	3.
2578	0000	-806	37.7178	80.5400		MG	0.9	3.5 +	8.4	3.99 +	0.42 +	9.48	1833.	54.	3.
2579	0000	-806	37.7178	80.5394		MG	0.8	3.4 +	8.5	4.02 +	0.40	10.07	1795.	55.	3.
2580	0000	-807	37.7178	80.5388		MG	0.8	3.5 +	8.5	4.15 +	0.41	10.11	1780.	55.	2.
2581	0000	-808	37.7178	80.5382		MG	0.8	3.8 ++	8.2	4.92 +	0.46 +	10.72 +	1771.	55.	1.
2582	0000	-806	37.7178	80.5376		MG	0.8	3.6 ++	7.9	4.49 +	0.46 +	9.79	1770.	56.	1.
2583	0000	-806	37.7178	80.5370		MG	0.8	3.7 ++	7.7	4.81 +	0.48 +	9.99	1749.	54.	1.
2584	0000	-808	37.7178	80.5364		MG	0.7	3.6 ++	7.9	5.30 +	0.46 +	11.47 +	1729.	52.	1.
2585	0000	-808	37.7178	80.5359		MG	0.7 -	3.5 +	7.8	5.38 +	0.45 +	11.90 +	1691.	51.	1.
2586	0000	-808	37.7178	80.5352		MG	0.6 -	3.5 +	7.3	5.60 +	0.48 +	11.61 +	1666.	52.	2.
2587	0000	-808	37.7178	80.5346		MG	0.6 -	3.7 ++	7.1	6.59 ++	0.52 +	12.72 +	1629.	51.	3.
2588	0000	-809	37.7178	80.5341		MG	0.5 -	3.5 +	6.8	6.96 ++	0.52 +	13.41 ++	1559.	50.	4.
2589	0000	-808	37.7177	80.5335		MG	0.4 -	3.6 ++	6.5	8.40 ++	0.56 ++	15.11 ++	1501.	49.	5.
2590	0000	-809	37.7177	80.5329		MG	0.4 -	3.4 +	6.1	8.44 ++	0.56 ++	15.05 ++	1443.	49.	6.
2591	0000	-810	37.7177	80.5323		MG	0.4 -	3.3 +	5.9 -	7.58 ++	0.56 ++	13.60 ++	1424.	48.	6.
2592	0000	-810	37.7177	80.5317		MG	0.4 -	3.3 +	5.8 -	7.73 ++	0.56 ++	13.77 ++	1418.	51.	6.
2593	0000	-807	37.7177	80.5311		MG	0.4 -	3.3 +	5.8 -	7.97 ++	0.57 ++	14.11 ++	1415.	50.	6.
2594	0000	-806	37.7177	80.5305		MG	0.4 -	3.1 +	5.7 -	7.33 ++	0.55 +	13.41 ++	1429.	50.	5.
2595	0000	-808	37.7177	80.5299		MG	0.5 -	3.2 +	5.7 -	6.79 ++	0.56 ++	12.20 +	1439.	51.	5.
2596	0000	-810	37.7177	80.5294		MG	0.5 -	3.1 +	5.6 -	6.31 ++	0.54 +	11.58 +	1428.	54.	3.
2597	0000	-809	37.7177	80.5288		MG	0.5 -	3.2 +	5.8 -	6.20 ++	0.55 +	11.22 +	1440.	52.	2.
2598	0000	-809	37.7177	80.5282		MG	0.6 -	3.1 +	5.8 -	5.56 +	0.53 +	10.43 +	1445.	52.	2.
2599	0000	-811	37.7177	80.5275		MG	0.6 -	3.0 +	5.9 -	5.32 +	0.51 +	10.33 +	1445.	51.	1.
2600	0000	-812	37.7177	80.5270		MMCC	0.6	2.9 +	6.1	4.43 +	0.47 +	9.43	1464.	51.	2.
2601	0000	-810	37.7177	80.5264		MMCC	0.7	2.9 +	6.6	4.42 +	0.44 +	10.00	1484.	53.	1.

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ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-811	37.7177	80.5258	MMCC	0.7	3.0 +	7.3	4.16 +	0.41 +	10.22	1548.	53.	1.
2603	0000	-813	37.7177	80.5252	MMCC	0.7	3.2 ++	7.7	4.32 +	0.41 +	10.46	1626.	52.	2.
2604	0000	-814	37.7177	80.5247	MMCC	0.8	3.0 +	8.5	3.55 +	0.35	10.23	1708.	53.	2.
2605	0000	-813	37.7177	80.5241	MMCC	0.9	3.4 ++	9.0 +	3.86 +	0.38 +	10.18	1798.	52.	2.
2606	0000	-812	37.7177	80.5234	MMCC	1.1	3.4 ++	9.5 +	3.26	0.36	8.97	1892.	52.	2.
2607	0000	-813	37.7177	80.5228	MMCC	1.2	3.4 ++	9.7 +	2.85	0.35	8.05	1960.	52.	3.
2608	0000	-814	37.7177	80.5223	MMCC	1.1	3.2 ++	9.7 +	2.34	0.33	6.99	2033.	49.	3.
2609	0000	-812	37.7177	80.5217	MMCC	1.5 +	3.1 +	9.0 +	2.06	0.34	6.06	2048.	50.	5.
2610	0000	-812	37.7177	80.5211	MMCC	1.6 +	2.7 +	9.3 +	1.72	0.30	5.82	2057.	48.	5.
2611	0000	-813	37.7177	80.5205	MMCC	1.6 +	2.8 +	8.7 +	1.83	0.33	5.58	2011.	45.	4.
2612	0000	-813	37.7177	80.5200	MMCC	1.5 +	2.4	8.1	1.58	0.30	5.35	1926.	46.	4.
2613	0000	-814	37.7177	80.5193	MPO	1.3 +	2.2	7.7	1.62 -	0.28	5.73 -	1810.	47.	4.
2614	0000	-815	37.7177	80.5187	MPO	1.2 +	2.1	7.4	1.73 -	0.29	6.05 -	1728.	48.	3.
2615	0000	-815	37.7177	80.5181	MPO	1.1 +	2.0	7.2	1.86	0.28	6.54 -	1641.	49.	2.
2616	0000	-816	37.7177	80.5176	MPO	1.0 +	1.9	7.3	1.82 -	0.25	7.19 -	1608.	49.	1.
2617	0000	-816	37.7177	80.5169	MPO	1.0 +	1.9	7.0	1.93	0.27	7.04 -	1579.	51.	1.
2618	0000	-816	37.7177	80.5163	MPO	1.0 +	1.8	7.0	1.80 -	0.26	6.82 -	1588.	55.	1.
2619	0000	-817	37.7177	80.5158	MPO	1.1 +	1.9	7.2	1.77 -	0.27	6.55 -	1618.	55.	0.
2620	0000	-815	37.7177	80.5152	MPO	1.2 +	2.0	7.2	1.65 -	0.27	6.06 -	1658.	54.	1.
2621	0000	-815	37.7177	80.5145	MPO	1.2 +	1.9	7.3	1.57 -	0.26	6.02 -	1681.	55.	1.
2622	0000	-816	37.7177	80.5140	MPO	1.3 +	2.0	7.0	1.51 -	0.28	5.43 --	1685.	53.	2.
2623	0000	-816	37.7177	80.5134	MPO	1.3 +	2.0	6.6	1.60 -	0.31	5.14 --	1654.	54.	4.
2624	0000	-816	37.7177	80.5128	MPO	1.3 +	2.0	6.2	1.60 -	0.32	4.95 --	1631.	57.	6.
2625	0000	-817	37.7177	80.5122	MPO	1.2 +	2.0	5.9	1.61 -	0.33	4.89 -	1600.	55.	8.
2626	0000	-818	37.7177	80.5116	MMCC	1.2	1.7	6.0	1.43	0.27	5.21	1570.	54.	11.
2627	0000	-819	37.7177	80.5110	MMCC	1.1	1.5	6.0	1.37	0.25	5.37	1553.	53.	12.
2628	0000	-820	37.7177	80.5104	MMCC	1.1	1.5 -	5.7 -	1.37	0.26	5.34	1510.	53.	14.
2629	0000	-820	37.7177	80.5098	MMCC	1.0	1.5	6.0	1.61	0.25	6.34	1481.	55.	14.
2630	0000	-819	37.7177	80.5092	MMCC	0.9	1.5	6.5	1.65	0.24	6.96	1489.	55.	13.
2631	0000	-819	37.7178	80.5086	MMCC	0.9	1.4 -	7.2	1.47	0.19 -	7.69	1505.	51.	12.
2632	0000	-820	37.7178	80.5080	MMCC	0.9	1.4 -	7.6	1.49	0.18 -	8.10	1523.	54.	10.
2633	0000	-820	37.7178	80.5074	MMCC	0.9	1.8	7.5	1.94 .	0.24	8.11	1555.	56.	8.
2634	0000	-820	37.7177	80.5068	MMCC	0.9	2.0	7.5	2.20	0.27	8.29	1577.	56.	6.
2635	0000	-821	37.7177	80.5062	MMCC	0.9	2.2	7.6	2.39	0.29	8.21	1613.	56.	3.
2636	0000	-821	37.7177	80.5056	MMCC	1.0	2.2	7.6	2.33	0.29	8.04	1655.	56.	2.
2637	0000	-821	37.7177	80.5050	MMCC	1.0	2.4	7.7	2.42	0.31	7.87	1670.	57.	1.
2638	0000	-821	37.7177	80.5044	MMCC	1.0	2.4 +	7.4	2.49	0.33	7.50	1669.	58.	0.
2639	0000	-820	37.7177	80.5038	MPO	1.0 +	2.5 +	6.9	2.60	0.37 +	7.09 -	1661.	57.	1.
2640	0000	-820	37.7178	80.5033	MPO	1.0 +	2.4	7.0	2.40	0.34	7.14 -	1647.	55.	2.
2641	0000	-821	37.7178	80.5026	MPO	1.1 +	2.0	7.0	1.88	0.29	6.46 -	1666.	55.	5.
2642	0000	-821	37.7178	80.5020	MPO	1.1 +	1.8	7.2	1.57 -	0.25	6.35 -	1689.	55.	7.
2643	0000	-820	37.7178	80.5014	MPO	1.2 +	1.7	7.7	1.42 -	0.22	6.47 -	1734.	55.	9.
2644	0000	-820	37.7178	80.5009	MPO	1.2 +	1.6	7.9	1.32 -	0.21	6.41 -	1779.	53.	11.
2645	0000	-819	37.7178	80.5002	MPO	1.3 +	1.7	8.1	1.29 -	0.21	6.22 -	1824.	50.	12.
2646	0000	-817	37.7178	80.4996	MPO	1.3 +	1.3	8.5	1.00 --	0.16 -	6.28 -	1847.	50.	14.
2647	0000	-816	37.7178	80.4991	MPO	1.4 +	1.1 -	8.6	0.79 ---	0.13 --	6.09 -	1847.	52.	14.
2648	0000	-817	37.7178	80.4984	MPO	1.4 +	1.3 -	8.6	0.92 --	0.15 --	6.35 -	1834.	50.	12.
2649	0000	-819	37.7178	80.4978	MMCC	1.4	1.3 -	8.5	0.95 -	0.16 -	6.14	1829.	50.	11.
2650	0000	-821	37.7178	80.4972	MMCC	1.5 +	1.3 -	8.1	0.91 -	0.16 -	5.55	1821.	48.	9.
2651	0000	-823	37.7178	80.4966	MMCC	1.5 +	1.4 -	7.8	0.97 -	0.18 -	5.35	1802.	49.	7.
2652	0000	-824	37.7178	80.4961	MMCC	1.5 +	1.4 -	8.1	0.94 -	0.17 -	5.55	1802.	52.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80; DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES					*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-824	37.7178	80.4954	MMCC	1.5 +	1.6	7.8	1.06 -	0.21	5.07 -	1831.	52.	5.
2654	0000	-825	37.7178	80.4948	MMCC	1.6 +	1.8	7.5	1.17 -	0.24	4.82 -	1863.	51.	4.
2655	0000	-824	37.7178	80.4943	MMCC	1.6 +	2.0	7.7	1.26 -	0.26	4.90 -	1887.	51.	3.
2656	0000	-824	37.7178	80.4937	MMCC	1.5 +	2.2	8.1	1.41	0.27	5.29	1896.	49.	2.
2657	0000	-825	37.7178	80.4931	MPO	1.5 ++	2.3	8.2	1.54 -	0.28	5.42 --	1931.	52.	2.
2658	0000	-826	37.7179	80.4925	MPO	1.6 ++	2.3	8.7	1.46 -	0.26	5.58 --	1971.	52.	2.
2659	0000	-825	37.7179	80.4919	MPO	1.5 ++	2.3	8.7	1.53 -	0.26	5.82 -	1985.	51.	2.
2660	0000	-824	37.7178	80.4913	MPO	1.4 +	2.3	9.0 +	1.64 -	0.26	6.37 -	1985.	52.	1.
2661	0000	-825	37.7178	80.4907	MPO	1.4 +	2.5 +	9.5 +	1.79 -	0.26	6.81 -	2020.	51.	1.
2662	0000	-825	37.7178	80.4901	MPO	1.4 ++	2.5 +	9.2 +	1.76 -	0.28	6.38 -	2057.	53.	1.
2663	0000	-827	37.7178	80.4895	MPO	1.5 ++	2.5 +	9.3 +	1.65 -	0.26	6.24 -	2074.	56.	1.
2664	0000	-828	37.7178	80.4889	MMCC	1.5 +	2.3	9.4 +	1.49	0.24	6.21	2057.	56.	1.
2665	0000	-827	37.7178	80.4883	MMCC	1.5 +	2.1	9.0 +	1.40	0.23	6.08	2011.	55.	1.
2666	0000	-826	37.7178	80.4877	MMCC	1.5 +	2.2	8.3	1.47	0.26	5.54	1950.	52.	1.
2667	0000	-826	37.7179	80.4871	MMCC	1.5 +	2.1	7.8	1.41	0.27	5.29	1913.	51.	1.
2668	0000	-828	37.7179	80.4865	MMCC	1.5 +	1.9	7.8	1.29	0.25	5.22	1880.	53.	1.
2669	0000	-827	37.7179	80.4859	MMCC	1.5 +	1.9	8.0	1.30	0.24	5.34	1873.	51.	1.
2670	0000	-826	37.7179	80.4853	MMCC	1.5 +	2.0	8.1	1.30	0.25	5.23	1918.	50.	1.
2671	0000	-828	37.7179	80.4847	MMCC	1.6 +	2.2	8.3	1.34	0.26	5.16	1980.	47.	1.
2672	0000	-828	37.7179	80.4841	MMCC	1.7 +	2.5 +	8.4	1.52	0.30	5.05 -	2053.	49.	1.
2673	0000	-827	37.7179	80.4836	MPO	1.8 ++	2.5 +	8.9	1.42 -	0.28	5.09 --	2095.	53.	1.
2674	0000	-829	37.7179	80.4829	MPO	1.8 ++	2.3	9.5 +	1.28 -	0.24	5.24 --	2108.	54.	1.
2675	0000	-830	37.7179	80.4823	MPO	1.8 ++	2.4 +	9.2 +	1.38 -	0.26	5.24 --	2089.	53.	1.
2676	0000	-830	37.7179	80.4818	MPO	1.8 ++	2.2	9.0 +	1.25 -	0.24	5.16 --	2053.	53.	1.
2677	0000	-829	37.7179	80.4812	MPO	1.7 ++	2.1	8.5	1.28 -	0.25	5.11 --	1986.	53.	1.
2678	0000	-828	37.7179	80.4805	MMCC	1.6 +	2.1	8.2	1.36	0.26	5.23	1902.	54.	1.
2679	0000	-829	37.7179	80.4800	MMCC	1.5 +	1.9	8.2	1.23 -	0.23	5.33	1861.	56.	1.
2680	0000	-830	37.7179	80.4794	MMCC	1.5 +	2.0	8.0	1.29	0.25	5.28	1858.	54.	1.
2681	0000	-830	37.7179	80.4788	MMCC	1.4 +	2.1	8.0	1.46	0.26	5.53	1869.	54.	2.
2682	0000	-831	37.7179	80.4782	MMCC	1.5 +	2.2	7.7	1.50	0.28	5.29	1870.	53.	2.
2683	0000	-832	37.7179	80.4776	MMCC	1.4	2.3	8.0	1.66	0.28	5.83	1851.	54.	2.
2684	0000	-831	37.7179	80.4770	MMCC	1.4	2.2	8.3	1.61	0.27	5.98	1846.	54.	2.
2685	0000	-831	37.7180	80.4764	MMCC	1.4	2.1	8.6	1.51	0.24	6.17	1858.	54.	3.
2686	0000	-833	37.7180	80.4758	MMCC	1.5 +	1.8	9.0 +	1.25 -	0.20 -	6.19	1891.	53.	4.
2687	0000	-833	37.7180	80.4752	MMCC	1.5 +	1.7	9.3 +	1.12 -	0.18 -	6.13	1949.	52.	4.
2688	0000	-832	37.7180	80.4746	MMCC	1.6 +	1.7	9.2 +	1.02 -	0.18 -	5.66	1984.	51.	5.
2689	0000	-833	37.7180	80.4740	MMCC	1.7 +	1.4 -	9.6 +	0.85 -	0.15 --	5.63	2050.	51.	6.
2690	0000	-834	37.7179	80.4734	MMCC	1.8 +	1.4 -	9.6 +	0.74 --	0.14 --	5.25	2104.	50.	8.
2691	0000	-834	37.7179	80.4728	MMCC	1.9 +	1.4 -	9.9 +	0.72 --	0.14 --	5.21	2144.	51.	8.
2692	0000	-834	37.7179	80.4722	MMCC	1.9 +	1.3 -	9.3 +	0.70 --	0.14 --	4.89 -	2144.	50.	9.
2693	0000	-834	37.7179	80.4716	MMCC	1.9 +	1.5 -	9.2 +	0.79 -	0.16 -	4.97 -	2107.	47.	9.
2694	0000	-834	37.7180	80.4710	MMCC	1.8 +	1.4 -	9.4 +	0.75 --	0.15 --	5.15	2096.	47.	10.
2695	0000	-835	37.7180	80.4704	MMCC	1.8 +	1.3 -	9.1 +	0.72 --	0.14 --	4.99 -	2116.	47.	11.
2696	0000	-836	37.7180	80.4698	MMCC	1.8 +	1.4 -	9.0 +	0.78 -	0.16 -	4.90 -	2111.	46.	10.
2697	0000	-837	37.7180	80.4693	MMCC	1.8 +	1.5	8.9 +	0.82 -	0.17 -	4.85 -	2112.	46.	9.
2698	0000	-838	37.7180	80.4687	MMCC	1.9 +	1.5	8.8 +	0.83 -	0.17 -	4.74 -	2133.	47.	8.
2699	0000	-836	37.7180	80.4680	MMCC	1.9 +	1.4 -	9.0 +	0.74 --	0.15 -	4.76 -	2123.	50.	7.
2700	0000	-836	37.7180	80.4675	MMCC	1.9 +	1.6	8.7 +	0.86 -	0.18 -	4.69 -	2092.	51.	6.
2701	0000	-836	37.7180	80.4669	MMCC	1.8 +	1.9	7.9	1.05 -	0.23	4.46 -	1992.	50.	5.
2702	0000	-836	37.7180	80.4663	MMCC	1.6 +	2.1	7.9	1.27	0.26	4.86 -	1895.	52.	3.
2703	0000	-836	37.7180	80.4657	MMCC	1.5 +	2.0	7.7	1.35	0.26	5.17	1794.	53.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-836	37.7180	80.4651	MMCC	1.3	2.1	7.4	1.60	0.29	5.53	1691.	54.	2.
2705	0000	-837	37.7180	80.4645	MG	1.1	2.1	6.6	1.92	0.32	5.97 -	1549.	53.	2.
2706	0000	-839	37.7180	80.4639	MG	0.9	2.3	5.7 -	2.64	0.41	6.47	1425.	52.	2.
2707	0000	-839	37.7180	80.4632	MG	0.7	2.2	5.2 -	3.01	0.42 +	7.14	1321.	53.	4.
2708	0000	-840	37.7180	80.4627	MG	0.6 -	2.0	4.8 -	3.30	0.42 +	7.82	1247.	54.	5.
2709	0000	-841	37.7180	80.4621	MG	0.5 -	2.0	4.6 --	3.60	0.43 +	8.32	1174.	54.	6.
2710	0000	-840	37.7180	80.4615	MG	0.5 -	1.9	4.3 --	4.14 +	0.44 +	9.30	1123.	54.	6.
2711	0000	-840	37.7180	80.4608	MG	0.5 -	1.8	4.2 --	3.99 +	0.43 +	9.28	1086.	55.	7.
2712	0000	-842	37.7180	80.4603	MG	0.4 -	1.8	4.4 --	4.28 +	0.41	10.34 +	1079.	55.	7.
2713	0000	-842	37.7180	80.4597	MG	0.4 -	1.8	4.7 --	4.08 +	0.39	10.49 +	1100.	54.	7.
2714	0000	-341	37.7180	80.4591	MG	0.5 -	1.9	4.8 --	3.91 +	0.40	9.84	1107.	54.	6.
2715	0000	-841	37.7180	80.4585	MG	0.5 -	2.0	5.2 -	3.84	0.38	10.13 +	1122.	56.	5.
2716	0000	-842	37.7180	80.4579	MG	0.5 -	2.0	5.3 -	3.84	0.37	10.26 +	1120.	56.	4.
2717	0000	-843	37.7180	80.4573	MG	0.5 -	2.4	5.0 -	4.45 +	0.47 +	9.49	1127.	56.	3.
2718	0000	-843	37.7180	80.4567	MG	0.5 -	2.6	4.8 -	4.93 +	0.53 +	9.28	1130.	55.	2.
2719	0000	-842	37.7180	80.4561	MG	0.5 -	2.6	4.9 -	4.97 +	0.53 +	9.34	1117.	56.	2.
2720	0000	-844	37.7180	80.4555	MG	0.5 -	2.8	5.0 -	5.77 +	0.56 ++	10.28 +	1100.	57.	1.
2721	0000	-844	37.7181	80.4549	MG	0.5 -	2.8	4.9 -	5.49 +	0.58 ++	9.47	1121.	56.	1.
2722	0000	-844	37.7181	80.4544	MG	0 5 -	2.7	4.7 --	5.15 +	0.59 ++	8.76	1132.	55.	1.
2723	0000	-844	37.7181	80.4537	MG	0.5 -	2.8	4.6 --	5.06 +	0.61 ++	8.35	1151.	55.	2.
2724	0000	-843	37.7181	80.4532	MG	0.5 -	2.5	4.9 -	4.58 +	0.51 +	9.06	1154.	55.	2.
2725	0000	-844	37.7181	80.4525	MG	0.5 -	2.4	5.0 -	4.78 +	0.48 +	10.04	1152.	56.	3.
2726	0000	-844	37.7181	80.4519	MG	0.5 -	2.2	4.8 -	4.48 +	0.47 +	9.57	1175.	55.	3.
2727	0000	-843	37.7181	80.4514	MG	0.5 -	2.1	4.8 --	4.25 +	0.44 +	9.73	1188.	54.	4.
2728	0000	-844	37.7181	80.4507	MG	0.4 -	2.1	4.9 -	4.78 +	0.43 +	11.09 +	1163.	55.	4.
2729	0000	-845	37.7181	80.4501	MG	0.4 --	2.1	4.9 -	5.59 +	0.43 +	13.01 ++	1142.	53.	4.
2730	0000	-846	37.7181	80.4496	MG	0.3 --	2.1	5.1 -	6.08 ++	0.41	14.72 ++	1114.	53.	4.
2731	0000	-846	37.7181	80.4489	MG	0.3 --	2.0	4.8 -	6.02 +	0.42 +	14.47 ++	1084.	55.	5.
2732	0000	-845	37.7181	80.4483	MG	0.3 --	2.1	4.8 --	6.14 ++	0.45 +	13.71 ++	1081.	54.	5.
2733	0000	-845	37.7181	80.4478	MG	0.3 --	2.3	5.1 -	6.63 ++	0.44 +	15.03 ++	1069.	52.	5.
2734	0000	-846	37.7181	80.4472	MG	0.4 --	2.3	5.1 -	6.32 ++	0.46 +	13.74 ++	1073.	53.	5.
2735	0000	-846	37.7181	80.4465	MG	0.3 --	2.3	5.2 -	6.63 ++	0.44 +	15.05 ++	1093.	54.	5.
2736	0000	-846	37.7181	80.4460	MG	0.4 --	2.4	5.2 -	6.61 ++	0.46 +	14.44 ++	1137.	54.	6.
2737	0000	-846	37.7181	80.4454	MG	0.4 --	2.7	5.2 -	7.40 ++	0.51 +	14.56 ++	1169.	54.	7.
2738	0000	-845	37.7181	80.4448	MG	0.4 --	3.0 +	5.6 -	8.32 ++	0.53 +	15.55 ++	1224.	52.	6.
2739	0000	-845	37.7182	80.4442	MG	0.3 --	2.9	5.9 -	8.37 ++	0.49 +	17.21 +++	1254.	52.	8.
2740	0000	-845	37.7182	80.4436	MG	0.4 --	3.0 +	5.5 -	8.24 ++	0.54 +	15.26 ++	1296.	52.	9.
2741	0000	-846	37.7182	80.4430	MG	0.4 --	3.0 +	5.8 -	7.97 ++	0.52 +	15.39 ++	1331.	51.	10.
2742	0000	-847	37.7182	80.4424	MG	0.4 -	3.2 +	6.0 -	7.36 ++	0.53 +	13.79 ++	1395.	48.	10.
2743	0000	-847	37.7182	80.4418	MG	0.4 -	3.2 +	6.1 -	7.78 ++	0.53 +	14.67 ++	1422.	48.	10.
2744	0000	-846	37.7182	80.4412	MG	0.4 -	3.2 +	6.1 -	7.17 ++	0.52 +	13.75 ++	1459.	49.	11.
2745	0000	-845	37.7182	80.4406	MG	0.4 -	2.9	6.1	6.81 ++	0.47 +	14.38 ++	1455.	52.	11.
2746	0000	-845	37.7181	80.4400	MG	0.5 -	2.8	6.3	6.03 +	0.45 +	13.51 ++	1462.	52.	11.
2747	0000	-846	37.7181	80.4395	MG	0.4 -	2.7	6.7	6.09 ++	0.41	14.89 ++	1453.	51.	9.
2748	0000	-847	37.7182	80.4388	MG	0.4 -	2.8	6.7	6.91 ++	0.42 +	16.36 ++	1416.	53.	8.
2749	0000	-847	37.7182	80.4382	MG	0.4 --	2.5	6.6	6.70 ++	0.38	17.56 +++	1352.	56.	7.
2750	0000	-845	37.7182	80.4376	MG	0.4 -	2.3	6.7	5.65 +	0.34	16.44 ++	1312.	57.	7.
2751	0000	-846	37.7182	80.4371	MG	0.4 -	2.0	6.8	4.86 +	0.30	16.19 ++	1284.	57.	7.
2752	0000	-346	37.7182	80.4364	MG	0.5 -	2.1	6.9	3.97 +	0.30	13.05 ++	1323.	55.	7.
2753	0000	-846	37.7182	80.4358	MG	0.6 -	2.0	6.8	3.23	0.30	10.94 +	1374.	53.	6.
2754	0000	-849	37.7182	80.4353	MG	0.8	1.9	7.1	2.54	0.27	9.47	1434.	55.	6.

CP 9 IP 12

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-850	37.7182	80.4347	MG	0.9	1.6 -	7.2	1.73	0.22 -	7.94	1522.	55.	7.
2756	0000	-851	37.7182	80.4340	MG	1.1	1.6 -	7.6	1.51 -	0.21 -	7.15	1625.	53.	7.
2757	0000	-853	37.7182	80.4335	MG	1.2	1.7	7.9	1.47 -	0.22 -	6.63	1737.	51.	6.
2758	0000	-852	37.7182	80.4329	MG	1.4 +	1.7 -	8.6 +	1.23 -	0.20 -	6.23	1850.	49.	5.
2759	0000	-851	37.7182	80.4323	MG	1.5 +	1.5 -	9.1 +	0.99 --	0.16 --	6.12 -	1909.	49.	5.
2760	0000	-851	37.7182	80.4317	MG	1.6 ++	1.5 -	9.2 +	0.99 --	0.17 --	5.88 -	1947.	50.	4.
2761	0000	-850	37.7182	80.4311	MMCC	1.6 +	1.7	9.0 +	1.05 -	0.19 -	5.58	1985.	51.	3.
2762	0000	-850	37.7182	80.4305	MMCC	1.7 +	1.9	9.2 +	1.17 -	0.21	5.54	2019.	51.	2.
2763	0000	-851	37.7182	80.4299	MMCC	1.6 +	2.0	8.9 +	1.24 -	0.23	5.48	1985.	53.	2.
2764	0000	-851	37.7182	80.4293	MMCC	1.5 +	2.1	8.7 +	1.34	0.24	5.64	1918.	55.	2.
2765	0000	-850	37.7182	80.4287	MMCC	1.4	2.2	8.1	1.56	0.27	5.75	1839.	56.	2.
2766	0000	-850	37.7182	80.4281	MMCC	1.3	2.3	7.3	1.82	0.31	5.79	1746.	56.	2.
2767	0000	-850	37.7182	80.4275	MMCC	1.1	2.4	7.1	2.12	0.33	6.40	1669.	56.	3.
2768	0000	-850	37.7182	80.4268	MMCC	1.0	2.4	7.0	2.41	0.34	7.03	1605.	56.	3.
2769	0000	-851	37.7182	80.4263	MMCC	0.9	2.3	6.4	2.51	0.36	7.04	1530.	56.	4.
2770	0000	-850	37.7182	80.4257	MMCC	0.8	2.1	6.3	2.54	0.34	7.51	1499.	54.	5.
2771	0000	-851	37.7182	80.4251	MMCC	0.8	2.2	6.1	2.78	0.36	7.71	1481.	52.	5.
2772	0000	-853	37.7182	80.4245	MMCC	0.7	2.1	6.2	2.87	0.35	8.31	1464.	52.	6.
2773	0000	-852	37.7182	80.4239	MMCC	0.7	2.4 +	6.3	3.51 +	0.39 +	9.05	1459.	52.	5.
2774	0000	-852	37.7182	80.4233	MMCC	0.6	2.5 +	6.1	3.94 +	0.40 +	9.74	1416.	54.	5.
2775	0000	-853	37.7183	80.4228	MMCC	0.5 -	2.5 +	5.7 -	4.58 +	0.44 +	10.34	1349.	54.	4.
2776	0000	-852	37.7183	80.4221	MMCC	0.4 -	2.6 +	5.9	5.89 ++	0.44 +	13.49 +	1304.	53.	3.
2777	0000	-849	37.7183	80.4215	MMCC	0.4 --	2.7 +	5.8	7.66 ++	0.47 +	16.30 +	1269.	53.	3.
2778	0000	-848	37.7183	80.4210	MMCC	0.3 --	2.6 +	5.9	8.17 ++	0.45 +	18.24 ++	1235.	54.	4.
2779	0000	-848	37.7183	80.4203	MMCC	0.3 --	2.6 +	5.9	8.13 ++	0.44 +	18.45 ++	1215.	53.	4.
2780	0000	-849	37.7183	80.4197	MMCC	0.3 --	2.4	6.0	7.48 ++	0.41 +	18.44 ++	1199.	54.	5.
2781	0000	-851	37.7182	80.4192	MMCC	0.3 --	2.3	6.1	7.34 ++	0.37 +	19.69 ++	1185.	56.	6.
2782	0000	-850	37.7182	80.4185	MMCC	0.3 --	2.1	6.4	6.10 ++	0.33	18.64 ++	1204.	55.	7.
2783	0000	-848	37.7182	80.4180	MMCC	0.4 -	2.0	6.7	4.98 +	0.30	16.38 +	1232.	58.	8.
2784	0000	-850	37.7182	80.4174	MMCC	0.5 -	2.1	6.7	4.74 +	0.32	14.90 +	1265.	57.	7.
2785	0000	-852	37.7182	80.4168	MMCC	0.5 -	2.1	6.8	4.26 +	0.31	13.88 +	1295.	59.	8.
2786	0000	-851	37.7182	80.4163	MMCC	0.5 -	2.2	7.1	4.22 +	0.30	13.90 +	1323.	59.	8.
2787	0000	-851	37.7182	80.4157	MMCC	0.6 -	2.0	7.3	3.55 +	0.28	12.82 +	1353.	57.	8.
2788	0000	-853	37.7182	80.4152	MMCC	0.7	2.2	7.3	3.39 +	0.30	11.19 +	1403.	52.	8.
2789	0000	-853	37.7182	80.4146	MMCC	0.7	2.3	7.3	3.35	0.32	10.57	1430.	52.	8.
2790	0000	-852	37.7182	80.4140	MMCC	0.7	2.1	7.2	3.18	0.29	10.94	1406.	49.	8.
2791	0000	-852	37.7182	80.4135	MMCC	0.6	1.9	7.3	3.05	0.26	11.63 +	1371.	47.	9.
2792	0000	-852	37.7182	80.4129	MMCC	0.6	1.5	7.5	2.45	0.21	11.91 +	1322.	46.	9.
2793	0000	-851	37.7182	80.4123	MMCC	0.6	1.4 -	6.9	2.13	0.20 -	10.86	1273.	49.	9.
2794	0000	-852	37.7182	80.4118	MMCC	0.6 -	1.3 -	6.4	2.21	0.20 -	11.06	1221.	51.	9.
2795	0000	-853	37.7182	80.4112	MMCC	0.5 -	1.1 --	6.4	2.11	0.18 -	11.72 +	1188.	55.	8.
2796	0000	-852	37.7182	80.4107	MMCC	0.5 -	1.1 --	6.4	1.95	0.17 -	11.80 +	1162.	57.	8.
2797	0000	-852	37.7182	80.4102	MMCC	0.6 -	1.2 -	6.3	2.15	0.19 -	11.16 +	1173.	57.	6.
2798	0000	-853	37.7182	80.4096	MMCC	0.6 -	1.1 --	6.5	1.80	0.17 -	10.82	1196.	60.	6.
2799	0000	-85[redacted]	37.7182	80.4090	MMCC	0.6	1.5 -	6.1	2.37	0.24	10.00	1233.	61.	5.
2800	0000	-8[redacted]	37.7182	80.4085	MMCC	0.6 -	1.6	6.5	2.66	0.25	10.84	1287.	58.	5.
2801	0000	-85[redacted]	37.7182	80.4080	MMCC	0.7	1.8	6.9	2.53	0.25	9.96	1359.	57.	4.
2802	0000	-852	37.7182	80.4073	MMCC	0.7	1.7	7.3	2.57	0.24	10.82	1412.	56.	4.
2803	0000	-852	37.7182	80.4068	MMCC	0.7	1.7	7.7	2.40	0.22	10.74	1464.	54.	4.
2804	0000	-852	37.7182	80.4063	MMCC	0.7	1.8	7.8	2.51	0.23	10.79	1495.	56.	5.
2805	0000	-852	37.7182	80.4057	MMCC	0.7	2.1	8.0	2.98	0.26	11.33 +	1531.	55.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-852	37.7181	80.4051	MMCC	0.7	2.2	8.4	3.03	0.26	11.61 +	1597.	55.	5.
2807	0000	-852	37.7181	80.4046	MPO	0.7	2.4	9.1 +	3.35	0.26	13.03	1647.	57.	4.
2808	0000	-852	37.7181	80.4040	MPO	0.6	2.5 +	10.1 +	3.97	0.25	15.79 +	1698.	56.	4.
2809	0000	-852	37.7181	80.4034	MPO	0.7	2.7 +	10.4 +	4.14 +	0.26	15.85 +	1740.	56.	3.
2810	0000	-851	37.7181	80.4029	MPO	0.6	2.8 +	11.3 +	4.61 +	0.24	18.88 ++	1776.	58.	2.
2811	0000	-852	37.7181	80.4024	MPO	0.6	2.9 +	11.8 +	4.90 +	0.25	19.84 ++	1814.	56.	1.
2812	0000	-854	37.7181	80.4018	MPO	0.6	2.7 +	12.0 +	4.51 +	0.23	19.85 ++	1824.	56.	1.
2813	0000	-853	37.7181	80.4013	MPO	0.6	2.8 +	12.2 +	5.13 +	0.23	22.07 ++	1788.	58.	0.
2814	0000	-852	37.7181	80.4007	MPO	0.5	2.9 +	11.6 +	5.36 +	0.25	21.38 ++	1740.	58.	0.
2815	0000	-853	37.7181	80.4001	MPO	0.6	2.8 +	10.8 +	4.97 +	0.26	19.46 ++	1672.	58.	0.
2816	0000	-851	37.7181	80.3996	MPO	0.6	2.7 +	10.7 +	4.92 +	0.26	19.12 ++	1622.	57.	0.
2817	0000	-852	37.7181	80.3990	MPO	0.6	2.9 +	9.8 +	5.12 +	0.30	17.15 +	1592.	59.	1.
2818	0000	-854	37.7181	80.3984	MPO	0.5	2.8 +	9.5 +	5.30 +	0.30	17.76 +	1575.	61.	1.
2819	0000	-852	37.7181	80.3979	MPO	0.6	2.8 +	9.0 +	4.77 +	0.31	15.23 +	1579.	59.	1.
2820	0000	-852	37.7181	80.3974	MPO	0.6	2.6 +	8.4	4.16 +	0.31	13.56 +	1579.	60.	2.
2821	0000	-853	37.7181	80.3968	MPO	0.6	2.4 +	8.2	3.77	0.30	12.68	1582.	62.	2.
2822	0000	-853	37.7181	80.3962	MPO	0.6	2.3	8.4	3.69	0.28	13.19	1595.	63.	2.
2823	0000	-851	37.7181	80.3957	MPO	0.6	2.4	8.2	3.72	0.29	12.81	1599.	65.	2.
2824	0000	-851	37.7181	80.3951	MPO	0.7	2.2	8.5	3.10	0.26	11.93	1612.	63.	2.
2825	0000	-850	37.7180	80.3946	MPO	0.8	2.2	8.6	2.84	0.25	11.34	1625.	65.	2.
2826	0000	-851	37.7180	80.3940	MPO	0.8	2.2	8.8	2.91	0.25	11.60	1619.	66.	2.
2827	0000	-852	37.7180	80.3935	MPO	0.8	2.2	9.1 +	2.64	0.25	10.76	1652.	64.	2.
2828	0000	-852	37.7180	80.3929	MPO	0.9	2.2	9.0 +	2.45	0.24	10.01	1677.	65.	2.
2829	0000	-852	37.7180	80.3924	MPO	1.0 +	2.3	9.1 +	2.34	0.25	9.35	1686.	64.	1.
2830	0000	-853	37.7180	80.3918	MPO	1.0 +	2.1	8.8	2.17	0.24	8.93	1697.	63.	1.
2831	0000	-852	37.7180	80.3912	MPO	0.9	2.3	9.0	2.46	0.26	9.63	1686.	63.	1.
2832	0000	-851	37.7180	80.3907	MPO	1.0	2.3	8.9	2.36	0.25	9.33	1667.	61.	1.
2833	0000	-851	37.7180	80.3902	MPO	0.9	2.3	8.5	2.50	0.27	9.17	1642.	61.	1.
2834	0000	-852	37.7180	80.3895	MPO	0.8	2.4 +	8.3	2.90	0.29	9.91	1603.	60.	1.
2835	0000	-852	37.7180	80.3890	MPO	0.8	2.5 +	8.6	3.01	0.29	10.51	1589.	58.	1.
2836	0000	-850	37.7180	80.3885	MPO	0.8	2.4	8.4	2.97	0.28	10.50	1608.	58.	2.
2837	0000	-848	37.7180	80.3879	MPO	0.9	2.2	8.9	2.44	0.25	9.71	1671.	59.	3.
2838	0000	-849	37.7180	80.3873	MPO	1.0 +	2.4	8.4	2.34	0.28	8.23	1740.	56.	4.
2839	0000	-850	37.7180	80.3868	MPO	1.1 +	2.4 +	8.4	2.22	0.29	7.74	1800.	56.	5.
2840	0000	-851	37.7180	80.3863	DCH	1.2	2.3	9.2	2.00	0.25	7.99	1877.	56.	6.
2841	0000	-850	37.7180	80.3857	DCH	1.2	2.2	9.8	1.77	0.22	8.03	1930.	57.	6.
2842	0000	-849	37.7180	80.3852	DCH	1.3	2.1	9.9	1.66	0.22	7.63	1977.	58.	7.
2843	0000	-850	37.7180	80.3846	DCH	1.3	2.5	9.8	1.93	0.26	7.50	2014.	57.	7.
2844	0000	-851	37.7180	80.3840	DCH	1.3	2.8 +	9.5	2.23	0.30	7.54	2003.	55.	5.
2845	0000	-849	37.7179	80.3835	DCH	1.3	2.6	9.7	2.02	0.26	7.61	1990.	56.	5.
2846	0000	-848	37.7179	80.3829	DCH	1.3	2.4	9.8	1.88	0.24 -	7.75	1984.	56.	4.
2847	0000	-848	37.7179	80.3823	DCH	1.3	2.4	9.6	1.89	0.25	7.43	2005.	55.	4.
2848	0000	-848	37.7179	80.3819	DCH	1.3	2.5	10.0	1.90	0.25	7.66	2048.	54.	4.
2849	0000	-847	37.7179	80.3812	DCH	1.3	2.6	10.2	1.95	0.25	7.67	2080.	52.	4.
2850	0000	-847	37.7179	80.3807	DCH	1.4 +	2.3	11.0	1.65	0.21	7.93	2093.	53.	4.
2851	0000	-848	37.7179	80.3801	DCH	1.4 +	2.1	11.3 +	1.46	0.19 -	7.84	2109.	54.	4.
2852	0000	-848	37.7179	80.3796	DCH	1.4 +	2.2	11.4 +	1.54	0.19 -	8.15	2100.	53.	5.
2853	0000	-848	37.7179	80.3790	DCH	1.4 +	2.2	11.2 +	1.54	0.19	7.90	2096.	52.	5.
2854	0000	-847	37.7179	80.3785	DCH	1.4 +	2.1	11.3 +	1.46 -	0.18 -	8.03	2076.	51.	5.
2855	0000	-847	37.7179	80.3779	DCH	1.5 +	2.2	10.9	1.48	0.20	7.49	2054.	55.	5.
2856	0000	-846	37.7179	80.3773	DCH	1.5 +	1.9	11.1 +	1.25 -	0.17 -	7.39	2052.	55.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-845	37.7178	80.3768		DCH	1.5 +	1.8	11.0 +	1.17 -	0.16 -	7.32	2087.	54.	3.
2858	0000	-845	37.7178	80.3763		DCH	1.6 +	1.9	11.7 +	1.16 -	0.16 -	7.28	2169.	51.	3.
2859	0000	-845	37.7178	80.3757		DCH	1.8 ++	1.9	11.9 +	1.10 -	0.16 -	6.77	2204.	50.	2.
2860	0000	-845	37.7178	80.3751		DCH	1.7 ++	2.0	11.9 +	1.14 -	0.17 -	6.82	2193.	52.	1.
2861	0000	-844	37.7178	80.3746		DCH	1.7 ++	2.2	11.2 +	1.27 -	0.20	6.43	2164.	51.	0.
2862	0000	-845	37.7178	80.3740		DCH	1.7 +	2.2	10.8	1.29 -	0.20	6.45	2132.	48.	0.
2863	0000	-845	37.7178	80.3734		DCH	1.6 +	2.4	10.8	1.53	0.22	6.84	2067.	50.	0.
2864	0000	-845	37.7178	80.3729		DCH	1.5 +	2.6	9.9	1.76	0.26	6.70	1972.	52.	0.
2865	0000	-845	37.7178	80.3723		DCH	1.4 +	2.4	9.3	1.80	0.26	6.89	1840.	53.	0.
2866	0000	-845	37.7178	80.3718		DCH	1.2	2.2	9.1	1.75	0.24	7.35	1774.	55.	0.
2867	0000	-844	37.7178	80.3712		DCH	1.2	2.2	9.6	1.79	0.23	7.79	1797.	57.	0.
2868	0000	-844	37.7178	80.3707		DCH	1.3	2.2	10.4	1.66	0.21	8.03	1850.	58.	0.
2869	0000	-844	37.7178	80.3701		DCH	1.4 +	2.0	11.0 +	1.43 -	0.18 -	7.84	1909.	58.	1.
2870	0000	-843	37.7178	80.3696		DCH	1.4 +	2.1	11.3 +	1.48	0.19 -	7.83	1985.	57.	1.
2871	0000	-842	37.7178	80.3690		DCH	1.5 +	2.2	11.8 +	1.46 -	0.18 -	7.92	2052.	55.	1.
2872	0000	-842	37.7178	80.3684		DCH	1.5 +	2.3	11.5 +	1.57	0.20	7.79	2073.	56.	1.
2873	0000	-841	37.7178	80.3679		DCH	1.5 +	2.5	11.5 +	1.68	0.22	7.60	2089.	56.	1.
2874	0000	-843	37.7178	80.3674		DCH	1.6 +	2.5	10.8	1.59	0.23	6.98	2059.	55.	1.
2875	0000	-843	37.7177	80.3668		DCH	1.5 +	2.3	9.8	1.58	0.24	6.59	1985.	56.	1.
2876	0000	-840	37.7177	80.3662		DCH	1.4 +	2.5	9.3	1.77	0.27	6.63	1917.	56.	1.
2877	0000	-840	37.7177	80.3657		DCH	1.4 +	2.2	8.4	1.56	0.26	5.99 -	1846.	56.	1.
2878	0000	-841	37.7177	80.3651		DCH	1.4 +	2.1	8.0	1.51	0.26	5.82 -	1770.	56.	1.
2879	0000	-840	37.7177	80.3646		DCH	1.3	1.9	7.7	1.40 -	0.24	5.80 -	1690.	57.	0.
2880	0000	-840	37.7177	80.3640		DCH	1.2	1.8	7.4	1.42 -	0.24	5.94 -	1615.	58.	1.
2881	0000	-841	37.7177	80.3635		DCH	1.1	1.8	6.9	1.62	0.26	6.14 -	1542.	56.	0.
2882	0000	-841	37.7177	80.3629		DCH	1.1	2.1	7.0	1.92	0.30	6.49	1534.	55.	0.
2883	0000	-843	37.7177	80.3624		DCH	1.1	2.0	7.1	1.88	0.28	6.56	1537.	57.	0.
2884	0000	-843	37.7177	80.3618		DCH	1.1	2.2	7.2	1.95	0.30	6.46	1585.	56.	0.
2885	0000	-842	37.7177	80.3612		DCH	1.1	2.1	7.3	1.86	0.29	6.39	1602.	59.	1.
2886	0000	-843	37.7177	80.3606		DCH	1.2	2.3	7.4	1.94	0.31	6.15 -	1553.	59.	2.
2887	0000	-842	37.7177	80.3602		DCH	1.3	2.3	7.5	1.84	0.31	5.96 -	1727.	59.	3.
2888	0000	-840	37.7177	80.3595		DCH	1.3	2.3	8.0	1.74	0.28	6.15 -	1811.	61.	5.
2889	0000	-842	37.7177	80.3590		DCH	1.4 +	2.1	8.3	1.53	0.25	6.01 -	1886.	60.	6.
2890	0000	-843	37.7176	80.3585		DCH	1.4 +	2.3	8.6	1.59	0.26	6.00 -	1952.	59.	7.
2891	0000	-841	37.7176	80.3579		DCH	1.4 +	2.3	8.9	1.62	0.25	6.41	1965.	59.	9.
2892	0000	-841	37.7176	80.3573		DCH	1.4 +	2.4	9.7	1.71	0.24	7.03	2022.	55.	9.
2893	0000	-841	37.7176	80.3568		DCH	1.4 +	2.1	10.2	1.51	0.21	7.35	2042.	54.	10.
2894	0000	-841	37.7176	80.3562		DCH	1.4 +	2.2	10.4	1.58	0.21	7.57	2053.	55.	10.
2895	0000	-841	37.7176	80.3557		DCH	1.4 +	2.3	10.4	1.63	0.22	7.47	2048.	51.	9.
2896	0000	-842	37.7176	80.3552		DCH	1.3 +	2.1	10.7	1.56	0.20	7.98	2000.	53.	9.
2897	0000	-843	37.7176	80.3546		DCH	1.3	1.9	10.1	1.53	0.19 -	8.03	1928.	53.	9.
2898	0000	-843	37.7176	80.3540		DCH	1.2	1.9	9.9	1.53	0.19 -	8.18	1881.	53.	8.
2899	0000	-842	37.7176	80.3535		DCH	1.1	1.9	9.1	1.64	0.21	7.98	1824.	57.	7.
2900	0000	-843	37.7176	80.3529		DCH	1.1	1.8	9.1	1.66	0.20	8.24	1787.	60.	5.
2901	0000	-843	37.7176	80.3523		DCH	1.1	2.0	9.1	1.87	0.22	8.63	1736.	59.	4.
2902	0000	-843	37.7176	80.3517		DCH	1.0	1.9	8.7	1.93	0.21	9.05	1664.	62.	4.
2903	0000	-842	37.7176	80.3512		DCH	0.9	2.0	8.3	2.26	0.23	9.62	1590.	64.	3.
2904	0000	-843	37.7176	80.3506		DCH	0.8	2.0	7.8	2.42	0.26	9.30	1516.	62.	3.
2905	0000	-843	37.7176	80.3501		DCH	0.8	2.0	7.4	2.55	0.27	9.53	1426.	63.	2.
2906	0000	-842	37.7175	80.3496		DCH	0.7	1.8	7.3	2.41	0.24	10.02	1340.	59.	2.
2907	0000	-843	37.7175	80.3490		DCH	0.6	2.0	6.6	3.14	0.30	10.53	1251.	60.	3.

CP 9 1P 12

CP 9 1P 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-842	37.7175	80.3484	DCH	0.6 -	1.7	5.8	2.96	0.29	10.30	1187.	62.	4.
2909	0000	-841	37.7175	80.3479	DCH	0.5 -	1.8	5.4 -	3.32	0.33	10.20	1149.	60.	4.
2910	0000	-842	37.7175	80.3474	DCH	0.5 -	1.7	5.0 -	3.11	0.33 +	9.43	1131.	58.	5.
2911	0000	-841	37.7175	80.3468	DCH	0.5 -	1.6	5.5	3.34	0.29	11.40	1131.	59.	4.
2912	0000	-840	37.7175	80.3463	DCH	0.4 -	1.7	5.5	3.73 +	0.30	12.25	1149.	59.	5.
2913	0000	-840	37.7175	80.3457	DCH	0.5 -	1.8	5.8	3.93 +	0.31	12.59	1184.	60.	4.
2914	0000	-841	37.7175	80.3451	DCH	0.5 -	2.0	5.9	3.99 +	0.33 +	12.09	1219.	56.	3.
2915	0000	-841	37.7175	80.3446	MPO	0.5	2.2	6.1	4.33 +	0.36	12.08	1236.	55.	2.
2916	0000	-842	37.7175	80.3440	MPO	0.5	2.2	6.6	4.02	0.33	12.21	1260.	55.	2.
2917	0000	-842	37.7175	80.3434	MPO	0.5	2.1	6.8	4.03	0.32	12.65	1266.	53.	2.
2918	0000	-841	37.7175	80.3429	MPO	0.6	2.1	6.7	3.50	0.31	11.34	1270.	54.	2.
2919	0000	-841	37.7175	80.3423	MPO	0.6	2.0	6.7	3.40	0.30	11.40	1282.	52.	3.
2920	0000	-841	37.7175	80.3418	DCH	0.7	1.9	6.7	2.96	0.29	10.35	1319.	51.	3.
2921	0000	-841	37.7175	80.3412	DCH	0.8	1.8	6.8	2.32	0.26	8.87	1378.	53.	5.
2922	0000	-842	37.7175	80.3407	DCH	0.8	1.7	7.1	2.04	0.24	8.53	1444.	51.	5.
2923	0000	-842	37.7175	80.3401	DCH	0.9	1.7	6.8	1.99	0.25	7.84	1473.	51.	7.
2924	0000	-841	37.7175	80.3396	DCH	0.9	1.7	6.9	1.79	0.24	7.33	1515.	54.	7.
2925	0000	-842	37.7175	80.3390	DCH	1.0	1.8	7.1	1.83	0.25	7.37	1569.	54.	8.
2926	0000	-843	37.7174	80.3384	DCH	1.0	1.5	7.3	1.47	0.21	6.98	1581.	55.	9.
2927	0000	-842	37.7174	80.3379	DCH	1.0	1.6	6.7	1.55	0.24	6.41	1553.	57.	10.
2928	0000	-840	37.7174	80.3374	DCH	0.9	1.6	6.9	1.74	0.24	7.36	1503.	58.	10.
2929	0000	-840	37.7174	80.3367	DCH	0.9	1.5	7.0	1.75	0.22	8.03	1454.	59.	10.
2930	0000	-840	37.7174	80.3362	DCH	0.8	1.4	7.5	1.70	0.19 -	9.01	1457.	60.	10.
2931	0000	-839	37.7174	80.3357	DCH	0.8	1.8	8.2	2.39	0.22	10.71	1510.	59.	8.
2932	0000	-839	37.7174	80.3351	DCH	0.7	2.1	8.6	2.97	0.25	12.09	1545.	60.	7.
2933	0000	-839	37.7174	80.3345	DCH	0.6	2.6	9.0	4.15 +	0.29	14.24 +	1587.	61.	5.
2934	0000	-839	37.7174	80.3340	DCH	0.5 -	2.7	9.6	4.90 +	0.28	17.68 +	1588.	60.	4.
2935	0000	-840	37.7174	80.3335	DCH	0.5 -	2.8 +	9.6	5.28 ++	0.29	18.45 ++	1579.	61.	2.
2936	0000	-838	37.7174	80.3329	DCH	0.5 -	2.8 +	9.1	5.53 ++	0.31	17.76 +	1543.	61.	2.
2937	0000	-839	37.7174	80.3323	DCH	0.5 -	2.8 +	8.4	5.51 ++	0.33 +	16.63 +	1469.	62.	2.
2938	0000	-840	37.7174	80.3318	DCH	0.5 -	2.6	7.5	5.52 ++	0.34 +	16.24 +	1343.	64.	3.
2939	0000	-839	37.7174	80.3312	DCH	0.4 -	2.3	7.0	5.30 ++	0.32	16.45 +	1233.	64.	4.
2940	0000	-840	37.7174	80.3306	DCH	0.4 -	1.9	6.5	4.73 +	0.29	16.50 +	1165.	65.	5.
2941	0000	-840	37.7174	80.3302	DCH	0.5 -	1.6	6.6	3.54 +	0.24	14.52 +	1162.	65.	6.
2942	0000	-838	37.7174	80.3295	DCH	0.5 -	1.5	7.1	3.11	0.21	14.91 +	1209.	65.	7.
2943	0000	-840	37.7174	80.3290	DCH	0.5 -	1.6	7.8	3.35	0.21	15.74 +	1306.	66.	8.
2944	0000	-842	37.7174	80.3285	DCH	0.6 -	1.9	8.6	3.32	0.22	15.05 +	1448.	63.	8.
2945	0000	-839	37.7173	80.3279	DCH	0.7	1.9	9.3	2.72	0.21	13.18 +	1581.	61.	8.
2946	0000	-838	37.7173	80.3273	DCH	0.8	2.0	9.7	2.47	0.21	11.93	1683.	58.	8.
2947	0000	-838	37.7173	80.3268	MPO	0.9	2.2	10.0 +	2.44	0.22	11.21	1755.	57.	7.
2948	0000	-836	37.7173	80.3262	MPO	1.0 +	2.3	9.7 +	2.32	0.24	9.86	1816.	55.	6.
2949	0000	-836	37.7173	80.3257	MPO	1.1 +	2.4	9.7 +	2.10	0.24	8.62	1854.	53.	5.
2950	0000	-838	37.7173	80.3251	MPO	1.2 +	2.0	9.7 +	1.62 -	0.20	7.95	1871.	53.	5.
2951	0000	-838	37.7173	80.3246	MPO	1.2 +	1.9	9.9 +	1.55 -	0.19 -	8.17	1880.	53.	4.
2952	0000	-838	37.7173	80.3240	DCH	1.2	2.1	10.0	1.71	0.21	8.18	1902.	55.	3.
2953	0000	-837	37.7173	80.3234	DCH	1.3	2.1	9.8	1.61	0.21	7.66	1955.	56.	4.
2954	0000	-836	37.7173	80.3229	DCH	1.4 +	2.3	9.9	1.60	0.23	6.97	2036.	56.	3.
2955	0000	-836	37.7173	80.3223	DCH	1.5 +	2.5	10.0	1.74	0.25	6.85	2106.	56.	3.
2956	0000	-837	37.7173	80.3217	DCH	1.5 +	2.6	10.0	1.80	0.26	6.84	2157.	57.	4.
2957	0000	-836	37.7173	80.3212	DCH	1.5 +	3.0 +	9.8	2.02	0.31	6.49	2202.	57.	4.
2958	0000	-835	37.7173	80.3206	DCH	1.5 +	3.0 +	9.7	1.97	0.31	6.27	2209.	57.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80. DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-835	37.7173	80.3201	DCH	1.6 +	2.8 +	9.6	1.80	0.30	5.88 -	2205.	56.	5.
2960	0000	-835	37.7173	80.3195	DCH	1.6 +	2.9 +	9.6	1.86	0.30	6.00 -	2200.	56.	5.
2961	0000	-835	37.7173	80.3190	DCH	1.5 +	2.7 +	9.6	1.77	0.28	6.32	2191.	56.	5.
2962	0000	-836	37.7172	80.3184	DCH	1.6 +	2.5	10.1	1.59	0.25	6.31	2189.	56.	5.
2963	0000	-835	37.7172	80.3179	DCH	1.7 +	2.7	9.7	1.62	0.28	5.88 -	2193.	56.	5.
2964	0000	-834	37.7172	80.3173	DCH	1.6 +	2.4	9.9	1.48	0.24	6.25 -	2179.	54.	5.
2965	0000	-835	37.7172	80.3168	DCH	1.7 +	2.5	10.0	1.46	0.25	5.88 -	2186.	53.	6.
2966	0000	-835	37.7172	80.3163	DCH	1.7 +	2.3	10.1	1.39 -	0.23	6.05 -	2202.	51.	6.
2967	0000	-835	37.7172	80.3157	DCH	1.7 ++	2.2	10.2	1.29 -	0.22	5.88 -	2203.	49.	6.
2968	0000	-835	37.7172	80.3152	DCH	1.7 ++	2.0	9.9	1.12 -	0.20	5.57 -	2184.	49.	6.
2969	0000	-835	37.7172	80.3147	DCH	1.7 ++	2.0	9.8	1.18 -	0.21	5.72 -	2155.	49.	7.
2970	0000	-835	37.7172	80.3142	DCH	1.6 +	1.7	10.4	1.06 -	0.17 -	6.24	2115.	49.	7.
2971	0000	-836	37.7172	80.3137	DCH	1.6 +	1.8	10.5	1.14 -	0.17 -	6.69	2088.	50.	6.
2972	0000	-836	37.7172	80.3132	DCH	1.5 +	1.8	10.2	1.17 -	0.18 -	6.66	2042.	53.	6.
2973	0000	-836	37.7172	80.3127	DCH	1.5 +	1.6	9.8	1.04 -	0.16 -	6.44	1995.	54.	5.
2974	0000	-835	37.7172	80.3122	DCH	1.5 +	1.7	10.1	1.20 -	0.17 -	6.96	1924.	56.	5.
2975	0000	-834	37.7172	80.3117	DCH	1.4 +	1.9	10.0	1.38 -	0.19 -	7.29	1845.	57.	3.
2976	0000	-835	37.7172	80.3112	DCH	1.3	1.8	9.3	1.43 -	0.20	7.22	1763.	59.	2.
2977	0000	-835	37.7173	80.3107	DCH	1.3	1.8	8.8	1.46	0.20	7.02	1693.	60.	2.
2978	0000	-834	37.7173	80.3103	DCH	1.2	1.9	8.5	1.62	0.23	7.09	1656.	58.	1.
2979	0000	-836	37.7173	80.3098	DCH	1.2	2.0	8.4	1.65	0.24	6.98	1664.	58.	1.
2980	0000	-837	37.7172	80.3092	DCH	1.2	1.9	8.6	1.65	0.22	7.26	1691.	60.	1.
2981	0000	-837	37.7172	80.3087	DCH	1.3	2.4	8.8	1.86	0.27	6.83	1787.	58.	1.
2982	0000	-837	37.7172	80.3082	DCH	1.3	2.5	9.3	1.91	0.27	7.24	1875.	58.	2.
2983	0000	-836	37.7172	80.3077	DCH	1.4 +	2.5	9.9	1.76	0.25	6.98	1944.	56.	2.
2984	0000	-836	37.7172	80.3072	DCH	1.4 +	2.6	10.1	1.86	0.26	7.04	1996.	56.	2.
2985	0000	-838	37.7172	80.3067	DCH	1.5 +	2.6	10.2	1.78	0.25	7.03	2003.	55.	3.
2986	0000	-837	37.7172	80.3062	DCH	1.4 +	2.55	9.8	1.80	0.26	7.08	1950.	55.	3.
2987	0000	-837	37.7173	80.3057	DCH	1.3	2.4	9.5	1.86	0.26	7.34	1868.	54.	4.
2988	0000	-838	37.7173	80.3052	DCH	1.2	2.0	9.2	1.72	0.22	7.83	1749.	55.	4.
2989	0000	-836	37.7173	80.3047	DCH	1.0	1.8	8.8	1.86	0.22	8.43	1637.	53.	3.
2990	0000	-834	37.7173	80.3042	DCH	0.9	2.0	8.2	2.29	0.25	9.27	1551.	53.	3.
2991	0000	-834	37.7173	80.3037	DCH	0.8	2.1	7.7	2.54	0.27	9.54	1480.	52.	3.
2992	0000	-834	37.7173	80.3032	DCH	0.7	2.0	7.1	2.78	0.28	9.78	1422.	53.	2.
2993	0000	-835	37.7173	80.3027	DCH	0.7	1.9	7.1	2.73	0.27	10.05	1380.	53.	2.
2994	0000	-836	37.7173	80.3022	DCH	0.7	2.1	6.8	3.06	0.30	10.08	1353.	54.	1.
2995	0000	-835	37.7173	80.3017	DCH	0.7	2.1	6.7	2.99	0.31	9.72	1331.	54.	1.
2996	0000	-834	37.7173	80.3012	DCH	0.7	1.8	6.4	2.56	0.29	8.91	1328.	55.	2.
2997	0000	-834	37.7173	80.3007	DCH	0.8	1.7	6.5	2.18	0.25	8.33	1347.	56.	2.
2998	0000	-834	37.7173	80.3002	DCH	0.9	1.5	7.0	1.68	0.21	8.15	1386.	58.	1.
2999	0000	-835	37.7173	80.2997	DCH	1.0	1.4 -	7.5	1.35 -	0.18 -	7.39	1469.	58.	1.
3000	0000	-835	37.7173	80.2992	DCH	1.1	1.8	8.4	1.68	0.22	7.77	1580.	59.	1.
3001	0000	-835	37.7173	80.2987	DCH	1.3	1.9	9.1	1.49	0.21	7.15	1728.	58.	1.
3002	0000	-835	37.7173	80.2982	DCH	1.4 +	2.2	9.5	1.56	0.23	6.80	1863.	58.	1.
3003	0000	-836	37.7173	80.2977	DCH	1.5 +	2.4	10.1	1.63	0.24	6.79	1963.	57.	1.
3004	0000	-837	37.7173	80.2972	DCH	1.5 +	2.6	10.3	1.72	0.25	6.80	2011.	57.	1.
3005	0000	-836	37.7173	80.2967	DCH	1.5 +	2.8 +	10.3	1.85	0.27	6.86	2038.	55.	1.
3006	0000	-835	37.7173	80.2962	DCH	1.5 +	3.0 +	10.7	2.07	0.28	7.30	2056.	55.	1.
3007	0000	-835	37.7173	80.2957	DCH	1.5 +	3.0 +	10.1	2.00	0.29	6.84	2075.	54.	1.
3008	0000	-834	37.7173	80.2952	DCH	1.4 +	3.1 +	10.2	2.20	0.31	7.17	2081.	53.	2.
3009	0000	-834	37.7173	80.2947	DCH	1.5 +	3.1 +	10.2	2.15	0.31	6.95	2085.	52.	2.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-834	37.7173	80.2942	DCH	1.5 +	3.2 +	9.8	2.14	0.32	6.59	2086.	54.	2.
3011	0000	-834	37.7173	80.2937	DCH	1.6 +	3.3 +	9.9	2.10	0.33 +	6.36	2120.	55.	1.
3012	0000	-836	37.7173	80.2932	DCH	1.7 +	3.2 +	9.8	1.91	0.32	5.95 -	2137.	56.	1.
3013	0000	-835	37.7173	80.2928	DCH	1.6 +	3.1 +	9.3	1.89	0.33 +	5.65 -	2141.	56.	1.
3014	0000	-833	37.7173	80.2922	DCH	1.7 +	2.8 +	9.5	1.68	0.29	5.73 -	2102.	57.	1.
3015	0000	-833	37.7173	80.2917	DCH	1.6 +	2.7	8.8	1.67	0.30	5.52 -	2024.	58.	0.
3016	0000	-833	37.7173	80.2912	DCH	1.5 +	2.6	8.5	1.74	0.30	5.77 -	1944.	61.	0.
3017	0000	-833	37.7173	80.2907	DCH	1.4 +	2.3	8.5	1.62	0.27	5.91 -	1901.	59.	0.
3018	0000	-834	37.7173	80.2902	DCH	1.4 +	2.0	8.4	1.47	0.24	6.06 -	1856.	61.	0.
3019	0000	-834	37.7173	80.2897	DCH	1.3 +	2.1	8.5	1.55	0.25	6.31	1829.	59.	0.
3020	0000	-833	37.7173	80.2892	DCH	1.3	2.1	8.4	1.66	0.25	6.52	1798.	57.	0.
3021	0000	-833	37.7173	80.2887	DCH	1.3	2.2	8.1	1.71	0.27	6.45	1771.	56.	1.
3022	0000	-833	37.7173	80.2882	DCH	1.3	1.9	8.4	1.49	0.22	6.71	1738.	56.	2.
3023	0000	-834	37.7173	80.2877	DCH	1.2	1.7	7.9	1.40 -	0.22	6.39	1687.	56.	3.
3024	0000	-833	37.7173	80.2872	DCH	1.1	1.7	7.6	1.54	0.23	6.74	1639.	56.	4.
3025	0000	-831	37.7173	80.2868	DCH	1.1	1.7	7.5	1.60	0.22	7.12	1594.	53.	5.
3026	0000	-832	37.7173	80.2862	DCH	1.0	1.7	7.2	1.73	0.23	7.45	1557.	56.	6.
3027	0000	-833	37.7173	80.2857	DCH	0.9	1.5	7.0	1.57	0.21	7.54	1505.	58.	8.
3028	0000	-833	37.7173	80.2852	DCH	0.9	1.5	7.0	1.69	0.21	7.96	1464.	59.	7.
3029	0000	-833	37.7174	80.2847	DCH	0.8	1.5	6.7	1.88	0.23	8.19	1430.	59.	7.
3030	0000	-833	37.7174	80.2842	DCH	0.8	1.6	7.0	2.07	0.23	8.98	1416.	57.	6.
3031	0000	-834	37.7174	80.2837	DCH	0.8	1.5	7.1	1.84	0.22	8.53	1392.	59.	6.
3032	0000	-835	37.7174	80.2832	DCH	0.9	1.7	6.8	1.90	0.25	7.74	1404.	60.	5.
3033	0000	-834	37.7174	80.2827	DCH	0.9	1.5	7.0	1.64	0.22	7.45	1430.	58.	4.
3034	0000	-833	37.7174	80.2822	DCH	1.0	1.6	7.2	1.69	0.23	7.44	1458.	58.	3.
3035	0000	-834	37.7174	80.2817	DCH	1.0	1.6	7.4	1.53	0.21	7.18	1491.	60.	3.
3036	0000	-835	37.7174	80.2812	DCH	1.1	1.6	7.6	1.47	0.21	7.06	1539.	60.	3.
3037	0000	-835	37.7173	80.2807	DCH	1.1	1.5	7.6	1.27 -	0.19 -	6.66	1583.	63.	3.
3038	0000	-833	37.7173	80.2803	DCH	1.2	1.6	7.5	1.34 -	0.21	6.29	1659.	61.	4.
3039	0000	-834	37.7173	80.2797	DCH	1.2	1.5	8.2	1.16 -	0.18 -	6.53	1717.	63.	5.
3040	0000	-836	37.7174	80.2792	DCH	1.3 +	1.5	8.8	1.15 -	0.17 -	6.57	1791.	64.	5.
3041	0000	-836	37.7174	80.2787	DCH	1.4 +	1.2 -	9.5	0.84 --	0.13 --	6.59	1840.	65.	6.
3042	0000	-836	37.7174	80.2782	DCH	1.5 +	1.3 -	9.6	0.91 --	0.14 --	6.45	1886.	62.	6.
3043	0000	-837	37.7174	80.2777	DCH	1.6 +	1.3 -	9.9	0.82 --	0.13 --	6.37	1939.	63.	7.
3044	0000	-837	37.7174	80.2772	DCH	1.6 +	1.4 -	10.5	0.87 --	0.13 --	6.57	1992.	63.	6.
3045	0000	-836	37.7174	80.2767	DCH	1.6 +	1.4	10.9	0.91 --	0.13 --	6.84	1999.	63.	7.
3046	0000	-836	37.7174	80.2762	DCH	1.5 +	1.7	10.2	1.14 -	0.17 -	6.82	1974.	60.	7.
3047	0000	-837	37.7174	80.2757	DCH	1.4 +	1.8	9.6	1.23 -	0.18 -	6.77	1916.	58.	7.
3048	0000	-837	37.7174	80.2752	DCH	1.4 +	1.9	8.9	1.38 -	0.22	6.31	1909.	57.	8.
3049	0000	-837	37.7174	80.2747	DCH	1.4 +	1.6	9.0	1.08 -	0.17 -	6.19	1930.	57.	9.
3050	0000	-837	37.7174	80.2742	DCH	1.5 +	1.6	9.1	1.07 -	0.17 -	6.17	1933.	58.	10.
3051	0000	-837	37.7174	80.2737	DCH	1.5 +	1.5	8.8	1.06 -	0.17 -	6.06 -	1933.	56.	11.
3052	0000	-838	37.7174	80.2732	DCH	1.5 +	1.3 -	8.9	0.84 --	0.14 --	5.95 -	1950.	55.	12.
3053	0000	-840	37.7174	80.2727	DCH	1.6 +	1.2 -	9.8	0.74 --	0.12 --	6.21	1994.	55.	12.
3054	0000	-841	37.7174	80.2722	DCH	1.6 +	1.3 -	9.9	0.84 --	0.13 --	6.31	2044.	57.	13.
3055	0000	-840	37.7174	80.2717	DCH	1.6 +	1.2 -	10.5	0.75 --	0.11 ---	6.66	2065.	58.	13.
3056	0000	-840	37.7174	80.2712	DCH	1.5 +	1.4 -	10.9	0.92 --	0.13 --	7.21	2056.	57.	13.
3057	0000	-840	37.7174	80.2707	DCH	1.4 +	1.5	10.9	1.11 -	0.14 --	7.84	2043.	56.	13.
3058	0000	-840	37.7174	80.2702	DCH	1.3	1.6	11.3 +	1.20 -	0.14 --	8.66	2019.	55.	12.
3059	0000	-840	37.7174	80.2698	DCH	1.2	1.8	11.6 +	1.51	0.16 -	9.70	1986.	57.	11.
3060	0000	-840	37.7174	80.2692	DCH	1.1	1.9	11.0	1.73	0.17 -	10.15	1919.	60.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-841	37.7175	80.2687		DCH	1.0	1.8	10.9	1.78	0.17 -	10.64	1844.	61.	9.
3062	0000	-841	37.7175	80.2682		DCH	0.9	2.0	10.3	2.19	0.19 -	11.59	1758.	61.	8.
3063	0000	-840	37.7175	80.2677		DCH	0.8	2.0	9.9	2.58	0.21	12.57	1656.	62.	6.
3064	0000	-840	37.7174	80.2672		DCH	0.7	2.1	9.2	3.08	0.23	13.33 +	1548.	64.	4.
3065	0000	-841	37.7174	80.2667		DCH	0.7	2.1	8.2	3.27	0.26	12.55	1437.	67.	3.
3066	0000	-839	37.7174	80.2662		DCH	0.6	2.1	7.0	3.52 +	0.30	11.85	1313.	66.	2.
3067	0000	-838	37.7174	80.2657		DCH	0.5 -	2.1	6.3	4.05 +	0.33 +	12.16	1208.	64.	1.
3068	0000	-839	37.7174	80.2652		DCH	0.4 -	2.0	5.7	4.48 +	0.35 +	12.77 +	1106.	62.	1.
3069	0000	-840	37.7174	80.2647		DCH	0.4 -	2.0	5.1 -	4.61 +	0.39 +	11.93	1031.	62.	1.
3070	0000	-840	37.7174	80.2642		DCH	0.4 -	1.9	4.7 -	4.90 +	0.41 +	12.03	996.	61.	2.
3071	0000	-840	37.7175	80.2638		DCH	0.4 -	1.6	4.6 -	3.97 +	0.35 +	11.34	998.	60.	4.
3072	0000	-840	37.7175	80.2633		DCH	0.4 -	1.5	5.1 -	3.75 +	0.30	12.57	1047.	59.	7.
3073	0000	-840	37.7175	80.2627		DCH	0.4 -	1.6	5.6	3.63 +	0.29	12.61	1148.	60.	10.
3074	0000	-840	37.7175	80.2622		DCH	0.5 -	1.5	6.8	2.98	0.22	13.55 +	1278.	61.	12.
3075	0000	-841	37.7175	80.2617		DCH	0.6 -	1.5	7.7	2.53	0.19 -	13.42 +	1427.	62.	16.
3076	0000	-841	37.7175	80.2612		DCH	0.6	1.4	8.8	2.35	0.16 -	14.43 +	1561.	60.	18.
3077	0000	-842	37.7175	80.2607		DB-2	0.7 -	1.4 -	9.5	2.03	0.14 --	14.07 ++	1654.	63.	20.
3078	0000	-843	37.7175	80.2602		DB-2	0.7 -	1.7	9.9 +	2.42	0.18 -	13.74 ++	1752.	62.	20.
3079	0000	-842	37.7175	80.2597		DB-2	0.8 -	1.9	10.3 +	2.55	0.19 -	13.63 ++	1846.	61.	18.
3080	0000	-840	37.7175	80.2592		DB-2	0.8 -	2.2	11.1 +	2.81 +	0.19 -	14.49 ++	1929.	61.	16.
3081	0000	-839	37.7174	80.2587		DB-2	0.8 -	2.5	11.8 ++	3.25 +	0.21	15.53 ++	2000.	61.	13.
3082	0000	-839	37.7175	80.2582		DB-2	0.8 -	2.7 +	12.6 ++	3.55 +	0.21	16.53 ++	2085.	61.	10.
3083	0000	-840	37.7175	80.2577		DB-2	0.8 -	3.0 +	13.4 +++	3.99 ++	0.23	17.58 +++	2177.	65.	6.
3084	0000	-840	37.7175	80.2573		DB-2	0.8	3.3 ++	14.0 +++	4.15 ++	0.24	17.43 +++	2255.	63.	4.
3085	0000	-840	37.7175	80.2567		DB-2	0.8	3.2 +	14.1 +++	3.83 +	0.23	16.90 +++	2258.	64.	3.
3086	0000	-840	37.7175	80.2562		DB-2	0.8	3.1 +	13.8 +++	3.90 +	0.23	17.30 +++	2195.	63.	3.
3087	0000	-839	37.7175	80.2557		DB-2	0.7 -	2.7 +	13.1 +++	3.72 +	0.21	17.86 +++	2071.	63.	4.
3088	0000	-840	37.7175	80.2552		DB-2	0.7 -	2.6	11.7 ++	3.50 +	0.22	15.88 ++	1935.	61.	6.
3089	0000	-843	37.7175	80.2547		DCH	0.7	2.4	10.1	3.52 +	0.23	15.11 +	1745.	62.	8.
3090	0000	-844	37.7175	80.2542		DCH	0.6	2.1	8.7	3.32	0.24	13.63 +	1556.	61.	10.
3091	0000	-844	37.7175	80.2537		DCH	0.6	1.6	7.5	2.61	0.21	12.30	1411.	61.	11.
3092	0000	-844	37.7175	80.2532		DCH	0.6 -	1.3 -	7.0	2.22	0.18 -	12.20	1314.	61.	12.
3093	0000	-845	37.7175	80.2527		DCH	0.6	1.2 -	6.6	1.86	0.18 -	10.45	1287.	61.	12.
3094	0000	-845	37.7175	80.2522		DCH	0.6	1.2 -	6.3	1.94	0.19	9.97	1270.	62.	11.
3095	0000	-846	37.7175	80.2517		DCH	0.6	1.1 -	6.5	1.78	0.17 -	10.17	1269.	64.	11.
3096	0000	-846	37.7175	80.2512		DCH	0.6	1.1 -	6.6	1.77	0.17 -	10.19	1264.	63.	10.
3097	0000	-846	37.7175	80.2508		DCH	0.7	1.1 -	6.5	1.75	0.18 -	9.91	1267.	63.	9.
3098	0000	-847	37.7175	80.2502		DCH	0.6	1.6	6.5	2.52	0.25	10.06	1281.	62.	7.
3099	0000	-848	37.7175	80.2497		DCH	0.7	1.9	6.7	2.92	0.29	10.00	1309.	62.	6.
3100	0000	-847	37.7175	80.2492		DCH	0.7	2.0	6.9	2.90	0.29	9.87	1355.	63.	5.
3101	0000	-847	37.7175	80.2487		DCH	0.7	2.2	8.0	3.06	0.28	10.94	1445.	60.	5.
3102	0000	-847	37.7175	80.2482		DCH	0.7	2.6	8.7	3.55 +	0.30	11.95	1566.	59.	4.
3103	0000	-848	37.7175	80.2477		DCH	0.8	2.7 +	10.4	3.53 +	0.26	13.37 +	1755.	58.	3.
3104	0000	-846	37.7175	80.2472		DCH	0.8	3.2 +	12.1 +	3.79 +	0.26	14.52 +	1945.	59.	2.
3105	0000	-846	37.7175	80.2468		DCH	0.9	3.4 ++	14.0 ++	3.86 +	0.24	15.87 +	2140.	61.	2.
3106	0000	-848	37.7175	80.2463		DCH	0.8	3.7 ++	15.4 ++	4.37 +	0.24	18.09 +	2301.	62.	2.
3107	0000	-847	37.7175	80.2457		DCH	0.8	3.9 ++	16.8 +++	4.88 +	0.23	20.84 ++	2404.	61.	1.
3108	0000	-846	37.7175	80.2452		DCH	0.8	3.7 ++	16.4 ++	4.61 +	0.23	20.35 ++	2416.	62.	2.
3109	0000	-848	37.7175	80.2447		DCH	0.8	3.5 ++	16.2 ++	4.62 +	0.22	21.05 ++	2348.	63.	3.
3110	0000	-848	37.7175	80.2442		DCH	0.7	3.3 +	14.7 ++	4.56 +	0.22	20.40 ++	2195.	64.	4.
3111	0000	-847	37.7175	80.2437		DCH	0.7	2.9 +	13.4 +	4.42 +	0.22	20.49 ++	2011.	63.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-847	37.7175	80.2432	DCH	0.6 -	2.4	11.4 +	4.13 +	0.21	19.49 ++	1801.	64.	6.
3113	0000	-846	37.7176	80.2427	DCH	0.6 -	2.4	9.6	4.33 +	0.25	17.18 +	1624.	61.	6.
3114	0000	-846	37.7176	80.2422	DCH	0.5 -	2.1	8.0	3.82 +	0.26	14.56 +	1486.	62.	7.
3115	0000	-847	37.7176	80.2417	MPR-1	0.6	2.3	7.4	4.07 +	0.32	12.83	1436.	60.	7.
3116	0000	-848	37.7176	80.2412	MPR-1	0.7	2.3	6.6	3.16	0.34	9.19	1426.	61.	6.
3117	0000	-848	37.7176	80.2408	MPR-1	0.8	2.5	6.6	3.08	0.38 +	8.12	1463.	60.	5.
3118	0000	-848	37.7175	80.2403	MPR-1	0.9	2.4	7.0	2.70	0.34	7.95	1533.	57.	6.
3119	0000	-849	37.7175	80.2397	MPR-1	1.1	2.3	7.7	2.21	0.30	7.36	1639.	55.	7.
3120	0000	-850	37.7175	80.2392	MPR-1	1.2	2.1	8.6	1.77	0.24	7.39	1742.	56.	8.
3121	0000	-850	37.7175	80.2387	MPR-1	1.2	2.3	8.8	1.89	0.27	7.12	1839.	55.	9.
3122	0000	-850	37.7175	80.2382	MPR-1	1.3	2.1	9.5	1.58	0.22	7.24	1877.	56.	10.
3123	0000	-851	37.7175	80.2377	MPR-1	1.2	1.8	9.9	1.51	0.18 -	8.21	1868.	55.	12.
3124	0000	-852	37.7176	80.2372	MPR-1	1.2	1.6	9.7	1.32 -	0.16 -	8.14	1821.	56.	13.
3125	0000	-852	37.7176	80.2367	MPR-1	1.2	1.4	9.0	1.20 -	0.16 -	7.71	1764.	56.	15.
3126	0000	-852	37.7176	80.2362	MPR-1	1.0	1.5	8.4	1.55	0.18 -	8.74	1667.	54.	15.
3127	0000	-852	37.7176	80.2357	MPR-1	0.9	1.2 -	7.9	1.31 -	0.15 --	8.58	1569.	53.	15.
3128	0000	-852	37.7176	80.2352	MPR-1	0.8	0.9 -	7.8	1.09 -	0.12 --	9.28	1470.	56.	15.
3129	0000	-852	37.7176	80.2347	MPR-1	0.7	1.1 -	7.4	1.54	0.15 --	10.07	1431.	56.	13.
3130	0000	-852	37.7176	80.2342	MPR-1	0.8	1.3 -	7.0	1.71	0.19 -	9.09	1453.	55.	12.
3131	0000	-854	37.7176	80.2338	DCH	0.8	1.8	8.0	2.37	0.22	10.56	1529.	54.	10.
3132	0000	-854	37.7176	80.2332	DCH	0.8	2.0	8.6	2.69	0.24	11.35	1627.	54.	8.
3133	0000	-854	37.7176	80.2327	DCH	0.8	2.5	9.4	3.16	0.27	11.84	1737.	55.	6.
3134	0000	-854	37.7176	80.2322	DCH	0.8	2.7	9.8	3.27	0.27	12.04	1794.	57.	4.
3135	0000	-854	37.7176	80.2317	DCH	0.8	3.0 +	9.7	3.87 +	0.31	12.39	1825.	54.	3.
3136	0000	-855	37.7176	80.2312	DCH	0.8	2.8 +	10.0	3.38 +	0.28	11.99	1829.	54.	2.
3137	0000	-855	37.7176	80.2307	DCH	0.8	2.9 +	10.1	3.75 +	0.29	12.95 +	1801.	55.	2.
3138	0000	-855	37.7176	80.2302	DCH	0.8	2.8 +	9.4	3.73 +	0.30	12.34	1747.	57.	2.
3139	0000	-857	37.7176	80.2297	DCH	0.7	2.8 +	8.6	4.10 +	0.33 +	12.43	1661.	57.	2.
3140	0000	-858	37.7176	80.2293	DCH	0.7	2.6	8.1	3.66 +	0.32	11.49	1577.	57.	2.
3141	0000	-858	37.7176	80.2287	DCH	0.7	2.6	7.9	3.80 +	0.32	11.76	1519.	56.	2.
3142	0000	-859	37.7176	80.2282	DCH	0.7	2.3	7.9	3.25	0.29	11.10	1492.	55.	2.
3143	0000	-859	37.7176	80.2277	DCH	0.7	2.4	7.5	3.39 +	0.33	10.43	1475.	55.	2.
3144	0000	-859	37.7176	80.2272	DCH	0.7	2.3	7.7	3.11	0.30	10.54	1484.	55.	1.
3145	0000	-860	37.7176	80.2267	DCH	0.8	2.2	7.8	2.57	0.27	9.34	1534.	53.	1.
3146	0000	-861	37.7176	80.2262	DCH	1.0	2.4	8.4	2.44	0.28	8.61	1608.	53.	0.
3147	0000	-862	37.7176	80.2257	DCH	1.1	2.4	8.4	2.26	0.29	7.87	1685.	53.	1.
3148	0000	-863	37.7176	80.2252	DCH	1.1	2.6	8.9	2.37	0.29	8.14	1789.	52.	2.
3149	0000	-861	37.7176	80.2247	DCH	1.1	2.8 +	9.3	2.48	0.30	8.24	1855.	54.	3.
3150	0000	-861	37.7176	80.2242	DCH	1.2	2.5	10.2	2.14	0.25	8.62	1916.	56.	4.
3151	0000	-861	37.7176	80.2237	DCH	1.3	2.6	10.3	1.99	0.25	7.94	1964.	56.	5.
3152	0000	-863	37.7176	80.2233	DCH	1.3	2.5	10.6	1.95	0.24	8.30	1975.	56.	6.
3153	0000	-863	37.7176	80.2227	DCH	1.3	2.4	10.4	1.91	0.23	8.28	1956.	56.	7.
3154	0000	-861	37.7176	80.2222	DCH	1.3	2.1	10.5	1.67	0.20	8.20	1950.	56.	8.
3155	0000	-860	37.7177	80.2217	DCH	1.3 +	2.2	10.2	1.63	0.21	7.61	1924.	55.	7.
3156	0000	-862	37.7177	80.2212	DCH	1.4 +	1.9	10.1	1.33 -	0.19 -	7.10	1914.	55.	7.
3157	0000	-863	37.7177	80.2207	DCH	1.4 +	2.1	9.9	1.51	0.22	6.97	1907.	54.	6.
3158	0000	-864	37.7177	80.2202	DCH	1.4 +	2.2	9.7	1.61	0.23	7.05	1900.	53.	4.
3159	0000	-864	37.7176	80.2197	DCH	1.4 +	2.4	9.6	1.73	0.25	6.92	1911.	54.	3.
3160	0000	-863	37.7176	80.2192	DCH	1.4 +	2.4	9.5	1.70	0.25	6.74	1931.	54.	2.
3161	0000	-864	37.7176	80.2187	DCH	1.4 +	2.5	9.6	1.80	0.26	6.86	1938.	53.	1.
3162	0000	-863	37.7176	80.2182	DCH	1.4 +	2.4	9.9	1.72	0.24	7.01	1954.	54.	0.

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FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-862	37.7176	80.2177	DCH	1.4 +	2.9 +	9.6	2.07	0.30	6.85	2003.	53.	0.
3164	0000	-864	37.7176	80.2173	DCH	1.4 +	3.1 +	9.6	2.18	0.33	6.70	2038.	53.	0.
3165	0000	-863	37.7176	80.2168	DCH	1.5 +	2.9 +	10.2	1.96	0.28	6.94	2064.	54.	0.
3166	0000	-864	37.7177	80.2162	DCH	1.5 +	2.8 +	10.1	1.91	0.28	6.91	2080.	53.	0.
3167	0000	-866	37.7177	80.2157	DCH	1.5 +	2.8 +	10.3	1.92	0.28	6.96	2105.	53.	0.
3168	0000	-865	37.7177	80.2152	DCH	1.5 +	2.9 +	10.2	1.88	0.28	6.67	2111.	55.	1.
3169	0000	-865	37.7177	80.2147	DCH	1.5 +	3.1 +	9.8	2.06	0.32	6.44	2132.	55.	1.
3170	0000	-866	37.7177	80.2142	DCH	1.6 +	3.0 +	10.1	1.89	0.29	6.41	2162.	54.	1.
3171	0000	-866	37.7177	80.2137	DCH	1.7 +	2.8 +	10.1	1.68	0.28	6.06 -	2208.	52.	1.
3172	0000	-867	37.7177	80.2132	DCH	1.8 ++	2.8 +	10.0	1.60	0.28	5.63 -	2258.	52.	2.
3173	0000	-867	37.7177	80.2127	DCH	1.8 ++	2.8 +	10.5	1.54	0.27	5.71 -	2285.	51.	2.
3174	0000	-865	37.7177	80.2122	DCH	2.0 ++	2.9 +	10.7	1.45 -	0.27	5.44 -	2324.	51.	2.
3175	0000	-866	37.7177	80.2117	DCH	2.0 ++	3.0 +	10.8	1.50	0.27	5.51 -	2371.	50.	1.
3176	0000	-867	37.7177	80.2112	DCH	2.1 +++	2.7 +	11.2 +	1.28 -	0.24	5.27 -	2413.	49.	1.
3177	0000	-867	37.7177	80.2108	DCH	2.1 +++	2.7	11.2 +	1.26 -	0.24	5.32 -	2398.	51.	1.
3178	0000	-868	37.7177	80.2102	DCH	2.1 +++	2.8 +	11.1 +	1.34 -	0.25	5.34 -	2374.	53.	1.
3179	0000	-869	37.7177	80.2097	DCH	2.0 ++	2.8 +	10.9	1.40 -	0.26	5.43 -	2346.	52.	0.
3180	0000	-869	37.7177	80.2092	DCH	2.0 ++	2.9 +	10.5	1.42 -	0.27	5.17 -	2339.	50.	0.
3181	0000	-870	37.7177	80.2087	DCH	2.0 ++	2.7 +	10.1	1.39 -	0.27	5.14 -	2289.	52.	0.
3182	0000	-871	37.7177	80.2082	DCH	1.9 ++	2.7 +	10.0	1.41 -	0.27	5.23 -	2245.	51.	0.
3183	0000	-872	37.7177	80.2077	DCH	1.7 ++	2.6	9.5	1.53	0.28	5.49 -	2158.	51.	0.
3184	0000	-872	37.7177	80.2072	DCH	1.7 +	2.6	9.2	1.54	0.28	5.43 -	2106.	50.	1.
3185	0000	-872	37.7177	80.2067	DCH	1.6 +	2.8 +	8.6	1.73	0.32	5.35 -	2050.	48.	1.
3186	0000	-873	37.7177	80.2063	DB-2	1.5	3.0 +	8.4	2.06	0.36 +	5.78	1975.	49.	2.
3187	0000	-874	37.7177	80.2057	DB-2	1.3	2.8 +	8.2	2.10	0.34 +	6.17	1871.	51.	2.
3188	0000	-875	37.7177	80.2052	DB-2	1.2	3.1 +	7.9	2.60	0.39 +	6.70	1785.	48.	2.
3189	0000	-876	37.7177	80.2047	DB-2	1.1	3.1 +	7.7	2.92 +	0.41 +	7.19	1699.	48.	2.
3190	0000	-879	37.7177	80.2043	DB-2	1.1	2.9 +	7.2	2.80 +	0.41 +	6.88	1596.	49.	3.
3191	0000	-880	37.7177	80.2038	DB-2	0.9	2.8 +	6.7 -	3.06 +	0.42 +	7.30	1472.	46.	2.
3192	0000	-880	37.7177	80.2033	DB-2	0.8	2.5	6.4 -	2.95 +	0.39 +	7.53	1349.	49.	2.
3193	0000	-881	37.7177	80.2028	DB-2	0.8	2.2	5.6 -	2.74 +	0.40 +	6.87	1263.	47.	2.
3194	0000	-882	37.7177	80.2023	DB-2	0.7 -	2.2	5.2 --	2.98 +	0.42 +	7.09	1173.	47.	2.
3195	0000	-881	37.7178	80.2019	DB-2	0.7 -	1.7	4.9 --	2.56	0.34 +	7.46	1080.	49.	2.
3196	0000	-882	37.7178	80.2014	DB-2	0.6 -	1.2 -	4.4 --	2.02	0.28	7.23	983.	49.	3.
3197	0000	-883	37.7177	80.2008	DB-1	0.6 +	1.3	3.8 +	2.28 -	0.34	6.64 -	936.	51.	3.
3198	0000	-882	37.7177	80.2004	DB-1	0.5 +	1.2	3.4 +	2.32 -	0.36	6.39 -	895.	54.	4.
3199	0000	-882	37.7177	80.1999	DB-1	0.5 +	1.2	3.2	2.25 -	0.37	6.12 -	864.	49.	4.
3200	0000	-883	37.7177	80.1994	DB-1	0.5 +	1.0	3.1	1.97 -	0.32	6.13 -	816.	50.	3.
3201	0000	-884	37.7177	80.1989	DB-1	0.5 +	1.0	2.7	1.94 -	0.37	5.25 -	781.	49.	3.
3202	0000	-885	37.7177	80.1985	DB-1	0.5 +	1.0	2.5	1.99 -	0.42	4.75 --	749.	50.	2.
3203	0000	-885	37.7177	80.1979	DB-1	0.5 +	1.2	1.9	2.42	0.63 +	3.85 --	724.	49.	2.
3204	0000	-884	37.7178	80.1974	DB-1	0.4 +	1.1	2.4	2.50	0.47	5.38 -	685.	49.	1.
3205	0000	-884	37.7178	80.1969	DB-1	0.4	1.0	2.4	2.52	0.43	5.91 -	644.	49.	0.
3206	0000	-884	37.7178	80.1965	DB-1	0.4	0.9	2.5	2.60	0.38	6.91	608.	52.	0.
3207	0000	-885	37.7178	80.1960	DB-1	0.3	1.0	2.2	3.28	0.45	7.24	569.	55.	0.
3208	0000	-885	37.7178	80.1955	DB-1	0.3	0.9	2.2	3.23	0.42	7.69	546.	56.	0.
3209	0000	-885	37.7178	80.1950	DB-1	0.2	0.9	2.4	3.73	0.36	10.23	523.	54.	0.
3210	0000	-886	37.7178	80.1945	DB-1	0.2	0.8	2.6	3.86	0.30	12.86 +	500.	53.	0.
3211	0000	-886	37.7178	80.1940	DB-1	0.2	0.7	2.3	3.45	0.29	11.86	479.	52.	1.
3212	0000	-885	37.7178	80.1935	DB-1	0.2	0.7	2.2	3.49	0.29	11.84	470.	50.	3.
3213	0000	-887	37.7178	80.1931	DB-1	0.2 -	0.6 -	2.0	3.75	0.29 -	13.02 +	458.	49.	4.

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* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-888	37.7178	80.1926	DB-1	0.1 -	0.5 -	2.0	3.66	0.25 -	14.86 +	459.	49.	6.
3215	0000	-887	37.7178	80.1921	DLMU-1	0.1 -	0.5 --	2.0 -	4.56	0.24	18.84 +	452.	49.	7.
3216	0000	-888	37.7178	80.1916	DLMU-1	0.1 -	0.4 --	1.8 -	4.24	0.24	17.57 +	455.	51.	7.
3217	0000	-888	37.7178	80.1911	DLMU-1	0.1 -	0.4 ---	1.7 -	3.60	0.24	14.87	451.	53.	9.
3218	0000	-888	37.7178	80.1907	DLMU-1	0.1 -	0.5 --	1.7 -	4.50	0.27	16.52 +	472.	53.	9.
3219	0000	-886	37.7178	80.1902	DLMU-1	0.1 -	0.6 --	1.9 -	4.83	0.29	16.91 +	482.	53.	9.
3220	0000	-886	37.7178	80.1896	DLMU-1	0.2 -	0.6 -	2.1 -	4.04	0.31	12.92	488.	54.	8.
3221	0000	-890	37.7178	80.1892	DLMU-1	0.2	0.6 --	2.1 -	3.02	0.29	10.53	503.	52.	9.
3222	0000	-890	37.7178	80.1887	DLMU-1	0.2	0.5 --	2.1 -	2.26	0.24 -	9.50	519.	51.	9.
3223	0000	-889	37.7178	80.1882	DLMU-1	0.2	0.5 --	1.9 -	2.26	0.28	8.00	529.	51.	9.
3224	0000	-891	37.7178	80.1877	DLMU-1	0.2	0.6 --	1.9 -	2.41	0.29	8.27	548.	50.	9.
3225	0000	-891	37.7178	80.1873	DLMU-1	0.2	0.7 -	2.1 -	3.21	0.33	9.70	564.	50.	8.
3226	0000	-891	37.7178	80.1867	DLMU-1	0.2	0.6 --	2.1 -	3.16	0.29	10.75	572.	48.	8.
3227	0000	-892	37.7178	80.1862	DLMU-1	0.2 -	0.6 -	2.0 -	4.05	0.33	12.31	572.	48.	8.
3228	0000	-891	37.7178	80.1857	DLMU-1	0.2 -	0.8 -	1.8 -	4.26	0.41	10.36	562.	50.	6.
3229	0000	-892	37.7178	80.1853	DLMU-1	0.2 -	0.9 -	1.7 -	4.88	0.53 +	9.15	561.	50.	6.
3230	0000	-894	37.7178	80.1848	DLMU-1	0.2 -	0.8 -	2.0 -	5.09	0.40	12.78	554.	49.	5.
3231	0000	-893	37.7179	80.1843	DLMU-1	0.2 -	0.9 -	2.0 -	5.66	0.43	13.03	553.	50.	5.
3232	0000	-892	37.7179	80.1838	DLMU-1	0.2	0.7 -	2.0 -	3.50	0.34	10.16	543.	52.	5.
3233	0000	-892	37.7178	80.1833	DLMU-1	0.2	0.7 -	2.0 -	3.48	0.37	9.30	548.	54.	6.
3234	0000	-894	37.7178	80.1828	DLMU-1	0.2	0.6 -	2.1 -	2.72	0.30	9.05	554.	54.	6.
3235	0000	-895	37.7178	80.1823	DLMU-1	0.2	0.5 --	2.4 -	2.56	0.23 -	11.33	564.	53.	7.
3236	0000	-897	37.7178	80.1818	DLMU-1	0.2	0.6 --	2.5 -	2.68	0.22 -	12.15	565.	54.	7.
3237	0000	-896	37.7178	80.1814	DLMU-1	0.2	0.6 -	2.3 -	3.04	0.28	10.94	560.	55.	7.
3238	0000	-893	37.7178	80.1809	DLMU-1	0.2	0.6 --	2.2 -	2.66	0.25	10.64	542.	55.	7.
3239	0000	-893	37.7178	80.1804	DLMU-1	0.2 -	0.7 -	2.1 -	4.25	0.33	12.81	517.	55.	7.
3240	0000	-896	37.7179	80.1799	DLMU-1	0.1 -	0.6 --	2.0 -	3.93	0.28	13.82	503.	54.	7.
3241	0000	-896	37.7179	80.1795	DLMU-1	0.1 -	0.6 --	1.9 -	4.36	0.31	14.18	492.	54.	7.
3242	0000	-895	37.7179	80.1789	DLMU-1	0.1 -	0.7 -	1.7 -	8.04 +	0.45	17.85 +	476.	56.	6.
3243	0000	-894	37.7179	80.1784	DLMU-1	0.1 --	0.7 -	1.7 -	9.69 +	0.44	22.27 ++	476.	54.	6.
3244	0000	-893	37.7179	80.1780	DLMU-1	0.1 --	0.7 -	1.8 -	7.82 +	0.39	20.17 +	493.	54.	7.
3245	0000	-894	37.7179	80.1775	DLMU-1	0.1 -	0.7 -	2.0 -	5.44	0.35	15.74 +	537.	54.	8.
3246	0000	-896	37.7179	80.1770	DLMU-1	0.2	0.7 -	2.3 -	3.43	0.31	11.10	612.	53.	9.
3247	0000	-898	37.7179	80.1764	DLMU-1	0.3	0.8 -	2.8	2.82	0.30	9.42	711.	54.	10.
3248	0000	-898	37.7179	80.1760	DLMU-1	0.4	0.9 -	3.3	2.07	0.26	7.95	822.	55.	10.
3249	0000	-897	37.7179	80.1755	DLMU-1	0.5	1.1	3.6	2.13	0.30	7.11	929.	55.	9.
3250	0000	-898	37.7179	80.1750	DLMU-1	0.6	1.2	3.8	1.95	0.32	6.15	1025.	56.	9.
3251	0000	-899	37.7179	80.1745	DLMU-1	0.7	1.3	4.1	1.86	0.32	5.76 -	1108.	57.	8.
3252	0000	-898	37.7179	80.1741	DLMU-1	0.7	1.6	4.3	2.22	0.37	5.98 -	1154.	55.	7.
3253	0000	-899	37.7179	80.1736	DLMU-1	0.7	1.7	4.5	2.53	0.39	6.54	1156.	55.	5.
3254	0000	-900	37.7179	80.1730	DLMU-1	0.6	1.9	4.3	3.08	0.44	6.96	1121.	54.	3.
3255	0000	-898	37.7179	80.1725	DLMU-1	0.5	2.1 +	4.1	4.08	0.51	7.97	1075.	53.	2.
3256	0000	-900	37.7179	80.1721	DLMU-1	0.4	1.9	4.3	4.34	0.45	9.66	1017.	53.	2.
3257	0000	-903	37.7179	80.1716	DLMU-1	0.3	2.0 +	4.4	5.97	0.46	13.05	978.	52.	2.
3258	0000	-902	37.7179	80.1711	DLMU-1	0.3	2.1 +	4.4	8.09 +	0.47	17.31 +	939.	53.	2.
3259	0000	-902	37.7179	80.1706	DLMU-1	0.2	2.0 +	4.5	8.21 +	0.45	18.17 +	915.	54.	3.
3260	0000	-903	37.7179	80.1702	DLMU-1	0.2	2.0 +	4.5	10.16 +	0.44	22.94 ++	903.	55.	4.
3261	0000	-904	37.7179	80.1697	DLMU-1	0.2	1.9	4.8	9.67 +	0.39	24.53 ++	898.	56.	4.
3262	0000	-905	37.7179	80.1692	DLMU-1	0.2 -	1.7	5.0	9.81 +	0.34	28.43 +++	892.	54.	6.
3263	0000	-904	37.7179	80.1687	DLMU-1	0.2	1.7	4.8	8.29 +	0.35	23.84 ++	886.	53.	6.
3264	0000	-904	37.7179	80.1682	DLMU-1	0.2	1.6	4.5	7.11 +	0.35	20.36 +	854.	54.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-905	37.7179	80.1677	DLMU-1	0.2	1.3	4.3	5.67	0.30	18.72 +	812.	54.	7.
3266	0000	-905	37.7179	80.1672	DLMU-1	0.2	1.1	4.1	4.83	0.28	17.53 +	763.	55.	6.
3267	0000	-905	37.7180	80.1668	DLMU-1	0.3	1.0	3.6	3.67	0.27	13.60	709.	54.	5.
3268	0000	-905	37.7180	80.1663	DLMU-1	0.3	0.8 -	2.8	3.31	0.31	10.77	639.	53.	6.
3269	0000	-906	37.7180	80.1658	DLMU-1	0.3	0.8 -	2.0 -	3.04	0.41	7.41	580.	59.	5.
3270	0000	-907	37.7180	80.1652	DLMU-1	0.2	0.9	1.9 -	4.07	0.49	8.29	541.	60.	5.
3271	0000	-906	37.7180	80.1648	DLMU-1	0.2 -	0.9 -	2.1 -	4.81	0.43	11.10	531.	58.	4.
3272	0000	-908	37.7179	80.1643	DLMU-1	0.2 -	1.1	1.9 -	6.23	0.56 +	11.03	530.	58.	3.
3273	0000	-908	37.7179	80.1638	DLMU-1	0.2	1.2	1.8 -	6.15	0.66 +	9.37	544.	59.	3.
3274	0000	-905	37.7179	80.1633	DLMU-1	0.2	1.2	2.1 -	5.63	0.55 +	10.28	569.	59.	3.
3275	0000	-906	37.7180	80.1629	DLMU-1	0.2 -	1.4	2.5 -	7.76 +	0.56 +	13.86	617.	60.	2.
3276	0000	-907	37.7180	80.1624	DLMU-1	0.2	1.5	3.1	7.37 +	0.50	14.85	663.	57.	1.
3277	0000	-909	37.7180	80.1618	DLMU-1	0.3	1.6	3.2	6.15	0.50	12.41	714.	57.	1.
3278	0000	-909	37.7180	80.1613	DLMU-1	0.3	1.7	3.5	5.16	0.47	10.90	751.	60.	1.
3279	0000	-908	37.7180	80.1609	DLMU-1	0.4	1.7	4.0	4.78	0.43	11.23	800.	59.	1.
3280	0000	-909	37.7180	80.1604	DLMU-1	0.4	1.7	4.2	4.44	0.39	11.35	831.	58.	1.
3281	0000	-909	37.7180	80.1599	DLMU-1	0.4	1.6	4.4	3.97	0.36	10.99	854.	60.	1.
3282	0000	-908	37.7180	80.1594	DLMU-1	0.4	1.3	4.5	2.85	0.28	10.15	867.	59.	1.
3283	0000	-910	37.7180	80.1590	DLMU-1	0.5	1.2	4.6	2.65	0.26	10.15	867.	60.	1.
3284	0000	-910	37.7180	80.1585	DLMU-1	0.5	0.9	4.8	1.94	0.19 -	10.18	855.	60.	2.
3285	0000	-908	37.7180	80.1580	SU	0.4	0.9	4.7	2.03	0.19 -	10.74	850.	58.	2.
3286	0000	-910	37.7180	80.1574	SU	0.4	0.9	4.5	2.15	0.20	10.55	854.	58.	3.
3287	0000	-910	37.7180	80.1570	SU	0.4	1.1	4.6	2.75	0.25	11.04	872.	57.	2.
3288	0000	-909	37.7180	80.1565	SU	0.4	1.4	4.5	3.21	0.30	10.58	899.	57.	2.
3289	0000	-910	37.7180	80.1560	SU	0.4	1.4	4.6	3.21	0.32	10.15	917.	58.	3.
3290	0000	-911	37.7180	80.1556	SU	0.5	1.4	4.5	3.00	0.32	9.33	945.	57.	3.
3291	0000	-910	37.7180	80.1551	SU	0.5	1.6	4.4	3.20	0.36	8.91	971.	57.	3.
3292	0000	-912	37.7180	80.1545	SU	0.5	1.5	4.2	2.94	0.36	8.12 -	966.	60.	4.
3293	0000	-912	37.7180	80.1541	SU	0.5	1.3	4.0	2.52	0.33	7.73 -	936.	61.	4.
3294	0000	-911	37.7180	80.1536	SU	0.5	1.1	4.0	2.19	0.27	7.98 -	897.	62.	5.
3295	0000	-911	37.7180	80.1531	SU	0.5	1.0	4.1	2.22	0.25	8.99	852.	59.	6.
3296	0000	-912	37.7180	80.1526	SU	0.4	0.9	4.0	2.26	0.23	9.85	800.	60.	5.
3297	0000	-913	37.7180	80.1521	SU	0.3	0.8	3.9	2.39	0.20	11.68	749.	61.	5.
3298	0000	-911	37.7180	80.1516	SU	0.3	0.7 -	3.7	2.73	0.20	13.61	702.	60.	6.
3299	0000	-911	37.7180	80.1512	SU	0.2	0.6 -	3.6	2.43	0.17 -	14.64	661.	58.	7.
3300	0000	-914	37.7180	80.1507	SU	0.2	0.6 -	3.7	2.66	0.17 -	16.02	637.	56.	7.
3301	0000	-913	37.7180	80.1502	SU	0.2	0.5 -	3.4	2.58	0.16 -	16.01	613.	57.	8.
3302	0000	-912	37.7181	80.1497	SU	0.2	0.4 --	3.1	2.22	0.15 -	15.23	591.	60.	9.
3303	0000	-914	37.7181	80.1492	SU	0.2	0.4 --	2.7 -	2.13	0.17 -	12.84	588.	60.	11.
3304	0000	-915	37.7181	80.1487	SU	0.2	0.4 --	2.7 -	1.94 -	0.15 -	13.16	580.	59.	12.
3305	0010	-915	37.7181	80.1482	SU	0.2	0.2 N.A.	2.6 -	0.72 N.A.	0.07 N.A.	10.88	568.	60.	14.
3306	0000	-916	37.7180	80.1478	SU	0.2 -	0.3 --	2.6 -	1.77 -	0.13 -	13.49	577.	60.	15.
3307	0010	-915	37.7180	80.1473	SU	0.2 -	0.3 N.A.	2.7 -	1.33 N.A.	0.10 N.A.	13.95	577.	63.	16.
3308	0010	-915	37.7180	80.1467	SU	0.2 -	0.1 N.A.	2.8 -	0.50 N.A.	0.03 N.A.	15.18	579.	63.	16.
3309	0010	-913	37.7180	80.1462	SU	0.2 -	0.1 N.A.	2.7 -	0.49 N.A.	0.03 N.A.	16.33	575.	63.	17.
3310	0010	-913	37.7180	80.1458	SU	0.2 -	0.1 N.A.	2.9 -	0.36 N.A.	0.02 N.A.	18.81 +	567.	63.	17.
3311	0010	-914	37.7181	80.1453	SU	0.2 -	0.0 N.A.	2.8 -	0.0 N.A.	0.0 N.A.	17.17	562.	62.	17.
3312	0010	-914	37.7181	80.1448	SU	0.1 -	0.0 N.A.	2.9	0.28 N.A.	0.01 N.A.	22.31 +	558.	65.	16.
3313	0010	-915	37.7181	80.1443	SU	0.1 -	0.0 N.A.	3.0	0.0 N.A.	0.0 N.A.	21.00 +	548.	64.	16.
3314	0010	-915	37.7181	80.1439	SU	0.1 -	0.0 N.A.	2.8 -	0.0 N.A.	0.0 N.A.	21.03 +	536.	65.	15.
3315	0010	-914	37.7181	80.1433	SU	0.1 -	0.0 N.A.	2.9 -	0.36 N.A.	0.02 N.A.	22.43 +	535.	65.	14.

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0010	-915	37.7181	80.1428		SU	0.2 -	0.1 N.A.	2.8 -	0.38 N.A.	0.02 N.A.	18.79 +	537.	66.	14.
3317	0010	-918	37.7181	80.1424		SU	0.2 -	0.1 N.A.	3.0	0.31 N.A.	0.02 N.A.	17.91 +	555.	66.	12.
3318	0010	-918	37.7181	80.1419		SU	0.2 -	0.1 N.A.	3.1	0.82 N.A.	0.05 N.A.	18.04 +	568.	67.	11.
3319	0010	-917	37.7181	80.1414		SU	0.2 -	0.3 N.A.	3.3	1.42 N.A.	0.08 N.A.	17.46	602.	66.	9.
3320	0000	-917	37.7181	80.1409		SU	0.2	0.4 --	3.6	1.95 -	0.11 --	17.74	646.	66.	9.
3321	0000	-916	37.7181	80.1404		SU	0.2	0.5 --	4.1	2.08	0.12 --	17.51	700.	65.	7.
3322	0000	-917	37.7181	80.1399		SU	0.2	0.7 -	4.6	2.89	0.14 -	20.43 +	752.	66.	6.
3323	0000	-917	37.7181	80.1394		SU	0.2	0.8	5.3	3.53	0.15 -	23.15 +	816.	65.	5.
3324	0000	-917	37.7181	80.1390		SU	0.2	1.1	5.6	5.22	0.19 -	27.29 ++	867.	65.	4.
3325	0000	-916	37.7181	80.1385		SU	0.2 -	1.2	5.9 +	6.46 +	0.21	30.32 ++	907.	62.	4.
3326	0000	-917	37.7181	80.1380		SU	0.2	1.3	6.1 +	6.17 +	0.21	29.54 ++	925.	61.	4.
3327	0000	-916	37.7181	80.1375		SU	0.2	1.4	6.3 +	6.69 +	0.21	31.40 ++	940.	63.	4.
3328	0000	-915	37.7181	80.1370		SU	0.2 -	1.5	6.5 +	9.36 +	0.24	39.69 +++	946.	62.	3.
3329	0000	-916	37.7182	80.1366		SU	0.2	1.4	6.4 +	6.70 +	0.22	30.46 ++	936.	59.	3.
3330	0000	-918	37.7182	80.1360		SU	0.2	1.5	6.2 +	7.13 +	0.24	29.32 ++	908.	59.	3.
3331	0000	-918	37.7182	80.1355		SU	0.2	1.5	6.1 +	5.95	0.24	24.79 +	879.	57.	2.
3332	0000	-919	37.7182	80.1350		SU	0.2	1.5	6.1 +	6.24 +	0.24	25.79 +	870.	59.	2.
3333	0000	-917	37.7181	80.1346		SU	0.2	1.5	6.1 +	6.15 +	0.25	24.74 +	865.	60.	1.
3334	0000	-917	37.7181	80.1341		SU	0.3	1.4	5.8 +	4.57	0.23	19.73 +	858.	59.	1.
3335	0000	-920	37.7181	80.1336		SU	0.3	1.5	5.5	4.76	0.27	17.37	872.	57.	1.
3336	0000	-919	37.7181	80.1330		SU	0.3	1.3	5.7	4.01	0.23	17.10	885.	59.	3.
3337	0000	-918	37.7181	80.1326		SU	0.3	1.1	5.9 +	3.27	0.19 -	17.68	900.	58.	4.
3338	0000	-919	37.7182	80.1321		SU	0.3	1.0	6.0 +	3.18	0.16 -	19.47 +	911.	57.	5.
3339	0000	-919	37.7182	80.1316		SU	0.3	1.0	5.8 +	2.82	0.17 -	16.69	907.	56.	6.
3340	0000	-919	37.7182	80.1311		SU	0.3	0.9	5.8 +	2.49	0.15 -	16.86	897.	55.	7.
3341	0000	-920	37.7182	80.1307		SU	0.3	0.9	5.4	2.81	0.17 -	16.36	886.	55.	7.
3342	0000	-921	37.7182	80.1302		SU	0.3	0.7 -	5.5	2.19	0.12 --	17.71	872.	57.	9.
3343	0000	-922	37.7182	80.1297		SU	0.3	0.8	5.2	2.73	0.16 -	17.43	862.	56.	9.
3344	0000	-920	37.7182	80.1292		SU	0.3	0.8	5.1	2.40	0.16 -	15.01	866.	56.	9.
3345	0000	-920	37.7182	80.1287		SU	0.3	0.8 -	4.7	2.21	0.16 -	13.73	865.	57.	10.
3346	0000	-921	37.7182	80.1282		SU	0.3	0.9	4.6	2.64	0.19 -	14.12	878.	58.	10.
3347	0000	-922	37.7182	80.1277		SU	0.3	1.1	4.3	3.78	0.26	14.28	888.	57.	10.
3348	0000	-922	37.7182	80.1273		SU	0.3	1.0	4.7	3.22	0.22	14.58	900.	56.	10.
3349	0000	-922	37.7182	80.1268		SU	0.3	1.0	4.8	3.22	0.22	14.96	897.	54.	9.
3350	0000	-921	37.7182	80.1263		SU	0.3	1.2	4.7	3.52	0.25	14.04	906.	53.	8.
3351	0000	-920	37.7182	80.1258		SU	0.3	1.7	4.5	5.29	0.37	14.39	916.	55.	7.
3352	0000	-920	37.7182	80.1254		SU	0.3	1.9 +	5.1	5.59	0.37	15.07	967.	53.	5.
3353	0000	-921	37.7182	80.1248		SU	0.4	1.7	5.5	4.56	0.31	14.82	994.	53.	5.
3354	0000	-922	37.7182	80.1243		SU	0.4	1.7	5.7	3.95	0.30	13.17	1010.	54.	4.
3355	0000	-921	37.7182	80.1238		SU	0.4	1.9 +	5.3	4.56	0.36	12.60	1020.	54.	4.
3356	0000	-923	37.7182	80.1234		OMUU	0.5	1.9	5.1	4.04 +	0.38 +	10.74	1019.	54.	4.
3357	0000	-924	37.7182	80.1229		OMUU	0.4	1.9	5.0	4.34 +	0.38 +	11.34	1010.	54.	4.
3358	0000	-924	37.7182	80.1224		OMUU	0.4	1.7	4.9	3.95 +	0.34	11.70	972.	54.	4.
3359	0000	-923	37.7182	80.1219		OMUU	0.4	1.5	4.4	3.91 +	0.34	11.59	906.	57.	4.
3360	0000	-924	37.7182	80.1214		OMUU	0.4	1.5	3.8	4.32 +	0.40 +	10.75	839.	60.	5.
3361	0000	-924	37.7182	80.1209		OMUU	0.3 -	1.3	3.6 -	4.24 +	0.35	12.11	793.	60.	6.
3362	0000	-923	37.7182	80.1204		OMUU	0.3 -	1.1	3.8	4.08 +	0.30	13.81 +	750.	61.	5.
3363	0000	-923	37.7182	80.1199		OMUU	0.2 -	1.2	3.9	5.50 +	0.31	17.54 +	718.	62.	4.
3364	0000	-923	37.7182	80.1195		OMUU	0.2 -	1.2	3.8	5.51 +	0.31	18.02 ++	700.	62.	4.
3365	0000	-923	37.7182	80.1190		OMUU	0.2 -	1.0 -	4.1	4.07 +	0.24	17.17 +	707.	62.	4.
3366	0000	-924	37.7182	80.1185		OMUU	0.3 -	1.1	3.9	3.86	0.27	14.44 +	721.	61.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-926	37.7182	80.1180	OMUU	0.3 -	1.1	4.0	4.10 +	0.27	15.12 +	739.	57.	3.
3368	0000	-926	37.7182	80.1175	OMUU	0.3 -	1.2	4.2	4.07 +	0.28	14.45 +	774.	56.	2.
3369	0000	-924	37.7182	80.1171	OMUU	0.3 -	1.3	4.2	4.10 +	0.30	13.77 +	815.	55.	2.
3370	0000	-923	37.7182	80.1165	OMUU	0.3	1.3	4.2	3.94 +	0.32	12.26	864.	54.	2.
3371	0000	-926	37.7182	80.1161	OMUU	0.4	1.3	4.5	3.31	0.28	11.64	912.	55.	3.
3372	0000	-927	37.7182	80.1156	OMUU	0.5	1.3	5.1	2.83	0.25	11.14	970.	54.	3.
3373	0000	-925	37.7183	80.1151	OMUU	0.5	1.4	5.6	2.78	0.24	11.35	1026.	56.	3.
3374	0000	-924	37.7183	80.1146	OMUU	0.6	1.4	5.9	2.51	0.24	10.60	1093.	58.	4.
3375	0000	-925	37.7183	80.1141	OMUU	0.7	1.3	6.0	2.00	0.22	9.26	1156.	57.	4.
3376	0000	-925	37.7182	80.1136	OMUU	0.8	1.2	6.5	1.53	0.19	8.15	1231.	58.	5.
3377	0000	-925	37.7182	80.1131	OMUU	0.9	0.9 -	7.1	1.03 -	0.13 -	7.79	1315.	58.	6.
3378	0000	-925	37.7182	80.1126	STC-2	1.0 +	0.9 -	6.7	0.96 --	0.14 -	6.95 -	1367.	60.	7.
3379	0000	-925	37.7182	80.1122	STC-2	1.0 +	0.9 -	6.7	0.96 --	0.14 -	6.93 -	1393.	60.	7.
3380	0000	-925	37.7182	80.1117	STC-2	1.0 +	0.8 -	6.5	0.84 --	0.12 --	6.88 -	1390.	59.	8.
3381	0000	-927	37.7182	80.1111	STC-2	0.9 +	0.9 -	6.7	1.01 --	0.14 -	7.33 -	1366.	59.	8.
3382	0000	-927	37.7183	80.1107	STC-2	0.9 +	0.9 -	6.9 +	1.08 -	0.13 -	8.07	1332.	60.	8.
3383	0000	-924	37.7183	80.1102	STC-2	0.8	1.1	6.4	1.40 -	0.17 -	8.48	1265.	60.	7.
3384	0000	-925	37.7183	80.1097	STC-2	0.7	1.2	6.1	1.84	0.20	9.30	1169.	61.	5.
3385	0000	-928	37.7183	80.1092	STC-2	0.6	1.2	6.0	2.10	0.20	10.57	1067.	60.	4.
3386	0000	-927	37.7183	80.1087	STC-2	0.5	1.3	5.2	2.53	0.25	10.22	982.	61.	3.
3387	0000	-926	37.7183	80.1082	STC-2	0.5	1.3	4.5	2.78	0.28	9.98	902.	63.	3.
3388	0000	-927	37.7183	80.1077	STC-1	0.4 +	1.1	3.9 +	2.63 -	0.28	9.36 -	834.	64.	3.
3389	0000	-925	37.7183	80.1073	STC-1	0.4 +	1.2	3.4	3.35	0.34	9.74	770.	64.	3.
3390	0000	-925	37.7183	80.1068	STC-1	0.3	1.1	3.4	3.87	0.32	11.92	725.	61.	3.
3391	0000	-927	37.7183	80.1063	STC-1	0.3	1.2	3.0	4.82	0.42	11.58	712.	61.	3.
3392	0000	-927	37.7183	80.1058	STC-1	0.2	1.2	3.1	5.37	0.38	14.00	728.	61.	4.
3393	0000	-926	37.7183	80.1053	STC-1	0.2	1.1	3.6	4.92	0.30	16.48	739.	59.	5.
3394	0000	-925	37.7183	80.1049	STC-1	0.2	1.2	3.9 +	5.53	0.32	17.25 +	755.	57.	4.
3395	0000	-926	37.7183	80.1044	STC-2	0.3 -	1.1	4.1 -	4.31	0.27	16.25	763.	56.	5.
3396	0000	-927	37.7183	80.1039	STC-2	0.3 -	1.0	4.1 -	3.73	0.24	15.54	775.	55.	4.
3397	0000	-927	37.7183	80.1033	STC-2	0.3 -	1.0	4.1 -	3.86	0.24	15.78	780.	57.	5.
3398	0000	-925	37.7183	80.1029	STC-2	0.3 -	0.9 -	4.1 -	3.67	0.23	16.06	776.	57.	5.
3399	0000	-925	37.7183	80.1024	STC-1	0.3	0.9	3.9 +	3.34	0.24 -	13.73	742.	56.	5.
3400	0000	-927	37.7184	80.1019	STC-1	0.3	1.0	3.5	3.78	0.29	13.18	716.	58.	5.
3401	0000	-928	37.7184	80.1014	STC-1	0.2	0.8	3.3	3.26	0.25 -	13.19	693.	59.	6.
3402	0000	-925	37.7183	80.1010	STC-1	0.3	0.8	3.4	2.90	0.23 -	12.56	709.	58.	6.
3403	0000	-925	37.7183	80.1004	STC-1	0.3	0.8	3.5	2.82	0.22 -	12.74	720.	59.	7.
3404	0000	-926	37.7183	80.0999	STC-1	0.3	0.7 -	3.6	2.43 -	0.20 -	12.08	739.	61.	8.
3405	0000	-927	37.7183	80.0994	STC-1	0.4 +	0.6 -	3.8 +	1.60 --	0.15 --	10.60	764.	62.	9.
3406	0000	-927	37.7183	80.0990	STC-1	0.4 +	0.7 -	4.0 +	2.00 -	0.18 -	11.06	819.	64.	8.
3407	0000	-925	37.7183	80.0985	STC-2	0.4	0.7 -	4.7	1.86	0.15 -	12.16	881.	63.	9.
3408	0000	-925	37.7183	80.0980	STC-2	0.4	0.7 -	5.2	1.65 -	0.14 -	11.99	956.	64.	8.
3409	0000	-926	37.7184	80.0975	STC-2	0.4	0.8 -	5.8	1.80	0.14 -	13.33	1008.	65.	8.
3410	0000	-924	37.7184	80.0970	STC-2	0.5	0.9 -	6.2	2.02	0.15 -	13.67	1052.	65.	7.
3411	0000	-923	37.7184	80.0965	STC-2	0.5	1.0	6.7	2.14	0.15 -	14.25	1091.	63.	6.
3412	0000	-924	37.7184	80.0961	STC-2	0.4	1.2	7.2 +	2.67	0.16 -	16.50	1115.	62.	5.
3413	0000	-923	37.7184	80.0955	STC-2	0.4	1.2	7.7 +	2.71	0.16 -	17.41 +	1124.	59.	5.
3414	0000	-924	37.7184	80.0951	SU	0.4	1.2	7.4 +	2.87	0.16 -	17.66	1109.	59.	5.
3415	0000	-926	37.7184	80.0946	SU	0.4	1.3	7.0 +	3.16	0.18 -	17.52	1072.	58.	6.
3416	0000	-924	37.7184	80.0941	SU	0.4	1.5	6.5 +	4.00	0.22	17.85 +	1025.	56.	5.
3417	0000	-923	37.7183	80.0936	SU	0.4	1.2	5.8 +	3.47	0.22	16.05	967.	56.	7.

CP 9 LP 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-925	37.7184	80.0932	SU	0.4	1.0	5.2	2.77	0.19 -	14.86	911.	55.	8.
3419	0000	-925	37.7184	80.0927	SU	0.3	1.0	4.6	2.88	0.21	13.63	855.	54.	8.
3420	0000	-924	37.7184	80.0921	SU	0.3	0.9	3.7	3.22	0.25	13.02	803.	54.	8.
3421	0000	-925	37.7184	80.0917	SU	0.3	0.8	3.2	2.93	0.26	11.36	752.	53.	9.
3422	0000	-925	37.7184	80.0912	SU	0.2	0.9	3.2	3.78	0.27	13.81	725.	54.	8.
3423	0000	-925	37.7184	80.0907	SU	0.2	0.8 -	3.0	3.39	0.25	13.51	694.	53.	8.
3424	0000	-924	37.7184	80.0902	SU	0.2	1.0	3.1	4.79	0.32	15.05	684.	52.	7.
3425	0000	-923	37.7184	80.0898	SU	0.2 -	1.2	2.9	7.27 +	0.42	17.39	668.	52.	6.
3426	0000	-923	37.7184	80.0892	SU	0.2 -	1.1	2.7 -	6.79 +	0.40	16.84	641.	52.	6.
3427	0000	-923	37.7184	80.0887	SU	0.2	0.8	2.7 -	4.11	0.31	13.20	619.	52.	6.
3428	0000	-923	37.7184	80.0882	SU	0.2	0.9	2.8 -	4.42	0.31	14.33	610.	53.	4.
3429	0000	-924	37.7184	80.0878	SU	0.2	0.7 -	2.7 -	3.39	0.27	12.47	595.	53.	4.
3430	0000	-924	37.7184	80.0873	SU	0.2	0.8	2.7 -	3.89	0.30	12.98	588.	52.	4.
3431	0000	-923	37.7184	80.0868	SU	0.2 -	0.8 -	2.7 -	3.91	0.29	13.47	586.	52.	4.
3432	0000	-923	37.7184	80.0863	SU	0.2	0.8 -	2.7 -	3.80	0.29	13.03	580.	53.	3.
3433	0000	-924	37.7184	80.0858	SU	0.2	0.9	2.5 -	4.39	0.36	12.10	586.	53.	3.
3434	0000	-924	37.7184	80.0854	SU	0.2 -	1.1	2.7 -	6.05 +	0.40	14.94	587.	53.	1.
3435	0000	-924	37.7184	80.0849	SU	0.2	1.2	2.3 -	5.76	0.51 +	11.25	585.	52.	1.
3436	0000	-923	37.7184	80.0843	SU	0.2	1.3	2.2 -	5.75	0.60 +	9.52	595.	50.	1.
3437	0000	-922	37.7184	80.0839	DLMU-1	0.3	1.4	2.3 -	5.14	0.59 +	8.77	640.	49.	0.
3438	0000	-922	37.7184	80.0834	DLMU-1	0.3	1.6	2.5 -	4.97	0.62 +	8.05	717.	51.	0.
3439	0000	-921	37.7184	80.0829	DLMU-1	0.4	1.9	2.7	4.24	0.69 +	6.15	867.	49.	0.
3440	0000	-922	37.7184	80.0824	DLMU-1	0.6	2.5 +	3.3	4.43	0.78 ++	5.72 -	1073.	50.	0.
3441	0000	-922	37.7184	80.0820	DLMU-1	0.8	3.0 ++	3.6	3.74	0.81 ++	4.60 -	1306.	50.	1.
3442	0000	-921	37.7184	80.0814	DLMU-1	1.0 +	3.5 ++	4.3	3.43	0.80 ++	4.28 -	1570.	48.	1.
3443	0000	-923	37.7184	80.0809	DLMU-1	1.2 +	3.7 ++	5.0	3.15	0.75 +	4.21 -	1769.	51.	2.
3444	0000	-924	37.7184	80.0805	DLMU-1	1.4 +	3.8 ++	5.5	2.82	0.70 +	4.01 -	1925.	52.	3.
3445	0000	-922	37.7185	80.0799	DLMU-1	1.5 +	3.8 ++	6.0 +	2.53	0.63 +	4.01 -	2036.	52.	4.
3446	0000	-921	37.7185	80.0794	DLMU-1	1.6 +	3.6 ++	6.9 ++	2.29	0.52 +	4.39 -	2122.	52.	5.
3447	0000	-921	37.7185	80.0789	DLMU-2	1.7 +	3.2 +	7.2 -	1.84	0.44 ++	4.15 -	2165.	52.	6.
3448	0000	-921	37.7185	80.0783	DLMU-2	1.8 +	2.9 +	7.9	1.62	0.37 +	4.40 -	2197.	54.	7.
3449	0000	-921	37.7184	80.0777	DLMU-2	1.8 +	2.5	8.7	1.40	0.29	4.88 -	2194.	56.	8.
3450	0000	-920	37.7184	80.0773	DLMU-2	1.9 +	2.5	9.4 +	1.35	0.27	5.05	2254.	54.	9.
3451	0000	-921	37.7184	80.0767	DLMU-2	2.0 +	2.6	9.8 +	1.27	0.26	4.87 -	2341.	54.	9.
3452	0000	-921	37.7184	80.0762	DLMU-2	2.1 ++	2.3	10.5 ++	1.10 -	0.22	4.89 -	2440.	51.	9.
3453	0000	-920	37.7184	80.0756	DLMU-2	2.2 ++	2.3	10.4 ++	1.02 -	0.22	4.67 -	2462.	52.	8.
3454	0000	-919	37.7184	80.0751	DLMU-2	2.2 ++	2.0	10.8 ++	0.88 --	0.18 -	4.85 -	2438.	51.	8.
3455	0000	-919	37.7184	80.0745	DLMU-2	2.2 ++	2.1	10.7 ++	0.96 -	0.20 -	4.79 -	2417.	50.	7.
3456	0000	-920	37.7184	80.0740	DLMU-2	2.2 ++	2.2	10.7 ++	1.02 -	0.21	4.87 -	2412.	49.	5.
3457	0000	-921	37.7184	80.0734	DLMU-2	2.2 ++	2.2	10.9 ++	1.00 -	0.20 -	5.01	2388.	50.	4.
3458	0000	-918	37.7184	80.0729	DLMU-2	2.1 +	2.3	11.1 ++	1.08 -	0.20	5.31	2334.	50.	3.
3459	0000	-919	37.7184	80.0724	DB-2	2.0 ++	2.5	10.6 +	1.24 -	0.24	5.25 -	2274.	50.	1.
3460	0000	-922	37.7184	80.0718	DB-2	2.0 ++	2.5	10.6 +	1.28 -	0.24	5.40 -	2228.	50.	1.
3461	0000	-921	37.7185	80.0712	DB-2	1.9 +	2.7 +	10.6 +	1.44	0.25	5.70	2213.	48.	0.
3462	0000	-919	37.7184	80.0708	DB-2	1.8 +	2.6	10.9 +	1.41	0.24	5.94	2213.	48.	1.
3463	0000	-920	37.7184	80.0702	DB-2	1.9 +	2.5	10.7 +	1.32	0.23	5.70	2204.	47.	2.
3464	0000	-922	37.7184	80.0697	DB-2	1.9 +	2.4	10.7 +	1.27 -	0.23	5.64	2236.	47.	3.
3465	0000	-921	37.7184	80.0691	DB-2	1.9 ++	2.4	11.0 +	1.23 -	0.22	5.66	2276.	46.	3.
3466	0000	-918	37.7184	80.0686	DB-2	2.0 ++	2.2	11.2 ++	1.12 -	0.19 -	5.76	2289.	47.	4.
3467	0000	-918	37.7184	80.0680	DB-2	1.9 +	2.3	10.8 +	1.20 -	0.21	5.76	2281.	48.	5.
3468	0000	-918	37.7184	80.0675	DB-2	1.8 +	2.2	10.6 +	1.23 -	0.21	5.81	2257.	49.	6.

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-919	37.7184	80.0669	DB-2	1.7 +	2.2	10.0 +	1.31	0.22	5.86	2168.	49.	6.
3470	0000	-920	37.7184	80.0664	DB-2	1.5	2.0	9.5	1.32	0.22	6.13	2042.	52.	6.
3471	0000	-919	37.7184	80.0659	DB-2	1.4	2.1	8.6	1.52	0.24	6.24	1884.	49.	6.
3472	0000	-918	37.7184	80.0653	DB-2	1.2	2.1	7.7	1.80	0.28	6.47	1735.	49.	6.
3473	0000	-919	37.7184	80.0647	DB-2	1.1	2.3	7.0	2.19	0.33	6.55	1640.	48.	6.
3474	0000	-919	37.7184	80.0642	DB-2	1.0	2.4	6.5 -	2.42	0.37 +	6.48	1590.	45.	6.
3475	0000	-919	37.7184	80.0637	DB-2	1.0	2.4	6.2 -	2.45	0.38 +	6.39	1543.	46.	6.
3476	0000	-919	37.7184	80.0632	DB-2	1.0	2.4	6.4 -	2.31	0.37 +	6.23	1552.	47.	6.
3477	0000	-917	37.7184	80.0626	DB-2	1.1	2.7	6.6 -	2.32	0.40 +	5.78	1629.	45.	6.
3478	0000	-916	37.7184	80.0621	DB-2	1.3	2.4	7.0	1.87	0.35 +	5.41 -	1739.	48.	6.
3479	0000	-918	37.7184	80.0615	DB-2	1.4	2.5	7.2	1.80	0.34 +	5.25 -	1819.	49.	6.
3480	0000	-917	37.7184	80.0610	DB-2	1.4	2.4	7.7	1.72	0.31	5.48	1861.	51.	5.
3481	0000	-917	37.7184	80.0604	DB-2	1.4	2.1	8.5	1.49	0.25	5.91	1871.	50.	5.
3482	0000	-919	37.7184	80.0599	DB-2	1.4	2.2	8.8	1.56	0.25	6.24	1886.	48.	4.
3483	0000	-918	37.7184	80.0593	DB-2	1.4	2.2	9.0	1.66	0.25	6.64	1861.	48.	3.
3484	0000	-918	37.7184	80.0588	DB-2	1.2	2.2	9.2	1.80	0.24	7.57	1800.	47.	3.
3485	0000	-919	37.7184	80.0582	DB-2	1.1	2.1	9.2	1.93	0.23	8.33	1708.	45.	2.
3486	0000	-917	37.7184	80.0577	DB-2	1.0	1.9	9.0	1.86	0.21	8.72	1632.	45.	2.
3487	0000	-916	37.7184	80.0572	DB-2	1.0	1.9	8.7	2.03	0.22	9.16	1562.	44.	2.
3488	0000	-918	37.7184	80.0567	DB-2	0.9	2.0	8.3	2.27	0.24	9.29	1520.	44.	2.
3489	0000	-917	37.7184	80.0561	DB-2	0.9	1.9	8.0	2.19	0.24	9.23	1496.	46.	3.
3490	0000	-918	37.7184	80.0556	DB-2	0.9	1.9	7.8	2.11	0.25	8.57	1519.	45.	4.
3491	0000	-918	37.7184	80.0550	DB-2	1.0	1.8	7.7	1.87	0.23	8.15	1547.	47.	5.
3492	0000	-917	37.7184	80.0545	DB-2	0.9	1.9	7.7	2.00	0.24	8.22	1555.	49.	6.
3493	0000	-916	37.7184	80.0540	DB-2	1.0	1.8	8.2	1.85	0.22	8.41	1571.	47.	7.
3494	0000	-918	37.7184	80.0534	DB-2	1.0	1.5 -	8.1	1.50	0.19 -	8.09	1574.	47.	9.
3495	0000	-917	37.7184	80.0529	DB-2	1.0	1.5 -	8.3	1.49	0.19 -	8.05	1584.	48.	9.
3496	0000	-916	37.7184	80.0523	DB-2	1.1	1.5 -	8.3	1.37	0.18 -	7.51	1602.	47.	9.
3497	0000	-918	37.7184	80.0518	DB-2	1.1	1.4 -	8.6	1.24 -	0.16 -	7.83	1590.	48.	9.
3498	0000	-919	37.7184	80.0512	DB-2	1.1	1.5 -	8.2	1.36	0.18 -	7.50	1553.	47.	8.
3499	0000	-918	37.7184	80.0507	DB-2	1.1	1.4 -	8.4	1.22 -	0.17 -	7.37	1555.	47.	7.
3500	0000	-919	37.7184	80.0501	DB-2	1.1	1.6 -	8.4	1.40	0.19 -	7.55	1588.	48.	5.
3501	0000	-919	37.7184	80.0496	DB-2	1.2	1.8	8.3	1.58	0.22	7.12	1621.	49.	4.
3502	0000	-916	37.7184	80.0491	DB-2	1.2	1.9	8.1	1.54	0.23	6.68	1658.	50.	4.
3503	0000	-916	37.7184	80.0485	DB-2	1.2	2.1	8.1	1.71	0.26	6.57	1664.	50.	2.
3504	0000	-916	37.7184	80.0480	DB-2	1.2	2.2	7.9	1.85	0.28	6.31	1662.	48.	2.
3505	0000	-916	37.7184	80.0474	DB-2	1.3	2.2	7.6	1.74	0.29	6.00	1668.	49.	1.
3506	0000	-917	37.7184	80.0469	DB-2	1.3	2.2	7.5	1.71	0.29	5.90	1665.	49.	1.
3507	0000	-917	37.7184	80.0464	DB-2	1.3	2.1	7.0	1.62	0.30	5.39 -	1641.	48.	1.
3508	0000	-916	37.7184	80.0458	DB-2	1.3	2.1	7.0	1.69	0.31	5.53	1627.	48.	0.
3509	0000	-916	37.7184	80.0453	DB-2	1.2	2.2	7.0	1.79	0.31	5.74	1609.	48.	0.
3510	0000	-916	37.7184	80.0447	DB-2	1.2	2.1	7.3	1.75	0.29	6.11	1609.	49.	0.
3511	0000	-917	37.7184	80.0442	DB-2	1.2	2.1	7.3	1.73	0.29	6.06	1634.	48.	0.
3512	0000	-918	37.7184	80.0436	DB-2	1.2	1.9	7.7	1.55	0.24	6.41	1635.	47.	0.
3513	0000	-918	37.7184	80.0431	DB-2	1.1	2.1	7.3	1.81	0.28	6.38	1613.	49.	0.
3514	0000	-919	37.7184	80.0425	DB-2	1.1	2.1	6.9	1.93	0.30	6.33	1551.	50.	1.
3515	0000	-920	37.7184	80.0420	DB-2	1.0	1.9	6.9	1.87	0.28	6.64	1486.	51.	1.
3516	0000	-918	37.7184	80.0415	DB-2	1.0	1.8	6.3 -	1.84	0.28	6.47	1420.	50.	1.
3517	0000	-918	37.7184	80.0409	DB-2	0.9	1.7	6.1 -	1.80	0.27	6.58	1392.	51.	1.
3518	0000	-920	37.7184	80.0404	DB-2	0.9	1.6	5.9 -	1.80	0.28	6.50	1374.	51.	2.
3519	0000	-920	37.7184	80.0398	DB-2	0.9	1.7	5.9 -	1.87	0.29	6.39	1407.	52.	2.

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GPOSS CPS	COS CPS	UAIR CPS
3520	0000	-920	37.7184	80.0393	DB-2	1.0	1.6	6.5 -	1.67	0.25	6.50	1453.	51.	2.
3521	0000	-921	37.7184	80.0388	DB-2	1.0	1.5 -	7.2	1.42	0.21	6.91	1503.	52.	2.
3522	0000	-921	37.7184	80.0382	DB-2	1.1	1.6 -	7.4	1.45	0.21	6.88	1564.	53.	2.
3523	0000	-920	37.7184	80.0377	DB-2	1.1	1.6	7.8	1.46	0.21	6.93	1601.	51.	2.
3524	0000	-920	37.7183	80.0371	DB-2	1.1	1.7	7.7	1.45	0.21	6.77	1598.	52.	2.
3525	0000	-920	37.7183	80.0366	DB-2	1.1	1.8	7.8	1.65	0.23	7.28	1561.	53.	1.
3526	0000	-920	37.7184	80.0360	DB-2	1.0	1.8	7.5	1.79	0.24	7.47	1494.	53.	1.
3527	0000	-919	37.7184	80.0355	DB-2	0.9	1.9	7.5	1.98	0.25	7.92	1458.	52.	1.
3528	0000	-919	37.7184	80.0349	DLMU-2	0.9 -	2.1	7.2 -	2.24	0.29	7.63	1471.	51.	1.
3529	0000	-920	37.7184	80.0344	DLMU-2	1.0 -	2.2	7.1 -	2.17	0.30	7.14	1493.	48.	1.
3530	0000	-919	37.7184	80.0339	DLMU-2	1.0 -	2.2	7.4 -	2.12	0.30	7.12	1530.	50.	0.
3531	0000	-920	37.7184	80.0333	DLMU-2	1.1	2.3	7.3 -	2.14	0.31	6.83	1552.	49.	0.
3532	0000	-921	37.7184	80.0328	DLMU-2	1.2	2.2	7.3 -	1.84	0.30	6.04	1594.	50.	0.
3533	0000	-920	37.7184	80.0323	DLMU-2	1.3	2.2	7.4 -	1.74	0.30	5.77	1661.	49.	0.
3534	0000	-919	37.7184	80.0317	DLMU-2	1.3	2.2	7.3 -	1.65	0.30	5.44	1707.	49.	0.
3535	0000	-919	37.7184	80.0312	DLMU-2	1.4	2.2	7.6	1.60	0.29	5.59	1734.	49.	0.
3536	0000	-921	37.7184	80.0306	DLMU-2	1.4	2.1	7.8	1.54	0.27	5.76	1747.	50.	1.
3537	0000	-922	37.7183	80.0301	DLMU-2	1.4	2.0	7.8	1.43	0.25	5.72	1747.	50.	1.
3538	0000	-922	37.7183	80.0295	DLMU-2	1.4	1.9	8.0	1.37	0.24	5.80	1755.	51.	1.
3539	0000	-922	37.7183	80.0290	DLMU-2	1.3	1.8	8.0	1.37	0.22	6.15	1725.	50.	2.
3540	0000	-921	37.7183	80.0284	DLMU-2	1.2	2.0	7.5 -	1.67	0.26	6.31	1665.	50.	2.
3541	0000	-920	37.7183	80.0279	DLMU-1	1.1 +	2.0 +	6.8 +	1.80 -	0.30	6.08	1580.	50.	3.
3542	0000	-920	37.7183	80.0274	DLMU-1	1.0 +	1.9	6.1 +	1.96	0.31	6.27	1478.	49.	4.
3543	0000	-921	37.7184	80.0268	DLMU-1	0.9 +	2.0 +	5.7 +	2.31	0.35	6.59	1381.	50.	3.
3544	0000	-920	37.7184	80.0264	DLMU-1	0.8	2.1 +	5.3	2.76	0.40	6.87	1318.	51.	3.
3545	0000	-920	37.7184	80.0257	DLMU-1	0.7	2.1 +	5.1	2.92	0.42	6.95	1287.	50.	2.
3546	0000	-924	37.7184	80.0252	DLMU-1	0.7	2.4 +	5.1	3.18	0.47	6.77	1300.	51.	2.
3547	0000	-924	37.7184	80.0247	DLMU-1	0.8	2.4 +	5.1	3.10	0.47	6.55	1325.	50.	1.
3548	0000	-922	37.7184	80.0242	DLMU-1	0.8	2.5 +	4.8	3.32	0.52 +	6.36	1314.	51.	1.
3549	0000	-922	37.7184	80.0236	DLMU-1	0.8	2.7 +	4.8	3.48	0.56 +	5.94 -	1294.	50.	0.
3550	0000	-923	37.7184	80.0231	DLMU-1	0.7	2.5 +	4.5	3.43	0.55 +	6.20	1268.	50.	0.
3551	0000	-924	37.7183	80.0225	DLMU-1	0.7	2.7 +	4.0	3.79	0.68 +	5.58 -	1222.	49.	0.
3552	0000	-925	37.7183	80.0220	DLMU-1	0.6	2.7 +	3.4	4.23	0.80 ++	5.32 -	1145.	49.	1.
3553	0000	-924	37.7183	80.0214	DLMU-1	0.5	2.5 +	3.1	4.49	0.80 ++	5.62 -	1042.	50.	1.
3554	0000	-924	37.7183	80.0209	DLMU-1	0.5	2.0 +	2.9	4.35	0.71 +	6.16	934.	52.	3.
3555	0000	-923	37.7183	80.0203	DLMU-1	0.5	1.8	3.1	3.91	0.57 +	6.81	877.	49.	3.
3556	0000	-924	37.7183	80.0199	DLMU-1	0.4	1.5	3.2	3.60	0.48	7.45	835.	50.	4.
3557	0000	-926	37.7183	80.0192	DLMU-1	0.4	1.5	2.6 -	3.58	0.56 +	6.38	781.	50.	4.
3558	0000	-927	37.7183	80.0187	DLMU-1	0.4	0.9	2.7	2.50	0.36	7.02	719.	52.	5.
3559	0000	-925	37.7184	80.0182	DLMU-1	0.3	0.8 -	2.5 -	2.53	0.32	7.88	658.	52.	6.
3560	0000	-925	37.7184	80.0177	DLMU-1	0.3	0.7 -	2.3 -	2.56	0.32	8.09	610.	50.	6.
3561	0000	-926	37.7184	80.0171	DLMU-1	0.2	0.6 --	2.2 -	2.42	0.27	9.10	559.	51.	5.
3562	0000	-927	37.7184	80.0166	DLMU-1	0.2	0.6 --	2.0 -	2.78	0.30	9.25	514.	52.	4.
3563	0000	-927	37.7183	80.0160	DLMU-1	0.2	0.5 --	1.7 -	2.40	0.30	8.12	475.	55.	3.
3564	0000	-925	37.7183	80.0155	DLMU-1	0.2 -	0.5 --	1.9 -	2.75	0.28	9.98	459.	56.	3.
3565	0000	-926	37.7183	80.0149	DLMU-1	0.1 -	0.8 -	1.8 -	5.33	0.44	12.08	459.	52.	1.
3566	0000	-928	37.7183	80.0144	DLMU-1	0.2 -	0.8 -	1.8 -	4.74	0.44	10.76	455.	53.	1.
3567	0000	-929	37.7183	80.0138	DLMU-1	0.2 -	1.0	1.7 -	6.11	0.58 +	10.52	463.	56.	1.
3568	0000	-930	37.7183	80.0134	DLMU-1	0.2 -	1.2	1.4 -	6.90 +	0.88 ++	7.81	477.	52.	1.
3569	0000	-930	37.7183	80.0127	DLMU-1	0.2 -	1.2	1.7 -	8.07 +	0.74 +	10.85	480.	52.	1.
3570	0000	-928	37.7183	80.0122	DLMU-1	0.1 -	1.3	1.7 -	11.45 +	0.80 ++	14.35	488.	50.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 80, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3571	0000	-927	37.7183	80.0116 DLMU-1	0.1 -	1.3	1.5 -	9.60 +	0.89 ++	10.83	488.	50.	2.
3572	0000	-927	37.7183	80.0112 DLMU-1	0.1 -	1.1	1.7 -	7.68 +	0.66 +	11.58	472.	56.	3.
3573	0000	-927	37.7183	80.0106 DLMU-1	0.1 -	1.1	1.9 -	7.57 +	0.58 +	13.10	477.	54.	3.
3574	0000	-929	37.7183	80.0101 DLMU-1	0.2 -	0.9 -	1.9 -	5.68	0.45	12.51	472.	53.	4.
3575	0000	-929	37.7183	80.0095 DLMU-1	0.2 -	0.7 -	2.0 -	4.63	0.36	12.88	466.	54.	5.
3576	0000	-927	37.7183	80.0090 DLMU-1	0.2	0.6 -	1.8 -	3.29	0.37	8.95	470.	57.	5.
3577	0000	-929	37.7183	80.0084 DLMU-1	0.2	0.5 --	2.0 -	2.13	0.23 -	9.16	478.	58.	6.
3578	0000	-929	37.7183	80.0079 DLMU-1	0.2	0.5 --	2.3 -	2.00	0.20 -	9.79	492.	58.	6.
3579	0000	-929	37.7183	80.0073 DLMU-1	0.3	0.5 --	2.5 -	1.76 -	0.19 -	9.08	522.	54.	5.
3580	0000	-929	37.7183	80.0068 DLMU-1	0.3	0.5 --	2.6 -	1.70 -	0.20 -	8.61	543.	55.	5.
3581	0000	-928	37.7183	80.0062 DLMU-1	0.3	0.6 --	2.9	2.10	0.21 -	10.18	567.	55.	5.
3582	0000	-928	37.7183	80.0057 DLMU-1	0.3	0.6 -	3.4	2.21	0.19 -	11.76	595.	53.	4.
3583	0000	-929	37.7183	80.0051 DLMU-1	0.3	0.8 -	3.7	2.99	0.22 -	13.85	612.	51.	4.
3584	0000	-927	37.7183	80.0047 DLMU-1	0.2	1.0	3.6	4.20	0.29	14.44	612.	48.	3.
3585	0000	-927	37.7183	80.0040 DLMU-1	0.2	1.1	3.4	4.64	0.34	13.80	612.	48.	3.
3586	0000	-928	37.7183	80.0036 DLMU-1	0.2	1.1	3.2	5.24	0.34	15.63	597.	51.	3.
3587	0000	-928	37.7183	80.0030 DLMU-1	0.2 -	1.1	3.0	6.51 +	0.36	18.00 +	580.	52.	3.
3588	0000	-928	37.7183	80.0025 DLMU-1	0.2 -	1.1	2.7	6.33	0.41	15.47	571.	54.	3.
3589	0000	-929	37.7183	80.0019 DLMU-1	0.2 -	1.1	2.7	6.33	0.41	15.47	571.	54.	3.
3590	0000	-930	37.7183	80.0014 DLMU-1	0.2 -	1.1	2.7	6.33	0.41	15.47	571.	54.	3.
3591	0000	-930	37.7182	80.0009 DLMU-1	0.2 -	1.1	2.7	6.33	0.41	15.47	571.	54.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-920	37.6285	80.0007	SCY	0.1	2.0 +	3.5	13.85 +	0.53 -	34.08 +	892.	44.	8.
2	0000	-923	37.6285	80.0012	SCY	0.1	2.0 +	3.5	13.85 +	0.53 -	34.08 +	892.	44.	8.
3	0000	-925	37.6286	80.0016	SCY	0.1	2.0 +	3.5	13.85 +	0.53 +	34.08 +	892.	44.	8.
4	0000	-926	37.6286	80.0021	SCY	0.1	2.0 +	3.5	13.85 +	0.53 +	34.08 +	892.	44.	8.
5	0000	-926	37.6286	80.0026	SCY	0.1 -	1.8	3.2	14.48 +	0.59 +	34.58 +	847.	45.	9.
6	0000	-926	37.6287	80.0030	SCY	0.1 -	1.8	3.0	16.23 +	0.61 +	35.79 +	813.	44.	10.
7	0000	-927	37.6287	80.0034	SCY	0.1 -	1.7	2.8	16.83 +	0.61 +	37.78 +	782.	47.	10.
8	0000	-927	37.6287	80.0039	SCY	0.1 -	1.7	2.7	15.33 +	0.61 +	25.14 +	746.	50.	11.
9	0000	-927	37.6288	80.0044	SCY	0.1 -	1.5	2.6	13.77 +	0.57 +	24.18 +	723.	50.	11.
10	0100	-929	37.6289	80.0048	SCY	0.1 N.A.	1.8	2.5 -	20.91 N.A.	0.73 +	28.82 N.A.	717.	54.	10.
11	0000	-929	37.6289	80.0053	STC-1	0.1 -	1.7 +	2.7	13.76 ++	0.64 +	21.66 +	720.	54.	11.
12	0000	-928	37.6289	80.0057	STC-1	0.1 -	1.7 +	2.5	13.56 ++	0.66 +	20.46 +	722.	53.	10.
13	0000	-928	37.6290	80.0062	STC-1	0.1 -	1.6 +	2.6	12.89 ++	0.63 +	20.36 +	723.	54.	10.
14	0000	-930	37.6290	80.0067	STC-1	0.1 -	1.6 +	2.7	11.36 ++	0.57 +	19.93 +	729.	54.	9.
15	0000	-930	37.6291	80.0071	STC-1	0.2 -	1.4	2.9	9.39 +	0.49	19.09 +	752.	53.	10.
16	0000	-930	37.6291	80.0076	STC-1	0.2	1.2	3.0	7.16 +	0.41	17.50 +	759.	51.	10.
17	0000	-930	37.6291	80.0080	STC-1	0.2	0.9	3.1	5.17	0.28	18.42 +	760.	51.	11.
18	0000	-931	37.6292	80.0085	STC-1	0.2	0.9	2.9	5.04	0.30	16.92 +	755.	50.	11.
19	0000	-931	37.6292	80.0089	STC-1	0.2	0.8	3.3	3.76	0.24 -	15.97	761.	50.	11.
20	0000	-932	37.6292	80.0094	STC-1	0.2	0.8	3.1	3.80	0.25 -	15.78	755.	51.	11.
21	0000	-932	37.6293	80.0099	STC-1	0.2	0.7 -	3.3	3.05	0.21 -	14.13	762.	51.	12.
22	0000	-933	37.6294	80.0103	STC-1	0.2	0.7 -	3.3	3.18	0.21 -	14.90	746.	53.	11.
23	0000	-933	37.6294	80.0107	STC-1	0.2	0.7 -	3.5	3.05	0.21 -	15.71	744.	52.	10.
24	0000	-933	37.6294	80.0112	STC-1	0.2	1.0	3.5	4.45	0.27	16.50	750.	53.	9.
25	0000	-932	37.6295	80.0117	STC-2	0.2 -	0.8 -	4.1 -	5.13	0.32	18.41 +	769.	54.	9.
26	0000	-933	37.6295	80.0121	STC-2	0.2 -	1.0 -	4.2 -	5.80	0.35	20.29 +	780.	55.	8.
27	0000	-933	37.6295	80.0126	STC-2	0.2 -	1.0	4.8	5.96	0.31	19.35 +	818.	55.	7.
28	0000	-933	37.6296	80.0131	STC-2	0.2 -	1.2	5.0	5.11 -	0.23	21.83 +	831.	55.	5.
29	0000	-933	37.6296	80.0135	STC-2	0.3	1.1	5.3	3.80	0.22	17.60 +	873.	54.	4.
30	0000	-933	37.6297	80.0140	STC-2	0.3	1.3	5.4	4.04	0.23	17.71 +	892.	57.	3.
31	0000	-934	37.6297	80.0144	STC-2	0.3	1.3	5.8	4.17	0.22	19.13 +	900.	58.	2.
32	0000	-936	37.6298	80.0149	STC-2	0.3	1.5	5.6	5.02 +	0.27	18.63 +	905.	57.	1.
33	0000	-936	37.6298	80.0153	STC-2	0.3	1.7	5.5	5.49 +	0.33	16.60	901.	59.	1.
34	0000	-936	37.6299	80.0158	STC-2	0.3	1.9	6.0	6.64 +	0.37 +	17.72 +	874.	57.	0.
35	0000	-936	37.6299	80.0162	STC-2	0.3	1.8	4.7	5.94 +	0.38 +	15.47	854.	58.	0.
36	0000	-937	37.6300	80.0167	STC-2	0.3 -	1.7	4.1 -	6.76 +	0.43 +	15.38	796.	58.	0.
37	0000	-938	37.6300	80.0172	OMUU	0.2 -	1.6	3.7 -	6.56 +	0.44 +	14.88 +	754.	58.	1.
38	0000	-937	37.6300	80.0176	OMUU	0.2 -	1.6	3.1 -	7.16 ++	0.51 +	14.02 +	727.	57.	1.
39	0000	-937	37.6301	80.0180	OMUU	0.2 -	1.3	3.1 -	5.80 +	0.42 +	13.89 +	710.	56.	3.
40	0000	-938	37.6301	80.0185	OMUU	0.2 -	1.0	3.2 -	4.46 +	0.33	13.66 +	708.	56.	3.
41	0000	-938	37.6301	80.0190	OMUU	0.3 -	0.8 -	3.3 -	3.11	0.20	10.91	741.	58.	4.
42	0000	-939	37.6302	80.0194	OMUU	0.3	0.8 -	3.8	2.57	0.23	10.94	788.	55.	5.
43	0000	-939	37.6303	80.0199	OMUU	0.5	1.0 -	4.6	2.19	0.24	9.09	871.	56.	7.
44	0000	-940	37.6303	80.0203	OMUU	0.5	1.1	4.7	2.02	0.23	8.90	878.	57.	8.
45	0000	-940	37.6303	80.0208	OMUU	0.6	1.1	5.3	1.75	0.20	8.56	1089.	57.	8.
46	0000	-939	37.6304	80.0213	OMUU	0.7	1.2	5.0	1.68	0.20	8.28	1318.	59.	8.
47	0000	-940	37.6304	80.0217	OMUU	0.9	1.3	5.8	1.48	0.18	7.93	1351.	57.	9.
48	0000	-941	37.6305	80.0221	OMUU	1.0	1.3	7.4	1.31	0.15 -	7.57	1450.	56.	9.
49	0000	-941	37.6305	80.0226	OMUU	1.2 +	1.3	7.5 +	1.10 -	0.15 -	6.47	1570.	58.	9.
50	0000	-941	37.6305	80.0231	OMUU	1.3 +	1.3	8.1 +	1.00 -	0.15 -	6.38	1660.	58.	8.
51	0000	-942	37.6306	80.0235	STC-2	1.4 +	1.4	8.5 ++	1.01 -	0.17 -	5.95 -	1735.	59.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-942	37.6306	80.0239	STC-2	1.6 ++	1.4	8.9 ++	0.92 --	0.15 -	5.74 -	1826.	58.	7.
53	0000	-943	37.6306	80.0244	STC-2	1.7 ++	1.3	9.3 ++	0.82 --	0.15 -	5.60 -	1862.	58.	7.
54	0000	-943	37.6307	80.0249	STC-2	1.7 ++	1.5	9.1 ++	0.86 --	0.15 -	5.57 -	1873.	59.	5.
55	0000	-942	37.6308	80.0253	STC-2	1.7 ++	1.5	8.6 ++	0.89 --	0.17 -	5.10 -	1847.	59.	5.
56	0000	-943	37.6308	80.0258	STC-2	1.5 ++	1.7	8.4 ++	1.12 -	0.20	5.66 -	1759.	59.	3.
57	0000	-943	37.6308	80.0262	SCY	1.4 ++	1.7	8.3 ++	1.23 --	0.20 -	6.15 -	1676.	58.	3.
58	0000	-945	37.6309	80.0267	SCY	1.2 +	1.4	8.1 ++	1.19 --	0.18 --	6.80 -	1572.	56.	2.
59	0000	-946	37.6309	80.0272	SCY	1.0 +	1.4	7.5 +	1.39 -	0.19 -	7.26 -	1427.	57.	2.
60	0000	-946	37.6310	80.0276	SCY	0.8 +	1.5	6.6 +	1.80 -	0.23 -	7.82 -	1293.	57.	1.
61	0000	-946	37.6310	80.0280	DLMU-1	0.6	1.4	6.0 +	2.27	0.23 -	9.75	1152.	60.	1.
62	0000	-947	37.6310	80.0285	DLMU-1	0.5	1.5	5.7 +	2.75	0.25	10.88	1061.	60.	1.
63	0000	-948	37.6311	80.0290	DLMU-1	0.5	1.3	5.4	2.68	0.23 -	11.46	988.	60.	1.
64	0000	-948	37.6311	80.0294	DLMU-1	0.4	1.2	4.7	2.70	0.26	10.54	922.	60.	1.
65	0000	-949	37.6312	80.0298	DLMU-1	0.4	1.3	4.2	3.59	0.32	11.19	850.	61.	0.
66	0000	-949	37.6312	80.0304	DLMU-1	0.3	1.3	3.8	4.07	0.35	11.77	799.	59.	1.
67	0000	-948	37.6313	80.0308	DLMU-1	0.3	1.2	3.5	3.97	0.34	11.58	755.	59.	2.
68	0000	-949	37.6313	80.0312	SCY	0.3	1.1	3.3	3.72	0.34	11.00	721.	57.	2.
69	0000	-950	37.6313	80.0317	SCY	0.3	0.9 -	3.0	3.06	0.29	10.38	696.	55.	4.
70	0000	-950	37.6314	80.0322	SCY	0.3	1.0 -	2.7	3.59	0.36	10.12	679.	53.	5.
71	0000	-949	37.6315	80.0326	SCY	0.2	0.9 -	2.8	4.13	0.33	12.67	654.	51.	6.
72	0000	-949	37.6315	80.0331	STC-1	0.2	0.9	2.6	3.98	0.34	11.87	649.	51.	7.
73	0000	-950	37.6315	80.0336	STC-1	0.2	0.7 -	2.5	3.11	0.29	10.83	642.	52.	8.
74	0000	-950	37.6316	80.0340	STC-1	0.2	0.8	2.5	3.57	0.33	10.82	666.	51.	7.
75	0000	-950	37.6316	80.0345	STC-1	0.2	1.0	2.3 -	4.21	0.43	9.84	690.	51.	7.
76	0000	-950	37.6317	80.0349	STC-1	0.2	1.3	2.4 -	6.77	0.56 +	12.05	705.	50.	7.
77	0000	-950	37.6317	80.0354	STC-1	0.2	1.3	2.6	6.30	0.48	12.99	728.	50.	6.
78	0000	-950	37.6317	80.0358	STC-1	0.2	1.3	3.0	6.18	0.45	13.68	754.	53.	5.
79	0000	-950	37.6318	80.0363	STC-1	0.2	1.3	3.4	5.35	0.38	13.94	776.	52.	4.
80	0000	-950	37.6318	80.0367	STC-1	0.2	1.4	3.9 +	6.17	0.36	17.32 +	808.	53.	4.
81	0000	-950	37.6319	80.0372	STC-2	0.3 -	1.3	4.3 -	5.13 +	0.30	16.90	819.	54.	3.
82	0000	-950	37.6319	80.0377	STC-2	0.3 -	1.1	4.9	4.13	0.22	18.78 +	834.	55.	3.
83	0000	-950	37.6320	80.0381	STC-2	0.3 -	0.9 -	5.4	3.27	0.16 -	20.29 +	838.	58.	3.
84	0000	-950	37.6320	80.0385	OMUU	0.3 -	0.9 -	5.7	3.66	0.17 -	22.11 ++	852.	60.	3.
85	0000	-950	37.6320	80.0390	OMUU	0.3 -	0.9 -	6.0	3.61	0.15 -	23.43 ++	878.	60.	2.
86	0000	-951	37.6321	80.0395	OMUU	0.3 -	0.9 -	6.5	3.12	0.13 -	23.62 ++	908.	59.	2.
87	0000	-950	37.6321	80.0399	OMUU	0.3 -	1.0 -	6.7	3.61	0.15 -	24.61 ++	941.	60.	2.
88	0000	-950	37.6322	80.0404	OMUU	0.3 -	1.1	6.5	4.04 +	0.16 -	24.73 ++	964.	61.	2.
89	0000	-951	37.6322	80.0408	OMUU	0.3 -	1.3	6.4	4.31 +	0.21	20.81 ++	996.	60.	1.
90	0000	-951	37.6322	80.0412	OMUU	0.3	1.3	6.8	3.87	0.20	19.49 ++	1032.	61.	1.
91	0000	-951	37.6323	80.0418	OMUU	0.4	1.2	6.5	2.85	0.19	14.77 +	1050.	60.	1.
92	0000	-951	37.6324	80.0422	OMUU	0.5	1.3	6.2	2.76	0.21	12.97 +	1060.	59.	0.
93	0000	-950	37.6324	80.0426	OMUU	0.5	1.5	5.6	3.06	0.26	11.79	1051.	60.	0.
94	0000	-950	37.6324	80.0431	OMUU	0.5	1.4	5.4	2.69	0.25	10.82	1033.	61.	0.
95	0000	-951	37.6325	80.0435	OMUU	0.5	1.3	5.6	2.73	0.23	11.68	1012.	58.	0.
96	0000	-952	37.6325	80.0440	OMUU	0.5	1.1	5.6	2.47	0.20	12.13	992.	60.	0.
97	0000	-953	37.6325	80.0444	OMUU	0.4	1.1	5.2	2.53	0.21	11.87	968.	61.	0.
98	0000	-953	37.6326	80.0449	OMUU	0.4	1.0	5.6	2.56	0.18 -	13.91 +	948.	60.	1.
99	0000	-952	37.6326	80.0453	STC-2	0.4	1.1	5.6	2.95	0.19	15.66	932.	61.	1.
100	0000	-952	37.6327	80.0458	STC-2	0.3	1.1	5.9	3.56	0.19	18.48 +	936.	59.	1.
101	0000	-952	37.6327	80.0463	STC-2	0.3	1.2	5.9	3.85	0.20	18.82 +	939.	58.	1.
102	0000	-953	37.6327	80.0467	STC-2	0.4	1.3	5.9	3.42	0.21	16.03	946.	61.	1.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-953	37.6328	80.0472	STC-2	0.4	1.2	6.0	3.35	0.20	16.46	954.	59.	1.
104	0000	-954	37.6329	80.0477	STC-2	0.4	1.2	5.8	3.05	0.20	15.07	964.	59.	1.
105	0000	-955	37.6329	80.0481	STC-2	0.4	1.2	5.5	3.20	0.22	14.72	962.	60.	2.
106	0000	-956	37.6329	80.0485	SCY	0.4	1.0 -	5.5 +	2.28 -	0.18 --	13.02	956.	62.	2.
107	0000	-957	37.6330	80.0490	SCY	0.4	1.0	5.1	2.36 -	0.20 -	11.67	945.	62.	2.
108	0000	-957	37.6330	80.0495	SCY	0.4	1.2	5.1	3.01	0.23 -	13.01	918.	64.	1.
109	0000	-957	37.6330	80.0499	SCY	0.4	1.2	4.9	3.32	0.24 -	13.92	891.	62.	1.
110	0000	-957	37.6331	80.0503	SCY	0.3	1.3	4.8	3.92	0.26 -	14.92	858.	62.	1.
111	0000	-957	37.6331	80.0509	SCY	0.3	1.3	4.7	4.23	0.28	15.22	834.	61.	1.
112	0000	-958	37.6332	80.0513	DLMU-1	0.3	1.7	4.5	6.21	0.37	16.81 +	824.	62.	0.
113	0000	-957	37.6332	80.0517	DLMU-1	0.2	1.9	4.2	8.88 +	0.44	20.01 +	801.	59.	0.
114	0000	-957	37.6332	80.0522	DLMU-1	0.2	1.9	4.3	8.49 +	0.44	19.42 +	778.	60.	0.
115	0000	-958	37.6333	80.0526	DLMU-1	0.3	1.6	4.3	6.50 +	0.39	16.87 +	771.	61.	0.
116	0000	-958	37.6333	80.0531	DLMU-1	0.3	1.7	3.9	6.50 +	0.44	14.86	763.	62.	1.
117	0000	-958	37.6333	80.0536	SCY	0.3	1.7	3.7	6.03	0.47	12.93	758.	62.	3.
118	0000	-958	37.6334	80.0540	SCY	0.3	1.6	3.6	5.40	0.44	12.17	757.	60.	4.
119	0000	-957	37.6335	80.0545	SCY	0.3	1.0	4.3	3.26	0.23 -	14.04	747.	59.	5.
120	0000	-958	37.6335	80.0550	SCY	0.3	1.1	4.0	3.53	0.26 -	13.55	767.	60.	6.
121	0000	-958	37.6335	80.0554	SCY	0.3	1.1	3.8	4.04	0.30	13.65	765.	58.	6.
122	1000	-958	37.6336	80.0558	SCY	0.2	1.2	3.4	5.73	0.36	15.78	760.	58.	6.
123	1000	-958	37.6336	80.0563	STC-1	0.2	1.1	3.5	5.61	0.31	17.90 +	772.	55.	6.
124	1000	-958	37.6336	80.0568	STC-1	0.2	1.2	3.9 +	5.90	0.30	19.99 +	779.	54.	5.
125	1100	-958	37.6336	80.0574	STC-2	0.1 N.A.	1.4	4.1 -	12.61 N.A.	0.35	35.63 N.A.	774.	54.	4.
126	1100	-958	37.6336	80.0580	STC-1	0.1 N.A.	1.8 +	3.5	15.31 N.A.	0.51 +	30.24 N.A.	760.	53.	4.
127	0000	-958	37.6336	80.0585	STC-1	0.2 -	1.6 +	3.9 +	10.14 +	0.40	25.23 ++	728.	55.	3.
128	0000	-957	37.6336	80.0591	STC-1	0.2 -	1.2	3.8 +	7.39 +	0.32	23.11 ++	710.	56.	4.
129	0000	-957	37.6335	80.0597	STC-1	0.2	1.2	3.6 +	4.92	0.33	15.00	706.	55.	4.
130	0000	-958	37.6335	80.0602	STC-1	0.2	1.2	3.5	5.25	0.33	15.83	699.	57.	4.
131	0000	-958	37.6335	80.0607	STC-1	0.2	1.2	3.0	5.36	0.40	13.45	694.	58.	5.
132	0000	-956	37.6335	80.0613	STC-1	0.3	1.0	3.0	3.23	0.34	9.64	706.	57.	5.
133	0000	-956	37.6335	80.0618	STC-1	0.3	1.1	3.0	3.44	0.37	9.32 -	739.	57.	6.
134	0000	-956	37.6335	80.0624	STC-1	0.3	1.2	3.2	4.05	0.38	10.68	783.	55.	6.
135	0000	-955	37.6334	80.0630	STC-1	0.3	1.2	4.0 +	4.09	0.31	13.08	840.	54.	6.
136	0000	-954	37.6334	80.0635	STC-2	0.3	1.4	4.4	4.79 +	0.31	15.67	886.	53.	6.
137	0000	-954	37.6334	80.0640	STC-2	0.3	1.3	5.1	4.09	0.26	15.52	928.	53.	5.
138	0000	-954	37.6334	80.0647	STC-2	0.3	1.4	5.4	4.18	0.26	16.40	967.	55.	5.
139	0000	-955	37.6334	80.0651	STC-2	0.3	1.5	5.6	4.66	0.27	17.14	997.	55.	5.
140	0000	-955	37.6333	80.0657	STC-2	0.3	1.3	6.0	3.87	0.22	17.70 +	1003.	57.	5.
141	0000	-956	37.6333	80.0663	STC-2	0.4	1.4	5.8	3.80	0.24	15.89	1011.	56.	5.
142	0000	-957	37.6333	80.0668	STC-2	0.4	1.4	5.6	3.99	0.26	15.58	998.	58.	6.
143	0000	-955	37.6333	80.0674	STC-2	0.4	1.2	5.9	3.29	0.21	15.92	989.	57.	6.
144	0000	-955	37.6333	80.0680	STC-2	0.3	1.4	5.6	4.04	0.24	16.69	949.	57.	5.
145	0000	-955	37.6333	80.0685	STC-2	0.3	1.3	5.5	3.67	0.23	16.01	928.	56.	5.
146	0000	-955	37.6332	80.0691	STC-2	0.3	1.2	5.4	3.79	0.22	17.33 +	900.	56.	4.
147	0000	-955	37.6332	80.0696	STC-2	0.3	1.5	5.1	5.33 +	0.29	18.32 +	888.	55.	3.
148	0000	-955	37.6332	80.0701	STC-2	0.3	1.3	4.9	4.29	0.26	16.61	864.	56.	2.
149	0000	-955	37.6332	80.0707	STC-2	0.3	1.3	5.0	4.33	0.26	16.57	867.	53.	1.
150	0000	-955	37.6332	80.0713	STC-2	0.3	1.3	4.8	4.34	0.28	15.67	869.	56.	1.
151	0000	-954	37.6332	80.0718	STC-2	0.3	1.4	5.0	4.33	0.27	15.99	891.	55.	1.
152	0000	-953	37.6332	80.0724	STC-2	0.3	1.3	5.2	4.43	0.25	17.63 +	901.	57.	1.
153	0000	-955	37.6332	80.0729	STC-2	0.3	1.2	5.5	3.50	0.21	16.73	919.	60.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-957	37.6331	80.0734	STC-2	0.4	1.0	5.5	2.56	0.18 -	14.09	938.	59.	3.
155	0000	-957	37.6331	80.0741	STC-2	0.3	1.3	5.6	3.80	0.23	16.33	964.	60.	3.
156	0000	-956	37.6331	80.0746	STC-2	0.3	1.5	5.5	4.43	0.27	16.65	982.	63.	4.
157	0000	-957	37.6331	80.0751	STC-2	0.4	1.5	5.7	4.25	0.27	15.78	1010.	63.	4.
158	0000	-958	37.6331	80.0757	STC-2	0.4	1.7	5.7	4.32	0.29	14.84	1034.	64.	4.
159	0000	-957	37.6331	80.0763	STC-2	0.4	1.7	5.9	3.89	0.29	13.61	1049.	63.	4.
160	0000	-956	37.6330	80.0768	STC-2	0.4	1.8	5.7	4.03	0.31	12.97	1065.	60.	3.
161	0000	-957	37.6330	80.0774	STC-2	0.4	1.9	5.9	4.47	0.32	14.00	1074.	62.	2.
162	0000	-956	37.6330	80.0779	STC-2	0.5	1.7	5.9	3.72	0.29	12.98	1074.	62.	2.
163	0000	-955	37.6330	80.0784	STC-2	0.5	1.6	6.1	3.42	0.25	13.52	1054.	59.	1.
164	0000	-955	37.6330	80.0790	STC-2	0.4	1.6	5.9	3.89	0.28	14.14	1031.	59.	1.
165	0000	-956	37.6329	80.0796	STC-2	0.4	1.6	5.9	3.97	0.27	14.73	1021.	58.	1.
166	0000	-956	37.6329	80.0801	STC-2	0.3	1.7	5.8	4.98 +	0.29	16.93	1008.	57.	1.
167	0000	-956	37.6329	80.0807	STC-2	0.3	1.6	6.1	5.20 +	0.26	19.76 +	996.	58.	1.
168	0000	-957	37.6329	80.0813	STC-2	0.3	1.5	6.1	4.64	0.24	19.24 +	985.	55.	2.
169	0000	-956	37.6329	80.0817	STC-2	0.3	1.4	5.9	4.40	0.24	18.46 +	952.	54.	3.
170	0000	-955	37.6329	80.0824	STC-2	0.3	1.4	5.4	4.23	0.26	16.15	940.	54.	4.
171	0000	-956	37.6328	80.0829	STC-2	0.3	1.2	4.9	3.78	0.25	15.13	886.	55.	5.
172	0000	-955	37.6329	80.0834	STC-2	0.3	1.0 -	4.6	3.07	0.20	15.01	826.	56.	6.
173	0000	-954	37.6329	80.0840	STC-2	0.3	0.6 --	4.3 -	1.98	0.14 -	14.06	760.	59.	6.
174	0000	-955	37.6328	80.0846	STC-1	0.3	0.6 -	3.6	1.77 -	0.16 --	11.39	694.	59.	7.
175	0000	-955	37.6328	80.0851	STC-1	0.3	0.5 --	3.0	1.94 -	0.18 -	10.94	642.	60.	7.
176	0000	-953	37.6328	80.0857	STC-1	0.2	0.6 -	2.8	2.46 -	0.21 -	11.69	621.	59.	7.
177	0000	-954	37.6328	80.0862	STC-1	0.2	0.5 -	2.6	2.48 -	0.21 -	12.05	575.	60.	7.
178	0000	-954	37.6328	80.0868	STC-1	0.2	0.8	2.3 -	4.19	0.37	11.46	569.	60.	7.
179	0000	-953	37.6327	80.0873	STC-1	0.2	0.9	2.0 -	4.50	0.44	10.23	568.	60.	7.
180	0000	-953	37.6327	80.0879	STC-1	0.2	1.0	1.7 --	5.16	0.60 +	8.63 -	594.	58.	7.
181	0000	-952	37.6327	80.0884	STC-1	0.2 -	1.2	1.9 -	7.07 +	0.62 +	11.43	608.	59.	7.
182	0000	-952	37.6327	80.0890	STC-1	0.2	1.3	2.2 -	6.78	0 60 +	11.38	642.	59.	8.
183	0000	-952	37.6327	80.0896	STC-1	0.2	1.2	2.5	5.94	0.49	12.10	667.	59.	8.
184	0000	-953	37.6327	80.0900	STC-1	0.2	1.1	2.5	4.58	0.42	10.87	697.	60.	8.
185	0000	-952	37.6326	80.0907	STC-1	0.2	0.7	2.8	3.08	0.26	11.66	714.	60.	9.
186	0000	-950	37.6326	80.0913	STC-1	0.2	0.7	2.8	3.06	0.27	11.43	718.	61.	9.
187	0000	-950	37.6326	80.0917	STC-1	0.2	0.8	2.7	3.29	0.29	11.42	715.	60.	8.
188	0000	-951	37.6326	80.0923	STC-1	0.3	0.7 -	2.5	2.46 -	0.28	8.70 -	715.	60.	7.
189	0000	-951	37.6326	80.0929	STC-1	0.2	0.7 -	2.5	2.95	0.29	10.10	689.	61.	6.
190	0000	-950	37.6325	80.0934	STC-1	0.2	0.9	2.0 -	4.06	0.42	9.69	654.	62.	5.
191	0000	-949	37.6325	80.0940	STC-1	0.2	1.1	2.0 -	6.05	0.54 +	11.30	637.	60.	3.
192	0000	-949	37.6325	80.0945	STC-1	0.2	1.1	2.0 -	6.47	0.57 +	11.40	613.	58.	2.
193	0000	-950	37.6325	80.0951	STC-1	0.2 -	1.3	1.8 -	8.66 +	0.72 ++	11.99	593.	56.	1.
194	0000	-950	37.6325	80.0956	STC-1	0.1 -	1.3	2.1 -	8.90 +	0.63 +	14.09	579.	54.	1.
195	0000	-949	37.6325	80.0962	STC-1	0.1 --	1.4	2.4 -	13.10 ++	0.58 +	22.42 ++	567.	54.	0.
196	0000	-949	37.6324	80.0967	STC-1	0.1 --	1.2	2.3 -	10.28 +	0.53 +	19.58 +	556.	55.	1.
197	0000	-950	37.6324	80.0973	STC-1	0.1 -	1.2	2.4 -	9.00 +	0.52 +	17.27 +	570.	55.	1.
198	0000	-949	37.6324	80.0979	STC-1	0.1 -	1.2	2.7	8.46 +	0.45	18.86 +	580.	55.	1.
199	0000	-949	37.6324	80.0984	STC-1	0.1 -	1.4	3.2	10.36 +	0.43	24.31 ++	625.	56.	2.
200	0000	-949	37.6324	80.0990	STC-2	0.2 -	1.3	4.0 -	8.03 ++	0.31	25.71 +	662.	56.	2.
201	0000	-949	37.6324	80.0995	STC-2	0.1 --	1.2	4.3 -	8.35 ++	0.27	30.44 ++	683.	59.	1.
202	0000	-950	37.6324	80.1001	STC-2	0.2 -	1.3	4.4	7.79 +	0.30	26.16 +	726.	59.	1.
203	0000	-949	37.6324	80.1006	STC-2	0.2 -	1.4	5.1	8.17 ++	0.28	28.77 ++	769.	59.	1.
204	0000	-947	37.6323	80.1012	STC-2	0.2 -	1.5	5.4	8.58 ++	0.27	31.99 ++	782.	60.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-947	37.6323	80.1017	STC-2	0.2 -	1.6	5.3	9.60 ++	0.29	32.62 ++	796.	61.	0.
206	0000	-948	37.6323	80.1023	OMUU	0.2 -	1.4	4.8	7.39 ++	0.30	24.86 ++	782.	61.	1.
207	0000	-947	37.6323	80.1028	OMUU	0.2 -	1.5	4.1	6.85 ++	0.36	18.92 ++	783.	60.	2.
208	0000	-946	37.6323	80.1034	OMUU	0.2 -	1.6	4.0	6.79 ++	0.38 +	17.67 +	789.	57.	2.
209	0000	-946	37.6323	80.1039	OMUU	0.2 -	1.5	3.7 -	7.59 ++	0.41 +	18.64 ++	769.	55.	3.
210	0000	-946	37.6322	80.1045	OMUU	0.2 -	1.5	3.1 -	7.82 ++	0.49 +	16.04 +	763.	55.	4.
211	0000	-946	37.6322	80.1050	OMUU	0.2 -	1.3	3.4 -	5.45 +	0.37	14.90 +	772.	54.	5.
212	0000	-945	37.6322	80.1056	STC-1	0.3	1.2	3.5	4.23	0.33	12.67	783.	55.	6.
213	0000	-945	37.6322	80.1062	STC-1	0.3	1.1	3.6 +	4.03	0.32	12.62	802.	56.	7.
214	0000	-945	37.6322	80.1067	STC-1	0.2	1.1	3.9 +	4.80	0.28	17.10 +	799.	56.	8.
215	0000	-944	37.6321	80.1073	STC-1	0.2	1.0	3.5	4.46	0.30	14.96	794.	61.	9.
216	0000	-944	37.6321	80.1079	SCY	0.2	1.0	3.8	4.31	0.27	15.90	798.	62.	9.
217	0000	-944	37.6321	80.1084	SCY	0.2	1.2	3.9	5.24	0.30	17.63	786.	62.	7.
218	0000	-943	37.6321	80.1090	SCY	0.2	1.5	3.7	8.64	0.40	21.83 +	788.	61.	6.
219	0000	-943	37.6321	80.1095	SCY	0.1 -	1.5	3.7	12.49 +	0.41	30.12 +	782.	59.	6.
220	0000	-943	37.6321	80.1100	SCY	0.1 -	1.4	4.0	11.50 +	0.36	32.05 +	787.	59.	5.
221	0000	-942	37.6320	80.1106	SCY	0.2	1.5	4.1	7.89	0.38	20.96 +	815.	57.	4.
222	0000	-941	37.6320	80.1112	SCY	0.2	1.6	4.3	7.16	0.37	19.25	828.	55.	3.
223	0000	-940	37.6320	80.1117	SCY	0.3	1.6	4.1	5.63	0.39	14.40	851.	54.	3.
224	0000	-941	37.6320	80.1122	SCY	0.4	1.5	4.2	4.09	0.35	11.80	884.	53.	3.
225	0000	-940	37.6320	80.1128	DLMU-1	0.4	1.4	4.0	3.34	0.36	9.26	908.	51.	3.
226	0000	-939	37.6320	80.1133	DLMU-1	0.5	1.3	4.2	2.76	0.31	8.83	935.	52.	3.
227	0000	-940	37.6320	80.1139	DLMU-1	0.5	1.7	4.0	3.63	0.42	8.64	945.	51.	3.
228	0000	-940	37.6320	80.1145	DLMU-1	0.4	1.7	3.9	3.95	0.44	8.99	929.	52.	3.
229	0000	-938	37.6319	80.1150	DLMU-1	0.4	1.7	3.9	3.97	0.42	9.45	922.	51.	2.
230	0000	-937	37.6319	80.1156	DLMU-1	0.4	1.6	4.1	4.53	0.39	11.59	894.	49.	2.
231	0000	-938	37.6319	80.1162	DLMU-1	0.3	1.4	4.0	4.94	0.36	13.76	850.	48.	2.
232	0000	-939	37.6319	80.1167	DLMU-1	0.3	1.2	4.0	4.80	0.30	16.09 +	801.	49.	3.
233	0000	-938	37.6319	80.1173	DLMU-1	0.2	1.2	3.9	4.91	0.30	16.17 +	772.	47.	3.
234	0000	-938	37.6319	80.1178	DLMU-1	0.3	1.0	4.1	3.74	0.24 -	15.69 +	760.	45.	3.
235	0000	-938	37.6318	80.1183	DLMU-1	0.3	1.0	4.2	3.38	0.23 -	14.73	771.	46.	4.
236	0000	-938	37.6318	80.1189	DLMU-1	0.3	1.2	4.3	4.39	0.28	15.82 +	798.	46.	5.
237	0000	-937	37.6318	80.1195	DLMU-1	0.3	1.2	4.2	3.70	0.28	13.18	840.	46.	7.
238	0000	-938	37.6317	80.1200	DLMU-1	0.4	1.4	4.1	3.80	0.33	11.60	883.	46.	7.
239	0000	-937	37.6317	80.1205	DLMU-1	0.4	1.5	4.4	4.07	0.34	12.10	923.	46.	6.
240	0000	-937	37.6318	80.1212	DLMU-1	0.4	1.5	4.6	4.22	0.34	12.49	919.	45.	6.
241	0000	-938	37.6317	80.1216	DLMU-1	0.3	1.5	4.3	4.25	0.33	12.70	906.	46.	7.
242	0000	-937	37.6317	80.1222	DLMU-1	0.3	1.4	4.3	4.64	0.32	14.66	881.	46.	7.
243	0000	-937	37.6317	80.1228	DLMU-1	0.3	1.1	4.1	3.93	0.27	14.50	851.	46.	7.
244	0000	-936	37.6317	80.1233	DLMU-1	0.3	1.2	4.1	4.42	0.28	15.69 +	816.	48.	6.
245	0000	-935	37.6317	80.1239	DLMU-1	0.2	1.1	4.0	4.50	0.26	17.04 +	797.	48.	7.
246	0000	-935	37.6316	80.1245	DLMU-1	0.2	1.1	3.7	4.60	0.28	16.28 +	785.	50.	7.
247	0000	-936	37.6316	80.1250	DLMU-1	0.3	1.1	3.7	4.49	0.30	14.80	807.	51.	8.
248	0000	-935	37.6316	80.1256	DLMU-1	0.3	1.2	3.6	4.73	0.34	13.95	814.	53.	8.
249	0000	-935	37.6316	80.1261	DLMU-1	0.3	1.2	3.5	4.27	0.34	12.58	830.	49.	8.
250	0000	-935	37.6316	80.1266	DLMU-1	0.3	1.4	3.5	5.12	0.40	12.90	849.	50.	8.
251	0000	-934	37.6316	80.1272	DLMU-1	0.3	1.2	3.7	4.41	0.33	13.35	858.	47.	8.
252	0000	-933	37.6315	80.1278	DLMU-1	0.3	1.3	3.8	4.47	0.34	13.02	853.	49.	8.
253	0000	-933	37.6315	80.1283	DLMU-1	0.3	1.4	3.9	4.69	0.37	12.68	869.	48.	7.
254	0000	-934	37.6315	80.1289	DLMU-1	0.3	1.5	3.7	4.97	0.40	12.50	866.	49.	6.
255	0000	-932	37.6315	80.1294	DLMU-1	0.4	1.4	3.8	3.95	0.37	10.75	880.	49.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979, TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293 PAGE 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-932	37.6315	80.1299	DLMU-1	0.4	1.4	3.9	3.70	0.37	10.08	898.	50.	4.
257	0000	-933	37.6314	80.1306	DLMU-1	0.4	1.3	3.9	3.14	0.34	9.39	889.	51.	4.
258	0000	-934	37.6314	80.1311	DLMU-1	0.4	1.5	3.5	3.57	0.41	8.63	886.	55.	3.
259	0000	-932	37.6314	80.1316	DLMU-1	0.4	1.5	3.6	3.37	0.41	8.27	898.	52.	2.
260	0000	-932	37.6314	80.1322	DLMU-1	0.4	1.4	3.5	3.14	0.38	8.23	899.	53.	2.
261	0000	-932	37.6314	80.1328	DLMU-1	0.5	1.2	3.7	2.59	0.33	7.93	918.	52.	2.
262	0000	-932	37.6314	80.1333	DLMU-1	0.5	1.4	4.2	2.99	0.32	9.26	959.	51.	2.
263	0000	-932	37.6313	80.1339	DLMU-1	0.5	1.6	4.2	3.40	0.37	9.24	992.	52.	2.
264	0000	-931	37.6313	80.1344	DLMU-1	0.5	1.8	4.4	3.59	0.40	8.91	1042.	53.	2.
265	0000	-931	37.6313	80.1350	DLMU-1	0.5	1.8	4.5	3.40	0.40	8.42	1086.	50.	2.
266	0000	-931	37.6313	80.1355	DLMU-1	0.6	1.9	4.7	3.32	0.40	8.32	1131.	49.	2.
267	0000	-930	37.6313	80.1361	DLMU-1	0.6	2.1 +	5.3	3.59	0.40	9.05	1159.	48.	2.
268	0000	-930	37.6312	80.1366	DLMU-1	0.6	2.2 +	5.6 +	3.68	0.40	9.22	1202.	47.	2.
269	0000	-930	37.6313	80.1372	DLMU-1	0.7	2.3 +	5.3	3.50	0.43	8.19	1226.	45.	2.
270	0000	-930	37.6313	80.1377	DLMU-1	0.7	2.3 +	5.5	3.41	0.41	8.30	1225.	45.	3.
271	0000	-930	37.6312	80.1382	DLMU-1	0.6	1.9	5.4	2.98	0.36	8.36	1196.	46.	4.
272	0000	-930	37.6312	80.1389	DLMU-1	0.6	1.9	5.7 +	3.12	0.34	9.21	1163.	46.	3.
273	0000	-930	37.6312	80.1394	DLMU-1	0.6	1.9	5.5 +	3.26	0.35	9.35	1129.	47.	4.
274	0000	-930	37.6312	80.1399	DLMU-1	0.6	1.7	4.8	2.97	0.35	8.49	1079.	48.	4.
275	0000	-929	37.6312	80.1405	DLMU-1	0.5	1.7	4.5	3.55	0.37	9.49	1015.	51.	5.
276	0000	-928	37.6312	80.1411	DLMU-1	0.4	1.6	4.4	3.76	0.36	10.46	953.	51.	4.
277	0000	-928	37.6311	80.1416	DLMU-1	0.4	1.4	4.1	3.86	0.34	11.45	900.	52.	4.
278	0000	-928	37.6311	80.1422	DLMU-1	0.4	1.5	4.1	4.03	0.36	11.06	895.	50.	4.
279	0000	-928	37.6311	80.1427	DLMU-1	0.4	1.5	3.8	4.04	0.39	10.44	901.	51.	4.
280	0000	-929	37.6311	80.1433	DLMU-1	0.4	1.4	3.9	3.57	0.35	10.18	901.	51.	4.
281	0000	-929	37.6311	80.1438	DLMU-1	0.4	1.4	4.2	3.56	0.34	10.60	937.	53.	4.
282	0000	-928	37.6310	80.1444	DLMU-1	0.5	1.4	4.4	3.03	0.31	9.64	981.	51.	3.
283	0000	-928	37.6310	80.1449	DLMU-1	0.5	1.5	4.3	3.38	0.36	9.38	1011.	52.	3.
284	0000	-929	37.6310	80.1455	DLMU-1	0.5	1.6	4.4	3.27	0.37	8.73	1063.	53.	2.
285	0000	-928	37.6310	80.1461	DLMU-1	0.5	1.9	4.4	4.00	0.42	9.42	1076.	54.	2.
286	0000	-927	37.6310	80.1465	DLMU-1	0.4	1.8	4.3	4.11	0.43	9.56	1073.	53.	2.
287	0000	-927	37.6310	80.1472	DLMU-1	0.4	2.0 +	4.2	5.12	0.48	10.58	1049.	55.	1.
288	0000	-927	37.6309	80.1478	DLMU-1	0.4	2.1 +	4.0	5.46	0.54 +	10.14	1004.	53.	0.
289	0000	-926	37.6309	80.1482	DLMU-1	0.4	2.2 +	3.4	6.06	0.62 +	9.70	949.	53.	0.
290	0000	-926	37.6309	80.1488	DLMU-1	0.3	2.0	3.3	6.29	0.59 +	10.62	893.	51.	1.
291	0000	-926	37.6309	80.1494	DLMU-1	0.3	1.9	3.3	6.62 +	0.57 +	11.57	827.	51.	1.
292	0000	-925	37.6309	80.1499	DLMU-1	0.3	1.7	3.0	5.51	0.56 +	9.91	792.	51.	2.
293	0000	-925	37.6309	80.1505	DLMU-1	0.3	1.6	2.9	5.74	0.56 +	10.22	759.	51.	2.
294	0000	-925	37.6308	80.1510	DLMU-1	0.3	1.3	2.7	4.83	0.48	10.00	732.	49.	4.
295	0000	-925	37.6308	80.1516	DLMU-1	0.2	1.2	2.7	4.71	0.44	10.81	702.	49.	5.
296	0000	-924	37.6308	80.1521	DLMU-1	0.2	1.0	2.7	4.86	0.37	13.05	664.	50.	6.
297	0000	-923	37.6308	80.1527	DLMU-1	0.2	0.9	2.8	4.86	0.34	14.18	634.	51.	7.
298	0000	-923	37.6308	80.1532	DLMU-1	0.2 -	0.7 -	2.4 -	4.26	0.29	14.57	602.	51.	9.
299	0000	-924	37.6307	80.1538	DLMU-1	0.1 -	0.7 -	2.5 -	5.51	0.30	18.56 +	575.	52.	9.
300	0000	-924	37.6307	80.1544	DLMU-1	0.1 -	0.7 -	2.6 -	6.02	0.28	21.65 ++	555.	50.	9.
301	0000	-923	37.6308	80.1549	DLMU-1	0.2 -	0.6 -	2.6 -	4.08	0.24 -	16.96 +	540.	51.	9.
302	0000	-924	37.6307	80.1555	DLMU-1	0.1 -	0.6 --	2.2 -	4.47	0.25	17.82 +	532.	51.	9.
303	0000	-925	37.6307	80.1561	DLMU-1	0.1 -	0.7 -	2.0 -	5.30	0.33	15.96 +	529.	52.	8.
304	0000	-923	37.6307	80.1566	SCY	0.1	0.6 --	2.2 -	4.01	0.27 -	15.09	527.	50.	8.
305	0000	-923	37.6307	80.1572	SCY	0.2	0.8 -	2.2 -	4.20	0.36	11.82	532.	51.	6.
306	0000	-923	37.6307	80.1577	SCY	0.2	0.6 --	2.5 -	3.01	0.23 -	12.88	532.	52.	5.

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CP 9 1P 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-924	37.6306	80.1582	SCY	0.2	0.8 -	2.5 -	3.65	0.31	11.70	545.	54.	4.
308	0000	-925	37.6306	80.1588	SCY	0.2	1.1	2.6	6.39	0.44	14.63	574.	54.	3.
309	0000	-924	37.6306	80.1594	SCY	0.2	1.3	3.1	5.99	0.41	14.60	604.	55.	2.
310	0000	-923	37.6306	80.1599	SCY	0.2	1.4	3.4	6.78	0.41	16.74	632.	52.	1.
311	0000	-925	37.6306	80.1604	SCY	0.2	1.5	3.4	7.40	0.43	17.23	655.	55.	0.
312	0000	-925	37.6306	80.1610	SCY	0.2	1.5	3.7	7.95	0.41	19.57	685.	51.	0.
313	0000	-925	37.6305	80.1615	SCY	0.2	1.7	3.7	8.46	0.46	18.47	711.	51.	0.
314	0000	-925	37.6305	80.1621	SCY	0.2	1.6	3.7	6.91	0.44	15.70	723.	52.	0.
315	0000	-925	37.6305	80.1627	SCY	0.3	1.5	3.9	6.03	0.39	15.40	722.	52.	1.
316	0000	-925	37.6305	80.1632	SCY	0.3	1.5	3.8	5.74	0.39	14.89	716.	52.	1.
317	0000	-925	37.6305	80.1638	SCY	0.3	1.3	3.7	4.77	0.35	13.65	706.	53.	1.
318	0000	-924	37.6305	80.1644	SCY	0.3	1.2	3.3	4.16	0.36	11.64	690.	54.	2.
319	0000	-925	37.6304	80.1649	SCY	0.3	1.2	3.1	4.53	0.40	11.35	665.	55.	2.
320	0000	-925	37.6304	80.1655	SCY	0.3	1.2	2.8	4.31	0.43	10.01	650.	57.	2.
321	0000	-926	37.6304	80.1660	SCY	0.3	1.0 -	2.8	3.25	0.35	9.31	641.	54.	3.
322	0000	-926	37.6304	80.1665	SCY	0.3	0.9 -	2.7	3.01	0.33	9.18	628.	53.	3.
323	0000	-925	37.6304	80.1671	SCY	0.3	0.9 -	2.6	3.11	0.36	8.60	624.	51.	3.
324	0000	-925	37.6303	80.1677	SCY	0.3	1.1	2.3 -	3.75	0.50	7.54 -	621.	50.	3.
325	0000	-926	37.6303	80.1682	SCY	0.3	1.1	2.6	3.92	0.44	8.89	630.	47.	4.
326	0000	-925	37.6304	80.1687	SCY	0.3	0.9 -	2.5 -	3.25	0.37	8.71	632.	46.	5.
327	0000	-925	37.6303	80.1693	SCY	0.3	0.9 -	2.5 -	3.13	0.35	9.03	625.	44.	6.
328	0000	-924	37.6303	80.1698	SCY	0.2	0.8 -	2.6	3.46	0.30	11.53	622.	44.	7.
329	0000	-925	37.6303	80.1704	DLMU-1	0.2	0.8 -	2.2 -	3.45	0.35	9.77	613.	46.	8.
330	0000	-926	37.6302	80.1710	DLMU-1	0.2	0.6 --	2.2 -	2.36	0.26	9.19	606.	47.	10.
331	0010	-926	37.6302	80.1715	DLMU-1	0.2	0.2 N.A.	2.6 -	1.02 N.A.	0.09 N.A.	11.16	597.	47.	12.
332	0010	-925	37.6302	80.1721	DLMU-1	0.2	0.2 N.A.	2.4 -	1.02 N.A.	0.10 N.A.	10.62	589.	49.	12.
333	0010	-924	37.6302	80.1727	DLMU-1	0.2	0.3 N.A.	2.5 -	1.49 N.A.	0.12 N.A.	12.01	596.	50.	13.
334	0010	-925	37.6302	80.1732	DLMU-1	0.2	0.2 N.A.	2.4 -	0.94 N.A.	0.09 N.A.	10.34	603.	50.	13.
335	0000	-925	37.6301	80.1738	DLMU-1	0.2	0.5 --	2.2 -	1.92	0.21 -	9.28	605.	50.	13.
336	0000	-925	37.6302	80.1743	DLMU-1	0.3	0.5 --	2.6 -	1.61 -	0.18 -	9.05	643.	48.	11.
337	0000	-924	37.6302	80.1748	DLMU-1	0.3	0.7 -	2.8	2.70	0.25	10.77	687.	47.	10.
338	0000	-923	37.6301	80.1754	DLMU-1	0.3	0.9	2.8	3.20	0.33	9.62	731.	47.	10.
339	0000	-922	37.6301	80.1760	DLMU-1	0.3	1.0	3.0	3.48	0.35	9.95	791.	44.	9.
340	0000	-922	37.6301	80.1765	DLMU-1	0.4	1.2	3.2	3.51	0.39	9.11	848.	46.	8.
341	0000	-922	37.6301	80.1770	DLMU-1	0.4	1.6	3.3	4.35	0.48	9.08	889.	45.	8.
342	0000	-921	37.6301	80.1777	DLMU-1	0.4	1.6	3.1	4.23	0.53 +	8.03	920.	48.	7.
343	0000	-921	37.6301	80.1781	DLMU-1	0.4	1.8	2.8	4.94	0.64 +	7.71	940.	47.	7.
344	0000	-920	37.6300	80.1787	DLMU-1	0.4	1.9	2.6 -	5.51	0.75 +	7.32	939.	48.	6.
345	0000	-919	37.6300	80.1793	DLMU-1	0.3	2.1 +	2.5 -	6.17	0.83 ++	7.46	923.	49.	4.
346	0000	-919	37.6300	80.1798	DLMU-1	0.3	2.2 +	2.1 -	7.09 +	1.04 ++	6.80	891.	49.	4.
347	0000	-918	37.6300	80.1803	DLMU-1	0.3	2.2 +	1.7 -	7.58 +	1.25 +++	6.04 -	844.	46.	3.
348	0000	-918	37.6300	80.1808	DLMU-1	0.2	2.0 +	2.1 -	8.63 +	0.95 ++	9.05	815.	45.	2.
349	0000	-917	37.6300	80.1813	DLMU-1	0.2	2.0	2.3 -	9.71 +	0.84 ++	11.51	789.	43.	1.
350	0000	-917	37.6301	80.1819	DLMU-1	0.2 -	1.9	2.4 -	10.19 +	0.82 ++	12.47	734.	44.	1.
351	0000	-919	37.6301	80.1823	DLMU-1	0.2	1.7	2.3 -	8.23 +	0.73 +	11.32	695.	43.	1.
352	0000	-919	37.6301	80.1828	DLMU-1	0.2	1.6	2.2 -	8.12 +	0.75 +	10.81	674.	42.	1.
353	0000	-920	37.6301	80.1833	DLMU-1	0.2	1.6	2.4 -	8.59 +	0.68 +	12.64	634.	43.	1.
354	0000	-919	37.6302	80.1838	DLMU-1	0.2 -	1.4	2.5 -	7.66 +	0.55 +	13.97	609.	43.	2.
355	0000	-918	37.6302	30.1843	DLMU-1	0.2 -	1.5	2.1 -	8.99 +	0.72 +	12.54	580.	47.	3.
356	0000	-919	37.6302	80.1848	DLMU-1	0.2 -	1.5	2.0 -	7.97 +	0.72 +	11.04	585.	46.	4.
357	0000	-919	37.6302	80.1853	DLMU-1	0.1 -	1.5	1.9 -	10.24 +	0.75 +	13.66	613.	46.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-918	37.6302	80.1858	DLMU-1	0.2 -	1.8	2.0 -	10.13 +	0.88 ++	11.55	661.	47.	3.
359	0000	-919	37.6302	80.1863	DLMU-1	0.2	1.8	2.4 -	7.36 +	0.75 +	9.87	737.	47.	4.
360	0000	-918	37.6302	80.1868	DLMU-1	0.3	2.0	2.7	6.20	0.72 +	8.58	862.	45.	3.
361	0000	-918	37.6302	80.1873	DLMU-1	0.4	2.2 +	3.1	5.59	0.73 +	7.69	999.	48.	2.
362	0000	-918	37.6303	80.1877	DLMU-1	0.5	2.5 +	3.8	4.58	0.67 +	6.86	1170.	44.	2.
363	0000	-917	37.6303	80.1882	DLMU-1	0.7	2.9 +	4.0	4.07	0.72 +	5.65 -	1320.	45.	1.
364	0000	-918	37.6303	80.1888	DLMU-1	0.9 +	3.0 ++	4.5	3.50	0.67 +	5.26 -	1462.	45.	2.
365	0000	-918	37.6303	80.1893	DLMU-1	1.0 +	2.9 ++	5.1	2.98	0.58 +	5.15 -	1585.	46.	3.
366	0000	-917	37.6304	80.1898	DLMU-1	1.1 +	3.0 ++	5.4	2.71	0.57 +	4.78 -	1720.	47.	4.
367	0000	-917	37.6304	80.1903	DLMU-1	1.3 +	3.1 ++	5.8 +	2.39	0.53 +	4.48 -	1846.	50.	5.
368	0000	-915	37.6304	80.1908	DLMU-1	1.4 +	3.0 ++	6.4 +	2.06	0.47	4.43 -	1938.	50.	6.
369	0000	-915	37.6304	80.1912	DLMU-1	1.5 +	3.0 ++	6.4 +	1.97	0.48	4.12 -	1979.	52.	7.
370	0000	-917	37.6304	80.1917	DLMU-2	1.5	2.7 +	7.2 -	1.76	0.38 +	4.65 -	2004.	53.	8.
371	0000	-916	37.6305	80.1922	DLMU-2	1.5	2.7	7.4 -	1.74	0.36 +	4.86 -	1987.	53.	8.
372	0000	-916	37.6305	80.1927	DLMU-2	1.5	2.5	7.5 -	1.70	0.34 +	5.06	1941.	52.	8.
373	0000	-916	37.6305	80.1932	DLMU-2	1.4	2.3	7.6	1.67	0.30	5.56	1821.	51.	8.
374	0000	-916	37.6305	80.1938	DLMU-2	1.2	2.0	7.3 -	1.65	0.27	6.16	1687.	50.	7.
375	0000	-915	37.6305	80.1942	DLMU-1	1.0 +	2.1 +	6.8 +	2.01	0.30	6.61	1576.	50.	6.
376	0000	-915	37.6305	80.1947	DLMU-1	0.9 +	1.9	6.8 +	2.12	0.28	7.57	1471.	49.	5.
377	0000	-915	37.6305	80.1952	DLMU-1	0.8	1.9	6.2 +	2.35	0.30	7.73	1396.	48.	5.
378	0000	-914	37.6306	80.1957	DLMU-1	0.8 +	1.8	6.2 +	2.21	0.29	7.56	1388.	49.	4.
379	0000	-914	37.6306	80.1962	DLMU-1	0.9 +	1.9	6.5 +	2.18	0.29	7.41	1453.	49.	3.
380	0000	-914	37.6306	80.1967	DLMU-1	1.1 +	2.1 +	7.0 ++	1.98	0.30	6.63	1572.	50.	2.
381	0000	-915	37.6306	80.1972	DLMU-2	1.2	2.3	7.4 -	1.93	0.31	6.13	1670.	51.	1.
382	0000	-915	37.6307	80.1977	DLMU-2	1.3	2.3	7.7	1.81	0.30	6.07	1728.	50.	1.
383	0000	-914	37.6307	80.1982	DLMU-2	1.4	2.2	8.1	1.58	0.27	5.95	1810.	50.	1.
384	0000	-913	37.6307	80.1987	DLMU-2	1.4	2.2	8.4	1.59	0.27	5.94	1843.	50.	1.
385	0000	-913	37.6307	80.1992	SU	1.4 ++	2.4 +	8.5 ++	1.66 -	0.28	5.92 -	1863.	48.	1.
386	0000	-913	37.6307	80.1997	SU	1.4 ++	2.3 +	7.9 +	1.69 -	0.29	5.74 --	1826.	49.	2.
387	0000	-912	37.6307	80.2002	SU	1.3 ++	2.3 +	7.6 +	1.81 -	0.30	6.05 -	1762.	47.	4.
388	0000	-913	37.6307	80.2007	SU	1.2 ++	2.2 +	7.2 +	1.88 -	0.30	6.18 -	1702.	48.	5.
389	0000	-912	37.6307	80.2012	SU	1.1 ++	2.2 +	6.9 +	1.99 -	0.31	6.32 -	1646.	49.	6.
390	0000	-911	37.6308	80.2017	SU	1.0 ++	2.0 +	6.6 +	2.05	0.31	6.63 -	1558.	49.	8.
391	0000	-911	37.6308	80.2022	SU	0.9 +	2.1 +	6.5 +	2.23	0.32	7.06 -	1496.	49.	7.
392	0000	-911	37.6308	80.2026	SU	0.8 +	1.9 +	6.0 +	2.37	0.31	7.62 -	1398.	50.	8.
393	0000	-911	37.6308	80.2032	SU	0.7 +	1.8	6.0 +	2.68	0.30	8.95	1293.	50.	8.
394	0000	-911	37.6309	80.2037	SU	0.6 +	1.7	5.5	2.94	0.30	9.68	1178.	50.	7.
395	0000	-912	37.6309	80.2041	SU	0.4	1.6	5.3	3.62	0.30	12.26	1057.	48.	6.
396	0000	-912	37.6309	80.2046	SU	0.3	1.3	5.0	3.97	0.27	14.93	947.	49.	6.
397	0000	-911	37.6309	80.2052	SU	0.3	1.2	4.4	4.50	0.28	15.94	859.	50.	6.
398	0000	-911	37.6309	80.2057	SU	0.2	1.1	3.6	4.54	0.31	14.76	776.	50.	7.
399	0000	-910	37.6309	80.2062	SU	0.2	1.1	3.4	5.01	0.32	15.89	708.	51.	7.
400	0000	-910	37.6310	80.2066	SU	0.2	0.8 -	3.1	3.86	0.25	15.56	664.	50.	8.
401	0000	-910	37.6310	80.2071	SU	0.1 -	0.8	3.0	5.67	0.27	20.75 +	631.	52.	9.
402	0000	-910	37.6310	80.2076	SU	0.2	0.7 -	2.7 -	3.67	0.27	13.47	629.	53.	9.
403	0000	-909	37.6310	80.2081	SU	0.2	0.8	2.5 -	3.69	0.32	11.58	635.	54.	9.
404	0000	-909	37.6310	80.2086	SU	0.2 -	0.9	2.3 -	5.30	0.40	13.09	635.	53.	9.
405	0000	-909	37.6310	80.2091	SU	0.2 -	0.8	2.6 -	5.20	0.30	17.10	633.	54.	8.
406	0000	-910	37.6311	80.2096	SU	0.2 -	0.9	2.8 -	6.01	0.34	17.77	657.	53.	8.
407	0000	-909	37.6311	80.2101	SU	0.2 -	1.2	2.5 -	7.73 +	0.46 +	16.74	658.	55.	7.
408	0000	-908	37.6311	80.2106	SU	0.2 -	1.3	2.5 -	6.77 +	0.50 +	13.56	665.	54.	6.

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-909	37.6312	80.2111	SU	0.1 -	1.4	2.5 -	11.61 ++	0.56 +	20.56 +	658.	55.	5.
410	0000	-908	37.6312	80.2116	SU	0.1 -	1.3	2.8 -	9.66 +	0.47 +	20.56 +	661.	55.	4.
411	0000	-908	37.6312	80.2121	SU	0.2 -	1.3	3.2	8.34 +	0.39	21.39 +	661.	54.	3.
412	0000	-908	37.6312	80.2126	SU	0.1 -	1.5	3.2	11.54 ++	0.45 +	25.39 +	671.	54.	3.
413	0000	-907	37.6312	80.2131	SU	0.1 -	1.4	3.4	9.58 +	0.40	23.66 +	662.	55.	2.
414	0000	-907	37.6312	80.2136	SU	0.1 -	1.4	3.7	9.78 +	0.37	26.33 ++	667.	55.	1.
415	0000	-908	37.6312	80.2140	SU	0.1 -	1.3	4.0	10.99 ++	0.33	33.04 ++	682.	54.	1.
416	0000	-909	37.6312	80.2145	SU	0.2 -	1.1	4.4	7.51 +	0.26	28.93 ++	693.	52.	1.
417	0000	-908	37.6313	80.2151	SU	0.1 -	1.3	4.5	9.36 +	0.30	31.43 ++	707.	54.	0.
418	0000	-907	37.6313	80.2156	SU	0.2 -	1.3	4.7	8.06 +	0.28	28.57 ++	734.	53.	0.
419	0000	-907	37.6313	80.2160	SU	0.2 -	1.3	4.9	6.89 +	0.26	26.76 ++	754.	55.	0.
420	0000	-906	37.6313	80.2166	SU	0.2 -	1.2	5.1	6.24 +	0.24	26.16 ++	788.	54.	1.
421	0000	-904	37.6314	80.2171	OJO	0.2 -	1.5	5.2	8.04 +	0.28	28.23 ++	825.	53.	1.
422	0000	-905	37.6314	80.2176	OJO	0.2 -	1.7	5.1	8.41 +	0.33	25.42 +	850.	54.	2.
423	0000	-904	37.6314	80.2180	OJO	0.2 -	1.7	4.9	8.74 +	0.36 +	24.37 +	858.	54.	3.
424	0000	-902	37.6314	80.2185	OJO	0.2 -	1.7	4.8	9.08 +	0.35 +	25.78 +	855.	52.	4.
425	0000	-903	37.6314	80.2190	OJO	0.2 -	1.6	4.8	8.04 +	0.33	24.71 +	835.	53.	4.
426	0000	-906	37.6314	80.2195	OJO	0.2 -	1.6	4.6	8.06 +	0.34 +	23.70 +	803.	53.	5.
427	0000	-906	37.6314	80.2200	OJO	0.2 -	1.6	4.3	9.55 ++	0.37 +	25.77 +	764.	54.	5.
428	0000	-905	37.6314	80.2206	OJO	0.2 -	1.2	4.1	6.23 +	0.29	21.80 +	725.	55.	5.
429	0000	-904	37.6315	80.2210	OJO	0.2 -	0.9	4.2	3.90	0.21 -	18.67	698.	54.	5.
430	0000	-906	37.6315	80.2215	OJO	0.3	0.7 -	4.2	2.87	0.17 -	16.76	697.	56.	5.
431	0000	-907	37.6315	80.2220	OJO	0.3	0.6 -	4.2	2.18	0.15 -	14.30	700.	57.	5.
432	0000	-907	37.6315	80.2225	OJO	0.3	0.8 -	3.8	2.59	0.21 -	12.45	717.	58.	5.
433	0000	-905	37.6316	80.2230	OJO	0.3	1.0	3.9	3.00	0.25	11.92	758.	56.	4.
434	0000	-905	37.6316	80.2235	OJO	0.4	1.1	3.9	3.04	0.28	10.98	804.	55.	3.
435	0000	-906	37.6316	80.2240	OM	0.4 -	1.3	4.2	3.47 +	0.30	11.56	842.	55.	3.
436	0000	-905	37.6316	80.2245	OM	0.4	1.4	4.2	3.56 +	0.33	10.66	865.	58.	2.
437	0000	-904	37.6317	80.2250	OM	0.4	1.6	4.1	3.77 +	0.40 +	9.50	886.	56.	1.
438	0000	-904	37.6317	80.2255	OM	0.5	1.6	4.2	3.38	0.37 +	9.18	904.	56.	1.
439	0000	-903	37.6317	80.2259	OM	0.5	1.6	4.5	3.24	0.34 +	9.43	920.	56.	1.
440	0000	-903	37.6317	80.2264	OM	0.5	1.4	5.0	2.63	0.28	9.27	947.	57.	1.
441	0000	-902	37.6317	80.2270	OM	0.6	1.3	5.3	2.32	0.25	9.40	955.	58.	1.
442	0000	-902	37.6317	80.2275	OM	0.6	1.3	5.4	2.25	0.25	9.10	979.	58.	0.
443	0000	-903	37.6317	80.2280	OM	0.6	1.3	5.4	2.07	0.24	8.70	1006.	56.	1.
444	0000	-902	37.6317	80.2285	OM	0.7 +	1.1	5.4	1.70 -	0.21 -	8.09	1046.	59.	2.
445	0000	-901	37.6318	80.2290	OTBR	0.7	1.2	5.8	1.74	0.22	8.10 -	1115.	57.	3.
446	0000	-901	37.6318	80.2294	OTBR	0.8 +	1.3	6.1	1.70	0.22	7.90 -	1190.	58.	5.
447	0000	-900	37.6318	80.2299	OTBR	0.8 +	1.3	6.3	1.74	0.21	8.23	1226.	56.	6.
448	0000	-899	37.6318	80.2304	OTBR	0.8 +	1.5	7.1 +	1.86	0.22	8.55	1298.	54.	6.
449	0000	-898	37.6319	80.2309	OTBR	0.9 +	1.4	7.4 +	1.59 -	0.19	8.27	1363.	55.	7.
450	0000	-897	37.6319	80.2314	OTBR	1.0 +	1.3	8.2 +	1.40 -	0.16 -	8.59	1440.	55.	7.
451	0000	-897	37.6319	80.2320	OTBR	0.9 +	1.6	8.7 ++	1.77	0.19	9.48	1489.	55.	6.
452	0000	-897	37.6319	80.2324	OTBR	1.0 +	1.7	8.6 ++	1.83	0.20	9.01	1519.	54.	5.
453	0000	-895	37.6319	80.2329	OTBR	0.9 +	1.8 +	8.7 ++	1.98	0.21	9.51	1535.	52.	4.
454	0000	-895	37.6319	80.2334	OTBR	0.9 +	2.2 +	8.4 +	2.36	0.26	9.14	1563.	51.	2.
455	0000	-895	37.6319	80.2339	OTBR	0.9 +	2.1 +	7.8 +	2.27	0.27	8.31	1562.	52.	2.
456	0000	-893	37.6319	80.2344	OTBR	0.9 +	2.1 +	8.2 +	2.22	0.25	8.70	1557.	48.	1.
457	0000	-893	37.6320	80.2349	OTBR	0.9 +	2.4 ++	8.0 +	2.74	0.31	8.94	1535.	47.	1.
458	0000	-893	37.6320	80.2354	OSP	0.9 +	2.3 +	8.4 +	2.59	0.28	9.36	1527.	47.	1.
459	0000	-890	37.6320	80.2359	OSP	0.9	2.4 +	8.5 +	2.80	0.28	9.93	1509.	47.	2.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-890	37.6320	80.2364		OSP	0.9 +	2.2	8.6 +	2.48	0.25	9.81	1499.	48.	2.
461	0000	-891	37.6321	80.2369		OSP	0.9 +	2.1	8.8 ++	2.29	0.24	9.65	1504.	49.	3.
462	0000	-890	37.6321	80.2374		OSP	0.9 +	2.3 +	9.0 ++	2.57	0.25	10.26	1531.	47.	3.
463	0000	-890	37.6321	80.2379		OSP	0.9 +	2.6 +	8.4 +	2.92	0.31	9.47	1556.	50.	2.
464	0000	-891	37.6321	80.2384		OSP	0.9 +	2.5 +	8.0 +	2.80	0.31	9.06	1570.	51.	3.
465	0000	-890	37.6321	80.2389		OSP	0.9 +	2.5 +	7.7 +	2.66	0.32	8.28	1582.	51.	2.
466	0000	-890	37.6322	80.2394		OSP	0.9 +	2.4 +	7.7 +	2.65	0.31	8.60	1574.	50.	3.
467	0000	-888	37.6322	80.2399		OSP	0.9 +	2.6 +	6.9	3.01	0.38	7.88	1558.	52.	2.
468	0000	-885	37.6322	80.2403		OSP	0.9	2.7 +	6.5	3.12	0.41 +	7.56	1546.	53.	3.
469	0000	-882	37.6322	80.2409		OSP	0.9	2.6 +	6.1	3.09	0.43 +	7.14	1521.	54.	3.
470	0000	-881	37.6322	80.2414		OSP	0.8	2.7 +	6.1	3.28	0.44 +	7.47	1503.	51.	4.
471	0000	-882	37.6322	80.2420		OSP	0.8	2.8 ++	5.8	3.53 +	0.48 ++	7.38	1483.	52.	5.
472	0000	-883	37.6322	80.2425		OSP	0.7	2.9 ++	5.4	3.89 +	0.53 ++	7.29	1482.	53.	5.
473	0000	-882	37.6322	80.2430		OSP	0.8	2.9 ++	5.2	3.56 +	0.56 ++	6.36 -	1501.	53.	6.
474	0000	-880	37.6322	80.2436		OSP	0.8	2.9 ++	5.7	3.46	0.50 ++	6.88	1528.	51.	6.
475	0000	-880	37.6322	80.2441		OSP	0.9	2.7 +	5.7	3.20	0.48 ++	6.71	1540.	52.	5.
476	0000	-880	37.6321	80.2446		OSP	0.9 +	2.6 +	5.9	2.85	0.44 +	6.52 -	1523.	53.	4.
477	0000	-878	37.6321	80.2452		OSP	0.9 +	2.2	6.5	2.38	0.33	7.11	1506.	53.	3.
478	0000	-878	37.6321	80.2457		OSP	1.0 +	1.9	7.3 +	1.99	0.26	7.60	1514.	52.	3.
479	0000	-878	37.6321	80.2462		OSP	1.0 +	1.9	7.5 +	1.89	0.25	7.55	1496.	50.	2.
480	0000	-877	37.6321	80.2468		OSP	1.0 +	1.9	7.8 +	1.96	0.24	8.16	1468.	50.	1.
481	0000	-876	37.6321	80.2473		OSP	0.9 +	1.8	7.4 +	1.96	0.25	7.96	1398.	50.	0.
482	0000	-876	37.6322	80.2478		OSP	0.9 +	1.6	7.2 +	1.83	0.22	8.30	1309.	50.	0.
483	0000	-876	37.6321	80.2484		OSP	0.8	1.5	6.8	1.96	0.23	8.63	1231.	50.	0.
484	0000	-875	37.6321	80.2489		OSP	0.7	1.6	5.6	2.26	0.29	7.74	1148.	50.	1.
485	0000	-874	37.6321	80.2495		OSP	0.6	1.6	4.7	2.50	0.35	7.17	1058.	50.	2.
486	0000	-874	37.6321	80.2500		OSP	0.6	1.3	4.0 -	2.18	0.33	6.61 -	986.	52.	4.
487	0000	-874	37.6321	80.2505		OSP	0.6	1.1	3.8 -	1.92	0.30	6.37 -	966.	52.	5.
488	0000	-873	37.6321	80.2511		OSP	0.7	1.0 -	4.3 -	1.55 -	0.24	6.55 -	995.	50.	6.
489	0000	-871	37.6321	80.2516		OB-1	0.7	1.0 -	4.7	1.42	0.21 -	6.73	1038.	50.	7.
490	0000	-870	37.6320	80.2522		OB-1	0.7	1.0 -	4.9	1.40	0.21 -	6.64	1094.	50.	7.
491	0000	-870	37.6321	80.2527		OB-1	0.8	1.1	5.3	1.48	0.21 -	6.95	1124.	51.	7.
492	0000	-868	37.6321	80.2533		OB-1	0.8	1.1 -	5.6	1.26	0.19 -	6.72	1153.	51.	7.
493	0000	-867	37.6321	80.2538		OB-1	0.8	1.3	5.6	1.51	0.23 -	6.59	1178.	51.	6.
494	0000	-868	37.6321	80.2542		OB-1	0.8	1.4	5.4	1.74	0.26	6.67	1154.	52.	6.
495	0000	-867	37.6321	80.2549		OB-1	0.8	1.4	5.0	1.83	0.29	6.36	1123.	54.	6.
496	0000	-866	37.6321	80.2554		OB-1	0.7	1.5	4.5	2.03	0.33	6.25	1091.	53.	6.
497	0000	-865	37.6320	80.2559		OB-1	0.7	1.4	4.5	2.08	0.32	6.55	1049.	54.	6.
498	0000	-865	37.6320	80.2564		OB-1	0.6	1.5	4.7	2.31	0.33	7.04	1028.	53.	6.
499	0000	-865	37.6320	80.2569		OB-1	0.5	1.7	4.2	3.16	0.40	7.87	1018.	52.	6.
500	0000	-863	37.6320	80.2575		OB-1	0.5	1.5	4.4	3.07	0.34	9.01	994.	53.	6.
501	0000	-862	37.6320	80.2580		OB-1	0.5	1.4	4.6	2.88	0.30	9.46	987.	55.	6.
502	0000	-862	37.6320	80.2586		OB-1	0.5	1.4	4.7	2.78	0.29	9.44	995.	53.	6.
503	0000	-863	37.6320	80.2591		OB-1	0.6	1.4	5.1	2.30	0.27	8.50	1023.	54.	5.
504	0000	-863	37.6320	80.2597		OB-1	0.7	1.4	5.2	2.16	0.27	7.94	1067.	52.	5.
505	0000	-862	37.6320	80.2602		OB-1	0.8	1.3	5.0	1.52	0.25	6.04	1134.	49.	5.
506	0000	-861	37.6320	80.2607		OB-1	0.9	1.1	5.0	1.23	0.22 -	5.47	1176.	51.	5.
507	0000	-861	37.6320	80.2612		OB-1	1.0	1.2	5.1	1.22	0.24	5.03	1213.	49.	5.
508	0000	-862	37.6320	80.2618		OB-1	1.0	1.2	4.8	1.19	0.26	4.59	1232.	48.	6.
509	0000	-861	37.6320	80.2623		OB-1	1.0	1.2	5.0	1.17 -	0.23	5.03	1230.	47.	8.
510	0000	-860	37.6320	80.2628		OB-1	0.9	1.0 -	5.0	1.12 -	0.21 -	5.37	1214.	48.	9.

CP9 IP12

CP9 IP12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-859	37.6320	80.2634	OB-1	0.9	0.8 -	5.0	0.98 -	0.17 -	5.75	1176.	51.	9.
512	0000	-859	37.6320	80.2639	OB-1	0.7	0.9 -	5.1	1.29	0.18 -	7.10	1114.	54.	9.
513	0000	-858	37.6320	80.2645	OB-1	0.6	0.9 -	5.4	1.41	0.16 --	8.70	1073.	55.	10.
514	0000	-858	37.6320	80.2650	OB-1	0.5	0.9 -	5.2	1.78	0.17 -	10.38	1057.	56.	10.
515	0000	-858	37.6320	80.2655	OB-1	0.5	1.0 -	5.3	2.05	0.19 -	10.99 +	1058.	56.	8.
516	0000	-857	37.6320	80.2661	OB-1	0.5	1.0 -	5.0	2.06	0.20 -	10.15	1063.	58.	7.
517	0000	-856	37.6320	80.2666	OB-1	0.4	1.3	5.0	2.86	0.26	11.10 +	1084.	60.	6.
518	0000	-856	37.6320	80.2671	OB-1	0.5	1.5	4.8	3.33	0.32	10.56	1129.	58.	5.
519	0000	-855	37.6319	80.2677	OB-1	0.5	1.7	5.3	3.25	0.32	10.14	1201.	56.	3.
520	0000	-854	37.6319	80.2682	OB-1	0.6	1.8	5.7	2.88	0.31	9.22	1277.	54.	2.
521	0000	-853	37.6319	80.2688	OB-1	0.7	1.9	6.5 +	2.90	0.30	9.62	1328.	53.	1.
522	0000	-853	37.6319	80.2693	OB-1	0.7	2.0 +	6.9 +	2.98	0.29	10.14	1372.	55.	1.
523	0000	-854	37.6319	80.2699	OB-1	0.7	2.3 +	7.5 +	3.22	0.31	10.53	1431.	51.	0.
524	0000	-853	37.6320	80.2704	OB-1	0.8	2.1 +	7.7 +	2.58	0.28	9.38	1460.	51.	0.
525	0000	-853	37.6320	80.2709	OB-2	0.8 -	2.1	8.2 -	2.54 +	0.26	9.73 ++	1471.	52.	0.
526	0000	-853	37.6319	80.2715	OB-2	0.9 -	2.0	8.1 --	2.31 +	0.24	9.50 +	1450.	52.	0.
527	0000	-854	37.6319	80.2720	OB-1	0.8	1.9	7.7 +	2.25	0.25	9.10	1424.	54.	0.
528	0000	-854	37.6319	80.2726	OB-1	0.8	1.9	7.4 +	2.26	0.26	8.80	1410.	54.	0.
529	0000	-853	37.6319	80.2730	DOHL	0.9	1.8	7.0 +	2.10 -	0.26 -	8.06	1390.	52.	1.
530	0000	-853	37.6319	80.2735	DOHL	0.9	1.6	6.8 +	1.83 -	0.24 -	7.68	1354.	54.	2.
531	0000	-853	37.6319	80.2742	DOHL	0.8	1.7	6.8 +	2.03 -	0.24 -	8.32	1314.	55.	2.
532	0000	-853	37.6319	80.2746	DOHL	0.8	1.6	6.3	2.05 -	0.25 -	8.17	1274.	55.	2.
533	0000	-852	37.6319	80.2752	DOHL	0.7	1.7	5.9	2.33	0.29	8.09	1239.	55.	2.
534	0000	-851	37.6319	80.2757	DOHL	0.7	1.6	5.7	2.51	0.29	8.72	1191.	56.	2.
535	0000	-852	37.6319	80.2763	DOHL	0.6	1.5	5.6	2.41	0.27	8.76	1137.	55.	2.
536	0000	-852	37.6319	80.2768	DLMU-1	0.6	1.4	5.2	2.49	0.28	9.00	1092.	56.	2.
537	0000	-851	37.6319	80.2773	DLMU-1	0.5	1.5	4.8	2.76	0.30	9.09	1030.	56.	1.
538	0000	-853	37.6319	80.2778	DLMU-1	0.5	1.5	4.2	2.99	0.34	8.73	974.	54.	1.
539	0000	-852	37.6319	80.2784	DLMU-1	0.5	1.3	3.9	2.79	0.34	8.28	916.	55.	1.
540	0000	-851	37.6318	80.2790	DLMU-1	0.4	1.2	3.7	2.72	0.32	8.56	861.	56.	1.
541	0000	-852	37.6318	80.2795	DLMU-1	0.4	1.1	3.4	2.92	0.33	8.80	803.	57.	1.
542	0000	-852	37.6318	80.2800	DLMU-1	0.4	1.0	3.0	2.47	0.34	7.32	764.	59.	1.
543	0000	-851	37.6319	80.2805	DLMU-1	0.4	1.0	2.9	2.56	0.35	7.34	717.	58.	1.
544	0000	-851	37.6319	80.2811	DLMU-1	0.3	1.0	3.1	2.95	0.33	8.86	697.	58.	0.
545	0000	-851	37.6319	80.2816	DLMU-1	0.3	0.9	3.1	2.54	0.30	8.59	704.	59.	0.
546	0000	-851	37.6319	80.2821	DLMU-1	0.4	1.1	3.7	2.88	0.30	9.64	752.	57.	0.
547	0000	-851	37.6318	80.2827	DB-2	0.4 -	1.2 -	4.0 --	2.80 +	0.30	9.37	815.	56.	0.
548	0000	-850	37.6318	80.2832	DB-2	0.5 -	1.1 --	4.6 --	2.08	0.24	8.83	911.	54.	1.
549	0000	-849	37.6318	80.2838	DB-2	0.6 -	1.3 -	5.2 -	2.23	0.25	8.83	1028.	52.	2.
550	0000	-848	37.6318	80.2843	DB-2	0.7 -	1.3 -	6.0 -	1.72	0.21	8.14	1175.	54.	2.
551	0000	-849	37.6318	80.2848	DB-2	0.9	1.4 -	6.6 -	1.61	0.22	7.50	1332.	52.	4.
552	0000	-848	37.6318	80.2854	DB-2	1.0	1.5 -	7.7	1.44	0.19 -	7.46	1477.	53.	4.
553	0000	-848	37.6318	80.2859	DB-2	1.2	1.4 -	8.3	1.23 -	0.17 -	7.20	1593.	54.	5.
554	0000	-849	37.6318	80.2865	DB-2	1.3	1.5 -	9.2	1.21 -	0.17 -	7.30	1696.	52.	5.
555	0000	-847	37.6318	80.2870	DB-2	1.3	1.7	9.8 +	1.30	0.17 -	7.49	1757.	54.	4.
556	0000	-845	37.6318	80.2875	DB-2	1.3	1.6 -	10.1 +	1.20 -	0.16 -	7.65	1779.	56.	3.
557	0000	-846	37.6318	80.2881	DB-2	1.3	1.7	10.3 +	1.33	0.17 -	7.96	1774.	54.	2.
558	0000	-846	37.6318	80.2886	DB-2	1.3	1.8	10.5 +	1.40	0.17 -	8.20	1773.	55.	1.
559	0000	-844	37.6318	80.2892	DB-2	1.3	2.0	9.6	1.60	0.21	7.63	1757.	53.	1.
560	0000	-843	37.6318	80.2897	DB-2	1.3	1.9	9.4	1.52	0.20	7.50	1742.	52.	0.
561	0000	-844	37.6318	80.2902	DB-2	1.2	2.1	9.0	1.66	0.23	7.28	1732.	53.	0.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UNIF CPS
562	0000	-844	37.6317	80.2907	DCH	1.2	2.3	8.6	1.85	0.27	6.95	1768.	52.	0.
563	0000	-843	37.6317	80.2912	DCH	1.3	2.2	9.1	1.67	0.24	6.95	1841.	52.	1.
564	0000	-843	37.6317	80.2919	DCH	1.5 +	2.1	9.8	1.44 -	0.21	6.74	1985.	51.	3.
565	0000	-842	37.6317	80.2923	DCH	1.5 +	1.8	10.0	1.20 -	0.18 -	6.48	2039.	52.	4.
566	0000	-841	37.6317	80.2929	DCH	1.5 +	1.6	10.9	1.06 -	0.15 -	7.07	2100.	52.	4.
567	0000	-841	37.6317	80.2934	DCH	1.6 +	1.9	11.3 +	1.19 -	0.17 -	7.10	2181.	52.	6.
568	0000	-841	37.6317	80.2939	DCH	1.7 +	1.7	11.9 +	1.00 -	0.14 --	7.14	2243.	53.	6.
569	0000	-842	37.6317	80.2945	DCH	1.8 ++	1.7	12.5 +	0.97 -	0.14 --	6.93	2289.	53.	6.
570	0000	-841	37.6317	80.2950	DCH	1.8 ++	1.9	12.1 +	1.05 -	0.16 -	6.59	2291.	53.	5.
571	0000	-840	37.6317	80.2955	DCH	1.7 +	2.0	11.6 +	1.19 -	0.17 -	6.82	2212.	51.	4.
572	0000	-840	37.6317	80.2961	DCH	1.6 +	2.2	11.2 +	1.36 -	0.20	6.80	2163.	49.	3.
573	0000	-841	37.6317	80.2967	DCH	1.5 +	2.5	10.2	1.58	0.25	6.40	2107.	50.	2.
574	0000	-840	37.6317	80.2971	DCH	1.5 +	2.5	9.5	1.61	0.26	6.24	2033.	51.	1.
575	0000	-839	37.6317	80.2977	DCH	1.5 +	2.6	8.8	1.74	0.29	6.01 -	1981.	51.	1.
576	0000	-839	37.6317	80.2982	DCH	1.4 +	2.3	8.4	1.67	0.27	6.20	1942.	52.	1.
577	0000	-839	37.6317	80.2988	DCH	1.3 +	2.4	8.6	1.76	0.27	6.43	1923.	51.	1.
578	0000	-839	37.6317	80.2993	DCH	1.3	2.6	7.9	2.02	0.33 +	6.17	1899.	54.	1.
579	0000	-840	37.6317	80.2998	DCH	1.3	2.7	8.0	1.99	0.33 +	6.00 -	1917.	57.	1.
580	0000	-840	37.6317	80.3004	DCH	1.4 +	2.5	8.6	1.82	0.29	6.27	1949.	57.	1.
581	0000	-839	37.6317	80.3009	DCH	1.4 +	2.6	8.7	1.94	0.30	6.46	1962.	57.	1.
582	0000	-839	37.6317	80.3014	DCH	1.3 +	2.7 +	9.1	2.05	0.30	6.82	1979.	55.	1.
583	0000	-838	37.6316	80.3020	DCH	1.4 +	3.0 +	9.1	2.18	0.33 +	6.67	1989.	56.	1.
584	0000	-837	37.6316	80.3025	DCH	1.3	2.8 +	9.4	2.13	0.30	7.07	1979.	55.	1.
585	0000	-836	37.6316	80.3031	DCH	1.4 +	2.7	9.7	1.96	0.28	7.10	1972.	53.	1.
586	0000	-836	37.6317	80.3036	DCH	1.3	2.5	9.9	1.88	0.25	7.50	1960.	52.	0.
587	0000	-836	37.6317	80.3041	DCH	1.3	2.5	10.1	1.95	0.25	7.86	1933.	53.	0.
588	0000	-837	37.6317	80.3047	DCH	1.3	2.3	10.3	1.74	0.22	7.96	1905.	51.	0.
589	0000	-836	37.6317	80.3052	DCH	1.3	1.9	9.9	1.51	0.20	7.70	1855.	51.	1.
590	0000	-836	37.6316	80.3058	DCH	1.2	1.7	9.8	1.45 -	0.18 -	8.23	1799.	47.	1.
591	0000	-836	37.6316	80.3063	DCH	1.2	1.8	9.5	1.51	0.19 -	7.91	1759.	49.	1.
592	0000	-836	37.6316	80.3068	DCH	1.2	1.8	9.3	1.55	0.19	8.01	1738.	51.	1.
593	0000	-837	37.6316	80.3074	DCH	1.1	1.9	8.9	1.68	0.21	7.88	1742.	50.	1.
594	0000	-837	37.6316	80.3078	DCH	1.2	1.9	9.0	1.61	0.21	7.59	1771.	50.	1.
595	0000	-837	37.6316	80.3084	DCH	1.2	2.0	9.3	1.73	0.22	7.90	1828.	50.	2.
596	0000	-837	37.6316	80.3090	DCH	1.2	2.3	10.0	1.87	0.23	8.17	1889.	52.	1.
597	0000	-837	37.6315	80.3096	DCH	1.3	2.4	10.6	1.80	0.22	8.10	1942.	55.	1.
598	0000	-838	37.6315	80.3100	MPO	1.4 +	2.4 +	10.8 +	1.80 -	0.23	7.99	1978.	55.	1.
599	0000	-838	37.6315	80.3105	MPO	1.4 +	2.2	11.1 +	1.59 -	0.20 -	7.99	2008.	55.	2.
600	0000	-837	37.6316	80.3111	MPO	1.4 +	2.3	11.1 +	1.66 -	0.21	8.05	1995.	57.	2.
601	0000	-836	37.6316	80.3116	MPO	1.3 +	2.3	10.7 +	1.81 -	0.22	8.29	1957.	58.	2.
602	0000	-836	37.6316	80.3122	MPO	1.3 +	2.2	10.0 +	1.68 -	0.22	7.64	1905.	62.	2.
603	0000	-835	37.6316	80.3127	MPO	1.3 +	2.0	9.8 +	1.53 -	0.20 -	7.63	1847.	62.	2.
604	0000	-835	37.6315	80.3133	MPO	1.2 +	2.1	9.2 +	1.75 -	0.22	7.84	1783.	62.	2.
605	0000	-833	37.6315	80.3138	MPO	1.1 +	2.0	9.0 +	1.90	0.22	8.44	1730.	61.	2.
606	0000	-833	37.6315	80.3143	MPO	0.9	2.0	8.9	2.15	0.23	9.45	1666.	61.	2.
607	0000	-834	37.6315	80.3148	MPO	0.9	2.0	9.0	2.14	0.22	9.78	1619.	63.	1.
608	0000	-834	37.6315	80.3154	MPO	0.9	1.8	9.1 +	1.98	0.20 -	10.03	1585.	62.	1.
609	0000	-835	37.6315	80.3159	MPO	0.8	1.9	9.5 +	2.27	0.20 -	11.61	1565.	59.	0.
610	0000	-836	37.6315	80.3164	MPO	0.8	2.0	9.8 +	2.67	0.22	12.26	1547.	57.	0.
611	0000	-835	37.6315	80.3170	MPO	0.7	2.1	8.9	3.03	0.24	12.82	1506.	58.	0.
612	0000	-837	37.6315	80.3175	MPO	0.7	2.0	8.3	2.99	0.24	12.68	1459.	59.	1.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-839	37.6315	80.3180	MMCC	0.6	2.0	8.0	3.21	0.25	13.03 +	1407.	59.	2.
614	0000	-839	37.6315	80.3186	MMCC	0.6 -	1.8	7.8	3.18	0.23	14.07 +	1352.	56.	3.
615	0000	-839	37.6315	80.3191	MMCC	0.5 -	1.9	7.5	3.75 +	0.25	15.02 +	1298.	55.	3.
616	0000	-839	37.6315	80.3197	MMCC	0.5 -	1.6	7.4	3.04	0.21	14.36 +	1256.	55.	5.
617	0000	-838	37.6315	80.3202	MMCC	0.5 -	1.6	7.1	3.47 +	0.23	15.10 +	1221.	55.	5.
618	0000	-838	37.6315	80.3207	MMCC	0.5 -	1.5 -	7.0	2.92	0.21	14.01 +	1211.	55.	5.
619	0000	-838	37.6314	80.3213	MMCC	0.5 -	1.6	7.4	3.54 +	0.22	16.22 +	1204.	56.	4.
620	0000	-837	37.6315	80.3218	MMCC	0.5 -	1.7	7.6	3.75 +	0.22	16.70 ++	1239.	56.	3.
621	0000	-836	37.6315	80.3224	MMCC	0.5 -	1.8	7.9	3.71 +	0.22	16.50 ++	1253.	58.	2.
622	0000	-837	37.6315	80.3229	MMCC	0.5 -	1.8	7.8	3.70 +	0.23	16.06 +	1256.	59.	2.
623	0000	-838	37.6315	80.3234	MMCC	0.4 -	2.2	7.1	5.05 +	0.31	16.40 +	1217.	62.	1.
624	0000	-836	37.6315	80.3240	MMCC	0.4 -	2.1	6.7	5.11 +	0.32	16.20 +	1183.	63.	1.
625	0000	-836	37.6315	80.3245	MMCC	0.4 --	2.2	6.7	5.47 ++	0.32	16.95 ++	1154.	62.	1.
626	0000	-837	37.6314	80.3251	MG	0.4 -	2.2	6.0 -	5.09 +	0.36	14.25 ++	1125.	61.	2.
627	0000	-836	37.6314	80.3255	MG	0.4 -	2.0	5.6 -	5.05 +	0.36	13.97 ++	1078.	62.	4.
628	0000	-835	37.6314	80.3262	MG	0.4 --	2.2	4.9 -	5.88 +	0.45 +	13.15 ++	1060.	62.	5.
629	0000	-836	37.6314	80.3267	MG	0.4 --	2.1	5.2 -	5.81 +	0.41	14.09 ++	1079.	62.	6.
630	0000	-836	37.6314	80.3271	MG	0.4 -	1.9	5.6 -	4.62 +	0.35	13.26 ++	1123.	58.	8.
631	0000	-835	37.6314	80.3277	MG	0.5 -	1.8	6.1	3.92 +	0.30	13.06 ++	1167.	59.	8.
632	0000	-835	37.6314	80.3282	MG	0.5 -	1.7 -	5.9 -	3.13	0.29	10.91 +	1196.	60.	9.
633	0000	-835	37.6314	80.3288	MG	0.6 -	1.7 -	6.3	3.03	0.27	11.34 +	1209.	58.	9.
634	0000	-834	37.6314	80.3293	MG	0.6 -	1.7 -	6.1	3.04	0.28	11.03 +	1201.	58.	8.
635	0000	-835	37.6314	80.3299	MG	0.5 -	1.6 -	6.4	2.90	0.24	11.87 +	1199.	57.	8.
636	0000	-834	37.6314	80.3304	MG	0.5 -	1.5 -	5.8 -	3.04	0.26	11.59 +	1159.	57.	8.
637	0000	-834	37.6314	80.3309	MG	0.5 -	1.5 -	5.8 -	3.01	0.26	11.37 +	1135.	57.	7.
638	0000	-833	37.6314	80.3315	MG	0.5 -	1.5 -	5.5 -	3.02	0.27	11.24 +	1107.	56.	7.
639	0000	-832	37.6314	80.3320	MG	0.5 -	1.4 -	5.7 -	3.21	0.25	12.70 +	1089.	54.	6.
640	0000	-833	37.6313	80.3326	MMCC	0.5 -	1.2 -	5.9	2.68	0.21	12.85 +	1100.	54.	6.
641	0000	-832	37.6313	80.3331	MMCC	0.5 -	1.3 -	6.0	2.53	0.21	11.96 +	1141.	54.	6.
642	0000	-831	37.6313	80.3336	MMCC	0.5 -	1.5	6.0	2.89	0.26	11.28 +	1172.	52.	6.
643	0000	-832	37.6313	80.3341	MMCC	0.6 -	1.5 -	6.6	2.46	0.22	10.97	1225.	52.	5.
644	0000	-831	37.6313	80.3347	MMCC	0.6 -	1.8	6.4	3.04	0.29	10.57	1261.	54.	5.
645	0000	-830	37.6313	80.3352	MMCC	0.6 -	2.1	6.6	3.53 +	0.33	10.78	1301.	55.	4.
646	0000	-830	37.6313	80.3357	MMCC	0.6 -	2.3	6.7	3.98 +	0.35	11.36 +	1335.	56.	4.
647	0000	-829	37.6313	80.3363	MMCC	0.6 -	2.6 +	6.6	4.29 +	0.39 +	11.09	1353.	58.	2.
648	0000	-829	37.6313	80.3368	MMCC	0.6	2.8 +	6.7	4.41 +	0.41 +	10.74	1367.	57.	2.
649	0000	-830	37.6313	80.3373	MMCC	0.6	2.5 +	6.8	3.92 +	0.37 +	10.60	1357.	60.	1.
650	0000	-828	37.6313	80.3379	MMCC	0.6 -	2.6 +	6.2	4.27 +	0.42 +	10.22	1324.	60.	1.
651	0000	-829	37.6313	80.3384	MMCC	0.6 -	2.3	6.3	3.88 +	0.36	10.81	1278.	59.	1.
652	0000	-831	37.6313	80.3390	MMCC	0.6 -	2.1	6.0	3.85 +	0.36	10.69	1253.	58.	0.
653	0000	-829	37.6313	80.3395	MMCC	0.6 -	1.9	6.0	3.18	0.32	9.96	1231.	56.	1.
654	0000	-829	37.6313	80.3400	MMCC	0.6 -	1.9	6.4	3.09	0.29	10.68	1238.	54.	1.
655	0000	-829	37.6313	80.3407	MMCC	0.6	1.8	6.6	2.83	0.27	10.50	1250.	54.	1.
656	0000	-829	37.6313	80.3412	MMCC	0.7	1.9	6.8	2.93	0.28	10.28	1288.	52.	1.
657	0000	-828	37.6313	80.3419	MMCC	0.7	2.0	7.2	2.65	0.27	9.72	1344.	53.	1.
658	0000	-828	37.6313	80.3424	MPO	0.8	2.1	7.4	2.69	0.28	9.54	1407.	52.	1.
659	0000	-828	37.6313	80.3430	MPO	0.9	2.2	7.9	2.54	0.27	9.32	1440.	53.	1.
660	0000	-828	37.6313	80.3437	MPO	0.9	2.3	7.7	2.65	0.29	9.03	1460.	54.	1.
661	0000	-828	37.6313	80.3442	MPO	0.9	2.4	7.3	2.79	0.33	8.54	1461.	56.	1.
662	0000	-829	37.6313	80.3449	MPO	0.9	2.4	7.0	2.75	0.34	8.08	1450.	59.	1.
663	0000	-829	37.6313	80.3455	MPO	0.9	2.3	7.0	2.68	0.32	8.25	1440.	59.	1.

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-829	37.6314	80.3461	MPO	0.8	2.3	7.1	3.01	0.33	9.11	1431.	57.	1.
665	0000	-829	37.6314	80.3467	MPO	0.7	2.5 +	7.0	3.31	0.35	9.36	1392.	58.	1.
666	0000	-830	37.6314	80.3473	MPO	0.7	2.3	6.6	3.28	0.34	9.59	1344.	59.	2.
667	0000	-831	37.6314	80.3480	MPO	0.7	2.3	6.5	3.37	0.36	9.49	1299.	59.	2.
668	0000	-832	37.6314	80.3485	MPO	0.7	2.2	6.4	3.31	0.34	9.77	1265.	58.	2.
669	0000	-830	37.6314	80.3491	MPO	0.6	2.0	6.2	3.27	0.32	10.17	1233.	58.	3.
670	0000	-830	37.6314	80.3498	DCH	0.6	2.0	6.4	3.21	0.31	10.48	1240.	58.	3.
671	0000	-830	37.6314	80.3503	DCH	0.6	1.9	6.5	3.11	0.29	10.59	1252.	59.	3.
672	0000	-829	37.6314	80.3510	DCH	0.6	1.8	7.1	2.98	0.25	11.80	1290.	57.	3.
673	0000	-830	37.6315	80.3516	DCH	0.6 -	1.9	7.2	3.16	0.26	12.30	1333.	56.	3.
674	0000	-831	37.6315	80.3521	DCH	0.6 -	1.9	7.9	3.33	0.24	13.87 +	1384.	56.	3.
675	0000	-831	37.6315	80.3528	DCH	0.6 -	1.9	7.9	3.25	0.24	13.49 +	1409.	57.	4.
676	0000	-832	37.6315	80.3534	DCH	0.5 -	2.0	8.4	3.74 +	0.24	15.74 +	1410.	55.	2.
677	0000	-832	37.6315	80.3540	DCH	0.5 -	2.0	8.0	4.06 +	0.26	15.85 +	1365.	53.	2.
678	0000	-832	37.6315	80.3546	DCH	0.5 -	1.8	7.5	3.64 +	0.24	15.23 +	1294.	54.	2.
679	0000	-832	37.6315	80.3552	DCH	0.5 -	1.7	6.6	3.39 +	0.26	13.15 +	1225.	58.	3.
680	0000	-831	37.6315	80.3558	DCH	0.5 -	1.6	6.3	3.11	0.25	12.58	1169.	59.	2.
681	0000	-831	37.6315	80.3564	DCH	0.5 -	1.5	6.1	3.10	0.25	12.56	1133.	59.	2.
682	0000	-831	37.6315	80.3570	DCH	0.5 -	1.4 -	6.2	2.95	0.23	13.09 +	1102.	62.	1.
683	0000	-831	37.6315	80.3576	DCH	0.5 -	1.4	6.0	2.69	0.24	11.38	1107.	63.	1.
684	0000	-831	37.6315	80.3582	DCH	0.6 -	1.3 -	6.5	2.32	0.20	11.69	1136.	63.	1.
685	0000	-831	37.6315	80.3588	DCH	0.6 -	1.4	7.0	2.48	0.20	12.24	1208.	63.	1.
686	0000	-831	37.6315	80.3594	DCH	0.6	1.6	8.0	2.70	0.20	13.41 +	1310.	62.	0.
687	0000	-832	37.6315	80.3601	DCH	0.6	1.8	8.9	2.95	0.20	14.40 +	1432.	60.	0.
688	0000	-832	37.6315	80.3606	DCH	0.7	1.9	9.2	2.61	0.21	12.50	1540.	61.	0.
689	0000	-832	37.6315	80.3612	DCH	0.8	2.2	10.3	2.64	0.21	12.15	1691.	58.	0.
690	0000	-833	37.6315	80.3619	DCH	0.9	2.2	10.8	2.28	0.20	11.36	1811.	57.	0.
691	0000	-835	37.6316	80.3624	DCH	1.0	2.4	10.8	2.41	0.23	10.65	1885.	60.	0.
692	0000	-835	37.6316	80.3631	DCH	1.1	2.4	10.9	2.20	0.22	10.13	1897.	58.	1.
693	0000	-836	37.6316	80.3637	DCH	1.1	2.4	10.5	2.11	0.23	9.38	1869.	56.	1.
694	0000	-836	37.6316	80.3642	DCH	1.2	2.2	9.9	1.84	0.22	8.34	1819.	54.	2.
695	0000	-836	37.6316	80.3649	DCH	1.1	2.0	10.0	1.71	0.20	8.74	1773.	54.	2.
696	0000	-836	37.6316	80.3655	DCH	1.1	2.1	9.0	1.88	0.23	8.19	1715.	55.	3.
697	0000	-835	37.6316	80.3662	DCH	1.1	2.1	9.1	1.93	0.23	8.58	1683.	55.	3.
698	0000	-835	37.6316	80.3667	DCH	1.1	2.0	9.1	1.87	0.22	8.58	1684.	51.	3.
699	0000	-835	37.6316	80.3673	DCH	1.1	2.2	8.8	2.10	0.25	8.38	1694.	53.	3.
700	0000	-834	37.6316	80.3680	DCH	1.1	2.3	9.0	2.02	0.25	8.05	1738.	53.	3.
701	0000	-834	37.6316	80.3685	DCH	1.1	2.5	9.5	2.19	0.26	8.45	1781.	55.	2.
702	0000	-834	37.6316	80.3692	DCH	1.2	2.8 +	9.4	2.32	0.29	7.94	1829.	54.	1.
703	0000	-833	37.6316	80.3698	DCH	1.3	2.6	9.9	2.05	0.26	7.81	1854.	52.	1.
704	0000	-833	37.6316	80.3704	DCH	1.3	2.5	10.1	1.96	0.25	7.89	1856.	52.	1.
705	0000	-833	37.6316	80.3710	DCH	1.3	2.5	9.9	2.00	0.25	7.89	1857.	55.	1.
706	0000	-832	37.6316	80.3716	DCH	1.3	2.4	10.2	1.84	0.23	7.87	1886.	55.	2.
707	0000	-832	37.6316	80.3722	DCH	1.3	2.2	10.2	1.67	0.21	7.83	1875.	58.	2.
708	0000	-834	37.6316	80.3728	DCH	1.4 +	1.8	9.7	1.35 -	0.19 -	7.12	1857.	57.	4.
709	0000	-834	37.6317	80.3734	DCH	1.4 +	1.7	9.3	1.26 -	0.19 -	6.71	1860.	57.	5.
710	0000	-833	37.6317	80.3740	DCH	1.3	1.8	8.9	1.40 -	0.21	6.74	1870.	59.	7.
711	0000	-834	37.6317	80.3746	DCH	1.3 +	2.0	8.5	1.49 -	0.23	6.44	1882.	62.	8.
712	0000	-834	37.6317	80.3752	DCH	1.4 +	1.9	8.7	1.34 -	0.22	6.16	1884.	61.	8.
713	0000	-834	37.6317	80.3758	DCH	1.4 +	1.9	8.3	1.38 -	0.23	5.95 -	1875.	58.	9.
714	0000	-834	37.6317	80.3764	DCH	1.4 +	2.0	8.0	1.43 -	0.25	5.81 -	1876.	58.	10.

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-834	37.6317	80.3770		DCH	1.3	2.2	8.1	1.68	0.27	6.31	1880.	58.	9.
716	0000	-835	37.6317	80.3776		DCH	1.2	2.0	8.5	1.62	0.23	6.95	1850.	58.	9.
717	0000	-835	37.6317	80.3783		DCH	1.3	1.8	9.1	1.42 -	0.19 -	7.31	1841.	55.	8.
718	0000	-835	37.6317	80.3788		DCH	1.2	1.7	9.6	1.42 -	0.18 -	7.91	1845.	55.	8.
719	0000	-835	37.6317	80.3794		DCH	1.2	1.7	9.4	1.43 -	0.18 -	7.89	1878.	56.	8.
720	0000	-835	37.6317	80.3801		MPO	1.3 +	1.8	9.9 +	1.42 -	0.18 -	7.96	1885.	59.	6.
721	0000	-835	37.6317	80.3807		MPO	1.2 +	1.7	10.3 +	1.37 -	0.16 -	8.33	1882.	59.	5.
722	0000	-835	37.6317	80.3813		MPO	1.2 +	1.7	10.2 +	1.36 -	0.16 -	8.37	1862.	60.	4.
723	0000	-834	37.6317	80.3819		MPO	1.2 +	1.9	10.1 +	1.55 -	0.19 -	8.18	1836.	62.	3.
724	0000	-833	37.6317	80.3825		MPO	1.2 +	2.0	9.3 +	1.64 -	0.21	7.80	1775.	64.	2.
725	0000	-833	37.6317	80.3831		MPO	1.2 +	1.9	8.5	1.52 -	0.22	6.87 -	1701.	65.	1.
726	0000	-834	37.6317	80.3837		MPO	1.2 +	1.8	8.2	1.55 -	0.22	7.11 -	1589.	65.	1.
727	0000	-834	37.6318	80.3844		MPO	1.1 +	1.7	8.0	1.57 -	0.21	7.50 -	1509.	63.	0.
728	0000	-833	37.6318	80.3850		MPO	1.0 +	1.6	7.5	1.57 -	0.21	7.38 -	1462.	62.	1.
729	0000	-834	37.6318	80.3855		MPO	1.0	1.7	7.3	1.78 -	0.23	7.61	1448.	60.	1.
730	0000	-835	37.6318	80.3862		MPO	0.9	1.6	7.3	1.81 -	0.22	8.06	1449.	61.	1.
731	0000	-836	37.6318	80.3868		MPO	0.9	1.6	7.7	1.85	0.21	8.78	1457.	58.	2.
732	0000	-836	37.6318	80.3874		MPO	0.7	1.7	8.0	2.28	0.21	10.84	1462.	57.	3.
733	0000	-836	37.6318	80.3880		MPO	0.7	1.7	8.1	2.46	0.21	11.96	1469.	57.	5.
734	0000	-837	37.6318	80.3885		MPO	0.7	1.7	8.2	2.59	0.21	12.38	1480.	58.	6.
735	0000	-837	37.6318	80.3892		MPO	0.7	1.6	8.2	2.52	0.20 -	12.65	1482.	58.	8.
736	0000	-837	37.6318	80.3898		MPO	0.7	1.3	8.4	1.79 -	0.16 -	11.42	1483.	60.	9.
737	0000	-837	37.6319	80.3904		MPO	0.7	1.3 -	8.1	1.70 -	0.15 -	11.05	1491.	60.	9.
738	0000	-837	37.6319	80.3910		MPO	0.7	1.2 -	8.0	1.58 -	0.15 --	10.86	1492.	63.	9.
739	0000	-837	37.6319	80.3916		MPO	0.8	1.2 -	7.9	1.43 -	0.15 --	9.56	1511.	61.	9.
740	0000	-837	37.6319	80.3922		MPO	0.9	1.3	7.7	1.48 -	0.17 -	8.57	1530.	61.	8.
741	0000	-836	37.6319	80.3928		MPO	1.0 +	1.1 -	7.6	1.13 --	0.15 --	7.67	1535.	60.	7.
742	0000	-837	37.6319	80.3935		MPO	1.0 +	1.6	7.5	1.57 -	0.21	7.59 -	1533.	61.	5.
743	0000	-837	37.6319	80.3940		MPO	0.9	1.7	7.5	1.88	0.23	8.31	1503.	61.	4.
744	0000	-837	37.6319	80.3946		DCH	0.9	1.8	7.3	2.03	0.25	8.22	1450.	60.	4.
745	0000	-838	37.6319	80.3953		DCH	0.9	1.8	7.5	2.06	0.25	8.32	1426.	60.	4.
746	0000	-838	37.6319	80.3958		DCH	0.9	1.8	7.2	2.02	0.25	8.12	1399.	61.	5.
747	0000	-838	37.6319	80.3964		DCH	0.8	1.6	7.4	1.87	0.21	8.85	1375.	60.	5.
748	0000	-838	37.6319	80.3971		DCH	0.8	1.8	7.0	2.36	0.26	9.03	1370.	60.	5.
749	0000	-838	37.6319	80.3976		DCH	0.8	1.5	7.2	1.97	0.21	9.47	1356.	59.	5.
750	0000	-837	37.6320	80.3983		DCH	0.8	1.6	7.2	2.05	0.23	8.96	1369.	57.	5.
751	0000	-838	37.6320	80.3989		DCH	0.8	1.4	7.1	1.69	0.20	8.47	1385.	57.	6.
752	0000	-838	37.6320	80.3994		DCH	0.8	1.5	6.9	1.85	0.22	8.34	1404.	55.	6.
753	0000	-837	37.6320	80.4001		DCH	0.8	1.9	7.2	2.43	0.27	9.12	1423.	55.	6.
754	0000	-838	37.6320	80.4007		DCH	0.9	2.0	7.4	2.34	0.27	8.54	1476.	54.	6.
755	0000	-838	37.6320	80.4014		DCH	0.8	2.2	7.5	2.55	0.29	8.87	1485.	54.	6.
756	0000	-837	37.6320	80.4019		DCH	0.8	2.2	7.0	2.69	0.31	8.61	1483.	56.	6.
757	0000	-837	37.6320	80.4025		DCH	0.8	2.2	7.0	2.72	0.31	8.73	1460.	57.	6.
758	0000	-837	37.6320	80.4032		DCH	0.8	2.3	7.1	2.82	0.32	8.86	1451.	56.	5.
759	0000	-837	37.6320	80.4037		DCH	0.8	2.2	7.0	2.67	0.32	8.41	1432.	57.	4.
760	0000	-837	37.6320	80.4044		DCH	0.9	2.0	6.8	2.24	0.29	7.60	1423.	57.	3.
761	0000	-838	37.6320	80.4049		DCH	0.9	2.1	6.4	2.44	0.34 +	7.29	1397.	57.	3.
762	0000	-837	37.6320	80.4055		DCH	0.9	2.0	6.5	2.16	0.31	7.07	1379.	59.	2.
763	0000	-837	37.6320	80.4062		DCH	1.0	1.9	6.9	1.91	0.28	6.95	1387.	57.	1.
764	0000	-837	37.6320	80.4068		DCH	1.0	1.8	6.9	1.82	0.27	6.86	1385.	58.	1.
765	0000	-838	37.6320	80.4074		DCH	0.9	1.9	6.9	2.06	0.28	7.47	1370.	58.	1.

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-839	37.6320	80.4080	DCH	0.9	1.9	6.9	2.14	0.27	8.00	1356.	56.	1.
767	0000	-839	37.6320	80.4086	DCH	0.8	1.7	6.9	2.22	0.25	8.84	1333.	58.	2.
768	0000	-839	37.6320	80.4092	DCH	0.7	1.6	7.8	2.20	0.20	10.95	1341.	58.	3.
769	0000	-840	37.6320	80.4098	DCH	0.6 -	1.8	8.8	3.07	0.20	15.37 +	1418.	56.	4.
770	0000	-839	37.6321	80.4104	DCH	0.5 -	2.2	10.1	4.45 +	0.22	20.57 ++	1530.	56.	5.
771	0000	-839	37.6321	80.4110	DCH	0.4 -	2.4	11.6 +	5.47 ++	0.21	25.92 ++	1713.	56.	6.
772	0000	-839	37.6321	80.4116	DCH	0.5 -	2.8 +	13.0 +	5.56 ++	0.21	26.12 +++	1912.	56.	7.
773	0000	-840	37.6321	80.4122	MPO	0.5	3.3 ++	14.1 ++	6.73 ++	0.23	29.26 +++	2044.	58.	7.
774	0000	-840	37.6321	80.4128	MPO	0.5	3.4 ++	14.9 ++	7.07 ++	0.23	30.76 +++	2098.	55.	7.
775	0000	-840	37.6321	80.4135	MPO	0.4	3.4 ++	14.2 ++	7.54 ++	0.24	31.83 +++	2036.	57.	8.
776	0000	-839	37.6321	80.4140	MPO	0.5	3.2 ++	12.7 ++	6.93 ++	0.25	27.83 +++	1891.	59.	8.
777	0000	-839	37.6321	80.4146	MPO	0.4 -	2.9 +	10.9 +	6.82 ++	0.26	26.08 +++	1697.	60.	7.
778	0000	-841	37.6321	80.4153	MPO	0.4 -	2.5 +	9.1 +	6.46 ++	0.28	23.07 ++	1455.	57.	7.
779	0000	-840	37.6321	80.4158	MPO	0.3 -	2.1	7.1	6.79 ++	0.30	22.78 ++	1183.	56.	6.
780	0000	-839	37.6321	80.4165	MPO	0.3 -	1.7	5.5	5.57 +	0.30	18.36 ++	978.	55.	4.
781	0000	-839	37.6322	80.4171	MPO	0.3 --	1.4	4.6 -	5.15 +	0.30	16.91 +	842.	54.	3.
782	0000	-840	37.6322	80.4176	MPO	0.2 --	1.5	3.9 -	6.06 +	0.37 +	16.28 +	772.	54.	2.
783	0000	-840	37.6322	80.4183	MPO	0.2 --	1.3	3.9 -	5.40 +	0.34	16.00 +	738.	53.	1.
784	0000	-840	37.6322	80.4189	MPO	0.3 -	1.2 -	4.0 -	4.13	0.30	13.62 +	737.	51.	1.
785	0000	-840	37.6322	80.4195	MPO	0.3 -	1.2 -	3.6 -	4.04	0.32	12.51	740.	52.	1.
786	0000	-840	37.6322	80.4201	MPO	0.3 -	1.0 -	3.7 -	3.08	0.27	11.24	760.	54.	3.
787	0000	-841	37.6322	80.4207	MPO	0.3 -	0.9 -	3.7 -	2.83	0.25	11.46	779.	54.	4.
788	0000	-841	37.6322	80.4214	MPO	0.3 -	0.9 -	3.8 -	2.66	0.24	10.92	797.	55.	5.
789	0000	-840	37.6322	80.4219	MPO	0.4 -	0.8 -	3.9 -	1.89	0.19 -	9.72	828.	53.	6.
790	0000	-840	37.6322	80.4225	MPO	0.4 -	0.8 -	4.0 -	1.79 -	0.19 -	9.39	859.	54.	8.
791	0000	-841	37.6322	80.4232	MPO	0.4	0.8 -	4.0 -	1.87	0.20 -	9.48	885.	57.	9.
792	0000	-841	37.6322	80.4237	MPO	0.4 -	0.8 -	4.5 -	2.00	0.18 -	11.11	908.	58.	9.
793	0000	-840	37.6322	80.4243	MPO	0.4	0.9 -	4.6 -	2.08	0.19 -	10.78	940.	55.	9.
794	0000	-839	37.6322	80.4250	MPO	0.4 -	1.1 -	4.6 -	2.50	0.23	10.84	963.	56.	9.
795	0000	-839	37.6322	80.4256	MPO	0.5	1.1 -	4.2 -	2.52	0.27	9.38	980.	54.	9.
796	0000	-842	37.6322	80.4262	MPO	0.5	1.2 -	4.2 -	2.57	0.28	9.19	978.	55.	9.
797	0000	-842	37.6322	80.4267	MPO	0.4	1.1 -	4.1 -	2.57	0.28	9.17	974.	55.	8.
798	0000	-841	37.6322	80.4274	MPO	0.4 -	1.2 -	3.8 -	2.79	0.31	9.03	954.	53.	7.
799	0000	-841	37.6323	80.4280	MPO	0.5	1.3 -	3.8 -	2.77	0.33	8.46	936.	53.	7.
800	0000	-841	37.6323	80.4286	MPO	0.4 -	1.2 -	3.8 -	3.01	0.32	9.42	899.	56.	7.
801	0000	-842	37.6323	80.4292	MPO	0.4	1.1 -	3.7 -	2.47	0.29	8.50	871.	58.	6.
802	0000	-843	37.6323	80.4298	MPO	0.4 -	1.0 -	3.8 -	2.44	0.27	9.02	873.	59.	6.
803	0000	-842	37.6323	80.4304	MPO	0.4 -	1.4	3.9 -	3.26	0.35	9.28	915.	59.	5.
804	0000	-842	37.6323	80.4310	MPO	0.5	1.3	4.3 -	2.86	0.31	9.09	976.	59.	5.
805	0000	-843	37.6323	80.4317	MPO	0.5	1.4	4.8	2.68	0.29	9.37	1044.	61.	4.
806	0000	-843	37.6323	80.4322	MPO	0.5	1.5	5.2	2.70	0.28	9.61	1125.	60.	4.
807	0000	-843	37.6323	80.4328	MPO	0.6	1.6	5.9	2.85	0.28	10.34	1229.	58.	3.
808	0000	-843	37.6323	80.4335	MPO	0.6	1.8	6.9	2.73	0.26	10.55	1347.	57.	3.
809	0000	-844	37.6323	80.4340	MPO	0.7	2.0	7.8	2.98	0.25	11.77	1468.	56.	2.
810	0000	-844	37.6323	80.4347	MPO	0.7	2.1	8.6	3.07	0.25	12.40	1564.	57.	2.
811	0000	-843	37.6323	80.4353	MPO	0.7	2.4	8.9	3.48	0.27	12.91	1612.	54.	1.
812	0000	-843	37.6323	80.4358	MPO	0.7	2.5 +	9.2 +	3.60	0.27	13.29	1628.	53.	1.
813	0000	-844	37.6323	80.4365	MPO	0.7	2.4 +	8.8	3.56	0.28	12.84	1578.	54.	1.
814	0000	-844	37.6323	80.4371	MPO	0.7	2.4	8.3	3.56	0.29	12.25	1499.	53.	0.
815	0000	-844	37.6323	80.4377	MPO	0.6	2.3	7.5	4.00	0.31	13.00	1389.	53.	1.
816	0000	-844	37.6323	80.4383	MPO	0.5	2.2	6.2	4.11	0.36	11.54	1238.	54.	1.

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* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K		GROSS CPS	COS CPS	UAIR CPS
817	0000	-844	37.6324	80.4389	MPO	0.5	2.0	5.3	4.06	0.37 +	10.94		1107.	53.	2.
818	0000	-844	37.6324	80.4395	MPO	0.5	1.7	4.8	3.74	0.36	10.42		1017.	53.	2.
819	0000	-844	37.6324	80.4401	MPO	0.4 -	1.6	4.4 -	4.00	0.37 +	10.86		955.	54.	2.
820	0000	-844	37.6324	80.4407	MPO	0.4 -	1.6	4.5 -	3.99	0.35	11.43		938.	54.	2.
821	0000	-844	37.6324	80.4413	MPO	0.4 -	1.6	4.4 -	3.93	0.36	10.98		938.	53.	2.
822	0000	-845	37.6324	80.4419	MPO	0.4 -	1.6	4.3 -	4.06	0.38 +	10.57		934.	54.	3.
823	0000	-845	37.6324	80.4426	MPO	0.4 -	1.5	4.5 -	3.77	0.33	11.56		930.	53.	2.
824	0000	-845	37.6324	80.4432	MPO	0.4	1.3	4.2 -	3.06	0.31	9.74		910.	54.	2.
825	0000	-845	37.6324	80.4438	MPO	0.4 -	1.3	4.0 -	3.31	0.34	9.88		887.	56.	2.
826	0000	-845	37.6324	80.4444	MPO	0.4	1.4	3.7 -	3.04	0.36	8.39		872.	55.	2.
827	0000	-846	37.6324	80.4450	MPO	0.5	1.5	3.2 --	3.12	0.47 +	6.59 -		884.	52.	2.
828	0000	-845	37.6324	80.4456	MPO	0.5	1.5	3.4 -	3.21	0.45 +	7.08 -		902.	54.	2.
829	0000	-845	37.6324	80.4462	MPO	0.5	1.5	3.5 -	2.82	0.43 +	6.63 -		942.	53.	2.
830	0000	-845	37.6324	80.4468	MPO	0.6	1.6	3.6 -	2.62	0.43 +	6.05 -		1018.	54.	3.
831	0000	-846	37.6324	80.4474	MPO	0.6	1.7	4.2 -	2.69	0.39 +	6.87 -		1114.	52.	4.
832	0000	-846	37.6324	80.4480	MPO	0.7	1.8	5.1	2.76	0.36	7.73		1194.	50.	4.
833	0000	-847	37.6324	80.4486	MPO	0.7	1.9	5.4	2.69	0.34	7.83		1246.	51.	4.
834	0000	-846	37.6324	80.4492	MPO	0.7	1.7	6.2	2.35	0.27	8.82		1338.	51.	6.
835	0000	-847	37.6324	80.4498	MPO	0.8	1.7	6.6	2.00	0.25	7.99		1467.	51.	7.
836	0000	-847	37.6324	80.4503	MPO	0.9	1.8	7.6	2.08	0.23	8.90		1591.	53.	8.
837	0000	-845	37.6324	80.4510	MPO	0.9	1.9	8.8	2.18	0.22	9.84		1713.	50.	9.
838	0000	-845	37.6324	80.4515	MPO	0.9	2.2	9.6 +	2.40	0.23	10.56		1811.	53.	9.
839	0000	-846	37.6324	80.4521	MPO	1.0 +	2.4	10.2 +	2.40	0.23	10.35		1895.	53.	9.
840	0000	-846	37.6324	80.4527	MPO	1.0 +	2.4 +	11.0 +	2.49	0.22	11.28		1996.	53.	10.
841	0000	-847	37.6324	80.4532	MPO	1.0 +	2.5 +	11.6 +	2.53	0.22	11.56		2033.	53.	10.
842	0000	-846	37.6324	80.4537	MPO	1.0 +	2.6 +	11.9 +	2.76	0.22	12.41		2020.	53.	10.
843	0000	-845	37.6324	80.4544	MPO	1.0 +	2.5 +	12.0 +	2.55	0.20	12.49		1982.	52.	10.
844	0000	-846	37.6324	80.4549	MPO	0.9	2.4	11.5 +	2.55	0.21	12.33		1904.	54.	9.
845	0000	-846	37.6324	80.4555	MPO	0.9	2.2	11.0 +	2.46	0.20 -	12.20		1816.	53.	8.
846	0000	-847	37.6324	80.4560	MPO	0.9	2.2	10.0 +	2.54	0.22	11.71		1728.	54.	7.
847	0000	-847	37.6324	80.4566	MPO	0.8	2.1	9.2 +	2.50	0.22	11.13		1631.	53.	6.
848	0000	-846	37.6324	80.4571	MPO	0.8	2.1	8.4	2.80	0.25	11.05		1519.	56.	4.
849	0000	-846	37.6324	80.4577	MPO	0.7	2.1	7.4	3.14	0.28	11.16		1397.	56.	4.
850	0000	-847	37.6324	80.4583	MPO	0.6	2.1	6.4	3.42	0.32	10.59		1288.	57.	3.
851	0000	-846	37.6323	80.4588	MPO	0.6	2.0	6.2	3.60	0.32	11.12		1204.	58.	2.
852	0000	-848	37.6323	80.4594	MPO	0.5	1.9	5.8	3.45	0.32	10.73		1141.	58.	2.
853	0000	-848	37.6323	80.4600	MPO	0.5	1.7	5.8	3.28	0.29	11.41		1110.	58.	2.
854	0000	-847	37.6323	80.4605	MPO	0.5	1.8	5.7	3.85	0.31	12.27		1103.	57.	2.
855	0000	-848	37.6323	80.4611	MPO	0.5	1.8	6.0	3.76	0.29	12.87		1118.	57.	2.
856	0000	-849	37.6323	80.4616	MPO	0.5	1.7	6.8	3.30	0.25	13.17		1172.	58.	2.
857	0000	-848	37.6323	80.4622	MPO	0.5	2.0	7.5	3.83	0.26	14.55 +		1258.	58.	1.
858	0000	-848	37.6323	80.4628	MPO	0.5	2.3	7.8	4.34 +	0.30	14.62 +		1358.	56.	1.
859	0000	-848	37.6323	80.4634	MPO	0.6	2.4	8.6	4.27 +	0.28	15.24 +		1466.	56.	1.
860	0000	-849	37.6323	80.4640	MPO	0.6	2.5 +	9.5 +	4.24 +	0.26	16.00 +		1560.	58.	0.
861	0000	-850	37.6322	80.4645	MMCC	0.6	2.5 +	9.9 +	3.89 +	0.25	15.44 +		1645.	59.	1.
862	0000	-849	37.6322	80.4650	MMCC	0.7	2.4	10.4 ++	3.62 +	0.23	15.60 +		1729.	58.	1.
863	0000	-849	37.6322	80.4656	MMCC	0.7	2.4	10.8 ++	3.44 +	0.22	15.59 +		1803.	58.	2.
864	0000	-849	37.6322	80.4662	MMCC	0.7	2.3	11.3 ++	3.50 +	0.21	16.98 ++		1844.	57.	3.
865	0000	-848	37.6322	80.4668	MMCC	0.7	2.0	12.0 +++	2.94	0.16 -	18.11 ++		1864.	58.	4.
866	0000	-848	37.6322	80.4672	MMCC	0.6	2.1	12.1 +++	3.17	0.17 -	18.60 ++		1860.	59.	4.
867	0000	-848	37.6322	80.4678	MMCC	0.6	2.1	12.0 +++	3.33	0.17 -	19.15 ++		1876.	60.	5.

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ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-848	37.6322	80.4685	MMCC	0.6	2.1	12.3 +++	3.52 +	0.17 -	20.19 ++	1892.	59.	6.
869	0000	-849	37.6322	80.4690	MMCC	0.6	2.4	12.5 +++	3.91 +	0.19 -	20.39 ++	1905.	59.	5.
870	0000	-849	37.6322	80.4696	MMCC	0.6 -	2.6 +	12.2 +++	4.38 +	0.21	20.77 ++	1901.	59.	6.
871	0000	-848	37.6321	80.4701	MMCC	0.7	2.4 +	12.2 +++	3.46 +	0.20 -	17.26 ++	1895.	62.	6.
872	0000	-848	37.6321	80.4707	MMCC	0.8	2.6 +	11.8 +++	3.19	0.22	14.24 +	1887.	61.	6.
873	0000	-848	37.6321	80.4712	MMCC	1.0	2.3	11.4 ++	2.39	0.20 -	11.82 +	1906.	60.	5.
874	0000	-848	37.6321	80.4718	MG	1.1	2.3	11.0 ++	2.21	0.21 -	10.45 +	1887.	58.	5.
875	0000	-849	37.6321	80.4724	MG	1.2	2.2	10.8 ++	1.93	0.21 -	9.33	1866.	60.	5.
876	0000	-848	37.6321	80.4730	MG	1.2	2.2	10.5 ++	1.77	0.20 -	8.66	1847.	58.	4.
877	0000	-848	37.6321	80.4735	MG	1.3 +	2.1	10.1 ++	1.65	0.21 -	7.75	1828.	57.	3.
878	0000	-848	37.6321	80.4741	MG	1.3 +	2.2	9.2 +	1.66	0.23	7.08	1791.	54.	4.
879	0000	-848	37.6321	80.4746	MG	1.2	2.4	8.6	2.10	0.28	7.38	1741.	54.	3.
880	0000	-848	37.6321	80.4752	MG	1.0	2.8	8.2	2.87	0.34	8.53	1664.	52.	3.
881	0000	-848	37.6321	80.4758	MG	0.9	2.7	7.5	3.09	0.36	8.58	1581.	52.	3.
882	0000	-847	37.6320	80.4763	MG	0.8	2.6	6.8	3.48	0.39	9.04	1464.	51.	2.
883	0000	-847	37.6320	80.4769	MG	0.6 -	2.8	5.8 -	4.60 +	0.49 +	9.49	1350.	52.	2.
884	0000	-846	37.6320	80.4775	MG	0.4 -	2.7	5.3 -	6.06 ++	0.51 +	11.93 +	1236.	51.	3.
885	0000	-844	37.6320	80.4780	MG	0.3 --	2.9	4.9 -	8.57 ++	0.58 ++	14.67 ++	1165.	51.	3.
886	0000	-845	37.6320	80.4786	MG	0.3 --	2.6	4.5 --	7.87 ++	0.57 ++	13.72 ++	1106.	50.	4.
887	0000	-846	37.6320	80.4791	MG	0.4 --	2.5	4.0 --	7.07 ++	0.62 ++	11.35 +	1058.	52.	4.
888	0000	-844	37.6320	80.4797	MG	0.3 --	2.5	4.1 --	7.61 ++	0.61 ++	12.39 +	1037.	52.	4.
889	0000	-844	37.6320	80.4802	MG	0.3 --	2.5	3.8 --	7.80 ++	0.67 ++	11.72 +	1025.	52.	4.
890	0000	-844	37.6320	80.4809	MG	0.4 --	2.4	4.1 --	6.59 ++	0.58 ++	11.42 +	1025.	51.	4.
891	0000	-844	37.6320	80.4815	MG	0.4 -	2.5	4.3 --	6.33 ++	0.58 ++	10.88 +	1070.	49.	3.
892	0000	-845	37.6320	80.4819	MG	0.4 --	2.6	4.4 --	6.97 ++	0.61 ++	11.51 +	1094.	51.	2.
893	0000	-845	37.6320	80.4825	MG	0.4 -	2.8	4.5 --	6.62 ++	0.61 ++	10.87 +	1132.	51.	1.
894	0000	-844	37.6320	80.4831	MG	0.4 -	2.9	4.8 -	7.27 ++	0.61 ++	11.96 +	1165.	50.	0.
895	0000	-845	37.6320	80.4837	MG	0.4 -	2.9	5.1 -	6.92 ++	0.57 ++	12.09 +	1217.	50.	0.
896	0000	-846	37.6320	80.4842	MG	0.4 -	3.2 +	5.7 -	7.05 ++	0.55 +	12.73 +	1294.	51.	0.
897	0000	-844	37.6319	80.4847	MG	0.5 -	3.3 +	5.7 -	7.07 ++	0.59 ++	12.04 +	1365.	53.	0.
898	0000	-843	37.6319	80.4853	MG	0.5 -	3.2 +	5.9 -	6.40 ++	0.54 +	11.78 +	1394.	57.	1.
899	0000	-843	37.6319	80.4859	MG	0.6 -	3.0 +	6.2	4.86 +	0.48 +	10.16 +	1459.	55.	2.
900	0000	-843	37.6319	80.4865	MG	0.6 -	3.0 +	6.7	4.60 +	0.44 +	10.43 +	1513.	55.	3.
901	0000	-843	37.6319	80.4871	MG	0.7	3.1 +	7.1	4.38 +	0.43 +	10.18 +	1564.	56.	3.
902	0000	-844	37.6319	80.4876	MG	0.7	3.2 +	7.3	4.54 +	0.44 +	10.42 +	1595.	54.	4.
903	0000	-845	37.6319	80.4882	MG	0.8	2.9	7.7	3.77	0.37	10.10	1617.	54.	5.
904	0000	-844	37.6319	80.4887	MG	0.8	2.6	7.8	3.36	0.34	9.88	1619.	51.	5.
905	0000	-843	37.6319	80.4893	MG	0.8	2.6	7.7	3.16	0.34	9.32	1630.	48.	6.
906	0000	-843	37.6319	80.4899	MG	0.8	2.6	8.0	3.13	0.32	9.78	1617.	48.	5.
907	0000	-843	37.6318	80.4904	MG	0.8	2.5	7.8	3.00	0.32	9.41	1595.	50.	5.
908	0000	-842	37.6318	80.4910	MG	0.9	2.1	8.0	2.26	0.26	8.83	1576.	51.	6.
909	0000	-843	37.6318	80.4915	MG	1.0	2.0	8.1	1.98	0.24	8.22	1565.	52.	5.
910	0000	-843	37.6318	80.4921	MG	1.0	2.1	7.7	2.15	0.27	7.85	1547.	53.	4.
911	0000	-842	37.6318	80.4927	MG	1.0	2.1	7.9	2.03	0.27	7.63	1562.	53.	4.
912	0000	-842	37.6318	80.4932	MG	1.1	2.2	8.0	2.10	0.28	7.62	1580.	54.	4.
913	0000	-841	37.6318	80.4938	MG	1.1	2.3	7.9	2.19	0.30	7.41	1606.	56.	5.
914	0000	-841	37.6318	80.4944	MG	1.1	2.2	8.8 +	2.02	0.26	7.88	1667.	54.	5.
915	0000	-842	37.6318	80.4949	MG	1.1	2.5	9.0 +	2.34	0.28	8.47	1721.	52.	6.
916	0000	-842	37.6318	80.4955	MG	1.1	2.4	9.3 +	2.19	0.26	8.39	1798.	50.	7.
917	0000	-842	37.6318	80.4961	MG	1.1	2.4	9.7 +	2.16	0.25	8.53	1855.	50.	8.
918	0000	-842	37.6317	80.4966	MG	1.2	2.5	9.7 +	2.07	0.25	8.17	1888.	51.	9.

VALUES AND STATISTICAL SIGNIFICANCES

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-842	37.6317	80.4972		MG	1.2	2.3	10.0 ++	1.85	0.23 -	8.15	1908.	51.	9.
920	0000	-840	37.6317	80.4977		MG	1.2 +	2.2	9.5 +	1.74	0.23 -	7.67	1898.	54.	9.
921	0000	-841	37.6317	80.4983		MG	1.2	2.3	8.9 +	1.89	0.25	7.45	1882.	54.	9.
922	0000	-843	37.6317	80.4989		MG	1.2	2.3	8.8 +	1.95	0.27	7.28	1875.	56.	8.
923	0000	-842	37.6317	80.4994		MG	1.1	2.4	8.1	2.14	0.30	7.18	1823.	56.	8.
924	0000	-841	37.6317	80.5000		MG	1.1	2.4	7.9	2.24	0.30	7.40	1806.	52.	8.
925	0000	-841	37.6317	80.5006		MG	1.0	2.6	7.7	2.67	0.34	7.96	1776.	52.	7.
926	0000	-841	37.6317	80.5011		MG	0.9	2.8	7.7	3.08	0.36	8.56	1752.	50.	6.
927	0000	-840	37.6317	80.5017		MG	0.9	2.7	7.9	2.94	0.34	8.70	1725.	49.	6.
928	0000	-840	37.6317	80.5022		MG	0.9	2.6	7.6	2.83	0.34	8.27	1699.	49.	6.
929	0000	-840	37.6317	80.5028		MG	0.9	2.4	7.4	2.65	0.33	7.97	1653.	50.	6.
930	0000	-840	37.6317	80.5034		MG	0.9	2.3	7.5	2.63	0.31	8.42	1642.	50.	6.
931	0000	-840	37.6317	80.5040		MG	1.0	2.3	7.3	2.28	0.31	7.39	1626.	52.	5.
932	0000	-839	37.6317	80.5046		MG	1.1	2.2	7.8	2.10	0.29	7.26	1644.	51.	5.
933	0000	-839	37.6316	80.5051		MG	1.1	2.3	7.7	2.02	0.29	6.89	1661.	53.	5.
934	0000	-839	37.6316	80.5056		MG	1.1	2.4	8.0	2.16	0.30	7.21	1669.	54.	3.
935	0000	-838	37.6316	80.5062		MG	1.1	2.3	7.9	2.14	0.29	7.32	1657.	54.	2.
936	0000	-838	37.6316	80.5068		MG	1.1	2.4	8.4	2.27	0.29	7.87	1674.	51.	2.
937	0000	-838	37.6316	80.5074		MG	1.1	2.5	8.5	2.33	0.30	7.83	1675.	52.	1.
938	0000	-837	37.6315	80.5078		MG	1.0	2.9	8.5	2.84	0.33	8.48	1679.	52.	1.
939	0000	-835	37.6315	80.5084		MG	1.0	2.7	8.3	2.77	0.32	8.56	1668.	53.	1.
940	0000	-836	37.6315	80.5090		MG	1.0	2.7	8.4	2.79	0.32	8.69	1656.	52.	1.
941	0000	-837	37.6315	80.5096		MG	1.0	2.6	8.6	2.66	0.31	8.64	1674.	49.	1.
942	0000	-836	37.6315	80.5102		MG	1.0	2.7	8.7 +	2.77	0.31	8.89	1671.	50.	2.
943	0000	-835	37.6315	80.5107		MG	1.0	2.5	8.6	2.46	0.30	8.27	1682.	50.	2.
944	0000	-835	37.6315	80.5113		MG	1.1	2.4	8.6	2.28	0.28	8.01	1678.	50.	2.
945	0000	-836	37.6315	80.5118		MG	1.1	2.1	8.9 +	1.94	0.24	8.16	1660.	49.	2.
946	0000	-835	37.6315	80.5124		MG	1.1	2.1	8.7 +	1.91	0.24	8.06	1636.	50.	3.
947	0000	-834	37.6315	80.5130		MG	1.0	1.9	8.5	1.83	0.22 -	8.42	1598.	49.	4.
948	0000	-836	37.6315	80.5135		MG	1.0	2.0	8.1	2.02	0.25	8.21	1577.	49.	4.
949	0000	-837	37.6315	80.5141		MG	1.0	2.0	8.0	2.05	0.24	8.38	1558.	48.	5.
950	0000	-837	37.6315	80.5147		MG	0.9	1.8	7.9	1.91	0.23 -	8.45	1500.	49.	5.
951	0000	-838	37.6315	80.5153		MG	0.8	1.7 -	8.0	2.06	0.21 -	9.60	1467.	51.	5.
952	0000	-838	37.6315	80.5159		MG	0.8	1.8	7.9	2.25	0.22 -	10.04	1457.	52.	5.
953	0000	-837	37.6315	80.5165		MG	0.7	1.8	7.9	2.42	0.23 -	10.63 +	1452.	52.	4.
954	0000	-836	37.6315	80.5170		MG	0.7	2.1	7.9	2.96	0.26	11.22 +	1468.	54.	3.
955	0000	-835	37.6315	80.5176		MG	0.6 -	2.2	7.9	3.53	0.28	12.72 +	1458.	57.	2.
956	0000	-835	37.6315	80.5182		MG	0.6 -	2.3	8.1	3.61	0.28	12.92 +	1472.	57.	1.
957	0000	-835	37.6314	80.5188		MG	0.6 -	2.5	8.3	4.17 +	0.31	13.60 ++	1518.	57.	0.
958	0000	-834	37.6314	80.5194		MG	0.7 -	2.8	8.4	4.30 +	0.33	12.88 +	1558.	54.	0.
959	0000	-833	37.6314	80.5199		MG	0.6 -	2.8	8.2	4.42 +	0.34	12.83 +	1579.	53.	0.
960	0000	-835	37.6314	80.5205		MG	0.6 -	3.0 +	8.1	4.59 +	0.37	12.49 +	1579.	54.	0.
961	0000	-836	37.6314	80.5211		MG	0.7	2.8	7.9	3.70	0.35	10.60 +	1576.	53.	0.
962	0000	-836	37.6314	80.5217		MG	0.8	2.7	8.2	3.46	0.33	10.44 +	1582.	52.	0.
963	0000	-836	37.6314	80.5223		MG	0.8	2.8	8.0	3.49	0.35	10.03	1595.	52.	0.
964	0000	-836	37.6314	80.5229		MG	0.8	2.8	7.6	3.57	0.36	9.84	1580.	52.	1.
965	0000	-835	37.6314	80.5235		MG	0.8	2.8	7.5	3.61	0.37	9.68	1574.	55.	1.
966	0000	-835	37.6314	80.5241		MG	0.8	2.9	7.8	3.48	0.37	9.42	1596.	55.	1.
967	0000	-835	37.6314	80.5246		MG	0.9	2.8	8.2	3.16	0.35	9.13	1634.	56.	0.
968	0000	-836	37.6314	80.5252		MG	0.9	3.1 +	8.5	3.55	0.36	9.75	1673.	54.	0.
969	0000	-836	37.6314	80.5258		MG	0.9	3.0 +	8.4	3.26	0.36	9.19	1708.	53.	1.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-834	37.6314	80.5264	MG	1.0	3.0 +	8.5	3.15	0.36	8.79	1751.	52.	1.
971	0000	-834	37.6314	80.5269	MG	1.0	3.0 +	8.8 +	2.99	0.34	8.69	1788.	51.	2.
972	0000	-835	37.6314	80.5275	MG	1.0	2.9	8.8 +	2.80	0.33	8.54	1787.	53.	3.
973	0000	-834	37.6313	80.5281	MG	1.1	2.8	8.7 +	2.59	0.32	8.14	1763.	54.	4.
974	0000	-834	37.6313	80.5287	MG	1.0	2.7	8.6 +	2.68	0.31	8.56	1742.	54.	5.
975	0000	-833	37.6313	80.5293	MG	1.0	2.5	8.6 +	2.56	0.29	8.82	1721.	53.	6.
976	0000	-833	37.6313	80.5299	MG	0.9	2.4	8.7 +	2.64	0.28	9.39	1704.	53.	7.
977	0000	-833	37.6313	80.5305	MG	0.9	2.2	8.6 +	2.40	0.26	9.31	1682.	56.	7.
978	0000	-832	37.6313	80.5311	MG	0.9	2.4	8.4	2.61	0.28	9.32	1671.	57.	7.
979	0000	-832	37.6314	80.5316	MG	1.0	2.2	8.3	2.34	0.27	8.64	1704.	53.	7.
980	0000	-832	37.6314	80.5322	MG	0.9	2.4	7.9	2.59	0.30	8.56	1705.	55.	7.
981	0000	-832	37.6313	80.5328	MG	1.0	2.3	7.8	2.28	0.29	7.82	1738.	52.	8.
982	0000	-832	37.6313	80.5334	MG	1.1	2.1	7.9	1.93	0.26	7.30	1766.	51.	7.
983	0000	-834	37.6313	80.5340	MG	1.2	2.3	7.7	1.98	0.30	6.63	1777.	53.	7.
984	0000	-834	37.6313	80.5345	MG	1.2	2.3	7.8	1.99	0.30	6.69	1784.	51.	7.
985	0000	-833	37.6313	80.5351	MG	1.2	2.2	7.7	1.84	0.29	6.41	1795.	53.	7.
986	0000	-834	37.6313	80.5357	MG	1.2	2.4	7.8	2.06	0.31	6.67	1806.	55.	7.
987	0000	-834	37.6313	80.5363	MG	1.2	2.3	8.0	1.89	0.28	6.67	1826.	55.	8.
988	0000	-833	37.6313	80.5368	MG	1.2	2.3	8.2	1.97	0.29	6.90	1833.	57.	7.
989	0000	-833	37.6313	80.5374	MG	1.2	2.7	7.8	2.34	0.35	6.71	1832.	59.	7.
990	0000	-833	37.6313	80.5381	MG	1.1	2.7	8.3	2.35	0.33	7.20	1864.	56.	6.
991	0000	-832	37.6313	80.5387	MG	1.2	2.9	8.5	2.47	0.35	7.14	1902.	55.	5.
992	0000	-831	37.6313	80.5392	MG	1.2	3.1 +	8.2	2.60	0.38	6.85	1898.	55.	4.
993	0000	-832	37.6313	80.5398	MG	1.2	3.0 +	8.0	2.48	0.38	6.60	1876.	55.	3.
994	0000	-832	37.6313	80.5404	MG	1.2	3.0 +	8.0	2.52	0.38	6.63	1853.	53.	3.
995	0000	-832	37.6313	80.5410	MG	1.2	3.2 +	7.7	2.76	0.41	6.70	1812.	55.	2.
996	0000	-832	37.6313	80.5415	MG	1.1	3.0 +	7.8	2.63	0.38	6.87	1777.	55.	3.
997	0000	-832	37.6312	80.5421	MG	1.1	2.8	7.0	2.52	0.41	6.21	1740.	57.	5.
998	0000	-830	37.6312	80.5427	MG	1.1	2.6	6.6	2.33	0.40	5.86 -	1693.	59.	6.
999	0000	-830	37.6312	80.5432	MG	1.1	2.3	7.0	2.00	0.32	6.20	1695.	57.	7.
1000	0000	-831	37.6312	80.5439	MG	1.2	2.0	7.4	1.70	0.27	6.19	1723.	56.	8.
1001	0000	-830	37.6312	80.5444	MG	1.2	1.9	7.4	1.62	0.26	6.14 -	1729.	58.	9.
1002	0000	-830	37.6312	80.5450	MG	1.2	1.8	7.5	1.52 -	0.24	6.46	1719.	56.	10.
1003	0000	-831	37.6312	80.5456	MG	1.2	1.6 -	7.5	1.34 -	0.21 -	6.35	1695.	58.	9.
1004	0000	-830	37.6312	80.5462	MG	1.1	1.5 -	7.8	1.33 -	0.19 -	7.03	1640.	57.	9.
1005	0000	-830	37.6312	80.5468	MG	1.0	1.5 -	7.7	1.49 -	0.20 -	7.51	1584.	56.	8.
1006	0000	-830	37.6312	80.5474	MG	0.9	1.8	7.5	1.91	0.24	8.09	1507.	56.	6.
1007	0000	-828	37.6312	80.5480	MG	0.8	1.9	6.9	2.42	0.28	8.74	1422.	55.	6.
1008	0000	-827	37.6312	80.5486	MG	0.7	2.0	6.6	2.85	0.31	9.30	1371.	52.	5.
1009	0000	-829	37.6312	80.5491	MG	0.7	1.9	6.3	2.65	0.30	8.70	1333.	52.	6.
1010	0000	-830	37.6312	80.5497	MG	0.7 -	2.0	6.4	3.08	0.32	9.76	1330.	49.	6.
1011	0000	-829	37.6312	80.5502	MG	0.7 -	1.9	6.4	2.90	0.30	9.71	1337.	51.	7.
1012	0000	-828	37.6312	80.5509	MG	0.7 -	1.8	6.5	2.70	0.27	9.85	1360.	52.	8.
1013	0000	-829	37.6312	80.5514	MG	0.8	1.6 -	6.7	2.19	0.25	8.90	1404.	52.	10.
1014	0000	-829	37.6312	80.5520	MG	0.8	1.8	6.7	2.27	0.27	8.50	1458.	54.	10.
1015	0000	-828	37.6312	80.5526	MG	0.9	1.6 -	7.3	1.79	0.21 -	8.36	1508.	55.	11.
1016	0000	-829	37.6312	80.5531	MG	1.0	1.6 -	7.5	1.70	0.22 -	7.86	1582.	54.	11.
1017	0000	-831	37.6312	80.5537	MG	1.1	1.6 -	7.6	1.49 -	0.22 -	6.87	1643.	55.	12.
1018	0000	-829	37.6312	80.5544	MG	1.2	1.7	7.3	1.42 -	0.24	5.96 -	1690.	55.	13.
1019	0000	-828	37.6312	80.5549	MG	1.3 +	1.5 -	7.4	1.10 -	0.20 -	5.54 -	1717.	55.	13.
1020	0000	-829	37.6312	80.5555	MG	1.4 +	1.5 -	7.4	1.06 -	0.20 -	5.39 -	1732.	56.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-829	37.6311	80.5562		MG	1.4 +	1.3 -	7.2	0.93 --	0.18 -	5.08 -	1719.	58.	14.
1022	0000	-828	37.6311	80.5567		MG	1.4 +	1.3 -	7.3	0.92 --	0.18 -	5.07 -	1735.	58.	13.
1023	0000	-828	37.6311	80.5573		MG	1.5 +	1.3 -	7.4	0.89 --	0.18 -	4.96 -	1733.	60.	11.
1024	0000	-829	37.6311	80.5578		MG	1.5 +	1.3 -	7.6	0.89 --	0.17 --	5.12 -	1718.	61.	9.
1025	0000	-828	37.6311	80.5584		MG	1.4 +	1.2 -	7.9	0.86 --	0.16 --	5.50 -	1722.	60.	7.
1026	0000	-827	37.6311	80.5590		MG	1.4 +	1.6 -	7.9	1.13 -	0.20 -	5.70 -	1729.	60.	5.
1027	0000	-826	37.6311	80.5596		MG	1.4 +	1.6 -	7.8	1.11 -	0.20 -	5.49 -	1744.	59.	3.
1028	0000	-824	37.6311	80.5602		MBF-2	1.5 +	1.7	8.4	1.18 -	0.21	5.72 -	1781.	57.	2.
1029	0000	-823	37.6311	80.5607		MBF-2	1.5 +	1.8	8.1	1.19 -	0.23	5.30 -	1793.	58.	1.
1030	0000	-823	37.6311	80.5613		MBF-2	1.5 +	2.0	8.0	1.34	0.25	5.42 -	1800.	59.	1.
1031	0000	-822	37.6311	80.5619		MBF-2	1.5 +	2.1	7.5	1.39	0.28	5.05 -	1775.	62.	1.
1032	0000	-823	37.6311	80.5625		MBF-2	1.5 +	2.1	7.5	1.40	0.28	4.92 --	1757.	62.	1.
1033	0000	-825	37.6311	80.5631		MBF-2	1.5 +	1.9	7.4	1.25 -	0.26	4.86 --	1727.	65.	2.
1034	0000	-824	37.6311	80.5637		MBF-2	1.5 +	2.0	7.6	1.38	0.26	5.26 -	1711.	63.	3.
1035	0000	-822	37.6311	80.5643		MBF-2	1.4 +	1.9	7.4	1.36	0.26	5.28 -	1676.	62.	4.
1036	0000	-821	37.6311	80.5648		MBF-2	1.3	1.8	7.7	1.38	0.24	5.83	1661.	62.	5.
1037	0000	-821	37.6310	80.5654		MBF-2	1.3	1.7	7.7	1.33	0.22	5.97	1643.	60.	5.
1038	0000	-822	37.6310	80.5660		MBF-2	1.3	1.5	8.0	1.19 -	0.19 -	6.42	1648.	59.	6.
1039	0000	-823	37.6310	80.5666		MBF-2	1.3	1.6	7.8	1.24 -	0.20	6.09	1662.	57.	7.
1040	0000	-824	37.6310	80.5672		MBF-2	1.2	1.7	7.6	1.33	0.22	6.10	1670.	55.	7.
1041	0000	-824	37.6310	80.5677		MBF-2	1.3	1.5	7.5	1.16 -	0.20	5.70 -	1672.	57.	7.
1042	0000	-825	37.6310	80.5683		MBF-2	1.3 +	1.5	7.6	1.10 -	0.19 -	5.69 -	1697.	57.	7.
1043	0000	-826	37.6310	80.5689		MBF-2	1.4 +	1.6	7.4	1.09 -	0.21	5.14 -	1726.	55.	6.
1044	0000	-827	37.6310	80.5695		MG	1.5 +	1.5 -	7.6	0.97 --	0.19 -	5.03 -	1768.	54.	6.
1045	0000	-826	37.6310	80.5701		MG	1.6 ++	1.9	7.7	1.16 -	0.24	4.82 -	1815.	54.	5.
1046	0000	-827	37.6310	80.5707		MG	1.6 ++	2.0	8.0	1.24 -	0.24	5.09 -	1830.	54.	4.
1047	0000	-828	37.6311	80.5713		MG	1.6 ++	2.2	8.0	1.38 -	0.27	5.09 -	1848.	54.	4.
1048	0000	-826	37.6311	80.5719		MG	1.5 ++	2.2	8.0	1.45 -	0.28	5.18 -	1847.	56.	3.
1049	0000	-826	37.6311	80.5724		MG	1.5 ++	2.2	8.6	1.43 -	0.26	5.56 -	1832.	56.	3.
1050	0000	-826	37.6311	80.5730		MG	1.5 +	2.1	8.3	1.42 -	0.25	5.64 -	1787.	60.	2.
1051	0000	-826	37.6311	80.5736		MG	1.4 +	2.1	7.8	1.50 -	0.27	5.57 -	1722.	62.	2.
1052	0000	-827	37.6311	80.5742		MG	1.3 +	1.9	7.4	1.45 -	0.26	5.50 -	1675.	63.	2.
1053	0000	-828	37.6311	80.5748		MG	1.3 +	1.7	7.4	1.30 -	0.24	5.50 -	1653.	63.	1.
1054	0000	-827	37.6311	80.5753		MG	1.3 +	1.5 -	7.3	1.17 -	0.21 -	5.60 -	1597.	64.	1.
1055	0000	-827	37.6311	80.5759		MG	1.3 +	1.4 -	7.2	1.13 -	0.20 -	5.65 -	1551.	61.	1.
1056	0000	-826	37.6311	80.5765		MG	1.2	1.4 -	6.6	1.18 -	0.22 -	5.47 -	1507.	61.	1.
1057	0000	-825	37.6311	80.5771		MG	1.2	1.6 -	6.8	1.36 -	0.24	5.70 -	1505.	57.	0.
1058	0000	-824	37.6311	80.5776		MG	1.3 +	1.6 -	6.9	1.27 -	0.23 -	5.52 -	1533.	58.	1.
1059	0000	-823	37.6311	80.5783		MG	1.2	1.5 -	7.3	1.19 -	0.20 -	5.93 -	1545.	55.	3.
1060	0000	-822	37.6311	80.5789		MG	1.2	1.5 -	7.4	1.24 -	0.20 -	6.08 -	1526.	54.	4.
1061	0000	-821	37.6312	80.5795		MG	1.2	1.4 -	7.7	1.13 -	0.18 -	6.30	1539.	52.	6.
1062	0000	-821	37.6312	80.5800		MG	1.2	1.4 -	7.8	1.21 -	0.18 -	6.74	1546.	52.	7.
1063	0000	-821	37.6312	80.5806		MG	1.2	1.3 -	7.1	1.07 -	0.18 -	6.02 -	1532.	53.	9.
1064	0000	-822	37.6312	80.5812		MG	1.2	1.0 --	6.9	0.82 --	0.14 --	5.80 -	1491.	54.	12.
1065	0000	-821	37.6312	80.5818		MG	1.0	1.0 --	7.0	0.93 --	0.14 --	6.83	1436.	53.	12.
1066	0000	-819	37.6312	80.5823		MG	0.9	1.0 --	7.2	1.04 -	0.14 --	7.53	1417.	54.	12.
1067	0000	-820	37.6312	80.5829		MG	1.0	1.0 --	7.3	1.09 -	0.14 --	7.58	1422.	55.	12.
1068	0000	-822	37.6312	80.5835		MG	0.9	1.2 -	6.8	1.28 -	0.18 -	7.31	1445.	55.	12.
1069	0000	-821	37.6312	80.5841		MG	1.0	1.2 -	6.7	1.18 -	0.17 --	6.75	1458.	55.	11.
1070	0000	-820	37.6312	80.5847		MG	1.0	1.3 -	7.2	1.35 -	0.18 -	7.53	1465.	55.	11.
1071	0000	-821	37.6312	80.5852		MG	0.9	1.7 -	7.1	1.90	0.24	8.07	1459.	54.	8.

CP9 1P12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-820	37.6312	80.5859		MG	0.9	1.8	6.5	2.03	0.27	7.43	1442.	54.	8.
1073	0000	-818	37.6312	80.5865		MG	0.9	1.8	5.9 -	2.05	0.31	6.58	1419.	53.	9.
1074	0000	-817	37.6313	80.5870		MG	0.8	2.1	5.7 -	2.57	0.36	7.06	1404.	53.	9.
1075	0000	-817	37.6313	80.5876		MG	0.8	1.9	6.2	2.32	0.31	7.59	1400.	55.	9.
1076	0000	-818	37.6313	80.5882		MG	0.8	1.9	6.0 -	2.46	0.32	7.74	1394.	57.	10.
1077	0000	-817	37.6313	80.5888		MBF-2	0.8 -	2.1	5.8 -	2.67 +	0.36 +	7.46	1387.	58.	10.
1078	0000	-817	37.6313	80.5894		MBF-2	0.8 -	1.9	5.9 -	2.34	0.33	7.12	1398.	59.	11.
1079	0000	-817	37.6313	80.5899		MBF-2	0.9	1.8	6.0 -	2.07	0.30	6.99	1411.	59.	12.
1080	0000	-816	37.6313	80.5905		MBF-2	0.9	1.7	6.0 -	1.98	0.29	6.74	1413.	61.	11.
1081	0000	-815	37.6313	80.5910		MBF-2	1.0	1.5	5.5 -	1.50	0.27	5.66 -	1391.	61.	10.
1082	0000	-816	37.6313	80.5917		MBF-2	1.0	1.7	5.0 -	1.70	0.33	5.15 -	1369.	57.	8.
1083	0000	-814	37.6314	80.5922		MBF-2	1.0	1.7	5.0 -	1.69	0.35 +	4.89 --	1356.	55.	6.
1084	0000	-813	37.6314	80.5928		MBF-2	1.0	1.8	5.0 -	1.72	0.35 +	4.92 --	1358.	56.	5.
1085	0000	-812	37.6314	80.5935		MBF-2	1.0	1.9	4.9 -	1.93	0.39 +	4.98 -	1354.	55.	3.
1086	0000	-811	37.6314	80.5941		MBF-2	1.0	1.9	5.0 -	1.88	0.37 +	5.04 -	1350.	55.	2.
1087	0000	-809	37.6314	80.5946		MBF-2	1.0	1.9	5.5 -	1.95	0.35 +	5.63 -	1342.	54.	1.
1088	0000	-810	37.6314	80.5952		MBF-2	0.9	2.1	5.8 -	2.29	0.36 +	6.35	1361.	53.	0.
1089	0000	-812	37.6314	80.5958		MBF-2	0.9	2.2	6.2	2.44 +	0.35 +	6.98	1363.	57.	0.
1090	0000	-813	37.6314	80.5964		MBF-2	0.8 -	2.4 +	6.2	2.95 +	0.38 +	7.66	1369.	56.	1.
1091	0000	-813	37.6314	80.5969		MG	0.8	2.3	6.5	3.00	0.36	8.41	1377.	53.	1.
1092	0000	-812	37.6314	80.5975		MG	0.8	2.2	6.9	2.69	0.31	8.64	1378.	54.	2.
1093	0000	-811	37.6314	80.5981		MG	0.8	2.3	7.0	2.97	0.33	9.05	1391.	54.	1.
1094	0000	-812	37.6314	80.5987		MG	0.8	2.1	7.0	2.76	0.30	9.05	1389.	54.	2.
1095	0000	-812	37.6315	80.5992		MG	0.8	2.0	6.7	2.60	0.30	8.57	1359.	53.	2.
1096	0000	-811	37.6315	80.5998		MG	0.7	1.9	6.4	2.58	0.30	8.57	1326.	51.	3.
1097	0000	-813	37.6315	80.6004		MG	0.8	1.8	6.3	2.33	0.28	8.23	1314.	51.	3.
1098	0000	-814	37.6315	80.6011		MG	0.8	1.9	6.2	2.27	0.30	7.56	1318.	53.	3.
1099	0000	-814	37.6315	80.6016		MG	0.9	1.8	6.2	2.09	0.29	7.20	1341.	52.	3.
1100	0000	-814	37.6315	80.6022		MG	0.9	1.9	6.2	2.01	0.30	6.60	1390.	53.	4.
1101	0000	-816	37.6315	80.6028		MG	1.0	2.2	6.4	2.16	0.34	6.39	1453.	51.	4.
1102	0000	-814	37.6315	80.6033		MG	1.0	2.2	6.9	2.13	0.31	6.83	1501.	50.	5.
1103	0000	-811	37.6315	80.6040		MG	1.1	2.1	6.7	1.95	0.31	6.19	1554.	49.	6.
1104	0000	-812	37.6315	80.6045		MG	1.2	1.9	7.3	1.62	0.26	6.16 -	1604.	48.	7.
1105	0000	-810	37.6315	80.6051		MG	1.2 +	1.8	7.7	1.40 -	0.23 -	6.14 -	1670.	47.	8.
1106	0000	-808	37.6315	80.6057		MG	1.3 +	2.0	7.2	1.52 -	0.27	5.63 -	1695.	50.	8.
1107	0000	-810	37.6315	80.6062		MG	1.2	1.9	7.1	1.53 -	0.26	5.78 -	1660.	49.	9.
1108	0000	-807	37.6315	80.6068		MG	1.2	1.8	6.8	1.50 -	0.26	5.68 -	1627.	50.	9.
1109	0000	-803	37.6315	80.6074		MG	1.2	1.7	6.5	1.44 -	0.27	5.42 -	1622.	51.	9.
1110	0000	-802	37.6315	80.6080		MG	1.1	1.9	6.8	1.69	0.28	5.99 -	1620.	50.	7.
1111	0000	-800	37.6315	80.6087		MG	1.0	2.1	7.0	2.06	0.30	6.94	1611.	49.	5.
1112	0000	-798	37.6316	80.6092		MG	1.0	2.1	7.5	2.19	0.28	7.70	1576.	50.	4.
1113	0000	-796	37.6316	80.6098		MG	0.9	2.2	8.0	2.58	0.28	9.17	1558.	46.	2.
1114	0000	-795	37.6316	80.6104		MG	0.8	2.3	8.1	2.96	0.29	10.37 +	1562.	48.	2.
1115	0000	-796	37.6316	80.6110		MG	0.8	2.4	8.4	3.16	0.29	11.08 +	1569.	47.	1.
1116	0000	-795	37.6316	80.6115		MG	0.8	2.4	8.6 +	3.23	0.28	11.32 +	1568.	46.	0.
1117	0000	-792	37.6316	80.6121		MG	0.8	2.6	8.2	3.31	0.32	10.44 +	1568.	48.	0.
1118	0000	-793	37.6316	80.6127		MG	0.9	2.7	7.9	3.16	0.34	9.19	1566.	50.	0.
1119	0000	-794	37.6316	80.6132		MG	0.8	3.0 +	7.4	3.55	0.41	8.71	1577.	48.	1.
1120	0000	-795	37.6316	80.6139		MG	0.9	2.9	7.3	3.29	0.40	8.33	1577.	50.	3.
1121	0000	-797	37.6317	80.6144		MG	0.9	2.8	7.1	3.03	0.39	7.80	1568.	49.	5.
1122	0000	-795	37.6317	80.6150		MG	0.9	2.6	6.8	2.76	0.38	7.26	1570.	50.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-794	37.6317	80.6156	MG	1.0	2.6	6.9	2.69	0.37	7.20	1596.	51.	8.
1124	0000	-794	37.6317	80.6162	MG	1.0	2.3	7.3	2.29	0.31	7.33	1625.	52.	11.
1125	0000	-793	37.6317	80.6168	MG	1.0	1.9	7.2	1.92	0.27	7.15	1635.	52.	13.
1126	0000	-794	37.6317	80.6174	MG	1.0	1.6 -	7.0	1.56 -	0.22 -	6.96	1619.	55.	14.
1127	0000	-793	37.6317	80.6179	MG	1.0	1.5 -	7.2	1.40 -	0.20 -	6.94	1628.	56.	15.
1128	0000	-789	37.6317	80.6185	MG	1.1	1.4 -	7.3	1.35 -	0.20 -	6.79	1654.	55.	14.
1129	0000	-788	37.6317	80.6191	MG	1.1	1.6 -	7.2	1.45 -	0.22 -	6.48	1676.	54.	14.
1130	0000	-790	37.6317	80.6197	MG	1.1	1.6 -	7.5	1.46 -	0.22 -	6.77	1680.	54.	13.
1131	0000	-790	37.6317	80.6202	MG	1.1	1.9	7.5	1.69	0.26	6.61	1702.	54.	11.
1132	0000	-788	37.6317	80.6208	MG	1.2	2.0	7.3	1.72	0.28	6.19	1707.	53.	10.
1133	0000	-786	37.6318	80.6214	MG	1.2	2.2	7.3	1.82	0.30	6.04 -	1715.	52.	9.
1134	0000	-787	37.6318	80.6220	MG	1.2	2.3	6.9	1.98	0.34	5.86 -	1701.	50.	8.
1135	0000	-788	37.6318	80.6226	MG	1.2	2.4	6.6	2.07	0.36	5.71 -	1681.	49.	8.
1136	0000	-787	37.6318	80.6231	MG	1.1	2.4	6.5	2.10	0.36	5.83 -	1665.	51.	8.
1137	0000	-786	37.6318	80.6238	MG	1.1	2.3	6.2	2.00	0.37	5.38 -	1655.	53.	9.
1138	0000	-786	37.6318	80.6244	MG	1.1	2.0	6.2	1.79	0.33	5.48 -	1654.	51.	10.
1139	0000	-783	37.6318	80.6249	MG	1.1	2.0	6.6	1.83	0.30	6.04 -	1676.	51.	11.
1140	0000	-783	37.6318	80.6255	MG	1.1	1.9	6.8	1.68	0.27	6.19	1699.	51.	11.
1141	0000	-785	37.6318	80.6261	MG	1.2	1.8	7.2	1.52 -	0.24	6.29	1726.	53.	12.
1142	0000	-784	37.6318	80.6267	MG	1.2	1.9	7.8	1.59	0.25	6.42	1783.	51.	11.
1143	0000	-782	37.6318	80.6273	MG	1.2 +	1.9	8.2	1.55 -	0.24	6.55	1807.	50.	11.
1144	0000	-781	37.6318	80.6278	MG	1.2	2.1	8.2	1.71	0.26	6.69	1838.	51.	11.
1145	0000	-781	37.6319	80.6284	MG	1.2	2.2	8.1	1.77	0.27	6.57	1826.	51.	10.
1146	0000	-782	37.6319	80.6290	MG	1.2	2.3	7.9	1.85	0.28	6.52	1798.	50.	9.
1147	0000	-783	37.6319	80.6296	MG	1.2	2.4	8.1	2.00	0.30	6.74	1775.	49.	7.
1148	0000	-783	37.6319	80.6301	MG	1.2	2.6	7.8	2.17	0.33	6.52	1775.	48.	6.
1149	0000	-781	37.6319	80.6307	MG	1.2	2.5	7.6	2.05	0.33	6.27	1770.	51.	5.
1150	0000	-778	37.6319	80.6314	MG	1.2	2.7	7.6	2.18	0.35	6.26	1773.	50.	4.
1151	0000	-778	37.6319	80.6319	MG	1.3 +	2.6	7.9	2.04	0.33	6.19	1814.	47.	3.
1152	0000	-778	37.6319	80.6325	MG	1.4 +	2.4	7.9	1.79	0.31	5.80 -	1832.	48.	4.
1153	0000	-780	37.6319	80.6331	MG	1.4 +	2.7	8.3	1.91	0.33	5.81 -	1896.	48.	3.
1154	0000	-781	37.6319	80.6337	MG	1.5 +	2.7	8.0	1.84	0.34	5.37 -	1955.	49.	4.
1155	0000	-781	37.6319	80.6343	MG	1.5 ++	2.7	8.8 +	1.75	0.31	5.67 -	2010.	50.	5.
1156	0000	-780	37.6319	80.6348	MG	1.6 ++	2.6	9.0 +	1.61	0.28	5.69 -	2057.	50.	7.
1157	0000	-780	37.6319	80.6354	MG	1.6 ++	2.4	9.1 +	1.45 -	0.26	5.59 -	2078.	52.	9.
1158	0000	-781	37.6319	80.6360	MG	1.6 ++	2.4	8.8 +	1.48 -	0.27	5.50 -	2066.	50.	11.
1159	0000	-781	37.6320	80.6366	MG	1.5 +	2.7	9.0 +	1.78	0.30	5.95 -	2089.	50.	12.
1160	0000	-779	37.6320	80.6372	MG	1.5 +	2.4	9.1 +	1.60	0.26	6.10 -	2070.	52.	14.
1161	0000	-777	37.6320	80.6377	MG	1.4 +	2.1	8.9 +	1.45 -	0.23 -	5.27	2012.	53.	14.
1162	0000	-776	37.6320	80.6383	MG	1.3 +	2.0	8.3	1.48 -	0.24	6.14 -	1951.	51.	14.
1163	0000	-777	37.6320	80.6390	MBF-2	1.2	1.9	7.8	1.59	0.25	6.37	1868.	51.	14.
1164	0000	-778	37.6320	80.6395	MBF-2	1.2	1.9	7.6	1.61	0.25	6.34	1830.	47.	14.
1165	0000	-777	37.6320	80.6401	MBF-2	1.2	1.8	7.5	1.47	0.23	6.30	1781.	50.	14.
1166	0000	-775	37.6320	80.6407	MBF-2	1.2	1.5	7.3	1.23 -	0.20	6.16	1725.	51.	13.
1167	0000	-775	37.6320	80.6413	MBF-2	1.2	1.5	6.6	1.21 -	0.22	5.51 -	1681.	51.	13.
1168	0000	-776	37.6320	80.6419	MBF-2	1.2	1.5	6.5	1.23 -	0.23	5.42 -	1673.	53.	14.
1169	0000	-776	37.6320	80.6424	MBF-2	1.2	1.4 -	6.3	1.13 -	0.22	5.02 -	1665.	55.	15.
1170	0000	-780	37.6320	80.6430	MBF-2	1.3	1.3 -	6.2	1.03 -	0.21	4.79 --	1658.	53.	15.
1171	0000	-781	37.6320	80.6436	MBF-2	1.3	1.2 -	6.1	0.93 -	0.20	4.77 --	1624.	54.	15.
1172	0000	-781	37.6320	80.6442	MBF-2	1.2	1.2 -	5.8 -	0.99 -	0.21	4.66 --	1567.	53.	14.
1173	0000	-780	37.6320	80.6447	MBF-2	1.2	1.1 -	5.4 -	0.90 --	0.20	4.52 --	1503.	55.	13.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-777	37.6320	80.6453	MBF-2	1.1	1.2 -	5.1 -	1.13 -	0.24	4.67 --	1428.	54.	12.
1175	0000	-780	37.6320	80.6459	MBF-2	1.0	1.4 -	4.9 -	1.34	0.28	4.74 --	1351.	50.	10.
1176	0000	-782	37.6320	80.6465	MBF-2	0.9	1.3 -	5.0 -	1.37	0.26	5.32 -	1266.	51.	8.
1177	0000	-780	37.6321	80.6471	MBF-2	0.9	1.3 -	4.7 --	1.56	0.28	5.49 -	1187.	54.	6.
1178	0000	-780	37.6321	80.6477	MBF-2	0.8 -	1.5	4.6 --	1.94	0.33	5.80 -	1125.	55.	4.
1179	0000	-779	37.6321	80.6483	MBF-2	0.7 -	1.4	4.6 --	1.93	0.31	6.14	1094.	52.	4.
1180	0000	-778	37.6321	80.6489	MBF-2	0.7 -	1.5	4.6 --	2.13	0.33	6.46	1086.	52.	3.
1181	0000	-778	37.6321	80.6494	MBF-2	0.8 -	1.3 -	4.9 -	1.67	0.26	6.35	1118.	52.	4.
1182	0000	-776	37.6321	80.6500	MBF-2	0.8	1.3 -	5.3 -	1.51	0.24	6.28	1174.	54.	4.
1183	0000	-773	37.6321	80.6506	MBF-2	0.9	1.2 -	5.3 -	1.33	0.23	5.82	1235.	56.	6.
1184	0000	-777	37.6322	80.6512	MBF-2	1.0	1.3 -	5.9 -	1.32	0.23	5.84	1330.	56.	6.
1185	0000	-782	37.6322	80.6518	MBF-2	1.1	1.2 -	6.4	1.13 -	0.19 -	6.02	1410.	59.	7.
1186	0000	-781	37.6322	80.6523	MBF-2	1.1	1.4 -	6.7	1.19 -	0.20	5.84	1497.	63.	7.
1187	0000	-780	37.6322	80.6529	MBF-2	1.3	1.5	6.7	1.21 -	0.23	5.23 -	1594.	61.	8.
1188	0000	-777	37.6322	80.6535	MBF-2	1.4 +	1.8	7.2	1.33	0.25	5.32 -	1677.	60.	7.
1189	0000	-776	37.6322	80.6541	MBF-2	1.5 +	1.9	7.7	1.30	0.25	5.31 -	1783.	59.	7.
1190	0000	-781	37.6322	80.6547	MBF-2	1.5 +	2.1	8.5	1.43	0.25	5.74 -	1863.	55.	6.
1191	0000	-782	37.6322	80.6553	MBF-2	1.6 +	2.1	8.5	1.36	0.25	5.43 -	1930.	55.	6.
1192	0000	-777	37.6322	80.6559	MBF-2	1.7 ++	2.4	9.0 +	1.43	0.26	5.42 -	2018.	53.	6.
1193	0000	-780	37.6322	80.6565	MBF-2	1.7 ++	2.4	9.4 +	1.41	0.26	5.53 -	2075.	51.	7.
1194	0000	-782	37.6322	80.6570	MBF-2	1.7 ++	2.4 +	9.9 +	1.42	0.25	5.79 -	2087.	52.	7.
1195	0000	-780	37.6322	80.6576	MBF-2	1.7 ++	2.3	9.8 +	1.36	0.23	5.83	2095.	50.	9.
1196	0000	-782	37.6322	80.6582	MBF-2	1.7 ++	2.3	9.6 +	1.40	0.24	5.80 -	2061.	51.	10.
1197	0000	-779	37.6323	80.6588	MBF-2	1.7 ++	2.2	9.3 +	1.33	0.24	5.55 -	2074.	50.	10.
1198	0000	-775	37.6323	80.6593	MBF-2	1.6 ++	2.1	9.7 +	1.32	0.22	6.01	2055.	48.	10.
1199	0000	-778	37.6323	80.6599	MBF-2	1.6 +	2.1	9.5 +	1.36	0.22	6.05	2039.	49.	9.
1200	0000	-778	37.6323	80.6605	MBF-2	1.6 ++	2.2	9.7 +	1.36	0.23	6.02	2039.	51.	8.
1201	0000	-777	37.6323	80.6611	MBF-2	1.6 ++	2.2	10.0 ++	1.37	0.22	6.30	2095.	50.	7.
1202	0000	-780	37.6323	80.6617	MBF-2	1.7 ++	2.1	10.4 ++	1.27 -	0.20	6.24	2155.	53.	6.
1203	0000	-779	37.6323	80.6623	MBF-2	1.7 ++	2.2	10.9 ++	1.33	0.20	6.51	2226.	54.	6.
1204	0000	-778	37.6323	80.6629	MBF-2	1.7 ++	2.2	11.1 ++	1.34	0.20	6.60	2245.	54.	6.
1205	0000	-782	37.6323	80.6635	MBF-2	1.7 ++	2.5 +	10.7 ++	1.50	0.23	6.49	2227.	53.	5.
1206	0000	-782	37.6324	80.6640	MBF-2	1.7 ++	2.5 +	10.2 ++	1.47	0.24	6.07	2191.	52.	6.
1207	0000	-779	37.6324	80.6646	MBF-2	1.6 ++	2.5 +	9.8 +	1.51	0.25	5.97	2156.	54.	5.
1208	0000	-780	37.6324	80.6652	MBF-2	1.6 ++	2.3	9.3 +	1.43	0.25	5.76 -	2095.	54.	6.
1209	0000	-780	37.6324	80.6657	MBF-2	1.5 +	2.3	8.8 +	1.51	0.27	5.70 -	2021.	53.	7.
1210	0000	-781	37.6324	80.6664	MBF-2	1.5 +	2.2	8.6	1.46	0.25	5.77 -	1935.	53.	7.
1211	0000	-783	37.6324	80.6669	MBF-2	1.4 +	2.3	8.7 +	1.62	0.26	6.21	1887.	54.	7.
1212	0000	-783	37.6324	80.6675	MBF-2	1.5 +	2.1	8.6	1.38	0.24	5.63 -	1931.	57.	7.
1213	0000	-782	37.6324	80.6680	MBF-2	1.5 +	1.8	9.0 +	1.19 -	0.20	5.98	1946.	55.	8.
1214	0000	-782	37.6324	80.6687	MBF-2	1.5 +	1.6	8.8 +	1.06 -	0.18 -	6.00	1917.	52.	9.
1215	0000	-781	37.6324	80.6693	MBF-2	1.4 +	1.5	8.9 +	1.06 -	0.17 -	6.13	1874.	52.	8.
1216	0000	-780	37.6324	80.6699	MBF-2	1.4 +	1.6	8.8 +	1.13 -	0.18 -	6.29	1846.	51.	8.
1217	0000	-781	37.6324	80.6704	MBF-2	1.3 +	1.8	8.3	1.36	0.22	6.16	1801.	51.	7.
1218	0000	-780	37.6324	80.6711	MBF-2	1.3 +	1.6	7.3	1.21 -	0.22	5.45 -	1743.	52.	7.
1219	0000	-780	37.6324	80.6717	MBF-2	1.2	1.6	7.1	1.36	0.22	6.09	1634.	51.	6.
1220	0000	-785	37.6324	80.6723	MBF-2	1.1	1.7	6.6	1.58	0.26	5.98	1560.	52.	6.
1221	0000	-784	37.6324	80.6729	MBF-2	1.1	1.9	6.7	1.75	0.28	6.26	1555.	50.	4.
1222	0000	-778	37.6323	80.6736	MBF-2	1.1	2.0	6.7	1.90	0.30	6.35	1561.	50.	4.
1223	0000	-778	37.6323	80.6741	MBF-2	1.0	2.1	6.8	2.06	0.31	6.63	1564.	49.	2.
1224	0000	-782	37.6323	80.6748	MBF-2	1.1	1.9	6.8	1.80	0.28	6.37	1580.	51.	2.

CP 9 IP 12

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-784	37.6323	80.6754	MBF-2	1.1	2.1	7.6	1.94	0.27	7.11	1612.	51.	1.
1226	0000	-783	37.6323	80.6760	MBF-2	1.1	2.3	7.7	2.13	0.30	7.02	1649.	50.	0.
1227	0000	-781	37.6323	80.6766	MBF-2	1.1	2.6 +	8.0	2.44 +	0.33	7.44	1664.	51.	0.
1228	0000	-782	37.6323	80.6772	MBF-2	1.1	2.5 +	8.1	2.35	0.31	7.68	1649.	53.	2.
1229	0000	-781	37.6323	80.6778	MBF-2	1.0	2.5 +	8.4	2.58 +	0.30	8.47 +	1623.	56.	2.
1230	0000	-781	37.6323	80.6785	MBF-2	0.9	2.4 +	8.2	2.63 +	0.30	8.89 +	1581.	59.	3.
1231	0000	-786	37.6323	80.6790	MBF-2	0.8	2.5 +	8.3	2.92 +	0.30	9.80 ++	1551.	56.	5.
1232	0000	-787	37.6323	80.6797	MBF-2	0.8 -	2.5 +	7.6	3.18 +	0.33	9.54 ++	1510.	55.	6.
1233	0000	-781	37.6323	80.6803	MBF-2	0.7 -	2.5 +	7.5	3.64 ++	0.33	10.92 ++	1451.	55.	6.
1234	0000	-781	37.6323	80.6809	MBF-1	0.6 +	2.3 +	7.2 ++	3.84	0.32	12.15	1391.	55.	7.
1235	0000	-784	37.6322	80.6815	MBF-1	0.5	2.5 +	6.8 ++	4.92	0.37	13.37	1331.	54.	6.
1236	0000	-781	37.6322	80.6822	MBF-1	0.4	2.7 ++	6.4 +	6.14 +	0.42	14.72 +	1283.	53.	6.
1237	0000	-783	37.6322	80.6827	MBF-1	0.4	2.6 ++	6.2 +	6.36 +	0.43	14.91 +	1246.	52.	5.
1238	0000	-789	37.6322	80.6834	MBF-1	0.3	2.7 ++	5.7 +	7.81 +	0.48 +	16.34 +	1198.	54.	4.
1239	0000	-786	37.6322	80.6840	MBF-1	0.3 -	2.8 ++	5.5 +	9.71 ++	0.50 +	19.44 ++	1162.	54.	4.
1240	0000	-784	37.6322	80.6846	MBF-1	0.3	2.6 ++	5.9 +	8.61 ++	0.45	19.22 ++	1165.	55.	3.
1241	0000	-786	37.6322	80.6852	MBF-1	0.4	2.7 ++	5.8 +	7.31 +	0.46	15.85 +	1197.	54.	3.
1242	0000	-784	37.6322	80.6859	MBF-1	0.4	2.6 ++	6.0 +	6.07 +	0.43	14.14 +	1241.	53.	4.
1243	0000	-785	37.6322	80.6864	MBF-1	0.5	2.4 +	6.2 +	4.91	0.40	12.39	1301.	53.	4.
1244	0000	-788	37.6322	80.6871	MBF-1	0.6 +	2.5 +	6.2 +	4.35	0.40	10.81	1380.	52.	4.
1245	0000	-787	37.6322	80.6877	MBF-2	0.7 -	2.7 +	5.7	4.02 ++	0.40 +	10.04 ++	1466.	52.	4.
1246	0000	-789	37.6322	80.6883	MBF-2	0.8	2.4 +	7.3	2.90 +	0.33 +	8.72 +	1569.	53.	6.
1247	0000	-789	37.6322	80.6889	MBF-2	0.9	2.7 +	8.0	2.88 +	0.34 +	8.56 +	1679.	52.	6.
1248	0000	-784	37.6322	80.6895	MBF-2	1.0	2.9 ++	8.9 +	2.87 +	0.33	8.71 +	1781.	50.	6.
1249	0000	-784	37.6322	80.6901	MBF-2	1.1	2.9 ++	8.9 +	2.71 +	0.33	8.26 +	1819.	54.	6.
1250	0000	-788	37.6322	80.6907	MBF-2	1.1	3.0 ++	8.4	2.65 +	0.36 +	7.34	1821.	53.	7.
1251	0000	-785	37.6322	80.6913	MBF-2	1.1	3.1 ++	8.5	2.86 +	0.37 +	7.80	1799.	54.	7.
1252	0000	-784	37.6322	80.6919	MBF-2	1.1	2.7 +	8.4	2.48 +	0.32	7.81	1757.	54.	8.
1253	0000	-788	37.6322	80.6926	MBF-2	1.0	2.6 +	8.3	2.67 +	0.32	8.31 +	1679.	54.	8.
1254	0000	-792	37.6321	80.6931	MBF-2	1.0	2.2	7.3	2.33	0.30	7.65	1580.	54.	9.
1255	0000	-791	37.6321	80.6938	MBF-2	0.9	1.8	6.6	2.13	0.28	7.66	1466.	55.	9.
1256	0000	-786	37.6321	80.6944	MBF-2	0.8 -	1.9	6.4	2.32	0.29	8.03	1406.	52.	9.
1257	0000	-784	37.6321	80.6950	MBF-2	0.8 -	1.7	6.9	2.15	0.24	8.81 +	1391.	52.	9.
1258	0000	-785	37.6321	80.6956	MBF-2	0.8	1.4	6.8	1.74	0.21	8.23 +	1404.	51.	11.
1259	0000	-785	37.6321	80.6962	MBF-2	1.0	1.5	7.0	1.57	0.21	7.30	1470.	49.	11.
1260	0000	-787	37.6321	80.6969	MBF-2	1.0	1.7	7.4	1.63	0.22	7.28	1575.	49.	11.
1261	0000	-791	37.6320	80.6974	MBF-2	1.1	1.7	7.8	1.61	0.22	7.20	1650.	50.	12.
1262	0000	-789	37.6320	80.6980	MBF-2	1.2	1.9	8.0	1.63	0.24	6.70	1748.	53.	13.
1263	0000	-791	37.6320	80.6987	MBF-2	1.3	2.0	8.7 +	1.54	0.23	6.70	1859.	53.	14.
1264	0000	-798	37.6320	80.6993	MBF-2	1.4 +	1.9	9.1 +	1.41	0.21	6.65	1927.	53.	14.
1265	0000	-798	37.6320	80.6999	MBF-2	1.3 +	2.4 +	8.9 +	1.79	0.27	6.63	1966.	55.	13.
1266	0000	-791	37.6320	80.7005	MBF-2	1.3	2.3	9.0 +	1.77	0.25	7.00	1949.	56.	13.
1267	0000	-788	37.6320	80.7012	MBF-2	1.3	2.3	8.7 +	1.86	0.27	6.91	1883.	55.	11.
1268	0000	-791	37.6320	80.7017	MBF-2	1.2	2.3	8.2	1.94	0.28	6.92	1805.	51.	10.
1269	0000	-789	37.6320	80.7024	MBF-2	1.1	2.1	7.8	2.02	0.27	7.35	1697.	48.	9.
1270	0000	-787	37.6320	80.7030	MBF-2	0.9	2.1	7.1	2.28	0.29	7.83	1574.	47.	8.
1271	0000	-794	37.6320	80.7036	MBF-2	0.8 -	1.9	6.6	2.37	0.28	8.42 +	1460.	45.	8.
1272	0000	-794	37.6320	80.7042	MBF-2	0.7 -	1.7	5.3	2.35	0.27	8.78 +	1365.	43.	8.
1273	0000	-789	37.6320	80.7048	MBF-1	0.6 +	1.9	5.9 +	3.24	0.33	9.95	1281.	45.	7.
1274	0000	-785	37.6320	80.7054	MBF-1	0.5	1.9	5.5	3.74	0.35	10.66	1215.	46.	8.
1275	0000	-785	37.6320	80.7061	MBF-1	0.5 +	1.7	5.8 +	3.27	0.30	10.99	1194.	47.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-792	37.6320	80.7066	MBF-1	0.5 +	1.7	5.6 +	3.22	0.31	10.36	1205.	48.	9.
1277	0000	-792	37.6320	80.7073	MBF-1	0.6 +	2.0	5.7 +	3.53	0.35	10.18	1228.	47.	8.
1278	0000	-783	37.6320	80.7079	MBF-1	0.6 +	2.3 +	5.3	3.84	0.43	8.87	1241.	50.	8.
1279	0000	-784	37.6320	80.7085	MBF-1	0.6 +	2.1 +	5.3	3.56	0.40	8.88	1252.	51.	9.
1280	0000	-791	37.6319	80.7091	MBF-2	0.6 -	2.2	5.1 -	3.49 ++	0.42 ++	8.25 +	1261.	48.	9.
1281	0000	-795	37.6319	80.7097	MBF-2	0.6 -	2.2	5.1 -	3.48 ++	0.44 ++	7.98	1273.	49.	9.
1282	0000	-792	37.6319	80.7104	MBF-1	0.6 +	2.3 +	4.9	3.98	0.47	8.49	1290.	51.	9.
1283	0000	-788	37.6319	80.7110	MBF-1	0.6 +	2.4 +	5.1	4.08	0.47	8.75	1305.	50.	9.
1284	0000	-792	37.6319	80.7115	MBF-2	0.6 -	2.3	5.2 -	3.74 ++	0.43 ++	8.64 +	1306.	52.	10.
1285	0000	-791	37.6319	80.7122	MBF-1	0.6 +	2.2 +	5.8 +	3.77	0.38	9.97	1336.	51.	11.
1286	0000	-789	37.6319	80.7128	MBF-2	0.7 -	2.2	6.0 -	3.25 +	0.36 +	9.07 +	1384.	53.	12.
1287	0000	-800	37.6319	80.7135	MBF-2	0.8 -	1.9	6.7	2.34	0.28	8.32 +	1468.	57.	14.
1288	0000	-798	37.6319	80.7140	MBF-2	0.9	1.9	7.1	2.17	0.27	7.92	1568.	55.	15.
1289	0000	-786	37.6319	80.7146	MBF-2	1.0	1.9	7.7	1.91	0.24	7.81	1646.	55.	16.
1290	0000	-790	37.6319	80.7153	MBF-2	1.0	1.9	7.8	1.81	0.24	7.57	1705.	56.	17.
1291	0000	-797	37.6319	80.7158	MBF-2	1.1	1.7	7.9	1.58	0.22	7.28	1748.	57.	18.
1292	0000	-795	37.6319	80.7165	MBF-2	1.1	1.7	7.9	1.53	0.22	7.06	1763.	59.	19.
1293	0000	-790	37.6318	80.7171	MBF-2	1.1	1.4 -	8.3	1.25 -	0.17 -	7.44	1761.	58.	19.
1294	0000	-787	37.6318	80.7177	MBF-2	1.1	1.4	7.6	1.32	0.19 -	6.97	1733.	55.	19.
1295	0000	-790	37.6318	80.7183	MBF-2	1.1	1.2 -	7.7	1.18 -	0.16 -	7.32	1699.	57.	18.
1296	0000	-794	37.6318	80.7189	MBF-2	1.0	1.6	7.0	1.59	0.23	6.99	1672.	57.	18.
1297	0000	-797	37.6318	80.7195	MBF-2	1.0	1.6	7.3	1.64	0.22	7.39	1658.	56.	16.
1298	0000	-798	37.6318	80.7202	MBF-2	1.0	1.8	7.6	1.89	0.24	7.81	1673.	54.	15.
1299	0000	-794	37.6318	80.7207	MBF-2	1.0	1.9	7.7	1.96	0.25	7.99	1702.	51.	14.
1300	0000	-792	37.6317	80.7214	MBF-2	0.9	2.3	7.9	2.45 +	0.29	8.53 +	1723.	51.	12.
1301	0000	-797	37.6318	80.7220	MBF-2	0.9	2.6 +	8.4	3.02 +	0.31	9.63 ++	1748.	52.	11.
1302	0000	-798	37.6318	80.7226	MBF-2	0.9	2.7 +	8.6 +	2.97 +	0.31	9.51 ++	1768.	51.	10.
1303	0000	-791	37.6318	80.7232	MBF-2	0.9	2.6 +	8.9 +	2.91 +	0.29	9.90 ++	1772.	49.	10.
1304	0000	-791	37.6318	80.7238	MBF-2	0.9	2.5 +	8.8 +	2.76 +	0.28	9.93 ++	1749.	49.	11.
1305	0000	-793	37.6318	80.7244	MBF-2	0.8	2.3	8.4	2.81 +	0.28	10.14 ++	1682.	51.	10.
1306	0000	-790	37.6317	80.7251	MBF-2	0.8 -	2.3	7.8	2.92 +	0.30	9.89 ++	1601.	51.	10.
1307	0000	-789	37.6317	80.7256	MBF-2	0.7 -	2.2	7.1	2.97 +	0.30	9.85 ++	1510.	52.	11.
1308	0000	-791	37.6317	80.7263	MBF-2	0.6 -	2.0	6.7	3.13 +	0.29	10.79 ++	1412.	52.	11.
1309	0000	-791	37.6317	80.7269	MBF-1	0.5	2.0	6.4 +	4.06	0.32	12.79	1312.	53.	10.
1310	0000	-795	37.6317	80.7275	MBF-1	0.4	2.0	5.9 +	4.52	0.33	13.53	1229.	54.	10.
1311	0000	-796	37.6317	80.7281	MBF-1	0.4	2.1 +	5.3	5.93 +	0.40	14.72 +	1167.	53.	10.
1312	0000	-791	37.6317	80.7287	MBF-1	0.3	2.1 +	5.0	5.99 +	0.41	14.55 +	1137.	51.	10.
1313	0000	-790	37.6317	80.7293	MBF-1	0.3 -	2.1 +	5.1	7.48 +	0.41	18.26 ++	1114.	53.	9.
1314	0000	-792	37.6317	80.7300	MBF-1	0.3 -	2.0 +	4.9	7.43 +	0.42	17.86 +	1088.	51.	9.
1315	0000	-790	37.6317	80.7306	MBF-1	0.3 -	1.7	5.1	6.58 +	0.33	20.01 ++	1061.	51.	10.
1316	0000	-794	37.6317	80.7312	MBF-1	0.3 -	1.5	4.9	5.98 +	0.31	19.02 ++	1024.	50.	11.
1317	0000	-795	37.6317	80.7318	MBF-1	0.2 -	1.4	4.3	6.12 +	0.33	18.29 ++	981.	51.	11.
1318	0000	-794	37.6317	80.7324	MBF-1	0.3 -	1.2	4.4	4.71	0.27	17.36 +	953.	51.	11.
1319	0000	-795	37.6316	80.7330	MBF-1	0.2 -	1.2	4.2	4.94	0.28	17.81 +	915.	51.	12.
1320	0000	-787	37.6316	80.7337	MBF-1	0.2 -	1.1	4.2	4.80	0.26	18.78 ++	897.	47.	12.
1321	0000	-788	37.6316	80.7342	MBF-1	0.2 -	0.9 -	4.4	3.65	0.20 -	17.95 +	899.	47.	12.
1322	0000	-796	37.6316	80.7349	MBF-1	0.3 -	1.1	4.4	3.80	0.24 -	15.87 +	916.	47.	11.
1323	0000	-787	37.6316	80.7355	MBF-1	0.3 -	1.1	4.7	3.82	0.23 -	16.56 +	947.	48.	12.
1324	0000	-788	37.6316	80.7361	MBF-1	0.3	1.1	5.4	3.66	0.21 -	17.58 +	988.	47.	12.
1325	0000	-801	37.6316	80.7367	MBF-1	0.3	1.3	5.6 +	4.57	0.24 -	19.13 ++	1031.	46.	12.
1326	0000	-795	37.6316	80.7373	MBF-1	0.3 -	1.5	6.3 +	5.29	0.24 -	21.79 ++	1083.	44.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-790	37.6316	80.7379	MBF-1	0.3	1.5	6.5 +	4.54	0.24 -	18.94 ++	1122.	46.	12.
1328	0000	-796	37.6316	80.7385	MBF-1	0.3	1.6	6.6 +	4.59	0.24 -	18.92 ++	1154.	46.	12.
1329	0000	-795	37.6316	80.7391	MBF-1	0.3	1.8	6.2 +	5.60 +	0.29	19.23 ++	1163.	45.	11.
1330	0000	-790	37.6316	80.7397	MBF-1	0.3	1.9	5.9 +	5.69 +	0.32	17.60 +	1167.	45.	10.
1331	0000	-790	37.6316	80.7404	MBF-1	0.3	1.7	5.8 +	5.04	0.30	17.06 +	1151.	45.	9.
1332	0000	-795	37.6315	80.7409	MBF-1	0.3	1.8	5.7 +	5.05	0.31	16.33 +	1133.	48.	8.
1333	0000	-801	37.6315	80.7416	MBF-1	0.3	1.8	5.3	5.17	0.34	15.40 +	1116.	51.	6.
1334	0000	-793	37.6315	80.7422	MBF-1	0.4	1.7	5.2	4.11	0.33	12.33	1141.	52.	5.
1335	0000	-788	37.6315	80.7429	MBF-1	0.5	2.3 +	5.1	5.12	0.46	11.25	1186.	53.	3.
1336	0000	-796	37.6315	80.7434	MBF-1	0.5	2.2 +	5.3	4.28	0.42	10.16	1218.	53.	3.
1337	0000	-799	37.6315	80.7440	MBF-1	0.6 +	2.2 +	5.5 +	3.90	0.41	9.60	1241.	52.	3.
1338	0000	-795	37.6315	80.7447	MBF-2	0.6 -	2.5 +	5.3 -	4.20 ++	0.48 +++	8.78 +	1265.	54.	3.
1339	0000	-791	37.6315	80.7453	MBF-2	0.6 -	2.4 +	5.6 -	4.02 ++	0.44 ++	9.20 +	1296.	53.	4.
1340	0000	-790	37.6315	80.7458	MBF-2	0.7 -	2.2	5.7 -	3.09 +	0.38 +	8.03	1344.	52.	5.
1341	0000	-797	37.6315	80.7465	MBF-2	0.7 -	2.2	6.0	3.00 +	0.36 +	8.34 +	1336.	51.	5.
1342	0000	-800	37.6315	80.7471	MBF-2	0.8 -	2.1	6.0 -	2.73 +	0.35 +	7.86	1353.	50.	6.
1343	0000	-790	37.6315	80.7478	MBF-2	0.9	1.9	5.7 -	2.26	0.34 +	6.64	1384.	52.	8.
1344	0000	-790	37.6315	80.7483	MBF-2	0.9	2.2	5.2 -	2.32	0.41 ++	5.62 -	1422.	54.	9.
1345	0000	-795	37.6314	80.7490	MBF-2	1.0	2.1	5.4 -	2.03	0.38 +	5.34 -	1476.	52.	10.
1346	0000	-793	37.6314	80.7496	MBF-2	1.1	1.9	5.3 -	1.76	0.35 +	4.99 -	1472.	50.	10.
1347	0000	-792	37.6314	80.7502	MBF-2	1.0	2.0	4.7 -	2.03	0.42 ++	4.81 --	1421.	51.	11.
1348	0000	-793	37.6314	80.7508	(WATER)	0.9	2.0	4.1	2.17	0.47	4.59	1369.	50.	11.
1349	0000	-798	37.6314	80.7514	(WATER)	0.8	1.6	3.5	2.02	0.46	4.37	1266.	51.	12.
1350	0000	-798	37.6314	80.7520	(WATER)	0.6	1.7	3.3	2.72	0.51	5.38	1179.	48.	12.
1351	0000	-791	37.6314	80.7526	(WATER)	0.5	1.3	3.4	2.43	0.37	6.58	1091.	46.	12.
1352	0000	-791	37.6314	80.7532	(WATER)	0.5	1.2	3.2	2.71	0.40	6.84	1014.	46.	12.
1353	0000	-796	37.6314	80.7539	MBF-1	0.5	1.4	2.6 -	2.87	0.55 +	5.20 --	985.	48.	11.
1354	0000	-799	37.6314	80.7544	MBF-1	0.5 +	1.5	2.6 -	2.82	0.60 ++	4.69 --	996.	46.	10.
1355	0000	-796	37.6314	80.7551	MBF-1	0.6 +	1.5	2.7 -	2.56	0.57 +	4.51 ---	1030.	48.	9.
1356	0000	-793	37.6314	80.7557	MBF-2	0.7 -	1.8	2.8 ---	2.64 +	0.65 +++	4.10 ---	1088.	46.	8.
1357	0000	-793	37.6314	80.7563	MBF-2	0.7 -	2.1	3.3 ---	2.84 +	0.64 +++	4.43 --	1156.	46.	6.
1358	0000	-798	37.6313	80.7569	MBF-2	0.8 -	2.9 +	3.9 --	3.74 ++	0.74 +++	5.06 -	1246.	46.	4.
1359	0000	-797	37.6313	80.7576	MBF-2	0.7 -	3.2 ++	4.5 --	4.34 ++	0.70 +++	6.17	1302.	48.	3.
1360	0000	-791	37.6313	80.7582	MBF-2	0.7 -	3.3 ++	4.9 -	4.52 +++	0.68 +++	6.64	1393.	45.	4.
1361	0000	-790	37.6313	80.7588	MBF-2	0.8 -	3.4 ++	5.8 -	4.36 ++	0.58 +++	7.57	1474.	44.	4.
1362	0000	-797	37.6313	80.7594	MBF-2	0.8	3.6 +++	6.4	4.21 ++	0.56 +++	7.58	1576.	43.	5.
1363	0000	-798	37.6313	80.7600	MBF-2	1.0	3.6 +++	7.3	3.71 ++	0.49 +++	7.60	1693.	43.	5.
1364	0000	-795	37.6313	80.7606	MBF-2	1.2	3.6 +++	7.8	2.95 +	0.46 ++	6.45	1856.	45.	7.
1365	0000	-797	37.6313	80.7612	MBF-2	1.5 +	3.0 ++	8.7 +	2.05	0.35 +	5.91	2027.	46.	8.
1366	0000	-791	37.6313	80.7618	MBF-2	1.8 ++	2.8 +	9.4 +	1.57	0.30	5.22 -	2210.	44.	9.
1367	0000	-788	37.6313	80.7624	MBF-2	1.9 +++	2.7 +	10.2 ++	1.45	0.27	5.39 -	2266.	48.	8.
1368	0000	-797	37.6313	80.7631	MBF-2	2.0 +++	2.8 +	10.1 ++	1.41	0.28	5.03 -	2318.	49.	8.
1369	0000	-796	37.6313	80.7636	MBF-2	2.0 +++	2.9 ++	10.1 ++	1.45	0.29	5.03 -	2330.	49.	7.
1370	0000	-789	37.6313	80.7643	MBF-2	1.9 +++	3.0 ++	9.9 +	1.56	0.31	5.10 -	2296.	49.	6.
1371	0000	-797	37.6312	80.7649	MBF-2	1.8 ++	2.6 +	9.5 +	1.46	0.28	5.28 -	2166.	48.	6.
1372	0000	-795	37.6312	80.7655	MBF-2	1.6 ++	2.6 +	8.6	1.59	0.30	5.34 -	1992.	47.	5.
1373	0000	-790	37.6312	80.7661	MBF-2	1.3 +	2.5 +	8.0	1.86	0.31	5.90	1811.	49.	4.
1374	0000	-790	37.6312	80.7667	MBF-2	1.2	2.5 +	7.5	1.98	0.33	5.99	1700.	49.	4.
1375	0000	-783	37.6312	80.7673	MH	1.1	2.2	6.9	1.95	0.32	6.14 -	1585.	50.	4.
1376	0000	-786	37.6312	80.7680	MH	1.0	2.1	6.6	2.02	0.31	6.43 -	1475.	53.	4.
1377	0000	-797	37.6312	80.7685	MH	1.0	1.7	6.4	1.79	0.27	6.56	1385.	56.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-788	37.6312	80.7692	MH	0.9	2.1	6.1	2.35	0.35 +	6.72	1353.	56.	5.
1379	0000	-785	37.6312	80.7698	MH	0.9	2.1	6.1	2.34	0.34	6.89	1353.	56.	5.
1380	0000	-793	37.6312	80.7705	MH	0.9	2.0	6.2	2.16	0.32	6.58	1397.	54.	6.
1381	0000	-792	37.6312	80.7710	MH	1.0	2.0	6.7	2.12	0.31	6.93	1459.	54.	6.
1382	0000	-791	37.6312	80.7717	MH	1.0	1.9	7.0	1.85	0.27	6.77	1545.	56.	8.
1383	0000	-792	37.6312	80.7723	MH	1.1 +	1.7	7.3	1.47	0.23	6.40 -	1629.	54.	9.
1384	0000	-789	37.6311	80.7729	MH	1.2 +	1.5	8.0	1.23 -	0.19 -	6.50 -	1714.	52.	10.
1385	0000	-790	37.6311	80.7735	MH	1.3 +	1.1 -	8.6 +	0.87 --	0.13 --	6.70	1769.	51.	11.
1386	0000	-792	37.6311	80.7741	MH	1.3 +	1.1 -	9.2 +	0.86 --	0.12 --	7.04	1819.	52.	12.
1387	0000	-793	37.6311	80.7747	MH	1.3 +	1.2 -	9.3 +	0.90 --	0.13 --	7.17	1862.	53.	12.
1388	0000	-793	37.6311	80.7754	MH	1.3 +	1.1 -	9.4 +	0.85 --	0.12 --	7.00	1899.	53.	12.
1389	0000	-792	37.6311	80.7759	MH	1.4 +	1.1 -	9.9 ++	0.79 --	0.11 ---	7.28	1916.	50.	11.
1390	0000	-792	37.6311	80.7766	MH	1.3 +	1.1 -	9.9 ++	0.80 --	0.11 ---	7.44	1929.	51.	12.
1391	0000	-792	37.6311	80.7772	MH	1.3 +	1.4	9.7 ++	1.05 -	0.14 --	7.28	1930.	51.	10.
1392	0000	-794	37.6311	80.7778	MH	1.3 +	1.5	9.4 +	1.15 -	0.16 -	7.09	1902.	52.	10.
1393	0000	-795	37.6311	80.7784	MH	1.3 +	1.8	8.9 +	1.36 -	0.20 -	6.87	1863.	52.	9.
1394	0000	-793	37.6311	80.7790	MH	1.3 +	1.7	8.6 +	1.37 -	0.20 -	6.90	1787.	55.	9.
1395	0000	-795	37.6311	80.7796	MH	1.2 +	1.5	8.2 +	1.25 -	0.19 -	6.73	1710.	55.	9.
1396	0000	-794	37.6311	80.7802	MH	1.1 +	1.6	7.8	1.36 -	0.20	6.85	1629.	57.	9.
1397	0000	-787	37.6310	80.7808	MH	1.1	1.8	7.3	1.65	0.25	6.63	1568.	57.	7.
1398	0000	-790	37.6310	80.7815	MH	1.1	1.7	7.1	1.55	0.23	6.60	1529.	59.	7.
1399	0000	-800	37.6310	80.7820	MH	1.1	1.7	7.3	1.56	0.23	6.92	1529.	58.	7.
1400	0000	-794	37.6310	80.7826	MH	1.1	1.4	7.5	1.26 -	0.19 -	6.70	1532.	57.	7.
1401	0000	-789	37.6310	80.7833	MH	1.2 +	1.5	7.7	1.24 -	0.19 -	6.39 -	1569.	54.	6.
1402	0000	-795	37.6310	80.7839	MH	1.2 +	1.6	7.8	1.34 -	0.21	6.35 -	1602.	51.	6.
1403	0000	-796	37.6310	80.7845	MH	1.3 +	1.8	7.8	1.39 -	0.23	6.00 -	1654.	49.	5.
1404	0000	-796	37.6310	80.7851	MH	1.4 +	1.9	8.3 +	1.37 -	0.23	6.09 -	1712.	47.	5.
1405	0000	-796	37.6310	80.7857	MH	1.4 +	2.0	8.3 +	1.45	0.24	6.13 -	1749.	47.	5.
1406	0000	-790	37.6310	80.7863	MH	1.4 +	2.2	8.4 +	1.61	0.26	6.11 -	1786.	48.	6.
1407	0000	-793	37.6310	80.7869	MH	1.4 +	2.5 +	8.0	1.82	0.32	5.70 -	1824.	48.	5.
1408	0000	-797	37.6310	80.7876	MH	1.4 +	2.5 +	7.8	1.78	0.31	5.69 -	1824.	49.	6.
1409	0000	-795	37.6310	80.7882	MH	1.3 +	2.7 +	7.9	2.01	0.34	5.92 -	1821.	51.	4.
1410	0000	-800	37.6309	80.7887	MH	1.3 +	2.8 ++	7.2	2.23	0.39 +	5.78 -	1779.	52.	4.
1411	0000	-798	37.6309	80.7894	MH	1.2 +	2.8 ++	7.0	2.38	0.40 +	5.95 -	1731.	51.	3.
1412	0000	-792	37.6309	80.7900	MH	1.2 +	2.8 ++	6.9	2.42	0.40 +	5.99 -	1691.	53.	3.
1413	0000	-797	37.6309	80.7907	MH	1.1	2.8 ++	6.6	2.46	0.42 +	5.81 -	1647.	52.	2.
1414	0000	-795	37.6309	80.7912	MH	1.1	2.7 ++	7.2	2.56	0.38 +	6.73	1602.	51.	1.
1415	0000	-790	37.6309	80.7919	MH	1.0	2.9 ++	6.8	2.78	0.43 +	6.46 -	1604.	51.	1.
1416	0000	-791	37.6309	80.7925	MH	1.0	2.9 ++	6.9	2.84	0.42 +	6.69	1600.	51.	2.
1417	0000	-790	37.6309	80.7931	MBF-2	1.0	2.8 +	7.9	2.72 +	0.35 +	7.80	1630.	49.	2.
1418	0000	-791	37.6309	80.7937	MBF-2	1.0	2.5 +	8.2	2.45 +	0.31	7.96	1635.	49.	3.
1419	0000	-793	37.6309	80.7943	MBF-2	1.0	2.4 +	8.4	2.39	0.29	8.21 +	1643.	46.	4.
1420	0000	-794	37.6309	80.7949	MBF-2	1.0	2.5 +	8.4	2.43 +	0.29	8.31 +	1660.	45.	4.
1421	0000	-795	37.6309	80.7956	MBF-2	1.0	2.2	8.1	2.16	0.27	7.94	1676.	46.	6.
1422	0000	-793	37.6309	80.7961	MBF-2	1.0	2.2	8.7 +	2.26	0.25	8.87 +	1680.	45.	6.
1423	0000	-794	37.6308	80.7968	MBF-2	1.0	2.1	8.8 +	2.15	0.24	8.84 +	1681.	46.	6.
1424	0000	-794	37.6308	80.7974	(WATER)	1.0	2.4	8.6	2.35	0.28	8.51	1699.	45.	6.
1425	0000	-793	37.6308	80.7980	(WATER)	1.0	2.5	8.2	2.43	0.31	7.89	1712.	47.	6.
1426	0000	-797	37.6308	80.7986	(WATER)	1.0	2.6	7.8	2.65	0.34	7.82	1711.	48.	7.
1427	0000	-797	37.6309	80.7992	(WATER)	1.0	2.6	7.4	2.64	0.35	7.56	1691.	47.	8.
1428	0000	-791	37.6309	80.7999	(WATER)	0.9	2.7	7.1	2.86	0.38	7.55	1662.	47.	9.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-791	37.6308	80.8005(WATER)	0.9	2.5	6.8	2.76	0.37	7.51	1624.	50.	10.
1430	0000	-796	37.6308	80.8010(WATER)	0.9	2.4	6.2	2.73	0.39	7.01	1614.	51.	12.
1431	0000	-795	37.6308	80.8017 MBF-2	0.9	2.3	5.9 -	2.72 +	0.39 +	6.98	1608.	51.	13.
1432	0000	-792	37.6308	80.8023 MBF-2	0.9	2.3	6.4	2.56 +	0.36 +	7.21	1635.	49.	15.
1433	0000	-787	37.6308	80.8030 MBF-2	1.0	2.2	6.8	2.20	0.33	6.76	1702.	49.	15.
1434	0000	-786	37.6308	80.8035 MBF-2	1.1	2.1	7.5	1.88	0.28	6.76	1782.	51.	15.
1435	0000	-793	37.6308	80.8041 MBF-2	1.2	2.1	7.9	1.83	0.27	6.78	1848.	48.	14.
1436	0000	-797	37.6308	80.8047 MBF-2	1.2	2.2	7.9	1.75	0.27	6.44	1889.	47.	13.
1437	0000	-795	37.6308	80.8053 MBF-2	1.3	2.1	8.0	1.61	0.27	6.00	1902.	44.	11.
1438	0000	-797	37.6308	80.8058 MBF-2	1.3	2.1	8.1	1.61	0.26	6.18	1857.	46.	10.
1439	0000	-796	37.6308	80.8064 MBF-2	1.3	2.1	7.7	1.71	0.28	6.10	1787.	48.	8.
1440	0000	-793	37.6308	80.8069 MBF-2	1.1	2.1	7.0	1.82	0.29	6.20	1703.	46.	8.
1441	0000	-799	37.6308	80.8075 MBF-2	1.0	2.1	6.8	2.07	0.31	6.60	1623.	45.	7.
1442	0000	-801	37.6308	80.8080 MBF-2	1.0	2.0	6.5	2.01	0.31	6.53	1556.	46.	7.
1443	0000	-800	37.6308	80.8086 MBF-2	0.9	1.9	6.2	2.17	0.31	6.93	1503.	48.	7.
1444	0000	-801	37.6308	80.8091 MBF-2	0.8 -	1.9	6.6	2.35	0.29	8.19 +	1477.	48.	7.
1445	0000	-797	37.6309	80.8096 MBF-2	0.9	1.8	6.3	2.06	0.29	7.18	1492.	48.	7.
1446	0000	-796	37.6309	80.8102 MBF-2	0.9	1.9	6.8	2.15	0.28	7.71	1544.	46.	8.
1447	0000	-803	37.6309	80.8108 MBF-2	1.0	2.0	7.1	2.08	0.28	7.44	1579.	49.	8.
1448	0000	-803	37.6309	80.8113 MBF-2	1.0	1.9	7.5	1.91	0.26	7.34	1614.	51.	9.
1449	0000	-798	37.6309	80.8119 MBF-2	1.1	1.9	7.8	1.85	0.25	7.46	1652.	51.	9.
1450	0000	-795	37.6309	80.8125 MH	1.1	2.1	8.0	1.89	0.26	7.29	1682.	48.	8.
1451	0000	-795	37.6309	80.8130 MH	1.1	2.0	7.9	1.78	0.25	7.05	1686.	52.	9.
1452	0000	-800	37.6309	80.8136 MH	1.1	2.0	7.9	1.84	0.26	7.16	1690.	52.	9.
1453	0000	-800	37.6309	80.8141 MH	1.1 +	1.8	7.6	1.59	0.24	6.69	1683.	52.	8.
1454	0000	-792	37.6309	80.8147 MH	1.2 +	1.7	7.8	1.44 -	0.22	6.56	1690.	50.	8.
1455	0000	-793	37.6309	80.8152 MH	1.2 +	1.6	7.5	1.38 -	0.22	6.33 -	1676.	48.	6.
1456	0000	-800	37.6309	80.8158 MH	1.2 +	1.5	7.7	1.27 -	0.20 -	6.49 -	1659.	48.	5.
1457	0000	-803	37.6309	80.8163 MH	1.3 +	1.4	7.3	1.11 -	0.19 -	5.78 -	1639.	51.	5.
1458	0000	-802	37.6309	80.8169 MH	1.2 +	1.6	7.4	1.32 -	0.22	6.02 -	1655.	50.	4.
1459	0000	-801	37.6309	80.8174 MH	1.2 +	1.8	7.3	1.46	0.24	5.95 -	1650.	51.	3.
1460	0000	-803	37.6309	80.8181 MH	1.2 +	1.8	7.3	1.50	0.25	6.09 -	1623.	52.	2.
1461	0000	-800	37.6309	80.8185 MH	1.1	1.7	7.4	1.49	0.23	6.60	1585.	53.	2.
1462	0000	-794	37.6309	80.8191 MH	1.1 +	1.6	7.1	1.41 -	0.23	6.26 -	1557.	55.	2.
1463	0000	-798	37.6310	80.8197 MH	1.1	1.6	6.8	1.43 -	0.24	6.06 -	1519.	56.	3.
1464	0000	-799	37.6310	80.8202 MH	1.1	1.5	7.2	1.43 -	0.21	6.77	1503.	54.	3.
1465	0000	-795	37.6310	80.8208 MH	1.2 +	1.4	7.5	1.24 -	0.19 -	6.49 -	1513.	55.	4.
1466	0000	-800	37.6310	80.8214 MH	1.2 +	1.2 -	7.7	1.02 -	0.15 -	6.60	1493.	55.	4.
1467	0000	-800	37.6310	80.8219 MH	1.2 +	1.2 -	7.7	1.05 -	0.16 -	6.57	1497.	57.	4.
1468	0000	-796	37.6310	80.8224 MH	1.1 +	1.4	7.5	1.22 -	0.19 -	6.58	1488.	57.	4.
1469	0000	-796	37.6310	80.8230 MH	1.1	1.3	8.1	1.21 -	0.16 -	7.37	1483.	57.	3.
1470	0000	-795	37.6310	80.8235 MH	1.1	1.6	7.7	1.47	0.20	7.31	1497.	58.	3.
1471	0000	-794	37.6310	80.8241 MH	1.1	1.7	8.1 +	1.58	0.21	7.67	1522.	59.	2.
1472	0000	-797	37.6311	80.8247 MH	1.0	1.7	7.7	1.71	0.22	7.61	1504.	59.	2.
1473	0000	-804	37.6311	80.8252 MH	1.0	1.8	7.7	1.83	0.24	7.75	1529.	58.	2.
1474	0000	-807	37.6311	80.8257 MH	1.0	1.8	7.9	1.83	0.23	8.05	1535.	56.	3.
1475	0000	-801	37.6311	80.8264 MH	1.0	1.7	7.9	1.64	0.22	7.51	1525.	57.	2.
1476	0000	-803	37.6311	80.8268 MH	1.0	1.9	7.6	1.83	0.25	7.38	1505.	60.	2.
1477	0000	-808	37.6311	80.8274 MH	1.0	1.8	7.5	1.73	0.23	7.41	1457.	58.	2.
1478	0000	-802	37.6311	80.8280 MH	1.0	1.6	6.9	1.73	0.24	7.27	1392.	59.	2.
1479	0000	-801	37.6311	80.8285 MH	0.9	1.7	6.5	1.99	0.26	7.64	1317.	57.	2.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-809	37.6311	80.8291	MH	0.8	1.6	6.3	2.10	0.26	8.10	1247.	57.	1.
1481	0000	-809	37.6311	80.8297	MH	0.7	1.6	5.9	2.26	0.27	8.25	1174.	58.	1.
1482	0000	-806	37.6311	80.8302	MH	0.6	1.8	5.7	2.99	0.31	9.60	1135.	57.	1.
1483	0000	-808	37.6311	80.8307	MH	0.6	1.8	5.4	3.14	0.33	9.60	1122.	54.	1.
1484	0000	-810	37.6311	80.8313	MH	0.6	1.8	5.8	3.09	0.31	10.06	1146.	55.	1.
1485	0000	-808	37.6311	80.8319	MH	0.6	2.0	6.0	3.18	0.34	9.49	1184.	55.	0.
1486	0000	-800	37.6311	80.8324	MH	0.7	1.9	6.4	2.73	0.30	9.10	1254.	56.	0.
1487	0000	-797	37.6311	80.8330	MH	0.8	1.9	6.9	2.50	0.28	8.96	1327.	57.	1.
1488	0000	-801	37.6311	80.8336	MH	0.8	2.1	7.2	2.51	0.29	8.67	1399.	59.	1.
1489	0000	-804	37.6311	80.8340	MH	0.9	2.1	8.0	2.31	0.26	8.80	1467.	58.	1.
1490	0000	-805	37.6312	80.8347	MH	0.9	2.1	8.0	2.30	0.27	8.59	1495.	58.	1.
1491	0000	-804	37.6312	80.8352	MH	1.0	2.2	7.9	2.34	0.28	8.31	1511.	59.	1.
1492	0000	-803	37.6312	80.8357	MH	0.9	2.2	8.2 +	2.35	0.27	8.76	1529.	58.	1.
1493	0000	-805	37.6312	80.8363	MH	0.9	2.2	8.2 +	2.41	0.27	8.97	1522.	57.	2.
1494	0000	-808	37.6312	80.8369	MH	0.9	2.2	8.1 +	2.53	0.27	9.24	1512.	57.	2.
1495	0000	-810	37.6312	80.8374	MH	0.9	2.1	8.1 +	2.32	0.26	9.09	1513.	53.	2.
1496	0000	-809	37.6312	80.8380	MH	0.9	2.1	7.6	2.34	0.27	8.63	1499.	54.	2.
1497	0000	-808	37.6312	80.8385	MH	0.9	2.1	7.6	2.23	0.27	8.20	1534.	53.	3.
1498	0000	-810	37.6312	80.8390	MH	0.9	2.0	7.8	2.18	0.26	8.45	1565.	52.	3.
1499	0000	-809	37.6313	80.8396	MH	1.0	2.1	7.7	2.15	0.27	7.97	1584.	54.	2.
1500	0000	-807	37.6313	80.8402	MH	1.0	2.1	7.7	2.22	0.28	8.05	1579.	56.	2.
1501	0000	-806	37.6313	80.8407	MH	1.0	2.3 +	7.5	2.34	0.31	7.52	1596.	58.	1.
1502	0000	-808	37.6313	80.8413	MH	1.0	2.5 +	7.3	2.47	0.34	7.35	1605.	59.	1.
1503	0000	-811	37.6313	80.8419	MH	1.0	2.4 +	7.5	2.37	0.32	7.37	1620.	61.	1.
1504	0000	-811	37.6313	80.8423	MH	1.0	2.4 +	8.0	2.38	0.31	7.77	1631.	61.	1.
1505	0000	-810	37.6313	80.8430	MH	1.0	2.6 +	8.1 +	2.53	0.32	7.85	1642.	60.	1.
1506	0000	-812	37.6313	80.8435	MH	1.1	2.5 +	8.2 +	2.25	0.30	7.45	1662.	58.	1.
1507	0000	-815	37.6313	80.8441	MH	1.1 +	2.3 +	8.3 +	2.06	0.28	7.35	1685.	57.	1.
1508	0000	-813	37.6313	80.8446	MH	1.1	2.0	8.4 +	1.82	0.24	7.61	1647.	55.	2.
1509	0000	-811	37.6313	80.8452	MH	1.1	2.0	8.5 +	1.85	0.23	8.05	1623.	55.	2.
1510	0000	-813	37.6313	80.8457	MH	1.0	1.9	8.4 +	1.92	0.23	8.29	1599.	53.	2.
1511	0000	-811	37.6313	80.8463	MH	1.0	2.1	8.1 +	2.08	0.25	8.19	1567.	54.	2.
1512	0000	-810	37.6313	80.8468	MH	1.0	1.8	7.9	1.91	0.23	8.21	1523.	54.	2.
1513	0000	-812	37.6313	80.8474	MH	0.9	1.8	7.8	2.07	0.23	9.02	1468.	56.	2.
1514	0000	-810	37.6313	80.8479	MH	0.8	1.9	7.7	2.27	0.25	9.15	1459.	56.	3.
1515	0000	-813	37.6313	80.8485	MH	0.8	2.1	7.6	2.48	0.28	8.96	1471.	54.	2.
1516	0000	-814	37.6313	80.8491	MH	0.9	2.1	7.3	2.37	0.29	8.11	1471.	55.	3.
1517	0000	-810	37.6314	80.8496	MH	1.0	1.9	7.6	2.04	0.26	7.96	1482.	55.	4.
1518	0000	-813	37.6314	80.8502	MBP	0.9	1.6	7.4	1.79	0.22	8.05	1472.	56.	6.
1519	0000	-817	37.6314	80.8508	MBP	0.9	1.7	7.0	1.83	0.24	7.63	1448.	55.	8.
1520	0000	-817	37.6314	80.8513	MBP	0.9	1.7	6.5	1.97	0.26	7.59	1395.	55.	10.
1521	0000	-818	37.6314	80.8518	MBP	0.8	1.5	6.0	1.82	0.24	7.47	1297.	55.	11.
1522	0000	-817	37.6314	80.8524	MBP	0.7	1.2	5.3	1.74	0.23	7.62	1200.	56.	14.
1523	0000	-817	37.6314	80.8529	MBP	0.6	0.8 -	5.1	1.48 -	0.16 -	9.02	1101.	57.	15.
1524	0000	-815	37.6314	80.8535	MBP	0.5 -	0.9 -	4.2 -	1.92	0.21	9.09	1020.	57.	16.
1525	0000	-813	37.6314	80.8540	MBP	0.4 -	0.9 -	4.2 -	2.17	0.20	10.64	959.	56.	16.
1526	0000	-818	37.6314	80.8546	MBP	0.4 -	0.7 --	4.2 -	1.92	0.16 -	11.83 +	939.	58.	15.
1527	0000	-821	37.6314	80.8551	MBP	0.4 -	0.7 --	4.3 -	1.74	0.16 -	11.03 +	928.	57.	14.
1528	0000	-821	37.6314	80.8557	MBP	0.4 -	0.8 -	4.3 -	2.26	0.19 -	11.83 +	943.	59.	13.
1529	0000	-819	37.6314	80.8562	MBP	0.4 -	1.0 -	4.6 -	2.43	0.21	11.36 +	960.	58.	11.
1530	0000	-814	37.6314	80.8568	MBP	0.4 -	1.5	4.5 -	3.70 +	0.32	11.43 +	990.	58.	9.

CP 9 1P 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-815	37.6314	80.8574	MBP	0.4 -	1.6	5.1	4.30 +	0.31	13.72 +	1008.	58.	7.
1532	0000	-821	37.6315	80.8579	MBP	0.4 -	1.7	4.9	4.79 +	0.35	13.66 +	1000.	58.	6.
1533	0000	-822	37.6315	80.8585	MBP	0.3 -	1.8	4.9	5.75 ++	0.37 +	15.37 ++	985.	56.	6.
1534	0000	-819	37.6315	80.8591	MBP	0.3 -	1.9	4.9	6.05 ++	0.39 +	15.45 ++	994.	57.	6.
1535	0000	-818	37.6315	80.8596	MBP	0.3 -	1.9	5.1	6.31 ++	0.38 +	16.78 ++	991.	56.	6.
1536	0000	-822	37.6315	80.8601	MH	0.3 -	1.8	5.4	6.44 ++	0.33	19.26 +++	985.	58.	6.
1537	0000	-821	37.6315	80.8607	MH	0.3 -	1.6	5.6	5.96 ++	0.29	20.90 +++	964.	58.	6.
1538	0000	-817	37.6315	80.8613	MH	0.3 -	1.4	5.2 -	5.18 ++	0.28	18.65 +++	924.	59.	7.
1539	0000	-819	37.6315	80.8618	MH	0.3 -	1.5	5.1 -	5.13 ++	0.29	17.85 ++	904.	59.	6.
1540	0000	-816	37.6315	80.8624	MH	0.2 --	1.7	4.4 -	7.74 ++	0.38 +	20.49 +++	873.	61.	6.
1541	0000	-816	37.6315	80.8630	MH	0.2 --	1.6	4.4 -	7.07 ++	0.36 +	19.43 +++	855.	58.	5.
1542	0000	-825	37.6315	80.8634	MH	0.3 -	1.4	4.3 -	5.55 ++	0.33	17.03 ++	841.	57.	5.
1543	0000	-822	37.6315	80.8640	MH	0.3 -	1.3	4.1 -	4.60 +	0.32	14.15 ++	843.	56.	6.
1544	0000	-818	37.6316	80.8646	MH	0.3 -	1.3	3.8 --	4.29 +	0.34	12.72 +	838.	56.	6.
1545	0000	-822	37.6316	80.8651	MH	0.3 -	1.2 -	3.7 --	3.84 +	0.34	11.41 +	842.	56.	6.
1546	0000	-821	37.6316	80.8657	MH	0.3 -	1.2 -	3.7 --	3.99 +	0.34	11.85 +	827.	58.	6.
1547	0000	-817	37.6316	80.8663	MH	0.3 -	1.0 -	3.9 -	2.87	0.25	11.70 +	810.	57.	7.
1548	0000	-816	37.6316	80.8668	MH	0.3 -	0.8 -	3.9 -	2.52	0.21	12.01 +	783.	59.	8.
1549	0000	-818	37.6316	80.8674	MH	0.3 -	0.9 -	3.6 --	2.71	0.25	10.68	770.	60.	7.
1550	0000	-820	37.6316	80.8679	MH	0.3 -	0.9 -	3.4 --	2.66	0.26	10.16	776.	58.	8.
1551	0000	-818	37.6316	80.8684	MH	0.4 -	0.9 -	3.5 --	2.41	0.27	8.91	799.	55.	7.
1552	0000	-820	37.6316	80.8690	MH	0.4 -	1.0 -	3.8 --	2.20	0.26	8.60	834.	53.	7.
1553	0000	-821	37.6317	80.8696	MH	0.5 -	1.0 -	4.1 -	2.06	0.24	8.71	877.	50.	6.
1554	0000	-822	37.6317	80.8701	MH	0.5	1.2 -	4.4 -	2.13	0.26	8.14	930.	50.	5.
1555	0000	-827	37.6317	80.8707	MH	0.6	1.5	4.8 -	2.52	0.30	8.29	1001.	47.	4.
1556	0000	-825	37.6317	80.8713	MH	0.6	1.7	5.2 -	2.73	0.32	8.48	1060.	46.	3.
1557	0000	-825	37.6317	80.8718	MH	0.7	1.9	5.4	2.75	0.36 +	7.75	1111.	48.	3.
1558	0000	-829	37.6317	80.8724	MH	0.7	1.8	5.4	2.50	0.34	7.34	1159.	50.	4.
1559	0000	-824	37.6317	80.8729	MH	0.8	2.0	5.7	2.64	0.36 +	7.42	1211.	52.	3.
1560	0000	-823	37.6317	80.8735	MH	0.9	2.0	5.8	2.20	0.35 +	6.28 -	1290.	51.	4.
1561	0000	-830	37.6317	80.8740	MH	1.0	2.0	6.1	1.98	0.33	5.92 -	1393.	50.	5.
1562	0000	-827	37.6317	80.8746	MH	1.1 +	2.1	6.4	1.85	0.33	5.59 -	1497.	53.	5.
1563	0000	-819	37.6317	80.8752	MH	1.2 +	2.5 +	7.1	2.09	0.35 +	5.93 -	1631.	51.	5.
1564	0000	-822	37.6317	80.8757	MH	1.2 +	2.4 +	7.7	2.05	0.32	6.50 -	1707.	51.	5.
1565	0000	-832	37.6317	80.8762	MH	1.2 +	2.7 +	8.1 +	2.23	0.33	6.73	1774.	52.	4.
1566	0000	-830	37.6317	80.8768	MH	1.3 +	2.9 ++	8.2 +	2.25	0.35 +	6.39 -	1868.	52.	4.
1567	0000	-824	37.6317	80.8773	MH	1.3 +	2.8 ++	8.5 +	2.18	0.33	6.68	1927.	53.	4.
1568	0000	-827	37.6317	80.8779	MH	1.3 +	2.8 ++	8.9 +	2.13	0.32	6.74	1988.	52.	4.
1569	0000	-830	37.6317	80.8785	MH	1.3 +	2.9 ++	8.9 +	2.15	0.32	6.64	2023.	50.	5.
1570	0000	-827	37.6317	80.8790	MH	1.5 ++	2.7 +	8.5 +	1.80	0.31	5.73 -	2023.	50.	6.
1571	0000	-828	37.6318	80.8796	MH	1.6 ++	2.7 ++	8.3 +	1.75	0.33	5.34 -	2064.	50.	7.
1572	0000	-829	37.6318	80.8802	MH	1.6 ++	2.9 ++	8.5 +	1.83	0.34 +	5.34 -	2097.	48.	8.
1573	0000	-825	37.6318	80.8807	MH	1.5 ++	2.7 +	8.4 +	1.75	0.32	5.46 -	2054.	47.	10.
1574	0000	-826	37.6318	80.8812	MH	1.5 ++	2.6 +	8.0	1.70	0.33	5.15 -	2013.	48.	11.
1575	0000	-829	37.6318	80.8818	MH	1.5 ++	2.6 +	7.3	1.72	0.35 +	4.93 --	1961.	50.	12.
1576	0000	-827	37.6318	80.8823	MH	1.4 ++	2.3 +	7.4	1.63	0.32	5.15 -	1889.	52.	12.
1577	0000	-830	37.6318	80.8829	MH	1.3 +	2.0	7.3	1.48	0.27	5.48 -	1822.	52.	12.
1578	0000	-836	37.6318	80.8834	MH	1.3 +	1.9	7.1	1.48	0.27	5.50 -	1752.	51.	12.
1579	0000	-834	37.6318	80.8840	MH	1.3 +	1.6	6.6	1.27 -	0.25	5.18 -	1672.	50.	12.
1580	0000	-832	37.6318	80.8846	MH	1.2 +	1.5	6.4	1.21 -	0.24	5.15 -	1614.	51.	11.
1581	0000	-828	37.6318	80.8851	MH	1.2 +	1.6	6.5	1.40 -	0.25	5.56 -	1568.	51.	10.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100; DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-827	37.6318	80.8856 MH	1.1	1.7	6.5	1.51	0.26	5.82 -	1515.	50.	9.
1583	0000	-833	37.6319	80.8862 MH	1.1	1.8	6.3	1.64	0.28	5.76 -	1482.	48.	8.
1584	0000	-838	37.6319	80.8868(WATER)	1.1	1.9	6.3	1.83	0.31	5.91	1444.	51.	6.
1585	0000	-833	37.6319	80.8874(WATER)	1.0	1.8	6.5	1.79	0.28	6.36	1406.	53.	6.
1586	0000	-826	37.6319	80.8879(WATER)	1.0	2.0	6.5	2.02	0.30	6.71	1386.	52.	5.
1587	0000	-831	37.6319	80.8885(WATER)	0.9	2.1	6.3	2.27	0.34	6.78	1376.	52.	3.
1588	0000	-837	37.6319	80.8890(WATER)	0.9	2.2	6.5	2.35	0.34	7.01	1382.	51.	3.
1589	0000	-831	37.6319	80.8895(WATER)	0.9	2.2	6.3	2.41	0.34	7.06	1363.	53.	2.
1590	0000	-833	37.6319	80.8901(WATER)	0.8	2.3	6.1	2.92	0.38	7.66	1346.	53.	2.
1591	0000	-839	37.6319	80.8907(WATER)	0.8	2.1	5.9	2.63	0.36	7.33	1336.	53.	4.
1592	0000	-834	37.6319	80.8912(WATER)	0.7	2.2	5.4	2.96	0.41	7.27	1326.	51.	5.
1593	0000	-837	37.6319	80.8917(WATER)	0.7	2.0	5.3	2.97	0.38	7.78	1280.	55.	6.
1594	0000	-838	37.6319	80.8923(WATER)	0.6	2.0	4.7	3.10	0.42	7.40	1207.	55.	7.
1595	0000	-830	37.6319	80.8929(WATER)	0.6	1.9	3.7	3.47	0.51	6.77	1110.	55.	8.
1596	0000	-833	37.6319	80.8934(WATER)	0.5	1.6	3.2	3.22	0.51	6.35	1016.	53.	8.
1597	0000	-837	37.6319	80.8940(WATER)	0.5	1.5	2.7	2.93	0.54	5.39	938.	51.	9.
1598	0000	-836	37.6320	80.8945(WATER)	0.4	1.7	2.1	4.37	0.80	5.47	857.	49.	9.
1599	0000	-841	37.6320	80.8951(WATER)	0.4	1.5	1.7	4.33	0.88	4.90	788.	51.	9.
1600	0000	-840	37.6320	80.8957(WATER)	0.4	1.2	1.7	2.90	0.73	3.96	809.	47.	10.
1601	0000	-835	37.6320	80.8962(WATER)	0.5	1.1	2.4	2.17	0.47	4.63	921.	46.	11.
1602	0000	-841	37.6320	80.8968(WATER)	0.6	1.1	3.0	1.69	0.37	4.62	1048.	47.	12.
1603	0000	-842	37.6320	80.8973 MH	0.8	1.2 -	3.8 --	1.57	0.32	4.89 --	1194.	48.	13.
1604	0000	-841	37.6320	80.8978 MH	1.0	0.8 -	4.7 -	0.87 --	0.18 -	4.89 --	1350.	51.	15.
1605	0000	-842	37.6320	80.8984 MH	1.1	0.9 -	5.8	0.86 --	0.16 -	5.31 -	1509.	51.	16.
1606	0000	-836	37.6320	80.8990 MH	1.2 +	1.1 -	6.4	0.94 --	0.18 -	5.37 -	1624.	49.	15.
1607	0000	-835	37.6320	80.8995 MH	1.2 +	1.3	6.7	1.09 -	0.19 -	5.69 -	1674.	51.	15.
1608	0000	-844	37.6320	80.9001 MH	1.2 +	1.3 -	6.6	1.07 -	0.19 -	5.54 -	1652.	50.	16.
1609	0000	-843	37.6320	80.9006 MH	1.1 +	1.3	6.6	1.18 -	0.20	5.85 -	1612.	50.	14.
1610	0000	-832	37.6320	80.9011 MH	1.1	1.3 -	6.5	1.17 -	0.20 -	5.98 -	1562.	48.	14.
1611	0000	-831	37.6319	80.9016 MH	1.0	1.4	6.5	1.46	0.22	6.81	1493.	47.	12.
1612	0000	-841	37.6319	80.9021 MH	0.9	1.2 -	6.2	1.24 -	0.19 -	6.64	1418.	50.	12.
1613	0000	-842	37.6319	80.9027 MH	0.9	1.1 -	6.1	1.27 -	0.19 -	6.75	1393.	50.	12.
1614	0000	-833	37.6319	80.9032 MH	0.9	1.2 -	6.1	1.23 -	0.19 -	6.38 -	1402.	48.	12.
1615	0000	-832	37.6319	80.9037 MH	0.9	1.4	6.8	1.50	0.20	7.41	1420.	48.	11.
1616	0000	-835	37.6319	80.9042 MH	1.0	1.4	7.0	1.43 -	0.20 -	7.30	1449.	49.	10.
1617	0000	-835	37.6318	80.9047 MH	1.0	1.6	6.9	1.63	0.23	7.11	1479.	49.	9.
1618	0000	-837	37.6318	80.9053 MH	1.0	1.8	6.7	1.80	0.27	6.56	1508.	50.	8.
1619	0000	-841	37.6318	80.9058 MH	1.0	2.1	6.9	1.99	0.30	6.59	1543.	47.	6.
1620	0000	-839	37.6317	80.9063 MH	1.1	2.2	7.5	2.00	0.29	6.90	1591.	46.	4.
1621	0000	-839	37.6317	80.9068 MH	1.1	2.3 +	7.6	2.15	0.31	7.03	1585.	48.	3.
1622	0000	-841	37.6317	80.9073 MH	1.1	2.3 +	7.1	2.13	0.32	6.58	1572.	50.	2.
1623	0000	-839	37.6317	80.9079 MH	1.1	2.2	6.9	2.12	0.32	6.53	1541.	49.	2.
1624	0000	-841	37.6317	80.9084 MH	1.0	2.2	7.0	2.19	0.31	6.99	1489.	48.	1.
1625	0000	-841	37.6317	80.9089 MH	0.9	2.2	6.7	2.39	0.33	7.31	1413.	48.	1.
1626	0000	-838	37.6316	80.9094 MH	0.8	1.9	6.3	2.38	0.31	7.75	1329.	50.	2.
1627	0000	-841	37.6316	80.9099 MH	0.7	1.7	5.6	2.33	0.31	7.59	1211.	50.	3.
1628	0000	-840	37.6316	80.9105 MH	0.6	1.6	5.3	2.53	0.30	8.40	1118.	49.	4.
1629	0000	-838	37.6316	80.9110 MH	0.6	1.5	4.8 -	2.61	0.30	8.67	1029.	47.	5.
1630	0000	-840	37.6316	80.9115 MH	0.4 -	1.3	4.7 -	3.10	0.29	10.81	952.	46.	7.
1631	0000	-838	37.6316	80.9120 MH	0.4 -	1.2 -	4.4 -	3.17	0.28	11.36 +	902.	48.	8.
1632	0000	-839	37.6316	80.9125 MH	0.4 -	1.1 -	4.1 -	3.17	0.27	11.71 +	863.	48.	10.

CP 9 IP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-840	37.6315	80.9131		MH	0.3 -	1.1 -	3.9 -	3.63 +	0.29	12.53 +	828.	48.	10.
1634	0000	-840	37.6315	80.9136		MH	0.3 -	1.2 -	3.8 --	3.89 +	0.30	12.84 +	826.	48.	9.
1635	0000	-843	37.6315	80.9141		MH	0.3 -	1.1 -	3.9 -	3.52 +	0.28	12.39 +	848.	45.	9.
1636	0000	-843	37.6315	80.9146		MH	0.3 -	1.1 -	4.3 -	3.53 +	0.27	13.29 +	883.	46.	8.
1637	0000	-847	37.6315	80.9151		MH	0.4 -	1.3	4.0 -	3.31	0.32	10.26	909.	49.	7.
1638	0000	-847	37.6315	80.9157		MH	0.5 -	1.4	3.9 -	3.13	0.36 +	8.70	931.	50.	5.
1639	0000	-838	37.6314	80.9162		MH	0.5 -	1.4	4.0 -	3.00	0.34 +	8.71	950.	49.	4.
1640	0000	-843	37.6314	80.9167		MH	0.5 -	1.5	4.1 -	3.14	0.36 +	8.77	970.	50.	3.
1641	0000	-848	37.6314	80.9172		MH	0.4 -	1.5	4.2 -	3.47 +	0.36 +	9.65	961.	49.	2.
1642	0000	-838	37.6313	80.9177		MH	0.4 -	1.6	4.0 -	3.79 +	0.40 +	9.37	939.	52.	1.
1643	0000	-841	37.6313	80.9182		MH	0.4 -	1.7	3.7 --	3.94 +	0.45 +	8.82	898.	54.	1.
1644	0000	-843	37.6313	80.9188		MH	0.3 -	1.7	3.8 --	4.94 +	0.45 ++	10.97 +	863.	54.	1.
1645	0000	-836	37.6313	80.9193		MH	0.3 -	1.6	3.9 -	5.54 ++	0.40 +	13.73 +	846.	53.	1.
1646	0000	-844	37.6313	80.9198		MH	0.3 -	1.5	4.1 -	4.90 +	0.38 +	13.05 +	856.	53.	2.
1647	0000	-853	37.6313	80.9203		MH	0.3 -	1.6	4.5 -	4.72 +	0.36 +	13.25 +	879.	53.	2.
1648	0000	-849	37.6312	80.9208		MH	0.4 -	1.6	4.7 -	3.92 +	0.35 +	11.27 +	929.	54.	3.
1649	0000	-846	37.6312	80.9214		MH	0.4 -	1.5	5.2 -	3.43 +	0.29	11.70 +	966.	55.	3.
1650	0000	-844	37.6312	80.9219		MH	0.5 -	1.5	5.4	3.21	0.28	11.56 +	993.	53.	4.
1651	0000	-842	37.6312	80.9224		MH	0.5 -	1.4	5.5	2.79	0.25	11.00 +	1010.	50.	4.
1652	0000	-842	37.6312	80.9229		MH	0.5 -	1.5	5.5	2.99	0.27	11.19 +	1012.	51.	4.
1653	0000	-843	37.6312	80.9234		MH	0.5 -	1.4	5.8	2.92	0.25	11.91 +	1015.	52.	4.
1654	0000	849	37.6312	80.9240		MH	0.5 -	1.5	5.5	2.90	0.27	10.87 +	1038.	53.	4.
1655	0000	-851	37.6311	80.9245		MH	0.5 -	1.7	5.1 -	3.50 +	0.33	10.66	1042.	52.	3.
1656	0000	-841	37.6311	80.9250		MH	0.5 -	1.9	4.9 -	4.05 +	0.38 +	10.57	1074.	51.	3.
1657	0000	-839	37.6311	80.9255		MH	0.5 -	2.0	5.0 -	3.88 +	0.40 +	9.73	1127.	52.	3.
1658	0000	-850	37.6311	80.9260		MH	0.6	2.1	5.3	3.56 +	0.39 +	9.07	1195.	54.	4.
1659	0000	-852	37.6311	80.9266		MH	0.7	2.2	5.8	3.26	0.38 +	8.53	1275.	53.	4.
1660	0000	-849	37.6311	80.9271		MH	0.7	2.3 +	6.0	3.14	0.39 +	8.13	1362.	50.	5.
1661	0000	-849	37.6310	80.9276		MH	0.8	2.1	6.2	2.80	0.34	8.22	1397.	53.	7.
1662	0000	-847	37.6310	80.9281		MH	0.8	2.1	6.5	2.76	0.32	8.54	1414.	53.	7.
1663	0000	-846	37.6310	80.9286		MH	0.8	1.8	6.5	2.28	0.28	8.06	1415.	53.	9.
1664	0000	-850	37.6310	80.9292		MH	0.8	1.7	6.8	2.09	0.25	8.44	1429.	52.	11.
1665	0000	-850	37.6310	80.9297		MH	0.8	1.6	6.9	1.92	0.23	8.51	1437.	50.	12.
1666	0000	-844	37.6310	80.9302		MH	0.8	1.3	6.8	1.62	0.19 -	8.50	1442.	49.	13.
1667	0000	-842	37.6309	80.9307		MH	0.8	1.3	6.5	1.57	0.20	7.69	1455.	51.	13.
1668	0000	-848	37.6309	80.9312		MH	0.9	1.5	6.6	1.64	0.22	7.46	1482.	47.	12.
1669	0000	-847	37.6309	80.9318		MH	1.0	1.4	7.2	1.44	0.19 -	7.50	1533.	47.	12.
1670	0000	-844	37.6308	80.9323		MH	1.0	1.8	7.4	1.80	0.24	7.43	1602.	46.	11.
1671	0000	-848	37.6308	80.9328		MH	1.0	1.8	7.5	1.82	0.25	7.39	1652.	46.	9.
1672	0000	-848	37.6308	80.9333		MH	1.1	2.1	7.5	1.98	0.28	7.09	1713.	47.	8.
1673	0000	-848	37.6308	80.9338		MH	1.1	2.3 +	7.9	2.16	0.29	7.36	1757.	49.	7.
1674	0000	-850	37.6308	80.9344		MH	1.0	2.3 +	8.0	2.21	0.29	7.73	1763.	49.	7.
1675	0000	-846	37.6308	80.9349		MH	1.0	2.4 +	8.2 +	2.35	0.29	8.10	1766.	51.	7.
1676	0000	-849	37.6308	80.9354		MH	1.0	2.6 +	7.8	2.56	0.33	7.66	1774.	49.	7.
1677	0000	-856	37.6307	80.9359		MH	1.1	2.3 +	8.3 +	2.20	0.28	7.85	1765.	51.	7.
1678	0000	-857	37.6307	80.9364		MH	1.0	2.5 +	8.2 +	2.48	0.31	8.03	1755.	50.	7.
1679	0000	-857	37.6307	80.9369		MH	1.0	2.4 +	8.2 +	2.44	0.29	8.53	1715.	52.	7.
1680	0000	-857	37.6307	80.9375		MH	1.0	2.5 +	8.1 +	2.53	0.31	8.27	1708.	50.	7.
1681	0000	-851	37.6307	80.9380		MH	0.9	2.5 +	8.0	2.73	0.32	8.56	1678.	51.	7.
1682	0000	-847	37.6307	80.9385		MH	1.0	2.2 +	8.0	2.20	0.28	7.82	1680.	50.	8.
1683	0000	-845	37.6306	80.9390		MH	1.0	2.0	8.2 +	1.94	0.24	8.16	1671.	55.	8.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-845	37.6306	80.9395	MH	1.0	2.0	8.3 +	2.04	0.24	8.46	1672.	54.	8.
1685	0000	-849	37.6306	80.9401	MH	1.1	1.9	8.3 +	1.79	0.23	7.72	1679.	53.	8.
1686	0000	-854	37.6306	80.9406	MH	1.1	1.9	8.3 +	1.75	0.24	7.45	1726.	54.	9.
1687	0000	-853	37.6306	80.9411	MH	1.1	2.1	8.5 +	1.91	0.25	7.79	1776.	53.	8.
1688	0000	-854	37.6306	80.9416	MH	1.2 +	2.1	9.1 +	1.75	0.23	7.75	1825.	52.	8.
1689	0000	-856	37.6305	80.9421	MH	1.1 +	2.4 +	8.7 +	2.05	0.27	7.56	1843.	52.	7.
1690	0000	-854	37.6305	80.9427	MH	1.2 +	2.4 +	8.9 +	2.00	0.27	7.44	1849.	51.	6.
1691	0000	-853	37.6305	80.9432	MH	1.3 +	2.5 +	8.3 +	1.95	0.29	6.63	1848.	50.	5.
1692	0000	-854	37.6305	80.9437	MH	1.3 +	2.4 +	8.5 +	1.86	0.28	6.57	1872.	50.	5.
1693	0000	-855	37.6305	80.9442	MH	1.3 +	2.3 +	8.5 +	1.83	0.27	6.72	1823.	49.	4.
1694	0000	-857	37.6305	80.9447	MH	1.3 +	2.1	8.1 +	1.62	0.25	6.38 -	1739.	51.	3.
1695	0000	-855	37.6305	80.9453	MH	1.3 +	1.8	7.7	1.45	0.24	6.07 -	1667.	52.	3.
1696	0000	-849	37.6304	80.9458	MH	1.2 +	1.8	7.9	1.48	0.22	6.65	1604.	50.	2.
1697	0000	-844	37.6304	80.9464	MH	1.1	1.9	7.0	1.68	0.26	6.35 -	1535.	48.	2.
1698	0000	-846	37.6304	80.9468	MH	1.0	1.6	6.8	1.59	0.24	6.74	1455.	50.	3.
1699	0000	-854	37.6303	80.9473	MH	0.9	1.6	6.3	1.84	0.25	7.43	1352.	50.	2.
1700	0000	-853	37.6303	80.9479	MH	0.8	1.6	6.1	2.05	0.27	7.71	1303.	49.	2.
1701	0000	-843	37.6303	80.9484	MH	0.8	1.5	5.7	1.94	0.26	7.37	1263.	48.	3.
1702	0000	-846	37.6303	80.9489	MH	0.7	1.8	5.4	2.54	0.33	7.73	1247.	49.	3.
1703	0000	-855	37.6303	80.9494	MH	0.7	1.6	5.2	2.22	0.30	7.47	1249.	52.	4.
1704	0000	-852	37.6303	80.9499	MH	0.7	1.4	5.5	2.07	0.26	7.97	1254.	55.	5.
1705	0000	-843	37.6302	80.9505	MH	0.7	1.8	5.7	2.46	0.31	7.92	1294.	53.	5.
1706	0000	-850	37.6302	80.9510	MH	0.8	1.6	6.1	1.98	0.26	7.61	1326.	55.	6.
1707	0000	-863	37.6302	80.9515	MH	0.9	1.6	6.0	1.82	0.26	7.03	1364.	57.	7.
1708	0000	-858	37.6302	80.9520	MH	0.8	1.6	6.2	2.01	0.27	7.55	1378.	57.	6.
1709	0000	-854	37.6302	80.9525	MH	0.8	1.4	6.3	1.65	0.22	7.52	1367.	55.	7.
1710	0000	-856	37.6302	80.9530	MH	0.8	1.6	5.9	1.99	0.27	7.44	1311.	53.	7.
1711	0000	-848	37.6301	80.9536	MH	0.8	1.6	5.8	2.06	0.27	7.57	1255.	49.	7.
1712	0000	-849	37.6301	80.9541	MH	0.7	1.3	5.4	1.99	0.25	8.05	1160.	50.	7.
1713	0000	-857	37.6301	80.9546	MH	0.5	1.4	4.9 -	2.54	0.28	9.04	1056.	50.	7.
1714	0000	-851	37.6301	80.9551	MH	0.4 -	1.3	4.5 -	2.86	0.29	9.99	957.	49.	7.
1715	0000	-850	37.6301	80.9556	MH	0.4 -	1.2 -	4.1 -	3.15	0.29	10.85 +	869.	50.	7.
1716	0000	-858	37.6301	80.9562	MH	0.3 -	1.3 -	3.5 --	3.89 +	0.36 +	10.88 +	812.	50.	8.
1717	0000	-860	37.6301	80.9567	MH	0.3 -	1.2 -	3.5 --	4.25 +	0.36 +	11.98 +	793.	50.	9.
1718	0000	-864	37.6300	80.9572	MH	0.3 -	1.2 -	3.3 --	4.74 +	0.37 +	12.86 +	787.	51.	9.
1719	0000	-860	37.6300	80.9577	MH	0.3 -	1.2 -	3.3 --	4.41 +	0.36 +	12.14 +	803.	52.	10.
1720	0000	-852	37.6300	80.9582	MH	0.3 -	1.2 -	3.2 --	3.48 +	0.37 +	9.37	846.	54.	10.
1721	0000	-857	37.6300	80.9588	MH	0.4 -	1.1 -	3.4 --	2.78	0.32	8.75	867.	53.	10.
1722	0000	-860	37.6300	80.9593	MH	0.4 -	1.0 -	3.5 --	2.34	0.29	7.94	892.	53.	9.
1723	0000	-855	37.6300	80.9598	MH	0.5 -	1.0 -	3.7 --	2.27	0.28	8.04	901.	54.	9.
1724	0000	-857	37.6299	80.9603	MH	0.5 -	1.0 -	3.9 -	2.15	0.25	8.59	917.	55.	9.
1725	0000	-862	37.6299	80.9608	MH	0.5 -	0.9 -	4.0 -	2.02	0.24	8.46	937.	56.	9.
1726	0000	-863	37.6299	80.9614	MH	0.5 -	1.0 -	4.2 -	2.09	0.23	9.09	938.	54.	8.
1727	0000	-859	37.6298	80.9619	MH	0.4 -	1.1 -	4.2 -	2.67	0.27	9.90	924.	52.	8.
1728	0000	-861	37.6298	80.9624	MH	0.4 -	1.1 -	4.1 -	2.73	0.27	10.12	906.	55.	9.
1729	0000	-862	37.6298	80.9629	MH	0.4 -	1.2 -	4.1 -	2.95	0.28	10.46	915.	53.	9.
1730	0000	-853	37.6298	80.9634	MH	0.4 -	1.3 -	4.3 -	3.19	0.29	10.92 +	933.	53.	9.
1731	0000	-856	37.6298	80.9640	MH	0.4 -	1.3	4.4 -	3.00	0.30	10.07	965.	55.	8.
1732	0000	-864	37.6298	80.9645	MH	0.4 -	1.6	4.6 -	3.93 +	0.35 +	11.31 +	991.	55.	7.
1733	0000	-862	37.6297	80.9650	MH	0.5 -	1.6	4.4 -	3.53 +	0.37 +	9.61	1028.	56.	7.
1734	0000	-866	37.6297	80.9655	MH	0.5 -	1.5	5.0 -	3.01	0.30	9.87	1088.	55.	8.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-867	37.6297	80.9660	MH	0.6	1.7	5.3	3.10	0.33	9.38	1175.	54.	7.
1736	0000	-863	37.6297	80.9666	MH	0.6	2.0	5.8	3.12	0.34 +	9.10	1282.	54.	8.
1737	0000	-871	37.6297	80.9671	MH	0.7	2.0	5.8	2.74	0.33	8.20	1364.	52.	9.
1738	0000	-868	37.6297	80.9676	MH	0.7	2.2	6.0	2.97	0.36 +	8.25	1395.	49.	9.
1739	0000	-860	37.6297	80.9682	MH	0.8	2.1	6.2	2.65	0.34	7.89	1427.	49.	10.
1740	0000	-865	37.6296	80.9686	MH	0.8	2.1	6.5	2.50	0.32	7.81	1490.	49.	11.
1741	0000	-867	37.6296	80.9692	MH	0.9	2.1	6.4	2.43	0.33	7.41	1536.	50.	12.
1742	0000	-865	37.6296	80.9697	MH	0.9	2.3 +	6.6	2.47	0.34	7.24	1593.	47.	12.
1743	0000	-865	37.6295	80.9702	MH	0.9	2.3 +	6.5	2.42	0.35 +	6.95	1613.	48.	12.
1744	0000	-864	37.6295	80.9707	MH	1.0	2.4 +	7.1	2.46	0.33	7.45	1640.	50.	11.
1745	0000	-869	37.6295	80.9713	MH	1.0	2.3 +	7.2	2.29	0.32	7.27	1674.	55.	11.
1746	0000	-870	37.6295	80.9717	MH	1.1	2.2	7.1	2.01	0.30	6.64	1696.	55.	11.
1747	0000	-862	37.6295	80.9723	MH	1.1	2.3 +	7.2	2.11	0.32	6.60	1711.	56.	9.
1748	0000	-860	37.6295	80.9729	MH	1.2 +	2.6 +	7.1	2.23	0.37 +	6.11 -	1736.	58.	7.
1749	0000	-862	37.6294	80.9733	MH	1.1 +	2.7 +	7.0	2.37	0.39 +	6.11 -	1723.	60.	6.
1750	0000	-867	37.6294	80.9738	MH	1.1	2.5 +	6.9	2.27	0.37 +	6.15 -	1680.	61.	5.
1751	0000	-871	37.6294	80.9743	MH	1.1	2.4 +	6.6	2.26	0.36 +	6.24 -	1611.	61.	4.
1752	0000	-865	37.6294	80.9749	MH	1.0	2.2	6.1	2.17	0.37 +	5.91 -	1522.	55.	3.
1753	0000	-864	37.6294	80.9754	MH	0.9	2.2	5.9	2.41	0.37 +	6.49 -	1423.	55.	2.
1754	0000	-871	37.6294	80.9759	MH	0.8	2.0	5.5	2.56	0.36 +	7.07	1308.	54.	3.
1755	0000	-869	37.6293	80.9764	MH	0.6	1.6	5.8	2.46	0.27	8.96	1194.	53.	3.
1756	0000	-869	37.6293	80.9769	MH	0.6	1.4	5.6	2.48	0.25	10.09	1109.	53.	5.
1757	0000	-872	37.6293	80.9776	MH	0.5	1.3	5.5	2.42	0.24	10.19	1087.	52.	6.
1758	0000	-873	37.6293	80.9780	MH	0.6	1.2 -	5.4	2.23	0.23	9.67	1119.	52.	8.
1759	0000	-874	37.6293	80.9785	MH	0.6	1.3	6.3	2.13	0.21	9.91	1212.	54.	8.
1760	0000	-869	37.6293	80.9790	MH	0.8	1.3	6.9	1.68	0.19 -	8.91	1331.	54.	9.
1761	0000	-865	37.6293	80.9796	MH	0.9	1.3	7.5	1.51	0.18 -	8.47	1445.	52.	9.
1762	0000	-871	37.6292	80.9801	MH	1.0	1.7	7.9	1.62	0.21	7.69	1563.	53.	9.
1763	0000	-873	37.6292	80.9806	MH	1.1	1.9	8.2 +	1.69	0.23	7.40	1649.	51.	8.
1764	0000	-871	37.6292	80.9812	MH	1.1	2.1	8.2 +	1.87	0.25	7.35	1680.	50.	6.
1765	0000	-870	37.6291	80.9816	MH	1.1	2.2	8.1 +	1.97	0.27	7.28	1674.	51.	5.
1766	0000	-868	37.6291	80.9821	MH	1.1	2.3 +	7.7	2.04	0.29	6.95	1643.	48.	4.
1767	0000	-870	37.6291	80.9827	MH	1.1	2.3 +	7.1	2.18	0.33	6.70	1616.	48.	3.
1768	0000	-874	37.6291	80.9832	MH	1.0	2.5 +	6.6	2.41	0.38 +	6.33 -	1579.	49.	2.
1769	0000	-876	37.6291	80.9837	MH	1.0	2.4 +	5.9	2.37	0.41 +	5.80 -	1549.	52.	2.
1770	0000	-875	37.6291	80.9843	MH	1.1	2.1	6.1	1.91	0.35 +	5.38 -	1573.	52.	3.
1771	0000	-871	37.6290	80.9847	MH	1.1 +	2.2	6.4	1.94	0.34	5.68 -	1615.	53.	4.
1772	0000	-873	37.6290	80.9853	MH	1.2 +	2.2	6.4	1.86	0.34	5.52 -	1641.	53.	5.
1773	0000	-877	37.6290	80.9859	MH	1.2 +	2.0	6.6	1.70	0.31	5.51 -	1664.	54.	6.
1774	0000	-876	37.6290	80.9863	MH	1.2 +	1.9	7.1	1.59	0.27	5.84 -	1684.	52.	6.
1775	0000	-874	37.6290	80.9868	MH	1.3 +	1.6	7.2	1.27 -	0.23	5.61 -	1733.	51.	7.
1776	0000	-872	37.6290	80.9873	MH	1.3 +	1.9	7.4	1.45	0.26	5.55 -	1792.	48.	7.
1777	0000	-869	37.6290	80.9879	MH	1.3 +	2.0	7.4	1.56	0.26	5.93 -	1784.	47.	7.
1778	0000	-872	37.6290	80.9885	MH	1.3 +	1.8	7.3	1.48	0.25	5.83 -	1747.	46.	6.
1779	0000	-878	37.6290	80.9891	MH	1.2 +	2.0	7.1	1.68	0.28	6.03 -	1694.	48.	5.
1780	0000	-878	37.6290	80.9897	MH	1.1	2.0	6.8	1.77	0.29	6.04 -	1651.	49.	5.
1781	0000	-877	37.6290	80.9904	MH	1.1	2.0	6.6	1.81	0.30	6.00 -	1603.	51.	6.
1782	0000	-876	37.6290	80.9909	MH	1.0	2.1	6.4	2.14	0.33	6.53	1537.	54.	5.
1783	0000	-871	37.6290	80.9916	MH	0.8	1.8	6.4	2.18	0.29	7.57	1433.	52.	5.
1784	0000	-875	37.6290	80.9922	MH	0.8	1.9	6.2	2.30	0.30	7.54	1378.	53.	5.
1785	0000	-879	37.6291	80.9928	MH	0.8	1.9	5.9	2.27	0.32	7.14	1371.	52.	5.

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FLIGHT LINE 100, DAY 293

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-877	37.6291	80.9934	MH	0.9	1.9	6.7	2.07	0.28	7.41	1442.	52.	5.
1787	0000	-881	37.6291	80.9940	MH	0.9	1.8	6.9	1.94	0.26	7.46	1484.	53.	5.
1788	0000	-883	37.6291	80.9946	MH	0.9	2.0	6.9	2.15	0.29	7.54	1498.	53.	5.
1789	0000	-877	37.6291	80.9953	MH	0.9	2.1	7.3	2.32	0.28	8.18	1501.	52.	4.
1790	0000	-873	37.6291	80.9958	MH	0.9	2.0	7.2	2.14	0.28	7.55	1500.	54.	4.
1791	0000	-875	37.6291	80.9965	MH	0.9	2.2	7.2	2.36	0.30	7.87	1499.	55.	3.
1792	0000	-880	37.6292	80.9971	MH	0.9	2.2	7.4	2.43	0.30	8.19	1501.	55.	4.
1793	0000	-881	37.6292	80.9978	MH	0.9	2.2	7.0	2.48	0.31	7.94	1487.	54.	4.
1794	0000	-878	37.6292	80.9984	MH	0.8	2.2	7.2	2.66	0.31	8.61	1506.	52.	5.
1795	0000	-878	37.6292	80.9990	MH	0.9	2.2	7.4	2.56	0.30	8.58	1541.	51.	6.
1796	0000	-879	37.6293	80.9996	MH	0.9	2.0	7.0	2.18	0.28	7.67	1561.	53.	8.
1797	0000	-882	37.6293	81.0002	MH	0.9	2.0	7.1	2.21	0.28	7.80	1594.	53.	9.
1798	0000	-882	37.6293	81.0009	MH	0.9	2.0	7.4	2.24	0.27	8.21	1619.	51.	10.
1799	0000	-878	37.6293	81.0014	MH	0.9	2.0	7.7	2.13	0.26	8.30	1643.	52.	11.
1800	0000	-876	37.6293	81.0021	MH	0.9	1.8	8.0	1.98	0.23	8.76	1611.	54.	11.
1801	0000	-877	37.6293	81.0027	MH	0.9	1.8	7.5	2.02	0.25	8.24	1548.	55.	11.
1802	0000	-877	37.6293	81.0033	MH	0.9	1.7	7.3	2.02	0.24	8.50	1485.	55.	11.
1803	0000	-881	37.6293	81.0039	MH	0.8	1.8	7.2	2.29	0.25	9.18	1436.	53.	10.
1804	0000	-881	37.6294	81.0045	MH	0.8	1.8	6.9	2.36	0.26	8.96	1391.	53.	10.
1805	0000	-876	37.6294	81.0051	MH	0.8	1.6	6.7	2.00	0.24	8.42	1377.	55.	11.
1806	0000	-878	37.6294	81.0057	MH	0.8	1.5	6.4	1.95	0.24	8.17	1358.	55.	11.
1807	0000	-880	37.6294	81.0063	MH	0.8	1.4	6.2	1.64	0.22	7.38	1377.	54.	11.
1808	0000	-877	37.6294	81.0070	MH	0.9	1.3 -	6.4	1.49	0.20 -	7.52	1390.	53.	11.
1809	0000	-875	37.6294	81.0077	MH	0.8	1.4	6.2	1.71	0.23	7.51	1385.	53.	10.
1810	0000	-876	37.6294	81.0082	MH	0.9	1.3	6.2	1.47	0.21	7.04	1389.	53.	10.
1811	0000	-878	37.6295	81.0089	MH	0.8	1.2 -	6.3	1.52	0.20 -	7.73	1356.	53.	9.
1812	0000	-877	37.6295	81.0095	MH	0.7	1.3	5.9	1.73	0.22	7.81	1276.	52.	8.
1813	0000	-878	37.6295	81.0101	MH	0.6	1.2 -	5.5	1.90	0.22	8.55	1172.	52.	7.
1814	0000	-881	37.6295	81.0107	MH	0.5	1.4	5.3	2.66	0.27	9.87	1103.	51.	6.
1815	0000	-875	37.6295	81.0113	MH	0.5 -	1.5	5.0 -	3.23	0.30	10.68	1057.	51.	6.
1816	0000	-873	37.6295	81.0119	MH	0.5 -	1.3	4.9 -	2.79	0.27	10.36	1040.	51.	6.
1817	0000	-879	37.6295	81.0126	MH	0.4 -	1.3 -	5.1 -	2.91	0.25	11.79 +	1033.	52.	6.
1818	0000	-879	37.6296	81.0131	MH	0.5 -	1.1 -	5.3	2.28	0.21	10.70	1078.	52.	8.
1819	0000	-878	37.6296	81.0138	MH	0.6	1.1 -	5.8	2.00	0.20 -	10.18	1135.	53.	8.
1820	0000	-880	37.6296	81.0144	MH	0.6	1.0 -	5.8	1.65	0.18 -	9.29	1177.	53	9.
1821	0000	-876	37.6296	81.0150	MH	0.7	0.9 -	5.6	1.38 -	0.17 -	8.28	1182.	55.	10.
1822	0000	-873	37.6297	81.0156	MH	0.7	1.0 -	5.6	1.42 -	0.17 -	8.25	1172.	56.	10.
1823	0000	-878	37.6297	81.0162	MH	0.7	0.9 -	5.7	1.37 -	0.17 -	8.25	1171.	55.	11.
1824	0000	-881	37.6297	81.0169	MH	0.7	1.1 -	5.3	1.48	0.20	7.44	1168.	55.	11.
1825	0000	-879	37.6297	81.0175	MH	0.7	1.2 -	5.3	1.67	0.22	7.64	1148.	54.	10.
1826	0000	-879	37.6297	81.0181	MH	0.6	1.1 -	5.0 -	1.73	0.21	8.12	1122.	54.	10.
1827	0000	-878	37.6297	81.0187	MH	0.6	1.3 -	5.0 -	2.12	0.25	8.40	1126.	54.	9.
1828	0000	-881	37.6297	81.0193	MH	0.5	1.5	5.3	2.79	0.28	9.79	1151.	54.	9.
1829	0000	-884	37.6297	81.0199	MBP	0.6	1.7	5.5	3.09	0.32	9.79	1201.	52.	9.
1830	0000	-881	37.6298	81.0206	MBP	0.6	1.9	5.6	3.44 +	0.34	10.06	1221.	53.	9.
1831	0000	-875	37.6298	81.0211	MBP	0.5	1.9	5.9	3.76 +	0.33	11.42 +	1213.	52.	8.
1832	0000	-877	37.6298	81.0218	MBP	0.5 -	2.0	5.8	4.10 +	0.35	11.76 +	1192.	53.	8.
1833	0000	-883	37.6299	81.0224	MBP	0.5	2.2 +	5.6	4.03 +	0.39 +	10.38	1173.	54.	7.
1834	0000	-880	37.6299	81.0230	MBP	0.5	2.1 +	5.7	4.07 +	0.38 +	10.77	1163.	52.	6.
1835	0000	-875	37.6299	81.0236	MBP	0.5	2.0	5.3	3.87 +	0.38 +	10.25	1150.	53.	6.
1836	0000	-876	37.6299	81.0242	MBP	0.5	1.6	5.6	3.02	0.30	10.18	1126.	53.	5.

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FLIGHT LINE 100, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-873	37.6299	81.0248		MBP	0.6	1.7	5.3	2.95	0.31	9.37	1131.	52.	4.
1838	0000	-868	37.6299	81.0255		MBP	0.6	1.8	5.3	3.11	0.35	8.95	1157.	53.	4.
1839	0000	-872	37.6299	81.0261		MBP	0.6	1.9	5.3	3.15	0.35	9.01	1169.	54.	3.
1840	0000	-875	37.6299	81.0267		MBP	0.6	1.8	5.5	3.21	0.34	9.53	1183.	52.	3.
1841	0000	-875	37.6300	81.0274		MBP	0.6	1.8	5.6	3.10	0.32	9.56	1198.	53.	4.
1842	0000	-876	37.6300	81.0279		MBP	0.6	1.8	5.9	3.06	0.31	9.95	1202.	50.	4.
1843	0000	-873	37.6300	81.0286		MBP	0.6	1.9	5.9	3.23	0.32	10.08	1209.	50.	5.
1844	0000	-872	37.6300	81.0292		MBP	0.6	1.7	6.6	3.09	0.27	11.64 +	1223.	50.	7.
1845	0000	-877	37.6300	81.0298		MBP	0.6	1.4	6.9	2.30	0.21	11.21 +	1256.	51.	9.
1846	0000	-874	37.6300	81.0304		MBP	0.6	1.4	7.3	2.22	0.19 -	11.47 +	1325.	51.	11.
1847	0000	-871	37.6300	81.0310		MBP	0.6	1.4	7.8 +	2.22	0.18 -	12.07 +	1367.	50.	12.
1848	0000	-879	37.6301	81.0316		MBP	0.7	1.4	7.7 +	2.05	0.18 -	11.27 +	1379.	49.	13.
1849	0000	-881	37.6301	81.0323		MBP	0.7	1.4	7.4	1.97	0.19 -	10.47	1379.	50.	14.
1850	0000	-872	37.6301	81.0329		MBP	0.7	1.4	7.5 +	1.90	0.18 -	10.43	1372.	50.	14.
1851	0000	-869	37.6301	81.0335		MBP	0.7	1.5	6.7	1.98	0.22	9.15	1355.	52.	14.
1852	0000	-873	37.6301	81.0341		MBP	0.7	1.7	6.6	2.55	0.25	10.16	1325.	50.	12.
1853	0000	-872	37.6301	81.0347		MBP	0.6	1.5	6.5	2.43	0.23	10.67	1258.	50.	11.
1854	0000	-867	37.6301	81.0353		MBP	0.6	1.4	5.9	2.47	0.24	10.47	1190.	52.	10.
1855	0000	-872	37.6301	81.0360		MBP	0.5	1.2	5.7	2.41	0.21	11.40 +	1138.	53.	9.
1856	0000	-874	37.6302	81.0366		MBP	0.4 -	1.1 -	5.7	2.45	0.19 -	12.74 +	1085.	52.	9.
1857	0000	-866	37.6302	81.0372		MBP	0.4 -	1.1 -	5.2	2.81	0.21	13.61 +	1047.	53.	10.
1858	0000	-868	37.6302	81.0378		MBP	0.3 -	0.9 -	5.4	2.56	0.16 -	15.80 ++	1008.	53.	11.
1859	0000	-872	37.6302	81.0384		MBP	0.4 -	0.8 -	4.7 -	2.24	0.17 -	13.52 +	973.	55.	12.
1860	0000	-871	37.6302	81.0391		MBP	0.4 -	0.8 -	4.4 -	2.16	0.18 -	11.88 +	961.	55.	13.
1861	0000	-871	37.6302	81.0396		MBP	0.4 -	0.7 --	4.5 -	1.66	0.16 -	10.20	987.	56.	14.
1862	0000	-870	37.6302	81.0403		MBP	0.5	1.0 -	4.5 -	1.97	0.22	9.03	1046.	57.	14.
1863	0000	-868	37.6303	81.0409		PPP	0.6 -	1.2 -	4.7 -	1.98	0.25	8.06 +	1129.	61.	13.
1864	0000	-872	37.6303	81.0415		PPP	0.7	1.4	5.1	2.02	0.27	7.61	1218.	61.	12.
1865	0000	-873	37.6303	81.0421		PPP	0.7	1.6	5.4	2.28	0.30	7.59	1305.	59.	11.
1866	0000	-868	37.6303	81.0427		PPP	0.7	1.8	5.7	2.47	0.32	7.74	1371.	58.	9.
1867	0000	-867	37.6304	81.0433		PPP	0.8	2.1	5.9	2.73 +	0.35	7.83	1411.	58.	8.
1868	0000	-871	37.6304	81.0440		PPP	0.7	2.2	5.9	3.00 +	0.38 +	7.94 +	1416.	57.	6.
1869	0000	-868	37.6304	81.0445		PPP	0.7	2.1	5.9	2.87 +	0.36 +	7.97 +	1407.	58.	6.
1870	0000	-862	37.6304	81.0452		PPP	0.7	2.2	5.6	3.14 +	0.39 +	8.02 +	1365.	57.	5.
1871	0000	-864	37.6304	81.0459		PPP	0.7 -	2.0	5.3	3.10 +	0.39 +	8.01 +	1309.	57.	5.
1872	0000	-867	37.6304	81.0464		PPP	0.6 -	2.0	5.2	3.05 +	0.38 +	8.08 +	1247.	57.	5.
1873	0000	-865	37.6304	81.0471		PPP	0.6 -	1.7	5.0	2.74 +	0.34	7.98 +	1184.	60.	6.
1874	0000	-863	37.6305	81.0477		PPP	0.6 -	1.6	4.6 -	2.51 +	0.35	7.26	1148.	61.	7.
1875	0000	-865	37.6305	81.0483		PPP	0.6 -	1.7	4.4 -	2.94 +	0.39 +	7.53	1135.	62.	7.
1876	0000	-866	37.6305	81.0489		PPP	0.5 -	1.6	4.5 -	3.03 +	0.37 +	8.21 +	1102.	61.	8.
1877	0000	-864	37.6305	81.0495		PPP	0.5 -	1.4	4.8 -	2.61 +	0.30	8.81 +	1082.	60.	8.
1878	0000	-867	37.6305	81.0501		PPP	0.5 -	1.5	4.6 -	2.81 +	0.32	8.84 +	1064.	58.	8.
1879	0000	-871	37.6305	81.0508		PPP	0.5 -	1.4	4.4 -	2.74 +	0.32	8.48 +	1061.	60.	9.
1880	0000	-866	37.6305	81.0514		PPP	0.5 -	1.7	4.3 -	3.68 ++	0.41 +	9.07 +	1060.	59.	8.
1881	0000	-867	37.6305	81.0520		PPP	0.5 --	1.7	4.7 -	3.66 +	0.35	10.34 ++	1050.	57.	7.
1882	0000	-871	37.6306	81.0526		PPP	0.5 --	1.5	4.7 -	3.19 +	0.31	10.15 ++	1047.	56.	7.
1883	0000	-863	37.6306	81.0532		PPP	0.5 -	1.6	4.6 -	3.28 +	0.34	9.77 ++	1062.	59.	6.
1884	0000	-860	37.6306	81.0538		PPP	0.5 -	1.7	4.5 -	3.55 ++	0.38 +	9.42 +	1089.	61.	6.
1885	0000	-866	37.6306	81.0544		PPP	0.5 -	1.7	5.1	3.14 +	0.33	9.50 +	1118.	60.	4.
1886	0000	-860	37.6306	81.0551		PPP	0.6 -	1.8	5.3	3.16 +	0.35	9.16 +	1153.	61.	3.
1887	0000	-861	37.6306	81.0557		PPP	0.7 -	1.8	5.8	2.72 +	0.31	8.90 +	1214.	60.	2.

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FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-866	37.6306	81.0563	PPP	0.7	2.0	6.0	2.69 +	0.33	8.17 +	1306.	61.	1.
1889	0000	-861	37.6307	81.0569	PPP	0.8	2.2	6.5	2.69 +	0.34	7.99 +	1395.	62.	1.
1890	0000	-861	37.6307	81.0575	PPP	0.9	2.5 +	6.7	2.80 +	0.37 +	7.59	1478.	59.	0.
1891	0000	-861	37.6307	81.0581	PPP	0.9	2.5 +	7.2	2.69 +	0.35	7.89	1561.	57.	0.
1892	0000	-862	37.6307	81.0588	PPP	1.0	2.7 +	7.1	2.79 +	0.39 +	7.32	1641.	60.	0.
1893	0000	-865	37.6308	81.0593	PPP	1.1	2.8 +	7.6	2.67 +	0.37 +	7.15	1702.	59.	0.
1894	0000	-860	37.6308	81.0600	PPP	1.1	2.8 +	7.5	2.52 +	0.38 +	6.68	1735.	60.	0.
1895	0000	-858	37.6308	81.0606	PPP	1.1	2.9 +	7.6	2.56 +	0.37 +	6.85	1735.	60.	1.
1896	0000	-863	37.6308	81.0613	PPP	1.1	2.5 +	8.1 +	2.31	0.31	7.37	1705.	57.	2.
1897	0000	-359	37.6308	81.0618	PPP	1.1	2.4 +	8.3 +	2.26	0.29	7.79	1662.	58.	3.
1898	0000	-858	37.6308	81.0624	PPP	1.0	2.3	7.8	2.26	0.29	7.70	1604.	57.	4.
1899	0000	-861	37.6308	81.0630	PPP	0.9	2.1	8.1 +	2.19	0.25	8.59 +	1544.	56.	4.
1900	0000	-857	37.6309	81.0637	PPP	0.9	1.9	7.7	2.19	0.25	8.75 +	1493.	56.	4.
1901	0000	-855	37.6309	81.0643	PPP	0.9	1.7	7.3	1.98	0.24	8.37 +	1463.	58.	5.
1902	0000	-857	37.6309	81.0649	PPP	0.9	1.9	6.8	2.25	0.29	7.90	1454.	58.	4.
1903	0000	-853	37.6309	81.0656	PPP	0.9	2.0	6.3	2.23	0.31	7.15	1451.	59.	3.
1904	0000	-855	37.6309	81.0662	PPP	0.9	1.8	6.5	2.00	0.28	7.06	1454.	60.	2.
1905	0000	-860	37.6309	81.0668	PPP	1.0	1.9	7.0	1.91	0.27	7.10	1490.	62.	1.
1906	0000	-856	37.6309	81.0674	PPP	1.0	1.7	7.0	1.67	0.25	6.66	1516.	64.	1.
1907	0000	-852	37.6309	81.0680	PPP	1.1	1.8	7.6	1.63	0.23	6.95	1546.	63.	1.
1908	0000	-853	37.6310	81.0686	PPP	1.1	1.8	8.2 +	1.64	0.22	7.33	1562.	63.	1.
1909	0000	-850	37.6310	81.0692	PPP	1.1	1.7	8.6 +	1.53	0.20 -	7.79	1570.	62.	2.
1910	0000	-847	37.6310	81.0698	PPP	1.1	1.7	8.5 +	1.57	0.20 -	7.76	1581.	63.	3.
1911	0000	-850	37.6310	81.0705	PPNR	1.1	1.7	8.8 ++	1.59	0.19 -	8.29 +	1597.	62.	4.
1912	0000	-852	37.6310	81.0710	PPNR	1.0	1.6	8.5 +	1.52	0.18 -	8.29 +	1592.	60.	6.
1913	0000	-850	37.6310	81.0717	PPNR	0.9	1.9	8.5 +	1.95	0.22	8.97 +	1591.	58.	8.
1914	0000	-847	37.6310	81.0723	PPNR	0.9	1.8	7.8 +	1.90	0.23	8.42 +	1556.	60.	10.
1915	0000	-850	37.6311	81.0729	PPNR	0.9	1.7	7.6 +	1.92	0.22	8.77 +	1510.	59.	11.
1916	0000	-851	37.6311	81.0735	PPNR	0.8	1.4	7.3	1.82	0.20 -	9.20 +	1445.	59.	13.
1917	0000	-845	37.6311	81.0742	PPNR	0.7	1.3	7.2	1.72	0.18 -	9.60 +	1375.	58.	14.
1918	0000	-844	37.6311	81.0748	PPNR	0.7	1.4	6.4	1.93	0.21	9.06 +	1312.	58.	14.
1919	0000	-847	37.6312	81.0754	PPNR	0.7	1.3	6.2	1.97	0.22	9.16 +	1242.	60.	14.
1920	0000	-845	37.6312	81.0760	PPNR	0.7	1.1 -	6.0	1.68	0.19 -	8.93 +	1188.	63.	12.
1921	0000	-844	37.6312	81.0766	PPNR	0.6 -	1.2	6.1	1.99	0.20 -	10.03 ++	1154.	63.	11.
1922	0000	-845	37.6312	81.0773	PPNR	0.6 -	1.2	5.8	2.18	0.21	10.15 ++	1126.	63.	11.
1923	0000	-840	37.6312	81.0779	PPNR	0.6 -	1.3	5.4	2.16	0.24	9.11 +	1111.	61.	10.
1924	0000	-835	37.6312	81.0785	PPNR	0.6 -	1.3	5.5	2.23	0.24	9.40 +	1097.	60.	8.
1925	0000	-838	37.6312	81.0791	PPNR	0.6 -	1.1 -	5.2	2.01	0.22	9.33 +	1064.	60.	8.
1926	0000	-841	37.6313	81.0797	PPNR	0.5 -	1.3	5.0	2.52	0.27	9.49 +	1056.	59.	7.
1927	0000	-838	37.6313	81.0803	PPNR	0.5 -	1.5	4.5 -	3.04 +	0.34	8.82 +	1025.	57.	7.
1928	0000	-837	37.6313	81.0810	PPNR	0.5 -	1.5	4.2 -	2.87 +	0.36	7.95 +	1007.	57.	6.
1929	0000	-838	37.6313	81.0815	PPNR	0.5 -	1.5	4.0 -	2.95 +	0.36	8.15 +	961.	58.	6.
1930	0000	-838	37.6313	81.0822	PPNR	0.5 -	1.4	4.1 -	3.10 +	0.34	8.99 +	936.	59.	6.
1931	0000	-841	37.6313	81.0828	PPNR	0.4 -	1.7	3.9 -	3.83 ++	0.43 +	8.85 +	955.	58.	4.
1932	0000	-840	37.6313	81.0834	PPNR	0.5 -	1.8	4.0 -	3.44 +	0.46 +	7.50	980.	58.	3.
1933	0000	-832	37.6313	81.0840	PPNR	0.6 -	1.7	4.1 -	2.97 +	0.41 +	7.24	973.	57.	3.
1934	0000	-831	37.6314	81.0846	PPNR	0.6 -	1.5	4.2 -	2.63 +	0.36	7.34	988.	56.	3.
1935	0000	-834	37.6314	81.0853	PPNR	0.6 -	1.4	4.2 -	2.60 +	0.34	7.60	978.	55.	3.
1936	0000	-833	37.6314	81.0858	PPNR	0.6 -	1.4	4.7	2.56 +	0.31	8.38 +	1003.	56.	2.
1937	0000	-832	37.6314	81.0865	PPNR	0.6 -	1.4	4.8	2.33	0.29	8.17 +	1017.	57.	2.
1938	0000	-834	37.6314	81.0871	PPNR	0.6 -	1.3	4.7	2.30	0.28	8.12 +	1030.	58.	3.

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FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-833	37.6314	81.0877	PPNR	0.5 -	1.3	4.7	2.57 +	0.28	8.94 +	1025.	60.	3.
1940	0000	-831	37.6314	81.0883	PPNR	0.5 -	1.4	4.4 -	2.94 +	0.33	9.01 +	1025.	60.	3.
1941	0000	-833	37.6315	81.0890	PPNR	0.5 -	1.5	4.3 -	3.14 +	0.35	8.89 +	1018.	62.	4.
1942	0000	-834	37.6315	81.0896	PPNR	0.5 -	1.4	4.4 -	3.15 +	0.33	9.59 +	1023.	62.	5.
1943	0000	-831	37.6315	81.0902	PPNR	0.4 -	1.7	4.2 -	4.10 ++	0.40 +	10.22 ++	1024.	60.	5.
1944	0000	-826	37.6315	81.0907	PPNR	0.4 -	1.8	4.2 -	4.68 ++	0.44 +	10.60 ++	1016.	58.	5.
1945	0000	-826	37.6315	81.0914	PPNR	0.4 -	1.7	4.3 -	4.38 ++	0.40 +	10.92 ++	982.	60.	6.
1946	0000	-830	37.6315	81.0920	PPNR	0.4 -	1.7	4.2 -	4.20 ++	0.40 +	10.51 ++	967.	59.	6.
1947	0000	-830	37.6315	81.0927	PPNR	0.4 -	1.6	4.5 -	4.22 ++	0.37	11.51 ++	954.	59.	6.
1948	0000	-828	37.6315	81.0933	PPNR	0.4 -	1.6	4.7	4.21 ++	0.35	11.89 +++	952.	57.	4.
1949	0000	-827	37.6316	81.0939	PPNR	0.4 -	1.7	4.5 -	4.18 ++	0.38 +	11.12 ++	937.	60.	3.
1950	0000	-824	37.6316	81.0945	PPNR	0.4 -	1.5	4.6	3.41 +	0.33	10.30 ++	933.	60.	3.
1951	0000	-823	37.6316	81.0951	PPNR	0.5 -	1.4	4.8	2.87 +	0.29	9.91 ++	930.	59.	2.
1952	0000	-823	37.6317	81.0958	PPNR	0.5 -	1.2	4.8	2.43	0.26	9.42 +	921.	59.	2.
1953	0000	-823	37.6317	81.0963	PPNR	0.5 -	1.1 -	5.1	2.22	0.23	9.83 ++	903.	56.	2.
1954	0000	-827	37.6317	81.0970	PPNR	0.5 -	1.0 -	4.7	2.00	0.22	9.05 +	883.	57.	3.
1955	0000	-827	37.6317	81.0976	PPNR	0.5 -	0.9 -	4.5 -	1.80	0.20 -	8.80 +	854.	59.	4.
1956	0000	-824	37.6317	81.0982	PPNR	0.5 -	0.9 -	4.7	1.81	0.19 -	9.45 +	863.	55.	4.
1957	0000	-824	37.6317	81.0988	PPNR	0.5 -	0.8 -	4.7	1.60	0.17 -	9.20 +	847.	55.	4.
1958	0000	-825	37.6317	81.0994	PPNR	0.5 -	0.8 -	4.4 -	1.54	0.18 -	8.32 +	855.	57.	5.
1959	0000	-819	37.6317	81.1001	PPNR	0.5 -	1.1 -	4.4 -	2.26	0.25	8.98 +	890.	56.	4.
1960	0000	-815	37.6318	81.1007	PPNR	0.5 -	1.4	4.5 -	3.07 +	0.32	9.57 +	928.	57.	4.
1961	0000	-819	37.6318	81.1012	PPNR	0.5 -	1.4	4.9	2.94 +	0.29	10.09 ++	978.	55.	4.
1962	0000	-819	37.6318	81.1019	PPNR	0.5 -	1.5	5.5	2.89 +	0.28	10.51 ++	1038.	53.	4.
1963	0000	-818	37.6318	81.1026	PPNR	0.6 -	1.4	5.5	2.50	0.26	9.77 ++	1091.	54.	4.
1964	0000	-818	37.6318	81.1031	PPNR	0.6 -	1.6	5.7	2.79 +	0.29	9.79 ++	1179.	54.	5.
1965	0000	-815	37.6318	81.1038	PPNR	0.6 -	1.8	6.1	2.93 +	0.29	10.09 ++	1256.	53.	5.
1966	0000	-815	37.6318	81.1044	PPNR	0.7	1.6	6.3	2.10	0.25	8.53 +	1327.	53.	6.
1967	0000	-817	37.6319	81.1050	PPNR	0.8	1.4	6.8	1.67	0.21 -	8.10 +	1405.	54.	6.
1968	0000	-814	37.6319	81.1056	PPNR	0.9	1.5	6.9	1.70	0.22	7.61	1483.	55.	6.
1969	0000	-815	37.6319	81.1062	PPNR	1.0	1.8	7.1	1.85	0.26	7.24	1551.	52.	6.
1970	0000	-816	37.6319	81.1068	PPNR	1.0	2.1	7.5 +	2.02	0.27	7.42	1609.	54.	5.
1971	0000	-811	37.6319	81.1075	PPNR	1.1	2.2	7.7 +	2.07	0.29	7.24	1632.	53.	4.
1972	0000	-810	37.6319	81.1080	PPNR	1.1	2.0	7.8 +	1.92	0.26	7.38	1607.	53.	3.
1973	0000	-814	37.6319	81.1087	PPNR	1.0	2.2	7.8 +	2.16	0.28	7.80	1573.	52.	2.
1974	0000	-813	37.6319	81.1093	PPNR	1.0	2.1	7.4 +	2.20	0.29	7.64	1530.	51.	2.
1975	0000	-812	37.6320	81.1099	PPNR	0.9	2.2	7.3	2.29	0.30	7.74	1503.	52.	1.
1976	0000	-811	37.6320	81.1105	PPNR	1.0	2.1	7.1	2.18	0.30	7.34	1495.	53.	1.
1977	0000	-808	37.6320	81.1111	PPNR	1.0	2.2	6.7	2.27	0.33	6.94	1488.	52.	2.
1978	0000	-807	37.6320	81.1117	PPNR	1.0	1.8	6.8	1.77	0.27	6.67	1499.	53.	3.
1979	0000	-804	37.6320	81.1124	PPNR	1.1	1.7	6.9	1.61	0.25	6.40	1545.	55.	5.
1980	0000	-802	37.6320	81.1129	PPNR	1.1	1.8	7.2	1.59	0.25	6.27	1590.	56.	6.
1981	0000	-802	37.6320	81.1135	PPNR	1.2	2.0	7.2	1.64	0.27	6.01	1637.	59.	8.
1982	0000	-803	37.6320	81.1141	PPNR	1.2	1.8	7.6 +	1.46	0.24	6.23	1679.	60.	9.
1983	0000	-808	37.6320	81.1147	PPNR	1.3 +	1.6	7.6 +	1.26 -	0.21 -	6.05	1708.	62.	10.
1984	0000	-812	37.6320	81.1152	PPNR	1.3 +	1.5	8.0 +	1.17 -	0.19 -	6.21	1732.	62.	10.
1985	0000	-810	37.6319	81.1158	PPNR	1.2	1.8	7.8 +	1.47	0.23	6.28	1747.	62.	8.
1986	0000	-807	37.6319	81.1165	PPNR	1.2 +	2.0	8.1 +	1.64	0.25	6.49	1782.	61.	6.
1987	0000	-807	37.6319	81.1171	PPNR	1.3 +	2.1	8.0 +	1.64	0.26	6.29	1813.	62.	5.
1988	0000	-807	37.6319	81.1176	PPNR	1.3 +	2.0	8.5 +	1.57	0.24	6.62	1844.	59.	3.
1989	0000	-808	37.6319	81.1182	PPNR	1.3 +	2.1	8.4 +	1.59	0.25	6.64	1838.	58.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-806	37.6319	81.1188	PPNR	1.2	2.2	8.4 +	1.83	0.26	7.33	1810.	59.	1.
1991	0000	-805	37.6319	81.1194	PPNR	1.2	2.2	8.4 +	1.85	0.26	7.14	1770.	62.	1.
1992	0000	-806	37.6319	81.1199	PPNR	1.2	2.1	8.5 +	1.83	0.25	7.35	1731.	60.	1.
1993	0000	-806	37.6319	81.1205	PPNR	1.1	2.1	7.9 +	1.89	0.27	7.13	1667.	61.	1.
1994	0000	-805	37.6319	81.1212	PPNR	1.0	1.9	7.8 +	1.84	0.24	7.55	1582.	64.	0.
1995	0000	-803	37.6319	81.1217	PPNR	1.0	1.8	7.3	1.89	0.25	7.44	1521.	65.	0.
1996	0000	-802	37.6319	81.1223	PPNR	0.9	2.0	7.2	2.06	0.27	7.55	1495.	66.	0.
1997	0000	-803	37.6318	81.1229	PPNR	1.0	1.9	7.3	1.86	0.25	7.33	1503.	63.	0.
1998	0000	-799	37.6318	81.1235	PPNR	1.1	2.0	7.1	1.84	0.28	6.66	1537.	59.	0.
1999	0000	-795	37.6318	81.1241	PPNR	1.1	2.0	7.1	1.74	0.28	6.20	1577.	60.	0.
2000	0000	-798	37.6318	81.1246	PPNR	1.2	2.0	6.9	1.64	0.28	5.79	1604.	63.	1.
2001	0000	-803	37.6318	81.1252	PPNR	1.2	2.0	7.0	1.69	0.28	6.00	1605.	60.	2.
2002	0000	-804	37.6318	81.1259	PPNR	1.2	2.0	6.9	1.70	0.29	5.92	1563.	59.	2.
2003	0000	-802	37.6317	81.1264	PPNR	1.1	1.8	6.3	1.57	0.28	5.54	1508.	59.	3.
2004	0000	-799	37.6317	81.1270	PPNR	1.1	1.8	6.0	1.71	0.30	5.64	1457.	61.	3.
2005	0000	-798	37.6317	81.1277	PPNR	1.0	1.7	5.8	1.70	0.29	5.80	1392.	65.	4.
2006	0000	-802	37.6317	81.1282	PPNR	0.9	1.7	5.4	1.84	0.30	6.04	1333.	64.	5.
2007	0000	-804	37.6317	81.1288	PPNR	0.9	1.7	5.3	1.97	0.32	5.09	1306.	61.	4.
2008	0000	-800	37.6317	81.1293	PPNR	0.9	1.8	5.3	1.89	0.34	5.61	1354.	63.	5.
2009	0000	-799	37.6317	81.1300	PPNR	1.0	1.9	5.7	1.89	0.33	5.78	1424.	63.	5.
2010	0000	-799	37.6317	81.1306	PPNR	1.0	2.0	6.0	1.94	0.33	5.83	1490.	65.	5.
2011	0000	-800	37.6317	81.1311	PPNR	1.0	1.8	6.2	1.73	0.29	5.96	1497.	66.	6.
2012	0000	-801	37.6317	81.1317	PPNR	1.0	1.7	6.3	1.67	0.27	6.17	1484.	65.	7.
2013	0000	-802	37.6317	81.1323	PPNR	1.0	1.5	6.4	1.47	0.24	6.13	1460.	65.	7.
2014	0000	-803	37.6317	81.1329	PPNR	1.0	1.5	6.7	1.54	0.23	6.70	1430.	64.	8.
2015	0000	-800	37.6316	81.1335	PPNR	1.0	1.5	6.2	1.54	0.24	6.53	1375.	63.	9.
2016	0000	-797	37.6316	81.1340	PPNR	0.9	1.3	6.0	1.49	0.22	6.75	1319.	63.	10.
2017	0000	-801	37.6316	81.1347	PPNR	0.9	1.1 -	5.9	1.24 -	0.19 -	6.48	1264.	59.	10.
2018	0000	-804	37.6316	81.1353	PPNR	0.9	1.3	5.6	1.52	0.24	6.47	1234.	59.	9.
2019	0000	-800	37.6316	81.1358	PPNR	0.8	1.3	5.5	1.59	0.24	6.58	1236.	57.	8.
2020	0000	-800	37.6316	81.1364	PPNR	0.9	1.4	5.4	1.68	0.26	6.40	1259.	56.	8.
2021	0000	-801	37.6316	81.1370	PPNR	0.9	1.5	5.7	1.72	0.27	6.44	1301.	55.	6.
2022	0000	-800	37.6316	81.1376	PPNR	0.9	1.5	6.2	1.74	0.25	7.04	1327.	54.	5.
2023	0000	-799	37.6316	81.1382	PPNR	0.9	1.5	6.4	1.66	0.24	7.02	1354.	53.	4.
2024	0000	-798	37.6316	81.1387	PPNR	0.9	1.7	6.7	1.94	0.26	7.48	1400.	57.	3.
2025	0000	-801	37.6316	81.1394	PPNR	0.9	2.0	6.7	2.09	0.30	7.05	1461.	57.	3.
2026	0000	-804	37.6316	81.1400	PPNR	1.0	2.1	7.1	2.08	0.30	7.00	1527.	59.	3.
2027	0000	-801	37.6316	81.1405	PPNR	1.0	2.2	7.4 +	2.08	0.29	7.20	1557.	57.	2.
2028	0000	-800	37.6315	81.1411	PPNR	1.0	1.9	7.3	1.91	0.27	7.13	1532.	59.	2.
2029	0000	-802	37.6315	81.1417	PPNR	1.0	2.0	6.9	1.89	0.28	6.66	1524.	62.	2.
2030	0000	-801	37.6315	81.1423	PPNR	1.0	2.1	6.6	1.99	0.32	6.25	1506.	62.	2.
2031	0000	-802	37.6315	81.1428	PPNR	1.0	2.1	6.2	2.10	0.33	6.30	1450.	61.	2.
2032	0000	-804	37.6315	81.1434	PPNR	0.9	1.9	6.2	1.98	0.30	6.56	1385.	59.	2.
2033	0000	-803	37.6315	81.1441	PPNR	0.9	1.7	5.8	1.94	0.29	6.72	1293.	59.	3.
2034	0000	-802	37.6314	81.1446	PPNR	0.8	1.6	5.4	2.06	0.30	6.90	1223.	58.	3.
2035	0000	-802	37.6314	81.1452	PPNR	0.8	1.5	4.9	2.00	0.31	6.44	1175.	59.	4.
2036	0000	-801	37.6314	81.1458	PPNR	0.7	1.4	4.8	2.00	0.30	6.74	1146.	59.	5.
2037	0000	-801	37.6314	81.1464	PPNR	0.7	1.3	4.8	1.80	0.26	6.92	1115.	60.	5.
2038	0000	-806	37.6314	81.1470	PPNR	0.7	1.0 -	4.9	1.45	0.20 -	7.15	1095.	59.	6.
2039	0000	-808	37.6314	81.1475	PPNR	0.6	1.1 -	4.7	1.68	0.23	7.26	1057.	62.	7.
2040	0000	-805	37.6314	81.1482	PPNR	0.6 -	1.0 -	4.3 -	1.60	0.23	6.93	1026.	63.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-806	37.6314	81.1488	PPNR	0.6 -	1.0 -	4.0 -	1.57	0.24	6.49	988.	64.	8.
2042	0000	-807	37.6314	81.1493	PPNR	0.6 -	1.0 -	4.2 -	1.74	0.24	7.21	951.	62.	8.
2043	0000	-807	37.6314	81.1499	PPNR	0.5 -	0.9 -	3.8 -	1.68	0.23	7.26	888.	61.	8.
2044	0000	-807	37.6314	81.1505	PPNR	0.5 -	0.8 -	3.9 -	1.78	0.21	8.36 +	857.	61.	8.
2045	0000	-804	37.6314	81.1511	PPNR	0.5 -	0.8 -	3.6 -	1.62	0.22	7.29	851.	63.	8.
2046	0000	-803	37.6313	81.1517	PPNR	0.5 -	0.5 --	3.7 -	1.00 -	0.14 --	6.89	874.	58.	9.
2047	0000	-804	37.6313	81.1522	PPNR	0.5 -	0.7 -	3.8 -	1.26 -	0.18 -	6.91	891.	58.	8.
2048	0000	-806	37.6313	81.1529	PPNR	0.6 -	0.7 -	4.2 -	1.16 -	0.16 --	7.36	919.	57.	7.
2049	0000	-807	37.6313	81.1535	PPNR	0.6 -	0.8 -	4.2 -	1.28 -	0.19 -	6.78	954.	57.	6.
2050	0000	-803	37.6313	81.1540	PPNR	0.6	0.9 -	4.4 -	1.44	0.21	6.75	984.	57.	5.
2051	0000	-798	37.6313	81.1546	PPNR	0.6	1.1 -	4.2 -	1.64	0.25	6.60	999.	55.	3.
2052	0000	-796	37.6313	81.1552	PPNR	0.7	1.1 -	4.3 -	1.74	0.27	6.54	1016.	53.	2.
2053	0000	-797	37.6313	81.1558	PPNR	0.7	1.3	4.7	1.88	0.28	6.63	1045.	55.	2.
2054	0000	-800	37.6313	81.1564	PPNR	0.8	1.5	4.7	1.98	0.32	6.20	1101.	54.	1.
2055	0000	-800	37.6312	81.1569	PPNR	0.8	1.6	4.7	1.91	0.33	5.83	1162.	56.	2.
2056	0000	-800	37.6312	81.1576	PPNR	0.9	1.6	5.6	1.79	0.28	6.49	1259.	56.	4.
2057	0000	-802	37.6312	81.1582	PPNR	1.0	1.6	6.5	1.67	0.25	6.67	1401.	54.	5.
2058	0000	-804	37.6312	81.1587	PPNR	1.2	1.5	7.0	1.21 -	0.21	5.67	1562.	56.	8.
2059	0000	-806	37.6312	81.1593	PPNR	1.4 +	1.5	8.0 +	1.03 -	0.18 -	5.73	1732.	58.	10.
2060	0000	-806	37.6312	81.1599	PPNR	1.6 ++	1.4	8.9 ++	0.90 --	0.16 -	5.56	1901.	56.	12.
2061	0000	-805	37.6312	81.1605	PPNR	1.7 ++	1.4	9.4 ++	0.82 --	0.15 --	5.48	2014.	59.	13.
2062	0000	-808	37.6312	81.1611	PPNR	1.8 ++	1.6	10.0 ++	0.89 --	0.16 --	5.71	2073.	60.	12.
2063	0000	-810	37.6312	81.1616	PPNR	1.7 ++	1.6	9.7 ++	0.92 --	0.16 -	5.70	2046.	61.	11.
2064	0000	-809	37.6311	81.1623	PPNR	1.6 ++	1.6	9.2 ++	0.99 -	0.17 -	5.71	1943.	61.	10.
2065	0000	-807	37.6311	81.1629	PPNR	1.3 +	1.9	8.7 +	1.40	0.21	6.57	1794.	61.	8.
2066	0000	-807	37.6311	81.1634	PPNR	1.2	2.0	7.7 +	1.72	0.26	6.71	1620.	61.	6.
2067	0000	-810	37.6311	81.1640	PPNR	0.9	2.0	6.9	2.22	0.29	7.59	1450.	62.	3.
2068	0000	-809	37.6311	81.1646	PPNR	0.8	1.8	6.5	2.32	0.28	8.32 +	1308.	60.	2.
2069	0000	-808	37.6311	81.1652	PPNR	0.7	1.7	5.7	2.50	0.30	8.28 +	1203.	63.	1.
2070	0000	-810	37.6311	81.1657	PPNR	0.6	1.9	5.2	2.95 +	0.36	8.17 +	1163.	62.	1.
2071	0000	-811	37.6311	81.1664	PPNR	0.7	1.7	5.0	2.63 +	0.34	7.62	1145.	64.	2.
2072	0000	-811	37.6311	81.1670	PPNR	0.7	1.6	5.0	2.23	0.33	6.78	1164.	64.	3.
2073	0000	-811	37.6311	81.1676	PPNR	0.8	1.5	5.4	2.01	0.28	7.11	1195.	62.	4.
2074	0000	-812	37.6311	81.1681	PPNR	0.8	1.7	5.4	2.11	0.32	6.64	1239.	63.	5.
2075	0000	-814	37.6311	81.1687	PPNR	0.9	1.8	5.8	2.02	0.32	6.35	1365.	62.	6.
2076	0000	-812	37.6311	81.1693	PPNR	1.1	1.9	6.3	1.75	0.31	5.64	1516.	60.	7.
2077	0000	-811	37.6310	81.1699	PPNR	1.3 +	1.8	6.7	1.38	0.27	5.10 -	1659.	60.	8.
2078	0000	-813	37.6310	81.1704	PPNR	1.5 +	2.3	7.4 +	1.50	0.30	4.96 -	1861.	58.	7.
2079	0000	-815	37.6310	81.1711	PPNR	1.7 ++	2.6 +	8.0 +	1.55	0.32	4.83 -	2051.	57.	7.
2080	0000	-818	37.6310	81.1717	PPNR	1.8 ++	3.1 ++	8.4 +	1.69	0.37	4.61 -	2215.	58.	6.
2081	0000	-819	37.6310	81.1722	PPNR	2.0 +++	3.1 ++	9.1 ++	1.55	0.34	4.60 -	2349.	57.	5.
2082	0000	-818	37.6310	81.1728	PPNR	2.1 +++	3.3 ++	9.7 ++	1.59	0.34	4.72 -	2387.	59.	4.
2083	0000	-817	37.6310	81.1734	PPNR	2.0 +++	3.3 ++	9.9 ++	1.70	0.34	5.05 -	2390.	56.	3.
2084	0000	-819	37.6309	81.1740	PPNR	2.0 +++	3.2 ++	10.1 ++	1.64	0.32	5.13 -	2362.	56.	2.
2085	0000	-816	37.6309	81.1746	PPNR	1.9 +++	3.1 ++	9.9 ++	1.66	0.32	5.25 -	2294.	56.	2.
2086	0000	-815	37.6309	81.1751	PPNR	1.9 +++	2.6 +	9.6 ++	1.40	0.27	5.11 -	2247.	56.	4.
2087	0000	-817	37.6309	81.1758	PPNR	1.9 +++	2.4 +	9.6 ++	1.28 -	0.25	5.17 -	2198.	55.	4.
2088	0000	-817	37.6309	81.1764	PPNR	1.8 ++	2.2	9.3 ++	1.22 -	0.24	5.19 -	2132.	54.	5.
2089	0000	-819	37.6309	81.1769	PPNR	1.7 ++	2.1	8.6 +	1.20 -	0.24	5.01 -	2074.	52.	6.
2090	0000	-824	37.6309	81.1775	PPNR	1.7 ++	2.0	8.3 +	1.16 -	0.24	4.82 -	2033.	55.	7.
2091	0000	-823	37.6309	81.1781	PPNR	1.7 ++	2.0	8.0 +	1.18 -	0.24	4.84 -	1970.	56.	6.

CP 9 LP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-822	37.6309	81.1787	PPNR	1.6 ++	1.8	7.7 +	1.09 -	0.23	4.75 -	1887.	57.	7.
2093	0000	-824	37.6309	81.1793	PPNR	1.5 +	1.8	7.5 +	1.22 -	0.23	5.19 -	1740.	60.	6.
2094	0000	-821	37.6309	81.1798	PPNR	1.3 +	1.6	6.9	1.20 -	0.23	5.28 -	1592.	59.	6.
2095	0000	-818	37.6308	81.1805	PPNR	1.2	1.5	6.2	1.28 -	0.24	5.29 -	1447.	60.	5.
2096	0000	-820	37.6308	81.1811	PPNR	1.1	1.4	5.9	1.30 -	0.23	5.62	1336.	59.	4.
2097	0000	-823	37.6308	81.1816	PPNR	1.0	1.3	5.9	1.30 -	0.22	6.02	1253.	56.	4.
2098	0000	-822	37.6308	81.1822	PPNR	0.9	1.6	5.5	1.73	0.28	6.13	1228.	57.	4.
2099	0000	-820	37.6308	81.1828	PPNR	1.0	1.5	5.7	1.59	0.27	5.97	1259.	57.	3.
2100	0000	-822	37.6308	81.1834	PPNR	1.1	1.6	6.2	1.45	0.25	5.75	1350.	57.	3.
2101	0000	-822	37.6308	81.1840	PPNR	1.2	1.6	6.5	1.36	0.25	5.38 -	1462.	59.	3.
2102	0000	-821	37.6308	81.1846	PPNR	1.3 +	1.8	7.1	1.39	0.26	5.41	1592.	60.	2.
2103	0000	-826	37.6308	81.1852	PPNR	1.4 +	1.8	7.7 +	1.23 -	0.23	5.38 -	1702.	61.	3.
2104	0000	-827	37.6308	81.1858	PPNR	1.5 +	2.0	7.8 +	1.29 -	0.25	5.14 -	1771.	65.	3.
2105	0000	-826	37.6308	81.1863	PPNR	1.6 ++	1.8	8.5 +	1.17 -	0.22	5.40 -	1826.	65.	3.
2106	0000	-827	37.6308	81.1869	PPNR	1.5 ++	2.1	8.5 +	1.33	0.24	5.53	1839.	65.	3.
2107	0000	-828	37.6307	81.1875	PPNR	1.5 +	2.4 +	8.5 +	1.64	0.28	5.83	1834.	61.	3.
2108	0000	-828	37.6307	81.1881	PPNR	1.4 +	2.3 +	8.3 +	1.68	0.28	5.96	1825.	61.	3.
2109	0000	-825	37.6307	81.1886	PPNR	1.4 +	2.4 +	8.4 +	1.74	0.28	6.19	1807.	58.	3.
2110	0000	-825	37.6307	81.1893	PPNR	1.3 +	2.5 +	8.3 +	1.90	0.30	6.27	1808.	57.	3.
2111	0000	-829	37.6307	81.1899	PPNR	1.4 +	2.3 +	8.8 ++	1.71	0.26	6.48	1820.	54.	3.
2112	0000	-826	37.6307	81.1905	PPNR	1.4 +	2.2	8.6 +	1.59	0.26	6.21	1812.	51.	5.
2113	0000	-822	37.6306	81.1910	PPNR	1.3 +	1.9	8.8 ++	1.41	0.21	6.63	1794.	51.	6.
2114	0000	-824	37.6306	81.1916	PPNR	1.4 +	1.6	8.7 +	1.17 -	0.18 -	6.35	1779.	54.	7.
2115	0000	-828	37.6306	81.1922	PPNR	1.4 +	1.5	9.0 ++	1.10 -	0.17 -	6.55	1746.	53.	8.
2116	0000	-830	37.6306	81.1928	PPNR	1.4 +	1.4	8.7 +	1.05 -	0.17 -	6.31	1719.	54.	9.
2117	0000	-826	37.6306	81.1933	PPNR	1.3 +	1.2	8.4 +	0.90 --	0.14 --	6.27	1679.	53.	10.
2118	0000	-829	37.6306	81.1940	PPNR	1.3 +	1.2	8.2 +	0.93 --	0.15 --	6.40	1639.	54.	11.
2119	0000	-834	37.6306	81.1946	PPNR	1.2	1.2 -	8.2 +	0.94 --	0.14 --	6.68	1631.	56.	11.
2120	0000	-831	37.6306	81.1951	PPNR	1.2	1.2	8.1 +	1.01 -	0.15 --	6.70	1619.	55.	10.
2121	0000	-829	37.6306	81.1957	PPNR	1.2	1.2	7.7 +	1.00 -	0.15 --	6.61	1591.	54.	10.
2122	0000	-831	37.6306	81.1963	PPNR	1.1	1.4	7.3	1.24 -	0.19 -	6.53	1587.	53.	9.
2123	0000	-832	37.6306	81.1969	PPNR	1.1	1.7	7.6 +	1.57	0.22	7.09	1612.	51.	7.
2124	0000	-832	37.6306	81.1975	PPNR	1.1	2.1	7.4 +	1.87	0.28	6.65	1619.	52.	5.
2125	0000	-831	37.6306	81.1980	PPNR	1.1	2.4 +	7.1	2.20	0.34	6.49	1629.	51.	4.
2126	0000	-831	37.6306	81.1986	PPNR	1.0	2.5 +	6.9	2.45	0.37	6.58	1600.	51.	3.
2127	0000	-833	37.6306	81.1991	PPNR	1.1	2.5 +	6.9	2.42	0.37	6.58	1576.	53.	1.
2128	0000	-833	37.6306	81.1997	PPNR	1.0	2.7 +	6.4	2.71 +	0.42 +	6.48	1537.	53.	1.
2129	0000	-836	37.6306	81.2002	PPNR	1.0	2.4 +	6.2	2.53	0.39 +	6.48	1489.	52.	2.
2130	0000	-835	37.6306	81.2008	PPNR	1.0	2.1	5.8	2.15	0.36	5.98	1424.	53.	3.
2131	0000	-833	37.6306	81.2013	PPNR	0.9	1.7	6.1	1.93	0.28	6.82	1397.	56.	5.
2132	0000	-833	37.6306	81.2018	PPNR	0.9	1.3	6.2	1.45	0.20 -	7.12	1367.	58.	6.
2133	0000	-835	37.6306	81.2024	PPNR	0.9	1.0 -	5.9	1.21 -	0.18 -	6.89	1336.	57.	9.
2134	0000	-836	37.6306	81.2029	PPNR	0.9	1.0 -	5.7	1.15 -	0.17 -	6.73	1331.	56.	10.
2135	0000	-840	37.6306	81.2034	PPNR	0.9	0.9 -	6.3	1.05 -	0.14 --	7.34	1369.	55.	11.
2136	0000	-840	37.6306	81.2040	PPNR	1.0	1.0 -	7.3	1.08 -	0.14 --	7.67	1459.	55.	11.
2137	0000	-836	37.6306	81.2045	PPNR	1.0	1.2	7.5 +	1.14 -	0.16 --	7.20	1552.	57.	11.
2138	0000	-838	37.6307	81.2051	PPNR	1.2	1.3	7.6 +	1.13 -	0.17 -	6.48	1638.	54.	11.
2139	0000	-841	37.6307	81.2056	PPNR	1.3 +	1.6	8.1 +	1.25 -	0.20 -	6.35	1737.	54.	10.
2140	0000	-840	37.6307	81.2061	PPNR	1.3 +	1.9	8.4 +	1.44	0.23	6.41	1813.	53.	9.
2141	0000	-841	37.6307	81.2067	PPNR	1.4 +	2.1	8.6 +	1.54	0.25	6.16	1880.	54.	7.
2142	0000	-841	37.6307	81.2072	PPNR	1.5 +	2.4 +	8.8 +	1.59	0.27	5.88	1930.	54.	6.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-840	37.6307	81.2077	PPNR	1.5 +	2.5 +	8.1 +	1.62	0.30	5.39 -	1920.	55.	5.
2144	0000	-839	37.6307	81.2083	PPNR	1.5 +	2.5 +	8.1 +	1.67	0.31	5.47	1881.	53.	4.
2145	0000	-838	37.6307	81.2088	PPNR	1.4 +	2.3 +	7.8 +	1.66	0.30	5.62	1775.	54.	3.
2146	0000	-839	37.6307	81.2093	PPNR	1.3 +	2.2	7.1	1.66	0.31	5.39 -	1659.	55.	2.
2147	0000	-839	37.6307	81.2099	PPNR	1.3 +	2.0	7.0	1.55	0.29	5.34 -	1605.	55.	1.
2148	0000	-839	37.6307	81.2104	PPNR	1.3 +	2.0	6.7	1.53	0.30	5.17 -	1570.	54.	1.
2149	0000	-841	37.6307	81.2110	PPNR	1.2 +	1.9	6.5	1.52	0.29	5.24 -	1535.	55.	1.
2150	0000	-844	37.6307	81.2115	PPNR	1.2	1.9	6.6	1.61	0.29	5.55	1499.	55.	2.
2151	0000	-843	37.6308	81.2120	PPNR	1.1	1.9	6.4	1.64	0.29	5.65	1466.	57.	2.
2152	0000	-843	37.6308	81.2126	PPNR	1.1	2.1	6.2	1.87	0.34	5.43	1491.	57.	2.
2153	0000	-844	37.6308	81.2130	PPNR	1.2	2.4 +	6.4	2.04	0.37	5.55	1531.	58.	2.
2154	0000	-846	37.6308	81.2137	PPNR	1.2	2.3	6.6	1.86	0.34	5.48	1597.	58.	3.
2155	0000	-847	37.6308	81.2141	PPNR	1.3 +	2.3 +	7.0	1.80	0.34	5.34 -	1657.	61.	3.
2156	0000	-848	37.6308	81.2147	PPNR	1.3 +	2.4 +	7.4 +	1.80	0.32	5.62	1696.	62.	3.
2157	0000	-849	37.6308	81.2152	PPNR	1.4 +	2.5 +	7.3	1.81	0.34	5.35 -	1722.	62.	2.
2158	0000	-847	37.6308	81.2157	PPNR	1.4 +	2.4 +	7.3	1.71	0.33	5.17 -	1736.	60.	2.
2159	0000	-844	37.6308	81.2163	PPNR	1.4 +	2.3 +	7.9 +	1.67	0.30	5.61	1734.	60.	2.
2160	0000	-843	37.6308	81.2168	PPNR	1.3 +	2.1	7.5 +	1.57	0.28	5.60	1653.	58.	1.
2161	0000	-844	37.6308	81.2174	PPNR	1.2	2.1	6.7	1.75	0.31	5.58	1506.	57.	1.
2162	0000	-845	37.6308	81.2179	PPNR	1.0	1.8	6.0	1.81	0.30	6.07	1327.	56.	1.
2163	0000	-845	37.6309	81.2185	PPNR	0.9	1.5	5.1	1.77	0.30	5.83	1175.	53.	1.
2164	0000	-844	37.6309	81.2190	PPNR	0.7	1.2	4.4 -	1.80	0.28	6.49	1029.	55.	2.
2165	0000	-842	37.6309	81.2195	PPNR	0.5 -	1.0 -	4.1 -	1.93	0.25	7.70	906.	56.	2.
2166	0000	-843	37.6309	81.2201	PPNR	0.5 -	0.8 -	3.5 -	1.73	0.22	7.75	796.	54.	4.
2167	0000	-846	37.6309	81.2206	PPNR	0.4 -	0.8 -	3.2 -	1.98	0.25	8.01 +	768.	54.	4.
2168	0000	-846	37.6309	81.2211	PPNR	0.4 -	0.8 -	3.0 --	2.01	0.27	7.44	760.	57.	5.
2169	0000	-842	37.6309	81.2217	PPNR	0.5 -	0.9 -	3.4 -	1.88	0.25	7.38	813.	58.	6.
2170	0000	-842	37.6309	81.2222	PPNR	0.5 -	0.9 -	3.7 -	1.72	0.25	7.00	901.	56.	6.
2171	0000	-843	37.6309	81.2227	PPNR	0.6	1.0 -	4.2 -	1.55	0.23	6.65	994.	55.	7.
2172	0000	-842	37.6309	81.2233	PPNR	0.8	0.9 -	4.9	1.16 -	0.18 -	6.47	1115.	54.	7.
2173	0000	-840	37.6309	81.2238	PPNR	0.9	1.0 -	5.1	1.13 -	0.19 -	5.91	1230.	53.	7.
2174	0000	-843	37.6309	81.2243	PPNR	1.0	1.0 -	5.8	0.96 -	0.16 -	5.84	1331.	53.	7.
2175	0000	-845	37.6309	81.2249	PPNR	1.1	0.9 -	6.4	0.81 --	0.14 --	5.85	1440.	50.	7.
2176	0000	-847	37.6310	81.2254	PPNR	1.2	1.0 -	6.3	0.87 --	0.16 --	5.46	1493.	49.	7.
2177	0000	-851	37.6310	81.2259	PPNR	1.2	0.9 -	6.4	0.75 --	0.14 --	5.36 -	1505.	52.	8.
2178	0000	-850	37.6310	81.2265	PPNR	1.2	0.9 -	6.4	0.70 --	0.13 --	5.20 -	1511.	50.	8.
2179	0000	-847	37.6310	81.2270	PPNR	1.2	1.0 -	6.0	0.88 ---	0.17 -	5.17 -	1483.	50.	9.
2180	0000	-848	37.6310	81.2276	PPNR	1.1	1.1 -	6.0	0.95 -	0.18 -	5.33 -	1458.	51.	9.
2181	0000	-848	37.6310	81.2281	PPNR	1.1	1.2	6.2	1.09 -	0.19 -	5.78	1442.	50.	9.
2182	0000	-850	37.6310	81.2287	PPNR	1.0	1.2	6.5	1.22 -	0.19 -	6.43	1428.	52.	8.
2183	0000	-853	37.6310	81.2292	PPNR	1.0	1.1 -	6.7	1.18 -	0.17 -	7.04	1428.	53.	9.
2184	0000	-849	37.6310	81.2297	PPNR	0.9	1.4	6.7	1.53	0.22	7.04	1461.	53.	8.
2185	0000	-845	37.6310	81.2303	PPNR	0.9	1.6	6.8	1.68	0.23	7.23	1474.	56.	8.
2186	0000	-848	37.6310	81.2307	PPNR	1.0	1.8	7.0	1.84	0.26	7.18	1517.	55.	7.
2187	0000	-850	37.6310	81.2314	PPNR	1.0	1.8	7.4 +	1.78	0.25	7.23	1561.	56.	6.
2188	0000	-847	37.6311	81.2318	PPNR	1.1	2.0	7.3	1.85	0.28	6.64	1613.	56.	6.
2189	0000	-843	37.6311	81.2324	PPNR	1.2	2.2	7.5 +	1.81	0.30	6.05	1676.	56.	5.
2190	0000	-840	37.6311	81.2329	PPNR	1.3 +	2.6 +	7.8 +	1.97	0.34	5.85	1749.	55.	3.
2191	0000	-844	37.6311	81.2334	PPNR	1.3 +	2.8 +	7.6 +	2.12	0.36	5.84	1731.	56.	3.
2192	0000	-849	37.6311	81.2340	PPNR	1.3 +	2.7 +	7.6 +	2.09	0.36	5.82	1738.	54.	2.
2193	0000	-846	37.6311	81.2345	PPP	1.3	2.6 +	7.6	2.00	0.35	5.72	1713.	54.	1.

CP 9 LP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-844	37.6311	81.2351	PPP	1.3	2.7 +	7.0	2.13	0.38 +	5.57	1665.	51.	1.
2195	0000	-847	37.6311	81.2356	PPP	1.1	2.4 +	7.1	2.12	0.35	6.16	1584.	53.	1.
2196	0000	-845	37.6311	81.2362	PPP	1.0	2.3	6.4	2.30	0.36 +	6.36	1490.	50.	1.
2197	0000	-845	37.6311	81.2367	PPP	0.9	2.0	5.9	2.17	0.34	6.37	1400.	51.	1.
2198	0000	-850	37.6311	81.2372	PPP	0.9	1.8	6.5	1.99	0.28	7.11	1394.	51.	1.
2199	0000	-847	37.6311	81.2377	PPP	0.9	1.8	6.7	1.91	0.26	7.25	1403.	51.	1.
2200	0000	-843	37.6311	81.2383	PPP	0.9	1.8	6.7	1.98	0.27	7.27	1386.	53.	1.
2201	0000	-846	37.6312	81.2388	PPP	0.9	1.9	6.5	2.13	0.29	7.38	1364.	54.	1.
2202	0000	-847	37.6312	81.2393	PPP	0.9	1.8	5.8	2.03	0.31	6.50	1321.	55.	1.
2203	0000	-843	37.6312	81.2399	PPP	0.9	1.6	5.6	1.85	0.29	6.44	1277.	58.	2.
2204	0000	-844	37.6312	81.2404	PPNR	0.8	1.6	5.5	1.93	0.29	6.68	1237.	58.	2.
2205	0000	-846	37.6312	81.2410	PPNR	0.8	1.5	4.9	1.85	0.30	6.18	1165.	59.	2.
2206	0000	-844	37.6312	81.2415	PPNR	0.7	1.6	4.3 -	2.29	0.37	6.24	1080.	60.	1.
2207	0000	-843	37.6312	81.2420	PPNR	0.6	1.6	3.8 -	2.43	0.41 +	5.94	1029.	60.	1.
2208	0000	-846	37.6312	81.2426	PPNR	0.6	1.5	3.9 -	2.44	0.39 +	6.19	1001.	61.	1.
2209	0000	-847	37.6312	81.2431	PPNR	0.6 -	1.7	3.9 -	2.89 +	0.43 +	6.72	988.	60.	1.
2210	0000	-848	37.6312	81.2436	PPNR	0.5 -	1.8	3.9 -	3.35 +	0.46 +	7.21	976.	58.	1.
2211	0000	-849	37.6312	81.2442	PPNR	0.5 -	1.8	3.6 -	3.61 ++	0.51 ++	7.06	952.	58.	2.
2212	0000	-846	37.6312	81.2447	PPNR	0.5 -	1.8	3.5 -	3.49 +	0.52 ++	6.74	956.	58.	3.
2213	0000	-845	37.6312	81.2453	PPNR	0.5 -	1.6	3.6 -	3.02 +	0.44 +	6.82	963.	57.	5.
2214	0000	-846	37.6313	81.2458	PPNR	0.5 -	1.3	4.2 -	2.57 +	0.32	7.97 +	983.	56.	6.
2215	0000	-843	37.6313	81.2464	PPNR	0.5 -	1.2	4.3 -	2.18	0.28	7.75	1016.	54.	8.
2216	0000	-843	37.6313	81.2469	PPNR	0.7	1.0 -	4.6	1.56	0.22	7.02	1102.	53.	9.
2217	0000	-846	37.6313	81.2474	PPNR	0.8	0.9 -	5.1	1.20 -	0.19 -	6.45	1204.	53.	10.
2218	0000	-845	37.6313	81.2480	PPNR	0.9	0.9 -	5.8	1.02 -	0.16 -	6.38	1313.	53.	10.
2219	0000	-846	37.6313	81.2485	PPNR	1.0	1.0 -	6.1	0.94 --	0.16 --	5.97	1432.	50.	10.
2220	0000	-847	37.6313	81.2491	PPNR	1.2	1.2	6.8	1.04 -	0.18 -	5.66	1583.	51.	9.
2221	0000	-845	37.6313	81.2495	PPNR	1.4 +	1.4	7.1	1.00 -	0.19 -	5.22 -	1721.	51.	9.
2222	0000	-844	37.6313	81.2501	PPNR	1.5 +	1.4	7.5 +	0.93 --	0.19 -	4.94 -	1857.	52.	9.
2223	0000	-843	37.6313	81.2506	PPNR	1.6 ++	1.7	8.0 +	1.05 -	0.21 -	5.05 -	1940.	54.	8.
2224	0000	-843	37.6313	81.2511	PPNR	1.6 ++	1.9	8.1 +	1.16 -	0.23	5.00 -	1981.	55.	8.
2225	0000	-847	37.6313	81.2517	PPNR	1.6 ++	1.9	8.3 +	1.21 -	0.23	5.15 -	1979.	55.	8.
2226	0000	-845	37.6314	81.2522	PPNR	1.5 ++	2.0	8.2 +	1.31 -	0.25	5.27 -	1953.	54.	7.
2227	0000	-844	37.6314	81.2528	PPNR	1.5 +	2.1	8.1 +	1.43	0.26	5.48	1905.	55.	7.
2228	0000	-848	37.6314	81.2533	PPNR	1.4 +	2.2	7.7 +	1.55	0.28	5.50	1831.	55.	6.
2229	0000	-847	37.6314	81.2538	PPNR	1.3 +	2.4 +	7.2	1.88	0.33	5.71	1712.	54.	5.
2230	0000	-845	37.6314	81.2543	PPNR	1.1	2.3 +	6.5	2.11	0.36	5.84	1595.	54.	4.
2231	0000	-844	37.6314	81.2549	PPNR	1.0	2.5 +	5.7	2.46	0.44 +	5.62	1484.	54.	3.
2232	0000	-842	37.6314	81.2554	PPNR	0.9	2.5 +	5.0	2.74 +	0.50 ++	5.51	1385.	52.	2.
2233	0000	-845	37.6314	81.2560	PPNR	0.8	2.4 +	4.6	2.90 +	0.52 ++	5.60	1276.	52.	2.
2234	0000	-843	37.6314	81.2565	PPNR	0.8	2.1	4.1 -	2.80 +	0.52 ++	5.40 -	1156.	51.	1.
2235	0000	-842	37.6314	81.2570	PPNR	0.6	2.0	3.6 -	3.26 +	0.58 ++	5.68	1053.	50.	1.
2236	0000	-847	37.6314	81.2576	PPNR	0.6 -	1.9	3.6 -	3.34 +	0.52 ++	6.40	1015.	51.	1.
2237	0000	-847	37.6314	81.2581	PPNR	0.5 -	1.7	3.7 -	3.22 +	0.47 +	6.80	978.	50.	1.
2238	0000	-844	37.6314	81.2586	PPNR	0.5 -	1.4	4.4 -	2.88 +	0.32	9.02 +	962.	48.	1.
2239	0000	-843	37.6315	81.2592	PPNR	0.5 -	1.4	4.3 -	2.90 +	0.34	8.66 +	964.	50.	2.
2240	0000	-841	37.6315	81.2597	PPNR	0.5 -	1.4	4.2 -	3.12 +	0.35	9.01 +	970.	51.	3.
2241	0000	-842	37.6315	81.2603	PPNR	0.5 -	1.4	4.4 -	2.96 +	0.32	9.19 +	961.	50.	4.
2242	0000	-847	37.6315	81.2608	PPNR	0.5 -	1.5	4.2 -	3.09 +	0.35	8.76 +	969.	49.	4.
2243	0000	-845	37.6315	81.2613	PPNR	0.5 -	1.6	4.0 -	3.11 +	0.39 +	8.01 +	957.	50.	5.
2244	0000	-841	37.6315	81.2619	PPNR	0.5 -	1.6	3.9 -	3.04 +	0.40 +	7.62	966.	53.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-842	37.6315	81.2624	PPNR	0.6 -	1.8	3.4 -	3.26 +	0.53 ++	6.12	974.	56.	7.
2246	0000	-843	37.6315	81.2630	PPNR	0.6 -	1.7	4.0 -	2.86 +	0.44 +	6.56	1019.	56.	6.
2247	0000	-841	37.6315	81.2635	PPNR	0.7	1.8	4.2 -	2.58 +	0.43 +	6.04	1087.	54.	6.
2248	0000	-843	37.6315	81.2640	PPNR	0.8	2.2	4.4 -	2.73 +	0.49 +	5.56	1203.	55.	5.
2249	0000	-845	37.6315	81.2646	PPNR	1.0	2.2	5.3	2.33	0.43 +	5.46	1328.	55.	5.
2250	0000	-842	37.6315	81.2651	PPNR	1.1	2.5 +	5.5	2.35	0.45 +	5.17 -	1414.	58.	4.
2251	0000	-842	37.6316	81.2657	PPNR	1.2	2.6 +	6.1	2.18	0.42 +	5.23 -	1505.	55.	3.
2252	0000	-843	37.6316	81.2662	PPNR	1.2	2.4 +	7.0	1.97	0.35	5.66	1586.	54.	3.
2253	0000	-842	37.6316	81.2668	PPNR	1.3 +	2.5 +	7.0	1.89	0.35	5.36 -	1634.	56.	3.
2254	0000	-842	37.6316	81.2672	PPNR	1.4 +	2.5 +	7.2	1.88	0.35	5.31 -	1681.	58.	3.
2255	0000	-840	37.6316	81.2677	PPNR	1.4 +	2.4 +	7.3	1.75	0.32	5.40 -	1707.	57.	5.
2256	0000	-840	37.6316	81.2684	PPNR	1.3 +	2.3 +	7.3	1.78	0.31	5.78	1695.	58.	6.
2257	0000	-842	37.6316	81.2688	PPNR	1.3 +	1.9	7.9 +	1.48	0.23	6.31	1739.	53.	7.
2258	0000	-840	37.6317	81.2694	PPNR	1.3 +	1.9	8.2 +	1.41	0.23	6.22	1796.	53.	8.
2259	0000	-841	37.6317	81.2699	PPNR	1.4 +	2.2	8.3 +	1.59	0.27	5.99	1864.	52.	8.
2260	0000	-846	37.6317	81.2705	PPNR	1.4 +	2.4 +	8.6 +	1.73	0.28	6.26	1886.	51.	9.
2261	0000	-845	37.6317	81.2710	PPNR	1.3 +	2.2	8.7 +	1.69	0.26	6.61	1854.	48.	8.
2262	0000	-838	37.6317	81.2715	PPNR	1.2 +	2.2	8.5 +	1.74	0.25	6.85	1802.	49.	8.
2263	0000	-838	37.6317	81.2720	PPNR	1.3 +	2.3 +	8.5 +	1.86	0.28	6.72	1802.	48.	6.
2264	0000	-839	37.6317	81.2726	PPNR	1.3 +	2.7 +	8.4 +	2.07	0.32	6.55	1794.	50.	5.
2265	0000	-838	37.6317	81.2732	PPNR	1.2	2.6 +	8.1 +	2.19	0.32	6.82	1740.	49.	4.
2266	0000	-840	37.6317	81.2736	PPNR	1.1	2.3 +	7.9 +	2.09	0.29	7.17	1661.	50.	4.
2267	0000	-838	37.6317	81.2742	PPNR	1.1	2.2	7.7 +	2.09	0.29	7.31	1622.	51.	3.
2268	0000	-836	37.6317	81.2747	PPNR	1.1	2.3 +	7.7 +	2.15	0.30	7.11	1630.	52.	2.
2269	0000	-841	37.6317	81.2753	PPNR	1.2	2.4 +	7.7 +	2.05	0.31	6.56	1672.	54.	2.
2270	0000	-843	37.6317	81.2758	PPNR	1.2	2.3 +	7.8 +	1.91	0.30	6.44	1671.	54.	2.
2271	0000	-840	37.6317	81.2763	PPNR	1.2 +	2.0	7.9 +	1.64	0.26	6.38	1668.	54.	3.
2272	0000	-838	37.6317	81.2769	PPNR	1.3 +	2.1	7.9 +	1.63	0.26	6.26	1654.	55.	3.
2273	0000	-836	37.6317	81.2774	PPNR	1.3 +	1.9	7.5 +	1.48	0.25	5.89	1626.	55.	5.
2274	0000	-836	37.6317	81.2779	PPNR	1.2 +	1.7	7.4 +	1.36	0.23	5.96	1583.	53.	6.
2275	0000	-838	37.6317	81.2785	PPNR	1.2	1.6	6.9	1.37	0.23	5.93	1514.	55.	8.
2276	0000	-839	37.6318	81.2790	PPNR	1.1	1.3	7.1	1.27 -	0.19 -	6.72	1422.	54.	8.
2277	0000	-839	37.6318	81.2796	PPNR	1.0	1.2	6.7	1.24 -	0.18 -	6.90	1396.	53.	8.
2278	0000	-836	37.6318	81.2801	PPNR	0.9	1.1 -	6.1	1.30 -	0.18 -	7.06	1262.	53.	8.
2279	0000	-839	37.6318	81.2807	PPNR	0.8	1.1 -	5.5	1.34	0.20 -	6.77	1193.	55.	8.
2280	0000	-839	37.6318	81.2812	PPNR	0.8	1.1 -	5.2	1.42	0.22	6.57	1167.	53.	7.
2281	0000	-837	37.6318	81.2817	PPNR	0.8	1.3	4.8	1.70	0.27	6.26	1149.	52.	5.
2282	0000	-841	37.6318	81.2823	PPNR	0.8	1.3	4.8	1.61	0.27	6.06	1145.	51.	4.
2283	0000	-841	37.6319	81.2828	PPNR	0.8	1.5	4.4 -	1.93	0.34	5.68	1139.	51.	3.
2284	0000	-838	37.6319	81.2834	PPNR	0.7	1.4	4.5 -	1.96	0.32	6.12	1120.	53.	3.
2285	0000	-839	37.6319	81.2839	PPNR	0.8	1.4	4.4 -	1.80	0.32	5.62	1119.	52.	3.
2286	0000	-835	37.6319	81.2844	PPNR	0.8	1.4	4.5 -	1.88	0.32	5.87	1144.	50.	4.
2287	0000	-835	37.6319	81.2850	PPNR	0.8	1.3	4.7	1.62	0.28	5.83	1161.	51.	6.
2288	0000	-840	37.6319	81.2854	PPNR	0.9	1.2	4.8	1.41	0.25	5.54	1219.	51.	9.
2289	0000	-838	37.6319	81.2860	PPNR	0.9	1.3	5.4	1.38	0.23	5.90	1296.	51.	10.
2290	0000	-837	37.6319	81.2865	PPNR	1.0	1.1 -	5.6	1.17 -	0.20 -	5.88	1349.	50.	13.
2291	0000	-837	37.6319	81.2871	PPNR	1.0	1.2 -	5.6	1.16 -	0.21 -	5.62	1408.	47.	14.
2292	0000	-836	37.6319	81.2876	PPNR	1.0	1.2 -	6.3	1.20 -	0.18 -	6.53	1460.	46.	15.
2293	0000	-838	37.6319	81.2882	PPNR	1.0	1.2	6.5	1.24 -	0.19 -	6.58	1494.	46.	15.
2294	0000	-835	37.6319	81.2887	PPNR	1.0	1.6	6.9	1.73	0.24	7.22	1561.	47.	14.
2295	0000	-832	37.6320	81.2892	PPNR	0.9	2.0	7.0	2.16	0.29	7.46	1611.	48.	12.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-833	37.6319	81.2898	PPNR	1.0	2.2	7.3	2.30	0.31	7.49	1633.	49.	11.
2297	0000	-835	37.6319	81.2903	PPNR	1.0	2.5 +	7.3	2.45	0.34	7.28	1635.	52.	8.
2298	0000	-836	37.6319	81.2908	PPP	1.0	2.7 +	7.2	2.65 +	0.37 +	7.13	1633.	52.	6.
2299	0000	-837	37.6319	81.2914	PPP	1.0	2.9 +	6.9	2.78 +	0.42 +	6.67	1632.	54.	4.
2300	0000	-837	37.6319	81.2919	PPP	1.1	2.9 ++	7.0	2.75 +	0.41 +	6.64	1644.	55.	3.
2301	0000	-835	37.6319	81.2924	PPP	1.1	2.8 +	7.0	2.64 +	0.40 +	6.65	1600.	53.	1.
2302	0000	-831	37.6320	81.2929	PPP	1.0	2.5 +	6.7	2.36	0.37 +	6.34	1532.	53.	0.
2303	0000	-830	37.6320	81.2935	PPP	1.0	2.4 +	6.1	2.51 +	0.40 +	6.33	1483.	53.	0.
2304	0000	-831	37.6320	81.2940	PPP	1.0	2.5 +	6.1	2.56 +	0.40 +	6.38	1493.	52.	0.
2305	0000	-831	37.6320	81.2946	PPP	1.0	2.4 +	6.1	2.45	0.39 +	6.23	1518.	53.	2.
2306	0000	-832	37.6320	81.2951	PPP	1.0	2.2	6.6	2.18	0.34	6.39	1538.	53.	3.
2307	0000	-834	37.6320	81.2956	PPP	1.0	2.1	6.8	2.05	0.32	6.50	1544.	52.	5.
2308	0000	-832	37.6320	81.2962	PPP	1.0	2.1	6.9	2.04	0.31	6.59	1551.	52.	6.
2309	0000	-831	37.6320	81.2967	PPP	1.0	2.0	7.1	1.93	0.28	6.90	1558.	51.	7.
2310	0000	-833	37.6320	81.2973	PPP	1.0	1.8	6.9	1.79	0.26	6.87	1548.	50.	9.
2311	0000	-832	37.6320	81.2978	PPNR	0.9	1.7	7.1	1.85	0.24	7.58	1487.	49.	9.
2312	0000	-829	37.6320	81.2984	PPNR	0.8	1.6	6.7	1.90	0.24	7.90	1393.	51.	9.
2313	0000	-832	37.6320	81.2989	PPNR	0.7	1.6	6.0	2.17	0.26	8.33 +	1294.	49.	9.
2314	0000	-832	37.6321	81.2994	PPNR	0.6	1.6	5.5	2.44	0.29	8.43 +	1214.	48.	8.
2315	0000	-829	37.6321	81.3000	PPNR	0.6 -	1.5	5.5	2.38	0.27	8.75 +	1187.	47.	7.
2316	0000	-832	37.6321	81.3005	PPNR	0.7	1.5	5.2	2.25	0.29	7.73	1186.	48.	6.
2317	0000	-833	37.6321	81.3010	PPNR	0.7	1.7	4.9	2.46	0.34	7.29	1176.	49.	5.
2318	0000	-826	37.6321	81.3016	PPNR	0.7	1.5	5.1	2.18	0.30	7.25	1186.	47.	4.
2319	0000	-828	37.6321	81.3021	PPNR	0.7	1.4	5.5	1.94	0.26	7.54	1200.	47.	3.
2320	0000	-834	37.6322	81.3027	PPNR	0.8	1.5	5.4	1.99	0.28	7.04	1230.	47.	2.
2321	0000	-830	37.6322	81.3032	PPNR	0.8	1.3	5.8	1.59	0.23	6.90	1262.	48.	2.
2322	0000	-828	37.6321	81.3037	PPNR	0.8	1.7	5.5	1.96	0.30	6.53	1288.	49.	2.
2323	0000	-830	37.6321	81.3042	PPNR	0.8	1.9	6.1	2.33	0.31	7.57	1293.	50.	1.
2324	0000	-831	37.6321	81.3048	PPNR	0.8	1.9	6.4	2.21	0.29	7.67	1299.	50.	1.
2325	0000	-835	37.6321	81.3053	PPNR	0.8	1.9	6.2	2.28	0.31	7.25	1300.	52.	1.
2326	0000	-834	37.6321	81.3058	PPNR	0.8	1.9	5.8	2.33	0.34	6.96	1295.	52.	2.
2327	0000	-827	37.6322	81.3064	PPNR	0.8	2.0	5.6	2.43	0.36	6.85	1264.	55.	3.
2328	0000	-830	37.6322	81.3069	PPNR	0.7	2.2	5.2	2.89 +	0.42 +	6.91	1226.	57.	3.
2329	0000	-830	37.6322	81.3075	PPNR	0.7	1.7	5.3	2.41	0.32	7.49	1171.	58.	5.
2330	0000	-827	37.6322	81.3080	PPNR	0.7	1.6	5.0	2.25	0.32	6.95	1147.	59.	5.
2331	0000	-829	37.6322	81.3085	PPNR	0.7	1.7	4.9	2.32	0.34	6.84	1162.	59.	6.
2332	0000	-831	37.6322	81.3091	PPNR	0.8	1.7	4.9	2.22	0.35	6.39	1222.	57.	7.
2333	0000	-830	37.6322	81.3096	PPNR	0.9	1.7	5.7	1.86	0.29	6.37	1308.	56.	7.
2334	0000	-830	37.6322	81.3101	PPNR	1.0	1.8	6.6	1.90	0.28	6.85	1429.	51.	7.
2335	0000	-829	37.6322	81.3106	PPNR	1.0	2.0	7.2	2.00	0.28	7.21	1506.	51.	7.
2336	0000	-829	37.6322	81.3112	PPNR	1.1	2.0	7.3	1.86	0.28	6.61	1571.	48.	7.
2337	0000	-828	37.6322	81.3117	PPNR	1.1	2.2	7.7 +	2.04	0.29	7.08	1605.	46.	7.
2338	0000	-828	37.6322	81.3123	PPNR	1.1	2.1	7.9 +	1.92	0.27	7.18	1622.	46.	7.
2339	0000	-827	37.6323	81.3128	PPNR	1.1	2.2	8.1 +	2.06	0.27	7.64	1641.	46.	8.
2340	0000	-827	37.6323	81.3133	PPNR	1.0	2.4 +	8.1 +	2.41	0.30	7.95 +	1683.	48.	8.
2341	0000	-828	37.6323	81.3139	PPP	1.0	2.2	8.1 +	2.17	0.28	7.84	1705.	48.	9.
2342	0000	-829	37.6323	81.3144	PPP	1.0	2.7 +	7.9	2.54 +	0.33	7.59	1770.	48.	10.
2343	0000	-826	37.6323	81.3150	PPP	1.1	2.9 ++	8.2 +	2.71 +	0.35	7.73	1841.	51.	10.
2344	0000	-827	37.6323	81.3155	PPP	1.1	2.7 +	7.7	2.38	0.35	6.83	1847.	53.	10.
2345	0000	-831	37.6323	81.3160	PPP	1.1	2.6 +	7.8	2.32	0.33	7.02	1840.	53.	9.
2346	0000	-832	37.6323	81.3165	PPP	1.1	2.6 +	8.0 +	2.36	0.32	7.30	1794.	53.	8.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-826	37.6323	81.3170	PPP	1.1	2.5 +	7.7	2.36	0.32	7.29	1730.	52.	7.
2348	0000	-825	37.6323	81.3175	PPP	1.0	2.7 +	7.2	2.65 +	0.37 +	7.18	1664.	54.	6.
2349	0000	-827	37.6323	81.3180	PPP	1.0	2.2	7.3	2.22	0.30	7.38	1602.	53.	5.
2350	0000	-826	37.6323	81.3184	PPP	1.0	2.2	7.0	2.32	0.32	7.19	1558.	54.	5.
2351	0000	-828	37.6323	81.3189	PPP	0.9	2.2	7.5	2.40	0.30	8.09 +	1576.	53.	5.
2352	0000	-832	37.6323	81.3193	PPP	1.0	2.4 +	7.3	2.53 +	0.33	7.63	1607.	50.	6.
2353	0000	-831	37.6323	81.3198	PPP	1.0	2.5 +	7.2	2.49 +	0.34	7.32	1641.	52.	6.
2354	0000	-826	37.6323	81.3203	PPNR	1.0	2.3 +	7.3	2.27	0.32	7.10	1673.	50.	7.
2355	0000	-826	37.6323	81.3207	PPNR	1.1	2.3	7.4	2.06	0.31	6.70	1734.	48.	7.
2356	0000	-831	37.6323	81.3212	PPNR	1.2	2.4 +	7.2	2.04	0.33	6.24	1804.	51.	7.
2357	0000	-831	37.6323	81.3217	PPNR	1.2	2.4 +	7.8 +	1.94	0.30	6.43	1850.	49.	7.
2358	0000	-828	37.6323	81.3221	PPNR	1.2 +	2.5 +	8.2 +	2.04	0.31	6.59	1917.	47.	6.
2359	0000	-828	37.6322	81.3227	PPNR	1.2	2.6 +	8.6 +	2.13	0.31	6.97	1956.	49.	6.
2360	0000	-827	37.6322	81.3231	PPNR	1.2	2.6 +	8.5 +	2.13	0.30	7.06	1944.	47.	6.
2361	0000	-828	37.6322	81.3236	PPNR	1.2	2.7 +	8.6 +	2.26	0.31	7.22	1901.	49.	5.
2362	0000	-831	37.6322	81.3241	PPNR	1.1	2.6 +	8.4 +	2.34	0.31	7.63	1824.	49.	4.
2363	0000	-830	37.6322	81.3245	PPNR	1.0	2.4 +	8.2 +	2.36	0.29	8.01 +	1721.	47.	5.
2364	0000	-826	37.6322	81.3250	PPNR	1.0	2.5 +	7.4 +	2.62 +	0.34	7.69	1674.	48.	4.
2365	0000	-825	37.6322	81.3254	PPNR	1.0	2.3 +	7.1	2.43	0.33	7.36	1628.	50.	4.
2366	0000	-828	37.6322	81.3260	PPNR	1.0	2.2	6.9	2.25	0.31	7.14	1595.	52.	3.
2367	0000	-829	37.6322	81.3264	PPNR	1.0	2.3	6.6	2.24	0.34	6.62	1597.	55.	2.
2368	0000	-830	37.6322	81.3269	PPNR	1.1	2.6 +	6.5	2.36	0.39 +	6.00	1676.	53.	2.
2369	0000	-827	37.6322	81.3273	PPNR	1.2	2.9 ++	6.9	2.44	0.42 +	5.85	1768.	53.	1.
2370	0000	-826	37.6322	81.3279	PPNR	1.2	3.0 ++	7.0	2.41	0.42 +	5.72	1817.	54.	0.
2371	0000	-827	37.6322	81.3283	PPNR	1.2	2.9 ++	7.1	2.39	0.41 +	5.91	1790.	55.	1.
2372	0000	-829	37.6322	81.3288	PPNR	1.1	2.9 ++	6.9	2.56	0.42 +	6.03	1762.	55.	1.
2373	0000	-829	37.6321	81.3293	PPNR	1.1	3.0 ++	6.9	2.61 +	0.43 +	6.06	1770.	51.	1.
2374	0000	-830	37.6321	81.3297	PPNR	1.2	3.1 ++	7.6 +	2.51	0.41 +	6.16	1860.	48.	1.
2375	0000	-828	37.6321	81.3302	PPNR	1.2 +	3.0 ++	8.1 +	2.43	0.37	6.55	1923.	49.	2.
2376	0000	-827	37.6321	81.3306	PPNR	1.2	3.1 ++	8.4 +	2.53	0.37	6.84	1972.	49.	3.
2377	0000	-827	37.6321	81.3312	PPNR	1.3 +	3.1 ++	8.9 ++	2.45	0.35	6.91	2061.	49.	3.
2378	0000	-827	37.6321	81.3316	PPP	1.4	3.2 ++	9.1 +	2.34	0.35	6.63	2127.	49.	4.
2379	0000	-829	37.6321	81.3321	PPP	1.4	3.2 ++	8.8 +	2.36	0.36 +	6.52	2115.	50.	5.
2380	0000	-826	37.6321	81.3326	PPP	1.3	3.1 ++	8.6 +	2.32	0.36	6.53	2073.	52.	6.
2381	0000	-823	37.6321	81.3330	PPP	1.2	2.9 +	8.0 +	2.39	0.36 +	6.67	1964.	51.	5.
2382	0000	-824	37.6321	81.3335	PPP	1.1	2.7 +	7.5	2.42	0.35	6.84	1816.	52.	5.
2383	0000	-825	37.6321	81.3340	PPP	1.0	2.4 +	6.7	2.27	0.35	6.44	1660.	54.	5.
2384	0000	-828	37.6321	81.3344	PPP	0.9	2.5 +	6.1	2.73 +	0.40 +	6.84	1517.	56.	5.
2385	0000	-831	37.6321	81.3349	PPNR	0.8	2.3 +	6.1	2.86 +	0.38 +	7.60	1416.	54.	5.
2386	0000	-830	37.6321	81.3353	PPNR	0.8	2.2	5.9	2.71 +	0.37	7.35	1376.	55.	5.
2387	0000	-829	37.6320	81.3359	PPNR	0.8	2.3 +	5.8	2.99 +	0.40 +	7.51	1343.	55.	5.
2388	0000	-829	37.6320	81.3364	PPNR	0.8	2.4 +	5.4	3.11 +	0.44 +	7.04	1337.	58.	6.
2389	0000	-826	37.6320	81.3368	PPNR	0.8	2.5 +	5.3	3.15 +	0.47 +	6.75	1374.	57.	7.
2390	0000	-826	37.6320	81.3373	PPNR	0.9	2.2	5.8	2.44	0.38 +	6.36	1450.	55.	9.
2391	0000	-828	37.6320	81.3377	PPNR	1.1	1.9	6.3	1.78	0.30	5.85	1578.	53.	11.
2392	0000	-828	37.6320	81.3382	PPNR	1.2 +	1.8	6.8	1.44	0.26	5.48	1711.	53.	12.
2393	0000	-829	37.6320	81.3387	PPNR	1.4 +	2.0	8.0 +	1.48	0.25	5.83	1872.	51.	13.
2394	0000	-829	37.6320	81.3392	PPNR	1.5 +	2.0	8.7 +	1.35	0.23	5.87	2021.	50.	14.
2395	0000	-828	37.6320	81.3396	PPNR	1.6 ++	2.0	9.4 ++	1.21 -	0.21 -	5.72	2129.	49.	15.
2396	0000	-826	37.6320	81.3401	PPNR	1.7 ++	1.9	10.1 ++	1.14 -	0.19 -	5.92	2202.	50.	15.
2397	0000	-825	37.6320	81.3406	PPNR	1.7 ++	2.2	10.4 +++	1.30 -	0.22	6.04	2249.	51.	14.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-827	37.6320	81.3411	PPNR	1.7 ++	2.4 +	9.9 ++	1.45	0.25	5.89	2232.	52.	13.
2399	0000	-830	37.6320	81.3415	PPP	1.6 +	3.0 ++	10.5 ++	1.88	0.28	6.67	2249.	54.	11.
2400	0000	-832	37.6320	81.3420	PPP	1.6 +	2.9 ++	10.0 ++	1.86	0.29	6.33	2215.	54.	10.
2401	0000	-830	37.6320	81.3425	PPP	1.6 +	2.9 ++	9.8 ++	1.88	0.30	6.30	2184.	54.	8.
2402	0000	-827	37.6320	81.3429	PPP	1.5 +	3.0 ++	9.9 ++	1.98	0.30	6.61	2172.	53.	7.
2403	0000	-830	37.6320	81.3434	PPP	1.5 +	3.1 ++	10.1 ++	2.05	0.31	6.59	2189.	51.	5.
2404	0000	-832	37.6320	81.3439	PPP	1.4 +	3.3 ++	9.6 ++	2.32	0.34	6.74	2187.	51.	4.
2405	0000	-827	37.6320	81.3444	PPP	1.5 +	3.5 +++	10.1 ++	2.39	0.34	6.95	2199.	48.	3.
2406	0000	-828	37.6320	81.3448	PPP	1.6 +	3.4 ++	9.3 +	2.12	0.36 +	5.90	2177.	49.	3.
2407	0000	-830	37.6320	81.3453	PPNR	1.6 ++	3.4 +++	9.2 ++	2.14	0.37	5.81	2162.	48.	3.
2408	0000	-829	37.6320	81.3458	PPNR	1.6 ++	3.4 +++	8.9 ++	2.19	0.38 +	5.70	2100.	49.	3.
2409	0000	-830	37.6320	81.3463	PPNR	1.5 +	3.2 ++	8.3 +	2.17	0.38 +	5.67	1971.	52.	3.
2410	0000	-831	37.6320	81.3467	PPNR	1.3 +	3.1 ++	7.2	2.37	0.43 +	5.46	1817.	50.	3.
2411	0000	-829	37.6320	81.3472	PPNR	1.3 +	2.8 ++	6.9	2.23	0.41 +	5.44	1663.	51.	3.
2412	0000	-828	37.6320	81.3476	PPNR	1.1	2.6 +	6.1	2.36	0.42 +	5.60	1494.	54.	3.
2413	0000	-828	37.6320	81.3481	PPNR	0.9	2.3 +	5.6	2.59 +	0.41 +	6.32	1331.	52.	3.
2414	0000	-827	37.6320	81.3485	PPNR	0.7	2.1	5.2	2.79 +	0.40 +	7.00	1204.	53.	3.
2415	0000	-823	37.6319	81.3491	PPNR	0.7	2.0	5.1	3.02 +	0.40 +	7.62	1146.	52.	4.
2416	0000	-826	37.6319	81.3496	PPNR	0.7	2.1	5.4	3.10 +	0.38 +	8.08 +	1163.	49.	4.
2417	0000	-831	37.6319	81.3500	PPNR	0.7	1.9	5.8	2.62 +	0.32	8.07 +	1185.	52.	5.
2418	0000	-828	37.6319	81.3505	PPNR	0.7	1.7	5.9	2.42	0.29	8.40 +	1199.	50.	6.
2419	0000	-826	37.6319	81.3510	PPNR	0.7	1.4	5.9	1.94	0.24	8.02 +	1212.	48.	8.
2420	0000	-828	37.6319	81.3514	PPNR	0.7	1.3	5.8	1.69	0.22	7.72	1212.	47.	9.
2421	0000	-827	37.6319	81.3519	PPNR	0.7	1.2	5.5	1.63	0.21	7.66	1196.	49.	11.
2422	0000	-823	37.6319	81.3524	PPNR	0.7	0.9 -	5.3	1.21 -	0.17 -	7.21	1181.	51.	13.
2423	0000	-821	37.6319	81.3528	PPNR	0.7	0.9 -	5.0	1.18 -	0.17 -	6.78	1169.	51.	13.
2424	0000	-827	37.6319	81.3534	PPNR	0.7	1.0 -	4.7	1.44	0.21	6.79	1163.	50.	13.
2425	0000	-830	37.6319	81.3537	PPNR	0.8	1.2	4.6	1.57	0.26	6.07	1202.	49.	12.
2426	0000	-824	37.6319	81.3543	PPNR	0.8	1.3	4.9	1.68	0.27	6.16	1256.	50.	11.
2427	0000	-822	37.6319	81.3547	PPNR	0.8	1.6	5.3	1.97	0.31	6.41	1329.	50.	9.
2428	0000	-821	37.6319	81.3552	PPNR	0.9	1.6	5.8	1.75	0.28	6.32	1395.	49.	7.
2429	0000	-820	37.6318	81.3557	PPNR	1.0	1.8	5.9	1.89	0.31	6.10	1435.	48.	5.
2430	0000	-819	37.6318	81.3562	PPNR	1.0	1.8	6.1	1.85	0.29	6.28	1472.	47.	4.
2431	0000	-820	37.6318	81.3566	PPNR	1.1	1.9	6.3	1.77	0.30	5.99	1525.	49.	4.
2432	0000	-826	37.6318	81.3571	PPNR	1.1	2.0	7.3	1.82	0.27	6.80	1586.	50.	4.
2433	0000	-827	37.6318	81.3576	PPP	1.1	2.3	7.2	2.08	0.32	6.57	1653.	51.	4.
2434	0000	-824	37.6318	81.3580	PPP	1.2	2.4 +	7.6	2.00	0.31	6.46	1717.	53.	5.
2435	0000	-824	37.6318	81.3586	PPP	1.2	2.5 +	8.2 +	2.00	0.30	6.65	1836.	53.	5.
2436	0000	-825	37.6318	81.3590	PPP	1.3	2.7 +	8.9 +	2.10	0.30	6.98	1960.	53.	6.
2437	0000	-822	37.6318	81.3595	PPP	1.3	2.9 ++	9.7 ++	2.22	0.30	7.32	2025.	54.	7.
2438	0000	-822	37.6318	81.3599	PPP	1.3	2.8 +	9.7 ++	2.20	0.29	7.67	2019.	53.	7.
2439	0000	-823	37.6318	81.3604	PPNR	1.3 +	2.6 +	8.8 ++	2.05	0.29	6.98	1964.	54.	8.
2440	0000	-820	37.6318	81.3609	PPNR	1.2	2.4 +	9.0 ++	1.91	0.26	7.24	1873.	55.	7.
2441	0000	-820	37.6318	81.3613	PPNR	1.2	1.9	8.1 +	1.69	0.24	6.99	1759.	55.	8.
2442	0000	-823	37.6318	81.3618	PPNR	1.0	1.9	7.3	1.84	0.26	6.98	1602.	55.	8.
2443	0000	-823	37.6317	81.3623	PPNR	0.9	1.6	6.4	1.72	0.25	6.90	1437.	55.	8.
2444	0000	-824	37.6317	81.3628	PPNR	0.9	1.3	5.3	1.44	0.24	6.08	1318.	55.	8.
2445	0000	-826	37.6317	81.3633	PPNR	0.9	1.3	4.8	1.44	0.26	5.55	1261.	52.	9.
2446	0000	-823	37.6317	81.3637	PPNR	0.8	1.5	4.7	1.88	0.32	5.90	1226.	51.	9.
2447	0000	-820	37.6317	81.3642	PPNR	0.8	1.6	4.1 -	2.07	0.39 +	5.28 -	1209.	50.	9.
2448	0000	-826	37.6317	81.3647	PPNR	0.8	1.6	4.3 -	2.07	0.37	5.65	1195.	49.	9.

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FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-828	37.6317	81.3651	PPNR	0.7	1.4	4.0 -	1.91	0.35	5.46	1171.	50.	11.
2450	0000	-820	37.6317	81.3656	PPNR	0.7	1.3	4.1 -	1.78	0.32	5.52	1158.	52.	12.
2451	0000	-820	37.6317	81.3660	PPNR	0.7	1.3	4.2 -	1.91	0.32	6.00	1155.	53.	12.
2452	0000	-825	37.6317	81.3665	PPNR	0.7	1.1 -	4.5 -	1.63	0.25	6.40	1161.	56.	13.
2453	0000	-819	37.6317	81.3670	PPNR	0.7	1.1 -	5.1	1.60	0.21	7.47	1181.	57.	14.
2454	0000	-817	37.6317	81.3675	PPNR	0.8	0.9 -	5.5	1.22 -	0.17 -	7.36	1237.	55.	16.
2455	0000	-823	37.6317	81.3680	PPNR	0.9	1.0 -	6.1	1.19 -	0.17 -	7.00	1357.	56.	15.
2456	0000	-823	37.6317	81.3684	PPNR	1.0	1.0 -	6.8	1.01 -	0.15 --	6.57	1471.	55.	15.
2457	0000	-820	37.6317	81.3689	PPNR	1.1	1.3	7.5 +	1.21 -	0.18 -	6.86	1595.	55.	15.
2458	0000	-816	37.6317	81.3694	PPNR	1.2	1.6	7.8 +	1.36	0.21 -	6.43	1714.	54.	15.
2459	0000	-818	37.6317	81.3699	PPNR	1.3 +	1.7	8.2 +	1.25 -	0.21 -	6.06	1836.	53.	15.
2460	0000	-823	37.6317	81.3703	PPNR	1.5 +	1.6	8.7 +	1.07 -	0.19 -	5.66	1975.	52.	14.
2461	0000	-817	37.6317	81.3708	PPNR	1.6 ++	2.0	9.0 ++	1.21 -	0.22	5.56	2107.	53.	13.
2462	0000	-816	37.6317	81.3712	PPNR	1.6 ++	2.2	9.3 ++	1.36	0.24	5.64	2160.	53.	12.
2463	0000	-824	37.6317	81.3718	PPP	1.6 +	2.6 +	9.6 ++	1.63	0.27	6.10	2184.	53.	9.
2464	0000	-823	37.6317	81.3722	PPP	1.6 +	2.5 +	9.4 +	1.57	0.26	5.98	2155.	52.	9.
2465	0000	-814	37.6317	81.3727	PPP	1.6 +	2.3	9.5 ++	1.51	0.25	6.10	2125.	54.	7.
2466	0000	-815	37.6317	81.3732	PPP	1.5 +	2.5 +	9.6 ++	1.67	0.25	6.53	2069.	52.	6.
2467	0000	-817	37.6317	81.3736	PPP	1.4	2.2	9.1 +	1.63	0.25	6.57	1959.	52.	6.
2468	0000	-814	37.6317	81.3741	PPP	1.2	2.0	8.5 +	1.60	0.23	6.81	1819.	52.	6.
2469	0000	-814	37.6317	81.3746	PPNR	1.1	1.8	7.8 +	1.67	0.23	7.11	1691.	52.	8.
2470	0000	-818	37.6317	81.3750	PPNR	1.0	1.8	7.0	1.75	0.26	6.85	1586.	53.	9.
2471	0000	-815	37.6316	81.3755	PPNR	0.9	1.6	6.7	1.71	0.24	7.07	1515.	54.	10.
2472	0000	-810	37.6316	81.3761	PPNR	0.9	1.5	6.3	1.67	0.23	7.24	1436.	49.	11.
2473	0000	-812	37.6316	81.3764	PPNR	0.8	1.5	5.7	1.98	0.27	7.39	1366.	50.	11.
2474	0000	-816	37.6316	81.3770	PPNR	0.7	1.6	5.8	2.29	0.28	8.11 +	1324.	51.	10.
2475	0000	-814	37.6316	81.3774	PPNR	0.6 -	1.7	5.8	2.81 +	0.30	9.35 +	1278.	50.	9.
2476	0000	-815	37.6316	81.3779	PPNR	0.6	1.9	5.7	3.06 +	0.34	8.99 +	1271.	49.	8.
2477	0000	-818	37.6316	81.3783	PPNR	0.7	1.9	6.0	2.98 +	0.32	9.18 +	1292.	48.	6.
2478	0000	-817	37.6316	81.3788	PPNR	0.6	2.1	6.4	3.32 +	0.34	9.86 ++	1318.	48.	5.
2479	0000	-813	37.6316	81.3793	PPNR	0.7	2.4 +	6.6	3.57 ++	0.36	9.99 ++	1378.	49.	3.
2480	0000	-813	37.6316	81.3797	PPNR	0.7	2.4 +	6.8	3.54 +	0.35	10.08 ++	1406.	49.	3.
2481	0000	-813	37.6316	81.3802	PPNR	0.7	2.4 +	7.0	3.42 +	0.35	9.79 ++	1428.	50.	2.
2482	0000	-814	37.6316	81.3807	PPNR	0.8	2.4 +	7.4	2.92 +	0.32	9.05 +	1487.	50.	1.
2483	0000	-814	37.6316	81.3811	PPNR	0.8	2.3 +	7.5 +	2.76 +	0.31	8.85 +	1506.	50.	1.
2484	0000	-814	37.6316	81.3817	PPNR	0.9	2.3 +	7.4 +	2.53	0.31	8.26 +	1532.	49.	1.
2485	0000	-812	37.6315	81.3822	PPNR	1.0	2.2	7.0	2.20	0.31	7.07	1566.	48.	1.
2486	0000	-811	37.6315	81.3826	PPNR	1.1	2.0	7.3	1.82	0.27	6.69	1582.	49.	1.
2487	0000	-813	37.6315	81.3831	PPNR	1.2	2.0	7.5 +	1.70	0.27	6.39	1628.	48.	1.
2488	0000	-813	37.6315	81.3835	PPNR	1.2	2.0	7.2	1.68	0.28	5.97	1635.	49.	1.
2489	0000	-808	37.6315	81.3840	PPNR	1.2	1.9	7.1	1.57	0.26	5.96	1604.	49.	3.
2490	0000	-811	37.6315	81.3845	PPNR	1.1	1.9	6.9	1.61	0.27	6.04	1581.	49.	4.
2491	0000	-814	37.6315	81.3849	PPNR	1.1	1.8	6.9	1.58	0.26	6.10	1549.	50.	5.
2492	0000	-807	37.6315	81.3854	PPNR	1.0	1.9	6.8	1.79	0.27	6.54	1513.	52.	7.
2493	0000	-804	37.6315	81.3859	PPNR	1.0	1.9	6.6	1.89	0.28	6.67	1515.	52.	9.
2494	0000	-809	37.6315	81.3864	PPNR	1.0	1.9	6.0	2.00	0.32	6.23	1488.	54.	12.
2495	0000	-809	37.6315	81.3869	PPNR	1.0	1.8	6.1	1.89	0.30	6.25	1520.	52.	14.
2496	0000	-808	37.6315	81.3873	PPNR	1.0	1.8	6.4	1.72	0.28	6.26	1567.	52.	16.
2497	0000	-805	37.6315	81.3878	PPNR	1.0	1.8	6.7	1.76	0.27	6.45	1628.	52.	16.
2498	0000	-802	37.6315	81.3882	PPNR	1.1	1.8	7.2	1.74	0.26	6.77	1688.	50.	16.
2499	0000	-804	37.6314	81.3889	PPNR	1.2	2.2	7.7 +	1.89	0.28	6.66	1769.	49.	15.

CP 9 1P 12

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-803	37.6314	81.3895		PPP	1.2	2.6 +	7.7	2.17	0.34	6.46	1837.	50.	14.
2501	0000	-803	37.6314	81.3901		PPP	1.3	2.5 +	8.8 +	1.98	0.28	6.96	1931.	46.	14.
2502	0000	-806	37.6314	81.3907		PPP	1.2	2.6 +	8.9 +	2.09	0.29	7.16	1971.	47.	13.
2503	0000	-805	37.6314	81.3914		PPP	1.3	2.9 ++	8.7 +	2.30	0.33	6.93	1998.	47.	11.
2504	0000	-806	37.6314	81.3920		PPNR	1.3 +	2.7 +	9.0 ++	2.12	0.31	6.93	1995.	48.	11.
2505	0000	-804	37.6314	81.3927		PPNR	1.3 +	2.7 +	8.8 ++	2.12	0.31	6.82	1994.	47.	11.
2506	0000	-800	37.6313	81.3932		PPNR	1.3 +	2.7 +	8.6 +	2.15	0.32	6.82	1982.	48.	10.
2507	0000	-806	37.6313	81.3939		PPNR	1.3 +	2.5 +	8.5 +	2.01	0.30	6.77	1941.	47.	10.
2508	0000	-806	37.6313	81.3945		PPNR	1.2	2.6 +	8.1 +	2.18	0.32	6.81	1885.	48.	9.
2509	0000	-796	37.6313	81.3951		PPNR	1.2	2.7 +	8.1 +	2.30	0.34	6.82	1828.	49.	7.
2510	0000	-796	37.6312	81.3957		PPNR	1.1	2.6 +	7.7 +	2.40	0.34	7.01	1750.	50.	6.
2511	0000	-800	37.6312	81.3964		PPNR	1.1	2.6 +	7.2	2.45	0.36	6.72	1677.	51.	6.
2512	0000	-797	37.6312	81.3970		PPNR	1.0	2.8 +	6.7	2.80 +	0.41 +	6.83	1584.	52.	4.
2513	0000	-795	37.6312	81.3976		PPNR	0.9	2.3 +	6.3	2.51	0.37	6.74	1468.	53.	4.
2514	0000	-797	37.6312	81.3982		PPNR	0.8	2.0	6.1	2.48	0.33	7.45	1350.	55.	4.
2515	0000	-800	37.6312	81.3988		PPNR	0.7	1.8	5.3	2.36	0.33	7.10	1243.	57.	4.
2516	0000	-793	37.6312	81.3995		PPNR	0.7	1.6	4.8	2.21	0.32	6.85	1170.	58.	5.
2517	0000	-791	37.6311	81.4001		PPNR	0.7	1.7	5.0	2.43	0.33	7.32	1139.	58.	5.
2518	0000	-801	37.6311	81.4007		PPNR	0.6 -	1.8	5.1	2.94 +	0.35	8.27 +	1124.	56.	5.
2519	0000	-800	37.6311	81.4013		PPNR	0.6	1.6	5.1	2.53	0.31	8.05 +	1132.	56.	6.
2520	0000	-792	37.6311	81.4019		PPNR	0.6 -	1.6	5.4	2.56 +	0.29	8.70 +	1167.	55.	6.
2521	0000	-794	37.6311	81.4026		PPNR	0.7	1.7	5.4	2.51	0.32	7.82	1218.	54.	5.
2522	0000	-797	37.6311	81.4032		PPNR	0.8	1.9	6.1	2.42	0.31	7.85	1287.	51.	5.
2523	0000	-796	37.6310	81.4038		PPNR	0.8	2.1	6.3	2.56 +	0.33	7.88	1345.	49.	4.
2524	0000	-793	37.6310	81.4045		PPNR	0.9	1.9	6.5	2.33	0.30	7.44	1391.	47.	5.
2525	0000	-794	37.6310	81.4050		PPNR	1.0	1.8	6.5	1.82	0.28	6.57	1454.	47.	5.
2526	0000	-798	37.6310	81.4057		PPNR	1.1	1.8	6.8	1.71	0.26	6.45	1516.	47.	6.
2527	0000	-795	37.6310	81.4063		PPNR	1.1	1.9	6.8	1.74	0.28	6.26	1555.	45.	7.
2528	0000	-790	37.6309	81.4069		PPNR	1.1	1.8	7.1	1.64	0.25	6.50	1586.	44.	7.
2529	0000	-790	37.6309	81.4076		PPNR	1.0	1.8	6.9	1.78	0.26	6.71	1579.	44.	8.
2530	0000	-787	37.6309	81.4082		PPNR	1.1	1.5	7.3	1.47	0.21	6.90	1569.	44.	9.
2531	0000	-784	37.6309	81.4088		PPNR	1.0	1.7	7.1	1.64	0.23	7.01	1545.	46.	9.
2532	0000	-783	37.6309	81.4095		PPNR	0.9	1.7	7.3	1.83	0.23	7.92	1508.	47.	7.
2533	0000	-783	37.6309	81.4100		PPNR	0.8	1.7	6.8	2.00	0.25	7.98 +	1436.	48.	6.
2534	0000	-787	37.6309	81.4107		PPNR	0.8	1.7	6.7	2.17	0.26	8.29 +	1360.	49.	4.
2535	0000	-787	37.6308	81.4113		PPNR	0.7	1.8	6.2	2.55	0.29	8.65 +	1252.	52.	4.
2536	0000	-784	37.6308	81.4119		PPNR	0.6	1.8	5.7	2.77 +	0.32	8.76 +	1162.	53.	3.
2537	0000	-786	37.6308	81.4126		PPNR	0.5 -	1.9	5.1	3.57 ++	0.38 +	9.46 +	1085.	52.	3.
2538	0000	-787	37.6308	81.4131		PPNR	0.5 -	1.6	4.8	3.18 +	0.33	9.55 +	1026.	52.	4.
2539	0000	-783	37.6307	81.4138		PPNR	0.5 -	1.6	4.2 -	3.42 +	0.38 +	8.91 +	977.	54.	6.
2540	0000	-782	37.6307	81.4144		PPNR	0.4 -	1.6	4.3 -	3.78 ++	0.38 +	9.94 ++	950.	56.	8.
2541	0000	-781	37.6307	81.4150		PPNR	0.4 -	1.5	3.9 -	3.33 +	0.37	8.93 +	951.	54.	10.
2542	0000	-781	37.6307	81.4157		PPNR	0.4 -	1.4	3.8 -	3.16 +	0.37	8.54 +	964.	55.	12.
2543	0000	-781	37.6307	81.4162		PPNR	0.5 -	1.3	3.8 -	2.75 +	0.34	8.13 +	973.	55.	13.
2544	0000	-779	37.6307	81.4169		PPNR	0.5 -	1.2	3.6 -	2.46	0.33	7.39	984.	55.	13.
2545	0000	-780	37.6307	81.4176		PPNR	0.5 -	1.5	3.7 -	3.11 +	0.39 +	7.92	1008.	53.	13.
2546	0000	-784	37.6306	81.4181		PPNR	0.5 -	1.4	3.9 -	2.75 +	0.36	7.75	1033.	50.	12.
2547	0000	-783	37.6306	81.4188		PPNR	0.5 -	1.4	3.9 -	2.70 +	0.37	7.29	1062.	50.	11.
2548	0000	-783	37.6306	81.4194		PPNR	0.5 -	1.5	4.0 -	2.73 +	0.37	7.34	1079.	51.	11.
2549	0000	-780	37.6306	81.4200		PPNR	0.5 -	1.7	4.1 -	3.05 +	0.40 +	7.55	1108.	49.	10.
2550	0000	-776	37.6305	81.4206		PPNR	0.6 -	1.6	4.3 -	2.86 +	0.38 +	7.45	1152.	48.	10.

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-780	37.6305	81.4212	PPNR	0.6	1.6	4.5 -	2.59 +	0.35	7.11	1202.	49.	11.
2552	0000	-779	37.6305	81.4219	PPNR	0.7	1.6	5.0	2.33	0.32	7.40	1244.	48.	12.
2553	0000	-773	37.6305	81.4225	PPNR	0.7	1.7	5.1	2.44	0.33	7.46	1271.	48.	12.
2554	0000	-775	37.6305	81.4231	PPNR	0.7	1.5	5.5	2.10	0.28	7.60	1296.	46.	12.
2555	0000	-778	37.6305	81.4237	PPNR	0.7	1.5	5.8	1.99	0.26	7.79	1322.	45.	11.
2556	0000	-774	37.6305	81.4243	PPNR	0.8	1.6	6.1	2.15	0.26	8.12 +	1357.	46.	10.
2557	0000	-771	37.6304	81.4250	PPNR	0.8	1.7	6.4	2.12	0.27	7.74	1391.	47.	9.
2558	0000	-770	37.6304	81.4257	PPNR	0.8	1.9	6.7	2.25	0.28	8.05 +	1416.	49.	7.
2559	0000	-767	37.6304	81.4262	PPNR	0.9	1.9	6.2	2.21	0.31	7.13	1421.	50.	5.
2560	0000	-770	37.6304	81.4268	PPNR	0.9	2.0	6.3	2.22	0.31	7.17	1411.	52.	4.
2561	0000	-772	37.6304	81.4275	PPNR	0.9	2.2	6.2	2.50	0.35	7.12	1394.	53.	3.
2562	0000	-767	37.6303	81.4281	PPNR	0.8	2.1	5.9	2.55	0.36	7.04	1371.	53.	3.
2563	0000	-768	37.6303	81.4287	PPNR	0.8	1.9	5.7	2.28	0.34	6.82	1354.	51.	4.
2564	0000	-770	37.6303	81.4293	PPNR	0.8	1.9	5.5	2.49	0.35	7.09	1325.	51.	5.
2565	0000	-768	37.6303	81.4300	PPNR	0.7	1.8	5.2	2.41	0.34	7.00	1284.	50.	6.
2566	0000	-766	37.6303	81.4306	PPNR	0.7	1.5	5.2	2.09	0.29	7.15	1249.	50.	7.
2567	0000	-761	37.6303	81.4312	PPNR	0.7	1.1 -	5.0	1.56	0.22	7.04	1225.	52.	9.
2568	0000	-759	37.6302	81.4318	PPNR	0.7	1.1 -	4.9	1.55	0.22	7.00	1210.	50.	10.
2569	0000	-761	37.6302	81.4324	PPNR	0.7	1.1 -	4.9	1.67	0.23	7.33	1184.	53.	11.
2570	0000	-759	37.6302	81.4331	PPNR	0.7	1.0 -	4.9	1.52	0.21 -	7.36	1148.	53.	10.
2571	0000	-761	37.6302	81.4337	PPNR	0.6 -	1.0 -	4.7	1.61	0.21 -	7.66	1101.	53.	10.
2572	0000	-763	37.6302	81.4343	PPNR	0.6 -	1.1 -	4.3 -	1.94	0.26	7.53	1071.	54.	10.
2573	0000	-757	37.6302	81.4349	PPNR	0.6 -	1.3	4.3 -	2.23	0.29	7.61	1060.	55.	9.
2574	0000	-756	37.6301	81.4356	PPNR	0.5 -	1.5	4.3 -	2.75 +	0.35	7.81	1061.	54.	8.
2575	0000	-762	37.6301	81.4362	PPNR	0.5 -	1.4	4.3 -	2.65 +	0.34	7.88	1050.	55.	9.
2576	0000	-760	37.6301	81.4368	PPNR	0.6 -	1.3	4.4 -	2.27	0.28	7.98 +	1039.	55.	8.
2577	0000	-755	37.6301	81.4374	PPNR	0.5 -	1.1 -	4.6	2.01	0.24	8.41 +	1024.	55.	9.
2578	0000	-753	37.6301	81.4380	PPNR	0.5 -	1.1 -	4.3 -	1.94	0.24	7.99 +	1016.	55.	10.
2579	0000	-753	37.6300	81.4387	PPNR	0.5 -	0.9 -	4.5 -	1.69	0.20 -	8.34 +	995.	53.	10.
2580	0000	-751	37.6300	81.4393	PPNR	0.5 -	0.8 -	4.3 -	1.68	0.20 -	8.57 +	970.	52.	10.
2581	0000	-749	37.6300	81.4399	PPNR	0.5 -	0.9 -	4.3 -	1.93	0.21 -	9.16 +	954.	51.	10.
2582	0000	-752	37.6300	81.4405	PPNR	0.5 -	1.0 -	4.3 -	2.21	0.23	9.53 +	945.	53.	8.
2583	0000	-752	37.6300	81.4412	PPNR	0.4 -	1.3	3.9 -	3.05 +	0.35	8.78 +	967.	54.	8.
2584	0000	-749	37.6300	81.4418	PPNR	0.5 -	1.6	3.6 -	3.45 +	0.45 +	7.68	997.	53.	7.
2585	0000	-746	37.6299	81.4424	PPNR	0.5 -	1.9	3.9 -	3.79 ++	0.48 +	7.91	1032.	53.	5.
2586	0000	-745	37.6299	81.4430	PPNR	0.5 -	2.0	4.2 -	3.93 ++	0.47 +	8.29 +	1075.	53.	4.
2587	0000	-746	37.6299	81.4437	PPNR	0.5 -	2.2	4.5 -	4.26 ++	0.48 +	8.78 +	1108.	53.	2.
2588	0000	-744	37.6299	81.4443	PPNR	0.5 -	2.2	4.6	4.04 ++	0.46 +	8.70 +	1122.	54.	2.
2589	0000	-739	37.6299	81.4449	PPNR	0.6 -	2.0	4.8	3.19 +	0.41 +	7.79	1154.	53.	2.
2590	0000	-741	37.6298	81.4455	PPNR	0.6	1.7	5.0	2.68 +	0.34	7.80	1169.	51.	3.
2591	0000	-743	37.6298	81.4462	PPNR	0.7	1.7	5.1	2.53	0.33	7.69	1162.	51.	3.
2592	0000	-740	37.6298	81.4468	PPNR	0.7	1.3	5.3	1.80	0.24	7.46	1149.	52.	5.
2593	0000	-739	37.6298	81.4474	PPNR	0.7	1.2	5.0	1.70	0.24	7.21	1123.	54.	6.
2594	0000	-738	37.6297	81.4480	PPNR	0.7	1.0 -	5.1	1.40	0.20 -	7.01	1128.	52.	8.
2595	0000	-738	37.6297	81.4487	PPNR	0.7	0.8 -	5.1	1.16 -	0.17 -	7.03	1120.	52.	9.
2596	0000	-740	37.6297	81.4493	PPNR	0.7	0.9 -	4.8	1.32 -	0.19 -	6.87	1110.	50.	10.
2597	0000	-738	37.6297	81.4499	PPNR	0.7	0.8 -	4.7	1.16 -	0.18 -	6.61	1104.	51.	11.
2598	0000	-739	37.6297	81.4505	PPNR	0.7	0.7 -	4.8	1.02 -	0.16 --	6.55	1133.	52.	11.
2599	0000	-739	37.6297	81.4511	PPNR	0.7	0.8 -	4.7	1.15 -	0.17 -	6.58	1153.	52.	11.
2600	0000	-732	37.6297	81.4518	PPNR	0.7	0.9 -	4.8	1.17 -	0.18 -	6.44	1193.	50.	11.
2601	0000	-730	37.6296	81.4524	PPNR	0.7	0.8 -	4.6	1.08 -	0.17 -	6.21	1213.	53.	11.

CP9 IP12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-735	37.6296	81.4530	PPNR	0.8	0.8 -	4.7	1.05 -	0.18 -	5.92	1238.	50.	12.
2603	0000	-735	37.6296	81.4536	PPNR	0.8	0.8 -	5.0	0.98 -	0.15 --	6.39	1250.	51.	13.
2604	0000	-731	37.6296	81.4542	PPNR	0.7	0.9 -	5.3	1.25 -	0.18 -	7.12	1264.	48.	13.
2605	0000	-728	37.6295	81.4549	PPNR	0.7	0.8 -	5.4	1.05 -	0.15 --	7.16	1255.	48.	13.
2606	0000	-725	37.6295	81.4554	PPNR	0.8	1.0 -	5.5	1.29 -	0.18 -	7.21	1267.	48.	13.
2607	0000	-726	37.6295	81.4561	PPNR	0.8	1.1 -	5.4	1.37	0.20 -	5.97	1279.	50.	13.
2608	0000	-726	37.6295	81.4567	PPNR	0.8	1.3	5.4	1.67	0.25	6.72	1293.	48.	12.
2609	0000	-723	37.6295	81.4574	PPNR	0.8	1.4	5.5	1.72	0.26	6.59	1340.	49.	12.
2610	0000	-720	37.6295	81.4580	PPNR	0.9	1.8	5.8	2.07	0.31	6.57	1397.	50.	11.
2611	0000	-720	37.6295	81.4585	PPNR	0.9	2.1	5.2	2.33	0.40 +	5.84	1402.	52.	11.
2612	0000	-720	37.6294	81.4592	PPNR	0.9	2.1	5.3	2.49	0.41 +	6.13	1398.	51.	10.
2613	0000	-719	37.6294	81.4599	PPNR	0.9	2.2	5.3	2.55	0.41 +	5.20	1392.	52.	10.
2614	0000	-719	37.6294	81.4605	PPNR	0.8	2.3 +	5.2	2.91 +	0.45 +	6.49	1369.	51.	9.
2615	0000	-720	37.6294	81.4611	PPNR	0.8	2.2	5.4	2.74 +	0.40 +	6.86	1342.	52.	8.
2616	0000	-720	37.6293	81.4617	PPNR	0.7	2.2	5.4	2.93 +	0.40 +	7.24	1298.	54.	7.
2617	0000	-721	37.6293	81.4623	PPNR	0.7	2.2	5.2	3.24 +	0.43 +	7.57	1258.	55.	6.
2618	0000	-720	37.6293	81.4630	PPNR	0.7	2.1	5.8	2.85 +	0.36	7.97 +	1290.	52.	6.
2619	0000	-717	37.6293	81.4635	PPNR	0.8	2.2	5.9	2.77 +	0.38 +	7.36	1327.	53.	5.
2620	0000	-715	37.6293	81.4642	PPNR	0.8	2.1	6.3	2.66 +	0.33	8.04 +	1355.	53.	5.
2621	0000	-714	37.6293	81.4648	PPNR	0.9	1.9	6.7	2.27	0.29	7.80	1399.	52.	5.
2622	0000	-712	37.6293	81.4654	PPNR	0.9	2.0	6.5	2.37	0.31	7.56	1425.	52.	6.
2623	0000	-709	37.6292	81.4661	PPNR	0.9	1.9	6.6	2.11	0.29	7.37	1435.	49.	6.
2624	0000	-710	37.6292	81.4666	PPNR	1.0	1.5	6.6	1.58	0.23	6.95	1427.	49.	8.
2625	0000	-713	37.6292	81.4673	PPNR	1.0	1.4	6.1	1.49	0.24	6.30	1395.	51.	9.
2626	0000	-712	37.6292	81.4679	PPNR	0.9	1.4	5.9	1.48	0.23	6.47	1378.	52.	11.
2627	0000	-709	37.6292	81.4686	PPNR	0.9	1.2	5.4	1.31 -	0.23	5.70	1352.	52.	12.
2628	0000	-709	37.6292	81.4692	PPNR	0.9	1.1 -	5.5	1.16 -	0.20 -	5.92	1334.	52.	12.
2629	0000	-705	37.6292	81.4698	PPNR	0.9	1.2	5.6	1.29 -	0.21	6.10	1335.	51.	12.
2630	0000	-705	37.6291	81.4704	PPNR	0.9	1.4	4.9	1.56	0.28	5.57	1317.	52.	11.
2631	0000	-708	37.6291	81.4711	PPNR	0.9	1.4	4.6	1.63	0.31	5.32 -	1307.	52.	11.
2632	0000	-705	37.6291	81.4717	PPNR	0.9	1.4	4.9	1.61	0.28	5.68	1301.	53.	10.
2633	0000	-702	37.6291	81.4723	PPNR	0.8	1.6	4.8	2.00	0.34	5.90	1292.	53.	8.
2634	0000	-705	37.6290	81.4729	PPNR	0.9	1.8	4.9	2.05	0.36	5.72	1316.	54.	6.
2635	0000	-702	37.6290	81.4735	PPNR	0.9	1.9	4.8	2.15	0.39 +	5.57	1323.	53.	4.
2636	0000	-697	37.6290	81.4742	PPNR	0.9	1.7	5.0	1.99	0.35	5.66	1324.	53.	4.
2637	0000	-699	37.6290	81.4748	PPNR	0.9	1.7	5.5	1.92	0.32	5.99	1347.	52.	3.
2638	0000	-701	37.6290	81.4754	PPNR	0.9	1.8	5.7	1.89	0.31	6.08	1356.	50.	3.
2639	0000	-700	37.6290	81.4760	PPNR	0.9	1.7	5.7	1.83	0.30	6.21	1355.	48.	4.
2640	0000	-699	37.6290	81.4766	PPNR	1.0	1.5	5.6	1.61	0.27	5.86	1361.	50.	5.
2641	0000	-696	37.6289	81.4773	PPNR	0.9	1.4	5.9	1.53	0.24	6.33	1360.	49.	7.
2642	0000	-695	37.6289	81.4779	PPNR	0.9	1.4	6.3	1.52	0.22	6.82	1384.	49.	8.
2643	0000	-695	37.6289	81.4785	PPNR	0.9	1.3	6.6	1.47	0.20 -	7.24	1415.	51.	9.
2644	0000	-696	37.6289	81.4792	PPNR	1.0	1.4	6.7	1.45	0.20 -	7.06	1436.	50.	10.
2645	0000	-696	37.6289	81.4797	PPNR	1.0	1.5	6.9	1.57	0.22	7.15	1468.	49.	11.
2646	0000	-692	37.6289	81.4803	PPNR	1.0	1.6	6.7	1.64	0.24	6.93	1494.	49.	11.
2647	0000	-690	37.6289	81.4810	PPNR	1.0	1.6	7.0	1.62	0.22	7.25	1488.	47.	10.
2648	0000	-692	37.6289	81.4816	PPNR	1.0	1.6	6.6	1.69	0.25	6.86	1466.	47.	8.
2649	0000	-692	37.6289	81.4822	PPNR	1.0	1.8	6.3	1.84	0.29	6.44	1444.	48.	6.
2650	0000	-689	37.6289	81.4828	PPNR	1.0	1.9	5.8	1.89	0.33	5.73	1436.	48.	5.
2651	0000	-688	37.6290	81.4834	PPNR	0.9	2.0	5.7	2.16	0.36	6.02	1449.	48.	3.
2652	0000	-688	37.6290	81.4841	PPNR	1.0	2.1	5.8	2.17	0.35	6.12	1463.	49.	2.

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-687	37.6290	81.4846	PPNR	1.0	2.2	6.1	2.21	0.36	6.19	1512.	53.	1.
2654	0000	-686	37.6290	81.4853	PPNR	1.0	2.3 +	6.3	2.22	0.37	6.07	1579.	55.	0.
2655	0000	-688	37.6290	81.4859	PPNR	1.1	2.5 +	6.6	2.32	0.37 +	6.19	1638.	55.	0.
2656	0000	-689	37.6291	81.4865	PPNR	1.2	2.4 +	6.7	2.04	0.35	5.77	1687.	54.	1.
2657	0000	-686	37.6291	81.4871	PPNR	1.1	2.4 +	7.3	2.07	0.33	6.33	1714.	53.	1.
2658	0000	-684	37.6291	81.4877	PPNR	1.2	2.2	7.2	1.89	0.31	6.05	1702.	54.	2.
2659	0000	-684	37.6291	81.4883	PPNR	1.2	2.3 +	7.3	1.94	0.31	6.20	1705.	55.	2.
2660	0000	-684	37.6291	81.4890	PPNR	1.1	2.3 +	7.3	2.00	0.31	6.45	1668.	53.	2.
2661	0000	-684	37.6291	81.4895	PPNR	1.1	2.3 +	7.0	2.03	0.32	6.25	1644.	53.	3.
2662	0000	-681	37.6292	81.4902	PPNR	1.1	2.3 +	7.2	2.10	0.32	6.56	1650.	52.	3.
2663	0000	-680	37.6292	81.4908	PPNR	1.0	2.4 +	7.4 +	2.36	0.32	7.34	1663.	52.	3.
2664	0000	-680	37.6292	81.4914	PPNR	1.1	2.3 +	7.3	2.20	0.32	6.83	1656.	52.	4.
2665	0000	-680	37.6292	81.4920	PPNR	1.1	2.2	7.3	2.03	0.30	6.82	1655.	53.	5.
2666	0000	-680	37.6292	81.4927	PPNR	1.0	2.2	6.9	2.17	0.33	6.63	1631.	50.	5.
2667	0000	-679	37.6293	81.4932	PPNR	1.1	2.1	6.7	1.97	0.31	6.35	1596.	50.	5.
2668	0000	-676	37.6293	81.4939	PPNR	1.0	2.0	6.7	1.93	0.29	6.62	1548.	50.	6.
2669	0000	-675	37.6293	81.4945	PPNR	1.0	1.7	6.5	1.71	0.27	6.41	1494.	50.	6.
2670	0000	-673	37.6293	81.4951	PPNR	1.0	1.6	6.1	1.53	0.26	5.95	1432.	49.	6.
2671	0000	-671	37.6293	81.4957	PPNR	0.9	1.5	5.5	1.64	0.28	5.82	1373.	51.	6.
2672	0000	-672	37.6293	81.4964	PPNR	0.9	1.7	5.3	1.99	0.33	6.11	1331.	49.	4.
2673	0000	-669	37.6294	81.4969	PPNR	0.9	1.6	5.2	1.90	0.31	6.09	1314.	51.	4.
2674	0000	-667	37.6294	81.4976	PPNR	0.8	1.7	5.2	2.17	0.33	6.52	1311.	49.	3.
2675	0000	-671	37.6294	81.4982	PPNR	0.8	1.8	5.3	2.45	0.35	7.03	1311.	49.	3.
2676	0000	-671	37.6294	81.4988	PPNR	0.7	1.9	4.9	2.71 +	0.39 +	6.90	1301.	47.	3.
2677	0000	-668	37.6294	81.4994	PPNR	0.7	2.1	5.0	3.14 +	0.41 +	7.67	1273.	46.	2.
2678	0000	-669	37.6295	81.5000	PPNR	0.6	1.9	5.1	2.95 +	0.36	8.14 +	1255.	46.	3.
2679	0000	-669	37.6295	81.5006	PPNR	0.6	1.8	5.5	2.74 +	0.32	8.61 +	1248.	48.	4.
2680	0000	-667	37.6295	81.5013	PPNR	0.6	1.6	5.6	2.55	0.29	8.70 +	1231.	47.	5.
2681	0000	-667	37.6295	81.5018	PPNR	0.6	1.5	5.5	2.43	0.28	8.65 +	1218.	48.	7.
2682	0000	-666	37.6295	81.5025	PPNR	0.6	1.4	5.2	2.26	0.27	8.32 +	1202.	49.	9.
2683	0000	-665	37.6296	81.5031	PPNR	0.7	1.1 -	5.3	1.69	0.21 -	7.99 +	1181.	51.	11.
2684	0000	-666	37.6296	81.5037	PPNR	0.6	1.1 -	5.1	1.78	0.22	8.12 +	1174.	52.	11.
2685	0000	-663	37.6296	81.5043	PPNR	0.6 -	1.3	5.2	2.18	0.25	8.59 +	1173.	51.	11.
2686	0000	-659	37.6297	81.5049	PPNR	0.6	1.4	4.7	2.16	0.30	7.30	1176.	52.	11.
2687	0000	-659	37.6297	81.5056	PPNR	0.6 -	1.6	4.8	2.59 +	0.33	7.79	1184.	52.	10.
2688	0000	-657	37.6297	81.5061	PPNR	0.6 -	1.7	4.8	2.82 +	0.36	7.74	1187.	52.	9.
2689	0000	-655	37.6297	81.5067	PPNR	0.7	1.8	4.7	2.70 +	0.37 +	7.21	1187.	50.	7.
2690	0000	-654	37.6297	81.5074	PPNR	0.6 -	2.1	4.9	3.48 +	0.43 +	8.01 +	1185.	49.	5.
2691	0000	-657	37.6297	81.5079	PPNR	0.6 -	2.2	4.6	3.57 ++	0.48 +	7.50	1185.	50.	4.
2692	0000	-660	37.6297	81.5086	PPNR	0.6 -	2.2	4.5 -	3.56 ++	0.49 +	7.26	1198.	50.	3.
2693	0000	-659	37.6297	81.5092	PPNR	0.6 -	2.3 +	5.0	4.00 ++	0.46 +	8.73 +	1192.	48.	2.
2694	0000	-659	37.6298	81.5099	PPNR	0.6 -	2.0	5.0	3.46 +	0.40 +	8.75 +	1160.	49.	2.
2695	0000	-657	37.6298	81.5104	PPNR	0.6 -	1.7	5.1	2.88 +	0.33	8.85 +	1144.	50.	1.
2696	0000	-653	37.6298	81.5110	PPNR	0.6 -	1.7	5.1	2.94 +	0.33	8.96 +	1148.	50.	2.
2697	0000	-655	37.6299	81.5117	PPNR	0.6 -	1.7	5.1	2.93 +	0.33	8.96 +	1169.	50.	2.
2698	0000	-651	37.6299	81.5123	PPNR	0.6 -	1.4	5.1	2.29	0.28	8.30 +	1177.	49.	3.
2699	0000	-649	37.6299	81.5129	PPNR	0.7	1.4	5.5	2.08	0.25	8.22 +	1189.	48.	3.
2700	0000	-653	37.6299	81.5135	PPNR	0.7	1.3	5.0	1.83	0.26	7.15	1206.	50.	4.
2701	0000	-651	37.6299	81.5141	PPNR	0.7	1.5	4.7	2.08	0.31	6.68	1234.	48.	5.
2702	0000	-648	37.6300	81.5148	PPNR	0.7	1.6	4.7	2.19	0.34	6.43	1244.	46.	7.
2703	0000	-649	37.6300	81.5153	PPNR	0.7	1.5	4.6	2.16	0.33	6.57	1232.	47.	8.

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-646	37.6299	81.5160	PPNR	0.7	1.5	4.3 -	2.15	0.35	6.14	1219.	49.	10.
2705	0000	-646	37.6300	81.5166	PPNR	0.7	1.5	4.4 -	2.19	0.34	6.40	1203.	49.	11.
2706	0000	-647	37.6300	81.5172	PPNR	0.7	1.5	4.0 -	2.17	0.37 +	5.79	1191.	48.	13.
2707	0000	-646	37.6300	81.5178	PPNR	0.7	1.4	4.4 -	2.13	0.32	6.63	1185.	47.	13.
2708	0000	-645	37.6301	81.5184	PPNR	0.7	1.2	4.5 -	1.65	0.27	6.06	1186.	48.	14.
2709	0000	-643	37.6301	81.5190	PPNR	0.7	1.2	4.2 -	1.70	0.30	5.71	1215.	49.	14.
2710	0000	-642	37.6301	81.5197	PPNR	0.8	1.1 -	4.5 -	1.40	0.25	5.48	1267.	48.	15.
2711	0000	-642	37.6301	81.5202	PPNR	0.9	1.1 -	5.0	1.29 -	0.23	5.66	1307.	48.	13.
2712	0000	-642	37.6301	81.5209	PPNR	0.9	1.2	5.1	1.33	0.24	5.59	1336.	51.	12.
2713	0000	-643	37.6302	81.5215	PPNR	0.9	1.2	5.2	1.39	0.23	6.03	1331.	52.	12.
2714	0000	-638	37.6302	81.5222	PPNR	0.9	1.4	5.0	1.56	0.27	5.70	1320.	53.	10.
2715	0000	-635	37.6302	81.5227	PPNR	0.8	1.5	5.3	1.93	0.29	6.64	1320.	51.	8.
2716	0000	-639	37.6302	81.5233	PPNR	0.8	1.6	5.7	1.94	0.27	7.09	1297.	51.	7.
2717	0000	-640	37.6302	81.5239	PPNR	0.7	1.7	5.6	2.45	0.31	7.81	1270.	51.	5.
2718	0000	-637	37.6303	81.5246	PPNR	0.7	1.8	5.4	2.79 +	0.34	8.26 +	1249.	51.	5.
2719	0000	-636	37.6303	81.5252	PPNR	0.6	1.9	5.7	3.05 +	0.34	8.99 +	1268.	49.	5.
2720	0000	-637	37.6303	81.5258	PPNR	0.7	2.1	5.9	3.11 +	0.35	8.93 +	1318.	51.	4.
2721	0000	-638	37.6303	81.5264	PPNR	0.7	2.2	6.2	2.91 +	0.35	8.26 +	1392.	51.	5.
2722	0000	-637	37.6303	81.5271	PPNR	0.8	2.3 +	6.2	2.95 +	0.37	7.90	1443.	51.	5.
2723	0000	-633	37.6303	81.5276	PPNR	0.8	2.4 +	6.1	3.05 +	0.40 +	7.62	1469.	56.	5.
2724	0000	-632	37.6304	81.5283	PPNR	0.9	2.5 +	6.3	2.89 +	0.40 +	7.17	1506.	57.	4.
2725	0000	-632	37.6304	81.5289	PPNR	0.9	2.5 +	6.6	2.67 +	0.38 +	7.01	1530.	56.	3.
2726	0000	-633	37.6304	81.5295	PPNR	1.0	2.4 +	6.9	2.50	0.35	7.23	1520.	56.	2.
2727	0000	-631	37.6304	81.5301	PPNR	0.9	2.3 +	6.8	2.50	0.34	7.45	1470.	55.	2.
2728	0000	-628	37.6304	81.5307	PPNR	0.8	2.0	6.8	2.42	0.30	8.06 +	1382.	55.	1.
2729	0000	-628	37.6305	81.5313	PPNR	0.8	1.8	6.3	2.23	0.29	7.63	1286.	58.	1.
2730	0000	-629	37.6304	81.5319	PPNR	0.8	1.6	6.1	2.07	0.27	7.71	1235.	52.	1.
2731	0000	-626	37.6304	81.5325	PPNR	0.7	1.6	5.6	2.27	0.29	7.91	1168.	52.	2.
2732	0000	-625	37.6305	81.5332	PPNR	0.7	1.4	5.3	2.00	0.27	7.43	1117.	52.	2.
2733	0000	-626	37.6305	81.5337	PPNR	0.7	1.4	4.9	2.05	0.30	6.91	1083.	53.	2.
2734	0000	-625	37.6305	81.5344	PPNR	0.8	1.3	4.7	1.71	0.28	6.09	1076.	55.	2.
2735	0000	-624	37.6306	81.5350	PPNR	0.8	1.5	4.8	1.96	0.31	6.37	1101.	53.	3.
2736	0000	-624	37.6306	81.5357	PPNR	0.8	1.6	5.4	2.11	0.30	7.02	1164.	53.	2.
2737	0000	-623	37.6306	81.5362	PPNR	0.8	1.7	5.7	2.09	0.30	6.93	1224.	53.	2.
2738	0000	-623	37.6306	81.5368	PPNR	0.9	1.8	6.2	2.11	0.29	7.22	1295.	52.	1.
2739	0000	-621	37.6306	81.5375	PPNR	0.8	2.2	6.5	2.57 +	0.33	7.81	1366.	54.	1.
2740	0000	-619	37.6307	81.5381	PPNR	0.8	2.3 +	6.5	2.69 +	0.35	7.69	1408.	53.	2.
2741	0000	-621	37.6307	81.5387	PPNR	0.8	2.5 +	6.5	3.00 +	0.39 +	7.74	1444.	51.	3.
2742	0000	-618	37.6307	81.5393	PPNR	0.9	2.4 +	6.6	2.83 +	0.37	7.65	1462.	49.	4.
2743	0000	-616	37.6307	81.5399	PPNR	0.9	2.3 +	6.5	2.71 +	0.36	7.62	1460.	48.	5.
2744	0000	-618	37.6307	81.5406	PPNR	0.8	2.3 +	6.5	2.78 +	0.35	7.86	1458.	46.	6.
2745	0000	-615	37.6308	81.5411	PPNR	0.9	2.1	6.3	2.38	0.34	7.08	1441.	47.	7.
2746	0000	-613	37.6308	81.5418	PPNR	0.9	1.8	6.2	2.02	0.29	6.99	1429.	46.	9.
2747	0000	-613	37.6307	81.5424	PPNR	0.9	1.6	6.5	1.85	0.26	7.23	1464.	45.	10.
2748	0000	-609	37.6308	81.5430	PPNR	1.0	1.6	6.9	1.59	0.23	6.85	1548.	43.	12.
2749	0000	-607	37.6308	81.5436	PPNR	1.1	1.9	7.1	1.64	0.26	6.19	1653.	46.	12.
2750	0000	-606	37.6308	81.5442	PPNR	1.3 +	1.9	7.1	1.51	0.27	5.54	1743.	46.	13.
2751	0000	-600	37.6309	81.5448	PPNR	1.4 +	1.8	7.1	1.32 -	0.25	5.25 -	1797.	48.	13.
2752	0000	-597	37.6309	81.5455	PPNR	1.3 +	1.9	7.4 +	1.45	0.26	5.62	1817.	48.	13.
2753	0000	-600	37.6309	81.5460	PPNR	1.4 +	1.9	7.2	1.41	0.26	5.35 -	1804.	46.	12.
2754	0000	-600	37.6309	81.5467	PPNR	1.3 +	2.0	6.8	1.47	0.29	5.11 -	1749.	46.	11.

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ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-600	37.6309	81.5473	PPNR	1.2	1.7	6.5	1.44	0.26	5.46	1619.	49.	10.
2756	0000	-602	37.6310	81.5479	PPNR	1.1	1.3	6.2	1.20 -	0.21 -	5.84	1493.	48.	9.
2757	0000	-600	37.6309	81.5485	PPNR	0.9	1.4	6.0	1.57	0.24	6.50	1364.	48.	7.
2758	0000	-597	37.6309	81.5491	PPNR	0.8	1.5	5.7	1.85	0.27	6.91	1282.	51.	7.
2759	0000	-596	37.6310	81.5497	PPNR	0.8	1.3	5.4	1.56	0.25	6.32	1252.	51.	7.
2760	0000	-596	37.6310	81.5504	PPNR	0.9	1.4	5.5	1.62	0.26	6.25	1267.	53.	6.
2761	0000	-598	37.6310	81.5509	PPNR	0.9	1.4	6.4	1.58	0.22	7.11	1313.	53.	6.
2762	0000	-599	37.6310	81.5516	PPNR	0.9	1.6	6.4	1.73	0.25	6.78	1367.	50.	6.
2763	0000	-597	37.6310	81.5522	PPNR	1.0	1.8	6.4	1.81	0.27	6.64	1400.	53.	5.
2764	0000	-595	37.6311	81.5529	PPNR	1.0	1.5	6.9	1.48	0.22	6.71	1458.	52.	6.
2765	0000	-590	37.6311	81.5534	PPNR	1.0	1.7	7.1	1.58	0.23	6.83	1490.	50.	5.
2766	0000	-588	37.6311	81.5541	PPNR	1.1	1.5	7.4 +	1.45	0.21 -	6.95	1502.	51.	5.
2767	0000	-590	37.6312	81.5547	PPNR	1.0	1.6	7.3	1.56	0.22	7.01	1495.	51.	5.
2768	0000	-590	37.6312	81.5553	PPNR	1.1	1.6	6.3	1.45	0.26	5.65	1470.	52.	5.
2769	0000	-587	37.6311	81.5559	PPNR	1.2	1.5	6.7	1.27 -	0.22	5.66	1475.	54.	4.
2770	0000	-584	37.6312	81.5565	PPNR	1.1	1.6	6.4	1.38	0.25	5.57	1456.	52.	4.
2771	0000	-585	37.6312	81.5571	PPNR	1.1	1.8	6.0	1.59	0.30	5.38 -	1424.	54.	3.
2772	0000	-586	37.6313	81.5577	PPNR	1.1	1.7	6.0	1.49	0.28	5.29 -	1398.	55.	3.
2773	0000	-581	37.6312	81.5583	PPNR	1.0	1.8	6.0	1.76	0.31	5.77	1383.	54.	2.
2774	0000	-581	37.6312	81.5590	PPNR	1.1	1.7	6.1	1.66	0.28	5.84	1368.	54.	2.
2775	0000	-580	37.6313	81.5595	PPNR	0.9	1.8	6.5	1.92	0.28	6.91	1351.	55.	2.
2776	0000	-578	37.6313	81.5602	PPNR	0.9	1.8	6.1	2.09	0.29	7.19	1302.	55.	3.
2777	0000	-577	37.6313	81.5608	PPNR	0.9	1.7	6.0	2.04	0.29	7.01	1296.	53.	3.
2778	0000	-576	37.6313	81.5614	PPNR	0.9	1.5	6.0	1.79	0.26	6.94	1301.	54.	4.
2779	0000	-574	37.6313	81.5620	PPNR	0.8	1.4	6.0	1.70	0.24	7.07	1307.	54.	5.
2780	0000	-574	37.6313	81.5627	PPNR	0.9	1.5	5.8	1.70	0.26	6.54	1328.	54.	7.
2781	0000	-571	37.6314	81.5632	PPNR	0.9	1.7	5.8	1.92	0.30	6.44	1381.	55.	7.
2782	0000	-568	37.6314	81.5639	PPNR	1.0	1.6	5.9	1.58	0.28	5.65	1471.	54.	8.
2783	0000	-570	37.6314	81.5644	PPNR	1.1	1.8	6.4	1.68	0.29	5.86	1566.	54.	8.
2784	0000	-567	37.6314	81.5651	PPNR	1.1	1.9	6.6	1.63	0.28	5.78	1613.	56.	8.
2785	0000	-563	37.6314	81.5657	PPNR	1.1	2.0	6.6	1.83	0.31	5.97	1631.	55.	8.
2786	0000	-562	37.6315	81.5664	PPNR	1.1	2.0	6.7	1.77	0.30	5.88	1632.	53.	8.
2787	0000	-560	37.6315	81.5669	PPNR	1.1	2.0	6.9	1.80	0.30	6.04	1608.	52.	6.
2788	0000	-557	37.6315	81.5676	PPNR	1.1	1.9	6.6	1.72	0.28	6.11	1538.	52.	6.
2789	0000	-555	37.6315	81.5682	PPNR	0.9	1.9	6.2	1.99	0.30	6.61	1436.	54.	6.
2790	0000	-550	37.6315	81.5688	PPNR	0.9	1.6	5.7	1.75	0.29	6.08	1362.	54.	6.
2791	0000	-548	37.6316	81.5694	PPNR	0.9	1.5	5.7	1.71	0.27	6.35	1317.	55.	6.
2792	0000	-550	37.6316	81.5700	PPNR	0.9	1.6	5.6	1.76	0.29	6.05	1293.	55.	5.
2793	0000	-549	37.6316	81.5706	PPNR	0.9	1.7	5.6	1.90	0.30	6.23	1322.	57.	6.
2794	0000	-546	37.6317	81.5713	PPNR	0.9	1.6	5.5	1.78	0.30	6.00	1357.	57.	7.
2795	0000	-545	37.6317	81.5718	PPNR	1.1	1.7	5.8	1.62	0.30	5.40 -	1420.	58.	8.
2796	0000	-544	37.6317	81.5725	PPNR	1.1	1.8	6.2	1.54	0.29	5.39 -	1455.	56.	7.
2797	0000	-542	37.6317	81.5731	PPNR	1.2	1.8	5.9	1.58	0.31	5.12 -	1465.	55.	8.
2798	0000	-539	37.6317	81.5737	PPNR	1.2	1.9	5.9	1.63	0.32	5.03 -	1456.	55.	7.
2799	0000	-537	37.6317	81.5743	PPNR	1.2	1.5	5.6	1.25 -	0.27	4.64 -	1445.	55.	8.
2800	0000	-535	37.6317	81.5749	PPNR	1.2	1.5	5.4	1.20 -	0.27	4.47 -	1422.	54.	8.
2801	0000	-533	37.6317	81.5755	PPNR	1.2	1.4	5.5	1.18 -	0.26	4.56 -	1385.	54.	8.
2802	0000	-533	37.6318	81.5762	PPNR	1.1	1.3	5.2	1.23 -	0.25	4.95 -	1315.	52.	8.
2803	0000	-530	37.6318	81.5767	PPNR	1.0	1.1 -	4.9	1.09 -	0.23	4.78 -	1284.	52.	9.
2804	0000	-525	37.6318	81.5774	PPNR	1.0	1.2	5.3	1.22 -	0.23	5.40 -	1275.	51.	8.
2805	0000	-523	37.6319	81.5780	PPNR	1.0	1.2	5.8	1.25 -	0.21 -	6.04	1295.	50.	8.

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FLIGHT LINE 100, DAY 293 PAGE 343

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-523	37.6319	81.5787	PPNR	0.9	1.3	6.0	1.40	0.22	6.47	1299.	48.	7.
2807	0000	-520	37.6319	81.5792	PPNR	0.9	1.4	6.2	1.58	0.23	6.80	1278.	49.	6.
2808	0000	-514	37.6319	81.5798	PPNR	0.9	1.6	6.0	1.81	0.27	6.74	1289.	48.	5.
2809	0000	-513	37.6319	81.5805	PPNR	0.9	1.5	6.2	1.63	0.24	6.75	1308.	48.	4.
2810	0000	-514	37.6320	81.5811	PPNR	0.9	1.7	6.3	1.83	0.26	7.01	1322.	47.	3.
2811	0000	-511	37.6320	81.5817	PPNR	0.9	1.6	6.0	1.80	0.27	6.72	1327.	47.	4.
2812	0000	-506	37.6319	81.5823	PPNR	0.9	1.5	6.0	1.61	0.25	6.40	1352.	47.	4.
2813	0000	-504	37.6320	81.5829	PPNR	1.0	1.6	6.4	1.62	0.25	6.59	1413.	46.	6.
2814	0000	-503	37.6320	81.5835	PPNR	1.1	1.5	6.6	1.39	0.22	6.24	1503.	44.	8.
2815	0000	-501	37.6320	81.5841	PPNR	1.1	1.1 -	7.1	0.99 -	0.16 --	6.25	1576.	43.	11.
2816	0000	-498	37.6320	81.5848	PPNR	1.2	1.5	7.6 +	1.21 -	0.20 -	6.19	1656.	43.	12.
2817	0000	-495	37.6320	81.5854	PPNR	1.3 +	1.6	7.8 +	1.23 -	0.20 -	6.13	1727.	42.	13.
2818	0000	-492	37.6321	81.5860	PPNR	1.3 +	1.5	8.5 +	1.15 -	0.18 -	6.38	1811.	41.	14.
2819	0000	-491	37.6321	81.5866	PPNR	1.4 +	1.7	8.3 +	1.23 -	0.20 -	6.05	1862.	42.	13.
2820	0000	-487	37.6321	81.5872	PPNR	1.4 +	1.8	8.5 +	1.31 -	0.21	6.13	1900.	41.	12.
2821	0000	-482	37.6322	81.5878	PPNR	1.4 +	2.2	8.7 +	1.57	0.25	6.29	1908.	42.	10.
2822	0000	-481	37.6322	81.5884	PPNR	1.3 +	2.6 +	8.3 +	1.96	0.32	6.13	1900.	44.	7.
2823	0000	-477	37.6322	81.5890	PPNR	1.3 +	2.7 +	8.2 +	2.07	0.33	6.25	1912.	42.	5.
2824	0000	-471	37.6322	81.5897	PPNR	1.4 +	2.9 ++	8.2 +	2.15	0.35	6.07	1942.	43.	3.
2825	0000	-467	37.6322	81.5902	PPNR	1.3 +	3.3 ++	7.8 +	2.48	0.42 +	5.93	1914.	45.	2.
2826	0000	-466	37.6322	81.5909	PPNR	1.2 +	3.4 +++	7.5 +	2.70 +	0.45 +	6.03	1870.	46.	1.
2827	0000	-465	37.6322	81.5914	PPNR	1.2	3.2 ++	7.0	2.77 +	0.46 +	5.97	1784.	51.	2.
2828	0000	-461	37.6322	81.5920	PPNR	1.1	2.9 ++	6.5	2.56	0.45 +	5.74	1709.	53.	3.
2829	0000	-459	37.6322	81.5925	PPNR	1.1	2.6 +	6.6	2.33	0.39 +	5.93	1654.	52.	4.
2830	0000	-458	37.6322	81.5931	PPNR	1.1	2.1	6.6	1.91	0.32	5.95	1588.	55.	5.
2831	0000	-454	37.6322	81.5936	PPNR	1.0	1.8	6.6	1.76	0.27	6.43	1534.	54.	5.
2832	0000	-454	37.6322	81.5942	PPNR	1.1	1.6	7.0	1.43	0.23	6.29	1548.	55.	6.
2833	0000	-454	37.6322	81.5947	PPNR	1.2	1.6	7.5 +	1.32 -	0.21 -	6.34	1638.	53.	7.
2834	0000	-449	37.6322	81.5953	PPNR	1.3 +	1.6	8.2 +	1.25 -	0.19 -	6.56	1731.	52.	8.
2835	0000	-449	37.6322	81.5958	PPNR	1.3 +	1.8	8.2 +	1.40	0.22	6.27	1798.	51.	8.
2836	0000	-448	37.6322	81.5963	PPNR	1.3 +	1.9	8.1 +	1.40	0.23	6.11	1839.	51.	9.
2837	0000	-443	37.6322	81.5968	PPNR	1.3 +	2.0	7.9 +	1.51	0.26	5.88	1853.	49.	9.
2838	0000	-442	37.6322	81.5974	PPNR	1.3 +	2.0	7.4 +	1.52	0.27	5.60	1821.	49.	10.
2839	0000	-440	37.6322	81.5979	PPNR	1.2	1.9	7.1	1.55	0.27	5.78	1752.	49.	10.
2840	0000	-436	37.6322	81.5985	PPNR	1.2	1.7	6.9	1.46	0.25	5.85	1623.	50.	9.
2841	0000	-435	37.6322	81.5990	PPNR	1.1	1.7	6.2	1.56	0.28	5.51	1530.	47.	8.
2842	0000	-434	37.6322	81.5996	PPNR	1.0	1.7	6.2	1.68	0.27	6.18	1464.	48.	7.
2843	0000	-431	37.6322	81.6001	PPNR	1.0	1.8	6.2	1.84	0.29	6.41	1417.	46.	6.
2844	0000	-429	37.6322	81.6007	PPNR	0.9	1.8	6.1	1.96	0.29	6.69	1369.	49.	5.
2845	0000	-427	37.6322	81.6012	PPNR	0.9	1.7	6.1	1.91	0.28	6.90	1341.	47.	4.
2846	0000	-425	37.6322	81.6018	PPNR	0.9	1.8	5.8	2.01	0.30	6.64	1334.	49.	3.
2847	0000	-422	37.6322	81.6023	PPNR	0.9	1.7	5.8	1.96	0.29	6.77	1359.	51.	2.
2848	0000	-420	37.6322	81.6028	PPNR	0.9	1.5	6.1	1.67	0.24	6.83	1379.	50.	4.
2849	0000	-419	37.6322	81.6033	PPNR	1.0	1.5	6.2	1.57	0.24	6.54	1419.	50.	5.
2850	0000	-416	37.6322	81.6039	PPNR	1.0	1.5	6.3	1.55	0.24	6.31	1471.	52.	6.
2851	0000	-412	37.6322	81.6044	PPNR	1.1	1.6	6.7	1.44	0.23	6.17	1575.	52.	8.
2852	0000	-407	37.6322	81.6050	PPNR	1.2	1.5	7.2	1.22 -	0.21 -	5.85	1693.	52.	10.
2853	0000	-405	37.6322	81.6055	PPNR	1.3 +	1.3	7.6 +	1.02 -	0.18 -	5.75	1764.	51.	13.
2854	0000	-405	37.6322	81.6061	PPNR	1.4 +	1.4	7.7 +	0.98 -	0.18 -	5.51	1814.	50.	14.
2855	0000	-402	37.6322	81.6066	PPNR	1.5 +	1.6	7.8 +	1.10 -	0.21 -	5.34 -	1883.	51.	14.
2856	0000	-397	37.6322	81.6072	PPK	1.6 +	1.6	8.3 +	1.01	0.19	5.24	1954.	51.	14.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-396	37.6322	81.6077	PPK	1.6 +	1.6	8.5 +	0.98 -	0.18 -	5.34	2001.	50.	14.
2858	0000	-398	37.6322	81.6083	PPK	1.6 +	1.6	8.0 +	1.02	0.20	5.06	1977.	50.	12.
2859	0000	-396	37.6322	81.6088	PPK	1.5 +	1.8	7.7 +	1.18	0.23	5.13	1908.	52.	10.
2860	0000	-391	37.6322	81.6093	PPK	1.5 +	2.0	7.5	1.34	0.27	5.06	1865.	50.	7.
2861	0000	-389	37.6322	81.6098	PPK	1.4	2.1	7.2	1.49	0.29	5.20	1785.	51.	6.
2862	0000	-388	37.6322	81.6104	PPK	1.3	2.1	6.7	1.60	0.31	5.18	1696.	49.	5.
2863	0000	-387	37.6322	81.6109	PPK	1.2	2.1	6.1	1.79	0.34	5.23	1581.	51.	4.
2864	0000	-384	37.6322	81.6115	PPK	1.1	1.9	5.9	1.72	0.33	5.22	1509.	51.	4.
2865	0000	-381	37.6322	81.6120	PPK	1.1	1.9	6.2	1.75	0.31	5.71	1469.	51.	5.
2866	0000	-378	37.6321	81.6126	PPK	1.1	2.1	5.9	1.95 +	0.36 +	5.41	1484.	49.	7.
2867	0000	-375	37.6321	81.6131	PPK	1.1	2.0	6.1	1.93	0.33	5.78	1514.	51.	9.
2868	0000	-376	37.6321	81.6137	PPK	1.2	2.1	6.6	1.80	0.33	5.54	1631.	48.	10.
2869	0000	-374	37.6321	81.6142	PPK	1.3	1.9	7.0	1.49	0.27	5.51	1745.	50.	13.
2870	0000	-369	37.6321	81.6148	PPK	1.4	1.7	7.3	1.25	0.23	5.40	1829.	50.	15.
2871	0000	-366	37.6321	81.6153	PPK	1.4	1.6	7.4	1.18	0.22	5.37	1848.	49.	16.
2872	0000	-365	37.6321	81.6158	PPK	1.3	1.7	6.9	1.24	0.24	5.17	1832.	50.	17.
2873	0000	-365	37.6321	81.6163	PPK	1.3	1.5	7.0	1.15	0.21	5.48	1789.	51.	17.
2874	0000	-364	37.6321	81.6169	PPK	1.3	1.3	7.3	1.00 -	0.18 -	5.63	1758.	52.	16.
2875	0000	-360	37.6321	81.6174	PPNR	1.2	1.2	7.0	0.95 --	0.17 -	5.63	1708.	52.	16.
2876	0000	-357	37.6321	81.6180	PPNR	1.3 +	1.1 -	7.2	0.86 --	0.15 --	5.65	1700.	52.	15.
2877	0000	-356	37.6321	81.6185	PPNR	1.3 +	1.3	7.6 +	1.07 -	0.18 -	6.09	1734.	50.	14.
2878	0000	-355	37.6321	81.6191	PPNR	1.2 +	1.4	7.7 +	1.15 -	0.19 -	6.16	1746.	52.	13.
2879	0000	-353	37.6321	81.6196	PPNR	1.3 +	1.4	8.0 +	1.10 -	0.18 -	6.15	1785.	49.	13.
2880	0000	-351	37.6321	81.6202	PPNR	1.3 +	1.6	8.2 +	1.19 -	0.19 -	6.24	1830.	48.	12.
2881	0000	-348	37.6321	81.6207	PPNR	1.3 +	1.8	8.0 +	1.37	0.23	6.04	1873.	45.	12.
2882	0000	-346	37.6321	81.6213	PPNR	1.3 +	1.9	7.9 +	1.39	0.23	5.92	1877.	47.	10.
2883	0000	-347	37.6321	81.6218	PPK	1.3	2.2 +	7.6 +	1.70	0.29	5.78	1863.	47.	9.
2884	0000	-347	37.6321	81.6223	PPK	1.4	2.1	7.1	1.52	0.29	5.16	1857.	46.	9.
2885	0000	-344	37.6321	81.6228	PPK	1.5 +	2.3 +	6.8	1.56	0.34	4.66 -	1896.	47.	8.
2886	0000	-343	37.6321	81.6234	PPK	1.5 +	2.2 +	7.0	1.48	0.32	4.65 -	1924.	46.	7.
2887	0000	-343	37.6321	81.6239	PPK	1.6 +	2.2	7.3	1.37	0.30	4.61 -	1934.	47.	6.
2888	0000	-342	37.6321	81.6245	PPK	1.6 +	2.3 +	7.0	1.48	0.33	4.52 -	1910.	47.	6.
2889	0000	-343	37.6321	81.6250	PPK	1.5 +	2.3 +	7.2	1.53	0.32	4.72	1873.	47.	5.
2890	0000	-342	37.6321	81.6256	PPNR	1.4 +	2.2	7.0	1.55	0.32	4.86 -	1800.	47.	5.
2891	0000	-341	37.6321	81.6261	PPNR	1.3 +	2.2	7.0	1.72	0.32	5.37 -	1694.	47.	4.
2892	0000	-343	37.6320	81.6267	PPNR	1.2	2.1	7.2	1.77	0.29	6.17	1578.	45.	3.
2893	0000	-342	37.6320	81.6272	PPNR	1.1	2.0	7.0	1.83	0.29	6.38	1470.	48.	3.
2894	0000	-342	37.6320	81.6277	PPNR	1.0	1.9	6.3	1.96	0.31	6.40	1368.	50.	3.
2895	0000	-343	37.6320	81.6283	PPNR	0.9	1.7	6.2	1.83	0.27	6.80	1287.	50.	3.
2896	0000	-343	37.6320	81.6288	PPNR	0.8	1.5	5.7	1.83	0.26	6.95	1219.	52.	3.
2897	0000	-342	37.6320	81.6293	PPNR	0.8	1.4	5.4	1.85	0.26	7.02	1152.	54.	3.
2898	0000	-341	37.6320	81.6299	PPK	0.8 -	1.4	5.1	1.83	0.29	6.42 +	1145.	55.	2.
2899	0000	-342	37.6320	81.6304	PPK	0.8 -	1.3	4.9	1.60	0.27	5.90	1177.	54.	4.
2900	0000	-342	37.6320	81.6310	PPK	0.8 -	1.5	5.1	1.78	0.29	6.12	1240.	52.	4.
2901	0000	-340	37.6320	81.6315	PPK	1.0	1.5	5.5	1.52	0.26	5.72	1349.	49.	5.
2902	0000	-339	37.6320	81.6321	PPK	1.1	1.5	5.6	1.29	0.26	4.96	1433.	53.	5.
2903	0000	-340	37.6320	81.6326	PPK	1.2	1.7	6.1	1.40	0.28	4.97	1528.	51.	5.
2904	0000	-340	37.6320	81.6332	PPK	1.3	1.6	6.9	1.22	0.24	5.16	1630.	49.	6.
2905	0000	-338	37.6320	81.6337	PPK	1.3	1.6	7.3	1.21	0.22	5.49	1669.	49.	6.
2906	0000	-339	37.6320	81.6342	PPK	1.4	1.7	7.3	1.28	0.24	5.36	1702.	52.	6.
2907	0000	-338	37.6320	81.6348	PPK	1.4	1.8	7.4	1.32	0.24	5.39	1706.	51.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LI[redacted]00, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-335	37.6320	81.6353	PPK	1.3	2.0	7.4	1.57	0.27	5.75	1686.	51.	3.
2909	0000	-335	37.6320	81.6358	PPK	1.3	2.2 +	7.8 +	1.71	0.28	6.17	1713.	47.	3.
2910	0000	-333	37.6320	81.6364	PPK	1.3	2.3 +	7.8 +	1.74	0.29	5.93	1753.	47.	4.
2911	0000	-331	37.6320	81.6370	PPK	1.4	2.7 +	7.5	1.99 +	0.36 +	5.57	1788.	48.	4.
2912	0000	-331	37.6320	81.6375	PPK	1.5 +	2.4 +	7.6 +	1.60	0.32	5.00	1861.	47.	5.
2913	0000	-331	37.6320	81.6381	PPK	1.6 +	2.3 +	7.9 +	1.41	0.29	4.85	1914.	46.	5.
2914	0000	-330	37.6320	81.6386	PPK	1.8 +	2.4 +	8.3 +	1.36	0.29	4.67 -	2031.	46.	6.
2915	0000	-329	37.6320	81.6391	PPK	1.9 ++	2.7 +	8.9 +	1.40	0.30	4.63 -	2126.	48.	6.
2916	1000	-327	37.6320	81.6397	PPK	2.0 ++	3.0 +	9.5 ++	1.52	0.32	4.77	2230.	47.	6.
2917	1000	-326	37.6320	81.6402	PPK	2.1 ++	3.3 ++	9.2 ++	1.62	0.36 +	4.51 -	2298.	48.	6.
2918	1000	-327	37.6320	81.6407	PPK	2.0 ++	3.3 ++	9.1 ++	1.70	0.37 +	4.60 -	2273.	47.	6.
2919	1000	-325	37.6320	81.6413	PPK	1.8 +	3.8 ++	8.7 +	2.05 +	0.44 ++	4.69	2201.	48.	4.
2920	1000	-324	37.6320	81.6418	PPK	1.7 +	4.0 ++	8.0 +	2.34 +	0.50 ++	4.72	2104.	50.	4.
2921	0000	-324	37.6320	81.6424	PPK	1.5 +	3.9 ++	7.4	2.56 +	0.53 +++	4.86	1970.	51.	4.
2922	0000	-326	37.6320	81.6429	PPK	1.3	3.4 ++	6.7	2.52 +	0.51 ++	4.96	1840.	49.	5.
2923	0000	-327	37.6320	81.6435	PPK	1.3	3.0 +	5.5	2.41 +	0.55 +++	4.41 -	1700.	54.	6.
2924	0000	-325	37.6320	81.6440	PPK	1.1	2.5 +	5.6	2.29 +	0.45 ++	5.07	1586.	53.	7.
2925	0000	-324	37.6320	81.6445	PPK	1.2	2.5 +	5.5	2.14 +	0.45 ++	4.79	1608.	52.	8.
2926	0000	-325	37.6320	81.6451	PPK	1.2	2.5 +	5.9	2.12 +	0.43 +	4.94	1679.	51.	9.
2927	0000	-325	37.6320	81.6456	PPK	1.2	2.7 +	6.2	2.23 +	0.43 +	5.24	1736.	49.	10.
2928	0000	-326	37.6320	81.6462	PPK	1.2	2.4 +	6.2	2.02 +	0.39 +	5.25	1743.	49.	12.
2929	0000	-324	37.6320	81.6467	PPK	1.2	2.3 +	6.1	1.92	0.38 +	5.03	1749.	49.	13.
2930	0000	-322	37.6320	81.6472	PPK	1.1	2.1	6.2	1.88	0.34	5.51	1703.	49.	14.
2931	0000	-322	37.6320	81.6478	PPK	1.1	2.1	5.9	1.89	0.35	5.46	1649.	51.	15.
2932	0000	-323	37.6320	81.6483	PPK	1.0	1.7	6.1	1.70	0.28	6.06	1571.	51.	16.
2933	0000	-321	37.6320	81.6489	PPK	0.9	1.4	5.7	1.55	0.25	6.18	1479.	52.	16.
2934	0000	-320	37.6320	81.6494	PPK	0.9	1.1	5.7	1.17	0.19	6.08	1456.	51.	16.
2935	0000	-319	37.6320	81.6500	PPK	1.0	1.2	5.4	1.20	0.22	5.51	1448.	53.	16.
2936	0000	-320	37.6320	81.6505	PPK	0.9	1.4	5.3	1.43	0.25	5.64	1425.	53.	15.
2937	0000	-324	37.6319	81.6510	PPK	0.9	1.6	5.0	1.72	0.31	5.48	1405.	52.	13.
2938	0000	-324	37.6319	81.6516	PPK	0.9	1.5	4.9	1.59	0.30	5.25	1377.	50.	12.
2939	0000	-325	37.6319	81.6521	PPK	0.9	1.6	4.8	1.82	0.33	5.44	1321.	51.	10.
2940	0000	-329	37.6319	81.6527	PPK	0.9	1.7	4.5 -	1.92	0.37 +	5.26	1256.	49.	8.
2941	0000	-327	37.6319	81.6532	PPK	0.8 -	1.8	4.2 -	2.26 +	0.43 +	5.25	1192.	51.	7.
2942	0000	-327	37.6319	81.6537	PPK	0.8 -	2.0	4.1 -	2.58 +	0.48 ++	5.34	1176.	50.	5.
2943	0000	-329	37.6319	81.6543	PPK	0.8 -	1.9	4.2 -	2.42 +	0.45 ++	5.40	1178.	50.	4.
2944	0000	-328	37.6319	81.6548	PPK	0.9	1.8	4.6 -	2.15 +	0.40 +	5.36	1234.	50.	4.
2945	0000	-328	37.6319	81.6554	PPK	0.9	2.0	5.0	2.24 +	0.40 +	5.58	1293.	48.	3.
2946	0000	-328	37.6319	81.6559	PPK	1.0	2.0	4.9	2.10 +	0.42 +	5.05	1356.	49.	3.
2947	0000	-327	37.6319	81.6565	PPK	1.0	2.0	5.2	2.02 +	0.39 +	5.20	1414.	52.	4.
2948	0000	-327	37.6319	81.6570	PPK	1.1	1.9	5.6	1.83	0.34	5.30	1467.	51.	4.
2949	0000	-326	37.6319	81.6575	PPK	1.0	1.7	5.9	1.66	0.29	5.68	1483.	50.	6.
2950	0000	-325	37.6319	81.6581	PPK	1.1	1.7	6.0	1.60	0.28	5.62	1525.	51.	8.
2951	0000	-326	37.6319	81.6587	PPK	1.1	1.7	6.4	1.52	0.26	5.85	1560.	50.	9.
2952	0000	-325	37.6319	81.6591	PPK	1.1	1.5	6.5	1.40	0.24	5.93	1586.	53.	11.
2953	0000	-323	37.6319	81.6597	PPK	1.2	1.4	7.1	1.17	0.19	6.04	1634.	52.	12.
2954	0000	-322	37.6319	81.6602	PPK	1.2	1.3	7.4	1.05	0.18 -	5.90	1688.	49.	13.
2955	0000	-321	37.6319	81.6608	PPK	1.3	1.2	7.5	0.96 -	0.16 -	5.93	1705.	52.	13.
2956	0000	-323	37.6319	81.6613	PPK	1.3	1.3	7.6 +	0.98 -	0.17 -	5.69	1744.	52.	12.
2957	0000	-324	37.6319	81.6619	PPK	1.4	1.5	8.1 +	1.06	0.18 -	5.79	1805.	53.	10.
2958	0000	-323	37.6319	81.6624	PPK	1.5 +	1.8	8.2 +	1.24	0.22	5.62	1885.	52.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-323	37.6319	81.6630		PPK	1.5 +	2.0	8.2 +	1.31	0.24	5.47	1908.	51.	6.
2960	0000	-324	37.6319	81.6635		PPK	1.4 +	2.4 +	8.1 +	1.68	0.30	5.69	1914.	49.	4.
2961	0000	-321	37.6319	81.6640		PPK	1.4	2.5 +	7.9 +	1.74	0.31	5.58	1895.	51.	3.
2962	0000	-319	37.6319	81.6646		PPK	1.4	2.7 +	7.7 +	2.00 +	0.35 +	5.64	1885.	49.	3.
2963	0000	-321	37.6319	81.6652		PPK	1.3	2.7 +	8.2 +	2.02 +	0.33	6.12	1859.	50.	2.
2964	0000	-322	37.6319	81.6656		PPK	1.2	2.7 +	7.5	2.19 +	0.36 +	6.05	1789.	49.	3.
2965	0000	-321	37.6319	81.6662		PPK	1.1	2.5 +	6.8	2.26 +	0.36 +	6.21	1660.	50.	5.
2966	0000	-321	37.6319	81.6667		PPK	1.0	2.5 +	6.6	2.57 +	0.38 +	6.76 +	1585.	52.	7.
2967	0000	-322	37.6319	81.6673		PPK	0.9	2.2 +	6.0	2.43 +	0.37 +	6.55 +	1502.	53.	9.
2968	0000	-323	37.6319	81.6678		PPK	0.8 -	2.2 +	5.6	2.65 +	0.40 +	6.67 +	1430.	52.	10.
2969	0000	-325	37.6319	81.6684		PPK	0.8 -	2.0	5.3	2.35 +	0.37 +	6.31 +	1383.	51.	11.
2970	0000	-326	37.6319	81.6689		PPK	0.8 -	2.0	4.8	2.59 +	0.42 +	6.19	1334.	49.	12.
2971	0000	-326	37.6319	81.6695		PPK	0.8 -	1.7	4.7	2.30 +	0.37 +	6.22 +	1287.	48.	12.
2972	0000	-327	37.6318	81.6700		PPK	0.8 -	1.6	4.8	2.18 +	0.34	6.37 +	1257.	48.	12.
2973	0000	-327	37.6318	81.6705		PPK	0.8 -	1.7	4.7	2.21 +	0.37 +	6.02	1254.	46.	11.
2974	0000	-326	37.6318	81.6711		PPK	0.8 -	1.6	4.7	2.07 +	0.35	5.95	1268.	46.	11.
2975	0000	-327	37.6318	81.6717		PPK	0.8 -	1.5	5.1	1.80	0.29	6.14	1300.	47.	11.
2976	0000	-327	37.6318	81.6721		PPK	0.9	1.5	5.4	1.77	0.28	6.33 +	1314.	50.	11.
2977	0000	-325	37.6318	81.6727		PPK	0.9	1.5	5.4	1.56	0.27	5.71	1348.	51.	11.
2978	0000	-322	37.6318	81.6732		PPK	1.0	1.5	5.3	1.58	0.28	5.61	1373.	51.	12.
2979	0000	-322	37.6318	81.6738		PPK	1.0	1.5	5.5	1.43	0.27	5.33	1412.	52.	12.
2980	0000	-324	37.6318	81.6743		PPK	1.1	1.2	6.1	1.12	0.19	5.77	1465.	51.	13.
2981	0000	-324	37.6318	81.6749		PPNR	1.1	1.2	6.4	1.04 -	0.18 -	5.69	1527.	53.	14.
2982	0000	-320	37.6318	81.6754		PPNR	1.1	1.4	6.6	1.24 -	0.21 -	5.98	1605.	51.	14.
2983	0000	-321	37.6318	81.6760		PPNR	1.1	1.5	6.6	1.33	0.23	5.77	1675.	50.	15.
2984	0000	-323	37.6318	81.6765		PPNR	1.1	1.8	7.0	1.67	0.26	6.30	1728.	49.	14.
2985	0000	-321	37.6318	81.6770		PPNR	1.2	1.9	7.6 +	1.64	0.26	6.41	1813.	48.	14.
2986	0000	-322	37.6318	81.6776		PPNR	1.1	2.3 +	7.7 +	2.01	0.30	6.71	1875.	49.	14.
2987	0000	-322	37.6318	81.6782		PPNR	1.1	2.6 +	7.5 +	2.34	0.35	6.63	1892.	48.	14.
2988	0000	-318	37.6318	81.6786		PPNR	1.1	3.0 ++	7.5 +	2.74 +	0.40 +	6.88	1883.	48.	13.
2989	0000	-317	37.6318	81.6792		PPNR	1.1	3.0 ++	7.4 +	2.85 +	0.41 +	7.00	1844.	49.	13.
2990	0000	-318	37.6318	81.6797		PPNR	0.9	3.2 ++	6.9	3.38 +	0.46 +	7.29	1792.	48.	12.
2991	0000	-316	37.6318	81.6803		PPNR	0.9	2.9 ++	6.7	3.08 +	0.43 +	7.09	1760.	46.	13.
2992	0000	-315	37.6318	81.6808		PPNR	0.9	3.0 ++	6.4	3.45 +	0.47 +	7.28	1706.	48.	13.
2993	0000	-315	37.6318	81.6814		PPNR	0.9	2.7 +	6.3	3.10 +	0.43 +	7.25	1663.	47.	14.
2994	0000	-312	37.6318	81.6819		PPK	0.9	2.5 +	6.1	2.73 ++	0.41 +	6.60 +	1666.	48.	16.
2995	0000	-312	37.6317	81.6825		PPK	1.0	2.2 +	6.0	2.32 +	0.37 +	6.34 +	1693.	48.	17.
2996	0000	-313	37.6317	81.6830		PPK	1.0	2.1	6.1	2.06 +	0.35 +	5.88	1763.	48.	19.
2997	0000	-314	37.6317	81.6836		PPK	1.1	1.7	7.0	1.54	0.25	6.29 +	1807.	49.	20.
2998	0000	-313	37.6317	81.6841		PPK	1.1	1.6	7.1	1.40	0.22	6.22 +	1830.	50.	20.
2999	0000	-312	37.6317	81.6846		PPNR	1.2	1.7	7.0	1.43	0.24	5.96	1853.	50.	20.
3000	0000	-314	37.6317	81.6851		PPNR	1.2	1.8	6.7	1.46	0.27	5.48	1844.	47.	19.
3001	0000	-313	37.6317	81.6857		PPNR	1.2	1.7	6.8	1.44	0.26	5.56	1798.	49.	16.
3002	0000	-312	37.6316	81.6862		PPNR	1.2	1.7	6.5	1.47	0.26	5.59	1716.	47.	14.
3003	0000	-315	37.6316	81.6867		PPNR	1.1	1.7	5.9	1.57	0.29	5.51	1608.	47.	12.
3004	0000	-315	37.6316	81.6873		PPNR	1.0	1.9	5.2	1.84	0.36	5.06 -	1518.	48.	10.
3005	0000	-313	37.6316	81.6878		PPNR	1.0	2.0	4.8	1.96	0.41 +	4.79 -	1457.	49.	9.
3006	0000	-314	37.6316	81.6883		PPNR	0.9	1.7	4.6	1.86	0.38 +	4.95 -	1373.	51.	8.
3007	0000	-316	37.6316	81.6889		PPNR	0.8	1.8	4.4 -	2.08	0.40 +	5.21 -	1321.	56.	7.
3008	0000	-315	37.6316	81.6893		PPNR	0.8	1.8	4.3 -	2.19	0.42 +	5.24 -	1298.	55.	8.
3009	0000	-314	37.6316	81.6899		PPNR	0.8	2.0	4.7	2.54	0.43 +	5.96	1300.	54.	8.

CP 9 IP 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-315	37.6315	81.6905	PPNR	0.8	2.0	5.1	2.41	0.39 +	6.24	1311.	54.	8.
3011	0000	-316	37.6315	81.6909	PPNR	0.9	2.1	5.3	2.38	0.39 +	6.13	1335.	53.	10.
3012	0000	-317	37.6315	81.6915	PPK	0.9	1.9	5.3	2.12 +	0.36 +	5.84	1314.	53.	10.
3013	0000	-317	37.6315	81.6920	PPK	0.9	1.8	5.3	1.93 +	0.33	5.88	1302.	52.	11.
3014	0000	-316	37.6315	81.6926	PPK	0.9	1.5	5.4	1.72	0.29	6.00	1285.	50.	12.
3015	0000	-315	37.6315	81.6931	PPK	0.9	1.4	5.3	1.62	0.27	6.07	1263.	50.	12.
3016	0000	-316	37.6315	81.6936	PPK	0.9	1.3	5.0	1.41	0.26	5.36	1249.	50.	12.
3017	0000	-316	37.6315	81.6942	PPK	0.9	1.3	4.7	1.40	0.27	5.19	1232.	49.	12.
3018	0000	-315	37.6315	81.6947	PPK	0.9	1.4	4.9	1.66	0.29	5.73	1265.	46.	12.
3019	0000	-315	37.6315	81.6952	PPK	0.9	1.6	5.0	1.85	0.32	5.74	1324.	45.	12.
3020	0000	-314	37.6315	81.6958	PPK	0.9	1.7	4.9	1.94 +	0.36 +	5.43	1374.	47.	13.
3021	0000	-313	37.6315	81.6963	PPK	1.0	1.8	5.4	1.87	0.34	5.44	1447.	47.	12.
3022	0000	-312	37.6315	81.6968	PPK	1.1	1.9	5.8	1.85	0.33	5.53	1504.	46.	12.
3023	0000	-311	37.6314	81.6974	PPK	1.1	1.9	5.9	1.82	0.33	5.60	1555.	46.	13.
3024	0000	-310	37.6314	81.6979	PPK	1.1	1.8	6.3	1.63	0.29	5.65	1601.	46.	13.
3025	0000	-309	37.6314	81.6984	PPK	1.1	1.8	5.9	1.65	0.31	5.31	1598.	48.	13.
3026	0000	-306	37.6314	81.6990	PPK	1.1	2.0	6.1	1.79	0.33	5.43	1611.	48.	12.
3027	0000	-304	37.6314	81.6995	PPK	1.2	2.3 +	6.6	1.92	0.34	5.62	1688.	42.	11.
3028	0000	-304	37.6314	81.7000	PPK	1.2	2.6 +	6.8	2.14 +	0.38 +	5.68	1769.	41.	10.
3029	0000	-302	37.6314	81.7005	PPK	1.2	2.6 +	6.9	2.10 +	0.38 +	5.53	1824.	40.	10.
3030	0000	-301	37.6314	81.7010	PPK	1.3	2.8 +	7.1	2.24 +	0.40 +	5.64	1847.	41.	9.
3031	0000	-302	37.6314	81.7017	PPK	1.2	3.1 +	6.9	2.45 +	0.44 ++	5.54	1843.	42.	8.
3032	0000	-300	37.6314	81.7021	PPK	1.3	2.7 +	7.4	2.14 +	0.37 +	5.79	1839.	39.	8.
3033	0000	-298	37.6313	81.7026	PPNR	1.2	2.7 +	7.3	2.18	0.36	6.01	1812.	40.	7.
3034	0000	-299	37.6313	81.7032	PPNR	1.2	2.4 +	7.1	2.09	0.34	6.09	1735.	44.	8.
3035	0000	-298	37.6313	81.7037	PPNR	1.1	2.1	6.9	1.88	0.30	6.20	1636.	45.	8.
3036	0000	-298	37.6313	81.7042	PPNR	1.0	2.1	6.6	2.08	0.32	6.51	1586.	46.	8.
3037	0000	-299	37.6313	81.7048	PPNR	1.0	2.0	6.6	1.98	0.31	6.47	1566.	45.	9.
3038	0000	-296	37.6313	81.7053	PPNR	1.0	1.8	6.8	1.75	0.27	6.55	1565.	46.	10.
3039	0000	-297	37.6313	81.7058	PPK	1.0	2.0	6.3	1.89	0.31	6.05	1581.	50.	12.
3040	0000	-301	37.6313	81.7064	PPK	1.1	1.9	6.4	1.73	0.30	5.82	1619.	50.	13.
3041	0000	-298	37.6312	81.7069	PPK	1.1	2.1	6.9	1.83	0.30	6.10	1713.	48.	14.
3042	0000	-294	37.6312	81.7074	PPK	1.2	2.4 +	7.1	1.99 +	0.33	5.97	1853.	47.	15.
3043	0000	-295	37.6312	81.7080	PPK	1.4	2.3 +	7.6 +	1.62	0.30	5.38	2022.	48.	17.
3044	0000	-295	37.6312	81.7085	PPK	1.4	2.2 +	7.5	1.64	0.30	5.52	2063.	49.	18.
3045	0000	-293	37.6312	81.7090	PPK	1.3	2.3 +	7.5	1.77	0.31	5.73	2075.	49.	18.
3046	0000	-293	37.6312	81.7096	PPK	1.3	2.4 +	7.9 +	1.82	0.30	6.03	2081.	48.	17.
3047	0000	-293	37.6312	81.7101	PPK	1.2	2.3 +	7.9 +	1.89	0.29	6.42 +	2054.	49.	17.
3048	0000	-292	37.6312	81.7107	PPK	1.2	2.2 +	7.9 +	1.82	0.27	6.64 +	1972.	50.	15.
3049	0000	-292	37.6311	81.7112	PPK	1.1	1.9	7.7 +	1.73	0.25	6.99 +	1837.	51.	14.
3050	0000	-293	37.6311	81.7117	PPK	0.9	2.2	7.3	2.35 +	0.30	7.93 ++	1693.	51.	12.
3051	0000	-291	37.6311	81.7123	PPNR	1.0	2.1	7.5 +	2.22	0.28	7.84	1663.	51.	10.
3052	0000	-290	37.6311	81.7127	PPNR	0.9	2.5 +	7.2	2.61 +	0.35	7.57	1649.	50.	8.
3053	0000	-290	37.6311	81.7132	PPNR	1.0	2.4 +	7.2	2.44	0.33	7.42	1610.	50.	9.
3054	0000	-289	37.6311	81.7138	PPNR	1.0	2.1	6.9	2.02	0.31	6.60	1579.	50.	9.
3055	0000	-289	37.6311	81.7143	PPNR	1.1	2.2	6.3	2.05	0.34	5.95	1536.	51.	8.
3056	0000	-289	37.6311	81.7149	PPNR	1.0	2.2	6.0	2.18	0.37	5.92	1512.	50.	9.
3057	0000	-290	37.6311	81.7154	PPNR	1.0	1.9	5.9	1.96	0.33	5.95	1449.	51.	10.
3058	0000	-289	37.6311	81.7159	PPNR	1.0	1.7	5.4	1.75	0.31	5.57	1380.	53.	12.
3059	0000	-289	37.6311	81.7165	PPNR	0.9	1.2	5.6	1.35	0.22	6.10	1342.	52.	13.
3060	0000	-291	37.6310	81.7170	PPK	0.9	1.3	5.3	1.46	0.25	5.74	1328.	50.	13.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293 —

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-291	37.6310	81.7175		PPK	0.8	1.6	5.3	1.88	0.30	6.21	1323.	50.	13.
3062	0000	-290	37.6310	81.7180		PPK	0.8 -	1.6	5.4	1.93	0.29	6.67 +	1340.	51.	14.
3063	0000	-290	37.6310	81.7186		PPK	0.8 -	1.5	5.4	1.82	0.28	6.49 +	1340.	53.	14.
3064	0000	-289	37.6310	81.7191		PPK	0.9	1.4	5.4	1.66	0.27	6.25 +	1358.	51.	15.
3065	0000	-288	37.6310	81.7197		PPK	0.9	1.5	5.5	1.73	0.27	6.43 +	1376.	49.	14.
3066	0000	-289	37.6310	81.7202		PPK	0.9	1.5	5.5	1.66	0.26	6.31 +	1381.	52.	15.
3067	0000	-290	37.6310	81.7207		PPK	0.8 -	1.3	5.8	1.60	0.23	6.97 +	1390.	52.	15.
3068	0000	-289	37.6310	81.7213		PPK	0.9	1.2	6.1	1.33	0.19	7.00 +	1427.	51.	16.
3069	0000	-287	37.6310	81.7218		PPK	0.9	1.0 -	6.0	1.13	0.17 -	6.55 +	1468.	51.	16.
3070	0000	-289	37.6310	81.7223		PPK	1.1	1.0 -	6.3	0.97 -	0.16 -	6.01	1548.	50.	17.
3071	0000	-290	37.6310	81.7229		PPK	1.1	1.0 -	6.3	0.89 -	0.16 -	5.52	1617.	52.	17.
3072	0000	-286	37.6309	81.7233		PPK	1.3	1.0 -	7.0	0.84 -	0.15 -	5.57	1720.	52.	17.
3073	0000	-286	37.6309	81.7239		PPK	1.3	1.4	7.4	1.03	0.19 -	5.51	1852.	49.	17.
3074	0000	-286	37.6309	81.7244		PPK	1.5 +	1.4	7.9 +	0.91 -	0.17 -	5.29	1972.	49.	17.
3075	0000	-283	37.6309	81.7250		PPK	1.5 +	1.7	8.0 +	1.12	0.21	5.25	2026.	49.	17.
3076	0000	-283	37.6309	81.7255		PPK	1.6 +	1.8	8.6 +	1.16	0.21	5.48	2065.	47.	18.
3077	0000	-284	37.6309	81.7260		PPK	1.5 +	1.9	8.7 +	1.27	0.22	5.77	2058.	46.	18.
3078	0000	-281	37.6309	81.7266		PPK	1.4 +	1.9	9.0 ++	1.29	0.21	6.27 +	2050.	46.	17.
3079	0000	-280	37.6308	81.7271		PPK	1.4 +	1.9	9.0 +	1.33	0.21	6.24 +	2046.	46.	19.
3080	0000	-281	37.6308	81.7276		PPK	1.4	1.7	8.7 +	1.20	0.19	6.36 +	1982.	49.	19.
3081	0000	-282	37.6308	81.7282		PPK	1.3	1.5	8.7 +	1.15	0.17 -	6.74 +	1900.	51.	19.
3082	0000	-281	37.6308	81.7287		PPK	1.3	1.1	8.5 +	0.91 -	0.13 -	6.74 +	1838.	53.	19.
3083	0000	-278	37.6308	81.7292		PPK	1.2	1.3	8.0 +	1.05	0.16 -	6.69 +	1797.	53.	18.
3084	0000	-277	37.6308	81.7297		PPK	1.2	1.4	7.6 +	1.13	0.18 -	6.34 +	1783.	51.	17.
3085	0000	-278	37.6308	81.7303		PPK	1.2	1.4	7.6 +	1.18	0.19	6.27 +	1781.	53.	16.
3086	0000	-280	37.6308	81.7308		PPK	1.2	1.8	7.5	1.53	0.24	6.41 +	1796.	52.	14.
3087	0000	-281	37.6307	81.7313		PPK	1.3	1.8	7.7 +	1.39	0.23	5.98	1810.	50.	12.
3088	0000	-280	37.6307	81.7319		PPK	1.3	2.1	7.3	1.64	0.29	5.62	1808.	49.	11.
3089	0000	-278	37.6307	81.7324		PPK	1.3	2.3 +	7.7 +	1.73	0.30	5.82	1824.	44.	9.
3090	0000	-276	37.6307	81.7329		PPK	1.4	2.2 +	7.7 +	1.63	0.29	5.71	1812.	45.	9.
3091	0000	-275	37.6307	81.7335		PPK	1.4	2.0	7.9 +	1.47	0.25	5.80	1777.	45.	10.
3092	0000	-276	37.6307	81.7340		PPK	1.2	2.2 +	7.5	1.75	0.29	6.05	1730.	45.	11.
3093	0000	-273	37.6307	81.7345		PPK	1.2	1.9	7.0	1.52	0.27	5.63	1666.	46.	12.
3094	0000	-270	37.6307	81.7351		PPK	1.1	1.9	6.7	1.70	0.29	5.95	1662.	47.	13.
3095	0000	-269	37.6307	81.7356		PPK	1.1	1.9	6.7	1.68	0.28	5.97	1676.	45.	14.
3096	0000	-270	37.6307	81.7361		PPK	1.1	1.8	6.1	1.60	0.29	5.45	1677.	49.	17.
3097	0000	-271	37.6306	81.7367		PPK	1.1	1.8	6.1	1.56	0.29	5.35	1713.	48.	18.
3098	0000	-274	37.6306	81.7372		PPK	1.2	1.8	6.1	1.49	0.29	5.06	1785.	47.	20.
3099	0000	-277	37.6306	81.7377		PPK	1.3	1.5	6.2	1.15	0.25	4.65 -	1826.	46.	20.
3100	0000	-277	37.6306	81.7383		PPNR	1.3 +	1.4	6.2	1.08 -	0.23	4.65 -	1814.	45.	21.
3101	0000	-276	37.6306	81.7387		PPNR	1.3 +	1.3	6.3	0.95 --	0.20 -	4.72 -	1757.	44.	21.
3102	0000	-277	37.6306	81.7393		PPNR	1.3 +	1.2	6.3	0.94 --	0.19 -	4.99 -	1715.	43.	21.
3103	0000	-277	37.6306	81.7399		PPNR	1.2	1.4	6.6	1.21 -	0.22	5.55	1690.	43.	20.
3104	0000	-277	37.6306	81.7403		PPNR	1.1	1.4	6.6	1.23 -	0.21 -	5.83	1633.	44.	19.
3105	0000	-280	37.6306	81.7409		PPNR	1.0	1.5	6.5	1.41	0.23	6.25	1546.	46.	18.
3106	0000	-280	37.6306	81.7414		PPNR	1.0	1.6	6.1	1.68	0.26	6.38	1485.	46.	16.
3107	0000	-280	37.6306	81.7419		PPNR	0.9	1.7	6.0	1.97	0.29	6.76	1446.	48.	15.
3108	0000	-281	37.6306	81.7425		PPNR	0.9	1.8	5.5	2.04	0.33	6.27	1417.	48.	14.
3109	0000	-284	37.6306	81.7430		PPNR	0.9	1.8	5.3	2.14	0.34	6.24	1398.	51.	14.
3110	0000	-284	37.6305	81.7435		PPNR	0.9	1.7	5.2	1.92	0.32	5.93	1402.	51.	13.
3111	0000	-284	37.6305	81.7441		PPNR	0.9	1.6	5.3	1.73	0.30	5.69	1449.	51.	12.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-284	37.6305	81.7446	PPNR	1.0	1.5	5.8	1.50	0.25	5.92	1527.	50.	12.
3113	0000	-284	37.6305	81.7451	PPK	1.1	1.5	6.3	1.40	0.24	5.78	1616.	52.	11.
3114	0000	-286	37.6305	81.7457	PPK	1.2	1.5	7.2	1.24	0.20	6.11	1693.	51.	11.
3115	0000	-288	37.6305	81.7462	PPK	1.3	1.8	7.6 +	1.46	0.24	6.00	1761.	51.	10.
3116	0000	-285	37.6305	81.7467	PPK	1.3	1.9	7.5	1.48	0.26	5.73	1806.	51.	10.
3117	0000	-285	37.6305	81.7473	PPK	1.3	2.0	7.6 +	1.47	0.26	5.68	1819.	48.	9.
3118	0000	-288	37.6304	81.7478	PPK	1.4	2.2 +	7.7 +	1.63	0.29	5.72	1807.	49.	7.
3119	0000	-286	37.6304	81.7484	PPK	1.3	2.3 +	7.3	1.82	0.32	5.71	1754.	49.	6.
3120	0000	-286	37.6304	81.7489	PPK	1.2	2.3 +	7.1	1.84	0.32	5.79	1694.	47.	7.
3121	0000	-289	37.6304	81.7494	PPK	1.2	2.4 +	6.3	2.08 +	0.38 +	5.48	1649.	46.	7.
3122	0000	-288	37.6304	81.7499	PPK	1.1	2.1	6.3	1.94 +	0.34	5.79	1595.	46.	7.
3123	0000	-291	37.6304	81.7505	PPK	1.1	1.9	6.9	1.72	0.27	6.27 +	1576.	45.	7.
3124	0000	-293	37.6304	81.7509	PPK	1.1	1.8	6.7	1.68	0.27	6.26 +	1559.	48.	8.
3125	0000	-290	37.6304	81.7515	PPK	1.1	1.6	6.5	1.54	0.25	6.05	1536.	50.	9.
3126	0000	-290	37.6303	81.7520	PPK	1.1	1.6	6.6	1.46	0.25	5.86	1546.	52.	10.
3127	0000	-292	37.6303	81.7525	PPK	1.2	1.6	6.7	1.37	0.24	5.64	1589.	50.	10.
3128	0000	-290	37.6303	81.7531	PPK	1.3	1.7	7.1	1.31	0.23	5.58	1656.	50.	11.
3129	0000	-291	37.6303	81.7536	PPK	1.4	1.7	7.0	1.24	0.25	5.06	1757.	50.	11.
3130	0000	-292	37.6303	81.7541	PPK	1.4 +	1.7	7.3	1.17	0.23	5.07	1840.	50.	12.
3131	0000	-292	37.6303	81.7547	PPK	1.5 +	1.8	7.4	1.21	0.25	4.90	1902.	50.	12.
3132	0000	-291	37.6303	81.7552	PPK	1.6 +	2.0	7.6 +	1.29	0.27	4.80	1976.	48.	12.
3133	0000	-293	37.6302	81.7557	PPK	1.6 +	2.1	8.0 +	1.32	0.26	4.97	2038.	45.	11.
3134	0000	-294	37.6302	81.7563	PPK	1.6 +	2.4 +	8.8 +	1.48	0.28	5.34	2090.	48.	10.
3135	0000	-293	37.6302	81.7568	PPK	1.7 +	2.3 +	9.3 ++	1.35	0.25	5.42	2150.	47.	9.
3136	0000	-294	37.6302	81.7574	PPK	1.6 +	2.4 +	10.0 ++	1.50	0.24	6.15	2144.	46.	8.
3137	0000	-294	37.6302	81.7579	PPK	1.6 +	2.5 +	9.7 ++	1.63	0.26	6.21	2089.	46.	7.
3138	0000	-293	37.6302	81.7584	PPK	1.5 +	2.6 +	9.8 ++	1.72	0.27	6.47 +	2032.	46.	6.
3139	0000	-294	37.6302	81.7590	PPK	1.5 +	2.4 +	9.7 ++	1.62	0.24	6.64 +	1960.	46.	6.
3140	0000	-294	37.6302	81.7595	PPK	1.4	2.2 +	9.6 ++	1.59	0.23	6.81 +	1878.	47.	5.
3141	0000	-294	37.6302	81.7600	PPK	1.3	1.9	8.6 +	1.49	0.22	6.66 +	1765.	46.	6.
3142	0000	-298	37.6302	81.7605	PPK	1.2	1.8	7.8 +	1.53	0.23	6.77 +	1612.	48.	8.
3143	0000	-297	37.6302	81.7610	PPK	1.1	1.7	6.9	1.59	0.25	6.33 +	1512.	49.	8.
3144	0000	-297	37.6302	81.7616	PPK	1.0	1.7	6.5	1.59	0.26	6.19	1459.	51.	10.
3145	0000	-299	37.6301	81.7621	PPK	1.0	1.4	6.5	1.32	0.21	6.23 +	1431.	51.	12.
3146	0000	-299	37.6301	81.7626	PPK	1.0	1.2	6.5	1.16	0.18 -	6.43 +	1415.	52.	13.
3147	0000	-300	37.6301	81.7632	PPK	1.0	1.0 -	6.3	1.05	0.17 -	6.30 +	1427.	52.	16.
3148	0000	-302	37.6301	81.7637	PPK	1.0	0.9 -	6.7	0.92 -	0.14 -	6.62 +	1464.	52.	17.
3149	0000	-303	37.6301	81.7643	PPK	1.0	1.0 -	6.9	0.99 -	0.15 -	6.61 +	1528.	53.	18.
3150	0000	-302	37.6301	81.7648	PPK	1.1	1.0 -	7.2	0.91 -	0.14 -	6.31 +	1583.	53.	19.
3151	0000	-302	37.6301	81.7653	PPK	1.2	1.2	7.1	0.96 -	0.16 -	5.88	1629.	53.	19.
3152	0000	-303	37.6301	81.7659	PPK	1.2	1.4	7.1	1.15	0.19	5.88	1667.	55.	19.
3153	0000	-302	37.6301	81.7664	PPK	1.2	1.6	7.2	1.32	0.22	5.95	1686.	54.	18.
3154	0000	-301	37.6301	81.7669	PPK	1.3	1.7	7.0	1.37	0.25	5.56	1704.	55.	16.
3155	0000	-303	37.6301	81.7674	PPK	1.2	1.8	6.8	1.46	0.27	5.47	1710.	53.	15.
3156	0000	-305	37.6301	81.7680	PPK	1.2	2.1	7.0	1.67	0.29	5.70	1734.	52.	13.
3157	0000	-305	37.6300	81.7685	PPK	1.2	2.1	7.6 +	1.71	0.28	6.19	1788.	52.	13.
3158	0000	-305	37.6300	81.7690	PPK	1.3	2.4 +	8.4 +	1.83	0.28	6.46 +	1920.	50.	12.
3159	0000	-305	37.6300	81.7696	PPK	1.4 +	2.6 +	8.8 +	1.84	0.30	6.14	2017.	47.	10.
3160	0000	-306	37.6300	81.7701	PPK	1.5 +	2.9 +	8.7 +	1.94 +	0.33	5.85	2071.	45.	10.
3161	0000	-306	37.6300	81.7706	PPK	1.5 +	3.0 +	8.5 +	2.06 +	0.36 +	5.76	2053.	46.	9.
3162	0000	-307	37.6300	81.7712	PPK	1.5 +	3.1 ++	8.2 +	2.13 +	0.38 +	5.60	2027.	48.	9.

CP 9 LP 12

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-310	37.6300	81.7717		PPK	1.5 +	2.8 +	8.0 +	1.90	0.35	5.47	1946.	47.	9.
3164	0000	-311	37.6299	81.7722		PPK	1.4	2.7 +	7.1	1.94 +	0.38 +	[illegible]	1822.	46.	9.
3165	0000	-310	37.6299	81.7727		PPK	1.3	2.3 +	6.0	1.80	0.37 +	[illegible]	1634.	46.	9.
3166	0000	-312	37.6299	81.7733		PPK	1.1	1.7	5.5	1.56	0.32	[illegible]	1473.	47.	11.
3167	0000	-312	37.6299	81.7738		PPK	1.0	1.4	5.3	1.38	0.27	5.18	1359.	48.	12.
3168	0000	-310	37.6299	81.7744		PPK	0.9	1.3	5.4	1.51	0.25	6.05	1293.	49.	12.
3169	0000	-313	37.6299	81.7749		PPK	0.8 -	1.3	5.3	1.52	0.24	6.45 +	1224.	49.	12.
3170	0000	-316	37.6299	81.7754		PPK	0.8 -	1.3	5.0	1.76	0.27	6.56 +	1187.	50.	13.
3171	0000	-316	37.6299	81.7760		PPK	0.7 -	1.2	5.1	1.60	0.23	7.08 +	1167.	50.	14.
3172	0000	-316	37.6298	81.7765		PPK	0.7 -	1.0 -	5.3	1.44	0.19	7.41 ++	1159.	48.	14.
3173	0000	-318	37.6298	81.7770		PPK	0.7 -	1.2	5.1	1.82	0.24	7.71 ++	1157.	47.	14.
3174	0000	-318	37.6298	81.7775		PPK	0.7 -	1.3	4.9	1.86	0.27	6.95 +	1186.	47.	14.
3175	0000	-318	37.6298	81.7780		PPK	0.8 -	1.1	5.1	1.37	0.23	6.05	1227.	47.	13.
3176	0000	-319	37.6298	81.7786		PPK	0.9	1.1 -	5.2	1.23	0.20	6.09	1269.	48.	13.
3177	0000	-318	37.6298	81.7791		PPK	0.9	1.2	5.5	1.38	0.22	6.29 +	1313.	48.	12.
3178	0000	-316	37.6298	81.7796		PPK	0.9	1.3	5.6	1.46	0.24	6.12	1362.	49.	11.
3179	0000	-317	37.6298	81.7802		PPK	0.9	1.6	6.0	1.72	0.27	6.41 +	1432.	52.	10.
3180	0000	-317	37.6297	81.7807		PPK	1.1	1.7	6.7	1.60	0.25	6.31 +	1512.	55.	9.
3181	0000	-315	37.6297	81.7812		PPK	1.1	1.8	7.2	1.62	0.25	6.62 +	1572.	55.	9.
3182	0000	-315	37.6297	81.7818		PPK	1.1	1.8	7.1	1.59	0.25	6.45 +	1618.	54.	10.
3183	0000	-315	37.6297	81.7823		PPK	1.2	1.7	7.5	1.39	0.22	6.25 +	1579.	50.	12.
3184	0000	-315	37.6297	81.7828		PPK	1.3	1.5	7.8 +	1.15	0.19	5.93	1777.	48.	14.
3185	0000	-315	37.6297	81.7834		PPK	1.5 +	1.1	8.6 +	0.77 -	0.13 -	5.81	1892.	48.	17.
3186	0000	-316	37.6297	81.7839		PPK	1.6 +	1.2	8.7 +	0.74 -	0.14 -	5.39	2021.	46.	21.
3187	0000	-317	37.6297	81.7844		PPK	1.6 +	1.0 -	8.8 +	0.64 --	0.12 -	5.41	2108.	45.	24.
3188	0000	-319	37.6297	81.7850		PPK	1.7 +	0.8 -	9.1 ++	0.47 ---	0.09 --	5.33	2182.	45.	27.
3189	0010	-317	37.6297	81.7855		PPK	1.7 +	0.7	N.A.	9.1 ++	0.40	N.A.	0.08	N.A.	5.28	2215.	46.	29.
3190	0010	-316	37.6297	81.7861		PPK	1.7 +	0.7	N.A.	8.8 +	0.40	N.A.	0.08	N.A.	5.24	2208.	45.	29.
3191	0010	-318	37.6297	81.7866		PPK	1.6 +	0.6	N.A.	8.6 +	0.41	N.A.	0.08	N.A.	5.40	2134.	45.	29.
3192	0000	-316	37.6297	81.7870		PPK	1.5 +	1.2		7.9 +	0.80 -		0.15 -		5.42	2061.	46.	28.
3193	0000	-315	37.6296	81.7877		PPK	1.3	1.2		8.1 +	0.88 -		0.15 -		6.03	1995.	45.	25.
3194	0000	-316	37.6296	81.7882		PPK	1.3	1.3		7.9 +	0.97 -		0.16 -		6.04	1914.	45.	23.
3195	0000	-314	37.6296	81.7886		PPK	1.3	1.5		7.8 +	1.21		0.19		6.27 +	1869.	45.	19.
3196	0000	-316	37.6296	81.7892		PPK	1.2	1.9		8.0 +	1.54		0.24		6.53 +	1856.	43.	17.
3197	0000	-319	37.6296	81.7897		PPK	1.3	2.1		8.2 +	1.59		0.26		6.15	1899.	44.	15.
3198	0000	-317	37.6295	81.7902		PPK	1.4	2.5 +		8.4 +	1.85		0.30		6.13	1968.	42.	14.
3199	0000	-318	37.6295	81.7908		PPK	1.4	2.4 +		8.7 +	1.67		0.27		6.12	2008.	42.	14.
3200	0000	-321	37.6295	81.7913		PPK	1.5 +	2.4 +		8.2 +	1.61		0.29		5.60	1986.	44.	14.
3201	0000	-319	37.6295	81.7918		PPK	1.5 +	2.6 +		8.2 +	1.76		0.31		5.62	2026.	40.	14.
3202	0000	-319	37.6295	81.7924		PPK	1.5 +	2.5 +		8.0 +	1.72		0.31		5.47	2023.	40.	15.
3203	0000	-321	37.6295	81.7929		PPK	1.5 +	2.3 +		8.2 +	1.60		0.29		5.62	2027.	40.	15.
3204	0000	-322	37.6295	81.7934		PPK	1.4	2.3 +		7.8 +	1.68		0.30		5.63	1993.	41.	15.
3205	0000	-322	37.6295	81.7940		PPK	1.4	2.0		7.3	1.40		0.27		5.23	1929.	43.	15.
3206	0000	-322	37.6295	81.7945		PPK	1.3	2.0		6.8	1.56		0.29		5.38	1857.	44.	14.
3207	0000	-321	37.6295	81.7951		PPK	1.2	1.9		6.4	1.52		0.29		5.21	1797.	43.	14.
3208	0000	-323	37.6295	81.7956		PPK	1.2	1.6		6.2	1.33		0.26		5.04	1716.	44.	14.
3209	0000	-326	37.6295	81.7961		PPK	1.2	1.5		6.0	1.29		0.25		5.13	1635.	43.	14.
3210	0000	-328	37.6295	81.7967		PPK	1.1	1.6		5.7	1.45		0.28		5.21	1534.	44.	13.
3211	0000	-328	37.6294	81.7972		PPK	1.0	1.4		5.9	1.42		0.24		5.87	1447.	47.	13.
3212	0000	-326	37.6294	81.7977		PPK	0.9	1.5		5.6	1.59		0.27		5.91	1373.	47.	13.
3213	0000	-326	37.6294	81.7983		PPK	1.0	1.3		5.4	1.31		0.24		5.46	1335.	48.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-326	37.6294	81.7987		PPK	1.0	1.3	5.8	1.31	0.23	5.24	1322.	50.	11.
3215	0000	-327	37.6294	81.7992		PPK	1.0	1.7	5.7	1.78	0.30	5.38	1328.	53.	10.
3216	0000	-329	37.6294	81.7999		PPK	1.0	2.0	5.5	2.05 +	0.36 +	5.72	1364.	56.	10.
3217	0000	-328	37.6294	81.8003		PPK	1.0	2.1	5.6	2.00 +	0.38 +	5.32	1430.	57.	9.
3218	0000	-327	37.6293	81.8009		PPK	1.1	2.3 +	5.7	2.08 +	0.41 +	5.13	1493.	56.	8.
3219	0000	-329	37.6293	81.8014		PPK	1.2	2.3 +	5.9	2.00 +	0.40 +	5.06	1567.	57.	7.
3220	0000	-330	37.6293	81.8019		PPK	1.2	2.6 +	6.5	2.22 +	0.40 +	5.52	1635.	56.	6.
3221	0000	-328	37.6293	81.8025		PPK	1.2	2.7 +	6.3	2.21 +	0.43 +	5.17	1688.	57.	6.
3222	0000	-329	37.6293	81.8030		PPK	1.3	2.5 +	6.6	1.90	0.37 +	5.13	1739.	58.	6.
3223	0000	-328	37.6293	81.8035		PPK	1.3	2.4 +	7.1	1.82	0.34	5.33	1766.	56.	6.
3224	0000	-326	37.6293	81.8041		PPK	1.3	2.4 +	7.1	1.82	0.34	5.36	1770.	53.	7.
3225	0000	-325	37.6293	81.8046		PPK	1.4	2.4 +	6.9	1.72	0.34	5.01	1798.	51.	8.
3226	0000	-325	37.6292	81.8051		PPK	1.4	2.4 +	7.3	1.74	0.33	5.29	1820.	48.	9.
3227	0000	-326	37.6292	81.8057		PPK	1.3	2.5 +	7.1	1.88	0.35	5.43	1846.	48.	11.
3228	0000	-326	37.6292	81.8062		PPK	1.3	2.4 +	7.6 +	1.87	0.32	5.88	1874.	45.	13.
3229	0000	-326	37.6292	81.8067		PPK	1.4	2.4 +	7.7 +	1.80	0.32	5.67	1921.	46.	13.
3230	0000	-327	37.6292	81.8073		PPK	1.4	2.3 +	8.4 +	1.67	0.27	6.16	1995.	47.	14.
3231	0000	-325	37.6292	81.8078		PPK	1.5 +	2.2 +	9.3 ++	1.42	0.24	6.04	2096.	48.	14.
3232	0000	-324	37.6292	81.8083		PPK	1.6 +	2.4 +	10.0 ++	1.51	0.24	6.17	2198.	48.	13.
3233	0000	-322	37.6292	81.8089		PPK	1.8 +	2.5 +	9.9 ++	1.44	0.25	5.66	2293.	48.	13.
3234	0000	-321	37.6291	81.8094		PPK	1.9 ++	2.5 +	10.1 ++	1.35	0.25	5.42	2327.	46.	12.
3235	0000	-322	37.6291	81.8099		PPK	1.8 +	2.3 +	9.9 ++	1.27	0.24	5.36	2337.	45.	12.
3236	0000	-321	37.6291	81.8104		PPK	1.8 +	2.3 +	9.8 ++	1.27	0.24	5.37	2309.	44.	12.
3237	0000	-318	37.6291	81.8110		PPK	1.8 +	2.3 +	9.4 ++	1.30	0.25	5.22	2260.	42.	12.
3238	0000	-320	37.6291	81.8115		PPK	1.6 +	2.2 +	8.8 +	1.37	0.25	5.38	2206.	41.	14.
3239	0000	-320	37.6291	81.8120		PPK	1.6 +	1.9	9.0 ++	1.19	0.21	5.73	2182.	41.	16.
3240	0000	-318	37.6291	81.8126		PPK	1.4 +	1.4	9.3 ++	0.99 -	0.15 -	6.48 +	2138.	43.	18.
3241	0000	-321	37.6291	81.8130		PPK	1.4	1.3	9.4 ++	0.90 -	0.13 -	6.77 +	2120.	46.	19.
3242	0000	-321	37.6291	81.8136		PPK	1.4	1.4	9.2 ++	1.00 -	0.15 -	6.52 +	2088.	45.	20.
3243	0000	-319	37.6291	81.8140		PPK	1.4	1.3	9.5 ++	0.94 -	0.14 -	6.80 +	2077.	45.	21.
3244	0000	-320	37.6292	81.8145		PPK	1.4	1.5	8.7 +	1.04	0.17 -	6.14	2081.	43.	21.
3245	0000	-318	37.6292	81.8150		PPK	1.4	1.5	8.7 +	1.07	0.17 -	6.14	2048.	43.	19.
3246	0000	-316	37.6292	81.8155		PPK	1.4	1.7	7.8 +	1.23	0.22	5.66	1952.	42.	18.
3247	0000	-320	37.6292	81.8160		PPK	1.3	2.0	7.0	1.51	0.29	5.26	1875.	45.	16.
3248	0000	-320	37.6293	81.8164		PPK	1.3	1.9	6.9	1.43	0.28	5.21	1836.	44.	14.
3249	0000	-316	37.6293	81.8169		PPK	1.3	1.8	6.9	1.34	0.26	5.15	1831.	46.	13.
3250	0000	-319	37.6293	81.8174		PPK	1.3	2.0	6.8	1.53	0.29	5.26	1781.	46.	11.
3251	0000	-321	37.6293	81.8179		PPK	1.2	1.8	7.0	1.51	0.26	5.72	1715.	47.	10.
3252	0000	-320	37.6293	81.8183		PPK	1.2	1.9	6.5	1.65	0.29	5.66	1657.	48.	10.
3253	0000	-321	37.6294	81.8188		PPK	1.1	1.8	6.7	1.61	0.27	5.97	1640.	47.	10.
3254	0000	-321	37.6294	81.8194		PPK	1.1	1.6	6.7	1.41	0.24	5.84	1620.	47.	12.
3255	0000	-320	37.6294	81.8198		PPK	1.1	1.6	6.3	1.46	0.26	5.60	1581.	46.	13.
3256	0000	-320	37.6294	81.8203		PPK	1.1	1.5	6.3	1.43	0.24	5.84	1511.	46.	14.
3257	0000	-321	37.6294	81.8208		PPK	1.1	1.3	6.1	1.19	0.22	5.45	1502.	46.	16.
3258	0000	-320	37.6295	81.8212		PPK	1.1	1.1	5.9	1.00 -	0.19 -	5.36	1485.	49.	18.
3259	0000	-319	37.6295	81.8217		PPK	1.1	1.0 -	5.9	0.87 -	0.17 -	5.25	1481.	49.	19.
3260	0000	-318	37.6295	81.8222		PPK	1.1	0.9 -	5.6	0.78 -	0.15 -	5.08	1454.	49.	19.
3261	0000	-319	37.6295	81.8227		PPK	1.1	0.9 -	5.4	0.90 -	0.18 -	5.11	1420.	48.	18.
3262	0000	-319	37.6296	81.8232		PPK	1.0	0.8 -	5.3	0.82 -	0.16 -	5.16	1381.	48.	18.
3263	0000	-318	37.6296	81.8236		PPK	1.0	1.0 -	5.0	1.03	0.20	5.16	1367.	47.	16.
3264	0000	-318	37.6295	81.8241		PPK	0.9	1.1	4.7	1.20	0.24	5.09	1333.	46.	15.

CP9 1P12

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100; DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-318	37.6296	81.8247	PPK	0.9	1.4	4.6 -	1.54	0.31	4.98	1330.	44.	14.
3266	0000	-319	37.6296	81.8250	PPK	1.0	1.4	4.8	1.46	0.30	4.95	1346.	44.	14.
3267	0000	-320	37.6297	81.8256	PPK	1.0	1.6	4.8	1.70	0.34	4.96	1385.	43.	13.
3268	0000	-319	37.6297	81.8260	PPK	1.1	1.7	5.5	1.51	0.30	4.98	1467.	45.	12.
3269	0000	-318	37.6297	81.8265	PPK	1.2	1.8	5.9	1.42	0.30	4.76	1569.	47.	12.
3270	0000	-319	37.6297	81.8270	PPK	1.3	1.8	6.3	1.37	0.29	4.76	1644.	48.	12.
3271	0000	-319	37.6297	81.8274	PPK	1.4	2.0	6.7	1.44	0.30	4.83	1708.	47.	11.
3272	0000	-319	37.6298	81.8279	PPK	1.4 +	2.0	6.9	1.37	0.29	4.81	1752.	45.	11.
3273	0000	-318	37.6298	81.8285	PPK	1.5 +	2.3 +	7.0	1.54	0.32	4.74	1777.	48.	9.
3274	0000	-319	37.6298	81.8289	PPK	1.6 +	2.1	6.9	1.37	0.31	4.42 -	1789.	50.	9.
3275	0000	-320	37.6298	81.8294	PPK	1.5 +	2.2	6.8	1.44	0.32	4.51 -	1775.	47.	9.
3276	0000	-316	37.6299	81.8298	PPK	1.4 +	2.5 +	6.7	1.78	0.38 +	4.68 -	1780.	45.	8.
3277	0000	-314	37.6299	81.8303	PPK	1.4 +	2.5 +	6.5	1.74	0.38 +	4.51 -	1795.	46.	8.
3278	0000	-313	37.6299	81.8308	PPK	1.5 +	2.5 +	6.4	1.66	0.39 +	4.30 -	1829.	48.	8.
3279	0000	-312	37.6299	81.8313	PPK	1.5 +	2.6 +	6.5	1.70	0.39 +	4.32 -	1874.	50.	8.
3280	0000	-313	37.6299	81.8317	PPK	1.6 +	2.6 +	6.8	1.65	0.38 +	4.38 -	1936.	48.	8.
3281	0000	-313	37.6300	81.8323	PPK	1.6 +	2.9 +	6.9	1.81	0.42 +	4.27 -	1987.	47.	8.
3282	0000	-312	37.6300	81.8327	PPK	1.7 +	2.9 +	7.0	1.75	0.42 +	4.19 -	2003.	49.	7.
3283	0000	-312	37.6300	81.8332	PPK	1.7 +	2.6 +	6.7	1.50	0.39 +	3.89 --	1973.	52.	7.
3284	0000	-310	37.6300	81.8337	PPK	1.7 +	2.6 +	6.9	1.53	0.38 +	4.03 --	1960.	50.	6.
3285	0000	-309	37.6300	81.8342	PPK	1.7 +	2.6 +	6.7	1.58	0.39 +	4.05 --	1900.	49.	5.
3286	0000	-309	37.6301	81.8347	PPK	1.6 +	2.6 +	6.4	1.64	0.40 +	4.06 --	1840.	51.	5.
3287	0000	-309	37.6301	81.8351	PPK	1.5 +	2.3 +	6.5	1.52	0.35	4.34 -	1769.	50.	4.
3288	0000	-309	37.6301	81.8356	PPK	1.4	2.1	6.7	1.52	0.31	4.84	1697.	51.	3.
3289	0000	-309	37.6301	81.8361	PPK	1.3	2.2	6.6	1.70	0.33	5.22	1669.	51.	2.
3290	0000	-307	37.6302	81.8365	PPK	1.2	2.2 +	7.2	1.80	0.31	5.85	1660.	47.	2.
3291	0000	-305	37.6302	81.8371	PPK	1.2	2.4 +	7.2	2.08 +	0.34	6.21	1656.	47.	2.
3292	0000	-305	37.6302	81.8375	PPK	1.2	2.5 +	7.5	2.18 +	0.34	6.39 +	1684.	48.	2.
3293	0000	-304	37.6302	81.8380	PPK	1.2	2.4 +	8.0 +	1.94 +	0.30	6.47 +	1709.	46.	3.
3294	0000	-304	37.6302	81.8385	PPK	1.3	2.4 +	7.8 +	1.87	0.30	6.17	1729.	47.	4.
3295	0000	-303	37.6303	81.8389	PPK	1.3	2.4 +	8.0 +	1.85	0.30	6.05	1787.	48.	5.
3296	0000	-302	37.6303	81.8395	PPK	1.4	2.5 +	7.5	1.83	0.33	5.50	1806.	48.	6.
3297	0000	-299	37.6303	81.8399	PPK	1.3	2.6 +	7.1	2.00 +	0.36 +	5.50	1784.	48.	8.
3298	0000	-298	37.6303	81.8404	PPK	1.3	2.3 +	6.7	1.69	0.34	5.00	1745.	49.	10.
3299	0000	-299	37.6304	81.8409	PPK	1.3	1.9	6.6	1.43	0.28	5.03	1719.	49.	11.
3300	0000	-298	37.6304	81.8413	PPK	1.3	1.9	6.5	1.48	0.29	5.05	1695.	50.	12.
3301	0000	-296	37.6304	81.8418	PPK	1.2	1.9	6.4	1.51	0.29	5.13	1678.	52.	13.
3302	0000	-297	37.6304	81.8423	PPK	1.2	1.6	6.3	1.35	0.26	5.17	1637.	50.	15.
3303	0000	-296	37.6304	81.8427	PPK	1.2	1.5	6.8	1.23	0.22	5.72	1626.	51.	15.
3304	0000	-295	37.6305	81.8433	PPK	1.3	1.3	6.8	1.04	0.19	5.41	1651.	52.	15.
3305	0000	-296	37.6305	81.8438	PPK	1.3	1.4	7.1	1.14	0.20	5.59	1689.	53.	15.
3306	0000	-295	37.6305	81.8442	PPK	1.3	1.6	7.0	1.21	0.22	5.39	1684.	52.	14.
3307	0000	-295	37.6305	81.8447	PPK	1.3	1.6	6.4	1.30	0.26	5.02	1649.	51.	14.
3308	0000	-296	37.6305	81.8451	PPK	1.3	1.8	6.1	1.38	0.29	4.78	1624.	48.	13.
3309	0000	-298	37.6306	81.8456	PPK	1.2	1.7	5.9	1.42	0.30	4.79	1577.	49.	12.
3310	0000	-297	37.6306	81.8462	PPK	1.3	1.6	5.5	1.25	0.28	4.42 -	1544.	46.	12.
3311	0000	-295	37.6306	81.8466	PPK	1.3	1.5	5.6	1.15	0.26	4.41 -	1535.	43.	12.
3312	0000	-295	37.6306	81.8471	PPK	1.3	1.4	5.7	1.12	0.25	4.56 -	1530.	42.	12.
3313	0000	-295	37.6307	81.8476	PPK	1.3	1.4	6.1	1.09	0.23	4.68 -	1587.	44.	12.
3314	0000	-293	37.6307	81.8480	PPK	1.5 +	1.2	6.7	0.84 -	0.19 -	4.50 -	1708.	45.	13.
3315	0000	-292	37.6307	81.8485	PPK	1.6 +	1.2	7.2	0.79 -	0.17 -	4.56 -	1818.	45.	13.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-292	37.6307	81.8490	PPK	1.7 +	1.3	7.4	0.77 -	0.18 -	4.34 -	1936.	45.	14.
3317	0000	-290	37.6307	81.8494	PPK	1.8 +	1.3	7.8 +	0.71 --	0.16 -	4.33 -	2031.	48.	15.
3318	0000	-288	37.6308	81.8500	PPK	1.8 +	1.5	7.9 +	0.84 -	0.19	4.40 -	2086.	50.	16.
3319	0000	-290	37.6308	81.8504	PPK	1.8 +	1.4	8.0 +	0.76 -	0.17 -	4.35 -	2099.	52.	17.
3320	0000	-292	37.6308	81.8509	PPK	1.8 +	1.3	8.2 +	0.70 --	0.15 -	4.52 -	2072.	51.	18.
3321	0000	-290	37.6308	81.8514	PPK	1.7 +	1.3	7.9 +	0.74 -	0.16 -	4.64 -	1994.	50.	18.
3322	0000	-286	37.6308	81.8519	PPK	1.6 +	1.2	7.5	0.72 -	0.16 -	4.56 -	1914.	51.	19.
3323	0000	-287	37.6309	81.8524	PPK	1.5 +	1.1	7.2	0.75 -	0.16 -	4.73	1849.	52.	20.
3324	0000	-288	37.6309	81.8528	PPK	1.4	1.6	6.8	1.12	0.23	4.81	1815.	52.	20.
3325	0000	-287	37.6309	81.8533	PPK	1.4 +	1.5	6.9	1.02	0.21	4.83	1842.	51.	20.
3326	0000	-284	37.6309	81.8538	PPK	1.5 +	1.9	7.1	1.30	0.27	4.83	1943.	49.	20.
3327	0000	-281	37.6310	81.8543	PPK	1.6 +	2.1	7.5	1.29	0.28	4.62 -	2054.	49.	20.
3328	0000	-279	37.6310	81.8548	PPK	1.7 +	2.3 +	8.2 +	1.35	0.28	4.78	2178.	48.	20.
3329	0000	-278	37.6310	81.8552	PPK	1.7 +	2.6 +	8.1 +	1.48	0.32	4.64 -	2244.	49.	19.
3330	0000	-278	37.6310	81.8557	PPK	1.8 +	2.7 +	8.5 +	1.47	0.32	4.64 -	2281.	45.	18.
3331	0000	-279	37.6310	81.8562	PPK	1.9 ++	2.6 +	8.6 +	1.41	0.31	4.62 -	2288.	45.	17.
3332	0000	-278	37.6311	81.8566	PPK	1.9 ++	2.5 +	8.8 +	1.35	0.29	4.69	2258.	45.	16.
3333	0000	-276	37.6310	81.8572	PPK	1.8 +	2.7 +	8.0 +	1.49	0.33	4.49 -	2196.	47.	15.
3334	0000	-278	37.6311	81.8577	PPK	1.7 +	2.9 +	7.8 +	1.73	0.37 +	4.63 -	2149.	46.	14.
3335	0000	-277	37.6311	81.8581	PPK	1.6 +	2.7 +	7.5	1.72	0.36 +	4.72	2051.	47.	13.
3336	0000	-275	37.6311	81.8586	PPK	1.6 +	2.6 +	7.7 +	1.66	0.34	4.93	1977.	47.	12.
3337	0000	-275	37.6312	81.8591	PPK	1.5 +	2.6 +	7.4	1.77	0.35 +	5.03	1918.	49.	11.
3338	0000	-276	37.6312	81.8595	PPK	1.4	2.6 +	7.7 +	1.83	0.34	5.43	1857.	48.	10.
3339	0000	-277	37.6312	81.8600	PPK	1.3	2.7 +	6.9	2.04 +	0.39 +	5.17	1790.	48.	9.
3340	0000	-276	37.6312	81.8605	PPK	1.3	2.4 +	7.2	1.87	0.33	5.69	1698.	48.	8.
3341	0000	-277	37.6313	81.8610	PPK	1.2	2.1	6.9	1.75	0.31	5.72	1608.	49.	8.
3342	0000	-278	37.6313	81.8615	PPK	1.1	2.1	6.5	1.88	0.33	5.77	1556.	48.	8.
3343	0000	-275	37.6313	81.8619	PPK	1.1	1.9	6.3	1.77	0.31	5.71	1529.	47.	8.
3344	0000	-273	37.6313	81.8624	PPK	1.1	1.8	6.3	1.67	0.29	5.77	1516.	49.	9.
3345	0000	-274	37.6313	81.8629	PPK	1.1	1.6	5.9	1.40	0.27	5.15	1527.	49.	11.
3346	0000	-273	37.6313	81.8633	PPK	1.1	1.6	6.2	1.37	0.25	5.42	1561.	50.	11.
3347	0000	-273	37.6313	81.8639	PPK	1.2	1.5	6.1	1.31	0.25	5.15	1592.	51.	13.
3348	0000	-274	37.6314	81.8644	PPK	1.2	1.6	6.0	1.29	0.26	4.94	1617.	52.	14.
3349	0000	-272	37.6314	81.8648	PPK	1.3	1.6	5.9	1.23	0.26	4.72	1655.	53.	14.
3350	0000	-271	37.6315	81.8653	PPK	1.3	1.8	6.1	1.41	0.29	4.82	1721.	55.	15.
3351	0000	-271	37.6314	81.8657	PPK	1.3	2.1	6.2	1.59	0.33	4.81	1791.	51.	16.
3352	0000	-270	37.6314	81.8662	PPK	1.3	2.1	6.7	1.68	0.32	5.23	1848.	50.	16.
3353	0000	-268	37.6315	81.8668	PPK	1.3	2.2 +	6.5	1.69	0.34	4.99	1885.	49.	17.
3354	0000	-265	37.6315	81.8672	PPK	1.3	2.3 +	6.7	1.79	0.34	5.19	1926.	49.	16.
3355	0000	-263	37.6315	81.8677	PPK	1.3	2.3 +	7.2	1.75	0.32	5.46	1949.	47.	15.
3356	0000	-263	37.6315	81.8682	PPK	1.3	2.5 +	7.0	1.94 +	0.35 +	5.51	1944.	46.	16.
3357	0000	-262	37.6316	81.8686	PPK	1.2	2.4 +	7.2	1.96 +	0.34	5.75	1915.	46.	16.
3358	0000	-261	37.6316	81.8691	PPK	1.2	2.3 +	6.8	1.95 +	0.34	5.79	1868.	47.	17.
3359	0000	-260	37.6316	81.8696	PPK	1.1	2.4 +	6.6	2.15 +	0.37 +	5.77	1831.	46.	18.
3360	0000	-257	37.6317	81.8700	PPK	1.1	2.6 +	6.4	2.34 +	0.41 +	5.77	1805.	47.	19.
3361	0000	-257	37.6317	81.8706	PPK	1.1	2.7 +	6.3	2.42 +	0.44 ++	5.51	1836.	46.	21.
3362	0000	-257	37.6317	81.8710	PPK	1.2	2.8 +	6.0	2.29 +	0.46 ++	4.99	1876.	46.	23.
3363	0000	-255	37.6317	81.8715	PPK	1.3	2.5 +	6.2	1.97 +	0.40 +	4.95	1898.	46.	21.
3364	0000	-254	37.6317	81.8720	PPK	1.3	2.5 +	6.4	1.87	0.38 +	4.88	1931.	47.	23.
3365	0000	-252	37.6317	81.8725	PPK	1.3	2.4 +	6.9	1.81	0.36 +	5.09	1939.	45.	21.
3366	0000	-250	37.6317	81.8729	PPK	1.3	2.5 +	6.5	1.89	0.38 +	4.91	1921.	45.	19.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-251	37.6318	81.8734	PPK	1.3	2.4 +	6.6	1.87	0.36 +	5.13	1885.	44.	17.
3368	0000	-251	37.6318	81.8739	PPK	1.2	2.1	6.5	1.73	0.33	5.26	1787.	45.	14.
3369	0000	-251	37.6319	81.8744	PPK	1.2	2.0	6.4	1.74	0.32	5.49	1696.	44.	13.
3370	0000	-252	37.6319	81.8749	PPK	1.1	2.1	6.2	1.94 +	0.35	5.58	1650.	44.	12.
3371	0000	-254	37.6319	81.8754	PPK	1.1	2.0	5.8	1.91	0.35	5.49	1611.	43.	13.
3372	0000	-252	37.6319	81.8759	PPK	1.0	1.9	5.6	1.84	0.34	5.46	1587.	44.	13.
3373	0000	-251	37.6319	81.8763	PPK	1.0	1.5	6.0	1.42	0.25	5.74	1564.	46.	16.
3374	0000	-252	37.6320	81.8768	PPK	1.0	1.2	5.9	1.12	0.20	5.66	1537.	44.	17.
3375	0000	-251	37.6320	81.8772	PPK	1.0	1.0 -	5.8	1.01	0.18 -	5.66	1537.	45.	18.
3376	0000	-252	37.6320	81.8777	PPK	1.0	1.1	6.0	1.09	0.18 -	5.99	1549.	46.	18.
3377	0000	-251	37.6320	81.8783	PPK	1.0	1.2	5.9	1.23	0.21	5.92	1559.	46.	18.
3378	0000	-248	37.6320	81.8787	PPK	1.0	1.3	6.1	1.38	0.22	6.27 +	1560.	47.	17.
3379	0000	-249	37.6320	81.8792	PPK	1.0	1.5	6.2	1.48	0.24	6.22 +	1596.	48.	17.
3380	0000	-250	37.6320	81.8797	PPK	1.0	1.9	6.1	1.83	0.30	6.03	1644.	48.	15.
3381	0000	-246	37.6321	81.8801	PPK	1.1	2.2 +	6.2	2.03 +	0.35	5.85	1736.	48.	14.
3382	0000	-244	37.6321	81.8806	PPK	1.2	2.5 +	6.5	2.12 +	0.38 +	5.58	1844.	47.	13.
3383	0000	-245	37.6322	81.8810	PPK	1.2	2.5 +	6.5	2.07 +	0.39 +	5.29	1897.	47.	13.
3384	0000	-244	37.6322	81.8816	PPK	1.3	2.4 +	7.3	1.93 +	0.33	5.76	1936.	47.	13.
3385	0000	-245	37.6322	81.8821	PPK	1.3	2.3 +	7.2	1.72	0.31	5.50	1933.	45.	14.
3386	0000	-244	37.6322	81.8825	PPK	1.3	2.1	6.9	1.66	0.31	5.38	1895.	45.	15.
3387	0000	-240	37.6322	81.8830	PPK	1.2	1.8	6.8	1.43	0.26	5.50	1828.	43.	16.
3388	0000	-240	37.6322	81.8835	PPK	1.2	1.6	6.7	1.33	0.24	5.64	1716.	47.	17.
3389	0000	-241	37.6322	81.8839	PPK	1.1	1.1	6.5	0.99 -	0.17 -	5.87	1605.	48.	19.
3390	0000	-240	37.6323	81.8845	PPK	1.0	0.9 -	6.4	0.84 -	0.13 -	6.27 +	1543.	48.	19.
3391	0000	-238	37.6323	81.8849	PPK	1.1	0.7 --	6.0	0.65 --	0.11 -	5.65	1516.	49.	19.
3392	0000	-238	37.6324	81.8854	PPK	1.1	0.8 -	6.0	0.75 -	0.14 -	5.54	1548.	50.	19.
3393	0000	-240	37.6323	81.8859	PPK	1.1	0.9 -	6.2	0.82 -	0.15 -	5.39	1592.	48.	19.
3394	0000	-240	37.6324	81.8864	PPK	1.2	1.0 -	6.5	0.81 -	0.15 -	5.28	1659.	50.	19.
3395	0000	-239	37.6324	81.8868	PPK	1.3	1.2	6.8	0.95 -	0.18 -	5.32	1714.	48.	17.
3396	0000	-238	37.6324	81.8873	PPK	1.3	1.4	6.8	1.05	0.21	5.11	1744.	48.	17.
3397	0000	-237	37.6324	81.8878	PPK	1.4	1.6	6.8	1.13	0.23	4.84	1780.	47.	17.
3398	0000	-235	37.6324	81.8883	PPK	1.3	1.8	6.7	1.38	0.27	5.06	1769.	48.	17.
3399	0000	-234	37.6325	81.8887	PPK	1.3	1.8	6.9	1.42	0.27	5.34	1751.	48.	17.
3400	0000	-233	37.6325	81.8892	PPK	1.3	1.6	7.1	1.28	0.23	5.62	1731.	50.	18.
3401	0000	-233	37.6326	81.8897	PPK	1.3	1.6	6.8	1.31	0.24	5.46	1739.	50.	18.
3402	0000	-231	37.6326	81.8902	PPK	1.3	1.4	6.8	1.14	0.21	5.44	1786.	50.	20.
3403	0000	-231	37.6325	81.8907	PPK	1.3	1.9	7.0	1.48	0.27	5.39	1865.	48.	19.
3404	0000	-229	37.6326	81.8912	PPK	1.3	2.0	7.5	1.50	0.26	5.69	1955.	47.	19.
3405	0000	-226	37.6326	81.8916	PPK	1.4	2.0	7.9 +	1.43	0.25	5.70	2016.	45.	19.
3406	0000	-225	37.6326	81.8921	PPK	1.4	2.0	7.8 +	1.44	0.25	5.71	2027.	45.	18.
3407	0000	-224	37.6326	81.8926	PPK	1.4	2.0	7.5	1.46	0.27	5.42	2046.	45.	17.
3408	0000	-220	37.6327	81.8931	PPK	1.4 +	2.1	7.4	1.48	0.29	5.17	2031.	45.	15.
3409	0000	-219	37.6327	81.8936	PPK	1.4	2.1	7.1	1.49	0.30	4.98	1945.	45.	14.
3410	0000	-220	37.6327	81.8940	PPK	1.3	1.7	7.2	1.25	0.23	5.33	1833.	46.	13.
3411	0000	-218	37.6327	81.8945	PPK	1.3	1.8	6.1	1.39	0.30	4.66 -	1714.	44.	12.
3412	0000	-216	37.6327	81.8950	PPK	1.3	1.8	5.6	1.41	0.32	4.43 -	1651.	44.	13.
3413	0000	-216	37.6328	81.8955	PPK	1.3	1.9	5.3	1.47	0.35 +	4.14 -	1620.	42.	13.
3414	0000	-216	37.6328	81.8960	PPK	1.2	1.8	5.2	1.48	0.35 +	4.19 -	1553.	44.	14.
3415	0000	-216	37.6328	81.8964	PPK	1.1	1.7	5.1	1.45	0.33	4.41 -	1484.	42.	15.
3416	0000	-216	37.6328	81.8969	PPK	1.1	1.6	5.2	1.46	0.31	4.69	1490.	40.	17.
3417	0000	-214	37.6328	81.8974	PPK	1.1	1.4	5.1	1.19	0.27 -	4.47 -	1515.	41.	18.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-213	37.6329	81.8978	PPK	1.1	1.2	5.4	1.13	0.22	5.05	1530.	43.	19.
3419	0000	-212	37.6329	81.8983	PPK	1.2	1.0 -	5.9	0.89 -	0.17 -	5.09	1572.	44.	20.
3420	0000	-211	37.6329	81.8988	PPK	1.2	1.0 -	6.5	0.89 -	0.16 -	5.61	1657.	46.	20.
3421	0000	-210	37.6329	81.8993	PPK	1.3	1.3	7.0	1.04	0.19	5.54	1775.	44.	19.
3422	0000	-208	37.6330	81.8998	PPK	1.3	1.8	7.1	1.40	0.25	5.56	1840.	46.	18.
3423	0000	-207	37.6330	81.9002	PPK	1.3	2.1	6.8	1.60	0.31	5.22	1850.	46.	16.
3424	0000	-206	37.6330	81.9007	PPK	1.2	2.4 +	6.4	1.94 +	0.37 +	5.23	1820.	47.	13.
3425	0000	-204	37.6330	81.9012	PPK	1.2	2.5 +	6.5	2.06 +	0.39 +	5.31	1808.	47.	11.
3426	0000	-202	37.6330	81.9016	PPK	1.1	2.9 +	6.3	2.58 +	0.46 ++	5.56	1792.	45.	8.
3427	0000	-202	37.6331	81.9022	PPK	1.1	3.3 ++	6.1	3.00 ++	0.55 +++	5.45	1765.	44.	6.
3428	0000	-201	37.6331	81.9027	PPK	1.1	3.4 ++	5.9	3.18 ++	0.58 +++	5.53	1741.	44.	5.
3429	0000	-199	37.6331	81.9031	PPK	1.1	3.7 ++	6.4	3.45 ++	0.58 +++	5.95	1795.	43.	5.
3430	0000	-197	37.6331	81.9036	PPK	1.2	3.9 ++	6.7	3.32 ++	0.58 +++	5.69	1886.	45.	6.
3431	0000	-196	37.6331	81.9041	PPK	1.2	4.0 ++	7.3	3.33 ++	0.55 +++	6.05	1957.	45.	7.
3432	0000	-197	37.6332	81.9046	PPK	1.3	3.8 ++	7.6 +	2.96 ++	0.50 ++	5.95	2002.	46.	9.
3433	0000	-197	37.6332	81.9052	PPK	1.3	3.6 ++	7.3	2.77 ++	0.49 ++	5.65	1996.	48.	11.
3434	0000	-195	37.6332	81.9057	PPK	1.3	3.1 +	7.3	2.41 +	0.42 +	5.78	1951.	49.	13.
3435	0000	-194	37.6332	81.9063	PPK	1.2	2.6 +	7.3	2.15 +	0.36 +	5.98	1882.	49.	15.
3436	0000	-194	37.6332	81.9068	PPK	1.2	1.9	7.1	1.54	0.27	5.77	1807.	48.	18.
3437	0000	-194	37.6332	81.9074	PPK	1.2	1.2	7.3	1.02	0.17 -	6.15	1748.	48.	20.
3438	0000	-192	37.6332	81.9079	PPK	1.2	1.1	7.5	0.91 -	0.15 -	6.00	1755.	47.	21.
3439	0000	-191	37.6332	81.9085	PPK	1.2	0.9 -	7.2	0.78 -	0.13 -	5.94	1731.	48.	22.
3440	0000	-193	37.6332	81.9090	PPK	1.2	0.8 -	7.2	0.69 --	0.11 -	5.98	1700.	48.	23.
3441	0000	-194	37.6332	81.9095	PPK	1.2	0.7 --	6.8	0.60 --	0.11 -	5.66	1676.	49.	23.
3442	0000	-193	37.6332	81.9100	PPK	1.2	0.9 -	6.6	0.77 -	0.14 -	5.54	1665.	48.	22.
3443	0000	-194	37.6332	81.9106	PPK	1.1	0.9 -	6.4	0.79 -	0.14 -	5.57	1630.	50.	21.
3444	0000	-196	37.6332	81.9111	PPK	1.1	1.2	6.0	1.10	0.20	5.49	1588.	51.	19.
3445	0000	-197	37.6332	81.9117	PPK	1.1	1.3	5.9	1.19	0.22	5.45	1547.	49.	18.
3446	0000	-198	37.6332	81.9122	PPK	1.1	1.5	5.6	1.34	0.26	5.06	1559.	48.	17.
3447	0000	-199	37.6332	81.9128	PPK	1.2	1.7	6.1	1.37	0.27	5.00	1632.	46.	16.
3448	0000	-200	37.6332	81.9133	PPK	1.3	1.7	6.5	1.28	0.26	4.98	1704.	46.	15.
3449	0000	-200	37.6332	81.9139	PPK	1.4	1.6	6.7	1.18	0.24	4.85	1753.	47.	15.
3450	0000	-198	37.6332	81.9144	PPK	1.4	2.0	6.9	1.42	0.29	4.90	1805.	45.	14.
3451	0000	-199	37.6332	81.9150	PPK	1.4 +	2.1	6.9	1.49	0.31	4.83	1847.	45.	13.
3452	0000	-202	37.6332	81.9155	PPK	1.4	2.1	6.4	1.44	0.32	4.48 -	1812.	47.	14.
3453	0000	-201	37.6333	81.9160	PPK	1.4	2.0	6.4	1.48	0.31	4.72	1769.	47.	13.
3454	0000	-200	37.6333	81.9165	PPK	1.3	1.7	6.6	1.33	0.26	5.20	1708.	49.	13.
3455	0000	-203	37.6332	81.9171	PPK	1.2	1.9	6.4	1.58	0.30	5.20	1701.	50.	13.
3456	0000	-205	37.6332	81.9176	PPK	1.2	2.3 +	6.4	1.95 +	0.36 +	5.36	1706.	51.	12.
3457	0000	-203	37.6332	81.9182	PPK	1.3	2.1	6.8	1.60	0.30	5.24	1754.	53.	13.
3458	0000	-202	37.6332	81.9188	PPK	1.3	2.1	6.7	1.58	0.31	5.06	1795.	52.	14.
3459	0000	-203	37.6332	81.9193	PPK	1.4	1.9	7.4	1.37	0.26	5.34	1857.	51.	14.
3460	0000	-202	37.6333	81.9198	PPK	1.4	2.1	7.7 +	1.45	0.27	5.43	1889.	52.	13.
3461	0000	-200	37.6333	81.9204	PPK	1.4 +	2.4 +	7.3	1.69	0.33	5.09	1904.	51.	13.
3462	0000	-202	37.6333	81.9209	PPK	1.5 +	2.5 +	7.8 +	1.68	0.32	5.24	1923.	50.	12.
3463	0000	-202	37.6333	81.9215	PPK	1.5 +	2.2 +	7.9 +	1.50	0.28	5.27	1938.	49.	12.
3464	0000	-200	37.6333	81.9220	PPK	1.4 +	2.3 +	7.6 +	1.59	0.30	5.27	1881.	49.	11.
3465	0000	-201	37.6333	81.9225	PPK	1.4	2.1	8.0 +	1.55	0.27	5.80	1805.	49.	10.
3466	0000	-202	37.6333	81.9231	PPK	1.2	2.4 +	7.5	1.92	0.32	6.07	1737.	51.	9.
3467	0000	-202	37.6333	81.9236	PPK	1.2	2.3 +	7.4	1.95 +	0.32	6.15	1718.	49.	9.
3468	0000	-203	37.6333	81.9242	PPK	1.2	2.1	7.7 +	1.77	0.28	6.41 +	1721.	50.	10.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-205	37.6333	81.9247	PPK	1.2	2.0	7.3	1.64	0.28	5.93	1709.	49.	12.
3470	0000	-205	37.6333	81.9253	PPK	1.3	1.8	7.3	1.43	0.25	5.81	1720.	47.	14.
3471	0000	-206	37.6333	81.9258	PPK	1.3	2.0	7.7 +	1.57	0.26	6.02	1757.	46.	15.
3472	0000	-208	37.6333	81.9263	PPK	1.3	2.1	7.5	1.62	0.28	5.83	1791.	45.	16.
3473	0000	-209	37.6333	81.9269	PPK	1.4	2.0	7.3	1.46	0.27	5.40	1829.	44.	17.
3474	0000	-211	37.6333	81.9274	PPK	1.4	2.0	7.8 +	1.43	0.25	5.60	1855.	43.	18.
3475	0000	-213	37.6333	81.9280	PPK	1.4	2.1	7.3	1.51	0.29	5.27	1871.	44.	17.
3476	0000	-216	37.6333	81.9285	PPK	1.4	2.0	7.8 +	1.42	0.26	5.55	1886.	46.	16.
3477	0000	-220	37.6333	81.9290	PPK	1.4 +	2.2	7.7 +	1.50	0.28	5.37	1887.	45.	16.
3478	0000	-222	37.6333	81.9296	PPK	1.5 +	2.0	7.6 +	1.37	0.26	5.18	1895.	47.	16.
3479	0000	-224	37.6333	81.9301	PPK	1.5 +	2.0	7.6 +	1.39	0.27	5.19	1888.	47.	15.
3480	0000	-228	37.6333	81.9307	PPK	1.5 +	2.0	7.6 +	1.32	0.26	5.05	1873.	46.	14.
3481	0000	-232	37.6334	81.9312	PPK	1.4 +	1.9	7.2	1.33	0.26	5.03	1822.	45.	14.
3482	0000	-235	37.6334	81.9318	PPK	1.4	1.7	7.2	1.23	0.24	5.19	1750.	45.	14.
3483	0000	-236	37.6334	81.9324	PPK	1.3	1.9	6.5	1.55	0.30	5.21	1666.	44.	13.
3484	0000	-238	37.6334	81.9328	PPK	1.1	1.8	6.2	1.59	0.29	5.43	1604.	48.	13.
3485	0000	-240	37.6333	81.9334	PPK	1.1	1.9	6.2	1.65	0.30	5.49	1579.	47.	12.
3486	0000	-243	37.6333	81.9339	PPK	1.2	1.8	6.8	1.48	0.27	5.52	1600.	47.	12.
3487	0000	-247	37.6333	81.9345	PPK	1.3	2.1	7.4	1.54	0.28	5.50	1776.	50.	11.
3488	0000	-249	37.6334	81.9350	PPK	1.5 +	2.1	7.6 +	1.42	0.28	5.11	1884.	52.	11.
3489	0000	-251	37.6334	81.9356	PPK	1.6 +	2.6 +	8.4 +	1.61	0.30	5.29	2010.	53.	10.
3490	0000	-253	37.6334	81.9361	PPK	1.7 +	2.6 +	8.7 +	1.47	0.29	4.99	2151.	55.	9.
3491	0000	-254	37.6334	81.9367	PPK	1.8 +	2.7 +	9.0 +	1.49	0.30	4.96	2226.	55.	8.
3492	0000	-257	37.6334	81.9372	PPK	1.8 +	2.7 +	9.0 ++	1.49	0.30	4.92	2256.	55.	7.
3493	0000	-262	37.6334	81.9377	PPK	1.8 +	2.8 +	8.5 +	1.58	0.33	4.74	2229.	54.	6.
3494	0000	-263	37.6334	81.9383	PPK	1.8 +	2.7 +	8.6 +	1.53	0.31	4.86	2206.	53.	7.
3495	0000	-265	37.6334	81.9389	PPK	1.8 +	3.1 +	8.9 +	1.74	0.35	5.02	2232.	51.	6.
3496	0000	-270	37.6334	81.9393	PPK	1.8 +	2.9 +	8.4 +	1.61	0.35	4.67 -	2207.	50.	7.
3497	0000	-273	37.6334	81.9399	PPK	1.7 +	2.6 +	8.6 +	1.53	0.30	5.03	2157.	48.	7.
3498	0000	-276	37.6334	81.9404	PPK	1.7 +	2.6 +	8.7 +	1.57	0.30	5.14	2114.	45.	8.
3499	0000	-280	37.6334	81.9410	PPK	1.7 +	2.5 +	8.6 +	1.44	0.29	5.02	2109.	45.	9.
3500	0000	-283	37.6334	81.9415	PPK	1.7 +	2.5 +	8.6 +	1.42	0.29	4.94	2124.	48.	10.
3501	0000	-284	37.6334	81.9421	PPK	1.8 +	2.6 +	8.7 +	1.46	0.30	4.93	2132.	48.	9.
3502	0000	-286	37.6335	81.9426	PPK	1.8 +	2.3 +	8.9 +	1.28	0.26	4.93	2088.	50.	10.
3503	0000	-290	37.6335	81.9432	PPK	1.7 +	2.2 +	9.1 ++	1.26	0.24	5.25	2055.	49.	10.
3504	0000	-294	37.6334	81.9437	PPK	1.7 +	2.2 +	9.0 ++	1.30	0.25	5.25	2050.	50.	10.
3505	0000	-296	37.6334	81.9442	PPK	1.7 +	2.1	8.7 +	1.25	0.25	5.09	2042.	51.	10.
3506	0000	-300	37.6334	81.9448	PPK	1.6 +	2.1	8.5 +	1.32	0.25	5.32	1987.	51.	9.
3507	0000	-305	37.6334	81.9454	PPK	1.5 +	1.9	8.4 +	1.27	0.23	5.61	1872.	51.	9.
3508	0000	-309	37.6334	81.9459	PPK	1.3	1.7	7.7 +	1.30	0.23	5.76	1742.	49.	9.
3509	0000	-313	37.6335	81.9464	PPK	1.2	1.5	6.8	1.28	0.23	5.64	1622.	48.	10.
3510	0000	-317	37.6335	81.9471	PPK	1.2	1.5	6.3	1.26	0.24	5.34	1545.	49.	11.
3511	0000	-322	37.6335	81.9475	PPK	1.1	1.6	5.5	1.53	0.30	5.17	1485.	51.	11.
3512	0000	-326	37.6335	81.9481	PPK	1.0	1.7	5.4	1.71	0.32	5.40	1448.	51.	11.
3513	0000	-328	37.6335	81.9486	PPK	1.0	1.9	5.3	1.94 +	0.36 +	5.39	1434.	52.	12.
3514	0000	-331	37.6335	81.9492	PPK	1.0	2.0	5.2	2.08 +	0.39 +	5.36	1465.	52.	12.
3515	0000	-336	37.6335	81.9497	PPK	1.0	2.1	5.1	2.05 +	0.41 +	5.03	1503.	54.	13.
3516	0000	-341	37.6335	81.9503	PPK	1.1	2.0	5.6	1.87	0.36 +	5.17	1539.	54.	12.
3517	0000	-345	37.6335	81.9508	PPK	1.1	2.0	5.6	1.84	0.37 +	5.03	1578.	56.	11.
3518	0000	-349	37.6335	81.9514	PPK	1.2	1.9	6.3	1.54	0.30	5.09	1637.	56.	10.
3519	0000	-352	37.6335	81.9519	PPK	1.3	2.0	6.5	1.57	0.31	5.11	1652.	55.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3520	0000	-355	37.6335	81.9525	PPK	1.3	1.8	6.5	1.39	0.28	5.03	1649.	53.	6.
3521	0000	-358	37.6335	81.9530	PPK	1.3	1.7	6.6	1.35	0.26	5.26	1606.	53.	4.
3522	0000	-362	37.6335	81.9536	PPK	1.2	1.7	6.6	1.41	0.26	5.46	1552.	52.	3.
3523	0000	-367	37.6335	81.9540	PPK	1.2	1.8	6.0	1.57	0.31	5.13	1529.	53.	3.
3524	0000	-371	37.6335	81.9546	PPK	1.2	1.7	6.3	1.45	0.27	5.33	1508.	53.	3.
3525	0000	-375	37.6335	81.9551	PPK	1.1	1.6	6.0	1.45	0.27	5.28	1482.	53.	4.
3526	0000	-379	37.6335	81.9557	PPK	1.2	1.5	6.2	1.25	0.24	5.18	1525.	54.	6.
3527	0000	-382	37.6335	81.9562	PPK	1.3	1.4	6.9	1.08	0.20	5.34	1638.	55.	8.
3528	0000	-385	37.6335	81.9568	PPK	1.5 +	1.4	7.5	0.93 -	0.18 -	5.03	1763.	54.	10.
3529	0000	-388	37.6335	81.9573	PPK	1.6 +	1.3	8.1 +	0.79 -	0.15 -	5.14	1882.	53.	12.
3530	0000	-391	37.6336	81.9579	PPK	1.7 +	1.4	8.6 +	0.81 -	0.16 -	5.13	1975.	51.	13.
3531	0000	-395	37.6336	81.9584	PPK	1.7 +	1.6	8.6 +	0.96 -	0.19 -	5.16	2032.	50.	14.
3532	0000	-398	37.6336	81.9590	PPK	1.7 +	1.5	9.5 ++	0.85 -	0.15 -	5.51	2082.	49.	15.
3533	0000	-401	37.6335	81.9595	PPK	1.7 +	1.6	9.3 ++	0.97 -	0.17 -	5.58	2086.	48.	15.
3534	0000	-405	37.6335	81.9600	PPK	1.6 +	1.9	8.9 +	1.18	0.21	5.59	2055.	47.	15.
3535	0000	-408	37.6335	81.9606	PPK	1.5 +	2.1	8.2 +	1.42	0.26	5.48	2032.	45.	15.
3536	0000	-413	37.6335	81.9611	PPK	1.5 +	2.1	7.9 +	1.42	0.26	5.43	1999.	46.	16.
3537	0000	-419	37.6336	81.9617	PPK	1.4	2.1	7.8 +	1.52	0.27	5.59	1972.	47.	16.
3538	0000	-420	37.6336	81.9622	PPK	1.4	1.8	7.6 +	1.27	0.24	5.36	1942.	44.	17.
3539	0000	-422	37.6336	81.9628	PPK	1.4	1.8	6.5	1.33	0.28	4.75	1888.	44.	18.
3540	0000	-427	37.6336	81.9633	PPK	1.3	1.5	6.3	1.08	0.23	4.67 -	1831.	45.	19.
3541	0000	-432	37.6336	81.9639	PPK	1.4	1.2	5.9	0.88 -	0.20	4.33 -	1749.	45.	20.
3542	0000	-436	37.6336	81.9644	PPK	1.3	0.8 -	6.0	0.59 --	0.13 -	4.63 -	1659.	46.	21.
3543	0000	-441	37.6336	81.9649	PPK	1.2	0.8 -	5.6	0.64 --	0.14 -	4.62 -	1572.	48.	21.
3544	0010	-444	37.6336	81.9655	PPK	1.1	0.4 N.A.	5.6	0.32 N.A.	0.06 N.A.	4.91	1473.	49.	21.
3545	0000	-447	37.6336	81.9660	PPK	1.0	0.6 --	5.2	0.61 --	0.12 -	5.05	1390.	51.	19.
3546	0000	-451	37.6336	81.9665	PPK	1.0	0.8 -	5.1	0.81 -	0.16 -	5.16	1332.	51.	17.
3547	0000	-456	37.6336	81.9671	PPK	1.0	0.9 -	5.2	0.96 -	0.18 -	5.37	1305.	52.	15.
3548	0000	-458	37.6336	81.9676	PPK	0.9	1.2	5.2	1.31	0.23	5.76	1314.	54.	13.
3549	0000	-459	37.6336	81.9682	PPK	1.0	1.3	5.1	1.35	0.26	5.25	1365.	55.	12.
3550	0000	-465	37.6336	81.9687	PPK	1.1	1.6	5.1	1.49	0.31	4.84	1439.	55.	11.
3551	0000	-471	37.6337	81.9693	PPK	1.1	2.0	5.0	1.82	0.40 +	4.57 -	1495.	55.	10.
3552	0000	-472	37.6337	81.9698	PPK	1.1	2.0	4.9	1.82	0.41 +	4.41 -	1512.	55.	10.
3553	0000	-476	37.6337	81.9704	PPK	1.1	2.0	4.8	1.82	0.42 +	4.37 -	1515.	55.	10.
3554	0000	-484	37.6337	81.9709	PPK	1.1	2.1	4.8	1.84	0.44 ++	4.21 -	1523.	55.	11.
3555	0000	-485	37.6336	81.9714	PPK	1.2	1.8	4.5 -	1.53	0.41 +	3.73 --	1535.	55.	12.
3556	0000	-486	37.6336	81.9720	PPK	1.2	1.8	4.8	1.54	0.38 +	4.02 --	1536.	54.	12.
3557	0000	-492	37.6336	81.9725	PPK	1.2	1.7	5.0	1.47	0.34	4.33 -	1524.	53.	12.
3558	0000	-497	37.6337	81.9731	PPK	1.2	1.5	4.9	1.28	0.31	4.16 -	1503.	52.	13.
3559	0000	-500	37.6337	81.9736	PPK	1.2	1.3	5.0	1.12	0.27	4.22 -	1512.	51.	13.
3560	0000	-503	37.6337	81.9742	PPK	1.2	1.3	5.5	1.05	0.23	4.60 -	1536.	52.	14.
3561	0000	-506	37.6337	81.9747	PPK	1.2	1.1	5.7	0.94 -	0.19	4.90	1533.	51.	14.
3562	0000	-509	37.6337	81.9752	PPK	1.1	1.2	5.8	1.03	0.20	5.10	1508.	50.	13.
3563	0000	-512	37.6337	81.9758	PPK	1.1	1.1	5.7	1.03	0.19	5.30	1462.	51.	13.
3564	0000	-517	37.6337	81.9763	PPK	1.1	0.8 -	5.8	0.78 -	0.14 -	5.44	1465.	51.	13.
3565	0000	-524	37.6337	81.9769	PPK	1.1	0.7 --	6.3	0.65 --	0.11 -	5.76	1528.	52.	14.
3566	0000	-528	37.6337	81.9774	PPK	1.1	0.7 --	6.6	0.66 --	0.11 -	5.90	1578.	51.	14.
3567	0000	-530	37.6337	81.9779	PPK	1.1	0.7 --	6.5	0.66 --	0.11 -	5.89	1590.	49.	14.
3568	0000	-533	37.6337	81.9785	PPK	1.1	0.8 -	6.2	0.74 -	0.14 -	5.47	1609.	47.	14.
3569	0000	-537	37.6337	81.9790	PPK	1.2	1.0 -	6.5	0.83 -	0.15 -	5.67	1638.	49.	14.
3570	0000	-541	37.6337	81.9796	PPK	1.2	1.1	6.5	0.91 -	0.16 -	5.49	1678.	47.	15.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 100, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3571	0000	-545	37.6337	81.9801	PPK	1.2	1.4	6.5	1.10	0.21	5.26	1703.	46.	16.
3572	0000	-547	37.6337	81.9807	PPK	1.3	1.4	6.8	1.07	0.20	5.36	1711.	47.	16.
3573	0000	-551	37.6337	81.9812	PPK	1.2	1.4	6.5	1.15	0.22	5.24	1700.	50.	16.
3574	0000	-553	37.6337	81.9817	PPK	1.3	1.5	6.4	1.16	0.23	4.96	1716.	49.	18.
3575	0000	-556	37.6337	81.9823	PPK	1.3	1.4	6.5	1.09	0.21	5.09	1715.	52.	18.
3576	0000	-560	37.6337	81.9828	PPK	1.2	1.4	6.4	1.12	0.22	5.19	1705.	53.	18.
3577	0000	-563	37.6337	81.9834	PPK	1.2	1.5	6.2	1.25	0.25	5.04	1689.	53.	17.
3578	0000	-567	37.6337	81.9839	PPK	1.1	1.5	6.0	1.28	0.24	5.28	1647.	52.	17.
3579	0000	-571	37.6337	81.9844	PPK	1.1	1.6	5.3	1.47	0.30	4.88	1587.	50.	16.
3580	0000	-573	37.6337	81.9850	PPK	1.1	1.6	5.5	1.51	0.29	5.14	1558.	50.	15.
3581	0000	-574	37.6337	81.9855	PPK	1.1	1.7	5.6	1.61	0.30	5.28	1556.	55.	13.
3582	0000	-577	37.6337	81.9861	PPK	1.1	1.8	5.9	1.57	0.30	5.16	1591.	52.	12.
3583	0000	-578	37.6337	81.9867	PPK	1.2	1.7	6.1	1.45	0.28	5.24	1609.	52.	11.
3584	0000	-579	37.6337	81.9872	PPK	1.2	1.6	6.6	1.42	0.25	5.66	1609.	53.	9.
3585	0000	-582	37.6337	81.9877	PPK	1.2	1.8	6.7	1.50	0.27	5.65	1620.	54.	8.
3586	0000	-583	37.6338	81.9882	PPK	1.2	1.8	7.3	1.52	0.25	6.02	1646.	53.	8.
3587	0000	-584	37.6338	81.9888	PPK	1.3	1.7	7.6 +	1.38	0.23	6.10	1659.	51.	8.
3588	0000	-587	37.6338	81.9893	PPK	1.3	1.6	7.5	1.30	0.22	5.96	1641.	48.	7.
3589	0000	-587	37.6338	81.9899	PPK	1.2	1.6	7.0	1.33	0.23	5.88	1586.	48.	8.
3590	0000	-588	37.6338	81.9904	PPK	1.1	1.7	6.4	1.48	0.26	5.63	1518.	49.	8.
3591	0000	-590	37.6337	81.9910	PPK	1.1	1.8	5.6	1.68	0.32	5.20	1457.	50.	8.
3592	0000	-588	37.6337	81.9915	PPK	1.0	1.8	5.1	1.79	0.35	5.12	1368.	53.	8.
3593	0000	-589	37.6338	81.9921	PPK	0.9	1.7	4.7	1.91	0.37 +	5.20	1286.	55.	8.
3594	0000	-594	37.6338	81.9926	PPK	0.8 -	1.9	4.1 -	2.24 +	0.46 ++	4.90	1231.	55.	7.
3595	0000	-596	37.6338	81.9932	PPK	0.8 -	1.9	3.8 -	2.41 +	0.50 ++	4.85	1192.	58.	6.
3596	0000	-596	37.6338	81.9937	PPK	0.8 -	2.0	4.1 -	2.57 +	0.48 ++	5.31	1190.	59.	5.
3597	0000	-598	37.6338	81.9943	PPK	0.8 -	2.0	3.9 -	2.48 +	0.51 ++	4.84	1226.	58.	5.
3598	0000	-601	37.6338	81.9947	PPK	0.9	2.1	4.3 -	2.40 +	0.48 ++	4.99	1259.	57.	4.
3599	0000	-602	37.6338	81.9953	PPK	0.9	2.1	4.8	2.20 +	0.43 +	5.13	1346.	53.	4.
3600	0000	-602	37.6338	81.9958	PPK	1.1	2.2 +	4.9	2.06 +	0.45 ++	4.59 -	1442.	54.	5.
3601	0000	-603	37.6338	81.9964	PPK	1.2	2.2 +	5.0	1.92	0.44 ++	4.32 -	1523.	56.	6.
3602	0000	-607	37.6338	81.9969	PPK	1.2	2.1	5.7	1.68	0.37 +	4.54 -	1587.	55.	7.
3603	0000	-608	37.6338	81.9975	PPK	1.3	2.2 +	5.7	1.76	0.39 +	4.47 -	1641.	56.	8.
3604	0000	-609	37.6338	81.9980	PPK	1.3	2.2 +	5.7	1.76	0.39 +	4.47 -	1641.	56.	8.
3605	0000	-609	37.6338	81.9986	PPK	1.3	2.2 +	5.7	1.76	0.39 +	4.47 -	1641.	56.	8.
3606	0000	-610	37.6338	81.9991	PPK	1.3	2.2 +	5.7	1.76	0.39 +	4.47 -	1641.	56.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIP CPS
1	0000	-383	37.5469	81.9990	PPK	1.4	1.4	8.0 +	1.02	0.18 -	5.80	2183.	42.	29.
2	0000	-383	37.5469	81.9984	PPK	1.4	1.4	8.0 +	1.02	0.18 -	5.80	2183.	42.	29.
3	0000	-382	37.5469	81.9978	PPK	1.4	1.4	8.0 +	1.02	0.18 -	5.80	2183.	42.	29.
4	0000	-382	37.5469	81.9973	PPK	1.4	1.4	8.0 +	1.02	0.18 -	5.80	2183.	42.	29.
5	1000	-380	37.5469	81.9967	PPK	1.4 +	1.7	7.9 +	1.22	0.22	5.55	2207.	40.	28.
6	0000	-375	37.5469	81.9962	PPK	1.4	2.2	8.2 +	1.59	0.26	6.01	2182.	40.	27.
7	0000	-373	37.5469	81.9956	PPK	1.4	2.4 +	7.4	1.73	0.32	5.37	2130.	44.	27.
8	0000	-370	37.5469	81.9950	PPK	1.3	2.8 +	6.9	2.16 +	0.41 +	5.24	2129.	47.	25.
9	0000	-365	37.5469	81.9945	PPK	1.3	3.2 ++	6.5	2.52 +	0.50 ++	5.06	2114.	45.	23.
10	0000	-364	37.5469	81.9940	PPK	1.3	3.4 ++	6.0	2.63 +	0.56 +++	4.71	2058.	45.	22.
11	0000	-363	37.5469	81.9934	PPK	1.2	3.6 ++	5.9	3.09 ++	0.62 +++	4.98	2006.	46.	21.
12	0000	-361	37.5469	81.9928	PPK	1.1	3.5 ++	5.7	3.23 ++	0.62 +++	5.24	1954.	48.	22.
13	0000	-360	37.5469	81.9922	PPK	1.1	3.4 ++	5.2	3.03 ++	0.65 +++	4.70	1896.	49.	22.
14	0000	-363	37.5469	81.9916	PPK	1.0	3.0 +	5.3	2.96 ++	0.57 +++	5.20	1841.	47.	21.
15	0000	-363	37.5469	81.9911	PPK	1.0	2.8 +	5.0	2.78 ++	0.57 +++	4.90	1731.	46.	21.
16	0000	-363	37.5469	81.9906	PPK	1.0	2.5 +	5.4	2.39 +	0.45 ++	5.25	1708.	46.	22.
17	0000	-363	37.5469	81.9900	PPK	1.0	2.5 +	5.5	2.45 +	0.44 ++	5.55	1721.	48.	23.
18	0000	-362	37.5469	81.9894	PPK	1.1	2.6 +	5.3	2.30 +	0.48 ++	4.79	1810.	48.	25.
19	0000	-359	37.5469	81.9889	PPK	1.2	2.3 +	5.5	1.98 +	0.42 +	4.75	1885.	50.	27.
20	0000	-358	37.5469	81.9884	PPK	1.2	2.4 +	6.2	1.98 +	0.40 +	5.01	2015.	50.	29.
21	0000	-357	37.5469	81.9877	PPK	1.3	2.3 +	7.0	1.77	0.33	5.31	2125.	49.	32.
22	0000	-357	37.5469	81.9872	PPK	1.3	2.0	8.0 +	1.53	0.25	6.10	2245.	45.	34.
23	0000	-354	37.5469	81.9866	PPK	1.3	1.9	8.3 +	1.42	0.23	6.28 +	2283.	45.	36.
24	0000	-350	37.5470	81.9861	PPNR	1.3 +	2.0	8.2 +	1.60	0.25	6.49	2316.	43.	38.
25	0000	-346	37.5470	81.9855	PPNR	1.2	2.0	8.5 +	1.68	0.24	7.04	2307.	43.	38.
26	0000	-345	37.5470	81.9850	PPNR	1.2	2.1	8.2 +	1.74	0.25	6.92	2274.	41.	39.
27	0000	-342	37.5470	81.9844	PPNR	1.1	2.1	7.7 +	1.92	0.27	7.08	2208.	40.	39.
28	0000	-337	37.5470	81.9839	PPNR	1.0	2.4 +	7.3	2.44	0.33	7.31	2161.	39.	38.
29	0000	-336	37.5470	81.9833	PPNR	1.0	2.8 +	6.3	2.86 +	0.44 +	6.55	2090.	42.	38.
30	0000	-337	37.5470	81.9827	PPNR	1.0	2.8 +	5.9	2.84 +	0.47 +	6.06	2060.	40.	38.
31	0000	-331	37.5470	81.9821	PPNR	1.1	2.4 +	5.8	2.30	0.42 +	5.51	2021.	40.	37.
32	0000	-326	37.5470	81.9816	PPNR	1.1	2.1	5.9	2.01	0.36	5.59	1998.	39.	37.
33	0000	-326	37.5470	81.9810	PPNR	1.0	2.1	6.1	2.05	0.35	5.83	2023.	38.	37.
34	0000	-326	37.5470	81.9805	PPNR	1.2	2.0	6.4	1.72	0.32	5.42	2070.	39.	36.
35	0000	-327	37.5470	81.9799	PPNR	1.2	2.0	6.7	1.59	0.29	5.42	2119.	41.	36.
36	0000	-331	37.5470	81.9793	PPNR	1.3 +	2.0	7.1	1.55	0.27	5.67	2140.	40.	35.
37	0000	-333	37.5470	81.9788	PPNR	1.3 +	2.0	7.1	1.54	0.29	5.34 -	2156.	43.	33.
38	0000	-334	37.5470	81.9782	PPNR	1.3 +	2.3	7.0	1.74	0.32	5.40 -	2164.	42.	32.
39	0000	-333	37.5470	81.9776	PPNR	1.4 +	2.4 +	7.0	1.79	0.35	5.13 -	2166.	44.	32.
40	0000	-333	37.5470	81.9771	PPNR	1.4 +	2.3 +	7.3	1.66	0.32	5.28 -	2163.	44.	31.
41	0000	-334	37.5470	81.9765	PPNR	1.3 +	2.3 +	7.3	1.76	0.32	5.54	2146.	44.	31.
42	0000	-332	37.5470	81.9760	PPNR	1.4 +	2.2	6.9	1.63	0.32	5.09 -	2129.	43.	31.
43	0000	-334	37.5470	81.9754	PPNR	1.4 +	2.1	6.5	1.56	0.32	4.80 -	2110.	43.	32.
44	0000	-336	37.5470	81.9749	PPNR	1.3 +	2.3	6.5	1.79	0.35	5.15 -	2088.	42.	32.
45	0000	-335	37.5470	81.9742	PPNR	1.3 +	2.0	6.6	1.60	0.30	5.26 -	2060.	41.	32.
46	0000	-336	37.5470	81.9738	PPNR	1.2	2.1	6.4	1.72	0.32	5.31 -	2018.	39.	30.
47	0000	-334	37.5471	81.9732	PPNR	1.2	2.1	5.9	1.85	0.36	5.10 -	1928.	40.	29.
48	0000	-332	37.5471	81.9726	PPNR	1.1	2.0	5.7	1.83	0.35	5.25 -	1821.	39.	26.
49	0000	-335	37.5471	81.9720	PPNR	1.0	1.9	5.6	1.91	0.34	5.60	1685.	42.	24.
50	0000	-336	37.5471	81.9715	PPNR	1.0	1.8	5.2	1.85	0.34	5.47	1588.	43.	21.
51	0000	-336	37.5471	81.9709	PPNR	0.9	1.7	5.0	1.92	0.34	5.58	1505.	44.	20.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-337	37.5471	81.9704	PPNR	0.8	2.0	4.7	2.35	0.41 +	5.69	1462.	46.	19.
53	0000	-338	37.5471	81.9698	PPNR	0.8	1.9	4.9	2.31	0.38 +	6.13	1444.	46.	20.
54	0000	-335	37.5471	81.9692	PPNR	0.8	2.0	5.0	2.53	0.41 +	6.21	1464.	48.	20.
55	0000	-333	37.5472	81.9687	PPNR	0.9	1.9	5.3	2.17	0.36	6.07	1516.	49.	22.
56	0000	-334	37.5472	81.9681	PPNR	1.0	1.9	5.7	1.97	0.34	5.79	1605.	50.	24.
57	0000	-334	37.5472	81.9675	PPNR	1.0	2.2	6.2	2.09	0.35	5.96	1715.	50.	25.
58	0000	-332	37.5472	81.9670	PPNR	1.1	2.3 +	6.5	2.04	0.35	5.79	1852.	50.	27.
59	0000	-328	37.5472	81.9665	PPNR	1.2	2.5 +	6.7	2.09	0.37 +	5.57	1970.	51.	29.
60	0000	-325	37.5472	81.9659	PPNR	1.2	2.7 +	7.2	2.25	0.37	6.05	2061.	52.	30.
61	0000	-324	37.5472	81.9653	PPNR	1.2	2.8 +	7.6 +	2.38	0.37	6.46	2131.	49.	32.
62	0000	-325	37.5472	81.9647	PPK	1.2	3.2 ++	7.7 +	2.71 ++	0.42 +	6.52 +	2194.	46.	32.
63	0000	-322	37.5472	81.9642	PPK	1.2	3.0 +	7.5	2.60 +	0.40 +	6.46 +	2253.	46.	34.
64	0000	-320	37.5472	81.9637	PPK	1.1	3.5 ++	7.5	3.13 ++	0.47 ++	6.69 +	2302.	43.	34.
65	0000	-321	37.5472	81.9631	PPK	1.1	3.6 ++	7.4	3.25 ++	0.49 ++	6.65 +	2260.	44.	34.
66	0000	-318	37.5472	81.9625	PPK	1.1	3.6 ++	7.0	3.39 ++	0.51 +++	6.58 +	2185.	44.	33.
67	0000	-315	37.5472	81.9619	PPK	1.1	3.2 ++	6.4	2.92 ++	0.50 ++	5.79	2088.	46.	32.
68	0000	-316	37.5472	81.9614	PPK	1.1	3.1 ++	5.9	2.78 ++	0.52 +++	5.32	1994.	49.	31.
69	0000	-317	37.5472	81.9609	PPK	1.1	2.7 +	5.3	2.58 +	0.51 +++	5.01	1878.	51.	30.
70	0000	-315	37.5472	81.9603	PPK	1.0	2.8 +	5.2	2.64 +	0.53 +++	5.03	1785.	49.	29.
71	0000	-314	37.5472	81.9597	PPK	1.1	2.1	4.9	1.92	0.42 +	4.58 -	1686.	50.	28.
72	0000	-315	37.5472	81.9591	PPK	1.0	1.9	5.0	1.82	0.38 +	4.80	1634.	48.	28.
73	0000	-317	37.5472	81.9586	PPK	1.1	1.4	5.2	1.32	0.28	4.78	1636.	48.	28.
74	0000	-316	37.5472	81.9580	PPK	1.1	1.5	5.4	1.36	0.28	4.93	1690.	46.	28.
75	0000	-315	37.5472	81.9575	PPK	1.1	1.6	5.6	1.39	0.28	4.95	1731.	45.	28.
76	0000	-316	37.5472	81.9569	PPK	1.1	2.0	5.5	1.80	0.36 +	4.96	1784.	44.	28.
77	0000	-315	37.5472	81.9564	PPK	1.1	2.1	5.7	1.94 +	0.37 +	5.23	1802.	48.	27.
78	0000	-314	37.5472	81.9558	PPK	1.1	2.2 +	6.1	2.03 +	0.37 +	5.47	1838.	48.	25.
79	0000	-312	37.5473	81.9552	PPK	1.2	2.2 +	6.1	1.90	0.35 +	5.35	1872.	49.	24.
80	0000	-311	37.5473	81.9546	PPK	1.1	2.2 +	6.3	2.00 +	0.36 +	5.58	1864.	49.	23.
81	0000	-313	37.5473	81.9541	PPK	1.1	2.0	6.3	1.79	0.32	5.51	1861.	51.	21.
82	0000	-311	37.5473	81.9536	PPK	1.2	1.8	6.7	1.51	0.27	5.61	1894.	50.	21.
83	0000	-307	37.5473	81.9530	PPK	1.2	1.6	7.1	1.30	0.23	5.77	1910.	52.	21.
84	0000	-310	37.5473	81.9524	PPK	1.3	1.6	6.9	1.25	0.23	5.45	1904.	48.	21.
85	0000	-311	37.5473	81.9519	PPK	1.2	1.7	6.5	1.40	0.26	5.33	1860.	49.	21.
86	0000	-308	37.5473	81.9513	PPK	1.2	1.7	6.2	1.46	0.28	5.27	1820.	50.	21.
87	0000	-307	37.5473	81.9508	PPK	1.2	1.7	6.1	1.45	0.28	5.24	1779.	50.	21.
88	0000	-306	37.5473	81.9502	PPK	1.1	2.1	5.8	1.91	0.37 +	5.22	1740.	48.	20.
89	0000	-305	37.5473	81.9496	PPK	1.1	2.0	5.8	1.84	0.35	5.28	1678.	47.	19.
90	0000	-306	37.5473	81.9490	PPK	1.1	2.1	5.7	1.91	0.37 +	5.16	1627.	46.	18.
91	0000	-307	37.5473	81.9485	PPK	1.1	2.3 +	6.0	2.11 +	0.38 +	5.49	1622.	48.	16.
92	0000	-307	37.5473	81.9479	PPK	1.1	2.1	6.2	1.84	0.33	5.53	1635.	47.	15.
93	0000	-306	37.5473	81.9474	PPK	1.2	2.0	6.6	1.71	0.30	5.68	1653.	48.	14.
94	0000	-304	37.5474	81.9468	PPK	1.2	2.2 +	6.6	1.91	0.34	5.69	1665.	46.	13.
95	0000	-304	37.5474	81.9463	PPK	1.2	2.1	6.5	1.75	0.32	5.46	1640.	46.	13.
96	0000	-305	37.5474	81.9457	PPK	1.1	2.4 +	6.1	2.07 +	0.39 +	5.37	1631.	46.	12.
97	0000	-303	37.5474	81.9451	PPK	1.2	2.2 +	6.1	1.90	0.36 +	5.29	1624.	46.	12.
98	0000	-303	37.5474	81.9445	PPK	1.1	2.2 +	6.1	1.93 +	0.36 +	5.30	1604.	45.	12.
99	0000	-302	37.5474	81.9440	PPK	1.1	2.3 +	6.2	2.04 +	0.37 +	5.50	1612.	45.	11.
100	0000	-301	37.5474	81.9434	PPK	1.2	2.3 +	5.8	1.94 +	0.39 +	4.94	1631.	44.	11.
101	0000	-301	37.5474	81.9429	PPK	1.2	2.2 +	5.7	1.86	0.39 +	4.75	1645.	44.	11.
102	0000	-300	37.5474	81.9423	PPK	1.2	2.2 +	5.6	1.83	0.40 +	4.61 -	1641.	47.	11.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-299	37.5474	81.9417	PPK	1.2	2.0	5.3	1.67	0.38 +	4.38 -	1623.	48.	11.
104	0000	-300	37.5474	81.9412	PPK	1.2	2.0	5.3	1.73	0.38 +	4.53 -	1586.	48.	11.
105	0000	-300	37.5474	81.9407	PPK	1.1	1.7	5.1	1.51	0.34	4.46 -	1535.	48.	11.
106	0000	-297	37.5474	81.9400	PPK	1.1	1.6	4.4 -	1.50	0.37 +	4.05 --	1452.	47.	11.
107	0000	-296	37.5474	81.9395	PPK	1.0	1.7	4.3 -	1.68	0.39 +	4.35 -	1375.	47.	11.
108	0000	-297	37.5474	81.9389	PPK	0.9	1.6	4.6 -	1.72	0.35	4.95	1313.	49.	10.
109	0000	-296	37.5474	81.9384	PPK	0.9	1.5	5.0	1.60	0.29	5.42	1299.	47.	10.
110	0000	-294	37.5474	81.9378	PPK	0.9	1.5	5.4	1.76	0.28	6.26 +	1304.	47.	10.
111	0000	-293	37.5475	81.9373	PPK	0.9	1.5	5.9	1.60	0.25	6.35 +	1370.	47.	9.
112	0000	-293	37.5475	81.9367	PPK	1.0	1.6	6.0	1.63	0.27	6.11	1430.	47.	9.
113	0000	-293	37.5475	81.9362	PPK	1.0	1.7	6.4	1.66	0.26	6.30 +	1461.	47.	8.
114	0000	-293	37.5475	81.9356	PPK	1.0	1.6	6.5	1.57	0.25	6.37 +	1465.	48.	7.
115	0000	-291	37.5475	81.9350	PPK	1.1	1.7	6.3	1.65	0.27	6.02	1478.	47.	7.
116	0000	-289	37.5475	81.9344	PPK	1.0	1.8	6.4	1.76	0.28	6.29 +	1476.	46.	7.
117	0000	-292	37.5475	81.9339	PPK	1.0	1.6	6.4	1.54	0.25	6.21	1454.	47.	7.
118	0000	-294	37.5475	81.9334	PPK	1.0	1.6	5.8	1.71	0.28	6.04	1391.	43.	8.
119	0000	-293	37.5475	81.9328	PPK	0.9	1.5	5.6	1.69	0.27	6.31 +	1329.	44.	10.
120	0000	-293	37.5475	81.9322	PPK	0.9	1.3	5.4	1.48	0.24	6.26 +	1299.	45.	12.
121	0000	-295	37.5475	81.9316	PPK	0.8 -	1.4	5.2	1.69	0.27	6.22 +	1288.	44.	13.
122	0000	-294	37.5475	81.9312	PPK	0.8 -	1.2	5.3	1.48	0.23	6.31 +	1291.	43.	13.
123	0000	-290	37.5475	81.9305	PPK	0.8 -	1.3	5.0	1.57	0.26	5.99	1288.	45.	14.
124	0000	-292	37.5475	81.9300	PPK	0.9	1.4	5.1	1.57	0.27	5.82	1298.	44.	14.
125	0000	-293	37.5475	81.9294	PPK	0.9	1.6	4.9	1.83	0.32	5.66	1319.	48.	13.
126	0000	-289	37.5475	81.9289	PPK	0.9	1.8	4.8	1.96 +	0.38 +	5.10	1357.	50.	13.
127	0000	-289	37.5475	81.9283	PPK	1.0	1.9	5.2	2.01 +	0.37 +	5.41	1411.	52.	12.
128	0000	-291	37.5475	81.9278	PPK	1.0	1.7	5.6	1.64	0.30	5.39	1485.	53.	13.
129	0000	-290	37.5475	81.9272	PPK	1.1	2.0	6.1	1.89	0.33	5.71	1562.	54.	13.
130	0000	-290	37.5475	81.9266	PPK	1.2	1.9	6.3	1.58	0.30	5.35	1660.	52.	15.
131	0000	-291	37.5475	81.9261	PPK	1.3	2.2 +	5.9	1.74	0.37 +	4.67 -	1787.	52.	16.
132	0000	-289	37.5475	81.9255	PPK	1.4	1.8	6.4	1.31	0.29	4.54 -	1874.	52.	18.
133	0000	-289	37.5475	81.9249	PPK	1.4	1.8	6.8	1.30	0.27	4.80	1941.	50.	18.
134	0000	-290	37.5476	81.9244	PPK	1.5 +	2.0	6.9	1.41	0.30	4.76	1949.	48.	18.
135	0000	-289	37.5476	81.9238	PPK	1.4 +	2.2	6.6	1.50	0.33	4.56 -	1930.	47.	17.
136	0000	-286	37.5475	81.9233	PPK	1.5 +	2.1	6.0	1.44	0.36 +	4.06 --	1906.	47.	15.
137	0000	-288	37.5476	81.9227	PPK	1.4	2.2 +	5.9	1.59	0.37 +	4.26 -	1823.	48.	12.
138	0000	-289	37.5476	81.9221	PPK	1.3	2.1	6.1	1.67	0.35	4.82	1674.	47.	9.
139	0000	-289	37.5476	81.9215	PPK	1.1	2.4 +	5.6	2.17 +	0.43 ++	5.00	1570.	49.	7.
140	0000	-288	37.5476	81.9210	PPK	1.1	2.6 +	5.3	2.42 +	0.49 ++	4.99	1487.	49.	4.
141	0000	-288	37.5477	81.9204	PPK	1.0	2.6 +	4.7	2.64 +	0.56 +++	4.72	1436.	47.	3.
142	0000	-290	37.5477	81.9199	PPK	1.0	2.6 +	4.6 -	2.75 ++	0.57 +++	4.80	1382.	49.	3.
143	0000	-290	37.5477	81.9193	PPK	0.9	2.3 +	5.2	2.45 +	0.44 ++	5.59	1341.	47.	3.
144	0000	-290	37.5477	81.9188	PPK	0.9	2.3 +	5.1	2.53 +	0.45 ++	5.58	1348.	48.	3.
145	0000	-292	37.5477	81.9182	PPK	1.0	2.1	5.3	2.11 +	0.41 +	5.21	1407.	49.	4.
146	0000	-292	37.5477	81.9176	PPK	1.1	2.0	5.3	1.84	0.38 +	4.82	1434.	46.	6.
147	0000	-291	37.5477	81.9171	PPK	1.1	1.7	5.3	1.55	0.33	4.75	1412.	47.	6.
148	0000	-291	37.5477	81.9165	PPK	1.1	1.6	5.3	1.44	0.30	4.87	1389.	46.	6.
149	0000	-292	37.5477	81.9159	PPK	1.1	1.6	5.6	1.48	0.29	5.18	1379.	45.	6.
150	0000	-293	37.5477	81.9154	PPK	1.1	1.7	4.8	1.65	0.36 +	4.53 -	1367.	48.	6.
151	0000	-294	37.5477	81.9148	PPK	1.1	1.7	5.0	1.50	0.33	4.49 -	1402.	49.	6.
152	0000	-295	37.5477	81.9142	PPK	1.2	1.8	5.4	1.53	0.33	4.64 -	1437.	48.	5.
153	0000	-297	37.5477	81.9138	PPK	1.1	2.1	5.7	1.86	0.37 +	5.01	1516.	48.	5.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKJT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-298	37.5477	81.9132		PPK	1.2	2.3 +	6.3	1.94 +	0.36 +	5.38	1622.	49.	6.
155	0000	-299	37.5477	81.9126		PPK	1.2	2.4 +	7.1	1.97 +	0.34	5.76	1700.	52.	7.
156	0000	-298	37.5477	81.9120		PPK	1.3	2.5 +	7.4	1.89	0.34	5.62	1767.	50.	7.
157	0000	-298	37.5477	81.9114		PPK	1.4	2.2 +	7.8 +	1.60	0.28	5.73	1817.	48.	9.
158	0000	-300	37.5477	81.9109		PPK	1.4	2.2 +	8.0 +	1.62	0.28	5.77	1834.	46.	10.
159	0000	-300	37.5477	81.9103		PPK	1.3	2.3 +	7.4	1.79	0.32	5.66	1808.	47.	11.
160	0000	-300	37.5477	81.9098		PPK	1.3	2.1	7.2	1.64	0.28	5.77	1712.	48.	13.
161	0000	-302	37.5477	81.9092		PPK	1.2	1.9	6.7	1.56	0.28	5.51	1625.	47.	13.
162	0000	-303	37.5477	81.9087		PPK	1.2	1.5	6.4	1.25	0.24	5.25	1599.	46.	13.
163	0000	-304	37.5477	81.9081		PPK	1.2	1.5	6.4	1.22	0.23	5.29	1591.	50.	12.
164	0000	-304	37.5477	81.9075		PPK	1.2	1.9	6.5	1.54	0.29	5.38	1590.	52.	10.
165	0000	-307	37.5477	81.9069		PPK	1.2	1.9	6.4	1.62	0.30	5.44	1596.	53.	8.
166	0000	-307	37.5477	81.9064		PPK	1.1	1.9	6.6	1.70	0.29	5.77	1597.	54.	6.
167	0000	-303	37.5477	81.9059		PPK	1.2	2.0	6.8	1.63	0.30	5.49	1654.	52.	4.
168	0000	-299	37.5477	81.9053		PPK	1.3	2.2 +	6.8	1.67	0.33	5.15	1696.	51.	3.
169	0000	-297	37.5477	81.9047		PPK	1.3	2.5 +	6.8	1.85	0.36 +	5.13	1716.	49.	2.
170	0000	-299	37.5478	81.9042		PPK	1.3	2.6 +	6.6	1.97 +	0.39 +	5.03	1720.	44.	1.
171	0000	-308	37.5478	81.9037		PPK	1.4	2.3 +	6.8	1.68	0.34	4.89	1723.	44.	2.
172	0000	-314	37.5478	81.9030		PPK	1.4	2.3 +	6.9	1.60	0.33	4.88	1747.	45.	3.
173	0000	-316	37.5478	81.9025		PPK	1.5 +	2.1	7.3	1.42	0.29	4.88	1775.	45.	5.
174	0000	-320	37.5478	81.9019		PPK	1.5 +	1.9	7.3	1.26	0.26	4.89	1773.	46.	7.
175	0000	-323	37.5478	81.9014		PPK	1.5 +	1.8	7.5	1.20	0.24	4.99	1815.	48.	9.
176	0000	-323	37.5478	81.9008		PPK	1.6 +	1.7	7.6 +	1.10	0.23	4.91	1870.	50.	12.
177	0000	-323	37.5478	81.9003		PPK	1.7 +	1.4	8.0 +	0.83 -	0.17 -	4.75	1926.	52.	13.
178	0000	-326	37.5478	81.8997		PPK	1.6 +	1.8	7.6 +	1.07	0.23	4.65 -	1951.	53.	14.
179	0000	-329	37.5478	81.8991		PPK	1.6 +	1.9	7.6 +	1.14	0.24	4.66 -	1970.	50.	15.
180	0000	-328	37.5478	81.8986		PPK	1.6 +	2.3 +	7.4	1.38	0.30	4.54 -	2003.	49.	13.
181	0000	-331	37.5478	81.8980		PPK	1.6 +	2.2 +	7.3	1.35	0.30	4.47 -	2006.	50.	13.
182	0000	-336	37.5478	81.8974		PPK	1.6 +	2.6 +	7.4	1.65	0.35 +	4.66 -	1985.	49.	10.
183	0000	-337	37.5478	81.8969		PPK	1.5 +	2.8 +	7.2	1.81	0.39 +	4.69	1959.	49.	8.
184	0000	-337	37.5478	81.8963		PPK	1.5 +	3.3 ++	6.8	2.23 +	0.49 ++	4.53 -	1948.	51.	7.
185	0000	-339	37.5478	81.8958		PPK	1.5 +	3.2 ++	7.4	2.11 +	0.44 ++	4.83	1978.	49.	5.
186	0000	-342	37.5478	81.8952		PPK	1.5 +	3.4 ++	7.6 +	2.18 +	0.44 ++	4.91	1945.	49.	3.
187	0000	-343	37.5479	81.8947		PPK	1.4 +	3.2 ++	7.7 +	2.19 +	0.41 +	5.29	1877.	49.	2.
188	0000	-344	37.5479	81.8940		PPK	1.4	3.3 ++	7.6 +	2.40 +	0.43 +	5.56	1816.	49.	2.
189	0000	-345	37.5479	81.8936		PPK	1.3	2.7 +	7.6 +	2.02 +	0.36 +	5.64	1751.	50.	2.
190	0000	-346	37.5479	81.8930		PPK	1.3	2.7 +	7.3	2.08 +	0.37 +	5.60	1700.	50.	3.
191	0000	-347	37.5479	81.8924		PPK	1.2	2.3 +	7.6 +	1.90	0.31	6.17	1649.	49.	3.
192	0000	-349	37.5479	81.8918		PPK	1.2	2.2 +	7.4	1.86	0.29	6.32 +	1597.	49.	4.
193	0000	-349	37.5479	81.8913		PPK	1.1	2.2 +	6.9	1.97 +	0.33	6.04	1580.	50.	5.
194	0000	-349	37.5479	81.8907		PPK	1.2	2.3 +	6.7	1.86	0.34	5.46	1620.	50.	6.
195	0000	-350	37.5479	81.8902		PPK	1.3	2.5 +	7.0	1.95 +	0.36 +	5.43	1707.	51.	6.
196	0000	-354	37.5479	81.8896		PPK	1.4	2.6 +	7.1	1.90	0.37 +	5.19	1780.	52.	7.
197	0000	-356	37.5479	81.8890		PPK	1.4	2.5 +	7.4	1.77	0.34	5.24	1821.	52.	8.
198	0000	-354	37.5480	81.8885		PPK	1.4	2.6 +	7.3	1.86	0.36 +	5.24	1838.	53.	8.
199	0000	-356	37.5480	81.8879		PPK	1.4	2.7 +	7.2	1.93 +	0.38 +	5.11	1829.	54.	8.
200	0000	-360	37.5480	81.8873		PPK	1.4	2.4 +	7.4	1.73	0.33	5.25	1833.	53.	8.
201	0000	-362	37.5480	81.8868		PPK	1.4	2.4 +	7.4	1.76	0.33	5.35	1851.	54.	8.
202	0000	-364	37.5480	81.8862		PPK	1.4	2.5 +	7.3	1.81	0.34	5.27	1845.	52.	8.
203	0000	-365	37.5480	81.8857		PPK	1.4	2.5 +	7.4	1.83	0.34	5.42	1837.	49.	7.
204	0000	-367	37.5480	81.8851		PPK	1.4	2.4 +	7.2	1.71	0.33	5.15	1831.	49.	8.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-371	37.5480	81.8845	PPK	1.4	2.4 +	7.5	1.73	0.32	5.35	1871.	48.	8.
206	0000	-372	37.5480	81.8839	PPK	1.4	2.5 +	7.5	1.81	0.34	5.37	1893.	49.	8.
207	0000	-373	37.5480	81.8834	PPK	1.4 +	2.6 +	7.6 +	1.80	0.34	5.31	1908.	48.	8.
208	0000	-376	37.5480	81.8828	PPK	1.4 +	2.5 +	7.9 +	1.77	0.32	5.53	1915.	48.	9.
209	0000	-378	37.5480	81.8823	PPK	1.5 +	2.4 +	8.1 +	1.62	0.30	5.47	1929.	48.	9.
210	0000	-381	37.5480	81.8817	PPK	1.5 +	2.3 +	8.0 +	1.53	0.29	5.30	1939.	51.	10.
211	0000	-382	37.5480	81.8812	PPK	1.4 +	2.4 +	8.2 +	1.66	0.29	5.71	1934.	49.	10.
212	0000	-380	37.5480	81.8806	PPK	1.4	2.2 +	7.8 +	1.56	0.28	5.54	1876.	47.	11.
213	0000	-382	37.5480	81.8801	PPK	1.4	2.1	7.6 +	1.57	0.28	5.62	1841.	45.	11.
214	0000	-384	37.5480	81.8794	PPK	1.3	2.1	7.3	1.56	0.28	5.52	1803.	44.	12.
215	0000	-385	37.5480	81.8789	PPK	1.3	1.9	6.9	1.39	0.27	5.19	1756.	46.	12.
216	0000	-386	37.5480	81.8784	PPK	1.3	1.8	7.2	1.39	0.26	5.43	1765.	46.	11.
217	0000	-388	37.5480	81.8778	PPK	1.3	2.1	7.4	1.58	0.28	5.60	1777.	47.	11.
218	0000	-388	37.5480	81.8772	PPK	1.4	2.3 +	7.5	1.67	0.31	5.43	1805.	47.	10.
219	0000	-386	37.5480	81.8767	PPK	1.4	2.3 +	7.6 +	1.64	0.30	5.47	1833.	49.	10.
220	0000	-385	37.5480	81.8762	PPK	1.4	2.3 +	7.7 +	1.64	0.30	5.46	1837.	49.	8.
221	0000	-389	37.5480	81.8756	PPK	1.4	2.5 +	7.7 +	1.77	0.32	5.51	1820.	51.	6.
222	0000	-393	37.5480	81.8750	PPK	1.3	2.4 +	7.8 +	1.78	0.30	5.85	1788.	51.	6.
223	0000	-394	37.5480	81.8744	PPK	1.3	2.4 +	7.5	1.84	0.32	5.78	1758.	50.	5.
224	0000	-398	37.5480	81.8738	PPK	1.3	2.3 +	7.4	1.74	0.31	5.67	1738.	49.	4.
225	0000	-403	37.5480	81.8733	PPK	1.3	2.1	7.2	1.68	0.29	5.75	1708.	50.	3.
226	0000	-403	37.5480	81.8728	PPK	1.3	2.1	7.3	1.66	0.29	5.70	1684.	48.	3.
227	0000	-405	37.5480	81.8722	PPK	1.3	2.0	7.3	1.58	0.27	5.75	1673.	49.	4.
228	0000	-411	37.5480	81.8716	PPK	1.3	1.8	7.9 +	1.46	0.23	6.27 +	1684.	50.	5.
229	0000	-413	37.5480	81.8711	PPK	1.3	2.0	7.5	1.56	0.27	5.81	1701.	50.	6.
230	0000	-413	37.5481	81.8705	PPK	1.3	1.9	7.5	1.48	0.25	5.84	1689.	51.	7.
231	0000	-417	37.5481	81.8699	PPK	1.3	1.8	7.3	1.38	0.25	5.54	1731.	51.	8.
232	0000	-421	37.5481	81.8694	PPK	1.4	1.9	7.4	1.38	0.25	5.43	1784.	50.	10.
233	0000	-423	37.5481	81.8689	PPK	1.4	1.8	7.7 +	1.34	0.24	5.67	1838.	51.	10.
234	0000	-426	37.5481	81.8682	PPK	1.4	1.5	8.1 +	1.15	0.20	5.72	1890.	49.	11.
235	0000	-432	37.5480	81.8677	PPK	1.5 +	1.6	7.8 +	1.10	0.21	5.35	1917.	48.	12.
236	0000	-440	37.5480	81.8671	PPK	1.5 +	1.5	8.0 +	1.02	0.18 -	5.54	1909.	46.	13.
237	0000	-444	37.5480	81.8665	PPK	1.5 +	1.5	8.2 +	0.99 -	0.18 -	5.56	1901.	48.	13.
238	0000	-444	37.5480	81.8659	PPK	1.4	1.6	7.9 +	1.12	0.20	5.63	1832.	47.	11.
239	0000	-434	37.5479	81.8652	PPK	1.4	1.4	7.8 +	0.99 -	0.17 -	5.64	1761.	49.	10.
240	0000	-422	37.5479	81.8647	PPK	1.4	1.4	7.1	0.99 -	0.19	5.18	1676.	51.	9.
241	0000	-414	37.5479	81.8641	PPK	1.3	1.6	6.5	1.30	0.25	5.11	1601.	52.	7.
242	0000	-409	37.5479	81.8635	PPK	1.2	1.7	6.3	1.44	0.28	5.21	1538.	54.	5.
243	0000	-406	37.5478	81.8630	PPK	1.2	1.7	6.3	1.44	0.27	5.27	1521.	54.	4.
244	0000	-405	37.5479	81.8624	PPK	1.1	1.7	5.9	1.51	0.30	5.13	1483.	52.	4.
245	0000	-404	37.5478	81.8617	PPK	1.1	1.6	6.0	1.41	0.27	5.22	1461.	56.	4.
246	0000	-406	37.5478	81.8612	PPK	1.1	1.9	5.7	1.65	0.33	5.00	1452.	54.	3.
247	0000	-409	37.5477	81.8605	PPK	1.2	2.0	5.7	1.72	0.35 +	4.87	1503.	53.	3.
248	0000	-408	37.5477	81.8600	PPK	1.3	2.2 +	6.1	1.75	0.37 +	4.77	1581.	52.	3.
249	0000	-411	37.5477	81.8594	PPK	1.3	2.4 +	6.3	1.83	0.39 +	4.69	1653.	53.	4.
250	0000	-420	37.5477	81.8587	PPK	1.4	2.6 +	6.1	1.91	0.43 +	4.44 -	1711.	55.	4.
251	0000	-426	37.5477	81.8582	PPK	1.4	2.7 +	6.1	1.89	0.44 ++	4.32 -	1774.	57.	4.
252	0000	-426	37.5477	81.8576	PPK	1.4	2.9 +	6.6	2.05 +	0.43 ++	4.72	1812.	54.	4.
253	0000	-428	37.5476	81.8570	PPK	1.4	3.0 +	6.8	2.13 +	0.44 ++	4.85	1840.	55.	4.
254	0000	-431	37.5476	81.8565	PPK	1.4	2.9 +	6.7	2.15 +	0.43 ++	4.97	1820.	58.	4.
255	0000	-432	37.5475	81.8559	PPK	1.3	2.6 +	6.7	2.00 +	0.39 +	5.10	1780.	59.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-435	37.5475	81.8552		PPK	1.4	2.5 +	6.6	1.86	0.38 +	4.81	1743.	58.	4.
257	0000	-439	37.5475	81.8547		PPK	1.3	2.4 +	6.4	1.92	0.37 +	5.15	1634.	56.	4.
258	0000	-439	37.5474	81.8540		PPK	1.2	2.2 +	6.3	1.87	0.35	5.38	1504.	55.	4.
259	0000	-441	37.5474	81.8535		PPK	1.1	2.0	5.8	1.74	0.34	5.14	1418.	55.	4.
260	0000	-442	37.5474	81.8529		PPK	1.1	1.8	5.3	1.67	0.34	4.86	1331.	54.	4.
261	0000	-439	37.5474	81.8522		PPK	1.0	1.8	5.1	1.78	0.36 +	5.00	1262.	53.	3.
262	0000	-439	37.5473	81.8517		PPK	0.9	1.9	4.7	2.06 +	0.41 +	5.06	1203.	53.	2.
263	0000	-442	37.5473	81.8511		PPK	0.8	1.8	4.6 -	2.12 +	0.39 +	5.39	1154.	53.	2.
264	0000	-444	37.5473	81.8506		PPK	0.9	1.7	4.6 -	2.00 +	0.37 +	5.40	1161.	55.	2.
265	0000	-444	37.5473	81.8500		PPK	0.9	1.9	5.1	2.10 +	0.38 +	5.60	1220.	53.	1.
266	0000	-444	37.5472	81.8494		PPK	0.9	2.1	5.2	2.28 +	0.41 +	5.52	1279.	52.	0.
267	0000	-445	37.5472	81.8487		PPK	1.0	2.2 +	6.0	2.25 +	0.37 +	6.09	1371.	49.	0.
268	0000	-445	37.5472	81.8481		PPK	1.0	2.2 +	6.8	2.12 +	0.33	6.47 +	1441.	48.	0.
269	0000	-445	37.5472	81.8476		PPK	1.1	2.1	6.9	1.89	0.31	6.16	1490.	48.	0.
270	0000	-448	37.5472	81.8470		PPK	1.2	2.3 +	7.2	2.00 +	0.32	6.16	1553.	45.	1.
271	0000	-449	37.5472	81.8464		PPK	1.2	2.7 +	7.6 +	2.17 +	0.36 +	6.11	1662.	43.	2.
272	0000	-448	37.5471	81.8459		PPK	1.3	3.0 +	7.1	2.28 +	0.42 +	5.40	1750.	44.	3.
273	0000	-450	37.5471	81.8452		PPK	1.3	2.9 +	7.5	2.18 +	0.39 +	5.56	1795.	45.	5.
274	0000	-453	37.5470	81.8446		PPK	1.4	2.8 +	7.1	2.05 +	0.39 +	5.22	1793.	48.	6.
275	0000	-453	37.5470	81.8441		PPK	1.3	2.7 +	6.4	2.03 +	0.43 +	4.74	1776.	48.	9.
276	0000	-452	37.5470	81.8434		PPK	1.4	2.8 +	6.6	2.07 +	0.42 +	4.91	1794.	48.	10.
277	0000	-455	37.5470	81.8429		PPK	1.4	2.5 +	6.6	1.80	0.37 +	4.85	1814.	51.	12.
278	0000	-455	37.5470	81.8422		PPK	1.4 +	2.2 +	6.7	1.53	0.33	4.68 -	1822.	51.	13.
279	0000	-454	37.5470	81.8416		PPK	1.4	1.9	7.2	1.37	0.26	5.24	1811.	50.	14.
280	0000	-458	37.5469	81.8411		PPK	1.3	1.9	6.7	1.45	0.29	5.00	1789.	49.	15.
281	0000	-459	37.5469	81.8405		PPK	1.3	2.0	6.7	1.55	0.29	5.28	1787.	49.	15.
282	0000	-458	37.5469	81.8399		PPK	1.2	2.2 +	7.1	1.78	0.31	5.76	1822.	49.	15.
283	0000	-459	37.5468	81.8394		PPK	1.2	2.3 +	6.9	1.93 +	0.34	5.73	1869.	49.	16.
284	0000	-460	37.5468	81.8387		PPK	1.2	2.5 +	6.9	2.14 +	0.37 +	5.85	1922.	50.	17.
285	0000	-461	37.5468	81.8381		PPK	1.2	2.7 +	6.8	2.31 +	0.39 +	5.90	1957.	51.	17.
286	0000	-461	37.5468	81.8376		PPK	1.1	2.7 +	7.0	2.45 +	0.38 +	6.37 +	1960.	52.	18.
287	0000	-462	37.5467	81.8369		PPK	1.1	2.7 +	7.6 +	2.50 +	0.35 +	7.09 +	1979.	54.	18.
288	0000	-463	37.5467	81.8364		PPK	1.1	2.7 +	7.5 +	2.41 +	0.35 +	6.85 +	1991.	52.	18.
289	0000	-462	37.5467	81.8357		PPK	1.2	2.7 +	7.4	2.31 +	0.37 +	6.31 +	2053.	51.	19.
290	0000	-464	37.5467	81.8351		PPK	1.2	2.7 +	7.6 +	2.17 +	0.35 +	6.13	2106.	50.	19.
291	0000	-467	37.5466	81.8346		PPK	1.3	2.7 +	7.6 +	2.14 +	0.36 +	5.96	2073.	48.	19.
292	0000	-466	37.5466	81.8340		PPK	1.2	2.6 +	7.7 +	2.15 +	0.34	6.29 +	1994.	45.	18.
293	0000	-466	37.5466	81.8334		PPK	1.2	2.7 +	7.4	2.21 +	0.36 +	6.14	1951.	44.	18.
294	0000	-468	37.5466	81.8329		PPK	1.3	2.5 +	7.0	2.01 +	0.36 +	5.53	1953.	42.	17.
295	0000	-469	37.5465	81.8322		PPK	1.3	2.6 +	6.8	2.05 +	0.39 +	5.30	1975.	45.	17.
296	0000	-469	37.5465	81.8316		PPK	1.3	2.2 +	7.7 +	1.69	0.29	5.83	1971.	46.	17.
297	0000	-469	37.5465	81.8311		PPK	1.3	2.0	7.7 +	1.52	0.26	5.81	1953.	49.	17.
298	0000	-469	37.5465	81.8304		PPK	1.3	2.0	7.8 +	1.53	0.25	6.00	1983.	50.	17.
299	0000	-469	37.5464	81.8299		PPK	1.4	2.0	7.7 +	1.46	0.26	5.62	2037.	52.	17.
300	0000	-471	37.5464	81.8293		PPK	1.5 +	2.0	8.0 +	1.32	0.25	5.32	2093.	51.	17.
301	0000	-471	37.5464	81.8286		PPK	1.5 +	2.1	8.2 +	1.37	0.25	5.47	2109.	52.	18.
302	0000	-469	37.5464	81.8281		PPK	1.5 +	2.0	8.4 +	1.36	0.24	5.74	2091.	49.	18.
303	0000	-470	37.5463	81.8275		PPK	1.4	2.3 +	7.2	1.70	0.32	5.23	2032.	47.	17.
304	0000	-472	37.5463	81.8269		PPK	1.4	2.4 +	7.1	1.76	0.34	5.25	1971.	45.	16.
305	0000	-472	37.5463	81.8264		PPK	1.3	2.4 +	7.2	1.76	0.33	5.34	1901.	45.	15.
306	0000	-472	37.5463	81.8257		PPK	1.3	2.5 +	6.8	2.00 +	0.37 +	5.41	1846.	47.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292 PAGE 365

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-471	37.5462	81.8251	PPK	1.2	2.4 +	6.4	2.02 +	0.38 +	5.30	1784.	50.	12.
308	0000	-471	37.5462	81.8245	PPK	1.2	2.6 +	6.1	2.29 +	0.43 ++	5.30	1765.	49.	11.
309	0000	-472	37.5462	81.8240	PPK	1.2	2.9 +	6.1	2.41 +	0.48 ++	5.02	1774.	50.	9.
310	0000	-473	37.5461	81.8234	PPK	1.2	2.7 +	6.4	2.20 +	0.43 +	5.17	1803.	53.	8.
311	0000	-474	37.5461	81.8228	PPK	1.2	2.8 +	6.6	2.25 +	0.43 +	5.25	1829.	55.	8.
312	0000	-473	37.5461	81.8222	PPK	1.2	3.0 +	6.3	2.41 +	0.47 ++	5.10	1840.	55.	7.
313	0000	-472	37.5461	81.8216	PPK	1.2	2.6 +	6.4	2.15 +	0.41 +	5.24	1809.	54.	7.
314	0000	-472	37.5460	81.8210	PPK	1.2	2.5 +	6.4	2.10 +	0.40 +	5.32	1767.	52.	8.
315	0000	-476	37.5460	81.8204	PPK	1.2	2.2 +	6.2	1.89	0.35 +	5.35	1681.	53.	8.
316	0000	-477	37.5460	81.8198	PPK	1.1	1.8	6.1	1.62	0.30	5.31	1605.	54.	8.
317	0000	-475	37.5460	81.8192	PPK	1.1	2.0	5.8	1.84	0.35	5.25	1545.	52.	7.
318	0000	-477	37.5459	81.8186	PPK	1.1	1.9	5.9	1.75	0.33	5.32	1506.	51.	6.
319	0000	-479	37.5459	81.8180	PPK	1.1	2.0	6.3	1.72	0.31	5.51	1501.	52.	5.
320	0000	-479	37.5459	81.8175	PPK	1.1	2.2	6.1	1.92	0.35 +	5.43	1514.	51.	4.
321	0000	-479	37.5459	81.8169	PPK	1.1	2.4 +	6.1	2.20 +	0.40 +	5.54	1530.	51.	3.
322	0000	-479	37.5458	81.8163	PPK	1.1	2.6 +	6.2	2.33 +	0.42 +	5.54	1552.	51.	2.
323	0000	-480	37.5458	81.8157	PPK	1.1	2.7 +	6.3	2.54 +	0.43 +	5.96	1541.	52.	1.
324	0000	-481	37.5458	81.8151	PPK	1.0	2.6 +	6.1	2.56 +	0.42 +	6.13	1497.	53.	0.
325	0000	-479	37.5458	81.8145	PPK	0.9	2.5 +	5.7	2.79 ++	0.44 ++	6.32 +	1424.	52.	0.
326	0000	-479	37.5457	81.8139	PPK	0.8 -	2.4 +	5.3	2.93 ++	0.44 ++	6.61 +	1366.	52.	0.
327	0000	-482	37.5457	81.8133	PPK	0.8 -	2.4 +	5.2	2.88 ++	0.46 ++	6.27 +	1383.	54.	0.
328	0000	-482	37.5457	81.8128	PPK	0.9	2.4 +	5.5	2.61 +	0.43 +	6.08	1449.	53.	1.
329	0000	-484	37.5457	81.8121	PPK	1.0	2.4 +	5.8	2.35 +	0.41 +	5.73	1545.	52.	2.
330	0000	-485	37.5456	81.8115	PPK	1.1	2.3 +	6.5	2.14 +	0.35 +	6.03	1624.	51.	3.
331	0000	-482	37.5456	81.8110	PPK	1.2	2.4 +	6.7	2.05 +	0.36 +	5.78	1723.	51.	3.
332	0000	-481	37.5455	81.8104	PPK	1.2	2.6 +	7.0	2.11 +	0.37 +	5.75	1815.	52.	4.
333	0000	-483	37.5455	81.8098	PPK	1.3	2.7 +	7.3	2.13 +	0.37 +	5.81	1850.	51.	5.
334	0000	-483	37.5455	81.8092	PPK	1.2	2.6 +	7.5	2.15 +	0.35 +	6.13	1823.	49.	5.
335	0000	-481	37.5455	81.8086	PPK	1.1	2.6 +	7.5	2.28 +	0.35	6.57 +	1753.	50.	5.
336	0000	-480	37.5455	81.8080	PPK	1.1	2.5 +	7.3	2.35 +	0.34	6.88 +	1679.	49.	4.
337	0000	-483	37.5454	81.8074	PPK	1.1	2.6 +	6.6	2.38 +	0.39 +	6.11	1666.	48.	4.
338	0000	-484	37.5454	81.8069	PPK	1.1	2.7 +	6.7	2.47 +	0.41 +	6.08	1678.	50.	4.
339	0000	-486	37.5453	81.8063	PPK	1.2	2.7 +	6.5	2.22 +	0.41 +	5.41	1691.	51.	4.
340	0000	-488	37.5454	81.8056	PPK	1.3	2.8 +	6.4	2.21 +	0.43 +	5.13	1722.	49.	4.
341	0000	-486	37.5453	81.8050	PPK	1.3	2.8 +	6.9	2.16 +	0.41 +	5.22	1783.	50.	4.
342	0000	-485	37.5453	81.8045	PPK	1.4	2.7 +	7.1	1.94 +	0.38 +	5.11	1855.	50.	6.
343	0000	-486	37.5453	81.8039	PPNR	1.5 +	2.9 ++	7.4	1.98	0.39 +	5.05 -	1927.	51.	7.
344	0000	-485	37.5453	81.8033	PPNR	1.4 +	3.3 ++	7.8 +	2.28	0.43 +	5.37 -	1997.	54.	8.
345	0000	-485	37.5452	81.8027	PPNR	1.4 +	3.2 ++	8.1 +	2.22	0.40 +	5.57	2005.	52.	9.
346	0000	-486	37.5452	81.8021	PPNR	1.3 +	3.2 ++	8.1 +	2.36	0.39 +	6.08	2009.	50.	12.
347	0000	-488	37.5452	81.8015	PPNR	1.3 +	3.1 ++	8.1 +	2.29	0.38 +	6.05	2064.	50.	14.
348	0000	-489	37.5452	81.8009	PPNR	1.3 +	3.1 ++	8.5 +	2.28	0.36	6.27	2115.	51.	16.
349	0000	-487	37.5451	81.8004	PPNR	1.4 +	3.2 ++	8.5 +	2.33	0.38 +	6.19	2165.	47.	19.
350	0000	-485	37.5451	81.7998	PPNR	1.4 +	3.1 ++	8.7 +	2.24	0.36	6.28	2208.	48.	21.
351	0000	-489	37.5451	81.7991	PPNR	1.4 +	2.6 +	9.0 ++	1.80	0.29	6.26	2213.	43.	23.
352	0000	-490	37.5451	81.7986	PPNR	1.4 +	2.7 +	8.9 ++	1.90	0.30	6.34	2222.	42.	24.
353	0000	-489	37.5450	81.7980	PPNR	1.4 +	2.8 +	9.1 ++	1.93	0.30	6.36	2261.	43.	24.
354	0000	-490	37.5450	81.7974	PPNR	1.4 +	2.8 +	9.1 ++	1.91	0.30	6.30	2258.	44.	25.
355	0000	-489	37.5450	81.7968	PPNR	1.4 +	2.5 +	8.2 +	1.78	0.31	5.81	2201.	44.	26.
356	0000	-488	37.5450	81.7962	PPNR	1.4 +	2.4 +	8.1 +	1.76	0.30	5.89	2119.	46.	25.
357	0000	-487	37.5450	81.7957	PPNR	1.3 +	2.3 +	7.4 +	1.82	0.31	5.86	2013.	45.	24.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-484	37.5450	81.7951	PPNR	1.2	2.3 +	6.9	1.94	0.33	5.79	1915.	47.	24.
359	0000	-486	37.5450	81.7945	PPNR	1.1	2.1	6.5	1.84	0.32	5.69	1835.	47.	24.
360	0000	-489	37.5450	81.7940	PPNR	1.1	1.7	6.1	1.58	0.28	5.51	1739.	46.	24.
361	0000	-489	37.5450	81.7935	PPNR	1.0	1.7	6.2	1.69	0.27	6.20	1664.	44.	23.
362	0000	-490	37.5450	81.7928	PPNR	1.0	1.7	6.4	1.66	0.26	6.31	1639.	44.	23.
363	0000	-490	37.5450	81.7923	PPNR	1.0	1.6	6.4	1.51	0.24	6.20	1647.	43.	23.
364	0000	-487	37.5451	81.7918	PPNR	1.1	1.6	6.6	1.47	0.23	6.28	1669.	44.	23.
365	0000	-488	37.5451	81.7912	PPNR	1.0	1.6	6.8	1.59	0.24	6.61	1682.	45.	22.
366	0000	-491	37.5451	81.7906	PPNR	1.1	1.5	6.9	1.43	0.22	6.50	1674.	45.	21.
367	0000	-489	37.5451	81.7901	PPNR	1.1	1.8	6.6	1.63	0.28	5.93	1666.	45.	19.
368	0000	-487	37.5452	81.7896	PPNR	1.1	1.7	6.6	1.48	0.26	5.81	1652.	47.	18.
369	0000	-488	37.5452	81.7890	PPNR	1.1	2.0	6.3	1.88	0.33	5.79	1633.	47.	15.
370	0000	-486	37.5452	81.7884	PPNR	1.1	2.2	6.2	2.12	0.36	5.82	1613.	49.	13.
371	0000	-485	37.5452	81.7879	PPNR	1.1	2.3 +	6.3	2.17	0.37	5.92	1623.	52.	12.
372	0000	-486	37.5453	81.7873	PPNR	1.1	2.5 +	6.0	2.28	0.42 +	5.43	1638.	53.	11.
373	0000	-488	37.5453	81.7867	PPNR	1.1	2.6 +	6.1	2.37	0.42 +	5.59	1645.	52.	10.
374	0000	-487	37.5453	81.7862	PPNR	1.0	2.5 +	6.3	2.45	0.41 +	6.04	1644.	56.	10.
375	0000	-485	37.5453	81.7856	PPNR	1.0	2.7 +	6.1	2.61 +	0.45 +	5.86	1651.	55.	11.
376	0000	-487	37.5453	81.7851	PPNR	1.1	2.2	6.4	2.07	0.35	5.88	1672.	56.	13.
377	0000	-489	37.5453	81.7845	PPK	1.1	2.1	6.4	1.83	0.32	5.70	1703.	54.	15.
378	0000	-485	37.5453	81.7839	PPK	1.2	2.0	6.2	1.68	0.32	5.19	1731.	51.	17.
379	0000	-484	37.5454	81.7834	PPK	1.2	1.8	6.8	1.44	0.26	5.51	1776.	50.	19.
380	0000	-485	37.5454	81.7829	PPK	1.3	1.8	7.1	1.37	0.25	5.46	1850.	50.	20.
381	0000	-486	37.5454	81.7822	PPK	1.3	1.6	7.1	1.22	0.23	5.26	1910.	49.	23.
382	0000	-487	37.5454	81.7818	PPK	1.3	1.6	7.5	1.17	0.21	5.56	1975.	49.	24.
383	0000	-488	37.5455	81.7812	PPK	1.4	1.6	7.6 +	1.14	0.21	5.37	2058.	47.	25.
384	0000	-488	37.5455	81.7806	PPK	1.4	2.1	7.8 +	1.52	0.27	5.70	2131.	49.	25.
385	0000	-486	37.5455	81.7800	PPK	1.3	2.4 +	8.2 +	1.84	0.29	6.28 +	2145.	48.	24.
386	0000	-485	37.5455	81.7795	PPK	1.3	2.4 +	7.8 +	1.87	0.30	6.19	2109.	48.	23.
387	0000	-487	37.5455	81.7790	PPK	1.2	2.4 +	7.7 +	1.96 +	0.31	6.28 +	2053.	49.	21.
388	0000	-486	37.5455	81.7784	PPK	1.2	2.6 +	7.9 +	2.25 +	0.33	6.76 +	1994.	47.	18.
389	0000	-483	37.5455	81.7778	PPK	1.2	2.8 +	7.4	2.42 +	0.38 +	6.44 +	1921.	49.	15.
390	0000	-483	37.5455	81.7773	PPK	1.1	3.0 +	7.3	2.78 ++	0.40 +	6.85 +	1813.	49.	12.
391	0000	-483	37.5456	81.7767	PPK	1.0	2.7 +	6.8	2.60 +	0.40 +	6.55 +	1703.	47.	10.
392	0000	-480	37.5456	81.7761	PPK	1.1	2.5 +	6.3	2.33 +	0.39 +	5.98	1629.	50.	8.
393	0000	-481	37.5456	81.7756	PPK	1.0	2.5 +	6.1	2.53 +	0.41 +	6.10	1585.	49.	6.
394	0000	-482	37.5457	81.7750	PPK	1.0	2.6 +	5.8	2.63 +	0.44 ++	5.97	1554.	48.	5.
395	0000	-478	37.5457	81.7745	PPK	1.0	2.5 +	5.9	2.53 +	0.42 +	6.00	1549.	48.	6.
396	0000	-478	37.5457	81.7739	PPK	1.0	2.1	6.3	2.08 +	0.34	6.19	1550.	47.	6.
397	0000	-479	37.5457	81.7734	PPK	1.0	2.1	6.5	2.06 +	0.33	6.23 +	1565.	49.	7.
398	0000	-478	37.5457	81.7728	PPK	1.1	1.9	6.6	1.70	0.29	5.90	1584.	50.	9.
399	0000	-478	37.5457	81.7722	PPK	1.1	1.7	6.6	1.56	0.26	5.96	1588.	49.	11.
400	0000	-477	37.5457	81.7717	PPK	1.1	1.6	6.7	1.37	0.23	5.90	1593.	50.	13.
401	0000	-478	37.5457	81.7712	PPK	1.1	1.4	6.5	1.27	0.22	5.79	1577.	52.	15.
402	0000	-479	37.5458	81.7706	PPK	1.1	1.4	6.6	1.28	0.22	5.90	1580.	52.	16.
403	0000	-477	37.5458	81.7700	PPK	1.2	1.4	6.7	1.17	0.20	5.74	1620.	51.	17.
404	0000	-476	37.5458	81.7694	PPK	1.2	1.2	6.9	0.99 -	0.17 -	5.80	1630.	49.	18.
405	0000	-478	37.5459	81.7689	PPK	1.1	1.3	6.9	1.18	0.19 -	6.36 +	1612.	48.	17.
406	0000	-477	37.5459	81.7684	PPK	1.0	1.4	7.2	1.38	0.20	6.87 +	1594.	49.	16.
407	0000	-472	37.5459	81.7678	PPK	1.0	1.5	7.2	1.47	0.21	7.01 +	1599.	48.	16.
408	0000	-472	37.5459	81.7673	PPK	1.1	1.4	7.3	1.31	0.19	6.88 +	1636.	47.	16.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-474	37.5459	81.7667	PPK	1.2	1.1	7.7 +	0.96 -	0.14 -	6.63 +	1705.	46.	15.
410	0000	-472	37.5460	81.7661	PPK	1.2	1.5	7.5	1.28	0.20	6.50 +	1735.	47.	15.
411	0000	-471	37.5460	81.7655	PPK	1.2	1.7	7.4	1.49	0.23	6.38 +	1750.	47.	15.
412	0000	-474	37.5460	81.7650	PPK	1.2	1.9	7.3	1.54	0.25	6.08	1771.	47.	16.
413	0000	-473	37.5461	81.7644	PPK	1.3	1.8	7.3	1.38	0.24	5.70	1809.	47.	16.
414	0000	-468	37.5461	81.7639	PPK	1.3	1.9	7.5 +	1.44	0.25	5.75	1846.	46.	16.
415	0000	-467	37.5461	81.7633	PPK	1.4	1.8	7.9 +	1.34	0.23	5.83	1890.	44.	16.
416	0000	-465	37.5461	81.7628	PPK	1.3	2.1	7.3	1.63	0.29	5.65	1879.	45.	16.
417	0000	-465	37.5461	81.7622	PPK	1.3	2.1	6.9	1.65	0.31	5.32	1853.	45.	16.
418	0000	-466	37.5461	81.7617	PPK	1.2	2.0	6.8	1.64	0.30	5.46	1836.	44.	16.
419	0000	-465	37.5461	81.7611	PPK	1.2	2.1	6.6	1.73	0.32	5.47	1835.	44.	16.
420	0000	-466	37.5461	81.7605	PPK	1.2	2.2 +	6.7	1.80	0.33	5.45	1823.	45.	16.
421	0000	-466	37.5462	81.7600	PPNR	1.2	2.2	6.4	1.82	0.34	5.37 -	1773.	46.	16.
422	0000	-465	37.5462	81.7594	PPNR	1.1	2.3 +	6.0	2.02	0.38 +	5.31 -	1694.	49.	14.
423	0000	-467	37.5462	81.7589	PPNR	1.1	2.1	5.7	1.93	0.37	5.27 -	1605.	50.	14.
424	0000	-463	37.5462	81.7583	PPNR	1.0	1.9	5.6	1.83	0.33	5.53	1527.	50.	14.
425	0000	-462	37.5463	81.7577	PPNR	1.0	1.7	5.6	1.66	0.30	5.52	1476.	52.	13.
426	0000	-466	37.5463	81.7572	PPNR	1.0	1.4	5.7	1.33	0.24	5.55	1432.	54.	12.
427	0000	-465	37.5463	81.7567	PPNR	1.0	1.2	5.6	1.28 -	0.22	5.77	1392.	53.	11.
428	0000	-464	37.5463	81.7561	PPK	1.0	1.1	5.3	1.06	0.20	5.28	1396.	53.	11.
429	0000	-465	37.5463	81.7555	PPK	1.0	1.4	5.4	1.42	0.25	5.63	1425.	52.	10.
430	0000	-463	37.5463	81.7550	PPK	1.0	1.5	5.8	1.53	0.27	5.76	1482.	51.	9.
431	0000	-461	37.5463	81.7544	PPK	1.1	1.7	6.4	1.63	0.27	5.93	1570.	49.	8.
432	0000	-461	37.5464	81.7538	PPK	1.1	2.1	6.5	1.96 +	0.33	5.99	1671.	49.	7.
433	0000	-459	37.5464	81.7533	PPK	1.2	2.4 +	6.8	2.02 +	0.34	5.88	1759.	48.	8.
434	0000	-458	37.5464	81.7527	PPK	1.2	2.7 +	7.0	2.27 +	0.39 +	5.84	1842.	48.	9.
435	0000	-458	37.5464	81.7522	PPK	1.2	2.9 +	7.5	2.41 +	0.38 +	6.27 +	1866.	49.	8.
436	0000	-458	37.5465	81.7516	PPK	1.2	2.6 +	7.6 +	2.13 +	0.34	6.26 +	1852.	48.	9.
437	0000	-458	37.5465	81.7511	PPK	1.2	2.6 +	7.4	2.21 +	0.36 +	6.20	1797.	48.	9.
438	0000	-456	37.5465	81.7505	PPK	1.1	2.4 +	7.0	2.10 +	0.34	6.17	1712.	49.	10.
439	0000	-453	37.5465	81.7499	PPK	1.1	2.1	6.7	1.93 +	0.32	6.11	1622.	49.	11.
440	0000	-450	37.5465	81.7494	PPK	1.0	1.9	6.5	1.85	0.30	6.22 +	1547.	48.	11.
441	0000	-448	37.5465	81.7488	PPK	1.0	1.7	6.1	1.67	0.27	6.11	1486.	47.	11.
442	0000	-448	37.5465	81.7483	PPK	1.0	1.7	5.8	1.77	0.29	6.08	1477.	45.	12.
443	0000	-446	37.5466	81.7477	PPK	1.0	1.8	6.0	1.80	0.30	6.01	1505.	47.	12.
444	0000	-444	37.5466	81.7471	PPNR	1.0	1.8	6.1	1.71	0.29	5.91	1582.	45.	14.
445	0000	-443	37.5466	81.7466	PPNR	1.1	1.8	6.2	1.55	0.28	5.48	1698.	43.	16.
446	0000	-441	37.5466	81.7461	PPNR	1.3 +	1.8	6.5	1.46	0.28	5.16 -	1814.	42.	17.
447	0000	-441	37.5466	81.7455	PPNR	1.3 +	1.8	6.7	1.40	0.27	5.28 -	1844.	44.	18.
448	0000	-441	37.5467	81.7449	PPNR	1.3 +	1.7	6.7	1.33	0.26	5.19 -	1857.	43.	19.
449	0000	-439	37.5467	81.7444	PPNR	1.3 +	1.8	6.6	1.36	0.28	4.93 -	1863.	44.	19.
450	0000	-441	37.5467	81.7438	PPNR	1.4 +	1.6	6.3	1.15 -	0.25	4.62 -	1859.	42.	19.
451	0000	-440	37.5467	81.7432	PPNR	1.4 +	1.3	6.3	0.94 --	0.21	4.39 --	1825.	44.	18.
452	0000	-436	37.5467	81.7427	PPNR	1.3 +	1.4	6.2	1.08 -	0.23	4.65 -	1739.	47.	16.
453	0000	-435	37.5467	81.7421	PPNR	1.3 +	1.3	6.1	1.07 -	0.22	4.83 -	1657.	45.	14.
454	0000	-435	37.5467	81.7416	PPK	1.2	1.7	5.6	1.36	0.30	4.50 -	1643.	45.	12.
455	0000	-431	37.5468	81.7410	PPK	1.3	1.8	5.6	1.41	0.32	4.41 -	1666.	45.	10.
456	0000	-431	37.5468	81.7405	PPK	1.3	1.7	5.9	1.39	0.29	4.71	1667.	48.	8.
457	0000	-435	37.5468	81.7399	PPK	1.2	1.9	5.9	1.54	0.32	4.83	1667.	51.	7.
458	0000	-432	37.5468	81.7393	PPK	1.2	2.1	5.8	1.76	0.36 +	4.94	1652.	50.	7.
459	0000	-430	37.5469	81.7387	PPK	1.2	2.0	5.8	1.74	0.35	5.01	1629.	48.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-432	37.5469	81.7383		PPK	1.1	1.9	5.8	1.67	0.33	5.06	1599.	51.	8.
461	0000	-430	37.5469	81.7377		PPK	1.1	1.7	6.0	1.47	0.28	5.24	1589.	49.	10.
462	0000	-429	37.5469	81.7371		PPK	1.1	1.4	6.0	1.32	0.24	5.61	1553.	51.	11.
463	0000	-429	37.5470	81.7365		PPK	1.1	1.4	5.6	1.26	0.24	5.18	1557.	49.	13.
464	0000	-425	37.5470	81.7360		PPK	1.1	1.4	6.2	1.25	0.22	5.58	1595.	47.	14.
465	0000	-427	37.5470	81.7355		PPK	1.1	1.3	6.6	1.14	0.20	5.81	1651.	48.	16.
466	0000	-429	37.5470	81.7349		PPK	1.2	1.3	6.8	1.06	0.19 -	5.68	1717.	48.	16.
467	0000	-423	37.5470	81.7344		PPK	1.2	1.5	7.0	1.21	0.21	5.70	1781.	47.	17.
468	0000	-419	37.5470	81.7338		PPK	1.3	1.5	7.1	1.17	0.21	5.63	1833.	50.	18.
469	0000	-420	37.5470	81.7332		PPK	1.3	1.7	7.3	1.29	0.23	5.50	1908.	47.	19.
470	0000	-419	37.5471	81.7326		PPK	1.4	1.7	7.8 +	1.19	0.21	5.62	1970.	47.	21.
471	0000	-417	37.5471	81.7321		PPK	1.4 +	1.6	7.8 +	1.08	0.20	5.42	2018.	46.	22.
472	0000	-415	37.5471	81.7316		PPK	1.5 +	1.7	7.8 +	1.15	0.22	5.25	2092.	45.	23.
473	0000	-413	37.5471	81.7310		PPK	1.5 +	1.9	8.3 +	1.22	0.23	5.36	2183.	46.	23.
474	0000	-412	37.5472	81.7304		PPNR	1.6 ++	2.1	8.4 +	1.28 -	0.25	5.19 -	2271.	45.	24.
475	0000	-411	37.5472	81.7299		PPNR	1.8 ++	2.5 +	8.9 ++	1.43	0.28	5.06 -	2358.	41.	23.
476	0000	-407	37.5472	81.7293		PPNR	1.9 +++	2.4 +	9.1 ++	1.30 -	0.27	4.89 -	2413.	42.	24.
477	0000	-406	37.5472	81.7287		PPNR	1.8 ++	2.9 ++	9.2 ++	1.55	0.31	4.99 -	2477.	42.	22.
478	0000	-405	37.5472	81.7282		PPNR	1.8 ++	3.0 ++	9.1 ++	1.69	0.33	5.05 -	2467.	42.	21.
479	0000	-400	37.5472	81.7277		PPNR	1.8 ++	2.9 ++	9.2 ++	1.65	0.32	5.18 -	2413.	42.	20.
480	0000	-401	37.5472	81.7271		PPNR	1.7 ++	2.7 +	8.8 +	1.57	0.31	5.03 -	2325.	42.	20.
481	0000	-401	37.5472	81.7265		PPNR	1.7 ++	2.2	8.7 +	1.34	0.26	5.20 -	2204.	42.	19.
482	0000	-398	37.5473	81.7260		PPNR	1.5 +	2.0	8.2 +	1.36	0.25	5.46	2099.	44.	19.
483	0000	-399	37.5473	81.7254		PPNR	1.4 +	2.0	8.1 +	1.47	0.25	5.85	2024.	45.	18.
484	0000	-397	37.5473	81.7249		PPK	1.4	1.7	8.0 +	1.19	0.21	5.70	1932.	46.	18.
485	0000	-393	37.5473	81.7243		PPK	1.4	1.6	7.9 +	1.14	0.20	5.66	1898.	46.	17.
486	0000	-396	37.5474	81.7238		PPK	1.4	1.7	7.8 +	1.28	0.22	5.74	1875.	48.	16.
487	0000	-397	37.5474	81.7232		PPK	1.4	1.8	8.0 +	1.32	0.23	5.85	1890.	48.	16.
488	0000	-392	37.5474	81.7226		PPK	1.3	2.1	7.8 +	1.53	0.26	5.78	1912.	49.	16.
489	0000	-391	37.5474	81.7220		PPK	1.4	1.9	7.8 +	1.35	0.24	5.66	1920.	47.	17.
490	0000	-391	37.5474	81.7215		PPK	1.4	1.6	8.0 +	1.11	0.19	5.72	1898.	48.	17.
491	0000	-390	37.5474	81.7209		PPK	1.4	1.5	8.0 +	1.07	0.18 -	5.86	1891.	47.	19.
492	0000	-390	37.5474	81.7204		PPK	1.4	1.3	7.8 +	0.98 -	0.17 -	5.75	1897.	48.	21.
493	0000	-390	37.5475	81.7198		PPK	1.4	1.1 -	7.8 +	0.76 -	0.13 -	5.61	1906.	48.	23.
494	0000	-390	37.5475	81.7193		PPK	1.4	0.9 -	7.7 +	0.67 --	0.12 -	5.50	1907.	48.	24.
495	0000	-385	37.5475	81.7187		PPK	1.4	1.1	7.8 +	0.79 -	0.14 -	5.58	1913.	48.	24.
496	0000	-384	37.5475	81.7182		PPK	1.4	1.2	8.0 +	0.90 -	0.16 -	5.81	1905.	48.	24.
497	0000	-385	37.5476	81.7177		PPK	1.3	1.5	7.3	1.09	0.20	5.48	1885.	47.	25.
498	0000	-381	37.5476	81.7171		PPK	1.3	1.3	7.3	0.99 -	0.18 -	5.50	1844.	48.	24.
499	0000	-379	37.5476	81.7165		PPK	1.3	1.5	7.2	1.21	0.21	5.79	1776.	47.	22.
500	0000	-381	37.5476	81.7159		PPNR	1.1	1.6	6.9	1.41	0.23	6.06	1703.	46.	21.
501	0000	-380	37.5477	81.7154		PPNR	1.0	1.8	6.6	1.72	0.27	6.44	1603.	46.	19.
502	0000	-379	37.5477	81.7148		PPNR	0.9	1.6	5.8	1.70	0.27	6.25	1510.	47.	18.
503	0000	-379	37.5477	81.7142		PPK	0.9	1.5	5.3	1.75	0.28	6.19	1425.	50.	16.
504	0000	-377	37.5477	81.7137		PPK	0.8 -	1.5	5.3	1.87	0.28	6.68 +	1349.	50.	14.
505	0000	-374	37.5477	81.7132		PPK	0.7 -	1.7	4.8	2.30 +	0.35	6.66 +	1275.	51.	11.
506	0000	-373	37.5477	81.7126		PPK	0.7 -	1.6	4.5 -	2.20 +	0.36 +	6.17	1218.	50.	9.
507	0000	-375	37.5477	81.7120		PPK	0.7 -	1.7	4.3 -	2.27 +	0.39 +	5.88	1174.	50.	6.
508	0000	-376	37.5478	81.7115		PPK	0.7 -	1.6	4.4 -	2.19 +	0.37 +	5.99	1170.	51.	4.
509	0000	-373	37.5478	81.7109		PPK	0.8 -	1.6	4.7	2.00 +	0.33	5.99	1190.	52.	3.
510	0000	-372	37.5478	81.7103		PPK	0.8 -	1.8	5.0	2.12 +	0.35	6.03	1237.	52.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-373	37.5478	81.7098		PPK	0.9	2.0	5.1	2.28 +	0.39 +	5.83	1301.	51.	0.
512	0000	-372	37.5479	81.7092		PPK	0.9	2.0	5.5	2.10 +	0.36 +	5.80	1367.	51.	0.
513	0000	-370	37.5479	81.7087		PPK	1.0	2.1	5.6	2.07 +	0.37 +	5.58	1442.	52.	1.
514	0000	-368	37.5479	81.7081		PPK	1.1	2.1	5.9	2.04 +	0.36 +	5.62	1510.	52.	2.
515	0000	-367	37.5479	81.7076		PPK	1.1	2.3 +	6.0	2.15 +	0.39 +	5.52	1581.	51.	2.
516	0000	-364	37.5479	81.7070		PPK	1.2	2.4 +	6.4	2.09 +	0.38 +	5.50	1646.	50.	4.
517	0000	-364	37.5479	81.7065		PPK	1.2	2.4 +	6.3	2.03 +	0.38 +	5.31	1652.	47.	5.
518	0000	-366	37.5480	81.7059		PPK	1.2	2.2 +	6.3	1.86	0.35	5.31	1637.	48.	6.
519	0000	-364	37.5480	81.7054		PPK	1.1	2.2 +	6.2	1.96 +	0.36 +	5.46	1616.	48.	7.
520	0000	-363	37.5480	81.7048		PPK	1.1	2.3 +	6.2	2.08 +	0.37 +	5.70	1602.	49.	7.
521	0000	-362	37.5480	81.7042		PPK	1.0	2.4 +	5.8	2.40 +	0.42 +	5.73	1578.	48.	6.
522	0000	-360	37.5480	81.7036		PPK	1.0	2.1	5.6	2.09 +	0.38 +	5.50	1514.	49.	6.
523	0000	-360	37.5480	81.7031		PPK	0.9	2.2 +	5.2	2.39 +	0.42 +	5.62	1452.	49.	5.
524	0000	-360	37.5481	81.7026		PPK	0.9	2.2 +	5.0	2.58 +	0.44 ++	5.88	1423.	50.	4.
525	0000	-358	37.5481	81.7020		PPK	0.9	2.3 +	5.1	2.71 ++	0.45 ++	5.99	1432.	49.	3.
526	0000	-357	37.5481	81.7014		PPK	0.9	2.4 +	5.1	2.86 ++	0.47 ++	6.02	1430.	49.	3.
527	0000	-358	37.5482	81.7009		PPK	0.8 -	2.4 +	5.5	2.82 ++	0.43 ++	6.48 +	1414.	48.	2.
528	0000	-357	37.5482	81.7003		PPK	0.9	2.2 +	5.8	2.54 +	0.38 +	6.70 +	1407.	49.	3.
529	0000	-354	37.5482	81.6997		PPK	0.8 -	2.4 +	5.9	2.83 ++	0.41 +	6.97 +	1397.	49.	3.
530	0000	-353	37.5482	81.6992		PPK	0.8 -	2.2 +	5.7	2.71 ++	0.39 +	6.98 +	1377.	51.	5.
531	0000	-354	37.5482	81.6987		PPK	0.9	2.0	6.0	2.28 +	0.33	7.00 +	1379.	49.	7.
532	0000	-353	37.5482	81.6981		PPK	0.8 -	1.8	6.0	2.18 +	0.31	7.12 +	1351.	49.	8.
533	0000	-350	37.5482	81.6975		PPK	0.9	1.8	5.7	2.06 +	0.31	6.62 +	1348.	49.	9.
534	0000	-347	37.5482	81.6970		PPNR	0.9	1.7	5.6	1.80	0.30	6.06	1377.	50.	10.
535	0000	-346	37.5483	81.6964		PPNR	1.0	1.5	5.7	1.56	0.27	5.86	1395.	51.	11.
536	0000	-348	37.5483	81.6958		PPNR	1.0	1.6	5.6	1.64	0.28	5.81	1419.	51.	11.
537	0000	-349	37.5483	81.6953		PPNR	1.0	1.5	6.1	1.44	0.24	5.94	1436.	48.	10.
538	0000	-348	37.5483	81.6948		PPNR	1.0	1.4	5.9	1.42	0.24	6.04	1433.	53.	10.
539	0000	-348	37.5484	81.6942		PPNR	1.0	1.5	6.0	1.52	0.25	6.12	1447.	56.	9.
540	0000	-348	37.5484	81.6936		PPK	1.0	1.5	6.5	1.56	0.23	6.81 +	1443.	54.	8.
541	0000	-345	37.5484	81.6931		PPK	0.9	1.5	6.5	1.64	0.23	7.18 ++	1410.	53.	7.
542	0000	-346	37.5484	81.6925		PPK	0.9	1.4	6.1	1.57	0.24	6.68 +	1385.	53.	7.
543	0000	-348	37.5484	81.6920		PPK	0.9	1.1	6.2	1.22	0.19 -	6.56 +	1360.	54.	7.
544	0000	-347	37.5484	81.6914		PPK	0.9	1.3	6.1	1.40	0.21	6.51 +	1340.	55.	7.
545	0000	-347	37.5484	81.6909		PPK	1.0	1.5	5.7	1.60	0.27	5.99	1320.	54.	7.
546	0000	-346	37.5485	81.6903		PPK	0.9	1.4	6.0	1.54	0.24	6.50 +	1306.	52.	8.
547	0000	-344	37.5485	81.6897		PPK	0.9	1.7	5.6	1.82	0.30	6.04	1328.	51.	7.
548	0000	-341	37.5485	81.6891		PPK	0.9	1.8	5.4	1.88	0.33	5.73	1311.	50.	6.
549	0000	-340	37.5485	81.6887		PPK	0.9	2.1	5.7	2.43 +	0.37 +	6.57 +	1325.	49.	5.
550	0000	-340	37.5486	81.6880		PPK	0.8	2.4 +	5.8	2.83 ++	0.41 +	6.89 +	1342.	49.	4.
551	0000	-342	37.5486	81.6875		PPK	0.9	2.3 +	6.0	2.66 +	0.38 +	6.95 +	1363.	49.	3.
552	0000	-344	37.5486	81.6870		PPK	0.9	2.2	6.9	2.44 +	0.31	7.81 ++	1408.	48.	2.
553	0000	-343	37.5486	81.6864		PPK	0.9	2.5 +	6.8	2.83 ++	0.37 +	7.55 ++	1444.	48.	1.
554	0000	-344	37.5486	81.6858		PPK	0.9	2.3 +	6.5	2.54 +	0.35 +	7.15 +	1427.	53.	2.
555	0000	-343	37.5486	81.6853		PPK	0.9	2.2 +	7.0	2.34 +	0.31	7.42 ++	1450.	53.	2.
556	0000	-342	37.5486	81.6848		PPK	1.0	2.1	6.8	2.09 +	0.30	6.88 +	1455.	55.	2.
557	0000	-342	37.5486	81.6842		PPK	1.0	1.8	6.7	1.75	0.27	6.49 +	1456.	55.	3.
558	0000	-340	37.5487	81.6836		PPK	1.1	1.7	6.7	1.63	0.26	6.34 +	1456.	56.	4.
559	0000	-341	37.5487	81.6830		PPK	1.1	1.9	6.2	1.84	0.31	5.89	1444.	55.	5.
560	0000	-343	37.5487	81.6825		PPK	1.1	1.6	6.1	1.47	0.26	5.67	1441.	53.	6.
561	0000	-339	37.5487	81.6819		PPK	1.1	1.5	6.7	1.36	0.23	5.94	1477.	52.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-337	37.5488	81.6814	PPK	1.1	1.8	6.6	1.61	0.28	5.76	1535.	52.	6.
563	0000	-337	37.5488	81.6808	PPK	1.2	2.0	6.8	1.68	0.30	5.64	1614.	51.	7.
564	0000	-335	37.5488	81.6803	PPK	1.3	2.2 +	7.3	1.74	0.30	5.70	1713.	51.	7.
565	0000	-334	37.5488	81.6797	PPNR	1.4 +	2.5 +	7.7 +	1.79	0.32	5.65	1828.	50.	7.
566	0000	-332	37.5488	81.6791	PPNR	1.6 ++	2.5 +	8.2 +	1.59	0.30	5.26 -	1936.	50.	8.
567	0000	-331	37.5489	81.6786	PPNR	1.6 ++	2.9 ++	8.9 ++	1.78	0.33	5.43	2176.	52.	9.
568	0000	-329	37.5489	81.6781	PPNR	1.7 ++	3.2 ++	9.2 ++	1.83	0.35	5.29 -	2314.	51.	9.
569	0000	-329	37.5489	81.6774	PPNR	1.8 ++	3.0 ++	9.5 ++	1.69	0.32	5.30 -	2397.	52.	9.
570	0000	-331	37.5489	81.6769	PPNR	1.8 ++	2.9 ++	10.1 ++	1.64	0.29	5.64	2392.	51.	9.
571	0000	-330	37.5489	81.6764	PPNR	1.8 ++	2.8 +	9.7 ++	1.59	0.29	5.52	2358.	49.	8.
572	0000	-331	37.5489	81.6758	PPNR	1.7 ++	2.8 ++	9.6 ++	1.71	0.30	5.79	2320.	47.	7.
573	0000	-333	37.5490	81.6752	PPNR	1.5 +	2.9 ++	9.3 ++	1.95	0.32	6.16	2214.	47.	5.
574	0000	-330	37.5490	81.6747	PPNR	1.5 +	2.9 ++	8.7 +	1.90	0.33	5.70	2126.	47.	4.
575	0000	-330	37.5490	81.6742	PPNR	1.5 +	3.0 ++	8.4 +	2.03	0.36	5.60	2128.	45.	4.
576	0000	-332	37.5490	81.6736	PPNR	1.5 +	3.1 ++	9.1 ++	2.09	0.35	6.05	2154.	46.	4.
577	0000	-331	37.5490	81.6730	PPNR	1.5 +	3.4 +++	9.1 ++	2.30	0.38 +	6.09	2199.	47.	4.
578	0000	-331	37.5490	81.6725	PPNR	1.5 +	3.8 +++	8.8 ++	2.58 +	0.43 +	5.99	2216.	49.	4.
579	0000	-333	37.5490	81.6719	PPNR	1.6 ++	3.9 +++	8.7 +	2.46	0.44 +	5.53	2220.	49.	5.
580	0000	-331	37.5490	81.6713	PPNR	1.6 ++	3.8 +++	8.3 +	2.39	0.46 +	5.23 -	2178.	51.	6.
581	0000	-331	37.5491	81.6707	PPNR	1.5 +	3.5 +++	8.0 +	2.40	0.44 +	5.48	2072.	51.	6.
582	0000	-336	37.5491	81.6702	PPNR	1.3 +	3.2 ++	7.6 +	2.35	0.42 +	5.64	1888.	51.	6.
583	0000	-338	37.5491	81.6697	PPK	1.2	2.8 +	6.2	2.28 +	0.46 ++	5.01	1707.	49.	7.
584	0000	-339	37.5492	81.6691	PPK	1.2	2.2 +	5.4	1.92	0.41 +	4.63 -	1552.	49.	9.
585	0000	-341	37.5492	81.6685	PPK	1.1	1.8	5.5	1.70	0.33	5.20	1432.	49.	9.
586	0000	-343	37.5492	81.6680	PPK	0.9	1.7	5.1	1.85	0.34	5.46	1340.	50.	8.
587	0000	-341	37.5492	81.6674	PPK	0.9	1.6	5.5	1.68	0.29	5.85	1330.	48.	8.
588	0000	-341	37.5492	81.6669	PPK	1.0	1.6	5.6	1.63	0.29	5.70	1366.	47.	8.
589	0000	-344	37.5493	81.6664	PPK	1.0	1.8	5.9	1.78	0.31	5.82	1448.	47.	8.
590	0000	-344	37.5493	81.6657	PPK	1.1	2.1	6.3	1.94 +	0.33	5.95	1547.	48.	7.
591	0000	-344	37.5493	81.6652	PPK	1.2	2.4 +	6.4	2.01 +	0.37 +	5.46	1668.	48.	7.
592	0000	-346	37.5493	81.6646	PPNR	1.3 +	2.6 +	7.1	1.93	0.36	5.35 -	1808.	47.	7.
593	0000	-344	37.5493	81.6641	PPNR	1.5 +	2.6 +	7.4 +	1.75	0.35	4.99 -	1943.	47.	9.
594	0000	-341	37.5493	81.6635	PPNR	1.5 +	2.6 +	7.8 +	1.77	0.34	5.22 -	2019.	48.	10.
595	0000	-342	37.5493	81.6630	PPNR	1.5 +	2.7 +	7.7 +	1.86	0.35	5.30 -	2053.	47.	11.
596	0000	-342	37.5494	81.6624	PPNR	1.5 +	2.5 +	8.1 +	1.71	0.31	5.45	2054.	47.	13.
597	0000	-343	37.5494	81.6619	PPNR	1.4 +	2.6 +	7.8 +	1.79	0.33	5.47	2069.	46.	15.
598	0000	-345	37.5494	81.6613	PPNR	1.4 +	2.9 ++	7.8 +	2.02	0.36	5.56	2114.	44.	16.
599	0000	-344	37.5494	81.6607	PPNR	1.4 +	2.9 ++	7.4 +	2.17	0.40 +	5.47	2102.	45.	18.
600	0000	-345	37.5495	81.6601	PPNR	1.2 +	2.8 +	7.4	2.21	0.37 +	5.90	2046.	43.	19.
601	0000	-348	37.5495	81.6596	PPNR	1.2	2.7 +	6.8	2.20	0.39 +	5.59	1987.	43.	20.
602	0000	-350	37.5495	81.6591	PPNR	1.2	2.5 +	6.5	2.11	0.39 +	5.43	1942.	46.	20.
603	0000	-354	37.5495	81.6585	PPNR	1.1	2.4 +	6.4	2.15	0.38 +	5.65	1885.	48.	21.
604	0000	-357	37.5495	81.6580	PPNR	1.1	2.2	6.3	2.00	0.35	5.66	1796.	49.	21.
605	0000	-358	37.5495	81.6574	PPNR	1.0	1.6	6.5	1.51	0.24	6.30	1675.	50.	20.
606	0000	-360	37.5495	81.6568	PPNR	1.0	1.4	6.3	1.44	0.23	6.28	1610.	50.	19.
607	0000	-361	37.5496	81.6562	PPNR	1.0	1.4	6.1	1.33	0.23	5.87	1593.	51.	19.
608	0000	-361	37.5496	81.6557	PPNR	1.0	1.4	6.6	1.33	0.21 -	6.41	1622.	50.	18.
609	0000	-365	37.5496	81.6551	PPNR	1.0	1.6	7.1	1.50	0.22	6.91	1657.	49.	17.
610	0000	-369	37.5496	81.6546	PPNR	1.1	1.5	6.9	1.33	0.22	6.16	1676.	48.	15.
611	0000	-369	37.5497	81.6540	PPNR	1.1	1.5	6.9	1.31 -	0.21	6.16	1661.	50.	14.
612	0000	-370	37.5497	81.6535	PPNR	1.1	1.5	6.6	1.34	0.23	5.84	1638.	49.	12.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 296

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-373	37.5497	81.6529	PPNR	1.1	1.5	6.4	1.34	0.23	5.77	1604.	49.	12.
614	0000	-372	37.5497	81.6524	PPNR	1.0	1.5	6.4	1.45	0.23	6.22	1540.	50.	10.
615	0000	-372	37.5497	81.6519	PPNR	1.0	1.6	5.8	1.59	0.27	5.81	1456.	53.	10.
616	0000	-378	37.5497	81.6513	PPNR	0.9	1.4	4.9	1.51	0.29	5.20 -	1369.	52.	11.
617	0000	-381	37.5497	81.6507	PPNR	0.9	1.5	4.6	1.68	0.31	5.34 -	1323.	52.	12.
618	0000	-382	37.5497	81.6501	PPNR	0.8	1.5	4.2 -	1.85	0.36	5.08 -	1318.	51.	13.
619	0000	-386	37.5498	81.6496	PPNR	0.8	1.7	4.4 -	2.12	0.39 +	5.42	1351.	53.	13.
620	0000	-385	37.5498	81.6490	PPNR	0.9	1.7	4.6	1.98	0.37	5.38 -	1397.	53.	14.
621	0000	-387	37.5498	81.6485	PPNR	0.9	1.9	4.8	2.22	0.39 +	5.66	1450.	52.	14.
622	0000	-392	37.5499	81.6479	PPNR	0.9	1.9	5.2	2.13	0.37	5.80	1408.	51.	13.
623	0000	-392	37.5499	81.6474	PPNR	0.9	2.1	5.7	2.27	0.36	6.33	1534.	51.	12.
624	0000	-391	37.5499	81.6468	PPNR	1.0	2.0	6.1	2.15	0.33	6.43	1565.	51.	10.
625	0000	-394	37.5499	81.6462	PPNR	1.0	2.1	6.4	2.06	0.33	6.32	1581.	51.	9.
626	0000	-393	37.5499	81.6457	PPNR	1.0	2.1	6.3	2.00	0.33	6.04	1581.	49.	8.
627	0000	-394	37.5499	81.6452	PPNR	1.0	2.2	6.5	2.09	0.34	6.21	1566.	50.	6.
628	0000	-400	37.5500	81.6445	PPNR	1.1	2.4 +	6.2	2.23	0.38 +	5.85	1559.	49.	6.
629	0000	-405	37.5500	81.6440	PPNR	1.1	2.4 +	6.4	2.15	0.37	5.81	1594.	48.	5.
630	0000	-409	37.5500	81.6435	PPNR	1.1	2.5 +	6.6	2.22	0.39 +	5.76	1638.	48.	6.
631	0000	-410	37.5500	81.6429	PPNR	1.2	2.9 ++	7.0	2.52	0.42 +	5.98	1714.	47.	6.
632	0000	-410	37.5500	81.6423	PPNR	1.2	3.3 ++	6.8	2.79 +	0.48 +	5.81	1770.	47.	7.
633	0000	-412	37.5500	81.6418	PPNR	1.1	3.3 ++	6.9	2.96 +	0.49 +	6.09	1775.	49.	8.
634	0000	-414	37.5501	81.6413	PPNR	1.1	3.5 +++	6.9	3.25 +	0.51 ++	6.35	1803.	47.	10.
635	0000	-415	37.5501	81.6407	PPNR	1.1	3.3 ++	6.9	3.16 +	0.49 +	6.50	1792.	48.	11.
636	0000	-420	37.5501	81.6401	PPNR	1.0	3.3 ++	6.5	3.39 +	0.51 ++	6.64	1757.	48.	12.
637	0000	-428	37.5501	81.6396	PPNR	0.9	3.1 ++	6.3	3.32 +	0.48 +	6.86	1685.	48.	12.
638	0000	-429	37.5501	81.6390	PPNR	0.8	2.8 +	5.9	3.32 +	0.47 +	7.07	1592.	49.	12.
639	0000	-428	37.5500	81.6384	PPNR	0.8	2.4 +	6.2	3.09 +	0.39 +	8.01 +	1511.	49.	12.
640	0000	-429	37.5500	81.6378	PPNR	0.7	2.3 +	5.6	3.12 +	0.41 +	7.56	1460.	48.	12.
641	0000	-431	37.5500	81.6373	PPNR	0.8	2.0	5.6	2.55	0.35	7.23	1406.	46.	11.
642	0000	-435	37.5499	81.6367	PPNR	0.7	2.0	5.5	2.78 +	0.36	7.66	1366.	49.	11.
643	0000	-437	37.5499	81.6362	PPNR	0.7	1.7	5.2	2.40	0.34	7.13	1351.	50.	12.
644	0000	-437	37.5499	81.6356	PPNR	0.8	1.5	5.0	1.94	0.31	6.34	1352.	50.	13.
645	0000	-442	37.5499	81.6351	PPNR	0.8	1.4	5.0	1.74	0.28	6.16	1352.	52.	15.
646	0000	-448	37.5498	81.6344	PPNR	0.8	1.4	4.8	1.77	0.30	5.93	1363.	52.	15.
647	0000	-452	37.5498	81.6339	PPNR	0.8	1.3	5.5	1.61	0.24	6.73	1382.	53.	16.
648	0000	-456	37.5498	81.6334	PPNR	0.8	1.5	5.2	1.84	0.29	6.25	1404.	55.	17.
649	0000	-462	37.5497	81.6328	PPNR	0.9	1.4	5.8	1.49	0.25	6.06	1461.	51.	18.
650	0000	-466	37.5497	81.6322	PPNR	1.0	1.5	6.4	1.50	0.23	6.55	1499.	53.	18.
651	0000	-469	37.5497	81.6317	PPNR	1.0	1.4	6.6	1.36	0.21 -	6.43	1543.	53.	18.
652	0000	-470	37.5496	81.6310	PPNR	1.1	1.6	7.2	1.54	0.23	6.74	1620.	50.	16.
653	0000	-469	37.5496	81.6306	PPNR	1.1	1.9	7.8 +	1.70	0.25	6.89	1686.	48.	14.
654	0000	-474	37.5496	81.6300	PPNR	1.2	2.2	8.2 +	1.86	0.27	6.83	1748.	48.	13.
655	0000	-478	37.5496	81.6294	PPNR	1.2	2.2	8.5 +	1.80	0.26	7.00	1783.	46.	10.
656	0000	-475	37.5495	81.6288	PPNR	1.2	2.2	8.1 +	1.85	0.28	6.70	1770.	49.	8.
657	0000	-472	37.5495	81.6283	PPNR	1.2	2.4 +	7.9 +	2.01	0.30	6.64	1739.	45.	6.
658	0000	-470	37.5495	81.6278	PPNR	1.1	2.7 +	8.1 +	2.38	0.33	7.28	1700.	45.	4.
659	0000	-469	37.5494	81.6272	PPNR	1.1	2.6 +	7.7 +	2.39	0.34	7.08	1626.	47.	2.
660	0000	-473	37.5494	81.6266	PPNR	1.0	2.5 +	7.4 +	2.36	0.33	7.09	1578.	47.	3.
661	0000	-481	37.5493	81.6260	PPNR	1.0	2.3 +	6.7	2.29	0.35	6.61	1528.	46.	3.
662	0000	-490	37.5493	81.6254	PPNR	1.0	2.4 +	6.6	2.34	0.36	6.52	1479.	50.	4.
663	0000	-494	37.5493	81.6249	PPNR	1.0	2.2	6.7	2.25	0.33	6.91	1476.	49.	6.

CP 9 LP 12

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES					*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-495	37.5492	81.6243	PPNR	1.0	2.2	6.3	2.18	0.34	6.42	1485.	52.	8.
665	0000	-500	37.5492	81.6238	PPNR	1.0	2.4 +	6.2	2.39	0.39 +	6.14	1538.	51.	10.
666	0000	-502	37.5492	81.6232	PPNR	1.0	2.4 +	6.2	2.40	0.39 +	6.15	1582.	52.	12.
667	0000	-504	37.5491	81.6226	PPNR	1.0	2.5 +	6.8	2.45	0.37 +	6.56	1647.	53.	12.
668	0000	-509	37.5491	81.6220	PPNR	1.0	2.7 +	7.2	2.61 +	0.37	7.03	1711.	54.	13.
669	0000	-513	37.5491	81.6216	PPNR	1.0	2.7 +	7.8 +	2.57 +	0.34	7.51	1765.	52.	13.
670	0000	-512	37.5491	81.6209	PPNR	1.0	3.0 ++	7.9 +	2.89 +	0.38 +	7.63	1790.	52.	12.
671	0000	-514	37.5490	81.6204	PPNR	1.0	3.2 ++	7.8 +	3.15 +	0.41 +	7.74	1795.	49.	11.
672	0000	-521	37.5490	81.6198	PPNR	1.0	3.1 ++	7.5 +	3.06 +	0.41 +	7.48	1762.	49.	11.
673	0000	-524	37.5490	81.6193	PPNR	1.0	3.0 ++	7.2	2.94 +	0.41 +	7.09	1746.	45.	10.
674	0000	-524	37.5489	81.6187	PPNR	1.0	2.7 +	6.6	2.65 +	0.41 +	6.40	1703.	44.	10.
675	0000	-528	37.5489	81.6182	PPNR	1.0	2.8 ++	6.4	2.76 +	0.45 +	6.17	1705.	42.	10.
676	0000	-531	37.5489	81.6176	PPNR	1.0	3.0 ++	5.9	2.91 +	0.51 ++	5.75	1745.	42.	11.
677	0000	-531	37.5488	81.6170	PPNR	1.1	2.8 +	6.2	2.63 +	0.45 +	5.83	1766.	42.	12.
678	0000	-534	37.5488	81.6164	PPNR	1.0	2.9 ++	6.4	2.75 +	0.45 +	6.15	1784.	43.	13.
679	0000	-539	37.5488	81.6159	PPNR	1.0	2.8 ++	6.6	2.74 +	0.43 +	6.37	1804.	43.	13.
680	0000	-539	37.5488	81.6153	PPNR	1.0	2.7 +	7.1	2.59 +	0.38 +	6.83	1812.	44.	15.
681	0000	-541	37.5487	81.6148	PPNR	1.0	2.7 +	6.9	2.74 +	0.39 +	6.96	1802.	44.	15.
682	0000	-545	37.5487	81.6142	PPNR	1.0	2.6 +	6.9	2.64 +	0.38 +	6.93	1738.	45.	15.
683	0000	-546	37.5487	81.6136	PPNR	0.9	2.3 +	6.9	2.54	0.34	7.47	1637.	46.	15.
684	0000	-545	37.5486	81.6130	PPNR	0.9	2.3	6.1	2.49	0.37	6.78	1561.	47.	14.
685	0000	-548	37.5486	81.6125	PPNR	0.9	1.8	6.5	2.06	0.28	7.29	1519.	46.	14.
686	0000	-549	37.5486	81.6119	PPNR	0.8	1.7	6.5	2.02	0.27	7.62	1464.	47.	14.
687	0000	-548	37.5485	81.6114	PPNR	0.8	1.8	6.1	2.26	0.30	7.60	1407.	49.	14.
688	0000	-544	37.5485	81.6108	PPNR	0.8	1.7	6.3	2.17	0.27	7.96 +	1370.	51.	14.
689	0000	-547	37.5485	81.6102	PPNR	0.7	1.5	6.2	2.05	0.25	8.29 +	1374.	50.	14.
690	0000	-554	37.5485	81.6097	PPNR	0.8	1.6	6.5	2.00	0.25	8.09 +	1421.	49.	14.
691	0000	-555	37.5484	81.6091	PPNR	0.8	1.8	7.0	2.33	0.25	9.36 +	1454.	50.	13.
692	0000	-561	37.5484	81.6086	PPNR	0.8	2.1	6.9	2.76 +	0.30	9.10 +	1460.	50.	12.
693	0000	-567	37.5484	81.6080	PPNR	0.8	1.8	7.1	2.14	0.25	8.54 +	1478.	49.	12.
694	0000	-564	37.5483	81.6074	PPNR	0.8	1.8	7.1	2.28	0.26	8.76 +	1484.	50.	11.
695	0000	-566	37.5483	81.6069	PPNR	0.8	1.9	6.8	2.56	0.29	8.95 +	1464.	50.	10.
696	0000	-569	37.5482	81.6063	PPNR	0.8	1.7	6.7	2.12	0.26	8.13 +	1440.	51.	9.
697	0000	-567	37.5482	81.6057	PPNR	0.8	1.7	6.3	2.07	0.27	7.70	1422.	52.	9.
698	0000	-570	37.5482	81.6052	PPNR	0.9	1.7	6.0	1.90	0.28	6.78	1459.	49.	10.
699	0000	-575	37.5482	81.6046	PPNR	0.9	1.4	6.1	1.52	0.23	6.67	1483.	51.	11.
700	0000	-576	37.5482	81.6040	PPNR	0.9	1.6	6.1	1.79	0.26	6.91	1502.	50.	11.
701	0000	-579	37.5481	81.6035	PPNR	0.9	1.7	6.5	1.82	0.26	6.91	1552.	51.	10.
702	0000	-582	37.5480	81.6029	PPNR	1.0	1.5	6.7	1.42	0.22	6.50	1610.	50.	12.
703	0000	-585	37.5480	81.6024	PPNR	1.0	1.6	6.9	1.55	0.24	6.58	1651.	48.	12.
704	0000	-592	37.5480	81.6018	PPNR	1.1	1.5	7.3	1.41	0.21 -	6.85	1673.	47.	13.
705	0000	-594	37.5480	81.6013	PPNR	1.0	1.5	7.4 +	1.47	0.20 -	7.19	1643.	48.	14.
706	0000	-593	37.5479	81.6007	PPNR	1.1	1.6	7.3	1.51	0.22	6.84	1643.	47.	14.
707	0000	-593	37.5479	81.6001	PPNR	1.1	1.6	7.0	1.46	0.23	6.44	1634.	51.	15.
708	0000	-593	37.5479	81.5995	PPNR	1.1	1.3	6.9	1.23 -	0.19 -	6.38	1626.	49.	16.
709	0000	-595	37.5478	81.5989	PPNR	1.1	1.4	6.9	1.27 -	0.20 -	6.38	1619.	50.	15.
710	0000	-598	37.5478	81.5984	PPNR	1.0	1.3	6.8	1.26 -	0.19 -	6.57	1579.	51.	14.
711	0000	-600	37.5478	81.5979	PPNR	1.0	1.4	6.6	1.41	0.22	6.54	1539.	53.	13.
712	0000	-601	37.5477	81.5973	PPNR	1.0	1.4	6.6	1.39	0.21 -	6.69	1511.	54.	11.
713	0000	-602	37.5477	81.5967	PPNR	1.0	1.5	6.3	1.53	0.23	6.62	1478.	54.	9.
714	0000	-604	37.5477	81.5961	PPNR	0.9	1.6	6.4	1.71	0.25	6.92	1482.	53.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-607	37.5476	81.5956	PPNR	1.0	1.8	6.2	1.87	0.29	6.44	1491.	52.	5.
716	0000	-609	37.5476	81.5950	PPNR	1.0	1.9	6.5	1.93	0.30	6.51	1510.	52.	3.
717	0000	-609	37.5475	81.5945	PPNR	1.0	2.0	6.9	1.88	0.28	6.65	1551.	49.	2.
718	0000	-613	37.5475	81.5939	PPNR	1.0	2.3 +	6.9	2.23	0.33	6.71	1590.	46.	1.
719	0000	-616	37.5475	81.5933	PPNR	1.1	2.3 +	7.1	2.05	0.32	6.34	1651.	44.	1.
720	0000	-617	37.5475	81.5927	PPNR	1.2	2.4 +	7.5 +	2.06	0.32	6.37	1729.	44.	1.
721	0000	-620	37.5475	81.5923	PPNR	1.3 +	2.3	7.8 +	1.77	0.29	6.12	1774.	43.	2.
722	0000	-625	37.5474	81.5917	PPNR	1.3 +	2.1	7.8 +	1.62	0.26	6.13	1760.	45.	4.
723	0000	-624	37.5474	81.5910	PPNR	1.2	1.9	7.5 +	1.58	0.25	6.31	1706.	47.	5.
724	0000	-622	37.5473	81.5905	PPNR	1.1	1.8	7.0	1.55	0.26	6.08	1674.	50.	7.
725	0000	-626	37.5473	81.5899	PPNR	1.2	1.5	6.7	1.32 -	0.23	5.82	1648.	51.	9.
726	0000	-631	37.5473	81.5894	PPNR	1.1	1.5	6.6	1.38	0.23	5.95	1601.	50.	10.
727	0000	-631	37.5472	81.5888	PPNR	1.1	1.4	6.6	1.28 -	0.21 -	6.22	1548.	51.	11.
728	0000	-632	37.5472	81.5883	PPNR	1.0	1.4	6.1	1.45	0.23	6.29	1485.	52.	12.
729	0000	-637	37.5472	81.5877	PPNR	0.9	1.4	5.9	1.54	0.24	6.34	1447.	51.	12.
730	0000	-633	37.5471	81.5871	PPNR	1.0	1.4	6.0	1.50	0.24	6.31	1450.	50.	12.
731	0000	-631	37.5471	81.5865	PPNR	1.0	1.6	6.3	1.70	0.26	6.57	1463.	50.	11.
732	0000	-641	37.5471	81.5860	PPNR	1.0	1.6	6.3	1.61	0.25	6.35	1467.	50.	11.
733	0000	-643	37.5471	81.5854	PPNR	1.0	1.7	6.6	1.70	0.25	6.73	1463.	50.	11.
734	0000	-638	37.5470	81.5849	PPNR	1.0	1.6	6.2	1.70	0.27	6.39	1442.	51.	10.
735	0000	-643	37.5470	81.5843	PPNR	1.0	1.6	6.4	1.68	0.25	6.63	1423.	52.	9.
736	0000	-645	37.5470	81.5837	PPNR	0.9	1.7	6.3	1.76	0.27	6.62	1415.	53.	9.
737	0000	-640	37.5469	81.5832	PPNR	0.9	1.8	6.1	1.90	0.29	6.50	1402.	50.	9.
738	0000	-642	37.5469	81.5826	PPNR	0.9	1.5	5.9	1.60	0.26	6.25	1369.	49.	9.
739	0000	-646	37.5469	81.5820	PPNR	0.9	1.5	5.9	1.66	0.25	6.69	1342.	49.	9.
740	0000	-649	37.5468	81.5815	PPNR	0.9	1.2	5.8	1.36	0.21	6.35	1335.	49.	10.
741	0000	-651	37.5468	81.5809	PPNR	0.9	1.3	5.8	1.45	0.23	6.37	1356.	48.	9.
742	0000	-649	37.5468	81.5804	PPNR	0.9	1.4	5.9	1.44	0.23	6.21	1412.	47.	10.
743	0000	-649	37.5468	81.5798	PPNR	1.0	1.1 -	6.4	1.12 -	0.17 -	6.59	1479.	46.	9.
744	0000	-654	37.5467	81.5792	PPNR	1.0	1.5	7.0	1.43	0.21	6.74	1570.	46.	9.
745	0000	-657	37.5467	81.5787	PPNR	1.0	1.9	7.4 +	1.84	0.25	7.26	1676.	48.	7.
746	0000	-655	37.5467	81.5781	PPNR	1.0	2.3 +	7.7 +	2.31	0.30	7.69	1743.	49.	6.
747	0000	-655	37.5466	81.5775	PPNR	1.0	2.7 +	7.7 +	2.55	0.34	7.43	1808.	51.	4.
748	0000	-659	37.5466	81.5770	PPNR	1.1	2.8 ++	8.2 +	2.59 +	0.35	7.48	1874.	51.	3.
749	0000	-663	37.5466	81.5764	PPNR	1.1	3.1 ++	8.6 +	2.84 +	0.36	7.89	1915.	52.	2.
750	0000	-661	37.5465	81.5759	PPNR	1.1	3.4 +++	8.5 +	3.05 +	0.40 +	7.59	1939.	53.	1.
751	0000	-664	37.5465	81.5753	PPNR	1.1	3.5 +++	7.8 +	3.22 +	0.45 +	7.13	1934.	52.	2.
752	0000	-668	37.5464	81.5747	PPNR	1.1	3.2 ++	7.7 +	2.90 +	0.42 +	6.98	1870.	50.	2.
753	0000	-666	37.5465	81.5742	PPNR	1.2	3.1 ++	7.5 +	2.68 +	0.41 +	6.55	1854.	49.	3.
754	0000	-665	37.5464	81.5736	PPNR	1.1	3.0 ++	7.4 +	2.80 +	0.41 +	6.85	1824.	49.	5.
755	0000	-667	37.5464	81.5730	PPNR	1.0	2.8 ++	6.9	2.84 +	0.41 +	6.90	1757.	46.	7.
756	0000	-670	37.5464	81.5725	PPNR	1.0	2.6 +	6.8	2.60 +	0.39 +	6.73	1733.	45.	9.
757	0000	-673	37.5463	81.5719	PPNR	1.0	2.5 +	6.9	2.57 +	0.35	7.26	1720.	45.	11.
758	0000	-674	37.5463	81.5714	PPNR	1.0	2.1	7.5 +	2.12	0.27	7.74	1750.	46.	13.
759	0000	-675	37.5462	81.5708	PPNR	1.1	2.2	7.5 +	2.00	0.29	6.96	1802.	46.	14.
760	0000	-674	37.5462	81.5702	PPNR	1.1	2.1	7.8 +	1.83	0.26	6.95	1852.	46.	16.
761	0000	-674	37.5462	81.5696	PPNR	1.2	1.9	8.0 +	1.59	0.24	6.64	1902.	44.	16.
762	0000	-676	37.5461	81.5691	PPNR	1.3 +	1.7	8.4 +	1.28 -	0.20 -	6.34	1966.	46.	16.
763	0000	-678	37.5461	81.5685	PPNR	1.4 +	1.5	8.6 +	1.06 -	0.17 -	6.17	2015.	46.	17.
764	0000	-677	37.5461	81.5680	PPNR	1.5 +	1.6	8.5 +	1.08 -	0.19 -	5.71	2052.	46.	16.
765	0000	-678	37.5460	81.5674	PPNR	1.5 +	1.5	8.6 +	1.02 -	0.18 -	5.70	2042.	48.	16.

CP9 1P12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-680	37.5460	81.5668	PPNR	1.5 +	1.8	8.4 +	1.20 -	0.21	5.66	2058.	47.	14.
767	0000	-679	37.5460	81.5662	PPNR	1.5 +	1.6	8.5 +	1.06 -	0.19 -	5.67	2048.	49.	13.
768	0000	-679	37.5460	81.5658	PPNR	1.5 +	1.7	8.6 +	1.12 -	0.19 -	5.76	2043.	52.	13.
769	0000	-684	37.5459	81.5652	PPNR	1.5 +	2.0	8.7 +	1.34	0.23	5.79	2067.	50.	12.
770	0000	-689	37.5459	81.5646	PPNR	1.5 +	2.1	9.0 ++	1.41	0.23	6.11	2069.	50.	11.
771	0000	-688	37.5459	81.5640	PPNR	1.4 +	2.2	8.6 +	1.49	0.25	5.99	2049.	50.	10.
772	0000	-689	37.5458	81.5634	PPNR	1.5 +	2.0	8.2 +	1.36	0.25	5.47	2021.	48.	10.
773	0000	-688	37.5458	81.5629	PPNR	1.5 +	2.1	8.1 +	1.41	0.26	5.52	1981.	51.	9.
774	0000	-683	37.5457	81.5624	PPNR	1.4 +	2.1	7.6 +	1.53	0.28	5.42	1923.	50.	7.
775	0000	-685	37.5457	81.5618	PPNR	1.3 +	2.2	7.4 +	1.66	0.30	5.48	1859.	47.	6.
776	0000	-688	37.5457	81.5612	PPNR	1.2	2.1	7.0	1.70	0.30	5.70	1755.	47.	5.
777	0000	-688	37.5457	81.5606	PPNR	1.1	2.3 +	5.9	2.07	0.39 +	5.29 -	1640.	49.	3.
778	0000	-691	37.5456	81.5600	PPNR	1.1	2.1	5.8	2.04	0.37	5.49	1541.	49.	3.
779	0000	-696	37.5456	81.5595	PPNR	0.9	2.2	5.6	2.42	0.39 +	6.15	1447.	51.	2.
780	0000	-692	37.5455	81.5590	PPNR	0.8	1.7	5.2	2.05	0.34	6.12	1345.	52.	4.
781	0000	-689	37.5455	81.5584	PPNR	0.8	1.7	4.8	2.18	0.35	6.22	1271.	54.	6.
782	0000	-694	37.5455	81.5578	PPNR	0.8	1.4	4.5 -	1.78	0.30	5.93	1214.	56.	7.
783	0000	-694	37.5454	81.5572	PPNR	0.8	1.2 -	4.4 -	1.52	0.26	5.87	1199.	57.	9.
784	0000	-691	37.5454	81.5567	PPNR	0.8	1.0 -	4.5 -	1.28 -	0.23	5.67	1217.	57.	11.
785	0000	-697	37.5454	81.5562	PPNR	0.9	1.0 -	4.9	1.20 -	0.21	5.67	1288.	56.	13.
786	0000	-703	37.5454	81.5556	PPNR	1.0	1.0 -	5.5	0.98 -	0.17 -	5.68	1396.	55.	15.
787	0000	-699	37.5453	81.5550	PPNR	1.1	1.1 -	6.1	0.98 -	0.18 -	5.37 -	1507.	54.	14.
788	0000	-694	37.5453	81.5544	PPNR	1.2	0.9 -	6.2	0.73 --	0.14 --	5.10 -	1590.	54.	15.
789	0000	-695	37.5453	81.5539	PPNR	1.3 +	0.9 -	6.5	0.72 --	0.14 --	5.14 -	1628.	55.	15.
790	0000	-701	37.5452	81.5534	PPNR	1.3 +	1.1 -	6.6	0.80 --	0.16 -	5.00 -	1650.	55.	14.
791	0000	-700	37.5452	81.5528	PPNR	1.3 +	0.9 -	7.0	0.71 --	0.13 --	5.28 -	1638.	52.	13.
792	0000	-696	37.5452	81.5522	PPNR	1.3 +	0.9 -	7.1	0.72 --	0.13 --	5.64	1586.	53.	11.
793	0000	-698	37.5451	81.5516	PPNR	1.2	1.0 -	6.8	0.83 --	0.14 --	5.72	1521.	55.	9.
794	0000	-701	37.5451	81.5511	PPNR	1.1	1.1 -	6.8	1.03 -	0.17 -	6.12	1479.	55.	7.
795	0000	-702	37.5451	81.5505	PPNR	1.1	1.4	7.2	1.29 -	0.19 -	6.65	1467.	55.	5.
796	0000	-702	37.5451	81.5499	PPNR	1.1	1.7	7.4 +	1.50	0.23	6.55	1523.	51.	4.
797	0000	-704	37.5450	81.5494	PPNR	1.1	1.8	7.8 +	1.64	0.23	7.15	1563.	52.	4.
798	0000	-705	37.5450	81.5488	PPNR	1.1	1.8	7.5 +	1.62	0.24	6.72	1596.	52.	4.
799	0000	-704	37.5450	81.5482	PPNR	1.1	1.9	7.1	1.68	0.26	6.48	1629.	53.	6.
800	0000	-705	37.5449	81.5477	PPNR	1.1	2.1	7.2	1.91	0.30	6.44	1699.	53.	7.
801	0000	-709	37.5449	81.5471	PPNR	1.1	2.2	7.7 +	2.05	0.28	7.20	1748.	52.	8.
802	0000	-708	37.5449	81.5465	PPNR	1.1	2.1	7.6 +	1.89	0.28	6.68	1765.	52.	9.
803	0000	-705	37.5448	81.5460	PPNR	1.0	2.2	7.4 +	2.10	0.30	7.04	1721.	53.	10.
804	0000	-706	37.5448	81.5454	PPNR	1.1	2.0	7.1	1.87	0.28	6.59	1686.	50.	11.
805	0000	-709	37.5447	81.5449	PPNR	1.1	2.0	7.0	1.33	0.29	6.64	1664.	51.	12.
806	0000	-708	37.5447	81.5443	PPNR	1.1	2.0	7.0	1.82	0.29	6.25	1646.	51.	11.
807	0000	-709	37.5447	81.5437	PPNR	1.1	1.8	7.0	1.58	0.26	6.18	1585.	53.	10.
808	0000	-711	37.5446	81.5431	PPNR	1.1	1.5	6.6	1.32 -	0.23	5.80	1511.	52.	10.
809	0000	-709	37.5446	81.5426	PPNR	1.1	1.5	6.3	1.40	0.24	5.87	1468.	53.	9.
810	0000	-706	37.5446	81.5421	PPNR	1.1	1.4	6.3	1.34	0.23	5.85	1458.	53.	8.
811	0000	-707	37.5446	81.5415	PPNR	1.1	1.5	6.0	1.40	0.25	5.56	1441.	55.	7.
812	0000	-715	37.5445	81.5409	PPNR	1.1	1.8	6.1	1.74	0.30	5.84	1437.	55.	5.
813	0000	-716	37.5445	81.5404	PPNR	1.0	1.9	6.3	1.88	0.30	6.23	1429.	53.	4.
814	0000	-710	37.5445	81.5397	PPNR	1.0	2.1	6.3	2.07	0.33	6.28	1446.	51.	3.
815	0000	-711	37.5444	81.5392	PPNR	1.1	2.1	6.0	2.01	0.35	5.66	1493.	51.	2.
816	0000	-714	37.5444	81.5387	PPNR	1.2	2.1	6.6	1.86	0.32	5.73	1554.	52.	2.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-713	37.5444	81.5381	PPNR	1.2	2.3 +	6.8	1.94	0.33	5.81	1604.	53.	1.
818	0000	-712	37.5443	81.5375	PPNR	1.2	2.6 +	7.1	2.25	0.37	6.07	1668.	54.	1.
819	0000	-710	37.5443	81.5370	PPNR	1.2	2.8 +	7.1	2.30	0.39 +	5.96	1720.	54.	2.
820	0000	-713	37.5443	81.5363	PPNR	1.3 +	2.8 +	7.6 +	2.19	0.37	5.95	1771.	55.	2.
821	0000	-719	37.5443	81.5359	PPNR	1.3 +	2.6 +	7.6 +	2.00	0.34	5.89	1790.	56.	3.
822	0000	-718	37.5442	81.5353	PPNR	1.3 +	2.8 +	7.8 +	2.21	0.36	6.21	1799.	57.	3.
823	0000	-715	37.5442	81.5347	PPNR	1.2	2.9 ++	7.7 +	2.45	0.37	6.57	1786.	54.	4.
824	0000	-716	37.5442	81.5341	PPNR	1.2	2.5 +	7.6 +	2.17	0.33	6.48	1750.	54.	5.
825	0000	-714	37.5441	81.5336	PPNR	1.1	2.2	7.3	1.94	0.30	6.40	1690.	55.	5.
826	0000	-710	37.5441	81.5330	PPNR	1.1	1.9	7.0	1.73	0.28	6.24	1654.	54.	6.
827	0000	-715	37.5441	81.5325	PPNR	1.1	1.7	6.3	1.61	0.27	5.86	1595.	54.	7.
828	0000	-720	37.5440	81.5319	PPNR	1.0	1.8	5.9	1.74	0.31	5.71	1545.	53.	7.
829	0000	-714	37.5440	81.5313	PPNR	1.0	1.4	5.6	1.44	0.25	5.67	1486.	54.	8.
830	0000	-713	37.5440	81.5307	PPNR	1.0	1.4	5.5	1.43	0.25	5.64	1451.	57.	8.
831	0000	-722	37.5440	81.5302	PPNR	0.9	1.5	5.4	1.54	0.27	5.68	1432.	56.	9.
832	0000	-723	37.5439	81.5296	PPNR	0.9	1.6	5.4	1.76	0.30	5.81	1429.	54.	8.
833	0000	-719	37.5439	81.5291	PPNR	0.9	1.6	5.5	1.82	0.29	6.20	1388.	54.	8.
834	0000	-719	37.5439	81.5285	PPNR	0.8	1.9	5.4	2.32	0.34	6.73	1362.	54.	6.
835	0000	-720	37.5438	81.5279	PPNR	0.8	2.0	5.6	2.64 +	0.36	7.36	1338.	54.	6.
836	0000	-720	37.5438	81.5274	PPNR	0.8	2.2	5.9	2.82 +	0.37	7.61	1344.	52.	4.
837	0000	-722	37.5437	81.5269	PPNR	0.8	2.1	5.8	2.60 +	0.36	7.28	1325.	49.	3.
838	0000	-726	37.5437	81.5262	PPNR	0.8	2.2	5.7	2.64 +	0.39 +	6.76	1331.	48.	2.
839	0000	-726	37.5437	81.5257	PPNR	0.8	2.2	5.8	2.66 +	0.37 +	7.10	1330.	48.	2.
840	0000	-722	37.5436	81.5251	PPNR	0.8	2.2	5.7	2.68 +	0.39 +	6.94	1327.	48.	3.
841	0000	-722	37.5436	81.5246	PPNR	0.8	2.1	5.9	2.54 +	0.36	7.06	1338.	47.	3.
842	0000	-725	37.5436	81.5240	PPNR	0.8	2.2	5.7	2.57 +	0.38 +	6.75	1357.	44.	3.
843	0000	-726	37.5435	81.5235	PPNR	0.8	2.3 +	5.4	2.84 +	0.42 +	6.72	1342.	43.	4.
844	0000	-725	37.5435	81.5229	PPNR	0.8	2.3 +	5.3	3.03 +	0.44 +	6.86	1318.	47.	5.
845	0000	-722	37.5435	81.5223	PPNR	0.7	2.2	5.3	3.01 +	0.42 +	7.21	1296.	46.	5.
846	0000	-721	37.5434	81.5217	PPNR	0.7	2.1	5.1	2.77 +	0.41 +	6.81	1269.	46.	5.
847	0000	-724	37.5434	81.5212	PPNR	0.8	2.2	5.4	2.84 +	0.40 +	7.05	1276.	46.	5.
848	0000	-726	37.5434	81.5206	PPNR	0.8	2.0	5.1	2.66 +	0.40 +	6.72	1271.	47.	5.
849	0000	-724	37.5434	81.5201	PPNR	0.8	2.1	5.3	2.74 +	0.39 +	6.99	1282.	50.	5.
850	0000	-720	37.5433	81.5195	PPNR	0.8	2.1	5.3	2.58 +	0.39 +	6.56	1337.	51.	5.
851	0000	-724	37.5432	81.5189	PPNR	0.8	2.4 +	5.1	2.83 +	0.47 +	6.06	1393.	49.	5.
852	0000	-731	37.5432	81.5184	PPNR	0.9	2.4 +	5.2	2.66 +	0.46 +	5.84	1428.	50.	6.
853	0000	-729	37.5432	81.5178	PPNR	0.9	2.3 +	5.2	2.59 +	0.45 +	5.80	1459.	51.	7.
854	0000	-725	37.5432	81.5172	PPNR	0.9	2.1	5.0	2.31	0.42 +	5.51	1452.	51.	9.
855	0000	-727	37.5432	81.5167	PPNR	0.9	2.0	5.2	2.17	0.39 +	5.64	1457.	51.	10.
856	0000	-729	37.5431	81.5161	PPNR	0.9	1.8	5.3	1.96	0.35	5.68	1433.	50.	10.
857	0000	-730	37.5431	81.5156	PPNR	0.9	1.9	5.2	2.04	0.36	5.67	1375.	51.	10.
858	0000	-730	37.5430	81.5150	PPNR	0.9	1.5	5.8	1.76	0.26	6.67	1338.	51.	9.
859	0000	-727	37.5430	81.5144	PPNR	0.8	1.6	6.1	2.01	0.26	7.81	1296.	50.	7.
860	0000	-728	37.5430	81.5139	PPNR	0.7	1.8	5.9	2.44	0.30	8.13 +	1302.	51.	6.
861	0000	-729	37.5429	81.5132	PPNR	0.8	1.9	6.1	2.55	0.32	8.06 +	1366.	50.	5.
862	0000	-725	37.5429	81.5127	PPNR	0.8	2.2	6.2	2.77 +	0.35	7.94 +	1403.	50.	4.
863	0000	-730	37.5429	81.5122	PPNR	0.8	2.3 +	6.2	2.93 +	0.37	7.95 +	1407.	51.	3.
864	0000	-735	37.5429	81.5116	PPNR	0.8	2.0	6.5	2.56	0.31	8.36 +	1389.	49.	4.
865	0000	-730	37.5428	81.5110	PPNR	0.8	1.9	5.8	2.46	0.33	7.56	1345.	49.	4.
866	0000	-728	37.5428	81.5105	PPNR	0.8	1.8	5.2	2.38	0.35	6.86	1324.	51.	6.
867	0000	-734	37.5428	81.5099	PPNR	0.7	1.7	5.2	2.35	0.33	7.03	1297.	50.	6.

CP9 1P12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-737	37.5427	81.5094	PPNR	0.8	1.7	5.4	2.18	0.32	6.83	1293.	51.	8.
869	0000	-738	37.5427	81.5088	PPNR	0.8	1.6	5.4	1.88	0.29	6.45	1293.	49.	9.
870	0000	-736	37.5427	81.5082	PPNR	0.9	1.6	5.3	1.79	0.30	5.93	1304.	51.	9.
871	0000	-734	37.5426	81.5076	PPNR	0.9	2.0	5.2	2.26	0.37 +	6.05	1332.	51.	9.
872	0000	-735	37.5426	81.5071	PPNR	0.9	2.0	5.6	2.32	0.36	6.39	1365.	51.	10.
873	0000	-735	37.5426	81.5066	PPNR	0.9	2.0	5.8	2.19	0.35	6.30	1355.	53.	10.
874	0000	-733	37.5426	81.5060	PPNR	0.9	1.8	5.7	1.98	0.32	6.21	1327.	52.	10.
875	0000	-736	37.5425	81.5054	PPNR	0.8	1.8	5.1	2.24	0.36	6.27	1251.	50.	9.
876	0000	-737	37.5425	81.5048	PPNR	0.7	1.7	4.7	2.44	0.37	6.63	1201.	52.	9.
877	0000	-732	37.5425	81.5042	PPNR	0.7	1.9	4.4 -	2.81 +	0.42 +	6.63	1182.	51.	9.
878	0000	-733	37.5424	81.5037	PPNR	0.6	1.8	4.5 -	2.77 +	0.39 +	7.03	1169.	50.	9.
879	0000	-736	37.5424	81.5032	PPNR	0.6 -	1.8	4.3 -	2.89 +	0.42 +	6.91	1150.	50.	10.
880	0000	-735	37.5424	81.5026	PPNR	0.6 -	1.9	4.1 -	3.21 +	0.46 +	6.98	1147.	46.	9.
881	0000	-737	37.5423	81.5020	PPNR	0.6 -	1.9	4.2 -	3.30 +	0.46 +	7.16	1133.	46.	8.
882	0000	-740	37.5423	81.5014	PPNR	0.6 -	1.7	4.3 -	2.88 +	0.41 +	7.09	1118.	47.	8.
883	0000	-741	37.5422	81.5010	PPNR	0.6 -	1.8	4.5 -	2.89 +	0.40 +	7.28	1109.	45.	6.
884	0000	-736	37.5422	81.5004	PPP	0.7 -	1.5	4.5 -	2.23	0.32	6.88	1089.	49.	6.
885	0000	-730	37.5422	81.4997	PPP	0.7	1.4	4.4 -	1.89	0.31	6.04	1107.	50.	5.
886	0000	-734	37.5421	81.4992	PPP	0.7	1.6	4.6 -	2.08	0.34	6.13	1142.	49.	4.
887	0000	-737	37.5421	81.4986	PPP	0.8	1.6	4.9 -	1.99	0.33	5.96	1193.	54.	4.
888	0000	-732	37.5421	81.4980	PPP	0.9	1.6	5.1	1.80	0.31	5.70	1279.	53.	5.
889	0000	-733	37.5421	81.4976	PPP	1.0	2.0	5.3	2.09	0.38 +	5.58	1369.	53.	6.
890	0000	-736	37.5420	81.4970	PPP	1.0	2.2	5.2	2.28	0.42 +	5.43	1394.	55.	7.
891	0000	-733	37.5420	81.4964	PPP	0.9	2.1	5.9	2.27	0.36 +	6.22	1416.	53.	8.
892	0000	-736	37.5420	81.4958	PPP	0.9	2.2	5.9	2.35	0.37 +	6.42	1411.	52.	9.
893	0000	-737	37.5419	81.4952	PPP	1.0	2.2	6.1	2.31	0.37 +	6.31	1443.	49.	10.
894	0000	-734	37.5419	81.4947	PPP	0.9	2.3	6.0	2.44	0.38 +	6.36	1483.	47.	11.
895	0000	-736	37.5419	81.4941	PPP	0.9	2.1	6.3	2.36	0.34	6.95	1471.	48.	11.
896	0000	-737	37.5418	81.4936	PPP	0.9	1.9	6.3	2.05	0.30	6.91	1435.	46.	12.
897	0000	-737	37.5418	81.4930	PPP	0.9	1.6	6.4	1.83	0.26	7.19	1420.	45.	12.
898	0000	-738	37.5418	81.4924	PPP	0.9	1.6	6.0	1.82	0.27	6.77	1410.	46.	13.
899	0000	-740	37.5418	81.4919	PPP	0.9	1.5	5.9	1.75	0.26	6.69	1377.	48.	13.
900	0000	-746	37.5417	81.4913	PPP	0.8	1.3 -	5.3	1.49	0.24	6.30	1316.	51.	14.
901	0000	-746	37.5417	81.4907	PPP	0.8	1.1 -	5.2	1.34	0.21 -	6.38	1253.	50.	15.
902	0000	-741	37.5417	81.4902	PPP	0.8	1.2 -	4.6 -	1.56	0.27	5.76	1213.	48.	14.
903	0000	-747	37.5416	81.4896	PPP	0.7	1.1 -	4.6 -	1.44	0.23	6.29	1196.	50.	16.
904	0000	-752	37.5416	81.4891	PPP	0.7	1.1 -	4.6 -	1.45	0.24	6.07	1200.	49.	15.
905	0000	-747	37.5415	81.4885	PPP	0.7	1.2 -	4.9 -	1.72	0.25	6.83	1226.	46.	15.
906	0000	-746	37.5415	81.4880	PPP	0.8	1.0 -	5.0	1.35	0.21 -	6.55	1275.	47.	16.
907	0000	-747	37.5415	81.4874	PPP	0.8	1.1 -	5.7	1.38	0.20 -	7.04	1350.	48.	16.
908	0000	-744	37.5414	81.4868	PPP	0.9	1.1 -	5.9	1.18 -	0.18 -	6.44	1427.	50.	16.
909	0000	-741	37.5414	81.4863	PPP	1.0	1.1 -	6.3	1.10 -	0.17 -	6.46	1474.	52.	15.
910	0000	-736	37.5414	81.4855	PPP	1.0	1.2 -	6.6	1.21 -	0.19 -	6.34	1529.	51.	14.
911	0000	-739	37.5415	81.4849	PPP	1.0	1.4	6.4	1.32	0.21 -	6.21	1559.	51.	12.
912	0000	-744	37.5415	81.4842	PPP	1.0	1.5	6.0	1.41	0.25	5.72	1555.	53.	11.
913	0000	-745	37.5415	81.4835	PPP	1.0	1.9	6.0	1.90	0.32	6.03	1517.	50.	8.
914	0000	-750	37.5415	81.4829	PPP	0.9	2.0	5.6	2.28	0.36 +	6.26	1434.	49.	5.
915	0000	-756	37.5416	81.4823	PPP	0.8	2.2	5.5	2.66 +	0.40 +	6.70	1342.	50.	3.
916	0000	-756	37.5416	81.4816	PPP	0.8	2.3	5.3	3.12 +	0.45 +	7.00	1303.	47.	2.
917	0000	-759	37.5416	81.4809	PPP	0.7	2.6 +	5.1	3.88 ++	0.51 ++	7.55	1275.	49.	1.
918	0000	-759	37.5416	81.4802	PPP	0.7	2.6 +	5.7	3.59 ++	0.46 +	7.89	1312.	49.	2.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-756	37.5416	81.4796	PPP	0.8	2.6 +	6.1	3.36 +	0.43 +	7.88	1372.	47.	2.
920	0000	-758	37.5416	81.4789	PPP	0.8	2.7 +	6.2	3.27 +	0.43 +	7.55	1438.	48.	3.
921	0000	-756	37.5417	81.4782	PPP	0.9	2.4 +	6.0	2.69 +	0.40 +	6.77	1506.	49.	5.
922	0000	-755	37.5417	81.4776	PPP	0.9	2.4 +	6.3	2.70 +	0.38 +	6.98	1558.	48.	6.
923	0000	-762	37.5417	81.4769	PPP	0.9	2.5 +	6.2	2.77 +	0.41 +	6.81	1577.	50.	7.
924	0000	-764	37.5418	81.4762	PPP	1.0	2.3	6.0	2.34	0.38 +	5.78	1563.	49.	8.
925	0000	-758	37.5418	81.4756	PPP	1.0	2.2	5.6	2.30	0.40 +	5.80	1520.	49.	9.
926	0000	-757	37.5418	81.4749	PPP	0.9	2.1	5.5	2.27	0.39 +	5.82	1445.	48.	9.
927	0000	-760	37.5418	81.4742	PPP	0.9	1.8	5.4	2.02	0.34	5.90	1374.	48.	8.
928	0000	-761	37.5418	81.4736	PPP	0.8	2.1	5.5	2.45	0.37 +	6.59	1319.	48.	8.
929	0000	-764	37.5418	81.4729	PPP	0.8	2.0	5.3	2.46	0.37 +	6.62	1284.	47.	7.
930	0000	-767	37.5419	81.4722	PPP	0.8	1.6	5.3	1.92	0.31	6.26	1280.	47.	8.
931	0000	-767	37.5419	81.4715	PPP	0.8	1.7	5.3	2.07	0.32	6.47	1303.	45.	9.
932	0000	-764	37.5419	81.4709	PPP	0.8	1.8	5.2	2.25	0.35	6.41	1331.	47.	9.
933	0000	-761	37.5420	81.4702	PPP	0.9	1.6	5.3	1.78	0.29	6.05	1394.	48.	10.
934	0000	-762	37.5420	81.4695	PPP	0.9	1.8	5.6	2.02	0.32	6.32	1466.	47.	10.
935	0000	-771	37.5420	81.4689	PPP	1.0	1.7	5.7	1.81	0.31	5.92	1514.	48.	11.
936	0000	-770	37.5420	81.4682	PPP	1.1	1.7	5.9	1.63	0.29	5.56	1564.	48.	12.
937	0000	-762	37.5420	81.4675	PPP	1.1	1.8	6.3	1.64	0.29	5.68	1595.	48.	12.
938	0000	-768	37.5420	81.4669	PPP	1.1	1.8	6.4	1.55	0.28	5.57	1611.	49.	11.
939	0000	-773	37.5421	81.4662	PPP	1.1	1.8	6.4	1.58	0.27	5.78	1588.	49.	11.
940	0000	-771	37.5421	81.4656	PPP	1.0	1.9	6.0	1.86	0.32	5.80	1544.	49.	11.
941	0000	-777	37.5421	81.4648	PPP	1.1	1.8	5.9	1.64	0.30	5.49	1507.	52.	10.
942	0000	-780	37.5422	81.4642	PPP	1.1	1.7	5.8	1.52	0.30	5.47	1487.	51.	9.
943	0000	-778	37.5422	81.4636	PPP	1.0	1.9	5.8	1.84	0.32	5.75	1458.	52.	8.
944	0000	-779	37.5422	81.4629	PPP	0.9	1.9	5.3	2.02	0.36	5.68	1409.	53.	7.
945	0000	-776	37.5422	81.4622	PPP	0.9	1.9	5.3	2.07	0.36	5.80	1376.	52.	5.
946	0000	-777	37.5422	81.4615	PPP	1.0	1.8	5.3	1.90	0.34	5.55	1371.	52.	4.
947	0000	-779	37.5422	81.4609	PPNR	1.0	1.9	5.6	1.95	0.35	5.65	1373.	52.	3.
948	0000	-781	37.5423	81.4602	PPNR	0.9	2.0	5.4	2.07	0.36	5.73	1371.	51.	2.
949	0000	-785	37.5423	81.4595	PPNR	0.9	2.0	5.4	2.18	0.37	5.84	1367.	51.	2.
950	0000	-783	37.5423	81.4589	PPNR	0.9	1.9	5.2	2.19	0.37	5.91	1354.	51.	2.
951	0000	-784	37.5424	81.4582	PPNR	0.9	2.0	5.7	2.32	0.35	6.62	1358.	48.	2.
952	0000	-784	37.5424	81.4575	PPNR	0.8	2.0	5.8	2.42	0.34	7.14	1350.	49.	2.
953	0000	-781	37.5424	81.4568	PPNR	0.8	2.0	5.9	2.68 +	0.35	7.73	1333.	50.	3.
954	0000	-784	37.5424	81.4562	PPNR	0.7	1.8	5.9	2.56 +	0.31	8.14 +	1307.	49.	4.
955	0000	-789	37.5424	81.4556	PPNR	0.7	1.7	5.8	2.31	0.29	7.94 +	1273.	50.	4.
956	0000	-790	37.5424	81.4548	PPNR	0.7	1.6	5.8	2.29	0.29	8.01 +	1247.	49.	5.
957	0000	-786	37.5425	81.4542	PPNR	0.7	1.5	5.9	2.02	0.25	8.17 +	1222.	49.	6.
958	0000	-783	37.5425	81.4535	PPNR	0.7	1.2	5.9	1.62	0.21 -	7.89	1224.	54.	7.
959	0000	-784	37.5425	81.4529	PPNR	0.8	1.0 -	5.9	1.21 -	0.17 -	7.19	1237.	55.	8.
960	0000	-783	37.5425	81.4522	PPNR	0.8	0.9 -	5.8	1.08 -	0.16 --	6.86	1243.	55.	10.
961	0000	-782	37.5425	81.4515	PPNR	0.9	1.0 -	5.6	1.15 -	0.18 -	6.58	1231.	56.	10.
962	0000	-787	37.5425	81.4509	PPNR	0.8	1.1 -	5.6	1.33	0.19 -	7.07	1204.	57.	10.
963	0000	-788	37.5426	81.4502	PPNR	0.8	1.0 -	5.5	1.27 -	0.18 -	7.25	1165.	58.	9.
964	0000	-786	37.5426	81.4495	PPNR	0.7	1.1 -	5.4	1.43	0.20 -	7.33	1144.	56.	8.
965	0000	-789	37.5426	81.4488	PPNR	0.7	1.2	4.9	1.69	0.25	6.86	1095.	54.	7.
966	0000	-789	37.5427	81.4482	PPNR	0.6	1.3	4.9	2.00	0.26	7.65	1049.	51.	5.
967	0000	-790	37.5427	81.4476	PPNR	0.6 -	1.4	4.6	2.35	0.30	7.90	1003.	52.	4.
968	0000	-797	37.5427	81.4468	PPNR	0.6 -	1.4	4.6	2.47	0.29	8.38 +	993.	50.	3.
969	0000	-801	37.5427	81.4462	PPNR	0.6 -	1.4	4.5 -	2.53	0.32	7.95 +	995.	47.	2.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-802	37.5427	81.4455	PPNR	0.6 -	1.5	4.6	2.39	0.32	7.40	1021.	48.	2.
971	0000	-801	37.5427	81.4449	PPNR	0.6 -	1.5	4.3 -	2.41	0.35	6.95	1028.	50.	2.
972	0000	-801	37.5428	81.4442	PPNR	0.6	1.4	4.8	2.15	0.29	7.51	1068.	50.	3.
973	0000	-801	37.5428	81.4435	PPNR	0.7	1.5	4.6	2.29	0.33	6.83	1101.	51.	4.
974	0000	-801	37.5428	81.4429	PPNR	0.7	1.5	4.9	2.03	0.30	6.76	1153.	51.	4.
975	0000	-803	37.5429	81.4422	PPNR	0.8	1.5	5.1	1.87	0.29	6.52	1197.	51.	5.
976	0000	-805	37.5429	81.4415	PPNR	0.8	1.3	5.4	1.56	0.24	6.52	1233.	54.	6.
977	0000	-801	37.5429	81.4409	PPNR	0.8	1.4	5.5	1.64	0.25	6.59	1258.	51.	5.
978	0000	-801	37.5429	81.4402	PPNR	0.9	1.6	5.6	1.86	0.28	6.56	1305.	48.	5.
979	0000	-807	37.5429	81.4395	PPNR	0.9	2.0	5.4	2.36	0.37	6.33	1310.	48.	4.
980	0000	-807	37.5429	81.4388	PPNR	0.9	2.0	5.2	2.29	0.38 +	5.96	1316.	49.	3.
981	0000	-807	37.5430	81.4382	PPNR	0.9	2.2	5.2	2.60 +	0.43 +	6.10	1308.	48.	2.
982	0000	-811	37.5430	81.4375	PPNR	0.8	2.2	5.1	2.73 +	0.43 +	6.32	1272.	48.	1.
983	0000	-812	37.5430	81.4369	PPNR	0.8	2.3	5.0	2.97 +	0.45 +	6.61	1240.	47.	1.
984	0000	-808	37.5430	81.4362	PPNR	0.7	2.2	4.9	3.09 +	0.46 +	6.74	1193.	51.	1.
985	0000	-810	37.5430	81.4355	PPNR	0.7	2.2	4.6	3.35 +	0.49 +	6.88	1149.	55.	1.
986	0000	-815	37.5431	81.4348	PPNR	0.7	1.8	4.4 -	2.70 +	0.41 +	6.52	1138.	53.	2.
987	0000	-810	37.5431	81.4341	PPNR	0.7	1.7	4.7	2.59 +	0.37	7.01	1115.	53.	2.
988	0000	-810	37.5431	81.4335	PPNR	0.7	1.5	4.8	2.33	0.32	7.19	1119.	53.	4.
989	0000	-816	37.5431	81.4328	PPNR	0.7	1.7	4.7	2.50	0.36	6.96	1180.	54.	4.
990	0000	-816	37.5432	81.4322	PPNR	0.7	1.9	4.7	2.62 +	0.41 +	6.36	1256.	55.	5.
991	0000	-815	37.5432	81.4315	PPNR	0.8	1.8	5.1	2.25	0.35	6.44	1343.	52.	7.
992	0000	-815	37.5432	81.4308	PPNR	0.8	1.5	5.6	1.86	0.26	7.02	1350.	52.	7.
993	0000	-814	37.5432	81.4301	PPNR	0.8	1.6	5.6	2.05	0.29	7.15	1330.	54.	8.
994	0000	-819	37.5432	81.4296	PPNR	0.7	1.8	5.6	2.57 +	0.33	7.73	1324.	54.	7.
995	0000	-823	37.5432	81.4288	PPNR	0.7	1.7	5.3	2.35	0.33	7.21	1306.	53.	6.
996	0000	-824	37.5433	81.4281	PPNR	0.8	1.5	5.7	2.06	0.27	7.60	1273.	52.	6.
997	0000	-825	37.5433	81.4275	PPNR	0.7	1.4	5.7	2.04	0.25	8.33 +	1216.	52.	5.
998	0000	-821	37.5433	81.4268	PPNR	0.6 -	1.7	5.3	2.71 +	0.32	8.59 +	1160.	54.	5.
999	0000	-819	37.5434	81.4261	PPNR	0.6	1.8	4.9	2.82 +	0.36	7.76	1170.	53.	4.
1000	0000	-820	37.5434	81.4255	PPNR	0.7	1.8	5.1	2.80 +	0.36	7.70	1195.	52.	3.
1001	0000	-817	37.5434	81.4249	PPNR	0.7	1.7	5.5	2.36	0.31	7.61	1226.	51.	3.
1002	0000	-813	37.5435	81.4242	PPNR	0.7	1.7	5.4	2.39	0.32	7.41	1243.	50.	3.
1003	0000	-814	37.5435	81.4235	PPNR	0.7	1.8	5.0	2.46	0.36	6.80	1239.	51.	3.
1004	0000	-817	37.5435	81.4228	PPNR	0.8	1.9	5.0	2.50	0.38 +	6.60	1246.	52.	3.
1005	0000	-817	37.5435	81.4222	PPNR	0.8	1.8	5.1	2.11	0.34	6.15	1283.	52.	2.
1006	0000	-813	37.5435	81.4215	PPNR	0.8	1.8	5.4	2.16	0.33	6.48	1318.	54.	2.
1007	0000	-812	37.5435	81.4208	PPNR	0.9	2.0	5.4	2.36	0.37	6.34	1339.	54.	2.
1008	0000	-812	37.5436	81.4201	PPNR	0.9	1.8	5.4	2.11	0.34	6.23	1355.	55.	2.
1009	0000	-811	37.5436	81.4195	PPNR	1.0	1.9	5.8	1.99	0.33	6.06	1386.	55.	2.
1010	0000	-816	37.5436	81.4188	PPNR	1.0	2.0	6.0	1.94	0.33	5.83	1423.	53.	2.
1011	0000	-820	37.5436	81.4181	PPNR	1.1	2.1	6.2	1.93	0.34	5.66	1478.	51.	2.
1012	0000	-817	37.5436	81.4175	PPNR	1.1	2.1	6.8	1.85	0.30	6.11	1508.	50.	2.
1013	0000	-818	37.5436	81.4168	PPNR	1.2	2.0	6.6	1.71	0.30	5.75	1500.	50.	3.
1014	0000	-823	37.5437	81.4162	PPNR	1.1	1.7	6.8	1.50	0.25	6.00	1465.	51.	3.
1015	0000	-823	37.5437	81.4154	PPNR	1.1	1.8	6.4	1.64	0.28	5.80	1400.	50.	3.
1016	0000	-818	37.5437	81.4148	PPNR	1.0	1.6	6.2	1.54	0.25	6.15	1339.	51.	4.
1017	0000	-820	37.5438	81.4141	PPNR	0.9	1.5	6.0	1.64	0.26	6.35	1305.	51.	3.
1018	0000	-822	37.5438	81.4135	PPNR	0.9	1.4	5.7	1.51	0.25	6.12	1292.	51.	4.
1019	0000	-821	37.5438	81.4128	PPNR	0.9	1.5	5.3	1.70	0.28	6.12	1258.	53.	4.
1020	0000	-825	37.5438	81.4121	PPNR	0.9	1.4	5.3	1.62	0.26	6.24	1248.	53.	4.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-832	37.5438	81.4114	PPNR	0.8	1.5	5.1	1.75	0.29	6.07	1273.	52.	5.
1022	0000	-830	37.5438	81.4109	PPNR	0.8	1.5	5.3	1.77	0.28	6.22	1332.	50.	5.
1023	0000	-830	37.5439	81.4101	PPNR	0.9	1.8	5.7	2.05	0.31	6.52	1428.	53.	4.
1024	0000	-836	37.5439	81.4094	PPNR	0.9	2.0	6.2	2.18	0.32	6.81	1503.	54.	4.
1025	0000	-833	37.5439	81.4088	PPNR	0.9	2.1	6.5	2.37	0.33	7.27	1509.	54.	3.
1026	0000	-832	37.5440	81.4081	PPNR	0.9	2.1	6.4	2.28	0.33	6.82	1507.	51.	2.
1027	0000	-839	37.5440	81.4075	PPNR	0.9	2.3 +	6.7	2.47	0.34	7.17	1501.	50.	1.
1028	0000	-835	37.5440	81.4068	PPNR	0.9	2.3 +	6.8	2.51	0.34	7.36	1481.	51.	1.
1029	0000	-833	37.5440	81.4062	PPNR	0.9	2.4 +	7.0	2.62 +	0.34	7.64	1457.	53.	0.
1030	0000	-844	37.5440	81.4054	PPNR	0.9	2.3 +	6.5	2.56	0.36	7.12	1406.	52.	1.
1031	0000	-843	37.5440	81.4048	PPNR	0.9	2.3 +	6.7	2.59 +	0.34	7.58	1380.	52.	0.
1032	0000	-835	37.5441	81.4041	PPNR	0.9	2.2	7.4 +	2.37	0.30	7.94 +	1443.	49.	0.
1033	0000	-839	37.5441	81.4035	PPNR	1.0	2.2	7.8 +	2.19	0.28	7.71	1537.	52.	1.
1034	0000	-845	37.5441	81.4028	PPNR	1.0	2.4 +	8.1 +	2.31	0.29	7.99 +	1617.	52.	1.
1035	0000	-841	37.5442	81.4021	PPNR	1.0	2.5 +	8.4 +	2.44	0.29	8.33 +	1640.	53.	2.
1036	0000	-840	37.5442	81.4015	PPP	1.0	2.5 +	8.0 +	2.53 +	0.31	8.10 +	1622.	52.	3.
1037	0000	-846	37.5442	81.4008	PPP	1.0	2.4 +	7.8	2.47	0.30	8.13 +	1575.	53.	4.
1038	0000	-847	37.5442	81.4001	PPP	0.9	2.0	7.3	2.16	0.28	7.79	1504.	53.	4.
1039	0000	-843	37.5442	81.3994	PPP	0.9	1.9	6.7	2.19	0.28	7.72	1423.	55.	6.
1040	0000	-844	37.5442	81.3988	PPP	0.8	1.8	6.2	2.18	0.30	7.37	1345.	57.	6.
1041	0000	-847	37.5443	81.3981	PPP	0.9	1.7	5.6	1.91	0.30	6.29	1299.	55.	7.
1042	0000	-849	37.5443	81.3974	PPP	0.9	1.4	5.2	1.52	0.27	5.63	1289.	54.	8.
1043	0000	-848	37.5443	81.3967	PPP	0.9	1.3 -	5.1	1.37	0.25	5.42	1272.	56.	7.
1044	0000	-846	37.5444	81.3961	PPP	0.9	1.3 -	5.5	1.43	0.24	6.08	1258.	56.	6.
1045	0000	-847	37.5444	81.3954	PPP	0.9	1.3	5.3	1.52	0.25	6.03	1240.	56.	5.
1046	0000	-849	37.5444	81.3947	PPP	0.8	1.4	4.7 -	1.66	0.30	5.57	1181.	56.	4.
1047	0000	-851	37.5444	81.3941	PPP	0.7	1.5	4.7 -	2.10	0.32	6.60	1137.	52.	3.
1048	0000	-854	37.5444	81.3934	PPP	0.6 -	1.4	4.6 -	2.21	0.31	7.08	1076.	53.	2.
1049	0000	-851	37.5444	81.3928	PPP	0.6 -	1.6	4.3 -	2.72 +	0.37 +	7.28	1042.	52.	2.
1050	0000	-846	37.5445	81.3920	PPP	0.6 -	1.7	4.3 -	2.97 +	0.39 +	7.65	1044.	50.	1.
1051	0000	-851	37.5445	81.3914	PPP	0.6 -	1.8	3.9 -	3.02 +	0.45 +	6.70	1050.	49.	2.
1052	0000	-857	37.5445	81.3908	PPP	0.6 -	1.8	3.9 -	3.07 +	0.47 ++	6.48	1069.	48.	2.
1053	0000	-856	37.5445	81.3902	PPP	0.6 -	1.8	4.0 -	2.77 +	0.45 +	6.19	1122.	47.	3.
1054	0000	-853	37.5445	81.3894	PPP	0.7	1.7	4.2 -	2.44	0.42 +	5.83	1169.	47.	3.
1055	0000	-855	37.5445	81.3888	PPP	0.8	1.9	4.1 -	2.39	0.47 ++	5.11 -	1237.	49.	3.
1056	0000	-856	37.5446	81.3881	PPP	0.9	1.9	4.7 -	2.19	0.41 +	5.38	1304.	48.	2.
1057	0000	-853	37.5446	81.3875	PPP	0.9	2.2	4.8 -	2.36	0.45 +	5.20 -	1363.	49.	2.
1058	0000	-854	37.5446	81.3868	PPP	1.0	2.5 +	5.5	2.54 +	0.45 +	5.62	1442.	49.	2.
1059	0000	-856	37.5447	81.3861	PPP	1.1	2.9 ++	5.9	2.70 +	0.49 ++	5.54	1559.	48.	1.
1060	0000	-852	37.5447	81.3854	PPP	1.1	3.1 ++	6.5	2.80 +	0.48 ++	5.84	1619.	48.	1.
1061	0000	-850	37.5447	81.3848	PPP	1.1	3.2 ++	6.7	2.91 +	0.49 ++	5.99	1620.	49.	1.
1062	0000	-849	37.5447	81.3841	PPP	1.0	3.4 ++	6.7	3.25 +	0.51 ++	6.40	1605.	46.	1.
1063	0000	-843	37.5447	81.3836	PPP	1.1	3.3 ++	6.3	3.11 +	0.53 ++	5.88	1573.	47.	2.
1064	0000	-840	37.5447	81.3830	PPNR	1.1	3.0 ++	6.5	2.78 +	0.46 +	6.01	1531.	45.	3.
1065	0000	-845	37.5446	81.3824	PPNR	1.1	2.6 +	6.1	2.49	0.44 +	5.72	1457.	47.	4.
1066	0000	-850	37.5446	81.3818	PPNR	1.0	2.2	5.7	2.26	0.38 +	5.93	1339.	47.	4.
1067	0000	-851	37.5446	81.3812	PPNR	0.9	2.0	5.0	2.27	0.40 +	5.65	1253.	47.	4.
1068	0000	-850	37.5446	81.3807	PPNR	0.8	1.9	4.8	2.21	0.39 +	5.65	1214.	48.	4.
1069	0000	-853	37.5446	81.3801	PPNR	0.8	1.7	4.7	2.06	0.35	5.89	1149.	50.	5.
1070	0000	-856	37.5446	81.3794	PPNR	0.7	1.5	4.7	2.20	0.33	6.77	1099.	48.	4.
1071	0000	-853	37.5446	81.3789	PPNR	0.7	1.4	4.4 -	2.20	0.32	6.81	1059.	50.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-854	37.5445	81.3783	PPNR	0.6 -	1.5	4.1 -	2.52	0.37	6.77	1033.	51.	3.
1073	0000	-859	37.5445	81.3777	PPNR	0.5 -	1.6	4.0 -	2.89 +	0.39 +	7.34	1014.	52.	4.
1074	0000	-860	37.5445	81.3771	PPNR	0.5 -	1.4	4.2 -	2.88 +	0.34	8.36 +	986.	54.	3.
1075	0000	-859	37.5445	81.3765	PPNR	0.5 -	1.4	4.1 -	2.65 +	0.34	7.72	961.	55.	4.
1076	0000	-859	37.5445	81.3760	PPNR	0.6 -	1.3	4.2 -	2.41	0.32	7.50	980.	54.	3.
1077	0000	-863	37.5445	81.3754	PPNR	0.6 -	1.4	4.5 -	2.37	0.31	7.59	1021.	55.	2.
1078	0000	-862	37.5445	81.3747	PPNR	0.6 -	1.6	4.9	2.55	0.32	7.87	1071.	53.	2.
1079	0000	-858	37.5445	81.3742	PPNR	0.6	1.6	5.3	2.51	0.30	8.29 +	1080.	52.	2.
1080	0000	-855	37.5444	81.3736	PPNR	0.7	1.5	5.0	2.34	0.31	7.67	1085.	52.	3.
1081	0000	-853	37.5444	81.3730	PPNR	0.7	1.5	5.0	2.16	0.30	7.21	1103.	50.	4.
1082	0000	-851	37.5444	81.3724	PPNR	0.7	1.5	5.1	2.28	0.30	7.55	1131.	50.	4.
1083	0000	-850	37.5444	81.3719	PPNR	0.7	1.5	5.6	2.11	0.26	8.01 +	1182.	50.	5.
1084	0000	-851	37.5444	81.3713	PPNR	0.7	1.5	5.6	2.08	0.26	7.95 +	1221.	49.	6.
1085	0000	-852	37.5444	81.3707	PPNR	0.7	1.4	5.6	2.03	0.26	7.95 +	1239.	51.	7.
1086	0000	-856	37.5444	81.3701	PPNR	0.7	1.5	5.6	2.00	0.26	7.59	1280.	49.	7.
1087	0000	-859	37.5443	81.3695	PPNR	0.7	1.4	5.7	1.92	0.25	7.65	1308.	47.	8.
1088	0000	-854	37.5443	81.3689	PPNR	0.7	1.4	5.8	1.95	0.25	7.84	1311.	48.	8.
1089	0000	-852	37.5443	81.3683	PPNR	0.7	1.2 -	5.8	1.61	0.20 -	7.99 +	1278.	48.	8.
1090	0000	-858	37.5443	81.3677	PPP	0.7	1.1 -	5.5	1.58	0.19 -	8.13 +	1212.	48.	8.
1091	0000	-859	37.5443	81.3672	PPP	0.7 -	1.1 -	5.3	1.70	0.21 -	8.21 +	1153.	48.	6.
1092	0000	-856	37.5443	81.3666	PPP	0.6 -	1.0 -	5.4	1.61	0.19 -	8.51 +	1114.	47.	5.
1093	0000	-861	37.5443	81.3660	PPP	0.6 -	1.1 -	5.5	1.71	0.20 -	8.63 +	1090.	49.	4.
1094	0000	-864	37.5442	81.3654	PPP	0.6 -	1.3 -	5.9	1.98	0.21 -	9.23 +	1102.	50.	3.
1095	0000	-861	37.5442	81.3648	PPP	0.7	1.4	6.0	1.89	0.23	8.27 +	1143.	51.	2.
1096	0000	-863	37.5442	81.3642	PPP	0.8	1.4	6.3	1.77	0.23	7.83	1190.	53.	2.
1097	0000	-863	37.5442	81.3636	PPNR	0.9	1.6	6.4	1.79	0.25	7.22	1253.	54.	3.
1098	0000	-860	37.5442	81.3630	PPNR	1.0	1.5	6.6	1.58	0.23	6.83	1322.	54.	4.
1099	0000	-863	37.5442	81.3625	PPNR	1.0	1.6	6.7	1.56	0.24	6.47	1378.	54.	5.
1100	0000	-868	37.5442	81.3619	PPNR	1.1	1.5	6.9	1.32 -	0.21 -	6.32	1430.	54.	6.
1101	0000	-867	37.5442	81.3613	PPNR	1.2	1.4	7.1	1.15 -	0.19 -	5.96	1494.	53.	7.
1102	0000	-866	37.5441	81.3607	PPNR	1.3 +	1.5	7.5 +	1.16 -	0.20 -	5.83	1562.	55.	6.
1103	0000	-866	37.5441	81.3601	PPNR	1.4 +	1.9	7.7 +	1.37	0.24	5.67	1663.	51.	5.
1104	0000	-865	37.5441	81.3595	PPNR	1.4 +	2.2	7.9 +	1.52	0.28	5.51	1745.	51.	4.
1105	0000	-866	37.5441	81.3589	PPNR	1.5 +	2.5 +	7.9 +	1.64	0.31	5.30 -	1818.	54.	2.
1106	0000	-865	37.5441	81.3584	PPNR	1.6 ++	2.7 +	8.0 +	1.69	0.34	4.98 -	1902.	52.	2.
1107	0000	-866	37.5441	81.3578	PPNR	1.6 ++	3.1 ++	8.0 +	1.90	0.39 +	4.87 -	1977.	52.	1.
1108	0000	-867	37.5441	81.3572	PPNR	1.7 ++	3.1 ++	8.0 +	1.85	0.39 +	4.77 -	1999.	52.	0.
1109	0000	-862	37.5440	81.3566	PPNR	1.6 ++	3.2 ++	8.0 +	2.04	0.40 +	5.04 -	1964.	47.	0.
1110	0000	-865	37.5440	81.3560	PPNR	1.5 +	2.9 ++	7.7 +	1.93	0.38 +	5.05 -	1887.	49.	0.
1111	0000	-866	37.5440	81.3555	PPNR	1.4 +	2.7 +	7.7 +	1.86	0.35	5.30 -	1826.	47.	0.
1112	0000	-864	37.5440	81.3548	PPNR	1.4 +	2.7 +	7.5 +	1.94	0.36	5.45	1769.	43.	1.
1113	0000	-870	37.5440	81.3542	PPNR	1.3 +	2.4 +	7.0	1.76	0.34	5.20 -	1701.	44.	2.
1114	0000	-867	37.5440	81.3537	PPNR	1.3 +	2.1	6.8	1.66	0.31	5.30 -	1631.	46.	4.
1115	0000	-861	37.5440	81.3531	PPNR	1.2	2.0	6.2	1.70	0.32	5.29 -	1530.	49.	5.
1116	0000	-868	37.5439	81.3526	PPNR	1.1	1.7	5.7	1.53	0.29	5.23 -	1436.	50.	7.
1117	0000	-870	37.5439	81.3520	PPNR	1.0	1.4	5.3	1.43	0.27	5.27 -	1364.	50.	8.
1118	0000	-864	37.5439	81.3514	PPNR	0.9	1.4	4.8	1.51	0.29	5.19 -	1293.	51.	9.
1119	0000	-865	37.5439	81.3508	PPNR	0.9	1.1 -	4.4 -	1.32 -	0.26	5.08 -	1215.	54.	9.
1120	0000	-862	37.5439	81.3501	PPNR	0.8	1.2	4.7	1.49	0.25	6.03	1190.	55.	7.
1121	0000	-860	37.5439	81.3496	PPNR	0.9	1.0 -	5.0	1.14 -	0.20 -	5.77	1224.	51.	7.
1122	0000	-866	37.5439	81.3490	PPNR	0.9	1.4	5.1	1.50	0.27	5.51	1287.	49.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292 PAGE 381

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-866	37.5438	81.3484	PPNR	1.0	1.6	5.5	1.61	0.30	5.41	1367.	51.	3.
1124	0000	-866	37.5438	81.3479	PPNR	1.1	1.8	5.9	1.69	0.31	5.45	1446.	50.	2.
1125	0000	-871	37.5438	81.3472	PPNR	1.2	1.6	6.6	1.35	0.24	5.51	1505.	53.	2.
1126	0000	-869	37.5438	81.3467	PPNR	1.2	1.7	6.9	1.36	0.24	5.63	1516.	52.	1.
1127	0000	-866	37.5437	81.3461	PPNR	1.2	1.6	6.5	1.40	0.25	5.67	1450.	54.	2.
1128	0000	-867	37.5437	81.3454	PPNR	1.0	1.6	6.1	1.63	0.27	6.10	1351.	55.	1.
1129	0000	-865	37.5437	81.3449	PPNR	0.9	1.4	6.0	1.56	0.23	6.76	1271.	57.	2.
1130	0000	-865	37.5437	81.3443	PPNR	0.9	1.3	5.8	1.49	0.22	6.67	1238.	53.	2.
1131	0000	-867	37.5437	81.3437	PPNR	0.9	1.3	5.7	1.45	0.23	6.40	1238.	52.	3.
1132	0000	-868	37.5437	81.3432	PPNR	0.9	1.6	5.8	1.65	0.27	6.09	1308.	51.	3.
1133	0000	-870	37.5437	81.3425	PPNR	1.1	1.7	6.0	1.60	0.28	5.62	1428.	52.	3.
1134	0000	-869	37.5437	81.3420	PPNR	1.2	2.0	6.7	1.63	0.29	5.55	1580.	51.	2.
1135	0000	-868	37.5437	81.3414	PPNR	1.4 +	2.3 +	7.3	1.67	0.31	5.41 -	1720.	53.	2.
1136	0000	-870	37.5437	81.3409	PPNR	1.6 ++	2.5 +	7.7 +	1.59	0.32	4.94 -	1829.	51.	2.
1137	0000	-866	37.5437	81.3402	PPNR	1.7 ++	2.3 +	8.4 +	1.40	0.28	4.98 -	1895.	53.	1.
1138	0000	-863	37.5436	81.3396	PPNR	1.7 ++	2.6 +	8.5 +	1.57	0.31	5.07 -	1916.	56.	1.
1139	0000	-862	37.5436	81.3391	PPNR	1.7 ++	2.8 +	8.2 +	1.69	0.34	4.95 -	1895.	56.	1.
1140	0000	-862	37.5436	81.3384	PPNR	1.6 ++	2.8 +	8.7 +	1.69	0.32	5.29 -	1866.	53.	1.
1141	0000	-866	37.5436	81.3379	PPNR	1.6 ++	2.6 +	8.3 +	1.66	0.32	5.19 -	1807.	55.	1.
1142	0000	-870	37.5435	81.3373	PPNR	1.5 +	2.7 +	7.8 +	1.82	0.35	5.21 -	1715.	55.	1.
1143	0000	-867	37.5435	81.3367	PPNR	1.3 +	2.4 +	7.3	1.86	0.33	5.60	1617.	56.	1.
1144	0000	-865	37.5435	81.3362	PPNR	1.1	2.5 +	6.5	2.17	0.37 +	5.79	1495.	56.	1.
1145	0000	-864	37.5435	81.3355	PPNR	1.0	2.2	5.9	2.23	0.38 +	5.92	1381.	55.	0.
1146	0000	-859	37.5435	81.3349	PPNR	0.8	2.0	5.3	2.34	0.37	6.35	1239.	55.	0.
1147	0000	-862	37.5435	81.3344	PPNR	0.7	1.9	4.4 -	2.83 +	0.42 +	6.71	1101.	56.	0.
1148	0000	-870	37.5435	81.3337	PPNR	0.6 -	1.6	4.4 -	2.73 +	0.37	7.33	1028.	55.	0.
1149	0000	-868	37.5434	81.3332	PPNR	0.6 -	1.4	4.3 -	2.39	0.32	7.45	1002.	54.	0.
1150	0000	-864	37.5434	81.3326	PPNR	0.6 -	1.2	4.7	2.09	0.26	7.95 +	1012.	53.	1.
1151	0000	-867	37.5434	81.3320	PPNR	0.7	1.4	5.2	2.12	0.27	7.84	1077.	53.	1.
1152	0000	-866	37.5434	81.3315	PPNR	0.8	1.4	5.9	1.77	0.24	7.45	1169.	52.	1.
1153	0000	-864	37.5434	81.3308	PPNR	1.0	1.3	6.7	1.28 -	0.19 -	6.82	1316.	51.	3.
1154	0000	-866	37.5434	81.3302	PPNR	1.2	1.4	7.1	1.12 -	0.19 -	5.86	1470.	49.	3.
1155	0000	-865	37.5434	81.3296	PPNR	1.3 +	1.5	7.0	1.14 -	0.21 -	5.51	1526.	50.	4.
1156	0000	-861	37.5433	81.3291	PPNR	1.3 +	1.3	7.2	1.06 -	0.19 -	5.69	1508.	49.	4.
1157	0000	-861	37.5433	81.3285	PPNR	1.2	1.3	7.1	1.04 -	0.18 -	5.70	1481.	50.	4.
1158	0000	-861	37.5434	81.3279	PPNR	1.2	1.2	6.6	1.02 -	0.18 -	5.63	1421.	48.	5.
1159	0000	-864	37.5434	81.3273	PPNR	1.1	1.2	5.9	1.11 -	0.20 -	5.55	1327.	50.	4.
1160	0000	-866	37.5433	81.3268	PPNR	0.9	1.3	5.2	1.49	0.24	6.14	1186.	52.	3.
1161	0000	-861	37.5433	81.3262	PPNR	0.6 -	1.1 -	4.7	1.77	0.23	7.63	1020.	54.	2.
1162	0000	-859	37.5433	81.3255	PPNR	0.5 -	1.1 -	4.4 -	2.31	0.25	9.26 +	918.	54.	3.
1163	0000	-863	37.5432	81.3249	PPNR	0.4 -	1.1 -	3.9 -	2.43	0.27	9.05 +	875.	55.	3.
1164	0000	-863	37.5432	81.3244	PPNR	0.4 -	1.3	3.5 -	3.38 +	0.37	9.23 +	838.	55.	3.
1165	0000	-863	37.5432	81.3238	PPNR	0.3 -	1.2	3.3 -	3.59 ++	0.37	9.65 ++	820.	55.	2.
1166	0000	-862	37.5432	81.3232	PPNR	0.3 --	1.5	3.8 -	4.74 ++	0.38 +	12.39 +++	835.	55.	1.
1167	0000	-858	37.5432	81.3227	PPNR	0.4 -	1.4	3.9 -	3.82 ++	0.35	10.77 ++	861.	53.	2.
1168	0000	-858	37.5432	81.3221	PPNR	0.4 -	1.4	4.1 -	3.50 +	0.35	9.97 ++	912.	52.	2.
1169	0000	-859	37.5432	81.3215	PPNR	0.5 -	1.5	4.5 -	3.00 +	0.34	8.85 +	997.	52.	2.
1170	0000	-858	37.5432	81.3208	PPNR	0.5 -	1.7	5.0	3.13 +	0.34	9.17 +	1102.	49.	3.
1171	0000	-860	37.5431	81.3203	PPNR	0.7	1.7	5.6	2.51	0.31	8.20 +	1224.	49.	4.
1172	0000	-864	37.5431	81.3197	PPNR	0.8	1.9	6.3	2.36	0.31	7.65	1362.	50.	5.
1173	0000	-866	37.5431	81.3191	PPNR	1.0	1.7	6.7	1.71	0.26	6.68	1465.	48.	6.

CP9 1P 12

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-863	37.5431	81.3186	PPNR	1.1	1.9	6.8	1.76	0.28	6.37	1527.	49.	7.
1175	0000	-857	37.5431	81.3180	PPNR	1.1	1.9	6.9	1.73	0.27	6.36	1573.	49.	7.
1176	0000	-853	37.5431	81.3174	PPNR	1.1	2.0	7.0	1.76	0.29	6.12	1596.	49.	7.
1177	0000	-855	37.5431	81.3168	PPNR	1.2 +	1.8	7.2	1.47	0.26	5.75	1610.	54.	7.
1178	0000	-854	37.5430	81.3162	PPNR	1.3 +	1.8	7.4 +	1.42	0.24	5.89	1598.	54.	6.
1179	0000	-853	37.5430	81.3156	PPNR	1.3 +	1.7	7.0	1.31 -	0.24	5.57	1562.	56.	5.
1180	0000	-854	37.5430	81.3150	PPNR	1.2	1.7	6.8	1.40	0.25	5.53	1537.	58.	5.
1181	0000	-851	37.5430	81.3144	PPNR	1.2	1.8	7.1	1.45	0.25	5.79	1546.	58.	4.
1182	0000	-853	37.5430	81.3139	PPNR	1.3 +	1.7	7.4 +	1.29 -	0.23	5.70	1567.	58.	3.
1183	0000	-859	37.5430	81.3133	PPNR	1.2	1.7	7.6 +	1.42	0.23	6.24	1542.	59.	2.
1184	0000	-857	37.5430	81.3127	PPNR	1.1	1.8	7.2	1.59	0.25	6.34	1478.	56.	1.
1185	0000	-857	37.5429	81.3121	PPNR	1.0	1.9	6.6	1.84	0.29	6.43	1387.	56.	1.
1186	0000	-856	37.5429	81.3116	PPNR	0.9	1.9	6.4	2.12	0.29	7.26	1296.	55.	1.
1187	0000	-854	37.5429	81.3109	PPNR	0.8	2.0	5.9	2.62 +	0.34	7.79	1190.	54.	1.
1188	0000	-858	37.5429	81.3103	PPNR	0.6	1.9	5.3	3.02 +	0.36	8.45 +	1093.	54.	1.
1189	0000	-858	37.5429	81.3098	PPNR	0.5 -	2.0	4.8	4.15 ++	0.42 +	9.83 ++	981.	55.	0.
1190	0000	-859	37.5429	81.3092	PPNR	0.4 -	2.0	4.2 -	4.59 ++	0.48 +	9.60 ++	916.	53.	0.
1191	0000	-862	37.5429	81.3085	PPNR	0.4 -	2.0	4.0 -	5.12 +++	0.49 +	10.36 ++	882.	55.	1.
1192	0000	-849	37.5428	81.3080	PPNR	0.4 -	1.8	3.9 -	4.82 ++	0.46 +	10.40 ++	871.	54.	1.
1193	0000	-849	37.5428	81.3074	PPNR	0.4 -	1.7	3.9 -	4.28 ++	0.43 +	9.89 ++	871.	53.	1.
1194	0000	-861	37.5428	81.3069	PPNR	0.4 -	1.5	3.8 -	3.50 +	0.40 +	8.75 +	890.	53.	3.
1195	0000	-853	37.5428	81.3062	PPNR	0.5 -	1.4	3.7 -	3.05 +	0.38 +	7.94 +	920.	54.	4.
1196	0000	-849	37.5428	81.3056	PPNR	0.5 -	1.4	3.9 -	2.78 +	0.37	7.56	977.	55.	4.
1197	0000	-859	37.5428	81.3051	PPNR	0.6 -	1.2	4.2 -	2.14	0.28	7.58	1022.	56.	4.
1198	0000	-856	37.5428	81.3045	PPNR	0.6 -	1.2	4.5 -	2.02	0.28	7.31	1079.	55.	4.
1199	0000	-850	37.5428	81.3039	PPNR	0.7	1.2	4.5 -	1.81	0.27	6.80	1137.	55.	4.
1200	0000	-851	37.5427	81.3033	PPNR	0.7	1.3	4.7	1.85	0.27	6.77	1164.	55.	4.
1201	0000	-848	37.5427	81.3028	PPNR	0.7	1.3	5.0	1.86	0.26	7.10	1178.	56.	3.
1202	0000	-847	37.5427	81.3022	PPNR	0.7	1.3	5.2	1.81	0.26	7.05	1173.	54.	2.
1203	0000	-848	37.5427	81.3015	PPNR	0.8	1.3	4.9	1.65	0.26	6.41	1157.	55.	2.
1204	0000	-848	37.5427	81.3010	PPNR	0.7	1.3	5.1	1.76	0.25	6.92	1144.	55.	2.
1205	0000	-854	37.5427	81.3004	PPNR	0.7	1.4	5.0	1.94	0.28	7.01	1140.	54.	2.
1206	0000	-857	37.5427	81.2998	PPNR	0.7	1.4	5.0	2.05	0.29	7.12	1139.	55.	2.
1207	0000	-854	37.5426	81.2992	PPNR	0.7	1.4	5.2	2.01	0.28	7.25	1169.	53.	3.
1208	0000	-854	37.5426	81.2986	PPNR	0.7	1.6	5.6	2.22	0.28	7.83	1182.	52.	3.
1209	0000	-852	37.5426	81.2981	PPNR	0.7	1.4	5.3	1.96	0.27	7.33	1180.	54.	4.
1210	0000	-851	37.5426	81.2975	PPNR	0.7	1.4	5.3	2.06	0.26	7.93 +	1154.	56.	5.
1211	0000	-849	37.5425	81.2969	PPNR	0.7	1.4	5.0	2.06	0.28	7.44	1114.	55.	6.
1212	0000	-843	37.5425	81.2963	PPNR	0.6	1.2	4.7	1.95	0.26	7.49	1059.	57.	7.
1213	0000	-842	37.5425	81.2957	PPNR	0.6 -	1.3	4.6 -	2.16	0.28	7.85	997.	57.	6.
1214	0000	-847	37.5425	81.2951	PPNR	0.5 -	1.2	4.0 -	2.38	0.30	7.84	924.	59.	6.
1215	0000	-849	37.5425	81.2945	PPNR	0.5 -	1.1 -	3.4 -	2.07	0.32	6.56	883.	60.	7.
1216	0000	-849	37.5425	81.2939	PPNR	0.5 -	1.2	3.3 -	2.49	0.35	7.01	846.	61.	7.
1217	0000	-849	37.5425	81.2934	PPNR	0.4 -	1.2	3.2 -	2.68 +	0.37	7.24	825.	60.	6.
1218	0000	-849	37.5424	81.2928	PPNR	0.5 -	1.1 -	2.9 --	2.16	0.37	5.89	825.	62.	7.
1219	0000	-851	37.5424	81.2922	PPNR	0.5 -	1.1 -	3.1 -	2.09	0.36	5.86	845.	61.	6.
1220	0000	-850	37.5424	81.2916	PPNR	0.6 -	1.2	3.0 --	2.15	0.41 +	5.18 -	893.	63.	6.
1221	0000	-847	37.5425	81.2910	PPNR	0.6 -	1.2	3.1 --	1.92	0.39 +	4.88 -	915.	63.	7.
1222	0000	-850	37.5424	81.2904	PPNR	0.6	1.1 -	3.2 -	1.68	0.34	4.97 -	935.	62.	6.
1223	0000	-853	37.5424	81.2898	PPNR	0.7	1.2 -	3.3 -	1.71	0.36	4.80 -	983.	62.	5.
1224	0000	-850	37.5424	81.2893	PPNR	0.8	1.4	3.4 -	1.82	0.41 +	4.44 --	1059.	60.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-846	37.5423	81.2887	PPNR	0.9	1.7	3.8 -	2.00	0.45 +	4.47 --	1142.	59.	3.
1226	0000	-852	37.5423	81.2881	PPNR	0.9	1.9	4.0 -	2.13	0.47 +	4.53 -	1219.	59.	3.
1227	0000	-852	37.5423	81.2875	PPNR	0.9	2.0	4.5 -	2.22	0.44 +	5.03 -	1245.	58.	2.
1228	0000	-843	37.5423	81.2869	PPNR	0.9	2.2	4.7	2.43	0.47 +	5.19 -	1286.	58.	1.
1229	0000	-844	37.5423	81.2863	PPNR	0.9	2.3 +	4.8	2.53	0.48 +	5.28 -	1307.	56.	1.
1230	0000	-851	37.5423	81.2857	PPNR	0.9	2.3 +	4.8	2.61 +	0.48 +	5.40 -	1303.	53.	0.
1231	0000	-849	37.5423	81.2851	PPNR	0.8	2.2	4.8	2.71 +	0.46 +	5.84	1261.	55.	0.
1232	0000	-844	37.5422	81.2846	PPNR	0.7	2.2	4.6	3.05 +	0.47 +	6.49	1188.	54.	0.
1233	0000	-844	37.5422	81.2840	PPNR	0.7	1.8	4.6	2.62 +	0.38 +	6.92	1092.	53.	0.
1234	0000	-846	37.5422	81.2834	PPNR	0.6	1.6	4.3 -	2.44	0.36	6.72	1010.	52.	0.
1235	0000	-844	37.5422	81.2828	PPNR	0.5 -	1.2	4.0 -	2.02	0.31	6.62	942.	52.	0.
1236	0000	-845	37.5422	81.2823	PPNR	0. -	1.3	3.5 -	2.40	0.37 +	6.41	900.	55.	0.
1237	0000	-848	37.5422	81.2816	PPNR	0.5 -	1.3	3.4 -	2.55	0.39 +	6.52	888.	55.	1.
1238	0000	-842	37.5422	81.2810	PPNR	0.6 -	1.2 -	3.7 -	2.09	0.32	6.63	898.	53.	1.
1239	0000	-841	37.5422	81.2804	PPNR	0.6 -	1.1 -	3.7 -	1.96	0.31	6.30	920.	55.	1.
1240	0000	-846	37.5421	81.2799	PPNR	0.6 -	1.3	3.4 -	2.21	0.38 +	5.87	937.	56.	2.
1241	0000	-840	37.5421	81.2793	PPNR	0.6 -	1.1 -	3.4 -	1.81	0.33	5.46	1002.	57.	3.
1242	0000	-836	37.5421	81.2787	PPNR	0.7	1.4	3.6 -	1.98	0.37	5.30 -	1070.	57.	3.
1243	0000	-840	37.5421	81.2781	PPNR	0.8	1.3	4.2 -	1.66	0.30	5.51	1119.	58.	3.
1244	0000	-839	37.5421	81.2776	PPNR	0.8	1.4	4.5 -	1.76	0.31	5.64	1165.	57.	3.
1245	0000	-839	37.5421	81.2769	PPNR	0.9	1.7	4.7	1.90	0.35	5.42	1218.	57.	2.
1246	0000	-844	37.5421	81.2763	PPNR	0.9	1.9	5.4	2.04	0.35	5.79	1289.	55.	2.
1247	0000	-843	37.5420	81.2758	PPNR	1.0	2.2	5.6	2.12	0.39 +	5.50	1361.	55.	2.
1248	0000	-840	37.5420	81.2752	PPNR	1.0	2.4 +	5.8	2.36	0.41 +	5.71	1377.	53.	2.
1249	0000	-839	37.5420	81.2746	PPNR	1.0	2.4 +	5.7	2.40	0.42 +	5.75	1386.	52.	3.
1250	0000	-838	37.5420	81.2740	PPP	1.0	2.5 +	5.8	2.61 +	0.43 +	6.04	1397.	51.	3.
1251	0000	-835	37.5420	81.2734	PPP	0.9	2.4 +	5.7	2.58 +	0.42 +	6.14	1379.	52.	4.
1252	0000	-831	37.5420	81.2729	PPP	0.9	2.3	5.3	2.70 +	0.43 +	6.24	1337.	55.	4.
1253	0000	-832	37.5420	81.2722	PPP	0.8	2.0	4.9 -	2.64 +	0.41 +	6.41	1268.	56.	5.
1254	0000	-834	37.5419	81.2716	PPP	0.7	1.9	4.6 -	2.70 +	0.42 +	6.45	1224.	57.	6.
1255	0000	-831	37.5419	81.2711	PPP	0.7	1.8	4.7 -	2.51 +	0.38 +	6.61	1205.	59.	7.
1256	0000	-835	37.5419	81.2705	PPP	0.7	1.9	4.7 -	2.76 +	0.39 +	7.01	1190.	60.	6.
1257	0000	-842	37.5419	81.2699	PPP	0.7 -	1.9	4.4 -	2.80 +	0.43 +	6.55	1178.	59.	7.
1258	0000	-835	37.5419	81.2693	PPP	0.7	1.7	4.4 -	2.44	0.39 +	6.21	1172.	58.	8.
1259	0000	-833	37.5419	81.2688	PPP	0.8	1.7	5.2	2.08	0.32	6.48	1212.	58.	7.
1260	0000	-840	37.5419	81.2682	PPP	0.9	1.7	5.6	1.99	0.31	6.48	1266.	56.	7.
1261	0000	-837	37.5419	81.2676	PPP	0.9	1.8	6.0	2.04	0.30	6.79	1304.	55.	6.
1262	0000	-836	37.5418	81.2670	PPP	0.9	1.8	6.3	1.99	0.29	6.76	1340.	54.	5.
1263	0000	-841	37.5418	81.2663	PPP	1.0	1.9	6.4	1.91	0.30	6.41	1384.	53.	6.
1264	0000	-836	37.5418	81.2657	PPP	1.0	1.8	7.1	1.71	0.25	6.79	1450.	52.	6.
1265	0000	-835	37.5418	81.2651	PPP	1.1	1.8	7.4	1.67	0.24	6.99	1501.	50.	6.
1266	0000	-837	37.5418	81.2644	PPP	1.0	1.8	7.1	1.72	0.25	6.91	1511.	51.	6.
1267	0000	-831	37.5418	81.2639	PPP	1.0	1.7	6.7	1.70	0.26	6.46	1495.	54.	7.
1268	0000	-831	37.5418	81.2632	PPP	1.0	1.7	6.8	1.66	0.25	6.79	1476.	52.	7.
1269	0000	-833	37.5418	81.2625	PPP	1.0	1.7	6.3	1.75	0.27	6.54	1440.	52.	7.
1270	0000	-831	37.5418	81.2620	PPP	0.9	1.4	6.3	1.62	0.22	7.21	1389.	52.	7.
1271	0000	-832	37.5418	81.2614	PPP	0.9	1.3	6.1	1.54	0.22	7.04	1327.	53.	6.
1272	0000	-834	37.5418	81.2607	PPP	0.9	1.5	5.7	1.79	0.27	6.69	1287.	55.	5.
1273	0000	-830	37.5418	81.2601	PPP	0.8	1.7	5.2	2.00	0.32	6.24	1247.	52.	4.
1274	0000	-824	37.5417	81.2594	PPP	0.8	1.7	5.1	2.14	0.33	6.42	1224.	51.	3.
1275	0000	-823	37.5417	81.2588	PPP	0.8	1.7	5.1	2.10	0.34	6.24	1222.	52.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-830	37.5417	81.2582	PPP	0.8	1.8	5.7	2.27	0.31	7.21	1210.	52.	1.
1277	0000	-828	37.5417	81.2576	PPP	0.8	1.8	5.5	2.19	0.32	6.79	1197.	52.	1.
1278	0000	-825	37.5417	81.2569	PPP	0.8	1.9	5.2	2.56 +	0.37 +	6.88	1165.	52.	1.
1279	0000	-829	37.5417	81.2563	PPP	0.7	1.8	5.3	2.73 +	0.35	7.83	1130.	51.	1.
1280	0000	-829	37.5417	81.2557	PPP	0.6 -	1.9	5.3	2.95 +	0.35	8.35 +	1100.	52.	2.
1281	0000	-827	37.5417	81.2551	PPP	0.6 -	1.8	5.3	2.75 +	0.33	8.32 +	1082.	52.	2.
1282	0000	-829	37.5417	81.2545	PPP	0.6 -	1.7	4.7 -	2.75 +	0.35	7.78	1049.	54.	2.
1283	0000	-830	37.5417	81.2538	PPNR	0.6 -	1.7	4.3 -	2.94 +	0.40 +	7.29	1051.	52.	2.
1284	0000	-833	37.5417	81.2532	PPNR	0.6 -	1.9	4.4 -	3.25 +	0.43 +	7.50	1072.	51.	3.
1285	0000	-837	37.5417	81.2526	PPNR	0.6 -	1.9	4.4 -	3.08 +	0.44 +	7.05	1101.	49.	2.
1286	0000	-839	37.5417	81.2519	PPNR	0.7	1.7	4.4 -	2.56 +	0.39 +	6.51	1125.	49.	3.
1287	0000	-835	37.5416	81.2513	PPNR	0.7	1.5	4.5 -	2.13	0.33	6.38	1144.	51.	3.
1288	0000	-830	37.5416	81.2507	PPNR	0.7	1.6	4.6	2.39	0.36	6.68	1172.	50.	3.
1289	0000	-828	37.5416	81.2501	PPNR	0.7	1.7	4.8	2.51	0.36	7.02	1195.	50.	3.
1290	0000	-825	37.5416	81.2495	PPNR	0.8	1.6	4.9	2.04	0.31	6.49	1227.	52.	4.
1291	0000	-825	37.5416	81.2488	PPNR	0.8	1.5	5.1	1.81	0.29	6.36	1242.	53.	4.
1292	0000	-832	37.5416	81.2482	PPNR	0.8	1.4	5.4	1.73	0.26	6.61	1269.	55.	4.
1293	0000	-834	37.5416	81.2476	PPNR	0.9	1.5	5.8	1.68	0.25	6.65	1314.	55.	4.
1294	0000	-832	37.5416	81.2470	PPNR	0.9	1.6	5.9	1.71	0.26	6.51	1346.	56.	4.
1295	0000	-833	37.5416	81.2463	PPNR	1.0	1.4	6.2	1.42	0.22	6.52	1369.	57.	4.
1296	0000	-835	37.5416	81.2457	PPNR	1.0	1.2	6.2	1.21 -	0.20 -	6.20	1401.	57.	4.
1297	0000	-837	37.5416	81.2451	PPNR	1.0	1.3	6.4	1.27 -	0.20 -	6.38	1408.	58.	4.
1298	0000	-833	37.5416	81.2445	PPNR	1.0	1.5	6.0	1.48	0.25	5.94	1413.	59.	3.
1299	0000	-827	37.5415	81.2439	PPNR	1.0	1.5	5.8	1.52	0.27	5.69	1398.	60.	2.
1300	0000	-834	37.5415	81.2432	PPNR	1.0	1.6	5.4	1.62	0.29	5.49	1365.	61.	2.
1301	0000	-837	37.5415	81.2426	PPNR	0.9	1.6	5.5	1.66	0.29	5.80	1339.	59.	1.
1302	0000	-831	37.5415	81.2420	PPNR	1.0	1.7	5.3	1.79	0.32	5.57	1334.	58.	1.
1303	0000	-832	37.5415	81.2413	PPNR	1.0	1.9	5.6	1.91	0.33	5.83	1331.	59.	0.
1304	0000	-831	37.5415	81.2407	PPNR	0.9	1.9	5.4	2.08	0.36	5.85	1328.	59.	0.
1305	0000	-827	37.5415	81.2401	PPNR	1.0	1.7	5.8	1.73	0.29	6.04	1334.	58.	0.
1306	0000	-833	37.5415	81.2394	PPNR	1.0	1.6	6.0	1.58	0.26	6.01	1378.	59.	0.
1307	0000	-836	37.5415	81.2388	PPNR	1.0	1.6	6.4	1.55	0.25	6.27	1430.	56.	2.
1308	0000	-831	37.5415	81.2382	PPNR	1.1	1.7	6.4	1.53	0.27	5.78	1493.	57.	3.
1309	0000	-834	37.5415	81.2376	PPNR	1.1	1.7	6.3	1.47	0.26	5.61	1520.	59.	4.
1310	0000	-835	37.5415	81.2369	PPNR	1.2	1.3	6.5	1.12 -	0.20 -	5.50	1538.	59.	6.
1311	0000	-831	37.5415	81.2364	PPNR	1.3 +	1.3	6.6	1.01 -	0.19 -	5.23 -	1560.	59.	8.
1312	0000	-831	37.5414	81.2357	PPNR	1.3 +	1.1 -	6.8	0.90 --	0.16 -	5.47	1579.	59.	9.
1313	0000	-830	37.5414	81.2351	PPNR	1.2	1.1 -	6.7	0.88 --	0.16 -	5.45	1569.	57.	11.
1314	0000	-830	37.5414	81.2345	PPNR	1.2	1.0 -	6.2	0.83 --	0.16 -	5.17 -	1535.	59.	12.
1315	0000	-833	37.5414	81.2338	PPNR	1.1	1.0 -	6.4	0.92 --	0.16 -	5.68	1522.	60.	11.
1316	0000	-831	37.5414	81.2332	PPNR	1.1	1.1 -	6.7	1.03 -	0.17 -	6.06	1521.	61.	11.
1317	0000	-830	37.5414	81.2326	PPNR	1.0	1.6	6.7	1.53	0.23	6.59	1525.	60.	9.
1318	0000	-834	37.5414	81.2320	PPNR	1.0	1.6	6.8	1.61	0.24	6.71	1526.	61.	8.
1319	0000	-835	37.5414	81.2314	PPNR	1.0	1.7	6.8	1.63	0.25	6.53	1522.	61.	8.
1320	0000	-836	37.5414	81.2307	PPNR	1.0	1.7	6.7	1.68	0.25	6.78	1487.	65.	8.
1321	0000	-836	37.5414	81.2301	PPNR	0.9	1.7	6.4	1.87	0.27	6.93	1440.	64.	8.
1322	0000	-832	37.5414	81.2295	PPNR	0.9	1.6	6.0	1.80	0.27	6.72	1358.	63.	8.
1323	0000	-835	37.5414	81.2289	PPNR	0.8	1.4	5.4	1.71	0.26	6.51	1264.	62.	9.
1324	0000	-835	37.5413	81.2282	PPNR	0.8	1.3	4.8	1.65	0.27	6.19	1174.	61.	10.
1325	0000	-831	37.5413	81.2276	PPNR	0.7	1.3	4.3 -	1.84	0.29	6.28	1108.	60.	11.
1326	0000	-829	37.5413	81.2270	PPNR	0.6 -	1.3	3.9 -	2.19	0.34	6.36	1063.	61.	12.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292 PAGE 385

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-830	37.5413	81.2263	PPNR	0.5 -	1.5	3.8 -	2.75 +	0.40 +	6.95	1078.	58.	12.
1328	0000	-832	37.5413	81.2258	PPNR	0.6 -	1.6	4.1 -	2.68 +	0.39 +	6.95	1115.	58.	12.
1329	0000	-832	37.5413	81.2251	PPNR	0.6 -	1.6	4.5 -	2.61 +	0.37	7.14	1174.	57.	12.
1330	0000	-827	37.5413	81.2245	PPNR	0.7	1.7	4.8	2.52	0.34	7.37	1211.	58.	12.
1331	0000	-828	37.5413	81.2239	PPNR	0.7	1.5	5.0	2.15	0.29	7.32	1228.	60.	13.
1332	0000	-833	37.5413	81.2232	PPNR	0.7	1.4	5.2	2.16	0.28	7.85	1222.	58.	13.
1333	0000	-830	37.5413	81.2226	PPNR	0.6	1.4	5.1	2.11	0.27	7.84	1205.	56.	13.
1334	0000	-829	37.5413	81.2220	PPNR	0.7	1.1 -	5.0	1.60	0.21 -	7.61	1161.	55.	14.
1335	0000	-832	37.5413	81.2214	PPNR	0.7	0.8 -	5.1	1.23 -	0.16 -	7.65	1136.	56.	14.
1336	0000	-832	37.5413	81.2207	PPNR	0.6	0.8 -	5.0	1.24 -	0.16 --	7.85	1124.	54.	14.
1337	0000	-833	37.5412	81.2202	PPNR	0.6	0.7 -	5.3	1.15 -	0.14 --	8.23 +	1153.	52.	13.
1338	0000	-833	37.5412	81.2195	PPNR	0.7	0.8 -	5.6	1.09 -	0.14 --	7.90	1214.	52.	13.
1339	0000	-831	37.5412	81.2188	PPNR	0.8	0.9 -	6.2	1.19 -	0.15 --	8.05 +	1304.	53.	12.
1340	0000	-833	37.5412	81.2182	PPNR	0.8	1.1 -	6.7	1.31 -	0.16 -	7.97 +	1391.	55.	11.
1341	0000	-836	37.5412	81.2176	PPNR	0.9	1.3	7.2	1.36	0.18 -	7.69	1484.	57.	10.
1342	0000	-836	37.5412	81.2170	PPNR	1.0	1.6	7.5 +	1.59	0.22	7.35	1579.	57.	8.
1343	0000	-834	37.5412	81.2164	PPNR	1.1	1.8	7.5 +	1.57	0.24	6.56	1649.	59.	7.
1344	0000	-836	37.5412	81.2157	PPNR	1.2	1.9	7.4	1.54	0.25	6.08	1686.	60.	5.
1345	0000	-837	37.5412	81.2151	PPNR	1.2	2.0	7.4 +	1.67	0.27	6.13	1705.	59.	4.
1346	0000	-837	37.5412	81.2145	PPNR	1.3 +	2.1	7.3	1.66	0.29	5.81	1711.	61.	2.
1347	0000	-839	37.5412	81.2139	PPNR	1.2	2.2	7.3	1.75	0.30	5.90	1709.	60.	1.
1348	0000	-835	37.5412	81.2133	PPNR	1.2 +	2.4 +	6.9	1.94	0.35	5.54	1689.	60.	1.
1349	0000	-834	37.5411	81.2126	PPNR	1.2 +	2.3 +	6.8	1.83	0.34	5.46	1682.	60.	0.
1350	0000	-839	37.5411	81.2120	PPNR	1.2	2.2	7.0	1.80	0.31	5.74	1679.	62.	0.
1351	0000	-838	37.5411	81.2114	PPNR	1.2	2.4 +	7.0	1.92	0.34	5.67	1687.	63.	0.
1352	0000	-834	37.5411	81.2107	PPNR	1.2	2.5 +	7.0	2.07	0.36	5.68	1706.	62.	0.
1353	0000	-839	37.5411	81.2101	PPNR	1.2	2.4 +	7.1	1.95	0.34	5.80	1706.	62.	0.
1354	0000	-841	37.5411	81.2095	PPNR	1.3 +	2.3 +	7.4 +	1.84	0.31	5.94	1731.	62.	0.
1355	0000	-836	37.5411	81.2089	PPNR	1.2 +	2.2	7.8 +	1.77	0.28	6.24	1763.	60.	0.
1356	0000	-836	37.5411	81.2082	PPNR	1.2 +	2.1	7.9 +	1.68	0.27	6.32	1769.	62.	2.
1357	0000	-840	37.5411	81.2076	PPNR	1.2	2.0	7.9 +	1.62	0.25	6.48	1765.	62.	3.
1358	0000	-838	37.5411	81.2070	PPNR	1.2	2.0	8.1 +	1.76	0.25	7.04	1773.	59.	5.
1359	0000	-834	37.5411	81.2063	PPNR	1.1	1.8	8.3 +	1.57	0.21	7.36	1737.	63.	6.
1360	0000	-835	37.5411	81.2058	PPNR	1.1	1.7	8.0 +	1.54	0.21 -	7.41	1691.	63.	8.
1361	0000	-836	37.5411	81.2051	PPNR	1.0	1.6	7.5 +	1.55	0.21 -	7.42	1597.	64.	10.
1362	0000	-836	37.5410	81.2045	PPNR	0.9	1.4	6.8	1.56	0.21 -	7.57	1491.	66.	12.
1363	0000	-839	37.5410	81.2039	PPNR	0.7	1.3	6.4	1.71	0.20 -	8.64 +	1375.	66.	13.
1364	0000	-835	37.5410	81.2033	PPNR	0.6	1.2	6.1	1.82	0.19 -	9.35 +	1268.	65.	13.
1365	0000	-836	37.5410	81.2026	PPNR	0.6 -	1.0 -	5.5	1.67	0.18 -	9.21 +	1157.	66.	14.
1366	0000	-842	37.5410	81.2020	PPNR	0.5 -	1.0 -	4.6	1.80	0.21	8.42 +	1061.	62.	14.
1367	0000	-837	37.5410	81.2014	PPNR	0.5 -	0.8 -	4.2 -	1.70	0.20 -	8.52 +	981.	63.	14.
1368	0000	-836	37.5410	81.2007	PPNR	0.4 -	0.8 -	4.0 -	1.95	0.21 -	9.24 +	936.	59.	13.
1369	0000	-847	37.5410	81.2002	PPNR	0.4 -	0.8 -	4.2 -	1.92	0.18 -	10.40 ++	912.	58.	13.
1370	0000	-846	37.5410	81.1995	PPNR	0.4 -	0.7 -	4.1 -	1.67	0.18 -	9.42 +	906.	56.	12.
1371	0000	-837	37.5410	81.1989	PPNR	0.4 -	0.8 -	4.0 -	1.87	0.20 -	9.35 +	897.	56.	12.
1372	0000	-840	37.5410	81.1983	PPNR	0.5 -	0.8 -	4.2 -	1.72	0.19 -	9.10 +	919.	57.	11.
1373	0000	-842	37.5410	81.1976	PPNR	0.5 -	0.8 -	4.7	1.82	0.18 -	10.39 ++	956.	58.	11.
1374	0000	-840	37.5410	81.1970	PPNR	0.5 -	0.9 -	5.0	1.93	0.19 -	10.41 ++	1003.	58.	11.
1375	0000	-842	37.5410	81.1964	PPNR	0.5 -	1.0 -	4.9	2.02	0.21	9.47 +	1036.	58.	10.
1376	0000	-842	37.5410	81.1957	PPNR	0.6 -	1.2	4.9	2.09	0.24	8.65 +	1063.	59.	10.
1377	0000	-841	37.5411	81.1951	PPNR	0.5 -	1.3	5.0	2.58 +	0.28	9.32 +	1084.	62.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-845	37.5411	81.1945	PPNR	0.5 -	1.6	5.0	3.00 +	0.31	9.64 ++	1102.	62.	9.
1379	0000	-849	37.5412	81.1939	PPNR	0.5 -	1.7	4.8	3.40 +	0.35	9.63 ++	1100.	62.	8.
1380	0000	-847	37.5412	81.1932	PPNR	0.5 -	1.7	4.6	3.35 +	0.37	9.14 +	1101.	63.	8.
1381	0000	-845	37.5413	81.1927	PPNR	0.5 -	1.8	4.5 -	3.28 +	0.39 +	8.43 +	1100.	61.	7.
1382	0000	-848	37.5413	81.1920	PPNR	0.5 -	1.8	4.6	3.38 +	0.39 +	8.73 +	1102.	60.	7.
1383	0000	-849	37.5413	81.1914	PPNR	0.5 -	1.7	4.4 -	3.34 +	0.39 +	8.62 +	1098.	61.	7.
1384	0000	-847	37.5414	81.1907	PPNR	0.5 -	1.6	4.0 -	3.04 +	0.40 +	7.61	1082.	61.	7.
1385	0000	-851	37.5414	81.1901	PPNR	0.6 -	1.5	4.0 -	2.64 +	0.36	7.25	1068.	61.	8.
1386	0000	-855	37.5414	81.1894	PPNR	0.5 -	1.2	3.9 -	2.29	0.32	7.18	1046.	61.	9.
1387	0000	-854	37.5415	81.1888	PPNR	0.5 -	1.2	3.7 -	2.32	0.33	7.07	1021.	58.	9.
1388	0000	-848	37.5415	81.1882	PPNR	0.5 -	1.0 -	3.9 -	2.08	0.25	8.42 +	994.	60.	10.
1389	0000	-847	37.5415	81.1876	PPNR	0.5 -	0.8 -	3.6 -	1.76	0.22	8.03 +	973.	61.	11.
1390	0000	-850	37.5416	81.1869	PPNR	0.5 -	0.9 -	3.9 -	1.89	0.23	8.19 +	981.	60.	11.
1391	0000	-850	37.5417	81.1864	PPNR	0.5 -	1.0 -	4.3 -	1.85	0.23	8.08 +	1017.	56.	11.
1392	0000	-849	37.5417	81.1857	PPNR	0.6 -	0.8 -	4.5 -	1.35	0.18 -	7.65	1067.	54.	12.
1393	0000	-853	37.5417	81.1851	PPP	0.7 -	0.7 --	5.2	1.05 -	0.13 --	7.81	1134.	53.	12.
1394	0000	-853	37.5418	81.1844	PPP	0.8	0.8 -	5.7	1.08 -	0.14 --	7.49	1216.	53.	12.
1395	0000	-849	37.5419	81.1838	PPP	0.8	1.3 -	5.7	1.56	0.22	7.13	1289.	54.	13.
1396	0000	-850	37.5419	81.1832	PPP	0.9	1.5	6.1	1.72	0.25	6.97	1351.	54.	11.
1397	0000	-855	37.5419	81.1825	PPP	0.9	1.5	6.2	1.71	0.25	6.89	1391.	54.	11.
1398	0000	-855	37.5420	81.1820	PPP	0.9	1.7	6.3	1.98	0.27	7.33	1401.	55.	10.
1399	0000	-853	37.5420	81.1813	PPP	0.9	1.8	6.4	2.08	0.28	7.32	1414.	55.	9.
1400	0000	-851	37.5421	81.1806	PPP	0.8	2.1	6.1	2.60 +	0.35	7.44	1391.	57.	7.
1401	0000	-852	37.5421	81.1801	PPP	0.7	2.3	5.8	3.04 +	0.39 +	7.76	1349.	58.	6.
1402	0000	-854	37.5421	81.1794	PPP	0.7	2.2	6.1	3.00 +	0.36 +	8.27 +	1343.	56.	4.
1403	0000	-855	37.5422	81.1788	PPP	0.7	2.0	6.0	2.83 +	0.34	8.28 +	1342.	55.	4.
1404	0000	-855	37.5422	81.1781	PPP	0.7	2.0	5.9	2.78 +	0.34	8.18 +	1347.	57.	4.
1405	0000	-853	37.5423	81.1776	PPP	0.8	2.1	5.8	2.76 +	0.36 +	7.59	1374.	57.	4.
1406	0000	-853	37.5423	81.1769	PPP	0.7	2.0	5.5	2.90 +	0.37 +	7.82	1349.	60.	5.
1407	0000	-856	37.5424	81.1763	PPP	0.7	1.9	5.7	2.73 +	0.34	8.03 +	1353.	59.	5.
1408	0000	-855	37.5424	81.1757	PPP	0.7	1.9	5.7	2.65 +	0.33	7.93 +	1353.	62.	5.
1409	0000	-854	37.5424	81.1750	PPP	0.8	1.8	5.3	2.25	0.34	6.69	1340.	64.	7.
1410	0000	-858	37.5425	81.1744	PPP	0.8	1.9	5.3	2.49 +	0.36 +	6.90	1344.	63.	8.
1411	0000	-859	37.5425	81.1738	PPP	0.8	1.9	5.3	2.47	0.35	7.04	1334.	62.	9.
1412	0000	-856	37.5425	81.1732	PPP	0.7	1.7	5.7	2.31	0.30	7.73	1306.	61.	9.
1413	0000	-860	37.5426	81.1725	PPP	0.7	1.7	6.0	2.29	0.28	8.04 +	1322.	56.	9.
1414	0000	-865	37.5427	81.1719	PPP	0.8	1.7	5.3	2.25	0.32	7.01	1326.	55.	10.
1415	0000	-864	37.5427	81.1713	PPP	0.8	1.5	5.3	1.94	0.28	6.87	1337.	52.	11.
1416	0000	-861	37.5427	81.1707	PPP	0.7	1.5	5.3	2.19	0.29	7.58	1306.	48.	11.
1417	0000	-860	37.5428	81.1700	PPP	0.7	1.3	5.3	1.89	0.25	7.62	1250.	50.	10.
1418	0000	-862	37.5428	81.1694	PPP	0.7 -	1.3	5.4	2.00	0.24	8.24 +	1213.	48.	9.
1419	0000	-861	37.5428	81.1688	PPP	0.7 -	1.3 -	5.3	1.92	0.24	8.03 +	1201.	48.	8.
1420	0000	-862	37.5429	81.1681	PPP	0.6 -	1.3 -	5.1	2.10	0.25	8.40 +	1165.	51.	7.
1421	0000	-865	37.5430	81.1675	PPP	0.6 -	1.2 -	5.5	2.00	0.22	9.17 +	1139.	50.	6.
1422	0000	-862	37.5430	81.1669	PPP	0.6 -	1.3 -	5.7	2.20	0.22	9.83 ++	1116.	50.	5.
1423	0000	-860	37.5430	81.1662	PPP	0.6 -	1.1 -	5.6	1.86	0.20 -	9.49 +	1103.	52.	4.
1424	0000	-865	37.5431	81.1656	PPP	0.6 -	1.2 -	5.7	1.96	0.21 -	9.55 +	1108.	49.	4.
1425	0000	-863	37.5431	81.1650	PPP	0.6 -	1.3	5.4	2.24	0.24	9.28 +	1122.	51.	4.
1426	0000	-862	37.5432	81.1644	PPP	0.6 -	1.3 -	5.3	2.03	0.24	8.40 +	1139.	49.	4.
1427	0000	-866	37.5432	81.1637	PPP	0.7	1.2 -	5.2	1.71	0.23	7.54	1174.	48.	4.
1428	0000	-865	37.5432	81.1632	PPP	0.7	1.2 -	5.2	1.71	0.23	7.29	1209.	48.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292 —

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-867	37.5433	81.1625		PPP	0.8	1.1 -	5.3	1.49	0.21 -	7.01	1227.	52.	6.
1430	0000	-869	37.5434	81.1618		PPP	0.7	1.3	5.4	1.77	0.25	7.17	1260.	49.	7.
1431	0000	-869	37.5434	81.1612		PPP	0.8	1.4	5.5	1.73	0.25	6.85	1302.	51.	7.
1432	0000	-869	37.5434	81.1606		PPP	0.9	1.2 -	5.5	1.37	0.22	6.27	1325.	53.	8.
1433	0000	-869	37.5435	81.1599		PPP	0.9	1.1 -	5.5	1.34	0.21 -	6.46	1308.	56.	9.
1434	0000	-871	37.5435	81.1593		PPP	0.9	1.3	5.3	1.53	0.24	6.25	1290.	53.	9.
1435	0000	-875	37.5435	81.1587		PPP	0.8	1.3 -	5.5	1.55	0.23	6.72	1279.	54.	10.
1436	0000	-875	37.5436	81.1581		PPP	0.9	1.2 -	5.5	1.46	0.23	6.40	1284.	53.	11.
1437	0000	-873	37.5437	81.1574		PPP	0.9	1.0 -	5.6	1.14 -	0.18 -	6.39	1292.	55.	12.
1438	0000	-873	37.5437	81.1569		PPP	0.9	0.7 --	5.7	0.78 --	0.12 ---	6.57	1303.	54.	14.
1439	0000	-872	37.5437	81.1562		PPP	0.8	0.8 -	6.0	1.01 -	0.14 --	7.37	1313.	54.	14.
1440	0000	-872	37.5438	81.1555		PPP	0.8	1.1 -	6.1	1.41	0.18 -	7.68	1355.	53.	13.
1441	0000	-873	37.5438	81.1549		PPP	0.8	1.1 -	6.4	1.34	0.17 -	7.84	1395.	54.	14.
1442	0000	-877	37.5438	81.1544		MBP	0.9	1.4	6.3	1.67	0.23	7.32	1441.	53.	13.
1443	0000	-880	37.5439	81.1537		MBP	0.8	1.5	6.5	1.78	0.23	7.81	1468.	51.	12.
1444	0000	-877	37.5440	81.1530		MBP	0.8	1.8	6.5	2.19	0.27	8.01	1480.	50.	12.
1445	0000	-878	37.5440	81.1524		MBP	0.8	1.8	6.8	2.34	0.26	8.84	1485.	50.	12.
1446	0000	-880	37.5440	81.1518		MBP	0.8	1.8	6.7	2.32	0.26	8.76	1480.	49.	12.
1447	0000	-880	37.5441	81.1511		MBP	0.8	1.6	6.4	1.96	0.24	8.11	1444.	50.	12.
1448	0000	-879	37.5441	81.1506		MBP	0.8	1.4	6.1	1.86	0.23	8.02	1385.	50.	13.
1449	0000	-878	37.5441	81.1499		MBP	0.8	1.0 -	5.9	1.34 -	0.17 -	7.76	1303.	53.	14.
1450	0000	-879	37.5442	81.1493		MBP	0.7	0.9 -	5.4	1.30 -	0.17 -	7.47	1252.	50.	14.
1451	0000	-879	37.5442	81.1486		MBP	0.8	0.8 -	5.0	1.08 --	0.17 -	6.55 -	1220.	51.	14.
1452	0000	-881	37.5443	81.1481		MBP	0.8	1.1 -	4.6 -	1.38 -	0.23	6.00 -	1165.	53.	13.
1453	0000	-884	37.5443	81.1474		MBP	0.8	1.1 -	4.1 -	1.33 -	0.26	5.15 --	1121.	53.	13.
1454	0000	-882	37.5444	81.1468		PPP	0.7	1.2 -	4.1 -	1.58	0.29	5.43	1084.	53.	12.
1455	0000	-883	37.5444	81.1462		PPP	0.7	1.4	3.9 -	1.90	0.34	5.51	1052.	54.	9.
1456	0000	-884	37.5445	81.1455		PPP	0.7 -	1.3 -	4.0 -	1.96	0.32	6.07	1027.	55.	8.
1457	0000	-882	37.5445	81.1449		PPP	0.7 -	1.4	3.8 -	2.04	0.36 +	5.67	1006.	58.	7.
1458	0000	-884	37.5445	81.1443		PPP	0.7 -	1.4	4.3 -	2.10	0.32	6.54	1015.	56.	5.
1459	0000	-883	37.5446	81.1437		PPP	0.7	1.5	4.3 -	2.25	0.36 +	6.30	1063.	53.	4.
1460	0000	-883	37.5447	81.1430		PPP	0.7	1.6	4.9 -	2.40	0.33	7.25	1106.	55.	4.
1461	0000	-888	37.5447	81.1423		PPP	0.7	1.6	5.3	2.22	0.30	7.44	1157.	58.	4.
1462	0000	-886	37.5447	81.1418		PPP	0.7	1.5	5.7	2.08	0.27	7.63	1223.	56.	5.
1463	0000	-887	37.5448	81.1411		PPP	0.7	1.7	5.7	2.31	0.30	7.62	1281.	55.	6.
1464	0000	-892	37.5448	81.1405		PPP	0.8	1.8	5.9	2.38	0.31	7.73	1320.	56.	7.
1465	0000	-891	37.5448	81.1399		PPP	0.8	1.7	5.9	2.28	0.30	7.72	1323.	56.	8.
1466	0000	-890	37.5449	81.1393		PPP	0.7	1.7	5.6	2.26	0.30	7.59	1289.	57.	8.
1467	0000	-890	37.5449	81.1386		PPP	0.7	1.5	5.1	2.05	0.30	6.94	1258.	55.	9.
1468	0000	-887	37.5449	81.1380		PPP	0.7	1.4	5.1	1.95	0.28	6.95	1224.	53.	8.
1469	0000	-889	37.5450	81.1374		PPP	0.7	1.4	5.0	1.83	0.27	6.76	1189.	54.	8.
1470	0000	-895	37.5451	81.1367		PPP	0.8	1.4	5.3	1.88	0.27	7.01	1187.	52.	7.
1471	0000	-892	37.5451	81.1360		MBP	0.8	1.3	5.5	1.69	0.23	7.27	1187.	49.	5.
1472	0000	-890	37.5451	81.1355		MBP	0.7	1.7	5.2	2.43	0.32	7.50	1184.	51.	4.
1473	0000	-894	37.5452	81.1349		MBP	0.7	1.7	5.2	2.52	0.32	7.79	1173.	53.	3.
1474	0000	-894	37.5452	81.1342		MBP	0.6	1.9	5.6	2.96	0.33	8.90	1192.	51.	3.
1475	0000	-894	37.5453	81.1337		MBP	0.6	2.0	5.4	3.28	0.37 +	8.91	1203.	53.	2.
1476	0000	-896	37.5453	81.1330		MBP	0.6	2.1 +	5.3	3.53 +	0.41 +	8.67	1215.	54.	2.
1477	0000	-894	37.5453	81.1324		MBP	0.6	2.0	4.9 -	3.08	0.40 +	7.72	1195.	54.	3.
1478	0000	-893	37.5454	81.1317		MBP	0.6	2.0	4.6 -	3.47 +	0.44 +	7.89	1165.	56.	4.
1479	0000	-895	37.5454	81.1311		MBP	0.6	1.7	4.9 -	2.71	0.34	7.95	1146.	56.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-896	37.5455	81.1304	MBP	0.6	1.6	5.0	2.52	0.31	8.04	1140.	57.	7.
1481	0000	-896	37.5455	81.1298	MBP	0.6	1.3	5.0	2.16	0.27	8.09	1117.	58.	8.
1482	0000	-895	37.5456	81.1292	MBP	0.6	1.2	4.9 -	2.03	0.25	8.11	1113.	59.	10.
1483	0000	-895	37.5456	81.1286	MBP	0.6	1.1 -	5.0	1.95	0.23	8.60	1104.	59.	10.
1484	0000	-894	37.5457	81.1279	MBP	0.5	1.3	5.1	2.35	0.25	9.45	1107.	60.	11.
1485	0000	-894	37.5457	81.1274	MBP	0.6	1.2 -	5.1	2.17	0.24	9.22	1118.	60.	11.
1486	0000	-897	37.5457	81.1267	PPP	0.6 -	1.2 -	4.8 -	2.13	0.25	8.50 +	1124.	62.	11.
1487	0000	-898	37.5457	81.1261	PPP	0.6 -	1.4	5.1	2.54 +	0.28	9.02 +	1163.	60.	9.
1488	0000	-897	37.5458	81.1254	PPP	0.6 -	1.4	5.0	2.16	0.28	7.81	1179.	58.	8.
1489	0000	-900	37.5459	81.1248	PPP	0.7	1.4	5.1	2.09	0.28	7.49	1187.	57.	7.
1490	0000	-898	37.5459	81.1242	PPP	0.7	1.6	5.0	2.20	0.31	7.01	1212.	57.	6.
1491	0000	-894	37.5459	81.1236	PPP	0.8	1.6	5.1	2.08	0.31	6.67	1229.	53.	5.
1492	0000	-896	37.5460	81.1229	PPP	0.8	1.7	5.5	2.16	0.31	7.01	1250.	53.	5.
1493	0000	-899	37.5461	81.1223	PPP	0.8	1.6	5.6	2.00	0.29	6.91	1270.	54.	5.
1494	0000	-901	37.5461	81.1216	PPP	0.8	1.4	5.8	1.70	0.25	6.82	1260.	55.	5.
1495	0000	-904	37.5461	81.1211	PPP	0.8	1.6	5.8	1.94	0.27	7.06	1268.	59.	5.
1496	0000	-903	37.5462	81.1204	PPP	0.8	1.5	5.8	1.95	0.27	7.31	1266.	60.	6.
1497	0000	-903	37.5462	81.1198	PPP	0.8	1.4	6.0	1.79	0.23	7.66	1248.	56.	7.
1498	0000	-905	37.5462	81.1191	PPP	0.7	1.3 -	6.2	1.71	0.21 -	8.33 +	1214.	60.	7.
1499	0000	-905	37.5463	81.1186	PPP	0.7	1.3 -	5.5	1.73	0.23	7.49	1183.	62.	7.
1500	0000	-904	37.5463	81.1179	PPP	0.7	1.4	5.3	1.84	0.25	7.26	1171.	60.	6.
1501	0000	-903	37.5464	81.1173	PPP	0.8	1.4	4.9 -	1.86	0.29	6.48	1174.	59.	5.
1502	0000	-902	37.5464	81.1167	PPP	0.8	1.3 -	4.7 -	1.59	0.27	5.84	1189.	58.	6.
1503	0000	-905	37.5465	81.1160	PPP	0.9	1.3 -	5.1	1.45	0.25	5.88	1233.	57.	5.
1504	0000	-907	37.5465	81.1154	PPP	0.9	1.6	5.5	1.77	0.29	6.06	1289.	60.	4.
1505	0000	-904	37.5465	81.1148	PPP	0.9	2.2	5.4	2.32	0.40 +	5.74	1382.	62.	3.
1506	0000	-903	37.5465	81.1141	PPP	1.1	2.3	6.5	2.15	0.35	6.11	1494.	61.	2.
1507	0000	-906	37.5465	81.1135	PPP	1.1	2.4 +	7.2	2.19	0.33	6.63	1562.	60.	2.
1508	0000	-907	37.5465	81.1129	PPP	1.1	2.5 +	7.5	2.26	0.33	6.80	1608.	59.	2.
1509	0000	-907	37.5465	81.1123	PPP	1.1	2.6 +	7.9	2.35	0.32	7.28	1644.	58.	2.
1510	0000	-906	37.5465	81.1116	MBP	1.0 +	2.6 +	7.7 +	2.50	0.34	7.42	1644.	59.	4.
1511	0000	-905	37.5465	81.1110	MBP	1.0 +	2.4 +	7.8 +	2.27	0.30	7.51	1651.	58.	5.
1512	0000	-908	37.5465	81.1104	MBP	1.1 +	2.0	8.1 +	1.85	0.24	7.64	1667.	55.	6.
1513	0000	-908	37.5464	81.1098	MBP	1.0 +	1.7	7.8 +	1.70	0.22	7.63	1635.	56.	8.
1514	0000	-908	37.5464	81.1092	MBP	1.0 +	1.6	7.6 +	1.64	0.22	7.64	1609.	56.	9.
1515	0000	-910	37.5464	81.1085	MBP	1.1 +	1.3	7.9 +	1.23 -	0.16 -	7.48	1596.	57.	10.
1516	0000	-911	37.5464	81.1080	MBP	1.1 +	1.3	7.9 +	1.24 -	0.16 -	7.51	1557.	55.	11.
1517	0000	-911	37.5464	81.1073	MBP	1.1 +	1.3	7.8 +	1.20 -	0.16 -	7.35	1523.	54.	11.
1518	0000	-914	37.5464	81.1067	MBP	1.0 +	1.1 -	7.2	1.15 -	0.16 -	7.25	1459.	55.	12.
1519	0000	-911	37.5464	81.1060	MBP	0.9	1.0 -	6.8	1.10 -	0.15 --	7.30	1364.	55.	12.
1520	0000	-911	37.5464	81.1054	MBP	0.9	1.0 -	6.6	1.18 -	0.16 -	7.59	1308.	56.	12.
1521	0000	-913	37.5463	81.1047	MBP	0.9	1.0 -	6.6	1.17 -	0.15 -	7.73	1287.	57.	11.
1522	0000	-912	37.5463	81.1042	MBP	0.7	1.1 -	6.2	1.52 -	0.18 -	8.37	1258.	58.	11.
1523	0000	-910	37.5463	81.1035	MBP	0.7	1.2 -	6.1	1.59	0.19 -	8.43	1239.	58.	9.
1524	0000	-910	37.5463	81.1029	MBP	0.7	1.3	6.1	1.83	0.21	8.73	1242.	57.	8.
1525	0000	-909	37.5462	81.1024	MBP	0.7	1.5	6.5	2.18	0.24	9.22	1268.	58.	7.
1526	0000	-910	37.5462	81.1017	MBP	0.8	1.5	6.5	1.97	0.23	8.61	1300.	58.	6.
1527	0000	-914	37.5462	81.1011	MBP	0.7	1.9	6.7	2.59	0.28	9.44	1332.	58.	4.
1528	0000	-914	37.5462	81.1004	MBP	0.7	1.9	6.4	2.80	0.31	9.18	1335.	57.	5.
1529	0000	-910	37.5462	81.0998	MBP	0.7	1.9	6.3	2.57	0.30	8.61	1332.	57.	5.
1530	0000	-911	37.5462	81.0992	MBP	0.7	1.8	6.8	2.44	0.27	9.18	1366.	56.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-913	37.5462	81.0986	MBP	0.8	1.7	7.3	2.01	0.23	8.80	1398.	54.	6.
1532	0000	-913	37.5462	81.0979	MBP	0.8	1.6	7.2	1.95	0.22	8.90	1396.	52.	7.
1533	0000	-914	37.5461	81.0973	MBP	0.7	1.6	7.2	2.25	0.23	9.85	1372.	53.	8.
1534	0000	-915	37.5461	81.0967	MBP	0.7	1.6	6.7	2.29	0.24	9.51	1329.	52.	10.
1535	0000	-912	37.5461	81.0961	MBP	0.7	1.5	6.7	2.06	0.22	9.40	1289.	54.	10.
1536	0000	-915	37.5461	81.0955	MBP	0.7	1.6	6.8	2.46	0.24	10.35	1274.	52.	11.
1537	0000	-918	37.5461	81.0948	MBP	0.6	1.6	6.2	2.65	0.26	10.12	1245.	54.	11.
1538	0000	-915	37.5461	81.0943	MBP	0.6	1.5	6.0	2.59	0.25	10.38	1236.	58.	11.
1539	0000	-914	37.5461	81.0936	MBP	0.6	1.4	5.7	2.21	0.25	9.00	1262.	60.	12.
1540	0000	-918	37.5460	81.0929	MBP	0.7	1.4	6.1	2.17	0.24	9.22	1309.	58.	11.
1541	0000	-918	37.5460	81.0923	MBP	0.7	1.1 -	6.5	1.47 -	0.17 -	8.73	1354.	58.	12.
1542	0000	-919	37.5460	81.0917	MBP	0.8	1.2 -	6.9	1.50 -	0.17 -	8.75	1417.	55.	12.
1543	0000	-917	37.5460	81.0911	MBP	0.8	1.3	6.9	1.59	0.19 -	8.40	1465.	55.	12.
1544	0000	-915	37.5460	81.0905	MH	0.8	1.3	7.0	1.58	0.19 -	8.28	1504.	53.	12.
1545	0000	-918	37.5460	81.0898	MH	0.8	1.6	6.9	1.99	0.23	8.55	1522.	49.	12.
1546	0000	-918	37.5460	81.0892	MH	0.8	1.6	7.4	2.05	0.22	9.45	1521.	48.	11.
1547	0000	-914	37.5460	81.0886	MH	0.8	1.5	7.4	1.80	0.20 -	9.09	1511.	50.	12.
1548	0000	-915	37.5459	81.0880	MH	0.8	1.5	7.6	1.90	0.20	9.37	1504.	47.	12.
1549	0000	-918	37.5459	81.0874	MH	0.8	1.5	7.5	1.93	0.21	9.35	1481.	49.	11.
1550	0000	-918	37.5459	81.0867	MH	0.8	1.6	7.6	2.02	0.21	9.81	1466.	49.	10.
1551	0000	-914	37.5459	81.0860	MH	0.8	1.7	7.8	2.18	0.21	10.23	1442.	50.	9.
1552	0000	-915	37.5459	81.0855	MH	0.7	1.9	7.8	2.66	0.24	10.86 +	1450.	53.	8.
1553	0000	-918	37.5459	81.0849	MH	0.7	2.0	7.5	2.75	0.27	10.26	1435.	50.	7.
1554	0000	-914	37.5459	81.0842	MH	0.7	2.1	7.1	2.97	0.30	9.92	1411.	48.	6.
1555	0000	-912	37.5459	81.0837	MH	0.7	2.4 +	6.6	3.37 +	0.36 +	9.42	1400.	50.	4.
1556	0000	-917	37.5458	81.0830	MH	0.6	2.5 +	6.8	3.84 +	0.36 +	10.53	1390.	49.	4.
1557	0000	-913	37.5458	81.0824	MBP	0.6	2.5 +	6.4	3.89 +	0.39 +	10.08	1380.	51.	4.
1558	0000	-909	37.5458	81.0817	MBP	0.6	2.4 +	6.2	3.76 +	0.38 +	9.90	1386.	49.	4.
1559	0000	-912	37.5458	81.0811	MBP	0.7	2.2 +	6.3	3.37 +	0.35	9.68	1372.	48.	4.
1560	0000	-912	37.5457	81.0806	MBP	0.6	2.3 +	6.6	3.52 +	0.34	10.19	1395.	52.	5.
1561	0000	-912	37.5457	81.0799	MBP	0.7	2.1 +	6.9	3.23	0.31	10.40	1435.	53.	5.
1562	0000	-914	37.5457	81.0792	MBP	0.7	2.0	6.9	2.95	0.29	10.20	1447.	54.	6.
1563	0000	-913	37.5457	81.0786	MBP	0.7	1.9	6.5	2.79	0.29	9.53	1459.	53.	8.
1564	0000	-912	37.5457	81.0780	MBP	0.7	1.7	6.9	2.39	0.24	9.94	1465.	53.	10.
1565	0000	-911	37.5457	81.0774	MBP	0.7	1.8	6.6	2.53	0.27	9.39	1460.	53.	10.
1566	0000	-912	37.5457	81.0768	MBP	0.7	1.5	6.6	2.06	0.23	9.13	1446.	57.	11.
1567	0000	-913	37.5456	81.0761	MBP	0.7	1.5	6.1	2.14	0.24	8.81	1401.	53.	12.
1568	0000	-912	37.5456	81.0755	MH	0.7	1.6	6.0	2.37	0.27	8.88	1368.	52.	13.
1569	0000	-913	37.5456	81.0749	MH	0.6	1.7	6.2	2.65	0.27	9.88	1362.	49.	13.
1570	0000	-912	37.5456	81.0743	MH	0.6	1.7	6.4	2.56	0.26	10.00	1349.	49.	13.
1571	0000	-910	37.5455	81.0737	MH	0.6	1.6	6.3	2.46	0.25	9.72	1320.	48.	14.
1572	0000	-914	37.5455	81.0730	MH	0.6	1.4	6.1	2.34	0.23	10.22	1267.	49.	15.
1573	0000	-913	37.5455	81.0724	MH	0.6	1.4	5.8	2.57	0.25	10.39	1227.	43.	15.
1574	0000	-909	37.5455	81.0718	MH	0.5 -	1.4	5.4	2.68	0.25	10.71	1194.	45.	16.
1575	0000	-910	37.5455	81.0712	MH	0.5 -	1.3 -	5.5	2.64	0.23	11.35 +	1166.	46.	16.
1576	0000	-911	37.5455	81.0705	MH	0.5 -	0.9 -	5.1 -	1.89	0.18 -	10.78	1113.	49.	18.
1577	0000	-912	37.5455	81.0699	MH	0.4 -	0.8 --	4.9 -	1.74	0.16 -	11.02 +	1095.	50.	19.
1578	0000	-911	37.5455	81.0693	MH	0.4 -	1.0 -	4.8 -	2.40	0.21	11.33 +	1104.	51.	19.
1579	0000	-909	37.5454	81.0686	MH	0.5 -	1.1 -	5.0 -	2.42	0.22	10.92 +	1155.	49.	19.
1580	0000	-911	37.5454	81.0680	MH	0.5 -	1.2 -	5.3	2.44	0.23	10.72	1207.	51.	20.
1581	0000	-912	37.5454	81.0674	MH	0.6	1.0 -	5.5	1.69	0.19 -	8.99	1264.	52.	20.

CP9 IP 12

CP9 IP 12

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	T-	T-	K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-908	37.5454	81.0668	MH	0.7	1.2 -	5.7	1.77	0.31	8.56			1311.	50.	20.
1583	0000	-909	37.5454	81.0662	MH	0.7	1.6	5.7	2.28	0.38	8.31			1393.	51.	19.
1584	0000	-912	37.5454	81.0655	MH	0.8	1.9	5.8	2.56	0.38	7.88			1479.	49.	18.
1585	0000	-912	37.5454	81.0650	MH	0.8	2.0	6.3	2.47	0.38	7.88			1551.	46.	17.
1586	0000	-910	37.5454	81.0643	MH	0.9	2.0	6.5	2.30	0.31	7.43			1605.	46.	17.
1587	0000	-907	37.5453	81.0637	MH	1.0	2.0	6.8	2.04	0.29	7.05			1642.	46.	15.
1588	0000	-908	37.5453	81.0630	MH	0.9	2.3 +	7.1	2.62	0.33	7.89			1680.	47.	14.
1589	0000	-909	37.5453	81.0624	MH	0.9	2.4 +	7.0	2.70	0.35 +	7.78			1731.	47.	14.
1590	0000	-907	37.5453	81.0619	MH	0.9	2.6 +	7.0	2.83	0.37 +	7.70			1754.	46.	13.
1591	0000	-906	37.5453	81.0612	MH	0.9	2.5 +	7.4	2.69	0.34	7.88			1739.	47.	11.
1592	0000	-906	37.5453	81.0605	MH	0.9	2.7 +	7.1	2.89	0.38 +	7.64			1720.	49.	9.
1593	0000	-904	37.5453	81.0599	MH	0.9	2.8 ++	7.0	3.11	0.40 +	7.88			1697.	50.	7.
1594	0000	-905	37.5452	81.0593	MH	0.9	3.0 ++	6.7	3.46 +	0.45 ++	7.66			1664.	50.	5.
1595	0000	-905	37.5452	81.0587	MH	0.9	2.8 ++	7.0	2.94	0.39 +	7.51			1644.	50.	4.
1596	0000	-906	37.5452	81.0581	MH	0.9	2.7 +	7.5	2.83	0.36 +	7.87			1631.	50.	4.
1597	0000	-906	37.5452	81.0574	MH	1.0	2.4 +	7.9	2.35	0.30	7.87			1637.	48.	3.
1598	0000	-902	37.5452	81.0568	MH	1.0	2.5 +	7.5	2.60	0.33	7.88			1634.	49.	5.
1599	0000	-902	37.5452	81.0562	MH	1.0	2.0	7.7	2.02	0.26	7.74			1660.	49.	5.
1600	0000	-903	37.5452	81.0556	MH	1.0	2.1	7.9	2.13	0.27	7.88			1694.	50.	8.
1601	0000	-903	37.5452	81.0550	MH	1.0	1.9	8.2 +	1.83	0.23	7.90			1745.	52.	10.
1602	0000	-904	37.5451	81.0543	MH	1.0	2.2	8.3 +	2.17	0.27	8.15			1813.	50.	10.
1603	0000	-903	37.5451	81.0537	MH	1.0	2.4 +	8.3 +	2.26	0.29	7.91			1871.	52.	11.
1604	0000	-903	37.5451	81.0531	MH	1.0	2.5 +	8.5 +	2.47	0.30	8.31			1906.	53.	12.
1605	0000	-906	37.5451	81.0525	MH	1.1	2.4 +	8.7 +	2.30	0.28	8.24			1935.	52.	11.
1606	0000	-902	37.5451	81.0518	MH	1.1	2.5 +	8.7 +	2.30	0.29	7.85			1970.	52.	11.
1607	0000	-901	37.5451	81.0512	MH	1.2 +	2.3 +	8.8 +	1.96	0.26	7.54			2003.	47.	11.
1608	0000	-904	37.5451	81.0506	MH	1.1	2.4 +	8.7 +	2.09	0.27	7.75			2003.	46.	12.
1609	0000	-903	37.5451	81.0499	MH	1.2 +	2.2	8.7 +	1.91	0.25	7.53			1976.	47.	12.
1610	0000	-902	37.5450	81.0493	MH	1.1 +	2.2	8.6 +	1.90	0.25	7.55			1933.	47.	13.
1611	0000	-903	37.5450	81.0487	MH	1.1	2.2	8.4 +	1.94	0.26	7.59			1894.	46.	13.
1612	0000	-903	37.5450	81.0481	MH	1.1	1.9	8.2 +	1.72	0.24	7.27			1866.	47.	15.
1613	0000	-902	37.5450	81.0475	MH	1.1	1.9	8.3 +	1.73	0.23	7.68			1805.	46.	16.
1614	0000	-903	37.5449	81.0468	MH	1.0	1.9	7.8	1.94	0.24	8.04			1716.	50.	15.
1615	0000	-901	37.5449	81.0463	MH	0.9	1.9	7.6	2.07	0.25	8.28			1658.	50.	16.
1616	0000	-898	37.5449	81.0456	MH	0.9	1.6	7.3	1.88	0.22	8.55			1592.	49.	15.
1617	0000	-899	37.5449	81.0450	MH	0.8	1.5	6.9	1.86	0.21	8.65			1518.	48.	15.
1618	0000	-900	37.5449	81.0444	MH	0.7	1.7	6.4	2.32	0.26	8.87			1445.	49.	13.
1619	0000	-898	37.5449	81.0437	MH	0.7	1.6	6.2	2.50	0.26	9.55			1366.	49.	12.
1620	0000	-900	37.5449	81.0430	MH	0.6	1.8	5.6	3.23	0.32	10.05			1279.	51.	10.
1621	0000	-900	37.5448	81.0425	MH	0.5 -	1.8	5.5	3.58 +	0.33	10.70			1212.	51.	9.
1622	0000	-897	37.5448	81.0419	MH	0.5 -	1.6	5.1 -	3.37 +	0.32	10.66			1133.	52.	9.
1623	0000	-897	37.5448	81.0412	MH	0.5 -	1.5	4.6 -	3.41 +	0.33	10.24			1070.	51.	9.
1624	0000	-898	37.5448	81.0407	MH	0.4 -	1.7	4.4 -	4.25 +	0.39 +	10.77			1017.	52.	9.
1625	0000	-897	37.5448	81.0400	MH	0.4 -	1.3	4.3 -	3.03	0.30	9.93			982.	53.	11.
1626	0000	-898	37.5448	81.0394	MBP	0.4 -	1.3	4.5 -	3.05	0.29	10.47			998.	53.	11.
1627	0000	-898	37.5448	81.0387	MBP	0.5	1.0 -	5.0	1.99	0.20	9.91			1058.	52.	12.
1628	0000	-897	37.5448	81.0381	MBP	0.6	1.1 -	5.4	1.81	0.21	8.79			1150.	53.	12.
1629	0000	-898	37.5447	81.0376	MBP	0.7	1.3	5.8	1.92	0.23	8.34			1256.	53.	12.
1630	0000	-897	37.5447	81.0369	MH	0.8	1.7	6.3	2.25	0.27	8.23			1365.	53.	11.
1631	0000	-897	37.5447	81.0362	MH	0.9	1.7	6.3	1.97	0.27	7.39			1451.	53.	11.
1632	0000	-898	37.5447	81.0356	MH	0.9	1.7	6.8	1.85	0.25	7.43			1530.	52.	10.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-897	37.5447	81.0350	MH	1.0	1.9	6.6	1.95	0.29	6.84	1557.	52.	10.
1634	0000	-899	37.5447	81.0344	MH	0.9	2.1	6.0	2.21	0.35 +	6.40 -	1558.	53.	10.
1635	0000	-900	37.5447	81.0338	MH	0.9	1.9	5.7	2.06	0.33	6.17 -	1555.	52.	11.
1636	0000	-896	37.5447	81.0331	MH	0.9	1.9	6.1	2.05	0.31	6.60	1556.	49.	11.
1637	0000	-894	37.5446	81.0326	MH	0.9	1.8	6.0	1.90	0.29	6.50 -	1545.	49.	11.
1638	0000	-894	37.5446	81.0319	MH	0.9	1.7	6.5	1.81	0.26	7.03	1563.	52.	12.
1639	0000	-893	37.5446	81.0313	MH	1.0	1.8	6.5	1.77	0.28	6.41 -	1638.	52.	12.
1640	0000	-892	37.5446	81.0307	MH	1.0	1.8	7.2	1.69	0.24	6.89	1721.	51.	12.
1641	0000	-893	37.5445	81.0300	MH	1.1	1.8	8.0	1.63	0.22	7.27	1773.	49.	12.
1642	0000	-893	37.5445	81.0294	MH	1.1 +	2.0	8.4 +	1.74	0.24	7.38	1794.	49.	12.
1643	0000	-891	37.5445	81.0288	MH	1.1 +	2.0	8.1 +	1.76	0.25	7.12	1795.	50.	12.
1644	0000	-891	37.5445	81.0282	MH	1.1	2.1	8.3 +	1.85	0.25	7.47	1793.	51.	12.
1645	0000	-894	37.5445	81.0276	MH	1.1 +	2.1	8.5 +	1.89	0.25	7.54	1796.	47.	11.
1646	0000	-893	37.5445	81.0269	MH	1.0	2.1	8.5 +	2.03	0.25	8.21	1725.	50.	11.
1647	0000	-891	37.5445	81.0263	MH	1.0	1.8	8.4 +	1.75	0.22	8.09	1696.	49.	11.
1648	0000	-892	37.5444	81.0257	MH	1.0	1.8	8.4 +	1.74	0.21	8.31	1699.	48.	11.
1649	0000	-893	37.5444	81.0250	MH	1.0	1.7	8.3 +	1.71	0.20	8.55	1696.	47.	12.
1650	0000	-890	37.5444	81.0244	MH	0.9	1.7	8.5 +	1.88	0.20	9.21	1710.	48.	11.
1651	0000	-890	37.5444	81.0238	MBP	0.9	1.7	8.5 +	1.84	0.20 -	9.38	1712.	47.	12.
1652	0000	-891	37.5444	81.0232	MBP	0.9	1.6	8.2 +	1.75	0.19 -	9.08	1695.	49.	13.
1653	0000	-891	37.5444	81.0225	MBP	0.9	1.6	8.1 +	1.80	0.20 -	9.15	1664.	48.	13.
1654	0000	-888	37.5444	81.0220	MBP	0.8	1.6	7.6 +	2.02	0.21	9.39	1595.	47.	13.
1655	0000	-885	37.5444	81.0213	MBP	0.7	1.7	7.1	2.24	0.23	9.54	1517.	49.	13.
1656	0000	-886	37.5443	81.0207	MBP	0.7	1.5	7.1	2.08	0.21	9.77	1466.	49.	13.
1657	0000	-890	37.5443	81.0201	MBP	0.7	1.6	6.6	2.50	0.25	10.09	1406.	48.	12.
1658	0000	-889	37.5443	81.0194	MBP	0.7	1.5	6.4	2.24	0.23	9.56	1363.	50.	12.
1659	0000	-887	37.5443	81.0189	MBP	0.6	1.5	7.0	2.78	0.22	12.52 +	1349.	49.	11.
1660	0000	-887	37.5443	81.0182	MBP	0.5	1.5	6.8	2.75	0.22	12.36 +	1356.	51.	11.
1661	0000	-884	37.5443	81.0175	MBP	0.5	1.9	7.2	3.42 +	0.26	13.12 +	1397.	53.	10.
1662	0000	-883	37.5443	81.0169	MBP	0.6	1.9	7.5 +	3.39 +	0.26	13.13 +	1443.	52.	9.
1663	0000	-887	37.5443	81.0163	MBP	0.6	2.1	7.6 +	3.64 +	0.28	13.10 +	1452.	54.	8.
1664	0000	-890	37.5442	81.0157	MBP	0.7	2.1	7.4	3.14	0.28	11.18 +	1483.	55.	7.
1665	0000	-885	37.5442	81.0151	MBP	0.7	2.3 +	7.4	3.52 +	0.31	11.31 +	1509.	55.	6.
1666	0000	-883	37.5442	81.0144	MBP	0.8	2.5 +	6.7	3.26	0.38 +	8.59	1531.	56.	6.
1667	0000	-887	37.5442	81.0139	MBP	0.8	2.7 ++	6.8	3.35	0.41 +	8.26	1552.	55.	5.
1668	0000	-885	37.5441	81.0132	MBP	0.9	2.5 +	6.6	2.98	0.39 +	7.71	1548.	55.	5.
1669	0000	-882	37.5441	81.0126	MBP	0.9	2.6 ++	6.4	2.85	0.41 +	7.01	1550.	56.	5.
1670	0000	-886	37.5441	81.0120	MH	1.0	2.6 +	6.3	2.72	0.42 +	6.46 -	1589.	55.	6.
1671	0000	-889	37.5441	81.0113	MH	1.0	2.5 +	6.5	2.44	0.38 +	6.36 -	1632.	56.	7.
1672	0000	-887	37.5441	81.0107	MH	1.1 +	2.2	6.8	1.96	0.33	6.03 -	1722.	53.	9.
1673	0000	-887	37.5441	81.0101	MH	1.2 +	2.3 +	7.1	1.98	0.33	6.01 -	1825.	53.	10.
1674	0000	-886	37.5441	81.0095	MH	1.1 +	2.4 +	6.8	2.11	0.35 +	5.98 -	1874.	52.	11.
1675	0000	-885	37.5441	81.0089	MH	1.1 +	2.7 +	6.6	2.36	0.40 +	5.85 -	1900.	48.	12.
1676	0000	-884	37.5441	81.0083	MH	1.1	2.9 ++	6.7	2.69	0.43 +	6.30 -	1890.	47.	12.
1677	0000	-883	37.5441	81.0077	MH	1.0	2.9 ++	6.5	2.98	0.45 +	6.65	1840.	47.	12.
1678	0000	-883	37.5441	81.0072	MH	0.9	3.1 ++	6.1	3.41 +	0.50 ++	6.77	1772.	45.	11.
1679	0000	-883	37.5441	81.0065	MH	0.8	3.3 +++	5.5	4.24 +	0.59 +++	7.13	1642.	45.	10.
1680	0000	-881	37.5441	81.0060	MH	0.7	3.0 ++	5.1 -	4.39 +	0.58 ++	7.52	1500.	43.	9.
1681	0000	-883	37.5441	81.0054	MH	0.7	2.9 ++	5.2 -	4.39 +	0.56 ++	7.79	1427.	45.	9.
1682	0000	-886	37.5441	81.0049	MH	0.6	2.6 +	5.1 -	4.15 +	0.52 ++	7.95	1380.	46.	9.
1683	0000	-885	37.5441	81.0043	MH	0.6	2.2	4.7 -	3.44 +	0.47 ++	7.28	1336.	49.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-886	37.5441	81.0038	MH	0.7	2.1	4.8 -	3.10	0.43 +	7.21	1324.	49.	12.
1685	0000	-886	37.5441	81.0032	MH	0.7	1.7	5.0 -	2.47	0.35 +	7.14	1324.	51.	13.
1686	0000	-882	37.5441	81.0026	MH	0.7	1.7	5.3	2.44	0.33	7.43	1367.	51.	15.
1687	0000	-881	37.5441	81.0020	MH	0.8	1.5	5.8	1.97	0.25	7.76	1417.	51.	15.
1688	0000	-883	37.5442	81.0015	MH	0.8	1.4	6.4	1.64	0.21	7.71	1470.	48.	16.
1689	0000	-884	37.5442	81.0009	MH	1.0	1.6	6.5	1.64	0.25	6.71	1556.	48.	16.
1690	0000	-884	37.5442	81.0004	MH	1.1	2.0	6.4	1.80	0.31	5.77 -	1694.	46.	17.
1691	0000	-883	37.5442	80.9998	MH	1.3 +	2.3 +	6.4	1.77	0.36 +	4.94 --	1832.	47.	16.
1692	0000	-882	37.5442	80.9992	MH	1.3 +	2.3 +	7.5	1.76	0.31	5.63 -	1949.	44.	16.
1693	0000	-881	37.5442	80.9986	MH	1.3 +	2.4 +	7.2	1.84	0.34	5.40 -	1985.	45.	17.
1694	0000	-880	37.5443	80.9980	MH	1.3 +	2.7 +	6.9	2.01	0.39 +	5.19 -	1982.	46.	18.
1695	0000	-880	37.5443	80.9975	MH	1.3 +	2.7 ++	6.8	2.06	0.40 +	5.08 -	2000.	49.	19.
1696	0000	-879	37.5443	80.9970	MH	1.2 +	2.6 +	6.8	2.23	0.38 +	5.81 -	1982.	48.	19.
1697	0000	-879	37.5443	80.9964	MH	1.1	2.4 +	7.1	2.10	0.33	6.32 -	1943.	48.	20.
1698	0000	-879	37.5443	80.9958	MH	1.0	1.9	7.5	1.93	0.26	7.46	1879.	45.	21.
1699	0000	-877	37.5443	80.9952	MH	1.0	1.9	6.7	1.90	0.28	6.70	1797.	47.	22.
1700	0000	-878	37.5443	80.9946	MH	1.0	1.7	7.2	1.69	0.23	7.24	1762.	47.	21.
1701	0000	-881	37.5443	80.9942	MH	1.0	1.6	6.9	1.58	0.22	7.06	1744.	48.	20.
1702	0000	-878	37.5443	80.9936	MH	1.0	1.6	7.1	1.64	0.22	7.40	1707.	49.	18.
1703	0000	-878	37.5443	80.9930	MH	1.0	1.4	7.1	1.38 -	0.20	6.85	1681.	48.	17.
1704	0000	-881	37.5443	80.9924	MH	1.0	1.5	7.7	1.47	0.19 -	7.66	1645.	48.	14.
1705	0000	-878	37.5443	80.9919	MH	1.0	1.7	7.8	1.70	0.21	7.96	1618.	51.	12.
1706	0000	-877	37.5444	80.9912	MH	0.9	1.8	7.8	1.93	0.23	8.26	1608.	48.	9.
1707	0000	-881	37.5444	80.9908	MH	0.9	1.9	7.7	1.99	0.24	8.14	1590.	50.	7.
1708	0000	-881	37.5444	80.9902	MH	0.9	2.0	7.9	2.20	0.26	8.55	1566.	49.	5.
1709	0000	-880	37.5444	80.9896	MH	0.9	2.0	7.7	2.24	0.27	8.41	1520.	49.	4.
1710	0000	-881	37.5444	80.9890	MH	0.9	2.1	7.5	2.41	0.27	8.81	1475.	51.	3.
1711	0000	-881	37.5444	80.9885	MH	0.8	2.1	7.1	2.59	0.29	8.88	1418.	50.	3.
1712	0000	-881	37.5444	80.9879	MBP	0.8	2.1	6.6	2.76	0.32	8.74	1365.	49.	2.
1713	0000	-881	37.5444	80.9873	MBP	0.7	1.9	6.3	2.71	0.31	8.83	1300.	51.	3.
1714	0000	-880	37.5444	80.9868	MBP	0.6	2.0	5.7	3.03	0.35	8.76	1250.	49.	3.
1715	0000	-880	37.5444	80.9862	MBP	0.6	1.9	5.3	3.26	0.36 +	9.10	1205.	51.	4.
1716	0000	-881	37.5444	80.9856	MBP	0.6	1.6	5.4	2.79	0.30	9.24	1180.	49.	5.
1717	0000	-883	37.5444	80.9851	MBP	0.5	1.5	5.2	2.89	0.30	9.73	1136.	49.	6.
1718	0000	-889	37.5444	80.9845	MBP	0.5	1.6	4.9	3.29	0.34	9.78	1116.	48.	6.
1719	0000	-896	37.5445	80.9839	MBP	0.5 -	1.5	5.1	3.16	0.30	10.54	1096.	48.	7.
1720	0000	-904	37.5445	80.9834	MBP	0.5	1.4	5.2	2.80	0.27	10.39	1104.	47.	8.
1721	0000	-912	37.5445	80.9828	MBP	0.6	1.3	5.4	2.30	0.24	9.73	1117.	47.	8.
1722	0000	-920	37.5445	80.9822	MBP	0.6	1.2 -	5.8	1.94	0.20	9.63	1144.	47.	8.
1723	0000	-920	37.5445	80.9817	MBP	0.6	1.2	5.9	2.06	0.21	9.95	1166.	47.	9.
1724	0000	-909	37.5445	80.9811	MBP	0.6	1.3	5.9	2.21	0.23	9.82	1187.	46.	9.
1725	0000	-897	37.5445	80.9805	MBP	0.6	1.0 -	6.3	1.52 -	0.15 -	9.85	1195.	49.	10.
1726	0000	-890	37.5445	80.9799	MBP	0.6	1.0 -	6.2	1.57 -	0.16 -	9.55	1222.	51.	11.
1727	0000	-886	37.5445	80.9795	MBP	0.6	1.3	6.2	2.14	0.20	10.57	1236.	52.	12.
1728	0000	-883	37.5445	80.9789	MBP	0.5	1.4	6.3	2.56	0.22	11.59 +	1259.	53.	13.
1729	0000	-879	37.5445	80.9783	MBP	0.5	1.4	6.3	2.66	0.22	1[illegible] 17 +	1258.	52.	14.
1730	0000	-876	37.5445	80.9777	MBP	0.5	1.3	6.1	2.57	0.21	12.20 +	1246.	54.	16.
1731	0000	-880	37.5446	80.9772	MBP	0.5 -	1.1 -	6.3	2.16	0.17 -	12.77 +	1228.	56.	17.
1732	0000	-881	37.5446	80.9765	MBP	0.4 -	1.1 -	6.2	2.57	0.18 -	14.61 ++	1202.	56.	18.
1733	0000	-877	37.5446	80.9761	MBP	0.4 -	1.2	5.9	3.17	0.21	15.21 ++	1190.	54.	18.
1734	0000	-875	37.5446	80.9755	MBP	0.4 -	0.9 -	5.8	2.07	0.15 --	14.02 ++	1160.	56.	19.

CP9 IP12

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-874	37.5446	80.9749	MBP	0.4 -	0.6 --	5.7	1.34 -	0.10 ---	12.94 +	1114.	56.	19.
1736	0000	-874	37.5446	80.9743	MBP	0.4 -	0.6 --	5.4	1.49 -	0.12 --	12.81 +	1084.	56.	19.
1737	0000	-875	37.5447	80.9737	MBP	0.4 -	0.8 -	5.1	1.85	0.15 -	12.19 +	1070.	57.	18.
1738	0000	-877	37.5447	80.9732	MBP	0.4 -	0.7 --	5.1	1.71	0.14 --	12.16 +	1078.	54.	17.
1739	0000	-882	37.5447	80.9727	MBP	0.4 -	0.6 --	4.9	1.46 -	0.13 --	11.06 +	1077.	57.	18.
1740	0000	-880	37.5447	80.9721	MBP	0.5 -	0.5 --	4.8 -	0.99 --	0.10 ---	10.34	1043.	57.	18.
1741	0000	-876	37.5447	80.9715	MBP	0.4 -	0.7 --	4.6 -	1.59	0.15 -	10.47	1011.	58.	17.
1742	0000	-878	37.5447	80.9709	MBP	0.4 -	0.8 -	4.5 -	2.13	0.18 -	11.56 +	981.	58.	16.
1743	0000	-879	37.5447	80.9703	MBP	0.4 -	0.7 --	4.4 -	1.88	0.16 -	11.47 +	943.	59.	15.
1744	0000	-877	37.5447	80.9698	MBP	0.3 -	0.8 -	4.4 -	2.54	0.19 -	13.61 +	888.	59.	14.
1745	0000	-878	37.5447	80.9692	MBP	0.3 -	1.1 -	3.7 -	4.11 +	0.30	13.55 +	832.	61.	12.
1746	0000	-877	37.5447	80.9687	MBP	0.3 -	1.2	3.8 -	4.60 +	0.32	14.23 ++	812.	58.	9.
1747	0000	-877	37.5447	80.9681	MBP	0.3 --	1.3	4.3 -	5.20 ++	0.31	16.58 ++	810.	59.	7.
1748	0000	-881	37.5447	80.9675	MBP	0.2 --	1.5	4.3 -	6.11 ++	0.35	17.40 +++	819.	58.	5.
1749	0000	-879	37.5448	80.9669	MBP	0.3 -	1.6	4.3 -	5.28 ++	0.36 +	14.56 ++	822.	57.	4.
1750	0000	-875	37.5448	80.9664	MBP	0.3 -	1.6	4.4 -	5.90 ++	0.37 +	15.83 ++	844.	55.	3.
1751	0000	-879	37.5448	80.9658	MBP	0.3 -	1.8	4.4 -	5.59 ++	0.40 +	13.91 ++	893.	54.	2.
1752	0000	-881	37.5448	80.9653	MBP	0.4 -	1.8	5.2	4.58 +	0.35 +	13.02 +	979.	52.	2.
1753	0000	-877	37.5448	80.9647	MBP	0.5 -	1.9	5.4	4.30 +	0.36 +	11.99 +	1038.	53.	2.
1754	0000	-877	37.5448	80.9642	MBP	0.5	1.9	5.5	3.73 +	0.35 +	10.57	1091.	54.	2.
1755	0000	-877	37.5448	80.9635	MBP	0.6	2.0	5.7	3.36 +	0.35	9.64	1167.	53.	2.
1756	0000	-875	37.5448	80.9630	MBP	0.6	2.2 +	6.2	3.56 +	0.36 +	9.95	1255.	54.	3.
1757	0000	-877	37.5448	80.9624	MBP	0.7	2.5 +	6.3	3.46 +	0.39 +	8.88	1328.	53.	3.
1758	0000	-879	37.5448	80.9619	MBP	0.7	2.3 +	6.5	3.17	0.35 +	8.95	1372.	52.	4.
1759	0000	-878	37.5448	80.9613	MBP	0.7	2.0	6.3	2.70	0.32	8.46	1353.	56.	6.
1760	0000	-878	37.5448	80.9608	MBP	0.7	2.0	6.1	2.82	0.33	8.58	1335.	54.	7.
1761	0000	-877	37.5448	80.9602	MBP	0.7	1.8	6.1	2.74	0.30	9.27	1296.	53.	9.
1762	0000	-877	37.5449	80.9596	MBP	0.6	1.3	5.9	2.14	0.23	9.48	1230.	54.	12.
1763	0000	-876	37.5449	80.9590	MBP	0.6	1.0 -	5.8	1.70	0.17 -	10.29	1157.	54.	14.
1764	0000	-874	37.5449	80.9585	MH	0.5 -	0.6 --	5.5	1.18 -	0.10 ---	11.89 +	1071.	53.	16.
1765	0000	-874	37.5449	80.9579	MH	0.5 -	0.5 --	5.2 -	0.98 -	0.09 ---	11.11 +	1001.	53.	17.
1766	0010	-875	37.5449	80.9574	MH	0.4 -	0.4 N.A.	4.8 -	0.96 N.A.	0.08 N.A.	12.65 +	936.	51.	17.
1767	0010	-876	37.5449	80.9568	MH	0.3 -	0.3 N.A.	4.4 -	0.82 N.A.	0.06 N.A.	12.63 +	892.	50.	18.
1768	0000	-878	37.5449	80.9562	MH	0.3 -	0.4 --	3.9 -	1.11 -	0.09 ---	11.75 +	860.	50.	18.
1769	0000	-875	37.5449	80.9556	MH	0.3 -	0.5 --	3.7 --	1.35 -	0.12 --	11.27 +	848.	49.	17.
1770	0000	-875	37.5449	80.9550	MH	0.3 -	0.6 --	3.3 --	1.79	0.18 -	10.07	829.	50.	15.
1771	0000	-877	37.5449	80.9545	MH	0.3 -	0.7 --	3.1 --	2.02	0.21	9.67	815.	51.	14.
1772	0000	-878	37.5449	80.9540	MH	0.3 -	0.7 --	3.2 --	2.35	0.21	11.04 +	792.	53.	13.
1773	0000	-879	37.5449	80.9534	MH	0.3 -	0.7 --	3.0 --	2.20	0.24	9.15	793.	51.	13.
1774	0000	-880	37.5450	80.9529	MH	0.4 -	0.6 --	3.2 --	1.72	0.19 -	9.04	787.	52.	13.
1775	0000	-881	37.5450	80.9522	MH	0.4 -	0.7 --	3.1 --	2.03	0.23	8.69	794.	50.	13.
1776	0000	-881	37.5450	80.9516	MH	0.3 -	0.9 -	3.0 --	2.81	0.30	9.41	794.	49.	13.
1777	0000	-879	37.5450	80.9511	MH	0.3 -	0.8 --	3.1 --	2.32	0.24	9.49	803.	51.	13.
1778	0000	-881	37.5450	80.9506	MH	0.3 -	0.9 -	3.4 --	2.66	0.26	10.21	853.	51.	14.
1779	0000	-879	37.5450	80.9500	MH	0.4 -	1.0 -	3.8 -	2.71	0.27	10.17	944.	50.	14.
1780	0000	-876	37.5450	80.9495	MH	0.4 -	1.3	4.5 -	3.01	0.29	10.34	1061.	50.	13.
1781	0000	-879	37.5450	80.9489	MH	0.5 -	1.4	5.2 -	2.65	0.26	10.01	1180.	51.	11.
1782	0000	-881	37.5450	80.9482	MH	0.7	1.4	6.1	2.04	0.23	8.95	1315.	52.	10.
1783	0000	-883	37.5450	80.9477	MH	0.8	1.6	6.8	1.99	0.24	8.21	1470.	54.	9.
1784	0000	-882	37.5450	80.9472	MH	0.9	1.9	7.1	2.05	0.27	7.57	1612.	52.	8.
1785	0000	-880	37.5450	80.9466	MH	1.1	1.9	7.8	1.79	0.25	7.17	1723.	52.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-882	37.5451	80.9460	MH	1.2 +	2.0	8.2 +	1.73	0.25	7.03	1794.	53.	7.
1787	0000	-882	37.5451	80.9455	MH	1.2 +	2.2	8.4 +	1.86	0.26	7.20	1822.	54.	7.
1788	0000	-880	37.5451	80.9449	MH	1.2 +	2.4 +	8.5 +	2.06	0.29	7.21	1844.	54.	7.
1789	0000	-883	37.5451	80.9443	MH	1.1	2.8 ++	8.2 +	2.50	0.34	7.38	1849.	57.	7.
1790	0000	-886	37.5451	80.9438	MH	1.1	2.8 ++	8.3 +	2.63	0.34	7.80	1834.	57.	6.
1791	0000	-884	37.5451	80.9432	MH	1.0	2.8 ++	8.8 +	2.72	0.32	8.56	1807.	55.	5.
1792	0000	-882	37.5452	80.9426	MH	0.9	2.9 ++	8.8 +	3.09	0.33	9.33	1771.	54.	-5.
1793	0000	-885	37.5452	80.9421	MH	0.9	2.9 ++	8.2 +	3.35 +	0.36 +	9.35	1710.	54.	5.
1794	0000	-885	37.5452	80.9415	MH	0.8	2.9 ++	7.6	3.73 +	0.39 +	9.64	1648.	53.	6.
1795	0000	-884	37.5452	80.9409	MH	0.7	2.9 ++	7.5	4.19 +	0.39 +	10.79	1586.	51.	6.
1796	0000	-885	37.5452	80.9403	MH	0.6	2.7 +	7.4	4.23 +	0.36 +	11.80 +	1523.	49.	8.
1797	0000	-886	37.5452	80.9398	MH	0.6	2.4 +	7.0	3.93 +	0.34 +	11.45 +	1455.	49.	9.
1798	0000	-887	37.5452	80.9392	MH	0.6	2.3 +	6.8	4.09 +	0.34	12.09 +	1426.	52.	11.
1799	0000	-888	37.5452	80.9387	MH	0.5	2.1	6.4	3.88 +	0.33	11.66 +	1379.	53.	11.
1800	0000	-885	37.5452	80.9381	MH	0.6	2.0	6.5	3.54 +	0.30	11.76 +	1364.	53.	11.
1801	0000	-887	37.5452	80.9375	MH	0.6	1.9	6.5	3.22	0.29	11.07 +	1370.	55.	11.
1802	0000	-891	37.5452	80.9369	MH	0.6	1.9	6.4	2.98	0.29	10.20	1400.	56.	11.
1803	0000	-888	37.5452	80.9365	MH	0.6	1.9	6.7	3.10	0.29	10.58	1417.	55.	11.
1804	0000	-887	37.5452	80.9359	MH	0.6	2.1	7.0	3.52 +	0.30	11.85 +	1435.	56.	9.
1805	0000	-889	37.5453	80.9353	MH	0.6	2.0	6.9	3.24	0.29	11.22 +	1426.	54.	9.
1806	0000	-891	37.5453	80.9347	MH	0.6	2.2	7.0	3.49 +	0.31	11.37 +	1426.	54.	9.
1807	0000	-889	37.5453	80.9342	MH	0.6	2.1	7.1	3.59 +	0.30	11.87 +	1413.	56.	10.
1808	0000	-887	37.5453	80.9335	MH	0.6	1.9	7.1	3.43 +	0.27	12.82 +	1380.	51.	10.
1809	0000	-888	37.5453	80.9330	MH	0.5	1.8	6.8	3.31	0.26	12.70 +	1326.	53.	12.
1810	0000	-889	37.5453	80.9325	MH	0.5	1.6	6.4	2.85	0.24	11.75 +	1301.	55.	13.
1811	0000	-888	37.5453	80.9319	MH	0.6	1.5	6.0	2.70	0.25	10.83 +	1280.	53.	15.
1812	0000	-887	37.5453	80.9313	MH	0.6	1.4	5.8	2.35	0.24	9.62	1295.	54.	16.
1813	0000	-888	37.5453	80.9307	MH	0.6	1.2 -	5.9	1.88	0.21	9.08	1329.	54.	17.
1814	0000	-891	37.5453	80.9302	MH	0.7	1.3	6.2	1.79	0.21	8.51	1369.	54.	17.
1815	0000	-889	37.5453	80.9296	MH	0.8	1.3	6.3	1.64	0.21	7.82	1422.	57.	18.
1816	0000	-887	37.5453	80.9291	MH	0.9	1.3	6.4	1.45	0.20	7.14	1469.	56.	18.
1817	0000	-890	37.5454	80.9285	MH	1.0	1.2 -	7.0	1.26 -	0.17 -	7.38	1514.	56.	17.
1818	0000	-889	37.5454	80.9279	MH	1.0	1.1 -	7.3	1.14 -	0.15 -	7.40	1546.	57.	17.
1819	0000	-888	37.5454	80.9273	MH	0.9	1.3	7.4	1.40 -	0.18 -	7.92	1550.	56.	17.
1820	0000	-889	37.5454	80.9268	MH	0.9	1.5	7.5	1.70	0.20	8.33	1558.	57.	17.
1821	0000	-890	37.5454	80.9262	MH	0.9	1.3	7.2	1.54	0.19 -	8.32	1538.	56.	18.
1822	0000	-892	37.5454	80.9257	MH	0.8	1.3 -	7.1	1.49	0.18 -	8.52	1513.	55.	18.
1823	0000	-894	37.5454	80.9251	MH	0.8	1.5	7.2	1.95	0.21	9.25	1507.	57.	18.
1824	0000	-891	37.5454	80.9245	MH	0.8	1.8	7.0	2.33	0.25	9.27	1501.	57.	17.
1825	0000	-889	37.5454	80.9239	MH	0.8	1.9	7.1	2.43	0.26	9.35	1512.	57.	15.
1826	0000	-889	37.5454	80.9234	MH	0.8	2.0	7.1	2.47	0.28	8.94	1515.	57.	13.
1827	0000	-889	37.5454	80.9228	MH	0.8	2.1	7.0	2.48	0.30	8.41	1521.	57.	11.
1828	0000	-891	37.5454	80.9222	MH	0.8	2.3 +	7.4	2.73	0.31	8.71	1561.	56.	8.
1829	0000	-890	37.5455	80.9217	MH	0.9	2.6 +	7.7	3.09	0.34 +	9.03	1590.	57.	6.
1830	0000	-889	37.5455	80.9212	MH	0.8	2.6 +	7.6	3.10	0.34 +	9.00	1586.	54.	5.
1831	0000	-893	37.5455	80.9205	MH	0.8	2.6 +	7.3	3.04	0.35 +	8.67	1569.	54.	5.
1832	0000	-894	37.5455	80.9200	MH	0.9	2.7 +	7.4	3.05	0.36 +	8.47	1563.	52.	4.
1833	0000	-895	37.5455	80.9194	MH	0.9	2.7 +	7.9	2.92	0.34	8.67	1606.	53.	4.
1834	0000	-897	37.5455	80.9189	MH	1.0	2.6 +	8.0	2.71	0.33	8.26	1620.	54.	5.
1835	0000	-897	37.5455	80.9183	MH	0.9	2.9 ++	8.0	3.03	0.36 +	8.42	1655.	54.	6.
1836	0000	-895	37.5455	80.9178	MH	1.1	2.4 +	7.7	2.33	0.32	7.35	1709.	52.	7.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-896	37.5455	80.9172	MH	1.2 +	2.3 +	7.9	1.97	0.29	6.73	1785.	51.	9.
1838	1000	-897	37.5455	80.9166	MH	1.2 +	2.6 +	7.8	2.15	0.33	6.58	1847.	49.	12.
1839	1000	-897	37.5455	80.9160	MH	1.2 +	2.3 +	7.6	1.95	0.31	6.37 -	1903.	51.	14.
1840	1000	-897	37.5455	80.9155	MH	1.2 +	2.2	6.8	1.90	0.33	5.79 -	1884.	51.	17.
1841	1000	-897	37.5455	80.9149	MH	1.1 +	2.0	6.6	1.79	0.31	5.74 -	1878.	49.	19.
1842	1000	-898	37.5456	80.9143	MH	1.1 +	1.9	5.7	1.69	0.34	4.99 --	1843.	49.	20.
1843	1000	-898	37.5456	80.9137	MH	1.1	2.0	5.3	1.85	0.38 +	4.89 --	1750.	51.	20.
1844	1000	-897	37.5456	80.9130	(WATER)	0.9	2.1	5.1	2.32	0.41	5.71	1635.	52.	19.
1845	1000	-898	37.5456	80.9124	(WATER)	0.8	1.6	4.8	1.96	0.35	5.66	1519.	53.	17.
1846	1000	-898	37.5456	80.9117	(WATER)	0.8	1.8	4.2	2.31	0.42	5.49	1398.	53.	15.
1847	0000	-895	37.5456	80.9111	(WATER)	0.7	1.7	4.1	2.51	0.42	5.99	1321.	51.	13.
1848	0000	-896	37.5456	80.9104	(WATER)	0.7	1.6	4.1	2.53	0.40	6.28	1265.	50.	11.
1849	0000	-895	37.5456	80.9099	(WATER)	0.6	1.6	4.4	2.58	0.37	7.00	1229.	49.	9.
1850	0000	-893	37.5456	80.9092	(WATER)	0.6	1.8	5.1	3.03	0.35	8.70	1252.	48.	8.
1851	0000	-893	37.5456	80.9086	(WATER)	0.7	1.7	5.1	2.38	0.33	7.22	1297.	47.	9.
1852	0000	-894	37.5456	80.9079	(WATER)	0.8	1.9	5.8	2.39	0.32	7.42	1387.	46.	9.
1853	0000	-893	37.5456	80.9073	(WATER)	0.8	1.9	6.5	2.29	0.29	7.85	1470.	45.	11.
1854	0000	-894	37.5456	80.9066	MBF-2	0.9	1.9	7.1	2.05	0.26	7.78	1548.	44.	12.
1855	0000	-895	37.5456	80.9061	MBF-2	1.0	2.1	7.1	2.08	0.29	7.13	1617.	43.	13.
1856	0000	-896	37.5456	80.9054	MBF-2	1.1	1.9	7.4	1.78	0.26	6.86	1667.	43.	14.
1857	0000	-897	37.5456	80.9048	MH	1.2 +	1.7	7.3	1.49	0.24	6.19 -	1715.	45.	16.
1858	0000	-896	37.5456	80.9041	MH	1.2 +	1.7	7.6	1.45	0.23	6.37 -	1767.	47.	16.
1859	0000	-895	37.5456	80.9035	MH	1.2 +	1.7	7.5	1.44	0.23	6.31 -	1776.	49.	16.
1860	0000	-895	37.5456	80.9029	MH	1.2 +	1.8	7.3	1.43 -	0.24	5.95 -	1801.	48.	17.
1861	0000	-898	37.5456	80.9022	MH	1.2 +	2.0	7.3	1.63	0.27	5.93 -	1827.	49.	17.
1862	0000	-899	37.5456	80.9016	MH	1.2 +	1.9	7.8	1.56	0.25	6.26 -	1840.	50.	17.
1863	0000	-898	37.5456	80.9009	MH	1.3 +	2.0	7.8	1.59	0.26	6.13 -	1855.	48.	18.
1864	0000	-899	37.5456	80.9004	MH	1.2 +	2.3 +	7.8	1.85	0.29	6.38 -	1858.	45.	18.
1865	0000	-900	37.5456	80.8997	MH	1.3 +	2.2	7.9	1.76	0.28	6.19 -	1864.	44.	20.
1866	0000	-898	37.5456	80.8991	MH	1.3 +	2.4 +	7.8	1.82	0.31	5.88 -	1885.	45.	20.
1867	0000	-898	37.5456	80.8984	MH	1.3 +	2.4 +	8.0	1.83	0.29	6.22 -	1880.	45.	21.
1868	0000	-899	37.5456	80.8978	MH	1.3 +	2.1	8.1	1.57	0.26	6.04 -	1903.	46.	22.
1869	0000	-898	37.5456	80.8972	MH	1.3 +	2.1	7.8	1.60	0.27	6.04 -	1919.	45.	24.
1870	0000	-897	37.5456	80.8966	MH	1.3 +	2.0	8.0	1.51	0.25	6.14 -	1932.	48.	23.
1871	0000	-900	37.5456	80.8959	MH	1.3 +	2.0	8.0	1.53	0.25	6.06 -	1953.	50.	23.
1872	0000	-900	37.5456	80.8953	MH	1.3 +	2.1	8.0	1.58	0.26	6.11 -	1974.	48.	23.
1873	0000	-898	37.5456	80.8947	MH	1.3 +	1.8	7.9	1.40 -	0.23	6.13 -	1953.	47.	22.
1874	0000	-898	37.5456	80.8940	MH	1.3 +	1.7	7.9	1.31 -	0.21	6.24 -	1939.	47.	22.
1875	0000	-896	37.5456	80.8934	MH	1.2 +	1.7	8.1 +	1.39 -	0.21	6.57	1929.	48.	21.
1876	0000	-895	37.5456	80.8927	MH	1.2 +	1.7	8.3 +	1.41 -	0.20	6.93	1902.	50.	21.
1877	0000	-900	37.5456	80.8921	MBF-2	1.2	1.7	8.2	1.45	0.20	7.13	1850.	49.	21.
1878	0000	-899	37.5456	80.8915	MBF-2	1.1	1.5	7.9	1.40	0.19 -	7.24	1774.	50.	21.
1879	0000	-894	37.5456	80.8908	MBF-2	1.0	1.5	7.7	1.45	0.19 -	7.71	1710.	52.	20.
1880	0000	-895	37.5456	80.8902	MBF-2	1.0	1.6	7.9	1.58	0.20	7.88	1731.	52.	20.
1881	0000	-895	37.5456	80.8896	MBF-2	1.1	1.8	7.9	1.68	0.23	7.41	1793.	49.	19.
1882	0000	-897	37.5456	80.8890	MBF-2	1.1	1.9	7.9	1.73	0.24	7.28	1798.	47.	18.
1883	0000	-900	37.5456	80.8883	MBF-2	1.1	2.1	8.0	1.97	0.27	7.38	1815.	44.	16.
1884	0000	-900	37.5456	80.8877	MBF-2	1.1	2.2	8.1	2.02	0.27	7.39	1849.	44.	15.
1885	0000	-899	37.5456	80.8870	MBF-2	1.1	2.2	8.3	2.00	0.27	7.49	1904.	42.	15.
1886	0000	-900	37.5456	80.8865	MBF-2	1.1	2.3	8.4	2.05	0.27	7.47	1959.	43.	14.
1887	0000	-897	37.5455	80.8858	MBF-2	1.1	2.5 +	8.4	2.20	0.30	7.43	1975.	45.	15.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-896	37.5455	80.8851	MBF-2	1.2	2.2	8.6 +	1.87	0.25	7.39	1944.	47.	15.
1889	0000	-898	37.5455	80.8845	MBF-2	1.2	2.0	8.5	1.74	0.24	7.24	1934.	48.	17.
1890	0000	-899	37.5455	80.8839	MBF-2	1.2	1.9	8.4	1.59	0.22	7.11	1940.	50.	18.
1891	0000	-899	37.5455	80.8833	MBF-2	1.2	1.9	8.5	1.63	0.23	7.16	1974.	49.	18.
1892	0000	-898	37.5455	80.8826	MBF-2	1.2	1.9	8.9 +	1.55	0.21	7.36	1993.	49.	19.
1893	0000	-897	37.5455	80.8820	MBF-2	1.2	1.8	8.7 +	1.45	0.21	7.07	1980.	48.	19.
1894	0000	-898	37.5455	80.8814	MBF-2	1.2	1.5	8.9 +	1.25 -	0.17 -	7.20	1962.	45.	19.
1895	0000	-898	37.5455	80.8807	MBF-2	1.2	1.8	8.7 +	1.45	0.20	7.17	1967.	46.	20.
1896	0000	-899	37.5455	80.8801	MBF-2	1.2	2.0	9.2 +	1.66	0.22	7.56	2012.	45.	19.
1897	0000	-898	37.5455	80.8795	MBF-2	1.3	2.1	9.6 +	1.65	0.22	7.63	2064.	44.	19.
1898	0000	-896	37.5455	80.8788	MBF-2	1.3	2.1	9.8 +	1.64	0.22	7.58	2078.	45.	19.
1899	0000	-896	37.5455	80.8782	MBF-2	1.3	2.4 +	9.4 +	1.82	0.26	7.01	2092.	44.	18.
1900	0000	-897	37.5455	80.8775	MBF-2	1.4 +	2.5 +	9.3 +	1.87	0.27	6.82	2095.	43.	18.
1901	0000	-897	37.5456	80.8769	MBF-2	1.4 +	2.5 +	9.2 +	1.85	0.27	6.72	2092.	44.	17.
1902	0000	-897	37.5456	80.8763	MBF-2	1.3	2.6 +	9.1 +	1.96	0.29	6.85	2093.	44.	15.
1903	0000	-896	37.5456	80.8757	MBF-2	1.4 +	2.5 +	9.0 +	1.82	0.28	6.60	2073.	45.	15.
1904	0000	-896	37.5456	80.8750	MBF-2	1.4 +	2.5 +	8.9 +	1.85	0.28	6.56	2048.	47.	13.
1905	0000	-895	37.5456	80.8744	MBF-2	1.4 +	2.5 +	8.6	1.85	0.30	6.24	2044.	47.	12.
1906	0000	-895	37.5456	80.8737	MBF-2	1.4 +	2.3	9.0 +	1.65	0.26	6.42	2035.	48.	11.
1907	0000	-897	37.5456	80.8731	MBF-2	1.4 +	2.4 +	9.0 +	1.75	0.27	6.45	2028.	50.	10.
1908	0000	-898	37.5456	80.8725	MBF-2	1.4 +	2.6 +	8.7 +	1.92	0.30	6.33	2005.	51.	9.
1909	0000	-897	37.5456	80.8719	MBF-2	1.3	2.4 +	8.5	1.84	0.29	6.42	1936.	51.	8.
1910	0000	-897	37.5456	80.8712	MBF-2	1.2	2.5 +	8.0	2.01	0.31	6.40	1871.	50.	7.
1911	0000	-897	37.5456	80.8705	MBF-2	1.2	2.3	7.6	1.82	0.30	6.13	1788.	50.	7.
1912	0000	-894	37.5456	80.8700	MBF-2	1.2	2.0	7.6	1.75	0.26	6.62	1693.	51.	7.
1913	0000	-895	37.5456	80.8694	MBF-2	1.1	1.8	7.3	1.69	0.25	6.73	1640.	52.	7.
1914	0000	-898	37.5456	80.8687	MBF-2	1.0	1.5	7.4	1.51	0.21	7.33	1604.	52.	7.
1915	0000	-895	37.5456	80.8680	MBF-2	1.0	1.4 -	7.8	1.31	0.17 -	7.62	1612.	51.	8.
1916	0000	-894	37.5456	80.8674	MBF-2	1.1	1.3 -	7.8	1.25 -	0.17 -	7.34	1634.	51.	9.
1917	0000	-896	37.5456	80.8669	MH	1.1	1.4	7.9	1.32 -	0.18 -	7.49	1658.	51.	9.
1918	0000	-896	37.5456	80.8662	MH	1.0	1.4	8.2 +	1.37 -	0.18 -	7.85	1697.	50.	9.
1919	0000	-896	37.5456	80.8655	MH	1.1	1.6	8.3 +	1.48	0.19 -	7.66	1735.	48.	9.
1920	0000	-898	37.5456	80.8649	MH	1.1	1.9	8.6 +	1.71	0.22	7.86	1757.	49.	8.
1921	0000	-898	37.5456	80.8643	MH	1.1	2.0	8.5 +	1.83	0.23	7.89	1748.	49.	9.
1922	0000	-899	37.5456	80.8636	MH	1.0	2.0	8.5 +	2.01	0.23	8.60	1708.	52.	9.
1923	0000	-896	37.5456	80.8630	MH	0.9	2.1	8.4 +	2.27	0.25	9.14	1664.	51.	8.
1924	0000	-894	37.5456	80.8624	MH	0.9	2.0	8.3 +	2.30	0.24	9.56	1601.	52.	7.
1925	0000	-893	37.5456	80.8617	MH	0.8	2.0	8.0	2.50	0.25	9.91	1539.	52.	7.
1926	0000	-892	37.5456	80.8611	MH	0.7	1.9	7.7	2.62	0.25	10.45	1492.	52.	8.
1927	0000	-894	37.5456	80.8605	MH	0.7	1.8	7.4	2.61	0.25	10.63	1441.	53.	9.
1928	0000	-896	37.5456	80.8598	MH	0.7	1.7	7.2	2.45	0.23	10.44	1420.	53.	8.
1929	0000	-895	37.5456	80.8592	MH	0.7	2.0	7.3	3.08	0.28	11.11 +	1429.	50.	7.
1930	0000	-896	37.5456	80.8586	MH	0.7	2.3 +	7.2	3.26	0.31	10.38	1472.	50.	6.
1931	0000	-897	37.5456	80.8579	MH	0.8	2.2	7.5	2.79	0.29	9.60	1517.	49.	6.
1932	0000	-896	37.5456	80.8573	MH	0.8	2.2	7.5	2.81	0.29	9.53	1541.	49.	6.
1933	0000	-896	37.5456	80.8566	MH	0.8	2.2	7.5	2.84	0.30	9.44	1532.	50.	5.
1934	0000	-897	37.5456	80.8561	MH	0.8	2.4 +	7.2	3.12	0.33	9.53	1490.	48.	4.
1935	0000	-897	37.5456	80.8554	MH	0.7	2.5 +	7.1	3.59 +	0.35 +	10.31	1431.	48.	4.
1936	0000	-896	37.5456	80.8548	MH	0.7	2.1	6.4	3.13	0.33	9.42	1330.	49.	5.
1937	0000	-896	37.5456	80.8541	MH	0.6	1.9	6.0	3.21	0.32	10.08	1212.	49.	4.
1938	0000	-896	37.5456	80.8535	MH	0.5 -	1.9	5.1 -	3.81 +	0.36 +	10.45	1095.	51.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-895	37.5456	80.8529	MH	0.4 -	1.7	4.4 -	3.99 +	0.39 +	10.20	993.	51.	4.
1940	0000	-893	37.5456	80.8522	MH	0.4 -	1.6	4.0 -	4.17 +	0.41 +	10.22	933.	50.	5.
1941	0000	-892	37.5456	80.8516	MH	0.4 -	1.5	3.7 --	4.26 +	0.41 +	10.40	899.	52.	6.
1942	0000	-893	37.5456	80.8509	MH	0.4 -	1.5	3.3 --	4.09 +	0.44 +	9.23	877.	53.	7.
1943	0000	-895	37.5456	80.8504	MH	0.4 -	1.5	3.5 --	4.02 +	0.42 +	9.51	882.	51.	7.
1944	0000	-897	37.5456	80.8497	MH	0.3 -	1.4	3.7 --	3.92 +	0.37 +	10.48	894.	51.	8.
1945	0000	-896	37.5456	80.8491	MH	0.3 -	1.3	3.8 -	4.10 +	0.35 +	11.73 +	905.	52.	10.
1946	0000	-892	37.5456	80.8484	MH	0.3 -	1.5	3.6 --	4.47 +	0.41 +	10.91 +	913.	53.	11.
1947	0000	-893	37.5456	80.8478	MH	0.3 -	1.6	3.7 --	5.43 ++	0.43 +	12.64 +	896.	55.	11..
1948	0000	-898	37.5456	80.8472	MH	0.3 -	1.5	3.7 --	5.25 ++	0.41 +	12.82 +	888.	54.	11.
1949	0000	-897	37.5456	80.8466	MH	0.3 -	1.4	3.8 --	5.04 +	0.37 +	13.63 +	873.	53.	11.
1950	0000	-895	37.5456	80.8459	MH	0.2 -	1.4	3.6 --	5.66 ++	0.39 +	14.55 ++	856.	54.	11.
1951	0000	-896	37.5456	80.8452	MH	0.3 -	1.2 -	3.6 --	4.36 +	0.35 +	12.42 +	833.	55.	10.
1952	0000	-895	37.5455	80.8447	MH	0.3 -	1.3	3.7 --	4.19 +	0.37 +	11.47 +	859.	55.	8.
1953	0000	-895	37.5455	80.8440	MH	0.4 -	1.3	4.4 -	3.80 +	0.30	11.92 +	919.	54.	6.
1954	0000	-898	37.5455	80.8434	MH	0.5 -	1.3	5.0 -	2.60	0.27	9.58	1036.	52.	5.
1955	0000	-899	37.5455	80.8427	MH	0.6	1.7	5.7	2.69	0.29	9.30	1169.	50.	3.
1956	0000	-897	37.5455	80.8421	MH	0.8	1.9	6.3	2.39	0.31	7.84	1311.	50.	2.
1957	0000	-897	37.5455	80.8415	MH	0.9	2.1	7.0	2.36	0.30	7.79	1413.	50.	1.
1958	0000	-898	37.5455	80.8408	MH	0.9	2.4 +	7.4	2.74	0.32	8.48	1480.	51.	1.
1959	0000	-898	37.5455	80.8402	MH	0.8	2.6 +	7.9	3.07	0.33	9.39	1498.	49.	1.
1960	0000	-896	37.5455	80.8396	MH	0.8	2.5 +	7.9	3.14	0.32	9.91	1472.	49.	2.
1961	0000	-895	37.5455	80.8390	MH	0.7	2.5 +	7.5	3.75 +	0.33	11.22 +	1392.	53.	3.
1962	0000	-897	37.5455	80.8383	MH	0.6	2.4 +	6.8	4.04 +	0.35 +	11.57 +	1291.	55.	5.
1963	0000	-897	37.5455	80.8377	MH	0.4 -	2.1	6.6	4.77 +	0.32	14.80 ++	1186.	54.	7.
1964	0000	-895	37.5455	80.8371	MH	0.4 -	1.8	6.0	4.32 +	0.30	14.38 ++	1122.	52.	8.
1965	0000	-896	37.5455	80.8365	MH	0.5 -	1.6	5.8	3.39 +	0.27	12.38 +	1120.	51.	10.
1966	0000	-895	37.5454	80.8358	MH	0.6	1.3	5.6	2.17	0.23	9.32	1173.	50.	12.
1967	0000	-894	37.5454	80.8353	MBF-2	0.8 -	1.2 -	6.0 -	1.61	0.20	7.93	1296.	50.	13.
1968	0000	-896	37.5454	80.8347	MBF-2	0.9	1.2 -	6.7	1.28	0.18 -	7.15	1405.	48.	13.
1969	0000	-898	37.5454	80.8340	MBF-2	1.1	1.2 -	7.3	1.11	0.16 -	6.83	1512.	47.	14.
1970	0000	-899	37.5454	80.8334	MBF-2	1.1	1.4 -	7.5	1.25 -	0.19 -	6.72	1585.	46.	14.
1971	0000	-899	37.5454	80.8329	MBF-2	1.1	1.3 -	7.4	1.17 -	0.18 -	6.51	1627.	49.	14.
1972	0000	-897	37.5453	80.8322	MBF-2	1.1	1.5	7.5	1.36	0.21	6.58	1629.	49.	14.
1973	0000	-900	37.5453	80.8316	MBF-2	1.1	1.6	7.4	1.49	0.21	6.93	1592.	51.	14.
1974	0000	-899	37.5453	80.8309	MBF-2	1.0	1.9	6.8	1.94	0.28	6.91	1502.	49.	14.
1975	0000	-896	37.5452	80.8304	MBF-2	0.9	2.0	6.2	2.16	0.33	6.61	1484.	49.	14.
1976	0000	-898	37.5452	80.8297	MBF-2	0.9	2.0	5.7 -	2.21	0.36 +	6.18	1460.	50.	14.
1977	0000	-900	37.5452	80.8291	MBF-2	1.0	2.0	6.0 -	1.98	0.33	6.03	1493.	50.	13.
1978	0000	-898	37.5452	80.8285	MBF-2	1.1	2.3	6.7	2.11	0.34 +	6.23	1572.	49.	12.
1979	0000	-898	37.5452	80.8279	MBF-2	1.2	2.4	6.7	2.03	0.35 +	5.73 -	1667.	49.	11.
1980	0000	-898	37.5452	80.8273	MBF-2	1.3	2.6 +	6.5	1.98	0.40 +	4.95 -	1738.	50.	10.
1981	0000	-898	37.5451	80.8267	MBF-2	1.4 +	2.6 +	6.8	1.85	0.38 +	4.85 --	1799.	53.	10.
1982	0000	-898	37.5451	80.8261	MBF-2	1.4 +	2.4	6.9	1.66	0.35 +	4.82 --	1814.	53.	8.
1983	0000	-898	37.5451	80.8255	MBF-2	1.4 +	2.3	7.4	1.57	0.31	5.13 -	1857.	53.	8.
1984	0000	-899	37.5451	80.8248	MBF-2	1.4 +	2.3	7.3	1.63	0.32	5.16 -	1894.	54.	9.
1985	0000	-900	37.5451	80.8243	MBF-2	1.4 +	2.5 +	7.5	1.77	0.34 +	5.23 -	1952.	54.	8.
1986	0000	-899	37.5450	80.8236	MBF-2	1.4 +	2.8 +	8.3	1.93	0.33	5.79 -	2001.	53.	8.
1987	0000	-901	37.5450	80.8230	MBF-2	1.5 +	2.9 +	9.2 +	1.96	0.31	6.26	2094.	51.	8.
1988	0000	-900	37.5450	80.8224	MBF-2	1.4 +	3.2 ++	9.7 +	2.20	0.32	6.78	2157.	48.	8.
1989	0000	-898	37.5450	80.8218	MBF-2	1.4 +	3.4 ++	10.1 ++	2.37	0.33	7.10	2192.	46.	9.

CP 9 LP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-896	37.5450	80.8212	MH	1.4 +	3.7 +++	10.2 ++	2.63	0.36 +	7.29	2203.	44.	8.
1991	0000	-896	37.5449	80.8205	MH	1.4 +	3.7 +++	10.5 ++	2.66	0.35 +	7.50	2199.	45.	8.
1992	0000	-897	37.5449	80.8199	MH	1.4 +	3.4 +++	10.4 ++	2.48	0.33	7.59	2147.	47.	8.
1993	0000	-896	37.5449	80.8194	MH	1.4 +	3.0 ++	10.5 ++	2.20	0.29	7.65	2118.	48.	9.
1994	0000	-896	37.5449	80.8187	MH	1.3 +	3.1 ++	10.3 ++	2.42	0.30	8.21	2056.	49.	9.
1995	0000	-896	37.5448	80.8181	MH	1.2 +	2.7 +	10.1 ++	2.21	0.27	8.24	2033.	50.	10.
1996	0000	-892	37.5448	80.8174	MBF-2	1.2	2.8 +	9.9 +	2.30	0.28	8.11 +	2032.	53.	10.
1997	0000	-891	37.5448	80.8169	MBF-2	1.3	2.7 +	10.1 ++	2.12	0.26	8.01	2037.	55.	10.
1998	0000	-894	37.5448	80.8162	MBF-2	1.3	2.6 +	10.2 ++	2.00	0.25	7.95	2038.	53.	10.
1999	0000	-893	37.5448	80.8156	MBF-2	1.2	2.7 +	10.0 ++	2.17	0.26	8.22 +	2020.	50.	10.
2000	0000	-892	37.5448	80.8150	MBF-2	1.2	2.5 +	9.4 +	2.08	0.27	7.67	1963.	50.	9.
2001	0000	-892	37.5447	80.8144	MBF-2	1.2	2.1	8.7 +	1.72	0.24	7.17	1900.	50.	10.
2002	0000	-891	37.5447	80.8138	MBF-2	1.2	2.0	8.5	1.62	0.23	7.02	1834.	51.	10.
2003	0000	-892	37.5447	80.8132	MBF-2	1.2	1.7	8.4	1.47	0.21	7.13	1776.	52.	10.
2004	0000	-894	37.5447	80.8126	MBF-2	1.1	1.6	8.0	1.47	0.20	7.17	1741.	50.	11.
2005	0000	-892	37.5447	80.8120	MBF-2	1.1	1.7	7.7	1.57	0.23	6.94	1731.	52.	12.
2006	0000	-891	37.5446	80.8113	MBF-2	1.2	1.6	7.4	1.40	0.22	6.34	1757.	51.	13.
2007	0000	-892	37.5446	80.8108	MBF-2	1.2	1.7	7.6	1.42	0.23	6.30	1815.	51.	15.
2008	0000	-895	37.5446	80.8101	MBF-2	1.3	2.1	8.0	1.70	0.27	6.38	1910.	49.	15.
2009	0000	-895	37.5445	80.8095	MBF-2	1.3	2.3	8.0	1.81	0.29	6.23	1981.	50.	16.
2010	0000	-893	37.5445	80.8089	MBF-2	1.3	2.5 +	8.3	1.93	0.30	6.44	2052.	48.	17.
2011	0000	-894	37.5445	80.8083	MBF-2	1.3 +	2.4	8.4	1.77	0.28	6.24	2038.	49.	17.
2012	0000	-894	37.5445	80.8077	MBF-2	1.4 +	2.3	8.2	1.69	0.28	5.97	2017.	49.	17.
2013	0000	-891	37.5445	80.8071	MBF-2	1.3	2.4	8.2	1.80	0.29	6.16	2001.	51.	16.
2014	0000	-889	37.5445	80.8064	MBF-2	1.3	2.4 +	8.4	1.86	0.29	6.44	1971.	50.	15.
2015	0000	-891	37.5444	80.8058	MBF-2	1.3	2.0	8.5	1.53	0.24	6.40	1916.	51.	16.
2016	0000	-893	37.5444	80.8052	MBF-2	1.3 +	2.0	8.6	1.50	0.23	6.41	1898.	47.	15.
2017	0000	-893	37.5444	80.8046	MBF-2	1.4 +	1.6	8.4	1.13 -	0.19 -	5.82	1880.	47.	16.
2018	0000	-890	37.5444	80.8040	MBF-2	1.4 +	1.8	8.5	1.29	0.21	6.03	1902.	48.	16.
2019	0000	-890	37.5444	80.8034	MBF-2	1.4 +	1.6	8.8 +	1.14 -	0.19 -	6.09	1926.	47.	16.
2020	0000	-892	37.5444	80.8027	MBF-2	1.4 +	1.5	8.9 +	1.08 -	0.17 -	6.28	1914.	48.	17.
2021	0000	-892	37.5443	80.8022	MBF-2	1.4 +	1.4 -	8.6	0.98 -	0.16 -	6.10	1891.	49.	17.
2022	0000	-890	37.5443	80.8015	MBF-2	1.4 +	1.5	8.6	1.07 -	0.17 -	6.32	1876.	50.	16.
2023	0000	-889	37.5442	80.8009	MBF-2	1.3 +	1.5	8.5	1.09 -	0.17 -	6.35	1864.	53.	16.
2024	0000	-889	37.5442	80.8003	MBF-2	1.2	1.8	8.6 +	1.41	0.20	6.93	1857.	53.	15.
2025	0000	-890	37.5442	80.7997	MBF-2	1.2	1.6	8.8 +	1.25 -	0.18 -	7.06	1858.	52.	15.
2026	0000	-890	37.5442	80.7991	MBF-2	1.2	1.9	8.8 +	1.55	0.21	7.22	1869.	51.	13.
2027	0000	-889	37.5442	80.7985	MBF-2	1.2	2.0	8.8 +	1.66	0.23	7.38	1875.	51.	13.
2028	0000	-889	37.5442	80.7978	MBF-2	1.2	2.2	8.8 +	1.87	0.25	7.46	1888.	49.	13.
2029	0000	-888	37.5441	80.7973	MBF-2	1.1	2.4 +	8.2	2.15	0.30	7.27	1893.	48.	14.
2030	0000	-887	37.5441	80.7966	MBF-2	1.1	2.4 +	8.2	2.29	0.30	7.71	1875.	49.	14.
2031	0000	-888	37.5441	80.7960	MBF-2	1.0	2.4	8.0	2.29	0.30	7.66	1852.	51.	14.
2032	0000	-889	37.5441	80.7954	MBF-2	1.0	2.5 +	7.9	2.48 +	0.32	7.74	1825.	50.	14.
2033	0000	-888	37.5441	80.7948	MBF-2	0.9	2.4	7.7	2.52 +	0.31	8.09 +	1770.	51.	13.
2034	0000	-887	37.5441	80.7942	MBF-2	0.9	2.5 +	7.5	2.67 +	0.33	8.11 +	1747.	50.	12.
2035	0000	-885	37.5440	80.7935	MBF-2	0.9	2.6 +	7.3	2.88 +	0.36 +	8.08 +	1737.	50.	11.
2036	0000	-881	37.5440	80.7930	MBF-2	0.9	2.7 +	7.9	3.04 +	0.34 +	8.83 +	1738.	51.	9.
2037	0000	-881	37.5440	80.7924	MBF-2	1.0	2.8 +	7.8	2.85 +	0.36 +	7.99	1740.	50.	8.
2038	0000	-884	37.5439	80.7917	MBF-2	1.0	3.0 ++	7.7	3.12 +	0.39 +	8.09 +	1732.	51.	7.
2039	0000	-883	37.5439	80.7912	MBF-2	1.0	3.0 ++	7.3	3.11 +	0.41 ++	7.59	1757.	50.	7.
2040	0000	-882	37.5439	80.7905	MBF-2	1.0	3.0 ++	7.8	3.00 +	0.38 +	7.84	1788.	49.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-883	37.5439	80.7899		MH	1.0	2.7 ++	7.4	2.69	0.37 +	7.27	1790.	51.	10.
2042	0000	-883	37.5439	80.7892		MH	1.1	2.4 +	7.6	2.31	0.32	7.23	1813.	52.	12.
2043	0000	-882	37.5438	80.7887		MH	1.1	2.2	7.4	2.02	0.30	6.76	1834.	52.	14.
2044	0000	-882	37.5438	80.7881		MH	1.1	2.2	7.9	2.06	0.27	7.49	1859.	50.	16.
2045	0000	-880	37.5438	80.7874		MH	1.1	1.9	8.2 +	1.69	0.23	7.39	1895.	47.	18.
2046	0000	-878	37.5437	80.7868		MH	1.1 +	1.9	8.5 +	1.66	0.22	7.57	1923.	49.	19.
2047	0000	-879	37.5437	80.7862		MH	1.1	2.0	8.0	1.82	0.25	7.26	1921.	48.	20.
2048	0000	-880	37.5437	80.7856		MH	1.1	2.2	8.3 +	2.08	0.27	7.70	1897.	49.	19.
2049	0000	-876	37.5437	80.7850		MH	1.0	2.3 +	8.3 +	2.26	0.27	8.32	1844.	47.	19.
2050	0000	-876	37.5437	80.7843		MH	1.0	2.1	8.1 +	2.14	0.26	8.10	1810.	46.	18.
2051	0000	-878	37.5437	80.7838		MH	1.0	2.0	7.7	1.93	0.26	7.43	1777.	48.	17.
2052	0000	-877	37.5436	80.7831		MH	1.0	2.1	7.4	2.10	0.28	7.53	1738.	47.	16.
2053	0000	-875	37.5436	80.7825		MBF-2	0.9	1.9	7.4	2.09	0.26	7.93	1681.	48.	15.
2054	0000	-874	37.5436	80.7819		MBF-2	0.9	1.8	7.4	1.92	0.25	7.79	1671.	50.	14.
2055	0000	-875	37.5435	80.7813		MBF-2	1.0	1.9	7.5	1.92	0.25	7.63	1707.	49.	14.
2056	0000	-876	37.5435	80.7807		MBF-2	1.0	1.9	7.6	1.93	0.25	7.63	1723.	51.	13.
2057	0000	-875	37.5435	80.7801		MBF-2	1.0	1.8	7.9	1.77	0.23	7.76	1723.	52.	14.
2058	0000	-876	37.5435	80.7795		MBF-2	1.0	1.9	8.1	1.80	0.23	7.85	1747.	52.	15.
2059	0000	-877	37.5435	80.7789		MBF-2	1.1	1.9	8.7 +	1.74	0.22	7.97	1788.	53.	16.
2060	0000	-877	37.5435	80.7782		MBF-2	1.2	1.9	8.7 +	1.65	0.22	7.50	1856.	51.	18.
2061	0000	-876	37.5434	80.7777		MBF-2	1.2	1.7	9.1 +	1.40	0.19 -	7.49	1908.	51.	19.
2062	0000	-876	37.5434	80.7770		MBF-2	1.2	1.5	8.9 +	1.25 -	0.17 -	7.39	1891.	51.	20.
2063	0000	-875	37.5434	80.7764		MBF-2	1.1	1.5	8.4	1.36	0.18 -	7.48	1839.	50.	21.
2064	0000	-875	37.5434	80.7757		MBF-2	1.0	1.8	7.7	1.75	0.23	7.70	1754.	50.	20.
2065	0000	-874	37.5434	80.7750		MBF-2	0.9	1.8	7.1	2.10	0.26	8.11 +	1637.	46.	18.
2066	0000	-874	37.5434	80.7744		MBF-2	0.7 -	2.0	6.1	2.78 +	0.32	8.69 +	1511.	46.	16.
2067	0000	-874	37.5434	80.7737		MBF-1	0.6 +	2.1 +	5.7 +	3.62	0.36	9.97	1369.	47.	13.
2068	0000	-871	37.5434	80.7730		MBF-1	0.4	2.4 +	4.9	6.14 +	0.49 +	12.61	1232.	48.	11.
2069	0000	-869	37.5434	80.7724		MBF-1	0.3	2.5 +	4.4	7.84 +	0.56 +	14.02 +	1160.	49.	10.
2070	0000	-871	37.5434	80.7717		MBF-1	0.3	2.6 ++	4.5	8.55 ++	0.57 +	15.08 +	1170.	47.	9.
2071	0000	-871	37.5434	80.7710		MBF-1	0.4	2.4 +	5.0	6.61 +	0.49 +	13.59	1223.	47.	8.
2072	0000	-869	37.5434	80.7703		MBF-1	0.4	2.5 +	5.2	6.29 +	0.47 +	13.29	1272.	49.	8.
2073	0000	-867	37.5435	80.7696		MBF-1	0.4	2.5 +	5.8 +	5.73 +	0.43	13.37	1319.	51.	9.
2074	0000	-864	37.5435	80.7690		MBF-1	0.5	2.5 +	6.1 +	5.30	0.41	12.90	1363.	50.	9.
2075	0000	-865	37.5435	80.7683		MBF-1	0.5	2.6 +	6.5 +	5.40 +	0.39	13.85 +	1391.	48.	8.
2076	0000	-867	37.5435	80.7677		MBF-1	0.5	2.8 ++	6.6 +	5.98 +	0.43	14.04 +	1423.	48.	9.
2077	0000	-865	37.5435	80.7669		MBF-1	0.5 +	2.8 ++	6 +	5.34 +	0.43	12.29	1441.	48.	8.
2078	0000	-864	37.5435	80.7663		MBF-1	0.5	3.0 ++	6.7 +	5.85 +	0.45	12.96	1456.	47.	8.
2079	0000	-865	37.5435	80.7657		MBF-1	0.6 +	2.8 ++	7.4 ++	5.03	0.38	13.34	1479.	50.	8.
2080	0000	-865	37.5435	80.7649		MBF-1	0.6 +	2.7 ++	7.0 ++	4.60	0.38	12.14	1487.	47.	8.
2081	0000	-864	37.5435	80.7643		MBF-1	0.6 +	2.6 ++	7.0 ++	4.34	0.36	11.90	1469.	50.	9.
2082	0000	-860	37.5435	80.7636		MBF-2	0.6 -	2.4	6.8	3.71 ++	0.35 +	10.56 ++	1441.	50.	9.
2083	0000	-860	37.5435	80.7629		MBF-2	0.6 -	2.0	6.8	3.18 +	0.30	10.65 ++	1402.	47.	11.
2084	0000	-862	37.5435	80.7623		MBF-1	0.6 +	1.8	6.6 +	3.08	0.27	11.44	1338.	46.	12.
2085	0000	-861	37.5435	80.7616		MBF-1	0.5 +	1.6	6.1 +	2.89	0.26	11.22	1272.	47.	14.
2086	0000	-860	37.5435	80.7610		MBF-1	0.5	1.6	5.4	3.16	0.30	10.62	1234.	46.	15.
2087	0000	-861	37.5435	80.7602		MBF-1	0.5	1.5	5.5 +	3.16	0.28	11.30	1218.	49.	16.
2088	0000	-861	37.5435	80.7596		MBF-1	0.5	1.7	5.3	3.72	0.33	11.44	1242.	46.	17.
2089	0000	-859	37.5435	80.7590		MBF-1	0.5	1.8	5.3	3.86	0.34	11.34	1274.	48.	18.
2090	0000	-858	37.5435	80.7582		MBF-1	0.5	1.9	5.6 +	4.02	0.35	11.58	1323.	49.	18.
2091	0000	-860	37.5435	80.7576		MBF-1	0.5 +	2.0	6.1 +	3.73	0.33	11.27	1385.	51.	18.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-359	37.5435	80.7570	MBF-1	0.5	2.3 +	6.0 +	4.45	0.39	11.54	1453.	52.	17.
2093	0000	-858	37.5436	80.7562	MBF-2	0.6 -	2.4	6.2	3.81 ++	0.38 +	10.10 ++	1512.	52.	16.
2094	0000	-857	37.5436	80.7556	MBF-2	0.7 -	2.6 +	6.3	3.67 ++	0.40 ++	9.07 +	1583.	51.	15.
2095	0000	-857	37.5436	80.7549	MBF-2	0.8 -	2.6 +	6.6	3.23 +	0.39 +	8.29 +	1651.	52.	14.
2096	0000	-857	37.5435	80.7543	MBF-2	0.9	2.6 +	6.9	2.83 +	0.37 +	7.57	1721.	50.	13.
2097	0000	-857	37.5435	80.7536	MBF-2	1.0	2.8 +	7.1	2.77 +	0.39 +	7.07	1786.	49.	12.
2098	0000	-857	37.5435	80.7529	MBF-2	1.1	2.9 ++	7.0	2.78 +	0.42 ++	6.64	1833.	49.	11.
2099	0000	-857	37.5435	80.7522	MBF-2	1.1	2.9 +	7.5	2.50 +	0.38 +	6.58	1855.	48.	11.
2100	0000	-854	37.5435	80.7515	MBF-2	1.1	3.1 ++	7.5	2.84 +	0.42 ++	6.81	1830.	46.	10.
2101	0000	-854	37.5435	80.7509	MBF-2	1.1	3.0 ++	7.4	2.73 +	0.41 ++	6.65	1786.	50.	10.
2102	0000	-856	37.5435	80.7502	MBF-2	1.1	2.8 +	7.0	2.68 +	0.40 +	6.65	1729.	50.	11.
2103	0000	-854	37.5436	80.7495	MBF-2	1.0	2.7 +	6.9	2.82 +	0.39 +	7.15	1673.	52.	11.
2104	0000	-853	37.5436	80.7489	MBF-2	0.9	2.5 +	6.8	2.81 +	0.36 +	7.77	1605.	52.	11.
2105	0000	-853	37.5436	80.7482	MBF-2	0.8 -	2.4	6.8	2.99 +	0.35 +	8.47 +	1539.	51.	11.
2106	0000	-850	37.5436	80.7475	MBF-2	0.7 -	2.4	6.3	3.50 ++	0.37 +	9.37 +	1468.	54.	11.
2107	0000	-851	37.5436	80.7469	MBF-2	0.6 -	2.2	6.1	3.40 ++	0.36 +	9.50 ++	1421.	55.	11.
2108	0000	-852	37.5436	80.7462	MBF-1	0.5 +	2.3 +	6.0 +	4.16	0.38	11.07	1379.	50.	10.
2109	0000	-851	37.5436	80.7455	MBF-1	0.5	2.4 +	6.4 +	4.78	0.37	12.83	1341.	51.	9.
2110	0000	-851	37.5436	80.7448	MBF-1	0.5 +	2.4 +	6.5 +	4.59	0.37	12.32	1332.	50.	8.
2111	0000	-852	37.5436	80.7442	MBF-1	0.6 +	2.3 +	6.3 +	4.02	0.37	10.88	1340.	53.	6.
2112	0000	-852	37.5436	80.7435	MBF-2	0.6 -	2.5 +	6.2	3.81 ++	0.40 +	9.59 ++	1387.	53.	6.
2113	0000	-853	37.5437	80.7428	MBF-2	0.8	2.5 +	6.8	3.00 +	0.37 +	8.14 +	1503.	51.	4.
2114	0000	-852	37.5437	80.7422	MBF-2	1.0	2.7 +	7.5	2.73 +	0.35 +	7.68	1632.	53.	4.
2115	0000	-850	37.5437	80.7415	MBF-2	1.1	2.7 +	8.0	2.38	0.34 +	7.06	1751.	55.	3.
2116	0000	-850	37.5437	80.7408	MBF-2	1.3	2.7 +	8.0	2.12	0.34 +	6.28	1864.	54.	4.
2117	0000	-850	37.5436	80.7401	MBF-2	1.3	2.7 +	8.2	2.07	0.33	6.34	1934.	54.	6.
2118	0000	-849	37.5436	80.7395	MBF-2	1.4 +	2.9 ++	8.6	2.13	0.34 +	6.23	2028.	51.	8.
2119	0000	-846	37.5436	80.7388	MBF-2	1.4 +	2.6 +	9.3 +	1.82	0.28	6.58	2095.	51.	10.
2120	0000	-845	37.5436	80.7381	MBF-2	1.4 +	2.6 +	9.0 +	1.88	0.28	6.59	2074.	50.	12.
2121	0000	-847	37.5436	80.7375	MBF-2	1.3	2.4	8.7 +	1.79	0.27	6.56	2026.	46.	13.
2122	0000	-845	37.5436	80.7368	MBF-2	1.2	2.1	8.4	1.70	0.25	6.69	1958.	45.	14.
2123	0000	-842	37.5437	80.7361	MBF-2	1.1	2.0	8.2	1.78	0.25	7.21	1885.	44.	15.
2124	0000	-843	37.5437	80.7354	MBF-2	1.1	2.1	7.7	1.97	0.28	7.10	1821.	42.	15.
2125	0000	-844	37.5437	80.7348	MBF-2	1.0	1.9	7.4	1.92	0.26	7.42	1729.	43.	14.
2126	0000	-842	37.5437	80.7341	MBF-2	0.9	2.1	6.4	2.39	0.33	7.26	1620.	45.	15.
2127	0000	-841	37.5437	80.7334	MBF-2	0.8 -	1.9	6.1	2.47 +	0.32	7.73	1520.	46.	14.
2128	0000	-841	37.5437	80.7327	MBF-2	0.7 -	2.1	5.6 -	2.99 +	0.37 +	8.18 +	1447.	47.	14.
2129	0000	-839	37.5437	80.7321	MBF-2	0.7 -	2.1	5.5 -	3.13 +	0.38 +	8.17 +	1406.	48.	14.
2130	0000	-839	37.5437	80.7314	MBF-2	0.7 -	2.1	5.3 -	3.02 +	0.40 +	7.49	1401.	49.	14.
2131	0000	-840	37.5437	80.7307	MBF-2	0.8	1.9	5.6 -	2.31	0.35 +	6.65	1458.	50.	14.
2132	0000	-838	37.5437	80.7301	MBF-2	0.9	2.1	6.2	2.30	0.34 +	6.83	1512.	50.	14.
2133	0000	-839	37.5437	80.7294	MBF-2	1.0	2.2	6.5	2.22	0.34 +	6.58	1603.	48.	13.
2134	0000	-841	37.5437	80.7287	MBF-2	1.1	2.3	7.0	2.04	0.33	6.14	1742.	50.	14.
2135	0000	-840	37.5437	80.7280	MBF-2	1.3	2.3	7.4	1.78	0.31	5.76 -	1877.	52.	15.
2136	0000	-838	37.5437	80.7273	MBF-2	1.3 +	2.5 +	8.2	1.88	0.31	6.10	2001.	51.	16.
2137	0000	-838	37.5437	80.7267	MBF-2	1.4 +	2.7 +	8.5	1.89	0.31	6.02	2092.	50.	17.
2138	0000	-838	37.5437	80.7261	MBF-2	1.4 +	2.8 +	8.7 +	2.00	0.32	6.29	2098.	50.	17.
2139	0000	-838	37.5437	80.7254	MBF-2	1.3 +	2.8 +	8.4	2.06	0.33	6.21	2088.	50.	18.
2140	0000	-839	37.5437	80.7247	MBF-2	1.3 +	2.6 +	8.6	1.89	0.30	6.38	2054.	50.	19.
2141	0000	-836	37.5437	80.7240	MBF-2	1.2	2.4 +	8.8 +	1.95	0.27	7.14	1986.	48.	19.
2142	0000	-833	37.5437	80.7234	MBF-2	1.1	2.3	9.1 +	2.05	0.26	7.94	1936.	47.	19.

CP 9 IP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-836	37.5438	80.7226	MBF-2	1.2	2.0	9.1 +	1.73	0.22	7.77	1898.	50.	20.
2144	0000	-836	37.5438	80.7220	MBF-2	1.2	1.5	9.1 +	1.25 -	0.16 -	7.83	1857.	50.	20.
2145	0000	-833	37.5438	80.7214	MBF-2	1.1	1.5	9.3 +	1.30	0.16 -	8.17 +	1866.	48.	20.
2146	0000	-834	37.5438	80.7206	MBF-2	1.2	1.3 -	9.6 +	1.13 -	0.14 -	8.03	1890.	48.	20.
2147	0000	-835	37.5438	80.7200	MBF-2	1.2	1.4 -	9.4 +	1.14 -	0.15 -	7.67	1911.	47.	19.
2148	0000	-832	37.5437	80.7194	MBF-2	1.3	1.8	9.3 +	1.42	0.20	7.25	1944.	47.	18.
2149	0000	-832	37.5437	80.7187	MBF-2	1.3	2.0	8.8 +	1.53	0.23	6.66	1957.	47.	16.
2150	0000	-833	37.5437	80.7180	MBF-2	1.3	2.4 +	8.3	1.89	0.29	6.42	1962.	47.	15.
2151	0000	-832	37.5437	80.7173	MBF-2	1.3	2.7 +	8.6 +	2.16	0.32	6.83	1973.	48.	12.
2152	0000	-832	37.5437	80.7167	MBF-2	1.3	2.7 +	8.3	2.13	0.33	6.42	1975.	49.	11.
2153	0000	-831	37.5438	80.7160	MBF-2	1.3	3.0 ++	8.0	2.37	0.38 +	6.30	1970.	49.	9.
2154	0000	-829	37.5438	80.7153	MBF-2	1.2	3.2 ++	7.9	2.58 +	0.40 +	6.42	1972.	50.	8.
2155	0000	-829	37.5438	80.7147	MBF-2	1.3	2.9 +	7.8	2.27	0.37 +	6.14	1981.	49.	8.
2156	0000	-828	37.5438	80.7140	MBF-2	1.3	2.7 +	8.2	2.09	0.33	6.39	1985.	48.	8.
2157	0000	-826	37.5438	80.7133	MBF-2	1.3	2.6 +	8.2	2.01	0.32	6.36	1965.	49.	7.
2158	0000	-825	37.5438	80.7126	MBF-2	1.3	2.6 +	8.0	2.05	0.33	6.23	1960.	50.	8.
2159	0000	-826	37.5438	80.7120	MBF-2	1.3	2.6 +	8.3	1.99	0.32	6.30	1976.	51.	9.
2160	0000	-825	37.5438	80.7113	MBF-2	1.4 +	2.4	8.6	1.77	0.28	6.33	1989.	52.	9.
2161	0000	-822	37.5438	80.7106	MBF-2	1.4 +	2.1	8.9 +	1.47	0.24	6.21	2002.	54.	10.
2162	0000	-825	37.5438	80.7100	MBF-2	1.5 +	2.0	9.2 +	1.35	0.21	6.32	2009.	56.	12.
2163	0000	-825	37.5439	80.7092	MBF-2	1.5 +	1.9	9.4 +	1.28	0.20	6.50	2004.	55.	13.
2164	0000	-823	37.5439	80.7086	MBF-2	1.5 +	1.4	10.0 ++	0.95 -	0.14 -	6.65	2028.	52.	14.
2165	0000	-823	37.5439	80.7079	MBF-2	1.5 +	1.3 -	10.2 ++	0.90 --	0.13 -	6.86	2036.	51.	16.
2166	0000	-824	37.5439	80.7072	MBF-2	1.4 +	1.2 -	9.9 +	0.88 --	0.13 -	7.04	2033.	49.	17.
2167	0000	-824	37.5439	80.7066	MBF-2	1.4 +	1.3 -	10.0 ++	0.95 -	0.13 -	7.27	2038.	47.	18.
2168	0000	-823	37.5439	80.7059	MBF-2	1.2	1.6	9.7 +	1.27 -	0.16 -	7.85	2015.	45.	19.
2169	0000	-822	37.5438	80.7053	MBF-2	1.2	1.6	9.5 +	1.34	0.17 -	8.01	1970.	45.	20.
2170	0000	-822	37.5438	80.7045	MBF-2	1.2	1.6	9.2 +	1.36	0.18 -	7.61	1940.	46.	21.
2171	0000	-822	37.5438	80.7039	MBF-2	1.1	1.6	8.7 +	1.41	0.19 -	7.61	1879.	47.	22.
2172	0000	-821	37.5438	80.7032	MBF-2	1.1	1.5	8.5	1.38	0.18 -	7.51	1842.	48.	22.
2173	0000	-822	37.5439	80.7025	MBF-2	1.1	1.6	8.0	1.37	0.20	7.03	1791.	48.	22.
2174	0000	-824	37.5439	80.7019	MBF-2	1.1	1.4	7.5	1.35	0.19 -	7.12	1696.	49.	22.
2175	0000	-824	37.5439	80.7012	MBF-2	1.0	1.2 -	7.0	1.19 -	0.17 -	6.90	1592.	48.	22.
2176	0000	-823	37.5439	80.7005	MBF-2	0.9	1.1 -	6.5	1.21 -	0.17 -	6.98	1499.	48.	21.
2177	0000	-824	37.5439	80.6999	MBF-2	0.8 -	1.0 -	6.2	1.28	0.16 -	7.74	1423.	49.	21.
2178	0000	-821	37.5439	80.6992	MBF-2	0.7 -	1.3 -	5.8 -	1.82	0.22	8.16 +	1382.	48.	20.
2179	0000	-819	37.5439	80.6985	MBF-2	0.7 -	1.4 -	5.7 -	2.06	0.24	8.44 +	1345.	46.	19.
2180	0000	-821	37.5439	80.6978	MBF-2	0.7 -	1.6	5.9 -	2.42 +	0.27	8.96 +	1352.	47.	17.
2181	0000	-819	37.5439	80.6972	MBF-2	0.7 -	1.8	6.1	2.44 +	0.30	8.19 +	1416.	46.	16.
2182	0000	-817	37.5439	80.6965	MG	0.8	2.1	6.6	2.44	0.31	7.79	1537.	47.	15.
2183	0000	-820	37.5439	80.6958	MG	1.0	2.3	6.9	2.31	0.33	6.95	1649.	45.	14.
2184	0000	-820	37.5439	80.6952	MG	1.1	2.6	7.0	2.31	0.36	6.34	1758.	44.	12.
2185	0000	-819	37.5439	80.6945	MG	1.2	2.8	7.5	2.35	0.37	6.26	1855.	43.	11.
2186	0000	-820	37.5439	80.6938	MG	1.3 +	3.0 +	7.7	2.41	0.39	6.15 -	1924.	43.	11.
2187	0000	-819	37.5439	80.6931	MG	1.2	3.0 +	8.1	2.39	0.37	6.55	1942.	43.	11.
2188	0000	-817	37.5439	80.6925	MG	1.2	3.0 +	8.1	2.42	0.37	6.59	1948.	46.	11.
2189	0000	-817	37.5439	80.6918	MG	1.2	3.0 +	8.4	2.47	0.36	6.92	1917.	49.	10.
2190	0000	-816	37.5439	80.6911	MG	1.2	2.9	8.6 +	2.46	0.33	7.36	1911.	50.	11.
2191	0000	-815	37.5439	80.6905	MG	1.1	2.9	9.2 +	2.72	0.32	8.51	1898.	52.	11.
2192	0000	-817	37.5439	80.6898	MG	1.2	2.7	9.3 +	2.33	0.29	8.07	1888.	54.	12.
2193	0000	-816	37.5440	80.6891	MG	1.2	2.5	9.0 +	2.05	0.28	7.35	1876.	53.	11.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-817	37.5440	80.6885	MG	1.2	2.6	8.5	2.11	0.30	6.91	1852.	53.	12.
2195	0000	-817	37.5440	80.6878	MG	1.2	2.6	7.9	2.17	0.33	6.65	1805.	51.	11.
2196	0000	-813	37.5440	80.6871	MG	1.1	2.5	7.5	2.23	0.33	6.84	1769.	50.	11.
2197	0000	-810	37.5440	80.6865	MG	1.0	2.6	7.5	2.57	0.34	7.45	1720.	49.	10.
2198	0000	-810	37.5440	80.6858	MG	1.0	2.5	7.1	2.52	0.35	7.11	1671.	49.	9.
2199	0000	-811	37.5440	80.6850	MG	0.9	2.5	6.6	2.77	0.38	7.29	1618.	47.	9.
2200	0000	-812	37.5440	80.6844	MG	0.8	2.4	6.3	3.15	0.37	8.39	1563.	48.	10.
2201	0000	-812	37.5440	80.6838	MG	0.7	2.2	6.1	2.99	0.37	8.19	1527.	47.	10.
2202	0000	-811	37.5440	80.6831	MG	0.8	2.0	6.8	2.66	0.29	9.09	1517.	48.	11.
2203	0000	-810	37.5440	80.6824	MG	0.8	1.9	6.8	2.36	0.28	8.52	1524.	48.	12.
2204	0000	-808	37.5440	80.6818	MG	0.9	2.0	7.0	2.26	0.28	8.07	1570.	48.	13.
2205	0000	-807	37.5440	80.6811	MG	1.0	1.8	7.1	1.77	0.25	7.18	1625.	46.	15.
2206	0000	-809	37.5440	80.6804	MG	1.0	1.6 -	7.7	1.55 -	0.21 -	7.42	1688.	49.	16.
2207	0000	-810	37.5440	80.6797	MG	1.2	1.7 -	8.8 +	1.42 -	0.19 -	7.50	1771.	48.	16.
2208	0000	-810	37.5440	80.6791	MG	1.2	1.6 -	9.3 +	1.34 -	0.17 --	7.86	1820.	49.	16.
2209	0000	-809	37.5440	80.6784	MG	1.2	1.9	9.3 +	1.51 -	0.20 -	7.64	1862.	48.	15.
2210	0000	-809	37.5440	80.6777	MG	1.3 +	2.0	9.3 +	1.54 -	0.22 -	7.16	1886.	48.	15.
2211	0000	-807	37.5440	80.6771	MG	1.3 +	1.6 -	9.0 +	1.19 -	0.18 -	6.78	1867.	49.	16.
2212	0000	-807	37.5440	80.6764	MG	1.3 +	1.7	8.6	1.37 -	0.20 -	6.73	1843.	51.	15.
2213	0000	-808	37.5441	80.6757	MG	1.2	1.9	8.6 +	1.57 -	0.23 -	6.94	1841.	49.	15.
2214	0000	-807	37.5441	80.6750	MG	1.2	1.9	7.8	1.61	0.25	6.52	1810.	51.	16.
2215	0000	-807	37.5441	80.6744	MG	1.2	1.9	8.0	1.57 -	0.23 -	6.77	1811.	51.	17.
2216	0000	-809	37.5441	80.6737	MG	1.2	1.7 -	8.0	1.47 -	0.21 -	6.90	1821.	51.	19.
2217	0000	-806	37.5441	80.6730	MG	1.1	1.3 -	8.5	1.18 -	0.16 --	7.41	1828.	49.	20.
2218	0000	-807	37.5441	80.6724	MG	1.1	1.4 -	8.5	1.29 -	0.17 --	7.81	1822.	52.	21.
2219	0000	-809	37.5441	80.6717	MG	1.1	1.4 -	8.9 +	1.27 -	0.15 --	8.28	1831.	52.	22.
2220	0000	-808	37.5440	80.6710	MG	1.1	1.3 -	8.7 +	1.24 -	0.15 --	8.15	1818.	53.	22.
2221	0000	-808	37.5440	80.6703	MG	1.1	1.5 -	8.6 +	1.42 -	0.18 -	8.00	1821.	54.	21.
2222	0000	-808	37.5440	80.6697	MG	1.1	1.6 -	8.7 +	1.49 -	0.19 -	7.90	1825.	54.	19.
2223	0000	-806	37.5441	80.6690	MG	1.1	1.6 -	8.9 +	1.43 -	0.18 -	7.85	1846.	54.	19.
2224	0000	-808	37.5441	80.6683	MG	1.2	1.9	8.6 +	1.63	0.22 -	7.23	1864.	55.	18.
2225	0000	-808	37.5441	80.6677	MG	1.2 +	2.2	8.3	1.81	0.27	6.71	1891.	51.	16.
2226	0000	-807	37.5441	80.6670	MG	1.3 +	2.3	8.1	1.78	0.28	6.35	1895.	50.	15.
2227	0000	-808	37.5441	80.6664	MG	1.4 +	2.3	8.0	1.68	0.29	5.86 -	1900.	50.	15.
2228	0000	-807	37.5441	80.6657	MG	1.4 +	2.2	7.9	1.58	0.28	5.68 -	1905.	49.	15.
2229	0000	-806	37.5441	80.6651	MG	1.4 +	2.3	7.7	1.72	0.30	5.68 -	1894.	48.	15.
2230	0000	-804	37.5441	80.6645	MG	1.3 +	2.3	7.6	1.80	0.30	5.92 -	1862.	50.	15.
2231	0000	-804	37.5441	80.6638	MG	1.2	2.4	8.0	1.97	0.30	6.62	1835.	50.	14.
2232	0000	-804	37.5441	80.6631	MG	1.2	2.1	8.4	1.80	0.25	7.13	1836.	52.	14.
2233	0000	-799	37.5441	80.6625	MG	1.2	2.0	8.4	1.77	0.24	7.31	1833.	53.	14.
2234	0000	-799	37.5441	80.6618	MG	1.1	2.0	8.5	1.78	0.24	7.50	1845.	50.	14.
2235	0000	-802	37.5441	80.6612	MG	1.1	2.0	8.6	1.89	0.23	8.08	1830.	51.	13.
2236	0000	-803	37.5441	80.6606	MG	1.1	1.8	8.6 +	1.62	0.21 -	7.61	1833.	52.	13.
2237	0000	-805	37.5441	80.6599	MG	1.2	1.8	8.4	1.53 -	0.22 -	6.97	1820.	51.	12.
2238	0000	-806	37.5441	80.6592	MG	1.2	1.7 -	7.9	1.37 -	0.21 -	6.46	1798.	51.	12.
2239	0000	-805	37.5441	80.6586	MG	1.2	1.9	7.4	1.61	0.26	6.23	1751.	50.	11.
2240	0000	-805	37.5441	80.6579	MBF-2	1.2	2.0	7.7	1.72	0.26	6.61	1731.	49.	9.
2241	0000	-803	37.5441	80.6573	MBF-2	1.1	2.2	7.6	1.91	0.28	6.79	1689.	50.	9.
2242	0000	-802	37.5441	80.6566	MBF-2	1.1	2.3	7.6	2.03	0.30	6.81	1649.	50.	8.
2243	0000	-805	37.5441	80.6560	MBF-2	1.0	2.5 +	6.9	2.40 +	0.35 +	6.78	1605.	48.	8.
2244	0000	-808	37.5441	80.6553	MBF-2	1.0	2.5 +	6.8	2.58 +	0.37 +	7.01	1578.	46.	7.

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FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM				GROSS CPS	COS CPS	UAIR CPS
2245	0000	-807	37.5441	80.6547	MBF-2	0.9	2.7 +	8.8	2.38 +	-	-	1563.	47.	6.
2246	0000	-807	37.5441	80.6541	MBF-2	0.9	2.6 +	7.1	2.00 +	-	-	1546.	49.	6.
2247	0000	-806	37.5441	80.6534	MBF-2	0.9	2.4 +	7.9	2.18 +	-	-	1514.	51.	5.
2248	0000	-803	37.5441	80.6527	MBF-2	0.9	2.3	7.7	2.09 +	-	-	1504.	52.	5.
2249	0000	-805	37.5440	80.6521	MBF-2	0.9	2.3	7.2	1.45 +	-	-	1578.	52.	5.
2250	0000	-810	37.5440	80.5514	MBF-2	1.0	2.3	8.0	2.23	-	-	1572.	53.	5.
2251	0000	-810	37.5440	80.6508	MBF-2	1.1	2.3	7.9	2.13	-	-	1746.	55.	5.
2252	0000	-809	37.5440	80.6501	MBF-2	1.2	2.3	8.1	2.02	-	-	1807.	55.	6.
2253	0000	-810	37.5440	80.6494	MBF-2	1.3	2.4	7.9	1.88	-	-	1867.	54.	7.
2254	0000	-810	37.5440	80.6488	MBF-2	1.4 +	2.5 +	8.0	1.87	-	-	1929.	52.	8.
2255	0000	-810	37.5440	80.6481	MBF-2	1.5 +	2.4 +	8.7 +	1.88	-	-	2018.	52.	9.
2256	0000	-812	37.5440	80.6475	MBF-2	1.5 +	2.4 +	8.1	1.59	-	-	1997.	53.	10.
2257	0000	-813	37.5440	80.6469	MBF-2	1.5 +	2.4	7.4	1.58	-	-	1926.	51.	10.
2258	0000	-814	37.5440	80.6462	MBF-2	1.4 +	2.2	7.5	1.57	-	-	1850.	51.	10.
2259	0000	-813	37.5440	80.6456	MBF-2	1.4 +	2.2	7.6	1.58	-	-	1821.	51.	10.
2260	0000	-810	37.5440	80.6449	MG	1.4 +	2.1	7.6	1.56	-	-	1810.	53.	9.
2261	0000	-810	37.5440	80.6442	MG	1.3 +	2.1	7.6	1.58	-	-	1800.	54.	8.
2262	0000	-811	37.5441	80.6436	MG	1.2	2.2	7.4	1.53	-	-	1754.	53.	7.
2263	0000	-809	37.5441	80.6429	MG	1.2	2.3	7.7	1.56	-	-	1759.	51.	6.
2264	0000	-807	37.5441	80.6423	MG	1.2	2.4	8.4	1.70	-	-	1805.	52.	5.
2265	0000	-806	37.5441	80.6417	MG	1.3 +	2.3	8.6 +	1.78	-	-	1865.	51.	7.
2266	0000	-808	37.5441	80.6410	MG	1.3 +	2.0	8.0 +	1.63	-	-	1880.	50.	9.
2267	0000	-810	37.5441	80.6404	MG	1.2 +	2.0	8.0 +	1.60	-	-	1849.	47.	10.
2268	0000	-807	37.5441	80.6397	MG	1.2	1.7 -	8.4	1.71	-	-	1798.	45.	13.
2269	0000	-807	37.5441	80.6390	MG	1.2	1.6 -	7.9	1.56	-	-	1737.	47.	15.
2270	0000	-809	37.5441	80.6384	MG	1.2	1.2 -	7.8	1.50	-	-	1701.	47.	18.
2271	0000	-810	37.5441	80.6377	MG	1.1	0.9 --	7.6	1.49	--	--	1686.	49.	20.
2272	0000	-811	37.5441	80.6371	MBF-2	1.1	1.0 -	7.8	1.53	-	-	1685.	51.	20.
2273	0000	-811	37.5441	80.6365	MBF-2	1.2	1.2 -	8.3	1.64	-	-	1721.	51.	19.
2274	0000	-811	37.5441	80.6358	MBF-2	1.3	1.1 -	8.5	1.69	--	-	1777.	53.	18.
2275	0000	-812	37.5441	80.6352	MBF-2	1.4 +	1.8	8.3	1.65			1855.	54.	16.
2276	0000	-812	37.5440	80.6345	MBF-2	1.4 +	1.8	8.9 +	1.79			1923.	53.	14.
2277	0000	-813	37.5440	80.6339	MBF-2	1.5 +	2.3	9.0 +	1.84			1963.	53.	11.
2278	0000	-817	37.5440	80.6332	MBF-2	1.5 +	2.7 +	9.1 +	1.79			1994.	53.	8.
2279	0000	-816	37.5440	80.6325	MBF-2	1.5 +	2.6 +	8.8 +	1.73			2007.	53.	7.
2280	0000	-815	37.5440	80.6319	MBF-2	1.4 +	2.8 +	8.4	1.94			1998.	54.	7.
2281	0000	-815	37.5440	80.6312	MBF-2	1.4 +	2.9 ++	8.3	2.15			1985.	54.	7.
2282	0000	-814	37.5440	80.6305	MBF-2	1.4 +	2.5 +	8.8 +	1.83			1981.	54.	8.
2283	0000	-814	37.5440	80.6299	MBF-2	1.4 +	2.4	8.5	1.71			1981.	55.	10.
2284	0000	-814	37.5440	80.6292	MBF-2	1.3	2.0	8.6	1.54			1966.	53.	12.
2285	0000	-813	37.5440	80.6286	MBF-2	1.3	1.8	8.1	1.39			1906.	52.	15.
2286	0000	-815	37.5440	80.6279	MBF-2	1.3	1.6	8.1	1.31			1864.	52.	17.
2287	0000	-814	37.5440	80.6273	MBF-2	1.3	1.5	8.3	1.23 -			1841.	50.	18.
2288	0000	-814	37.5440	80.6266	MBF-2	1.3	1.6	8.4	1.22 -			1872.	50.	20.
2289	0000	-816	37.5440	80.6260	MBF-2	1.3	1.4 -	8.6	1.07 -			1882.	50.	21.
2290	0000	-815	37.5440	80.6253	MBF-2	1.3	1.4 -	8.9 +	1.11 -			1882.	51.	20.
2291	0000	-815	37.5440	80.6247	MBF-2	1.3	1.5	8.8 +	1.19 -			1883.	53.	20.
2292	0000	-816	37.5440	80.6240	MBF-2	1.3	1.5	9.0 +	1.20 -			1900.	54.	19.
2293	0000	-815	37.5440	80.6234	MBF-2	1.3	1.6	8.9 +	1.23 -			1922.	54.	19.
2294	0000	-815	37.5440	80.6227	MBF-2	1.3	1.7	8.7 +	1.30			1924.	54.	17.
2295	0000	-819	37.5440	80.6221	MBF-2	1.4 +	1.5	8.8 +	1.12 -			1900.	55.	16.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-818	37.5440	80.6214	MBF-2	1.3 +	1.6	8.5	1.20 -	0.18 -	5.38		1863.	57.	15.
2297	0000	-814	37.5440	80.6208	MBF-2	1.3	1.7	8.4	1.26 -	0.20	5.34		1843.	56.	14.
2298	0000	-815	37.5440	80.6201	MBF-2	1.4 +	1.6	8.0	1.18 -	0.21	5.34		1845.	57.	13.
2299	0000	-818	37.5440	80.6195	MBF-2	1.5 +	1.5	8.2	1.04 -	0.18 -	5.64	-	1884.	56.	11.
2300	0000	-816	37.5440	80.6188	MBF-2	1.5 +	1.8	8.2	1.18 -	0.22	5.29	-	1923	59.	10.
2301	0000	-815	37.5440	80.6182	MBF-2	1.7 ++	1.9	8.7 +	1.11 -	0.21	5.20	-	1977.	60.	9.
2302	0000	-815	37.5440	80.6176	MBF-2	1.6 ++	2.0	8.5	1.22 -	0.23	5.21	-	1996.	61.	8.
2303	0000	-817	37.5440	80.6169	MBF-2	1.6 ++	2.1	8.3	1.27 -	0.25	5.06	-	1996.	59.	7.
2304	0000	-819	37.5440	80.6162	MBF-2	1.6 ++	2.0	8.2	1.25 -	0.25	5.08	-	1982.	57.	6.
2305	0000	-817	37.5440	80.6156	MBF-2	1.6 +	2.0	8.2	1.27 -	0.24	5.27	-	1958.	55.	5.
2306	0000	-817	37.5440	80.6149	MBF-2	1.5 +	2.1	8.0	1.45	0.27	5.45	-	1915.	56.	5.
2307	0000	-819	37.5440	80.6143	MBF-2	1.4 +	2.0	8.1	1.39	0.24	5.75	-	1881.	52.	5.
2308	0000	-818	37.5440	80.6136	MBF-2	1.3	1.8	7.7	1.35	0.24	5.74	-	1860.	51.	5.
2309	0000	-816	37.5440	80.6130	MBF-2	1.4 +	1.9	8.6	1.40	0.22	6.33		1915.	48.	6.
2310	0000	-817	37.5440	80.6124	MBF-2	1.5 +	1.9	9.1 +	1.30	0.21	6.11		1990.	49.	6.
2311	0000	-819	37.5440	80.6117	MBF-2	1.6 +	2.2	9.2 +	1.39	0.24	5.84		2048.	51.	6.
2312	0000	-819	37.5440	80.6110	MBF-2	1.7 ++	2.5 +	9.4 +	1.49	0.26	5.67	-	2130.	53.	5.
2313	0000	-820	37.5440	80.6104	MBF-2	1.8 ++	2.3	9.7 +	1.30	0.24	5.39	-	2180.	51.	5.
2314	0000	-821	37.5440	80.6097	MBF-2	1.8 ++	2.3	9.7 +	1.28	0.24	5.37	-	2189.	52.	5.
2315	0000	-819	37.5440	80.6090	MBF-2	1.8 ++	2.4	9.6 +	1.33	0.25	5.35	-	2151.	53.	4.
2316	0000	-817	37.5440	80.6084	MBF-2	1.7 ++	2.4 +	8.5	1.09	0.28	4.89	--	2063.	54.	4.
2317	0000	-816	37.5440	80.6077	MBF-2	1.6 +	2.6 +	8.3	1.63	0.31	5.30	-	2001.	52.	4.
2318	0000	-818	37.5440	80.6071	MBF-2	1.5 +	2.5 +	8.2	1.68	0.30	5.54	-	1978.	50.	5.
2319	0000	-821	37.5440	80.6064	MBF-2	1.4 +	2.1	8.1	1.53	0.25	5.93		1884.	51.	7.
2320	0000	-822	37.5440	80.6058	MBF-2	1.2	2.3	8.0	1.97	0.28	6.93		1778.	53.	8.
2321	0000	-821	37.5440	80.6051	MBF-2	1.0	2.2	7.1	2.20	0.31	7.16		1655.	53.	10.
2322	0000	-820	37.5440	80.6045	MBF-2	0.8	1.9	6.5	2.26	0.29	7.72		1513.	53.	13.
2323	0000	-819	37.5440	80.6039	MBF-2	0.7 -	1.6	6.2	2.22	0.26	8.37	+	1390.	54.	14.
2324	0000	-819	37.5440	80.6032	MBF-2	0.7 -	1.4	5.8 -	2.07	0.24	8.58	+	1310.	54.	15.
2325	0000	-819	37.5440	80.6025	MBF-2	0.7 -	1.1 -	5.7 -	1.58	0.19 -	8.21	+	1277.	55.	16.
2326	0000	-820	37.5440	80.6019	MBF-2	0.7 -	1.3 -	6.4	1.82	0.21	8.75	+	1365.	55.	16.
2327	0000	-823	37.5440	80.6012	MBF-2	0.9	1.4	6.8	1.60	0.21	7.71		1527.	53.	15.
2328	0000	-823	37.5440	80.6006	MBF-2	1.0	1.7	8.0	1.69	0.22	7.87		1723.	52.	14.
2329	0000	-823	37.5440	80.5999	MBF-2	1.3	1.9	9.7 +	1.51	0.20	7.62		1969.	51.	13.
2330	0000	-825	37.5440	80.5993	MBF-2	1.3 +	2.4 +	10.1 ++	1.79	0.24	7.50		2141.	51.	12.
2331	0000	-824	37.5440	80.5987	MBF-2	1.5 +	2.5 +	10.4 ++	1.69	0.24	7.11		2263.	51.	12.
2332	0000	-824	37.5440	80.5980	MBF-2	1.5 +	2.9 ++	10.8 ++	1.94	0.27	7.19		2310.	51.	11.
2333	0000	-824	37.5440	80.5974	MBF-2	1.5 +	3.0 ++	10.2 ++	1.93	0.29	6.60		2269.	50.	11.
2334	0000	-823	37.5440	80.5967	MBF-2	1.5 +	2.9 ++	9.5 +	1.94	0.31	6.30		2184.	50.	11.
2335	0000	-823	37.5440	80.5960	MBF-2	1.5 +	2.8 +	9.0 +	1.86	0.31	6.00		2110.	51.	12.
2336	0000	-823	37.5440	80.5954	MBF-2	1.4 +	2.7 +	8.0	1.89	0.33	5.70	-	2011.	53.	13.
2337	0000	-823	37.5440	80.5947	MBF-2	1.5 +	2.3	8.1	1.57	0.29	5.49	-	1994.	53.	14.
2338	0000	-825	37.5440	80.5941	MBF-2	1.5 +	2.3	8.3	1.57	0.28	5.59	-	1976.	52.	14.
2339	0000	-828	37.5440	80.5935	MBF-2	1.5 +	2.3	8.0	1.55	0.28	5.52	-	1979.	52.	15.
2340	0000	-826	37.5439	80.5928	MBF-2	1.4 +	2.2	8.3	1.59	0.26	6.03		1994.	52.	16.
2341	0000	-824	37.5439	80.5922	MBF-2	1.3	1.9	8.9 +	1.47	0.22	6.77		1991.	53.	17.
2342	0000	-826	37.5440	80.5914	MBF-2	1.3	1.9	9.1 +	1.51	0.21	7.14		1992.	51.	17.
2343	0000	-827	37.5440	80.5908	MBF-2	1.2	2.0	9.1 +	1.62	0.22	7.34		1992.	49.	17.
2344	0000	-825	37.5441	80.5901	MBF-2	1.2	2.1	9.1 +	1.79	0.24	7.62		1958.	48.	17.
2345	0000	-827	37.5441	80.5894	MBF-2	1.1	2.2	9.0 +	1.97	0.24	8.06		1936.	47.	17.
2346	0000	-830	37.5441	80.5888	MBF-2	1.1	2.0	9.0 +	1.80	0.22	8.20	+	1911.	49.	17.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-828	37.5441	80.5881	MBF-2	1.1	2.2	8.5	1.94	0.26	7.58	1892.	50.	16.
2348	0000	-829	37.5442	80.5875	MBF-2	1.1	2.4 +	8.8 +	2.26	0.28	8.07 +	1883.	50.	15.
2349	0000	-831	37.5442	80.5867	MBF-2	1.1	2.4 +	8.6	2.24	0.28	7.84	1880.	54.	14.
2350	0000	-828	37.5442	80.5861	MBF-2	1.1	2.6 +	8.7 +	2.30	0.29	7.80	1897.	55.	13.
2351	0000	-828	37.5442	80.5854	MBF-2	1.1	2.7 +	8.8 +	2.47 +	0.31	8.08 +	1922.	57.	11.
2352	0000	-830	37.5443	80.5847	MBF-2	1.2	2.6 +	9.1 +	2.19	0.28	7.59	1935.	57.	11.
2353	0000	-829	37.5443	80.5841	MBF-2	1.2	2.7 +	9.1 +	2.20	0.30	7.39	1942.	56.	10.
2354	0000	-830	37.5443	80.5834	MBF-2	1.3	2.4 +	9.3 +	1.85	0.26	7.11	1946.	55.	9.
2355	0000	-830	37.5443	80.5828	MBF-2	1.4 +	2.4	8.5	1.70	0.28	6.04	1970.	54.	9.
2356	0000	-831	37.5444	80.5820	MBF-2	1.5 +	2.6 +	8.7 +	1.77	0.29	6.00	1994.	51.	9.
2357	0000	-833	37.5444	80.5814	MBF-2	1.5 +	2.6 +	8.8 +	1.74	0.30	5.86	2018.	52.	9.
2358	0000	-832	37.5444	80.5807	MBF-2	1.5 +	2.5 +	8.6 +	1.64	0.29	5.69 -	2017.	51.	10.
2359	0000	-833	37.5444	80.5800	MBF-2	1.5 +	2.4	8.4	1.60	0.28	5.71 -	1984.	50.	12.
2360	0000	-835	37.5445	80.5794	MBF-2	1.4 +	2.2	8.0	1.56	0.28	5.65 -	1937.	51.	13.
2361	0000	-833	37.5445	80.5787	MBF-2	1.4 +	2.2	8.0	1.55	0.27	5.76 -	1901.	51.	14.
2362	0000	-834	37.5445	80.5780	MBF-2	1.4 +	2.2	7.8	1.62	0.28	5.79 -	1877.	50.	15.
2363	0000	-835	37.5445	80.5773	MBF-2	1.4 +	2.0	7.5	1.43	0.26	5.46 -	1856.	51.	17.
2364	0000	-836	37.5446	80.5767	MBF-2	1.3	1.7	7.2	1.38	0.24	5.45 -	1816.	50.	18.
2365	0000	-838	37.5446	80.5760	MBF-2	1.3 +	1.4	6.9	1.06 -	0.20	5.18 -	1800.	50.	19.
2366	0000	-837	37.5446	80.5753	MBF-2	1.4 +	1.4	6.7	1.04 -	0.21	4.96 -	1798.	53.	19.
2367	0000	-837	37.5446	80.5747	MBF-2	1.3 +	1.6	6.6	1.17 -	0.24	4.93 --	1793.	49.	19.
2368	0000	-838	37.5447	80.5740	MBF-2	1.3	1.6	6.8	1.18 -	0.23	5.14 -	1802.	50.	18.
2369	0000	-838	37.5447	80.5733	MBF-2	1.4 +	1.2 -	7.5	0.80 --	0.15 -	5.17 -	1852.	49.	18.
2370	0000	-838	37.5447	80.5726	MBF-2	1.5 +	1.2 -	8.2	0.83 --	0.15 -	5.47 -	1906.	50.	18.
2371	0000	-840	37.5447	80.5720	MBF-2	1.6 +	1.2 -	8.5	0.77 --	0.14 -	5.43 -	1952.	50.	18.
2372	0000	-840	37.5448	80.5714	MBF-2	1.6 ++	1.3 -	8.5	0.80 --	0.15 -	5.19 -	1959.	51.	17.
2373	0000	-840	37.5448	80.5706	MBF-2	1.7 ++	1.4 -	8.7 +	0.83 --	0.16 -	5.25 -	1961.	51.	16.
2374	0000	-838	37.5448	80.5700	MBF-2	1.7 ++	1.1 -	9.2 +	0.66 ---	0.12 --	5.41 -	1983.	53.	17.
2375	0000	-836	37.5448	80.5693	MBF-2	1.7 ++	1.1 -	9.3 +	0.68 --	0.12 --	5.58 -	1975.	51.	16.
2376	0000	-837	37.5449	80.5687	MBF-2	1.5 +	1.4	9.0 +	0.94 -	0.16 -	5.88	1930.	52.	16.
2377	0000	-835	37.5449	80.5680	MBF-2	1.5 +	1.4 -	8.6 +	0.93 -	0.16 -	5.89	1890.	53.	15.
2378	0000	-834	37.5449	80.5673	MBF-2	1.5 +	1.5	8.4	1.00 -	0.18 -	5.64 -	1883.	53.	14.
2379	0000	-839	37.5449	80.5667	MBF-2	1.5 +	1.6	8.7 +	1.12 -	0.19 -	5.99	1894.	52.	13.
2380	0000	-841	37.5450	80.5659	MBF-2	1.5 +	1.6	8.4	1.12 -	0.20	5.71 -	1912.	52.	13.
2381	0000	-840	37.5450	80.5653	MBF-2	1.5 +	1.8	8.2	1.18 -	0.21	5.53 -	1903.	55.	11.
2382	0000	-841	37.5450	80.5647	MBF-2	1.5 +	1.9	8.0	1.21 -	0.23	5.19 -	1930.	57.	11.
2383	0000	-841	37.5450	80.5640	MBF-2	1.6 ++	1.9	8.5	1.19 -	0.22	5.29 -	1970.	59.	10.
2384	0000	-839	37.5451	80.5633	MBF-2	1.6 ++	1.7	8.8 +	1.03 -	0.19 -	5.46 -	1966.	58.	10.
2385	0000	-843	37.5451	80.5627	MBF-2	1.5 +	1.8	8.7 +	1.14 -	0.20	5.64 -	1927.	58.	10.
2386	0000	-845	37.5451	80.5620	MBF-2	1.5 +	1.6	8.8 +	1.05 -	0.18 -	5.90	1906.	55.	11.
2387	0000	-843	37.5451	80.5613	MBF-2	1.4 +	1.5	8.9 +	1.07 -	0.17 -	6.33	1892.	54.	12.
2388	0000	-845	37.5452	80.5606	MBF-2	1.3 +	1.7	8.9 +	1.23 -	0.19 -	6.62	1896.	51.	13.
2389	0000	-846	37.5452	80.5600	MBF-2	1.3	1.6	8.9 +	1.24 -	0.18 -	6.79	1875.	52.	14.
2390	0000	-844	37.5453	80.5593	MG	1.3 +	1.5 -	8.3	1.21 -	0.18 -	6.56	1836.	51.	15.
2391	0000	-846	37.5452	80.5586	MG	1.2 +	1.9	7.8	1.54 -	0.25	6.24	1866.	50.	17.
2392	0000	-849	37.5453	80.5579	MG	1.3 +	1.8	8.1	1.37 -	0.22 -	6.30	1907.	48.	18.
2393	0000	-847	37.5453	80.5573	MG	1.3 +	1.8	7.7	1.37 -	0.23 -	5.96 -	1910.	50.	19.
2394	0000	-844	37.5453	80.5566	MG	1.3 +	1.8	8.1	1.36 -	0.22 -	6.17	1920.	51.	19.
2395	0000	-844	37.5453	80.5559	MG	1.3 +	2.0	8.2	1.50 -	0.24	6.32	1945.	50.	19.
2396	0000	-844	37.5454	80.5553	MG	1.3 +	2.1	8.3	1.60	0.25	6.30	1962.	49.	18.
2397	0000	-844	37.5454	80.5546	MG	1.2	2.3	8.3	1.88	0.28	6.78	1956.	48.	18.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-846	37.5455	80.5539		MG	1.1	2.2	8.4	1.92	0.26	7.34	1901.	48.	16.
2399	0000	-847	37.5455	80.5532		MG	1.0	2.5	8.2	2.43	0.30	7.97	1851.	50.	14.
2400	0000	-845	37.5455	80.5526		MG	1.0	2.5	8.4	2.48	0.30	8.20	1834.	48.	12.
2401	0000	-845	37.5455	80.5519		MG	0.9	2.8	8.0	2.98	0.34	8.66	1803.	48.	11.
2402	0000	-847	37.5456	80.5512		MG	0.9	2.8	8.1	2.97	0.34	8.64	1771.	47.	10.
2403	0000	-848	37.5456	80.5506		MG	0.9	2.6	8.2	2.91	0.32	9.20	1747.	46.	9.
2404	0000	-846	37.5456	80.5499		MG	0.9	2.4	8.3	2.53	0.29	8.72	1714.	50.	8.
2405	0000	-845	37.5456	80.5492		MG	0.9	2.2	8.5	2.50	0.26	9.51	1684.	53.	9.
2406	0000	-845	37.5456	80.5486		MG	0.9	2.0	8.2	2.21	0.24	9.04	1670.	54.	10.
2407	0000	-847	37.5457	80.5479		MG	0.8	2.1	8.3	2.56	0.25	10.22 +	1641.	56.	10.
2408	0000	-847	37.5457	80.5472		MG	0.8	1.7 -	8.8 +	2.09	0.19 -	10.87 +	1609.	55.	11.
2409	0000	-848	37.5457	80.5465		MG	0.8	1.5 -	8.6	1.93	0.17 --	11.33 +	1573.	56.	12.
2410	0000	-850	37.5457	80.5459		MG	0.7	1.4 -	8.6	1.98	0.16 --	12.38 +	1543.	56.	13.
2411	0000	-849	37.5458	80.5452		MG	0.6 -	1.4 -	8.5	2.19	0.17 --	13.29 ++	1510.	53.	13.
2412	0000	-848	37.5458	80.5445		MG	0.7	1.4 -	7.8	2.08	0.18 -	11.38 +	1477.	52.	14.
2413	0000	-848	37.5458	80.5439		MG	0.7 -	1.4 -	7.8	2.18	0.18 -	11.32 +	1448.	49.	13.
2414	0000	-848	37.5458	80.5432		MG	0.7	1.4 -	7.3	2.08	0.19 -	10.80 +	1439.	48.	13.
2415	0000	-848	37.5459	80.5425		MG	0.7	1.7 -	6.4	2.44	0.26	9.43	1431.	50.	11.
2416	0000	-848	37.5459	80.5418		MG	0.7 -	1.8	6.6	2.78	0.28	10.04	1428.	49.	9.
2417	0000	-848	37.5459	80.5412		MG	0.6 -	2.1	6.4	3.32	0.33	9.93	1419.	52.	7.
2418	0000	-850	37.5459	80.5405		MG	0.7 -	2.3	6.3	3.46	0.36	9.54	1428.	53.	6.
2419	0000	-853	37.5460	80.5398		MG	0.6 -	2.5	6.4	3.87 +	0.39	9.96	1434.	51.	4.
2420	0000	-853	37.5460	80.5392		MG	0.7 -	2.5	6.5	3.89 +	0.39	9.97	1422.	52.	3.
2421	0000	-851	37.5460	80.5385		MG	0.6 -	2.7	6.6	4.15 +	0.40	10.29 +	1403.	51.	2.
2422	0000	-851	37.5460	80.5378		MG	0.6 -	2.8	6.9	4.53 +	0.41	11.16 +	1414.	49.	1.
2423	0000	-854	37.5461	80.5371		MG	0.6 -	2.8	7.1	4.36 +	0.39	11.21 +	1424.	49.	1.
2424	0000	-852	37.5461	80.5365		MG	0.6 -	2.8	7.1	4.36 +	0.40	11.00 +	1445.	50.	1.
2425	0000	-849	37.5461	80.5359		MG	0.6 -	2.8	7.1	4.47 +	0.40	11.27 +	1474.	51.	1.
2426	0000	-850	37.5461	80.5351		MG	0.6 -	2.9	7.3	4.70 +	0.39	11.94 +	1481.	51.	0.
2427	0000	-853	37.5462	80.5345		MG	0.6 -	3.0 +	7.1	4.98 +	0.42 +	11.78 +	1485.	54.	0.
2428	0000	-853	37.5462	80.5339		MG	0.6 -	3.1 +	7.5	5.03 +	0.41	12.28 +	1495.	54.	0.
2429	0000	-853	37.5462	80.5331		MG	0.6 -	3.0 +	7.3	4.73 +	0.41	11.67 +	1492.	53.	0.
2430	0000	-852	37.5462	80.5325		MG	0.7 -	2.9	7.4	4.34 +	0.39	11.16 +	1499.	53.	0.
2431	0000	-851	37.5463	80.5318		MG	0.7	2.8	7.6	3.90 +	0.36	10.71 +	1476.	54.	0.
2432	0000	-853	37.5463	80.5312		MG	0.7	2.6	7.4	3.59	0.35	10.18 +	1469.	54.	0.
2433	0000	-855	37.5464	80.5305		MG	0.7	2.6	7.3	3.54	0.36	9.75	1480.	55.	0.
2434	0000	-856	37.5464	80.5298		MG	0.7	2.7	7.5	3.63	0.36	10.11	1497.	55.	1.
2435	0000	-858	37.5464	80.5292		MG	0.7	2.7	7.2	3.69	0.38	9.79	1506.	54.	1.
2436	0000	-860	37.5464	80.5284		MG	0.7	2.8	7.5	3.70	0.37	10.10	1527.	54.	2.
2437	0000	-862	37.5465	80.5278		MG	0.7	2.9	7.1	4.04 +	0.40	10.02	1525.	55.	2.
2438	0000	-860	37.5465	80.5271		MG	0.7	2.8	7.0	3.91 +	0.41	9.63	1542.	53.	3.
2439	0000	-860	37.5465	80.5265		MG	0.7	3.0 +	7.5	4.42 +	0.40	11.04 +	1547.	50.	3.
2440	0000	-862	37.5465	80.5258		MG	0.7	2.8	7.9	4.06 +	0.35	11.53 +	1558.	48.	4.
2441	0000	-860	37.5466	80.5251		MG	0.7	2.6	8.2	3.64	0.31	11.71 +	1578.	46.	4.
2442	0000	-859	37.5466	80.5245		MG	0.7	2.6	8.4	3.51	0.30	11.54 +	1618.	47.	5.
2443	0000	-859	37.5466	80.5237		MG	0.8	2.6	8.5	3.36	0.30	11.05 +	1634.	48.	5.
2444	0000	-857	37.5466	80.5231		MG	0.9	2.5	8.6	2.94	0.30	9.92	1674.	48.	5.
2445	0000	-859	37.5467	80.5224		MG	1.0	2.3	8.9 +	2.42	0.26	9.28	1713.	48.	5.
2446	0000	-865	37.5467	80.5218		MG	1.1	2.2	8.7 +	2.05	0.26	7.95	1746.	48.	6.
2447	0000	-865	37.5467	80.5211		MG	1.2	2.2	8.4	1.83	0.26	6.94	1802.	50.	6.
2448	0000	-863	37.5467	80.5204		MG	1.3 +	2.3	8.2	1.77	0.28	6.31	1835.	51.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-864	37.5468	80.5197	MG	1.4 +	2.4	8.1	1.71	0.29	5.85 -	1848.	52.	6.
2450	0000	-861	37.5468	80.5190	MG	1.4 +	2.5	8.0	1.79	0.31	5.77 -	1864.	52.	6.
2451	0000	-861	37.5468	80.5184	MG	1.4 +	2.5	8.0	1.80	0.32	5.67 -	1889.	53.	6.
2452	0000	-865	37.5468	80.5177	MG	1.4 +	2.9	8.3	2.12	0.35	6.08 -	1922.	55.	5.
2453	0000	-865	37.5469	80.5171	MG	1.4 +	2.7	8.5	1.99	0.32	6.21	1954.	56.	5.
2454	0000	-865	37.5469	80.5164	MG	1.3 +	2.8	8.5	2.13	0.33	6.36	1914.	58.	4.
2455	0000	-868	37.5469	80.5157	MG	1.2 +	2.7	8.3	2.18	0.33	6.65	1860.	59.	4.
2456	0000	-866	37.5469	80.5150	MG	1.2	2.4	8.5	1.94	0.28	7.02	1823.	59.	5.
2457	0000	-863	37.5470	80.5144	MG	1.2 +	2.2	8.6 +	1.76	0.25	6.89	1798.	57.	4.
2458	0000	-866	37.5470	80.5137	MG	1.2	1.9	8.6 +	1.66	0.23 -	7.32	1740.	56.	5.
2459	0000	-866	37.5470	80.5130	MG	1.2	1.7 -	7.9	1.42 -	0.21 -	6.80	1676.	55.	6.
2460	0000	-865	37.5470	80.5124	MG	1.1	1.7	7.6	1.56 -	0.23 -	6.86	1624.	54.	6.
2461	0000	-866	37.5471	80.5117	MG	1.1	1.6	7.7	1.53 -	0.21 -	7.12	1609.	52.	6.
2462	0000	-866	37.5471	80.5110	MG	1.1	1.6 -	7.7	1.41 -	0.20 -	6.91	1630.	52.	6.
2463	0000	-865	37.5471	80.5104	MG	1.1	1.8	7.3	1.66	0.25	6.65	1645.	53.	5.
2464	0000	-865	37.5471	80.5097	MG	1.1	1.9	7.1	1.64	0.26	6.23	1664.	55.	5.
2465	0000	-866	37.5472	80.5090	MG	1.2	1.9	7.2	1.63	0.26	6.16 -	1662.	52.	4.
2466	0000	-867	37.5472	80.5083	MG	1.1	2.0	7.5	1.72	0.26	6.53	1658.	50.	3.
2467	0000	-863	37.5472	80.5077	MG	1.1	2.2	7.2	1.95	0.31	6.37	1635.	51.	2.
2468	0000	-862	37.5472	80.5071	MG	1.1	2.2	6.9	1.92	0.32	6.03 -	1643.	51.	1.
2469	0000	-864	37.5472	80.5065	MG	1.2	2.3	7.1	1.91	0.32	5.96 -	1663.	51.	0.
2470	0000	-865	37.5472	80.5058	MG	1.3 +	2.3	7.1	1.78	0.32	5.61 -	1658.	47.	0.
2471	0000	-867	37.5472	80.5053	MG	1.2	2.2	7.1	1.82	0.31	5.81 -	1606.	48.	0.
2472	0000	-867	37.5472	80.5046	MG	1.2	2.2	7.1	1.82	0.31	5.93 -	1589.	51.	0.
2473	0000	-864	37.5472	80.5040	MG	1.2 +	2.3	7.1	1.85	0.33	5.66 -	1581.	53.	0.
2474	0000	-864	37.5472	80.5035	MG	1.2 +	2.0	7.3	1.63	0.28	5.91 -	1569.	53.	1.
2475	0000	-863	37.5472	80.5028	MG	1.2	2.1	7.3	1.71	0.29	5.98 -	1548.	51.	1.
2476	0000	-862	37.5472	80.5022	MG	1.1	2.0	7.2	1.79	0.28	6.38	1489.	50.	2.
2477	0000	-863	37.5471	80.5016	MG	1.0	1.9	7.3	1.84	0.26	6.96	1468.	53.	3.
2478	0000	-864	37.5471	80.5010	MG	1.1	1.9	7.3	1.70	0.26	6.65	1487.	54.	4.
2479	0000	-863	37.5471	80.5004	MG	1.1	1.8	7.3	1.60	0.25	6.40	1523.	53.	4.
2480	0000	-862	37.5471	80.4997	MG	1.1	1.8	7.3	1.54 -	0.24	6.44	1568.	54.	5.
2481	0000	-866	37.5471	80.4992	MG	1.2	1.7	7.5	1.47 -	0.23 -	6.34	1593.	55.	6.
2482	0000	-866	37.5471	80.4986	MG	1.2	1.8	7.6	1.50 -	0.23 -	6.42	1589.	56.	5.
2483	0000	-863	37.5471	80.4979	MG	1.2	1.8	7.2	1.57 -	0.25	6.24	1583.	57.	6.
2484	0000	-864	37.5471	80.4973	MG	1.1	1.8	7.3	1.63	0.25	6.46	1559.	54.	5.
2485	0000	-863	37.5471	80.4967	MG	1.1	1.9	7.3	1.70	0.26	6.63	1547.	55.	4.
2486	0000	-862	37.5471	80.4961	MG	1.1	1.9	7.4	1.66	0.25	6.64	1551.	56.	3.
2487	0000	-865	37.5470	80.4955	MG	1.2	1.8	7.4	1.47 -	0.24	6.17	1561.	55.	2.
2488	0000	-866	37.5470	80.4949	MG	1.2	1.9	7.5	1.56 -	0.25	6.16 -	1585.	57.	2.
2489	0000	-864	37.5470	80.4943	MG	1.3 +	1.8	7.6	1.44 -	0.24	6.06 -	1625.	54.	2.
2490	0000	-865	37.5470	80.4937	MG	1.3 +	1.8	7.7	1.40 -	0.24	5.85 -	1661.	54.	1.
2491	0000	-866	37.5470	80.4930	MG	1.3 +	1.8	7.9	1.33 -	0.23 -	5.85 -	1695.	55.	1.
2492	0000	-866	37.5470	80.4925	MG	1.3 +	2.0	8.3	1.56 -	0.24	6.48	1732.	53.	1.
2493	0000	-866	37.5470	80.4918	MG	1.2	2.3	8.8 +	1.88	0.26	7.27	1729.	51.	1.
2494	0000	-865	37.5470	80.4912	MG	1.1	2.3	8.5	2.19	0.27	8.03	1690.	50.	1.
2495	0000	-865	37.5470	80.4907	MG	1.0	2.3	8.3	2.30	0.28	8.29	1658.	48.	1.
2496	0000	-868	37.5470	80.4900	MG	0.9	2.5	8.8 +	2.83	0.29	9.82	1625.	48.	1.
2497	0000	-869	37.5470	80.4894	MG	0.9	2.4	8.9 +	2.83	0.27	10.38 +	1592.	50.	1.
2498	0000	-865	37.5470	80.4888	MG	0.8	2.4	8.8 +	2.96	0.28	10.62 +	1567.	50.	1.
2499	0000	-865	37.5470	80.4882	MG	0.8	2.1	8.5	2.49	0.25	10.12 +	1533.	50.	2.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GRUSS CPS	COS CPS	UAIR CPS
2500	0000	-868	37.5469	80.4876	MG	0.8	2.1	7.7	2.49	0.27	9.34	1493.	50.	2.
2501	0000	-865	37.5469	80.4870	MG	0.8	2.3	7.6	2.84	0.30	9.54	1474.	53.	2.
2502	0000	-864	37.5469	80.4864	MG	0.8	2.1	7.6	2.64	0.27	9.67	1441.	54.	3.
2503	0000	-867	37.5469	80.4858	MG	0.8	1.9	7.0	2.35	0.28	8.53	1411.	56.	4.
2504	0000	-868	37.5469	80.4852	MG	0.8	2.0	6.8	2.51	0.29	8.73	1389.	55.	4.
2505	0000	-871	37.5469	80.4846	MG	0.8	2.0	6.6	2.59	0.29	8.78	1359.	56.	4.
2506	0000	-870	37.5469	80.4840	MG	0.7	2.1	6.2	2.96	0.35	8.50	1325.	59.	3.
2507	0000	-868	37.5469	80.4833	MMCC	0.7	1.9	6.2	2.64	0.30	8.76	1303.	60.	3.
2508	0000	-869	37.5469	80.4828	MMCC	0.7	1.6	6.5	2.16	0.24	9.00	1272.	60.	3.
2509	0000	-871	37.5469	80.4822	MMCC	0.7	1.6	6.5	2.32	0.25	9.25	1258.	60.	2.
2510	0000	-871	37.5469	80.4815	MMCC	0.7	1.6	6.6	2.44	0.24	10.08	1252.	59.	2.
2511	0000	-871	37.5468	80.4810	MMCC	0.7	1.7	6.5	2.59	0.26	9.80	1254.	59.	1.
2512	0000	-871	37.5468	80.4803	MMCC	0.7	1.6	6.7	2.46	0.25	10.02	1268.	59.	1.
2513	0000	-872	37.5468	80.4797	MPO	0.7	1.7	7.1	2.43	0.23	10.37	1304.	58.	1.
2514	0000	-872	37.5468	80.4790	MPO	0.7	1.9	7.5	2.70	0.25	10.89	1360.	58.	1.
2515	0000	-872	37.5468	80.4785	MPO	0.7	2.0	7.5	2.78	0.27	10.16	1422.	56.	2.
2516	0000	-871	37.5468	80.4779	MPO	0.7	2.1	7.9	3.06	0.27	11.44	1481.	56.	3.
2517	0000	-873	37.5468	80.4772	MPO	0.8	2.2	8.0	2.88	0.27	10.65	1548.	57.	4.
2518	0000	-873	37.5468	80.4767	MPO	0.8	2.4 +	8.4	3.05	0.29	10.66	1631.	55.	4.
2519	0000	-871	37.5468	80.4760	DCH	0.9	2.5	8.5	2.93	0.30	9.89	1700.	54.	5.
2520	0000	-871	37.5468	80.4754	DCH	0.9	2.7	8.6	2.85	0.31	9.18	1773.	55.	5.
2521	0000	-873	37.5467	80.4748	DCH	1.0	2.8 +	8.8	2.81	0.31	8.93	1836.	55.	6.
2522	0000	-873	37.5467	80.4742	DCH	1.0	2.8 +	9.1	2.72	0.30	9.01	1897.	56.	6.
2523	0000	-871	37.5467	80.4736	DCH	1.2	2.7 +	9.2	2.31	0.29	7.86	1954.	58.	5.
2524	0000	-873	37.5467	80.4730	DCH	1.2	2.8 +	9.2	2.24	0.30	7.41	1990.	57.	4.
2525	0000	-873	37.5467	80.4724	DCH	1.3	2.5	9.3	1.98	0.27	7.37	1971.	59.	4.
2526	0000	-872	37.5467	80.4718	DCH	1.3	2.5	9.5	1.94	0.26	7.34	1956.	57.	3.
2527	0000	-870	37.5467	80.4712	DCH	1.2	2.3	9.8	1.83	0.23	7.85	1902.	57.	3.
2528	0000	-869	37.5467	80.4706	DCH	1.2	1.9	9.5	1.56	0.20	7.62	1849.	56.	3.
2529	0000	-872	37.5467	80.4700	DCH	1.2	1.9	9.2	1.56	0.21	7.43	1798.	54.	2.
2530	0000	-872	37.5467	80.4694	DB-2	1.2	2.0	8.7	1.65	0.23	7.30	1737.	52.	2.
2531	0000	-868	37.5467	80.4688	DB-2	1.2	1.8	8.5	1.50	0.21	7.18	1681.	50.	3.
2532	0000	-871	37.5467	80.4682	DB-2	1.2	1.7	8.0	1.47	0.21	6.86	1670.	49.	4.
2533	0000	-874	37.5466	80.4675	DLMU-2	1.1	1.6 -	7.7	1.40	0.21	6.78	1631.	50.	5.
2534	0000	-871	37.5466	80.4670	DLMU-2	1.2	1.6 -	7.2 -	1.34	0.22	6.19	1607.	50.	5.
2535	0000	-872	37.5466	80.4663	DLMU-1	1.1 +	1.6	6.6 +	1.43 -	0.24 -	5.96 -	1554.	49.	6.
2536	0000	-876	37.5466	80.4657	DLMU-1	1.1 +	1.4	6.1 +	1.31 -	0.23 -	5.83 -	1494.	50.	7.
2537	0000	-873	37.5466	80.4652	DLMU-1	1.0 +	1.4	6.2 +	1.36 -	0.22 -	6.16	1455.	51.	7.
2538	0000	-870	37.5466	80.4645	DLMU-1	0.9 +	1.5	6.0 +	1.55 -	0.24	6.39	1405.	54.	6.
2539	0000	-871	37.5466	80.4639	DLMU-1	0.9 +	1.6	5.6 +	1.87	0.29	6.54	1347.	54.	5.
2540	0000	-871	37.5466	80.4632	DLMU-1	0.8 +	1.6	5.3	1.98	0.30	6.63	1298.	56.	4.
2541	0000	-869	37.5466	80.4627	DLMU-1	0.7	1.5	5.3	2.08	0.29	7.19	1244.	53.	4.
2542	0000	-871	37.5466	80.4621	DLMU-1	0.7	1.7	4.9	2.33	0.34	6.85	1193.	55.	3.
2543	0000	-874	37.5466	80.4614	DLMU-1	0.7	1.8	5.1	2.76	0.36	7.68	1138.	54.	2.
2544	0000	-873	37.5466	80.4609	DOHL	0.6	1.7	4.8	2.88	0.36	8.01	1075.	55.	1.
2545	0000	-872	37.5466	80.4602	DOHL	0.5	1.7	4.6	3.25	0.37	8.67	998.	57.	1.
2546	0000	-871	37.5466	80.4597	DOHL	0.5	1.5	4.7	3.09	0.33	9.34	925.	59.	1.
2547	0000	-871	37.5466	80.4590	DOHL	0.4	1.6	4.6	3.75	0.35	10.61	876.	59.	1.
2548	0000	-872	37.5466	80.4584	DOHL	0.4 -	1.6	4.3	4.32 +	0.37	11.68 +	819.	62.	1.
2549	0000	-871	37.5465	80.4578	DOHL	0.3 -	1.6	4.5	5.53 +	0.36	15.30 ++	776.	63.	0.
2550	0000	-869	37.5465	80.4572	DOHL	0.3 --	1.4 -	4.0 -	5.56 ++	0.36	15.46 ++	731.	65.	1.

CP 9 IP 12

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-870	37.5465	80.4566	SCT	0.2	1.4	3.8	5.87	0.38	15.39	694.	65.	1.
2552	0000	-871	37.5465	80.4560	SCT	0.2	1.3	3.6	5.63	0.36	15.50	676.	63.	1.
2553	0000	-872	37.5465	80.4554	SCT	0.2	1.3	3.6	5.23	0.35	14.89	687.	58.	1.
2554	0000	-872	37.5465	80.4547	SCT	0.3	1.2 -	3.7	4.52	0.32 -	14.15	695.	58.	1.
2555	0000	-871	37.5465	80.4542	SCT	0.3	1.3	3.5	4.76	0.36	13.32	719.	57.	2.
2556	0000	-875	37.5465	80.4535	OTBR	0.3 -	1.1	3.4 -	3.68	0.34	10.91	753.	56.	3.
2557	0000	-875	37.5465	80.4529	OTBR	0.4	1.4	3.5 -	3.88	0.38 +	10.11	803.	55.	3.
2558	0000	-869	37.5465	80.4524	OTBR	0.4	1.3	3.8 -	3.30	0.34 +	9.65	847.	54.	4.
2559	0000	-870	37.5465	80.4517	OTBR	0.4	1.4	3.9 -	3.61	0.35 +	10.27	887.	53.	4.
2560	0000	-873	37.5465	80.4511	OTBR	0.3	1.4	3.9 -	3.97	0.35 +	11.26	892.	56.	5.
2561	0000	-874	37.5465	80.4505	OM	0.3 -	1.3	3.7 -	3.84 +	0.36 +	10.57	894.	58.	7.
2562	0000	-873	37.5464	80.4499	OM	0.4 -	1.3	3.6 -	3.40	0.35 +	9.83	891.	55.	7.
2563	0000	-871	37.5464	80.4493	OM	0.4 -	1.2	3.8 -	3.13	0.31	10.24	875.	56.	8.
2564	0000	-870	37.5464	80.4487	OM	0.3 -	1.1	3.6 -	3.29	0.30	10.78	844.	58.	8.
2565	0000	-870	37.5464	80.4481	OM	0.3 -	1.1	3.3 -	3.82 +	0.34 +	11.12	806.	58.	8.
2566	0000	-870	37.5464	80.4475	OM	0.3 -	0.9 -	3.5 -	2.97	0.27	11.08	785.	58.	9.
2567	0000	-873	37.5464	80.4469	OM	0.3 -	0.9 -	3.1 -	2.89	0.30	9.66	755.	60.	9.
2568	0000	-873	37.5464	80.4463	OM	0.3 -	1.0 -	3.1 -	3.11	0.31	10.11	742.	58.	8.
2569	0000	-870	37.5464	80.4457	OM	0.3 --	1.0 -	3.0 -	3.54	0.32	10.96	725.	60.	8.
2570	0000	-870	37.5464	80.4450	OM	0.3 --	1.1	2.8 --	4.32 +	0.39 +	10.93	704.	59.	6.
2571	0000	-872	37.5464	80.4445	OB-1	0.2 -	1.1	2.9 -	4.44 +	0.38	11.66 +	693.	59.	5.
2572	0000	-873	37.5464	80.4438	OB-1	0.2 -	1.3	2.8 -	5.71 +	0.47 +	12.17 +	693.	58.	4.
2573	0000	-872	37.5464	80.4432	OB-1	0.2 -	1.4	2.8 -	5.95 +	0.49 +	12.06 +	686.	56.	3.
2574	0000	-871	37.5464	80.4427	OB-1	0.2 -	1.3	3.0 -	5.57 +	0.44	12.59 +	688.	54.	2.
2575	0000	-870	37.5463	80.4420	OB-1	0.2 --	1.4	2.7 -	6.70 ++	0.51 +	13.14 +	668.	57.	2.
2576	0000	-867	37.5463	80.4414	OB-1	0.2 --	1.5	2.5 --	7.76 ++	0.61 +	12.73 +	663.	57.	2.
2577	0000	-868	37.5463	80.4407	OB-1	0.2 --	1.5	2.5 --	9.43 ++	0.63 ++	15.05 +	664.	55.	2.
2578	0000	-871	37.5463	80.4402	OB-1	0.2 --	1.5	2.7 -	8.40 ++	0.57 +	14.69 +	889.	52.	2.
2579	0000	-867	37.5463	80.4396	OB-1	0.2 --	1.4	2.9 -	7.34 ++	0.48 +	15.45 +	711.	53.	2.
2580	0000	-868	37.5463	80.4389	OB-1	0.2 --	1.5	2.8 -	7.72 ++	0.52 +	14.80 +	736.	55.	2.
2581	0000	-872	37.5463	80.4384	OB-1	0.2 --	1.6	3.1 -	8.03 ++	0.52 +	15.48 +	787.	55.	2.
2582	0000	-867	37.5463	80.4377	OB-1	0.2 -	1.6	3.4 -	6.73 ++	0.48 +	14.05 +	824.	54.	2.
2583	0000	-867	37.5463	80.4371	OB-1	0.3 -	1.5	3.7	5.35 +	0.41	12.96 +	853.	53.	2.
2584	0000	-871	37.5463	80.4365	OB-1	0.3 -	1.7	4.0	5.43 +	0.42	13.00 +	892.	56.	2.
2585	0000	-869	37.5463	80.4359	OB-1	0.3 -	1.8	3.8	6.33 +	0.47 +	13.57 +	902.	58.	3.
2586	0000	-870	37.5462	80.4353	OB-1	0.3 -	1.9	3.8	6.63 ++	0.51 +	13.00 +	914.	55.	3.
2587	0000	-873	37.5462	80.4347	OB-1	0.3 -	1.9	3.8	7.57 ++	0.51 +	14.81 +	912.	55	3.
2588	0000	-871	37.5462	80.4341	OB-1	0.3 -	1.9	3.8	7.16 ++	0.50 +	14.26 +	899.	56.	4.
2589	0000	-870	37.5462	80.4335	OB-1	0.2 -	2.0 +	3.9	8.38 ++	0.51 +	16.31 +	908.	55.	5.
2590	0000	-869	37.5462	80.4329	OB-1	0.2 --	2.0 +	4.1	9.57 ++	0.48 +	19.75 ++	927.	53.	6.
2591	0000	-869	37.5462	80.4322	OB-1	0.2 -	1.9	3.9	8.91 ++	0.49 +	18.14 +	924.	51.	6.
2592	0000	-871	37.5462	80.4317	OB-1	0.3 -	1.6	4.2	5.47 +	0.38	14.31 +	931.	52.	6.
2593	0000	-870	37.5462	80.4311	OB-1	0.3 -	1.7	4.3	5.85 +	0.40	14.71 +	936.	52.	6.
2594	0000	-870	37.5462	80.4304	OB-1	0.3 -	1.8	4.2	5.35 +	0.42	12.77 +	946.	54.	6.
2595	0000	-873	37.5462	80.4299	OB-1	0.3 -	1.7	4.5	5.08 +	0.37	13.61 +	960.	54.	6.
2596	0000	-871	37.5462	80.4292	OB-1	0.3 -	1.6	4.6	4.62 +	0.34	13.67 +	972.	53.	7.
2597	0000	-869	37.5461	80.4286	OB-1	0.4 -	1.5	4.9	3.97 +	0.30	13.19 +	971.	55.	8.
2598	0000	-869	37.5461	80.4280	OB-1	0.4	1.4	4.9	3.26	0.28	11.76 +	981.	55.	8.
2599	0000	-868	37.5461	80.4274	OB-1	0.4	1.5	4.8	3.62	0.31	11.52 +	999.	53.	10.
2600	0000	-869	37.5461	80.4268	OB-1	0.5	1.3	5.3	2.76	0.25	11.15 +	1030.	56.	11.
2601	0000	-872	37.5461	80.4262	OB-1	0.5	1.2	5.8	2.23	0.20 -	11.03 +	1064.	55.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-870	37.5461	80.4256	OB-1	0.6	1.2	5.5	2.15	0.23 -	9.45	1098.	54.	12.
2603	0000	-869	37.5461	80.4250	OB-1	0.7	1.3	5.4	2.03	0.24	8.38	1137.	54.	11.
2604	0000	-872	37.5461	80.4244	OB-1	0.7	1.7	5.4	2.31	0.31	7.47	1190.	55.	9.
2605	0000	-874	37.5461	80.4237	OB-1	0.8	1.9	5.7	2.45	0.33	7.49	1234.	56.	8.
2606	0000	-873	37.5461	80.4232	OB-1	0.8	1.9	5.9	2.47	0.33	7.45	1261.	56.	6.
2607	0000	-870	37.5461	80.4226	OB-1	0.8	2.0 +	5.6	2.43	0.36	6.72	1285.	56.	5.
2608	0000	-871	37.5461	80.4220	OB-1	0.9	2.0 +	5.3	2.34	0.38	6.11	1295.	54.	3.
2609	0000	-874	37.5461	80.4214	OB-1	0.9	2.1 +	5.2	2.33	0.40	5.88	1271.	56.	3.
2610	0000	-875	37.5461	80.4209	OB-1	0.9	1.9	5.3	2.17	0.37	5.94	1241.	55.	3.
2611	0000	-876	37.5461	80.4202	OB-1	0.8	1.8	4.8	2.14	0.36	5.87	1194.	53.	4.
2612	0000	-876	37.5461	80.4197	OB-1	0.8	1.6	4.5	2.13	0.37	5.83	1136.	52.	4.
2613	0000	-874	37.5461	80.4191	OB-1	0.7	1.5	4.1	2.06	0.37	5.63	1083.	54.	5.
2614	0000	-875	37.5461	80.4186	OB-1	0.6	1.4	3.8	2.16	0.36	6.03	1012.	55.	7.
2615	0000	-874	37.5461	80.4180	OB-1	0.6	1.4	3.9	2.54	0.37	6.97	967.	55.	8.
2616	0000	-873	37.5461	80.4175	OB-1	0.5	1.4	4.0	2.94	0.35	8.49	933.	55.	8.
2617	0000	-875	37.5461	80.4169	OB-1	0.4	1.4	4.0	3.41	0.34	10.00	900.	55.	8.
2618	0000	-875	37.5461	80.4163	OB-1	0.4 -	1.2	4.1	3.13	0.29	10.96 +	869.	54.	9.
2619	0000	-875	37.5461	80.4157	OB-1	0.4 -	1.1 -	4.1	2.87	0.26	11.17 +	847.	53.	9.
2620	0000	-873	37.5461	80.4152	OB-1	0.3 -	1.1	4.1	3.52	0.27	13.04 +	837.	52.	9.
2621	0000	-872	37.5461	80.4146	OB-1	0.3 -	1.2	4.0	3.92 +	0.29	13.51 +	830.	50.	9.
2622	0000	-875	37.5461	80.4141	OB-1	0.3 -	1.0 -	3.9	3.38	0.26	13.22 +	800.	54.	9.
2623	0000	-874	37.5462	80.4135	OB-1	0.3 -	0.9 -	3.6	3.17	0.26	12.25 +	791.	53.	8.
2624	0000	-872	37.5461	80.4129	OB-1	0.3 -	1.0 -	3.5	3.41	0.28	12.30 +	784.	54.	8.
2625	0000	-876	37.5461	80.4123	OB-1	0.3 -	1.1 -	3.5	3.77 +	0.30	12.48 +	795.	54.	7.
2626	0000	-876	37.5461	80.4117	OB-1	0.3 -	1.0 -	3.6	3.21	0.27	12.02 +	814.	55.	7.
2627	0000	-875	37.5461	80.4112	OB-1	0.3 -	1.1	3.9	3.25	0.28	11.70 +	822.	55.	7.
2628	0000	-878	37.5461	80.4107	OB-1	0.3 -	1.2	4.1	3.37	0.28	12.04 +	848.	54.	6.
2629	0000	-876	37.5461	80.4101	OB-1	0.3 -	1.4	4.2	4.31 +	0.34	12.49 +	881.	52.	5.
2630	0000	-874	37.5462	80.4095	OB-1	0.3 -	1.6	4.5	4.73 +	0.35	13.69 +	919.	52.	5.
2631	0000	-877	37.5462	80.4089	OB-1	0.4 -	1.6	4.8	4.38 +	0.33	13.12 +	958.	53.	5.
2632	0000	-874	37.5462	80.4083	OB-1	0.4 -	1.6	5.0	4.27 +	0.33	13.10 +	975.	54.	4.
2633	0000	-874	37.5462	80.4078	OB-1	0.4 -	1.8	5.4	4.79 +	0.33	14.39 +	1001.	54.	4.
2634	0000	-876	37.5462	80.4073	OB-1	0.4 -	1.7	5.7	4.43 +	0.29	15.02 +	1[illegible]	55.	5.
2635	0000	-874	37.5462	80.4067	OB-1	0.4	1.5	5.6	3.61	0.27	13.39 +	1[illegible]	55.	5.
2636	0000	-873	37.5462	80.4061	OB-1	0.4	1.4	6.1 +	3.26	0.23 -	14.27 +	1091.	55.	5.
2637	0000	-875	37.5462	80.4055	OB-1	0.5	1.4	6.3 +	3.00	0.22 -	13.45 +	1115.	56.	6.
2638	0000	-873	37.5462	80.4049	OB-1	0.5	1.6	6.5 +	3.27	0.24	13.67 +	1151.	54.	6.
2639	0000	-878	37.5462	80.4044	OB-1	0.5	1.6	6.7 +	3.52	0.24	14.42 +	1181.	55.	7.
2640	0000	-881	37.5462	80.4038	OB-1	0.5	1.8	6.8 +	3.79 +	0.26	14.40 +	1206.	55.	6.
2641	0000	-878	37.5462	80.4033	OB-1	0.5	1.8	6.9 +	3.36	0.25	13.26 +	1223.	54.	6.
2642	0000	-878	37.5462	80.4027	OB-1	0.5	2.0 +	7.0 +	3.94 +	0.29	13.80 +	1216.	55.	5.
2643	0000	-877	37.5462	80.4022	OB-1	0.5	1.9	6.8 +	3.58	0.28	12.55 +	1196.	54.	5.
2644	0000	-874	37.5462	80.4016	OB-1	0.5	1.9	7.0 +	3.77 +	0.28	13.55 +	1184.	54.	5.
2645	0000	-875	37.5463	80.4010	OB-1	0.5	2.0 +	7.0 +	3.58	0.28	12.66 +	1185.	54.	5.
2646	0000	-875	37.5463	80.4004	OSP	0.6	1.9	7.1 +	3.39	0.27	12.72 +	1214.	56.	4.
2647	0000	-877	37.5462	80.3999	OSP	0.6	1.9	7.1 +	3.00	0.26	11.34 +	1240.	59.	4.
2648	0000	-878	37.5462	80.3993	OSP	0.7	2.0	6.9	3.04	0.29	10.47	1274.	60.	3.
2649	0000	-879	37.5462	80.3988	OSP	0.7	1.8	7.4 +	2.36	0.24	9.82	1326.	57.	3.
2650	0000	-882	37.5462	80.3982	OSP	0.8	1.8	7.5 +	2.34	0.24	9.60	1358.	60.	2.
2651	0000	-880	37.5462	80.3976	OSP	0.8	1.9	7.4 +	2.34	0.26	8.97	1373.	62.	3.
2652	0000	-878	37.5462	80.3970	OSP	0.8	1.9	7.2 +	2.37	0.27	8.85	1383.	62.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-880	37.5463	80.3965		OSP	0.9	2.0	7.1 +	2.28	0.28	8.21	1386.	59.	2.
2654	0000	-879	37.5463	80.3959		OSP	0.9	1.9	6.9	2.27	0.28	8.05	1390.	57.	2.
2655	0000	-878	37.5463	80.3954		OSP	0.8	2.0	7.0	2.37	0.28	8.39	1406.	56.	3.
2656	0000	-879	37.5463	80.3948		OSP	0.8	2.2	6.9	2.79	0.31	8.92	1399.	59.	2.
2657	0000	-876	37.5463	80.3942		OSP	0.7	2.1	6.8	2.85	0.31	9.25	1404.	56.	3.
2658	0000	-877	37.5463	80.3936		OSP	0.8	2.0	7.0	2.60	0.29	8.93	1423.	54.	3.
2659	0000	-878	37.5463	80.3931		OSP	0.8	2.0	7.3 +	2.59	0.27	9.57	1405.	54.	3.
2660	0000	-879	37.5463	80.3925		OSP	0.7	1.9	6.9	2.54	0.27	9.41	1357.	51.	2.
2661	0000	-878	37.5463	80.3920		OSP	0.7	1.9	6.4	2.82	0.30	9.52	1294.	51.	2.
2662	0000	-875	37.5463	80.3914		OSP	0.6	1.9	5.9	3.01	0.32	9.44	1208.	52.	2.
2663	0000	-875	37.5463	80.3909		OSP	0.6	1.8	5.7	2.83	0.31	9.16	1157.	50.	2.
2664	0000	-881	37.5463	80.3902		OSP	0.6	1.8	5.3	3.01	0.35	8.67	1108.	49.	1.
2665	0000	-883	37.5463	80.3897		OSP	0.5	1.9	5.2	3.40	0.36	9.44	1044.	51.	0.
2666	0000	-880	37.5463	80.3891		OSP	0.5	1.7	4.6	3.30	0.38	8.67	1009.	51.	0.
2667	0000	-881	37.5463	80.3886		OSP	0.5 -	1.8	4.5	3.85 +	0.41 +	9.48	978.	53.	0.
2668	0000	-881	37.5464	80.3880		OSP	0.5 -	1.6	4.7	3.38	0.34	9.78	949.	53.	1.
2669	0000	-882	37.5464	80.3874		OSP	0.4 -	1.6	4.9	3.56 +	0.33	10.93 +	939.	53.	1.
2670	0000	-883	37.5464	80.3869		OSP	0.4 -	1.6	4.7	3.64 +	0.34	10.82	933.	56.	2.
2671	0000	-882	37.5464	80.3863		OSP	0.4 -	1.4	4.7	3.31	0.31	10.75	931.	55.	3.
2672	0000	-882	37.5464	80.3857		OSP	0.4 -	1.3	4.6	2.97	0.28	10.73	934.	52.	5.
2673	0000	-882	37.5464	80.385?		OSP	0.5 -	1.4	4.5	3.06	0.31	9.80	933.	52.	5.
2674	0000	-882	37.5463	80.3846		OSP	0.5 -	1.3	4.3 -	2.82	0.30	9.45	931.	53.	6.
2675	0000	-883	37.5464	80.3840		OSP	0.5 -	1.2	4.8	2.64	0.25	10.43	947.	53.	7.
2676	0000	-883	37.5464	80.3835		OSP	0.5	0.9 -	4.6	1.79	0.21 -	8.75	952.	54.	7.
2677	0000	-885	37.5464	80.3829		OSP	0.5	0.8 -	4.5	1.59 -	0.19 -	8.58	942.	53.	7.
2678	0000	-888	37.5464	80.3823		OSP	0.5	0.9 -	4.8	1.74	0.19 -	9.09	946.	54.	6.
2679	0000	-888	37.5464	80.3817		OSP	0.6	0.9 -	4.7	1.51 -	0.18 -	8.32	954.	56.	6.
2680	0000	-889	37.5464	80.3812		OSP	0.6	0.7 -	5.0	1.33 -	0.15 -	9.04	952.	59.	6.
2681	0000	-889	37.5464	80.3806		OSP	0.6	0.7 -	5.0	1.23 -	0.14 -	8.68	964.	60.	6.
2682	0000	-887	37.5464	80.3801		OSP	0.6	0.9 -	4.8	1.63 -	0.19 -	8.65	976.	61.	6.
2683	0000	-886	37.5464	80.3795		OSP	0.5	1.0 -	5.0	1.95	0.20 -	9.66	987.	62.	6.
2684	0000	-885	37.5464	80.3789		OTBR	0.5	1.1	5.0	2.29	0.23	10.16	1000.	61.	6.
2685	0000	-886	37.5464	80.3783		OTBR	0.5	1.0	4.7	1.92	0.21	8.97	1003.	62.	7.
2686	0000	-889	37.5464	80.3777		OTBR	0.5	1.2	4.4	2.29	0.27	8.45	1005.	64.	7.
2687	0000	-890	37.5464	80.3772		OTBR	0.5	1.2	4.4	2.27	0.28	8.08 -	1030.	63.	7.
2688	0000	-889	37.5464	80.3767		OTBR	0.5	1.3	4.6	2.41	0.29	8.36	1055.	64.	6.
2689	0000	-888	37.5464	80.3761		OTBR	0.6	1.3	4.9	2.22	0.27	8.32	1069.	63.	5.
2690	0000	-888	37.5465	80.3755		OTBR	0.6	1.6	4.9	2.58	0.32	8.05 -	1092.	64.	4.
2691	0000	-887	37.5465	80.3749		OTBR	0.7	1.6	5.1	2.37	0.31	7.69 -	1114.	65.	3.
2692	0000	-886	37.5465	80.3744		OM	0.7 +	1.8 +	5.2	2.63	0.34 +	7.72	1141.	66.	1.
2693	0000	-887	37.5465	80.3738		OM	0.7 +	1.9 +	5.6	2.67	0.34	7.88	1183.	65.	0.
2694	0000	-887	37.5465	80.3733		OM	0.7 +	1.9 ++	5.6	2.71	0.35 +	7.83	1178.	63.	0.
2695	0000	-889	37.5465	80.3727		OM	0.7 +	1.8 +	5.9	2.45	0.31	7.99	1167.	63.	0.
2696	0000	-890	37.5464	80.3721		OM	0.7 +	1.8 +	5.5	2.44	0.32	7.61	1151.	64.	0.
2697	0000	-889	37.5464	80.3716		OM	0.7 +	1.6	5.5	2.28	0.29	7.72	1124.	62.	0.
2698	0000	-888	37.5465	80.3710		OM	0.7 +	1.6	5.5	2.38	0.29	8.12	1108.	62.	0.
2699	0000	-888	37.5465	80.3704		OM	0.7	1.7 +	5.4	2.55	0.31	8.28	1088.	60.	1.
2700	0000	-890	37.5465	80.3698		OM	0.6	1.5	5.5	2.47	0.28	8.98	1062.	60.	1.
2701	0000	-889	37.5465	80.3693		OM	0.6	1.4	5.5	2.17	0.25	8.73	1061.	61.	1.
2702	0000	-889	37.5465	80.3687		OM	0.6	1.3	5.4	2.15	0.25	8.59	1062.	61.	1.
2703	0000	-890	37.5465	80.3682		OM	0.6	1.3	5.4	2.09	0.24	8.63	1067.	63.	1.

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FLIGHT LINE 120, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-890	37.5465	80.3676		OM	0.6	1.4	5.3	2.21	0.26	8.63	1079.	62.	1.
2705	0000	-892	37.5465	80.3670		OM	0.6	1.5	5.1	2.53	0.29	8.68	1079.	61.	1.
2706	0000	-893	37.5465	80.3664		OM	0.6	1.3	5.3	2.34	0.25	9.42	1081.	62.	1.
2707	0000	-890	37.5465	80.3659		OM	0.5	1.4	5.4	2.64	0.26	9.98	1087.	64.	1.
2708	0000	-890	37.5465	80.3653		OJO	0.5	1.6	5.5	3.09	0.29	10.65	1090.	66.	0.
2709	0000	-891	37.5465	80.3648		OJO	0.5	1.7	5.5	3.39	0.31	11.02	1115.	65.	0.
2710	0000	-888	37.5465	80.3642		OJO	0.5	1.8 +	5.7	3.50	0.32	11.07	1157.	65.	0.
2711	0000	-891	37.5465	80.3636		OJO	0.5	1.8	5.9 +	3.24	0.30	10.90	1202.	67.	0.
2712	0000	-893	37.5465	80.3631		OJO	0.5	2.0 +	6.4 +	3.67	0.31	11.79	1249.	67.	0.
2713	0000	-890	37.5466	80.3625		OJO	0.6 +	2.1 +	6.8 +	3.66	0.31	11.85	1304.	68.	0.
2714	0000	-888	37.5466	80.3619		OJO	0.6 +	2.2 +	6.9 +	3.56	0.31	11.47	1346.	70.	0.
2715	0000	-890	37.5466	80.3614		OJO	0.6 +	2.3 +	7.3 ++	3.86	0.32	12.15	1397.	67.	0.
2716	0000	-891	37.5466	80.3608		OJO	0.6 +	2.5 +	7.4 ++	4.06	0.34 +	11.94	1426.	65.	0.
2717	0000	-888	37.5466	80.3602		ST	0.6	2.3 +	7.7 +	3.76	0.30	12.61	1414.	64.	1.
2718	0000	-888	37.5466	80.3597		ST	0.5	2.4 ++	7.8 +	4.43	0.31	14.24	1399.	63.	1.
2719	0000	-891	37.5466	80.3591		ST	0.6	2.2 +	7.8 ++	3.67	0.28	12.95	1381.	64.	2.
2720	0000	-891	37.5466	80.3585		ST	0.6	2.2 +	7.5 +	3.93	0.29	13.51	1340.	63.	2.
2721	0000	-892	37.5466	80.3580		ST	0.5	2.1 +	7.3 +	4.06	0.29	14.00	1302.	59.	3.
2722	0000	-892	37.5466	80.3574		ST	0.5	1.9	7.1 +	3.73	0.26	14.12	1245.	59.	3.
2723	0000	-890	37.5466	80.3569		ST	0.5	1.7	6.9 +	3.53	0.25	14.12	1193.	60.	3.
2724	0000	-890	37.5466	80.3563		ST	0.4	2.0 +	6.5 +	4.85 +	0.31	15.53 +	1172.	58.	3.
2725	0000	-890	37.5466	80.3557		ST	0.4	1.9	6.4	4.46	0.30	14.97	1140.	59.	4.
2726	0000	-891	37.5466	80.3551		SMC	0.4	1.7	6.4 +	4.46	0.27	16.78	1101.	59.	4.
2727	0000	-891	37.5466	80.3546		SMC	0.3	1.8 +	6.2 +	5.18	0.29	18.13 +	1083.	59.	4.
2728	0000	-891	37.5466	80.3540		SMC	0.3	1.5	6.3 +	4.65	0.24	19.00 +	1058.	61.	5.
2729	0000	-893	37.5466	80.3534		SMC	0.3	1.6	6.1	4.77	0.25	18.78 +	1043.	61.	6.
2730	0000	-893	37.5466	80.3529		SMC	0.3	1.4	5.8	4.57	0.23	19.56 +	1000.	61.	6.
2731	0000	-891	37.5466	80.3523		SMC	0.3	1.1	5.8	3.48	0.18 -	18.88 +	955.	62.	7.
2732	0000	-891	37.5466	80.3517		SMC	0.3	0.9 -	5.3	2.72	0.17 -	15.66	904.	63.	7.
2733	0000	-894	37.5466	80.3511		SMC	0.3	1.0 -	4.8	3.07	0.20 -	15.32	876.	64.	6.
2734	0000	-893	37.5466	80.3506		SMC	0.4	0.8 -	4.7	2.27 -	0.18 -	12.92	857.	63.	6.
2735	0000	-890	37.5467	80.3501		SMC	0.4	1.1	4.4	2.87	0.24	11.91	858.	62.	4.
2736	0000	-890	37.5467	80.3495		SMC	0.4	0.9 -	4.6	2.28 -	0.20 -	11.17	878.	65.	3.
2737	0000	-893	37.5467	80.3489		SMC	0.5	1.3	5.1	2.49	0.25	9.90	956.	63.	2.
2738	0000	-893	37.5467	80.3484		SMC	0.6 +	1.5	5.2	2.69	0.30	9.08 -	1047.	65.	1.
2739	0000	-892	37.5467	80.3477		SMC	0.7 +	1.8 +	5.9	2.79	0.31	9.00 -	1165.	62.	0.
2740	0000	-893	37.5467	80.3472		SMC	0.7 +	1.9 +	5.8	2.53	0.32	7.79 -	1233.	60.	1.
2741	0000	-893	37.5467	80.3467		SMC	0.8 +	2.1 +	5.8	2.69	0.36	7.54 -	1272.	60.	1.
2742	0000	-892	37.5467	80.3461		SMC	0.8 +	2.0 +	6.1	2.58	0.33	7.74 -	1298.	61.	2.
2743	0000	-893	37.5467	80.3455		SMC	0.8 +	2.3 ++	6.0	2.89	0.38	7.55 -	1325.	58.	3.
2744	0000	-892	37.5467	80.3450		SMC	0.8 +	2.3 ++	5.9	2.99	0.40	7.48 -	1331.	58.	4.
2745	0000	-892	37.5467	80.3444		SMC	0.8 +	2.2 ++	5.9	2.86	0.38	7.48 -	1339.	55.	4.
2746	0000	-894	37.5467	80.3438		SMC	0.7 +	2.2 ++	5.9	3.06	0.38	8.10 -	1334.	55.	6.
2747	0000	-896	37.5467	80.3432		SMC	0.7 +	2.2 ++	6.4 +	3.07	0.34	9.04 -	1370.	55.	6.
2748	0000	-896	37.5467	80.3427		SMC	0.7 +	2.1 ++	6.6 +	2.87	0.32	8.85 -	1395.	57.	7.
2749	0000	-895	37.5467	80.3421		SMC	0.8 +	1.9 +	6.7 +	2.37 -	0.28	8.58 -	1406.	56.	8.
2750	0000	-895	37.5467	80.3416		SMC	0.8 +	1.8 +	6.7 +	2.26 -	0.27	8.25 -	1412.	56.	8.
2751	0000	-895	37.5467	80.3410		SMC	0.8 +	1.6	7.0 +	2.12 -	0.23	9.29 -	1412.	57.	8.
2752	0000	-894	37.5467	80.3404		SMC	0.7 +	1.6	6.9 +	2.20 -	0.24	9.16 -	1401.	59.	9.
2753	0000	-895	37.5467	80.3398		SMC	0.8 +	1.5	6.9 +	1.90 -	0.22	8.59 -	1440.	60.	9.
2754	0000	-897	37.5467	80.3393		SMC	0.8 +	1.7 +	6.8 +	2.23 -	0.26	8.66 -	1458.	58.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-896	37.5467	80.3387	SMC	0.8 +	1.9 +	6.7 +	2.49	0.29	8.59 -	1[illegible]3.	59.	9.
2756	0000	-895	37.5467	80.3382	SMC	0.8 +	2.4 ++	6.1	3.16	0.39	8.08 -	1474.	58.	8.
2757	0000	-897	37.5467	80.3376	SMC	0.7 +	2.4 ++	5.7	3.35	0.42	8.04 -	1432.	58.	8.
2758	0000	-895	37.5468	80.3370	SMC	0.7 +	2.6 +++	4.7	3.82	0.55 +	6.90 -	1355.	58.	8.
2759	0000	-894	37.5468	80.3364	DO	0.6 +	2.5 +	4.7	3.92	0.53	7.39	1288.	55.	7.
2760	0000	-897	37.5468	80.3358	DO	0.6	2.4 +	4.1	4.21	0.58	7.28	1166.	55.	7.
2761	0000	-899	37.5468	80.3353	DO	0.5	2.1 +	3.5	3.97	0.59	6.68	1075.	56.	7.
2762	0000	-897	37.5468	80.3347	DO	0.5	1.9	3.5	3.69	0.55	6.76	1028.	51.	7.
2763	0000	-897	37.5468	80.3342	DO	0.5	1.9	3.4	3.62	0.55	6.57	1025.	51.	7.
2764	0000	-896	37.5467	80.3336	DO	0.5	1.9	3.9	3.67	0.50	7.40	1074.	51.	6.
2765	0000	-896	37.5468	80.3331	DO	0.6	2.1	4.4	3.64	0.47	7.74	1167.	49.	5.
2766	0000	-898	37.5468	80.3324	DO	0.7 +	2.3 +	4.2	3.32	0.53	6.22 -	1226.	51.	5.
2767	0000	-898	37.5468	80.3319	DM	0.7 ++	2.7 ++	4.7	3.91	0.57 +	6.91 --	1283.	50.	3.
2768	0000	-898	37.5[illegible]	80.3314	DM	0.7 ++	2.8 ++	5.0	4.30	0.56 +	7.67 -	1303.	52.	2.
2769	0000	-898	37.5468	80.3308	DM	0.6 +	2.8 ++	5.1	4.57	0.55 +	8.24 -	1305.	52.	2.
2770	0000	-896	37.5468	80.3302	DM	0.6 +	2.6 ++	5.2 +	4.47	0.50	9.02	1287.	53.	1.
2771	0000	-898	37.5468	80.3297	DM	0.6 +	2.3 +	5.3 +	4.09	0.43	9.57	1232.	54.	1.
2772	0000	-902	37.5468	80.3290	DM	0.5	2.0	5.7 +	4.15	0.36	11.60	1192.	54.	2.
2773	0000	-900	37.5468	80.3285	DM	0.5	1.7	6.1 +	3.77	0.28 -	13.37	1180.	52.	2.
2774	0000	-899	37.5468	80.3280	DM	0.5	1.5	6.1 +	3.04 -	0.24 -	12.55	1183.	52.	3.
2775	0000	-900	37.5468	80.3274	DM	0.5 +	1.4	6.0 +	2.74 -	0.24 -	11.48	1199.	53.	4.
2776	0000	-897	37.5468	80.3268	DM	0.6 +	1.4	6.0 +	2.56 --	0.24 -	10.83	1216.	53.	5.
2777	0000	-896	37.5468	80.3263	DM	0.5 +	1.4	6.0 +	2.69 -	0.24 -	11.10	1206.	53.	6.
2778	0000	-901	37.5468	80.3257	DM	0.5 +	1.8	5.3 +	3.37 -	0.33	10.06	1211.	54.	5.
2779	0000	-899	37.5468	80.3251	DM	0.6 +	1.6	5.1	2.74 -	0.32 -	8.43 -	1188.	53.	6.
2780	0000	-894	37.5469	80.3245	DMT	0.5	2.1 +	4.8 -	3.83 +	0.44 +	8.80	1167.	53.	5.
2781	0000	-896	37.5469	80.3240	DMT	0.5	2.1 +	4.9 -	4.05 +	0.42 +	9.67	1131.	54.	5.
2782	0000	-900	37.5469	80.3234	DMT	0.5	2.1 +	4.9 -	4.20 +	0.44 +	9.62	1114.	51.	5.
2783	0000	-899	37.5469	80.3229	DMT	0.5 -	2.1 +	4.7 -	4.19 +	0.44 +	9.54	1092.	50.	6.
2784	0000	-899	37.5469	80.3223	DMT	0.5	1.8	4.8 -	3.58	0.39	9.24	1091.	50.	8.
2785	0000	-898	37.5469	80.3217	DMT	0.5	1.8	5.2	3.52	0.35	10.00	1109.	47.	9.
2786	0000	-896	37.5468	80.3211	DMT	0.6	1.6	5.7	2.91	0.29	10.20 +	1141.	48.	11.
2787	0000	-899	37.5468	80.3206	DMT	0.5	1.5	5.6	2.77	0.27	10.30 +	1168.	48.	13.
2788	0000	-903	37.5468	80.3200	DMT	0.6	1.5	5.6	2.51	0.27	9.41	1203.	47.	14.
2789	0000	-901	37.5468	80.3194	DMT	0.6	1.2 -	5.9 +	1.80 -	0.20 -	9.13	1231.	49.	15.
2790	0000	-902	37.5468	80.3188	DMT	0.7	1.2 -	5.9 +	1.75 -	0.21 -	8.39	1274.	49.	15.
2791	0000	-902	37.5468	80.3182	DMT	0.8 +	1.4	6.1 +	1.88 -	0.23	8.00	1325.	48.	15.
2792	0000	-902	37.5468	80.3177	DH	0.9	1.2	6.2 +	1.33 -	0.19 --	7.19	1357.	49.	15.
2793	0000	-905	37.5468	80.3171	DH	0.8	1.5	5.8	1.82	0.26	6.89	1374.	48.	14.
2794	0000	-904	37.5468	80.3164	DH	0.9	1.6	5.5	1.79	0.28	6.28	1395.	46.	14.
2795	0000	-902	37.5468	80.3159	DH	0.9	1.5	5.3	1.62	0.28	5.85 -	1389.	48.	13.
2796	0000	-902	37.5468	80.3153	DH	0.9	1.6	5.2	1.67	0.30	5.56 -	1408.	48.	13.
2797	0000	-903	37.5467	80.3147	DH	0.9	1.6	5.4	1.74	0.30	5.74 -	1415.	48.	12.
2798	0000	-904	37.5467	80.3141	DH	1.0	1.6	5.4	1.69	0.30	5.63 -	1420.	47.	11.
2799	0000	-905	37.5467	80.3135	DH	1.0	1.7	5.3	1.82	0.33	5.53 -	1426.	45.	10.
2800	0000	-907	37.5467	80.3130	DH	1.0 +	1.6	5.6	1.63	0.29	5.69 -	1438.	47.	10.
2801	0000	-907	37.5467	80.3123	DH	1.0 +	1.5	5.7	1.45 -	0.26	5.50 -	1448.	50.	9.
2802	0000	-906	37.5467	80.3117	DH	1.0 +	1.6	5.8	1.58 -	0.28	5.72 -	1467.	47.	8.
2803	0000	-907	37.5466	80.3112	DH	1.0 +	1.6	5.8	1.67	0.28	6.03	1435.	47.	7.
2804	0000	-907	37.5466	80.3106	DH	1.0	1.4	5.9	1.49 -	0.24 -	6.19	1392.	46.	6.
2805	0000	-907	37.5466	80.3100	DM	0.9 ++	1.5	5.9 +	1.72 -	0.25	6.85 --	1341.	46.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-909	37.5466	80.3094 DMT	0.8 +	1.7	5.9	2.21	0.28	7.79 -	1280.	50.	4.
2807	0000	-906	37.5466	80.3088 DMT	0.7	1.6	5.4	2.33	0.29	7.96 -	1207.	51.	4.
2808	0000	-906	37.5466	80.3082 DMT	0.6	1.3 -	5.2	2.20	0.25	8.72	1117.	50.	4.
2809	0000	-912	37.5465	80.3076 DMT	0.5	1.4	5.0	2.60	0.27	9.50	1059.	52.	4.
2810	0000	-912	37.5465	80.3070 DU	0.4	1.6	4.8	3.57	0.33	10.68	1037.	52.	4.
2811	0000	-909	37.5465	80.3065 DU	0.4	1.7	4.8	4.18 +	0.36	11.60 +	1053.	55.	5.
2812	0000	-910	37.5465	80.3059 DU	0.4	1.6	4.8	3.85	0.35	11.10	1072.	58.	7.
2813	0000	-909	37.5465	80.3053 DU	0.5	1.4	4.9	2.68	0.28 -	9.53	1105.	56.	9.
2814	0000	-910	37.5465	80.3047 DU	0.5	1.7	5.0	3.06	0.33	9.32	1143.	53.	9.
2815	0000	-910	37.5465	80.3041 DU	0.5	1.9	5.1	3.47	0.36	9.52	1201.	53.	10.
2816	0000	-908	37.5465	80.3035 DU	0.6	2.0	5.3	3.31	0.38	8.77	1285.	51.	10.
2817	0000	-911	37.5464	80.3029 DU	0.8	1.9	5.5	2.42	0.35	6.87	1398.	50.	12.
2818	0000	-912	37.5464	80.3024 DU	0.8	2.1	5.5	2.47	0.37	6.62	1469.	51.	12.
2819	0000	-911	37.5464	80.3018 DU	0.9	2.3	5.7 +	2.47	0.39	6.30	1547.	48.	12.
2820	0000	-914	37.5464	80.3012 DU	0.9	2.9 +	5.7 +	3.16	0.50	6.29	1634.	48.	11.
2821	0000	-914	37.5464	80.3006 DU	1.0	3.0 +	6.0 +	2.94	0.50	5.84	1752.	47.	11.
2822	0000	-913	37.5464	80.3000 DU	1.1	3.4 ++	6.1 +	3.02	0.55 +	5.47	1850.	48.	10.
2823	0000	-915	37.5464	80.2994 DU	1.2 +	3.3 ++	6.2 +	2.81	0.54 +	5.21	1885.	49.	9.
2824	0000	-914	37.5463	80.2988 DU	1.1	3.5 ++	6.1 +	3.13	0.57 +	5.50	1867.	49.	7.
2825	0000	-912	37.5463	80.2982 DU	1.2	3.4 ++	6.0 +	2.97	0.57 +	5.20	1857.	47.	6.
2826	0000	-915	37.5463	80.2977 DU	1.2	3.6 ++	6.0 +	3.08	0.60 +	5.12	1848.	49.	5.
2827	0000	-918	37.5463	80.2971 DU	1.2 +	3.3 +	5.7 +	2.77	0.57 +	4.88	1814.	49.	6.
2828	0000	-919	37.5463	80.2966 DU	1.1	3.0 +	5.1	2.74	0.58 +	4.73	1712.	51.	6.
2829	0000	-917	37.5462	80.2959 DU	1.0	2.7	5.1	2.61	0.52 +	5.04	1629.	51.	6.
2830	0000	-916	37.5462	80.2953 DU	0.9	2.8 +	5.0	3.09	0.56 +	5.48	1568.	54.	6.
2831	0000	-918	37.5462	80.2947 DU	0.8	2.7 +	5.0	3.24	0.54 +	6.00	1521.	56.	8.
2832	0000	-918	37.5462	80.2941 DU	0.7	2.8 +	4.6	3.90	0.60 +	6.49	1479.	58.	9.
2833	0000	-918	37.5462	80.2936 DU	0.6	2.4	4.6	3.78	0.53 +	7.18	1419.	57.	10.
2834	0000	-917	37.5462	80.2930 DU	0.6	2.3	4.4	4.24 +	0.54 +	7.92	1355.	58.	11.
2835	0000	-918	37.5462	80.2923 DU	0.5	2.3	4.6	4.20 +	0.49	8.50	1323.	57.	11.
2836	0000	-920	37.5462	80.2918 DU	0.5	2.3	4.7	4.78 +	0.49	9.73	1275.	56.	11.
2837	0000	-921	37.5462	80.2912 DU	0.5	2.0	4.4	4.28 +	0.45	9.58	1221.	52.	13.
2838	0000	-920	37.5462	80.2906 DU	0.4	1.9	4.5	4.37 +	0.43	10.26	1170.	51.	12.
2839	0000	-920	37.5462	80.2901 DU	0.4	1.7	5.1	4.09	0.33	12.45 +	1138.	50.	11.
2840	0000	-920	37.5461	80.2894 DU	0.4	1.7	4.8	4.33 +	0.35	12.37 +	1132.	51.	10.
2841	0000	-921	37.5461	80.2889 DU	0.5	1.6	5.4	3.32	0.29 -	11.30	1152.	52.	9.
2842	0000	-922	37.5461	80.2882 DU	0.5	1.8	5.7 +	3.98	0.31	12.70 +	1209.	53.	8.
2843	0000	-923	37.5461	80.2876 DU	0.5	1.8	6.1 +	3.29	0.30 -	11.10	1263.	53.	7.
2844	0000	-924	37.5461	80.2871 DU	0.6	1.9	6.3 +	3.14	0.30 -	10.35	1304.	57.	6.
2845	0000	-924	37.5460	80.2865 DU	0.7	1.9	6.1 +	2.81	0.31	9.04	1327.	56.	6.
2846	0000	-923	37.5460	80.2859 DU	0.7	2.1	5.6 +	2.85	0.37	7.77	1318.	57.	5.
2847	0000	-924	37.5460	80.2854 DU	0.7	2.1	5.6	2.88	0.38	7.61	1284.	58.	5.
2848	0000	-925	37.5460	80.2848 DU	0.6	2.2	5.3	3.32	0.41	8.16	1238.	56.	4.
2849	0000	-923	37.5460	80.2841 DU	0.7	1.9	4.8	2.79	0.40	6.89	1163.	58.	4.
2850	0000	-925	37.5459	80.2835 DU	0.6	1.8	4.3	2.89	0.41	6.99	1087.	59.	4.
2851	0000	-928	37.5459	80.2830 DU	0.5	1.7	4.5	3.31	0.38	8.74	1021.	59.	4.
2852	0000	-927	37.5459	80.2824 DU	0.4	1.7	4.5	3.96	0.39	10.14	968.	61.	3.
2853	0000	-928	37.5459	80.2818 DU	0.4 -	1.7	4.4	4.27 +	0.38	11.18	930.	60.	3.
2854	0000	-930	37.5459	80.2812 DU	0.4 -	1.6	4.6	4.29 +	0.35	12.14 +	895.	61.	2.
2855	0000	-929	37.5459	80.2807 DU	0.4 -	1.5	4.4	4.21 +	0.35	11.99 +	873.	62.	2.
2856	0000	-928	37.5459	80.2800 DU	0.3 -	1.7	4.7	5.87 ++	0.36	16.14 ++	864.	61.	1.

FLIGHT LINE 60, 3163 ...A01
FLIGHT LINE 60, 3214 ...B01
FLIGHT LINE 60, 3265 ...C01
FLIGHT LINE 60, 3316 ...D01
FLIGHT LINE 60, 3367 ...E01
FLIGHT LINE 60, 3418 ...F01
FLIGHT LINE 60, 3469 ...G01
FLIGHT LINE 60, 3520 ...H01
FLIGHT LINE 60, 3571 ...I01
FLIGHT LINE 80, 1 ...J01
FLIGHT LINE 80, 52 ...K01
FLIGHT LINE 80, 103 ...L01
FLIGHT LINE 80, 154 ...M01
FLIGHT LINE 80, 205 ...A02
FLIGHT LINE 80, 256 ...B02
FLIGHT LINE 80, 307 ...C02
FLIGHT LINE 80, 358 ...D02
FLIGHT LINE 80, 409 ...E02
FLIGHT LINE 80, 460 ...F02
FLIGHT LINE 80, 511 ...G02
FLIGHT LINE 80, 562 ...H02
FLIGHT LINE 80, 613 ...I02
FLIGHT LINE 80, 664 ...J02
FLIGHT LINE 80, 715 ...K02
FLIGHT LINE 80, 766 ...L02
FLIGHT LINE 80, 817 ...M02
FLIGHT LINE 80, 868 ...A03
FLIGHT LINE 80, 919 ...B03
FLIGHT LINE 80, 970 ...C03
FLIGHT LINE 80, 1021 ...D03
FLIGHT LINE 80, 1072 ...E03
FLIGHT LINE 80, 1123 ...F03
FLIGHT LINE 80, 1174 ...G03
FLIGHT LINE 80, 1225 ...H03
FLIGHT LINE 80, 1276 ...I03
FLIGHT LINE 80, 1327 ...J03
FLIGHT LINE 80, 1378 ...K03
FLIGHT LINE 80, 1429 ...L03
FLIGHT LINE 80, 1480 ...M03
FLIGHT LINE 80, 1531 ...A04
FLIGHT LINE 80, 1582 ...B04
FLIGHT LINE 80, 1633 ...C04
FLIGHT LINE 80, 1684 ...D04
FLIGHT LINE 80, 1735 ...E04
FLIGHT LINE 80, 1786 ...F04
FLIGHT LINE 80, 1837 ...G04
FLIGHT LINE 80, 1888 ...H04
FLIGHT LINE 80, 1939 ...I04
FLIGHT LINE 80, 1990 ...J04
FLIGHT LINE 80, 2041 ...K04
FLIGHT LINE 80, 2092 ...L04
FLIGHT LINE 80, 2143 ...M04
FLIGHT LINE 80, 2194 ...A05
FLIGHT LINE 80, 2245 ...B05
FLIGHT LINE 80, 2296 ...C05
FLIGHT LINE 80, 2347 ...D05
FLIGHT LINE 80, 2398 ...E05
FLIGHT LINE 80, 2449 ...F05
FLIGHT LINE 80, 2500 ...G05
FLIGHT LINE 80, 2551 ...H05
FLIGHT LINE 80, 2602 ...I05
FLIGHT LINE 80, 2653 ...J05
FLIGHT LINE 80, 2704 ...K05
FLIGHT LINE 80, 2755 ...L05

FLIGHT LINE 80, 2806 ...M05
FLIGHT LINE 80, 2857 ...A06
FLIGHT LINE 80, 2908 ...B06
FLIGHT LINE 80, 2959 ...C06
FLIGHT LINE 80, 3010 ...D06
FLIGHT LINE 80, 3061 ...E06
FLIGHT LINE 80, 3112 ...F06
FLIGHT LINE 80, 3163 ...G06
FLIGHT LINE 80, 3214 ...H06
FLIGHT LINE 80, 3265 ...I06
FLIGHT LINE 80, 3316 ...J06
FLIGHT LINE 80, 3367 ...K06
FLIGHT LINE 80, 3418 ...L06
FLIGHT LINE 80, 3469 ...M06
FLIGHT LINE 80, 3520 ...A07
FLIGHT LINE 80, 3571 ...B07
FLIGHT LINE 100, 1 ...C07
FLIGHT LINE 100, 52 ...D07
FLIGHT LINE 100, 103 ...E07
FLIGHT LINE 100, 154 ...F07
FLIGHT LINE 100, 205 ...G07
FLIGHT LINE 100, 256 ...H07
FLIGHT LINE 100, 307 ...I07
FLIGHT LINE 100, 358 ...J07
FLIGHT LINE 100, 409 ...K07
FLIGHT LINE 100, 460 ...L07
FLIGHT LINE 100, 511 ...M07
FLIGHT LINE 100, 562 ...A08
FLIGHT LINE 100, 613 ...B08
FLIGHT LINE 100, 664 ...C08
FLIGHT LINE 100, 715 ...D08
FLIGHT LINE 100, 766 ...E08
FLIGHT LINE 100, 817 ...F08
FLIGHT LINE 100, 868 ...G08
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FLIGHT LINE 100, 1174 ...M08
FLIGHT LINE 100, 1225 ...A09
FLIGHT LINE 100, 1276 ...B09
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FLIGHT LINE 100, 1480 ...F09
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FLIGHT LINE 100, 1633 ...I09
FLIGHT LINE 100, 1684 ...J09
FLIGHT LINE 100, 1735 ...K09
FLIGHT LINE 100, 1786 ...L09
FLIGHT LINE 100, 1837 ...M09
FLIGHT LINE 100, 1888 ...A10
FLIGHT LINE 100, 1939 ...B10
FLIGHT LINE 100, 1990 ...C10
FLIGHT LINE 100, 2041 ...D10
FLIGHT LINE 100, 2092 ...E10
FLIGHT LINE 100, 2143 ...F10
FLIGHT LINE 100, 2194 ...G10
FLIGHT LINE 100, 2245 ...H10
FLIGHT LINE 100, 2296 ...I10
FLIGHT LINE 100, 2347 ...J10
FLIGHT LINE 100, 2398 ...K10

FLIGHT LINE 100, 2449 ...L10
FLIGHT LINE 100, 2500 ...M10
FLIGHT LINE 100, 2551 ...A11
FLIGHT LINE 100, 2602 ...B11
FLIGHT LINE 100, 2653 ...C11
FLIGHT LINE 100, 2704 ...D11
FLIGHT LINE 100, 2755 ...E11
FLIGHT LINE 100, 2806 ...F11
FLIGHT LINE 100, 2857 ...G11
FLIGHT LINE 100, 2908 ...H11
FLIGHT LINE 100, 2959 ...I11
FLIGHT LINE 100, 3010 ...J11
FLIGHT LINE 100, 3061 ...K11
FLIGHT LINE 100, 3112 ...L11
FLIGHT LINE 100, 3163 ...M11
FLIGHT LINE 100, 3214 ...A12
FLIGHT LINE 100, 3265 ...B12
FLIGHT LINE 100, 3316 ...C12
FLIGHT LINE 100, 3367 ...D12
FLIGHT LINE 100, 3418 ...E12
FLIGHT LINE 100, 3469 ...F12
FLIGHT LINE 100, 3520 ...G12
FLIGHT LINE 100, 3571 ...H12
FLIGHT LINE 120, 1 ...I12
FLIGHT LINE 120, 52 ...J12
FLIGHT LINE 120, 103 ...K12
FLIGHT LINE 120, 154 ...L12
FLIGHT LINE 120, 205 ...M12
FLIGHT LINE 120, 256 ...A13
FLIGHT LINE 120, 307 ...B13
FLIGHT LINE 120, 358 ...C13
FLIGHT LINE 120, 409 ...D13
FLIGHT LINE 120, 460 ...E13
FLIGHT LINE 120, 511 ...F13
FLIGHT LINE 120, 562 ...G13
FLIGHT LINE 120, 613 ...H13
FLIGHT LINE 120, 664 ...I13
FLIGHT LINE 120, 715 ...J13
FLIGHT LINE 120, 766 ...K13
FLIGHT LINE 120, 817 ...L13
FLIGHT LINE 120, 868 ...M13
FLIGHT LINE 120, 919 ...A14
FLIGHT LINE 120, 970 ...B14
FLIGHT LINE 120, 1021 ...C14
FLIGHT LINE 120, 1072 ...D14
FLIGHT LINE 120, 1123 ...E14
FLIGHT LINE 120, 1174 ...F14
FLIGHT LINE 120, 1225 ...G14
FLIGHT LINE 120, 1276 ...H14
FLIGHT LINE 120, 1327 ...I14
FLIGHT LINE 120, 1378 ...J14
FLIGHT LINE 120, 1429 ...K14
FLIGHT LINE 120, 1480 ...L14
FLIGHT LINE 120, 1531 ...M14
FLIGHT LINE 120, 1582 ...A15
FLIGHT LINE 120, 1633 ...B15
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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID (AKUT)	QUAL	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-928	37.5459	80.2794		DU	0.3 -	1.6	4.5	5.39 ++	0.36	14.92 +	848.	62.	1.
2858	0000	-928	37.5459	80.2789		DU	0.3 -	1.7	4.0 -	5.11 +	0.41	12.38 +	838.	61.	1.
2859	0000	-928	37.5459	80.2783		DU	0.3 -	1.6	4.0 -	4.75 +	0.40	11.93 +	815.	61.	1.
2860	0000	-927	37.5458	80.2777		DU	0.4 -	1.2 --	3.9 -	3.35	0.30 -	11.07	783.	62.	2.
2861	0000	-928	37.5458	80.2772		DU	0.3 -	1.1 -	3.8 -	3.39	0.29 -	11.70 +	761.	60.	2.
2862	0000	-929	37.5458	80.2766		DU	0.3 -	1.0 -	3.9 -	3.16	0.26 -	12.28 +	734.	58.	2.
2863	0000	-929	37.5458	80.2759		DU	0.3 -	0.9 -	3.5 -	3.09	0.26 -	11.78 +	688.	60.	3.
2864	0000	-928	37.5458	80.2753		DU	0.3 -	0.8 -	3.4 --	2.85	0.25 -	11.30	656.	60.	3.
2865	0000	-930	37.5458	80.2747		DU	0.3 -	0.7 -	3.2 --	2.43	0.21 -	11.35	618.	61.	4.
2866	0000	-933	37.5457	80.2742		DU	0.3 -	0.4 --	3.1 --	1.58 -	0.14 --	11.52 +	598.	59.	5.
2867	0000	-931	37.5457	80.2736		STC-1	0.3	0.7 -	2.8	2.65 -	0.25	10.56	590.	58.	5.
2868	0000	-932	37.5457	80.2730		STC-1	0.2	0.6 -	2.6	2.24 -	0.22 -	10.38	586.	58.	6.
2869	0000	-935	37.5457	80.2725		STC-1	0.2	0.5 --	2.4	2.38 -	0.22 -	10.97	572.	58.	7.
2870	0000	-934	37.5457	80.2718		STC-1	0.2	0.6 -	2.5	2.45 -	0.22 -	11.26	581.	58.	8.
2871	0000	-932	37.5456	80.2712		STC-1	0.2	0.8	2.7	4.40	0.29	15.21	604.	59.	8.
2872	0000	-935	37.5456	80.2706		STC-1	0.2	0.7 -	3.2	3.15	0.20 -	15.49	641.	57.	8.
2873	0000	-935	37.5456	80.2701		STC-1	0.3	0.6 -	3.3	2.41 -	0.19 -	12.87	675.	58.	8.
2874	0000	-931	37.5456	80.2695		STC-1	0.3	0.5 --	3.9 +	1.75 -	0.13 --	13.29	721.	61.	8.
2875	0000	-932	37.5456	80.2689		STC-2	0.3	0.8 -	4.5	2.21	0.17 -	12.87	798.	59.	7.
2876	0000	-935	37.5456	80.2684		STC-2	0.4	0.9 -	4.6	2.25	0.20	11.04	888.	59.	6.
2877	0000	-936	37.5455	80.2677		STC-2	0.6	0.7 -	5.3	1.28 -	0.14 -	9.21	989.	58.	5.
2878	0000	-936	37.5455	80.2671		STC-2	0.7	0.9 -	6.2	1.32 -	0.14 -	9.18	1101.	56.	4.
2879	0000	-935	37.5455	80.2665		STC-2	0.7	1.2	6.3	1.62 -	0.19	8.55	1189.	58.	3.
2880	0000	-935	37.5455	80.2659		STC-2	0.7	1.9	6.9 +	2.54	0.27	9.45	1287.	56.	2.
2881	0000	-935	37.5455	80.2654		OTBR	0.7	2.0 +	7.1 +	2.70	0.28	9.61	1369.	54.	2.
2882	0000	-937	37.5455	80.2648		OTBR	0.8 +	1.8 +	7.0 +	2.20	0.26	8.54	1398.	57.	4.
2883	0000	-936	37.5455	80.2641		OTBR	0.8 +	1.8 +	7.2 +	2.23	0.25	8.97	1411.	55.	4.
2884	0000	-934	37.5455	80.2635		OTBR	0.7	1.9 +	7.1 +	2.62	0.27	9.80	1385.	56.	5.
2885	0000	-935	37.5454	80.2630		OTBR	0.7	1.9 +	6.6	2.77	0.28	9.84	1338.	59.	5.
2886	0000	-935	37.5454	80.2624		OTBR	0.6	1.9 +	6.6	3.08	0.28	11.01	1322.	56.	6.
2887	0000	-933	37.5454	80.2619		OTBR	0.6	1.6	6.2	2.64	0.27	9.90	1275.	55.	6.
2888	0000	-935	37.5454	80.2613		OTBR	0.6	1.6	5.8	2.44	0.27	9.09	1221.	55.	6.
2889	0000	-936	37.5454	80.2607		OTBR	0.5	1.8 +	5.6	3.40	0.33	10.34	1184.	53.	6.
2890	0000	-936	37.5454	80.2601		OTBR	0.5	1.9 +	5.5	3.65	0.35 +	10.37	1157.	57.	6.
2891	0000	-940	37.5454	80.2594		OTBR	0.5	2.0 +	5.2	4.04	0.38 +	10.63	1148.	55.	6.
2892	0000	-940	37.5453	80.2589		OTBR	0.5	1.9 +	5.2	3.57	0.37 +	9.59	1139.	53.	6.
2893	0000	-940	37.5453	80.2583		OTBR	0.6	2.1 +	4.8	3.55	0.43 ++	8.19	1124.	56.	5.
2894	0000	-940	37.5453	80.2577		OTBR	0.6	2.1 +	5.1	3.50	0.41 +	8.52	1131.	57.	4.
2895	0000	-939	37.5453	80.2572		OTBR	0.6	2.3 ++	5.7	3.78	0.40 +	9.44	1180.	56.	4.
2896	0000	-939	37.5453	80.2565		OTBR	0.7	2.3 ++	6.4	3.31	0.36 +	9.12	1242.	57.	3.
2897	0000	-941	37.5452	80.2559		OTBR	0.8 +	2.3 ++	6.6	2.97	0.35 +	8.55	1300.	53.	2.
2898	0000	-941	37.5452	80.2554		OTBR	0.9 +	2.4 ++	6.8 +	2.74	0.35 +	7.93 -	1347.	52.	1.
2899	0000	-941	37.5452	80.2547		OTBR	0.9 +	2.3 ++	7.2 +	2.63	0.32	8.27	1378.	51.	1.
2900	0000	-942	37.5452	80.2542		OTBR	0.9 +	2.1 +	7.6 +	2.25	0.28	8.15 -	1414.	49.	2.
2901	0000	-945	37.5452	80.2536		OTBR	0.9 +	2.1 +	7.6 +	2.28	0.27	8.37	1444.	47.	3.
2902	0000	-945	37.5452	80.2531		OTBR	0.9 +	1.8	6.8 +	1.87	0.26	7.21 -	1417.	47.	6.
2903	0000	-943	37.5452	80.2524		OTBR	0.9 +	1.5	6.2	1.67	0.24	6.90 -	1369.	48.	8.
2904	0000	-943	37.5452	80.2518		OTBR	0.9 +	1.3	6.0	1.45 -	0.21	6.87 -	1327.	50.	10.
2905	0000	-946	37.5451	80.2512		OTBR	0.8 +	1.2	5.9	1.55 -	0.21	7.46 -	1306.	51.	12.
2906	0000	-948	37.5451	80.2507		OTBR	0.8 +	1.2	5.7	1.51 -	0.22	7.00 -	1301.	51.	14.
2907	0000	-945	37.5451	80.2501		OTBR	0.7	1.2	5.4	1.74	0.22	7.80 -	1259.	51.	15.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-947	37.5451	80.2495	0TBR	0.7	0.9 -	5.2	1.30 -	0.18 -	7.40 -	1214.	53.	16.
2909	0000	-948	37.5451	80.2489	0TBR	0.6	1.0	5.8	1.52 -	0.17 -	9.11	1182.	54.	14.
2910	0000	-948	37.5451	80.2484	0TBR	0.6	1.1	5.6	1.82	0.19	9.57	1129.	56.	14.
2911	0000	-949	37.5451	80.2477	0TBR	0.5	1.2	5.3	2.18	0.22	9.92	1098.	56.	12.
2912	0000	-949	37.5451	80.2471	0TBR	0.5	1.2	5.0	2.19	0.24	9.18	1061.	55.	11.
2913	0000	-949	37.5450	80.2466	0TBR	0.5	1.2	5.0	2.36	0.24	10.01	1039.	56.	9.
2914	0000	-950	37.5450	80.2459	0TBR	0.6	1.1	5.2	1.95	0.21	9.16	1055.	56.	8.
2915	0000	-951	37.5450	80.2454	0TBR	0.6	1.4	5.5	2.29	0.26	8.95	1073.	56.	7.
2916	0000	-952	37.5450	80.2448	0TBR	0.7	1.4	5.3	2.08	0.27	7.74 -	1114.	55.	7.
2917	0000	-950	37.5450	80.2443	0TBR	0.7	1.5	5.6	2.00	0.26	7.62 -	1173.	51.	7.
2918	0000	-948	37.5449	80.2436	0TBR	0.8	1.6	5.8	2.16	0.28	7.72 -	1197.	50.	7.
2919	0000	-949	37.5449	80.2430	0TBR	0.8 +	1.7	5.5	2.22	0.31	7.12 -	1212.	52.	7.
2920	0000	-950	37.5449	80.2425	0TBR	0.8 +	1.7	5.5	2.21	0.31	7.09 -	1210.	51.	7.
2921	0000	-951	37.5449	80.2419	0TBR	0.7	1.9 +	5.4	2.56	0.35 +	7.42 -	1191.	53.	6.
2922	0000	-954	37.5449	80.2413	0TBR	0.7	1.9 +	5.0	2.87	0.37 +	7.67 -	1153.	53.	5.
2923	0000	-955	37.5449	80.2407	0TBR	0.6	2.0 +	4.9	3.51	0.41 +	8.66	1106.	54.	4.
2924	0000	-952	37.5449	80.2401	0TBR	0.6	1.9 +	4.9	3.45	0.39 +	8.79	1084.	54.	3.
2925	0000	-952	37.5448	80.2395	0TBR	0.5	1.9 +	5.5	3.46	0.34 +	10.19	1072.	55.	2.
2926	0000	-953	37.5448	80.2389	0TBR	0.5	1.7	6.1	3.34	0.28	12.06	1047.	57.	2.
2927	0000	-952	37.5448	80.2383	0TBR	0.5	1.7	5.7	3.51	0.30	11.59	1019.	58.	2.
2928	0000	-953	37.5448	80.2377	0TBR	0.5	1.6	5.6	3.43	0.29	12.00	999.	59.	2.
2929	0000	-956	37.5448	80.2372	0TBR	0.5	1.4	6.1	2.93	0.23	13.00	1022.	58.	3.
2930	0000	-956	37.5448	80.2366	0TBR	0.5	1.3	6.2	2.79	0.21	13.24	1053.	55.	4.
2931	0000	-953	37.5448	80.2359	0TBR	0.5	1.3	6.3	2.64	0.21	12.77	1081.	55.	5.
2932	0000	-956	37.5448	80.2354	0TBR	0.6	1.1	6.1	1.87	0.18 -	10.50	1127.	52.	6.
2933	0000	-960	37.5447	80.2348	0TBR	0.6	1.1	6.1	1.78	0.18	9.87	1174.	52.	7.
2934	0000	-959	37.5447	80.2342	0TBR	0.6	1.0	6.6	1.64 -	0.15 -	10.63	1214.	53.	7.
2935	0000	-958	37.5447	80.2337	0TBR	0.7	1.0	7.0 +	1.47 -	0.14 -	10.46	1254.	50.	7.
2936	0000	-960	37.5447	80.2330	0TBR	0.7	0.8 -	6.7	1.12 -	0.12 -	9.26	1249.	51.	8.
2937	0000	-958	37.5447	80.2324	0TBR	0.7	0.9 -	6.4	1.36 -	0.15 -	9.23	1212.	54.	8.
2938	0000	-957	37.5447	80.2319	0TBR	0.7	0.9 -	6.3	1.41 -	0.15 -	9.36	1172.	54.	7.
2939	0000	-960	37.5446	80.2312	0TBR	0.6	1.0	5.9	1.70	0.18 -	9.57	1116.	56.	7.
2940	0000	-961	37.5446	80.2307	0TBR	0.6	1.1	5.6	1.99	0.20	10.04	1071.	54.	6.
2941	0000	-961	37.5446	80.2301	0TBR	0.5	1.1	5.1	1.96	0.21	9.39	1034.	54.	5.
2942	0000	-963	37.5446	80.2295	0TBR	0.5	1.0	4.7	1.90	0.22	8.57	998.	57.	5.
2943	0000	-962	37.5446	80.2290	0TBR	0.5	1.2	4.7	2.23	0.25	8.82	980.	58.	4.
2944	0000	-959	37.5446	80.2283	0TBR	0.6	1.0	4.8	1.70	0.20	8.44	987.	59.	4.
2945	0000	-959	37.5445	80.2277	0TBR	0.6	1.0	5.3	1.74	0.19	9.38	1003.	60.	4.
2946	0000	-962	37.5445	80.2272	0TBR	0.6	0.9 -	5.2	1.66	0.18 -	9.42	1022.	60.	4.
2947	0000	-963	37.5445	80.2265	0TBR	0.6	0.9 -	5.3	1.44 -	0.17 -	8.73	1040.	61.	4.
2948	0000	-962	37.5445	80.2260	0TBR	0.6	1.0	5.7	1.52 -	0.17 -	8.83	1063.	61.	5.
2949	0000	-960	37.5445	80.2254	0TBR	0.6	1.2	5.6	2.14	0.22	9.57	1059.	60.	4.
2950	0000	-963	37.5445	80.2249	0TBR	0.6	1.5	5.5	2.69	0.27	10.01	1064.	60.	5.
2951	0000	-964	37.5445	80.2242	0TBR	0.5	1.6	5.4	3.23	0.30	10.67	1056.	59.	5.
2952	0000	-962	37.5444	80.2236	0TBR	0.5	1.5	5.2	3.07	0.30	10.31	1036.	60.	5.
2953	0000	-964	37.5444	80.2231	0TBR	0.5	1.5	5.1	3.06	0.29	10.74	1008.	59.	5.
2954	0000	-967	37.5444	80.2225	0TBR	0.4	1.3	4.9	2.97	0.27	11.04	970.	62.	5.
2955	0000	-967	37.5444	80.2218	0TBR	0.4	1.4	4.6	3.60	0.31	11.80	935.	62.	5.
2956	0000	-965	37.5444	80.2213	0TBR	0.4	1.2	5.0	2.92	0.25	11.78	930.	64.	4.
2957	0000	-968	37.5444	80.2207	0TBR	0.5	1.1	5.0	2.47	0.22	11.00	917.	64.	3.
2958	0000	-971	37.5444	80.2202	0TBR	0.5	1.2	5.0	2.47	0.24	10.38	918.	65.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-971	37.5444	80.2195	OTBR	0.4	1.4	4.7	3.14	0.29	10.70	901.	66.	2.
2960	0000	-970	37.5443	80.2189	OTBR	0.4	1.6	4.6	3.81	0.35 +	10.78	882.	68.	1.
2961	0000	-970	37.5443	80.2184	OTBR	0.4	1.7	4.8	4.33	0.35 +	12.46	864.	67.	0.
2962	0000	-969	37.5443	80.2177	OTBR	0.4	1.5	4.7	3.85	0.32	12.21	842.	67.	0.
2963	0000	-967	37.5443	80.2172	OTBR	0.3	1.6	4.1 -	4.61 +	0.38 +	12.00	809.	67.	1.
2964	0000	-968	37.5443	80.2166	OTBR	0.3 -	1.5	3.8 -	5.21 +	0.39 +	13.40	781.	65.	2.
2965	0000	-968	37.5443	80.2160	OTBR	0.3 -	1.3	3.8 -	4.69 +	0.33	14.28	763.	64.	3.
2966	0000	-965	37.5443	80.2152	OTBR	0.2 -	1.2	3.7 -	5.14 +	0.34	15.27 +	759.	64.	4.
2967	0000	-967	37.5443	80.2145	OTBR	0.2 -	1.0	3.9 -	4.21	0.27	15.81 +	756.	62.	5.
2968	0000	-970	37.5443	80.2138	OTBR	0.3 -	1.1	3.7 -	4.17	0.29	14.45	770.	61.	6.
2969	0000	-968	37.5443	80.2130	OTBR	0.2 -	1.1	3.8 -	5.07 +	0.30	16.88 +	783.	62.	6.
2970	0000	-968	37.5443	80.2123	OTBR	0.2 -	1.2	4.1 -	5.45 +	0.29	18.68 +	827.	62.	6.
2971	0000	-968	37.5444	80.2116	OTBR	0.2 -	1.2	4.8	4.60 +	0.24	19.27 +	883.	64.	6.
2972	0000	-968	37.5444	80.2108	OTBR	0.3 -	1.5	4.8	5.70 +	0.31	18.62 +	937.	63.	5.
2973	0000	-970	37.5444	80.2101	OTBR	0.3	1.5	5.0	4.81 +	0.31	15.77 +	984.	65.	4.
2974	0000	-969	37.5444	80.2094	OTBR	0.3	1.9 +	5.1	5.91 +	0.36 +	16.37 +	1039.	66.	3.
2975	0000	-967	37.5444	80.2087	OTBR	0.3	1.9 +	5.4	5.98 +	0.36 +	16.65 +	1083.	64.	2.
2976	0000	-968	37.5444	80.2079	OTBR	0.3	1.9 +	5.7	5.70 +	0.34	16.91 +	1117.	64.	3.
2977	0000	-967	37.5445	80.2072	OTBR	0.3	1.9 +	6.3	5.50 +	0.30	18.36 +	1131.	64.	3.
2978	0000	-964	37.5444	80.2064	OTBR	0.3	2.0 +	6.0	5.72 +	0.33	17.34 +	1126.	62.	3.
2979	0000	-967	37.5444	80.2057	STC-2	0.3	1.7	6.1	5.14 +	0.28	18.57 +	1102.	63.	4.
2980	0000	-970	37.5445	80.2050	STC-2	0.3	1.5	6.0	4.63	0.26	18.05 +	1082.	62.	6.
2981	0000	-970	37.5445	80.2042	STC-2	0.4	1.1	6.2	3.19	0.18	17.23	1070.	60.	8.
2982	0000	-970	37.5445	80.2035	STC-2	0.3	1.1	5.9	3.39	0.19	18.07 +	1037.	60.	9.
2983	0000	-969	37.5445	80.2027	STC-2	0.3	1.1	5.7	3.24	0.19	17.42 +	1026.	58.	10.
2984	0000	-969	37.5445	80.2020	STC-2	0.3	0.9 -	5.2	2.94	0.17 -	17.71 +	990.	56.	11.
2985	0000	-969	37.5446	80.2013	STC-2	0.3 -	0.9 -	5.0	3.29	0.18 -	18.35 +	964.	57.	12.
2986	0000	-968	37.5446	80.2005	STC-2	0.2 -	1.0	5.1	4.12	0.19	21.27 +	970.	55.	13.
2987	0000	-968	37.5446	80.1998	STC-2	0.2 -	1.1	5.2	6.11 +	0.22	27.92 ++	959.	55.	13.
2988	0000	-970	37.5446	80.1991	STC-2	0.2 --	1.2	5.3	7.92 ++	0.23	34.55 ++	972.	56.	13.
2989	0000	-970	37.5446	80.1983	STC-2	0.2 -	1.2	5.6	6.72 +	0.22	30.54 ++	995.	57.	14.
2990	0000	-972	37.5446	80.1976	STC-2	0.2 -	1.2	5.3	5.88 +	0.23	25.68 +	990.	58.	14.
2991	0000	-972	37.5447	80.1968	STC-2	0.2 -	1.4	5.1	6.37 +	0.27	23.23 +	1002.	59.	14.
2992	0000	-972	37.5447	80.1961	STC-2	0.2 -	1.2	5.4	5.57 +	0.22	24.88 +	1001.	55.	14.
2993	0000	-973	37.5447	80.1954	STC-2	0.2 -	1.3	5.2	6.00 +	0.25	24.23 +	991.	53.	14.
2994	0000	-975	37.5447	80.1947	STC-2	0.3	1.1	5.1	3.69	0.21	17.74 +	990.	52.	14.
2995	0000	-973	37.5447	80.1939	STC-2	0.3 -	1.3	4.8	4.64	0.26	17.73 +	949.	50.	13.
2996	0000	-974	37.5447	80.1932	STC-2	0.3 -	1.3	4.4 -	4.95 +	0.30	16.59	915.	51.	13.
2997	0000	-975	37.5447	80.1925	STC-2	0.3 -	1.2	4.5	4.82 +	0.27	17.84 +	901.	50.	13.
2998	0000	-974	37.5447	80.1917	STC-2	0.3	1.1	4.5	3.95	0.26	15.31	895.	48.	13.
2999	0000	-973	37.5447	80.1910	STC-2	0.3	1.2	4.1 -	4.10	0.30	13.47	886.	49.	12.
3000	0000	-975	37.5448	80.1903	SCY	0.3	1.1	3.7	3.64	0.31	11.89	853.	49.	12.
3001	0000	-978	37.5448	80.1895	SCY	0.2	1.3	3.7	5.22	0.35	15.02	824.	49.	12.
3002	0000	-976	37.5448	80.1887	SCY	0.2	1.1	3.4	4.52	0.33	13.69	805.	49.	12.
3003	0000	-975	37.5448	80.1880	SCY	0.2	1.1	3.5	4.70	0.30	15.51	793.	49.	13.
3004	0000	-976	37.5448	80.1873	SCY	0.2	1.1	3.6	4.64	0.30	15.69	793.	49.	13.
3005	0000	-974	37.5449	80.1866	DLMU-1	0.2	0.9	3.7	4.13	0.25	16.27 +	787.	49.	14.
3006	0000	-974	37.5449	80.1859	DLMU-1	0.2	1.0	3.6	4.64	0.27	17.45 +	784.	50.	15.
3007	0000	-978	37.5449	80.1851	DLMU-1	0.2	0.7 -	4.0	2.96	0.17 -	17.65 +	806.	50.	16.
3008	0000	-980	37.5449	80.1844	DLMU-1	0.3	0.5 --	4.0	2.02	0.14 --	14.99	836.	49.	17.
3009	0000	-978	37.5449	80.1837	DLMU-1	0.3	0.6 --	4.2	1.81 -	0.14 --	13.19	867.	51.	17.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0010	-977	37.5449	80.1829	DLMU-1	0.3	0.3 N.A.	4.8	0.90 N.A.	0.06 N.A.	14.24	908.	47.	18.
3011	0000	-977	37.5450	80.1822	DLMU-1	0.3	0.5 --	4.7	1.31 -	0.10 ---	13.61	920.	50.	18.
3012	0000	-979	37.5450	80.1814	DLMU-1	0.4	0.5 --	4.7	1.31 -	0.10 ---	12.54	950.	50.	19.
3013	0000	-980	37.5450	80.1806	DLMU-1	0.4	0.5 --	4.6	1.23 -	0.12 --	10.69	1000.	47.	18.
3014	0000	-976	37.5450	80.1799	DLMU-1	0.5	0.7 -	4.7	1.41 -	0.15 --	9.55	1061.	47.	18.
3015	0000	-975	37.5450	80.1792	DLMU-1	0.6	0.9 -	4.7	1.54 -	0.18 -	8.38	1130.	46.	17.
3016	0000	-977	37.5450	80.1785	DLMU-1	0.6	1.1	4.6	1.75 -	0.24	7.26	1203.	45.	17.
3017	0000	-977	37.5450	80.1777	DLMU-1	0.7	1.6	4.3	2.28	0.37	6.12	1250.	45.	15.
3018	0000	-976	37.5450	80.1770	DLMU-1	0.7	1.6	4.1	2.27	0.40	5.75 -	1280.	43.	14.
3019	0000	-975	37.5450	80.1763	DB-2	0.7 -	1.7	4.3 --	2.31	0.40 +	5.78	1281.	42.	13.
3020	0000	-976	37.5451	80.1756	DB-2	0.7 -	1.8	4.5 --	2.54	0.40 +	6.34	1274.	42.	12.
3021	0000	-978	37.5451	80.1748	DB-2	0.7 -	2.0	4.1 --	2.96 +	0.49 ++	5.10	1246.	41.	11.
3022	0000	-978	37.5451	80.1740	DB-2	0.6 -	2.0	4.2 --	3.03 +	0.46 ++	6.54	1206.	42.	11.
3023	0000	-977	37.5451	80.1733	DB-2	0.5 -	1.9	4.7 --	3.38 +	0.39 +	8.56	1167.	41.	10.
3024	0000	-978	37.5451	80.1725	DB-2	0.5 -	1.6 -	4.8 --	3.22 +	0.34 +	9.52	1139.	43.	10.
3025	0000	-979	37.5452	80.1719	DB-2	0.5 -	1.7	5.3 -	3.33 +	0.32	10.33 +	1164.	42.	9.
3026	0000	-978	37.5452	80.1711	DB-2	0.5 -	1.7	5.2 -	3.35 +	0.33	10.03 +	1201.	44.	9.
3027	0000	-978	37.5452	80.1703	DB-2	0.6 -	1.6 -	5.6 -	2.73 +	0.29	9.43	1246.	46.	9.
3028	0000	-977	37.5452	80.1696	DB-2	0.6 -	1.8	6.1 -	2.87 +	0.29	9.84 +	1323.	47.	8.
3029	0000	-976	37.5452	80.1689	DB-2	0.7 -	2.0	6.4 -	2.81 +	0.31	9.15	1414.	47.	8.
3030	0000	-980	37.5452	80.1682	DB-2	0.8	2.0	6.4 -	2.32	0.31	7.59	1495.	49.	8.
3031	0000	-980	37.5453	80.1675	DB-2	1.0	2.1	6.4 -	2.14	0.32	6.66	1578.	48.	8.
3032	0000	-977	37.5453	80.1667	DB-2	1.0	2.2	6.2 -	2.16	0.36 +	6.07	1627.	48.	9.
3033	0000	-979	37.5452	80.1659	DB-2	1.0	2.3	6.3 -	2.19	0.36 +	6.10	1645.	47.	9.
3034	0000	-979	37.5453	80.1652	DB-2	1.0	2.3	6.2 -	2.37	0.38 +	6.28	1635.	46.	9.
3035	0000	-979	37.5453	80.1645	DB-2	1.0	2.3	5.6 -	2.28	0.41 +	5.55	1595.	48.	10.
3036	0000	-979	37.5453	80.1638	DB-2	0.9	2.2	5.4 -	2.42	0.42 +	5.81	1540.	49.	11.
3037	0000	-978	37.5453	80.1631	DB-2	0.8	2.5	5.2 --	3.09 +	0.49 ++	6.25	1530.	47.	11.
3038	0000	-980	37.5453	80.1623	DB-2	0.8	2.7 +	5.1 --	3.45 +	0.54 ++	6.40	1530.	49.	11.
3039	0000	-982	37.5454	80.1615	DB-2	0.8 -	2.8 +	5.2 --	3.48 +	0.53 ++	6.60	1548.	50.	11.
3040	0000	-980	37.5454	80.1608	DB-2	0.8	2.7 +	5.5 -	3.20 +	0.48 ++	6.61	1614.	49.	11.
3041	0000	-980	37.5454	80.1601	DB-2	1.0	3.0 +	5.5 -	3.03 +	0.55 ++	5.48	1717.	49.	12.
3042	0000	-979	37.5454	80.1594	DB-2	1.1	3.0 +	6.1 -	2.81 +	0.49 ++	5.71	1805.	49.	12.
3043	0000	-980	37.5454	80.1586	DB-2	1.1	3.1 +	6.3 -	2.79 +	0.49 ++	5.64	1867.	49.	12.
3044	0000	-982	37.5454	80.1579	DB-2	1.2	2.8 +	6.7	2.33	0.41 +	5.62	1874.	49.	13.
3045	0000	-978	37.5455	80.1572	DB-2	1.2	2.9 +	7.0	2.35	0.41 +	5.73	1922.	49.	12.
3046	0000	-976	37.5455	80.1564	DB-2	1.3	2.8 +	7.0	2.13	0.40 +	5.28 -	1986.	50.	13.
3047	0000	-979	37.5455	80.1557	DB-2	1.4	3.2 ++	7.5	2.24	0.43 +	5.21 -	2069.	51.	12.
3048	0000	-980	37.5455	80.1549	DB-2	1.4	3.1 +	7.8	2.21	0.40 +	5.58	2099.	53.	13.
3049	0000	-983	37.5455	80.1542	DB-2	1.4	3.0 +	8.2	2.14	0.37 +	5.85	2120.	52.	13.
3050	0000	-982	37.5455	80.1534	DB-2	1.5	3.1 +	8.3	2.09	0.37 +	5.61	2155.	50.	13.
3051	0000	-977	37.5455	80.1527	DB-2	1.5	2.9 +	8.5	1.88	0.34 +	5.55	2175.	50.	15.
3052	0000	-978	37.5455	80.1520	DB-2	1.5	2.6	8.6	1.77	0.31	5.73	2149.	49.	16.
3053	0000	-982	37.5455	80.1512	DB-2	1.5	2.4	8.6	1.65	0.28	5.86	2099.	48.	17.
3054	0000	-983	37.5456	80.1505	DB-2	1.4	2.0	8.0	1.44	0.25	5.75	2025.	51.	13.
3055	0000	-980	37.5456	80.1498	DB-2	1.3	1.9	8.4	1.44	0.23	6.26	1987.	48.	18.
3056	0000	-977	37.5457	80.1491	DB-2	1.3	1.8	8.3	1.37	0.22	6.16	1963.	48.	18.
3057	0000	-976	37.5457	80.1483	DB-2	1.3	1.5 -	8.4	1.17 -	0.18 -	6.38	1960.	49.	18.
3058	0000	-979	37.5456	80.1475	DB-2	1.3	1.9	8.3	1.55	0.23	6.64	1984.	52.	17.
3059	0000	-981	37.5457	80.1468	DB-2	1.3	2.0	8.5	1.54	0.24	6.46	2020.	52.	17.
3060	0000	-981	37.5457	80.1461	DB-2	1.3	2.2	9.0	1.64	0.24	6.79	2063.	53.	16.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-979	37.5457	80.1454	DB-2	1.4	2.3	9.2	1.67	0.25	6.59	2097.	51.	15.
3062	0000	-978	37.5457	80.1447	DB-2	1.5	2.3	8.8	1.54	0.26	6.02	2139.	51.	16.
3063	0000	-978	37.5457	80.1439	DB-2	1.5	2.3	9.1	1.52	0.25	5.98	2187.	55.	16.
3064	0000	-977	37.5457	80.1432	DB-2	1.6 +	2.4	9.4	1.50	0.25	5.96	2229.	55.	16.
3065	0000	-978	37.5458	80.1424	DB-2	1.7 +	2.2	9.5	1.27 -	0.23	5.64	2260.	54.	16.
3066	0000	-979	37.5458	80.1417	DB-2	1.8 +	1.9	9.6	1.09 -	0.20	5.39 -	2282.	55.	16.
3067	0000	-980	37.5457	80.1410	DB-2	1.8 +	1.8	9.4	1.02 -	0.19 -	5.25 -	2282.	55.	16.
3068	0000	-979	37.5458	80.1402	DB-2	1.8 +	1.9	9.6	1.07 -	0.20	5.41 -	2288.	52.	15.
3069	0000	-976	37.5458	80.1394	DB-2	1.8 +	2.1	9.8 +	1.17 -	0.21	5.44 -	2295.	52.	13.
3070	0000	-977	37.5458	80.1387	DB-2	1.9 +	2.2	9.7 +	1.16 -	0.22	5.25 -	2312.	48.	11.
3071	0000	-980	37.5459	80.1380	DB-2	1.9 +	2.3	9.6	1.23 -	0.24	5.16 -	2312.	49.	9.
3072	0000	-979	37.5459	80.1373	DB-2	1.8 +	2.5	9.6	1.33	0.26	5.20 -	2291.	49.	7.
3073	0000	-978	37.5459	80.1366	DB-2	1.7 +	2.5	9.3	1.47	0.27	5.38 -	2229.	51.	6.
3074	0000	-980	37.5459	80.1359	DB-2	1.6 +	2.6	9.0	1.60	0.29	5.49	2151.	51.	5.
3075	0000	-980	37.5458	80.1353	DB-2	1.5	2.5	8.7	1.61	0.28	5.67	2032.	55.	4.
3076	0000	-980	37.5458	80.1346	DB-2	1.4	2.2	8.2	1.63	0.27	6.02	1868.	56.	4.
3077	0000	-979	37.5458	80.1340	DB-2	1.1	2.2	7.1	1.97	0.31	6.26	1689.	57.	4.
3078	0000	-978	37.5457	80.1334	DLMU-1	0.9 +	2.3 +	6.1 +	2.60	0.38	6.85	1527.	55.	4.
3079	0000	-978	37.5457	80.1327	DLMU-1	0.7	2.4 +	5.6 +	3.39	0.43	7.79	1400.	51.	4.
3080	0000	-977	37.5457	80.1321	DLMU-1	0.6	2.4 +	5.2	4.19	0.47	8.98	1279.	51.	3.
3081	0000	-979	37.5457	80.1315	DLMU-1	0.5	2.4 +	4.8	5.11	0.49	10.52	1192.	48.	4.
3082	0000	-980	37.5457	80.1308	DLMU-1	0.4	2.5 +	4.6	6.63 +	0.55 +	12.00	1121.	47.	3.
3083	0000	-979	37.5457	80.1302	DLMU-1	0.3	2.4 +	4.4	7.23 +	0.55 +	13.14	1079.	46.	3.
3084	0000	-979	37.5457	80.1295	DLMU-1	0.3	2.3 +	4.5	8.06 +	0.51	15.67	1039.	46.	4.
3085	0000	-978	37.5457	80.1289	DLMU-1	0.3	1.9	4.5	5.95	0.43	13.96	984.	48.	5.
3086	0000	-978	37.5457	80.1283	DLMU-1	0.3	1.7	4.3	5.61	0.39	14.56	930.	50.	6.
3087	0000	-978	37.5456	80.1277	DLMU-1	0.3	1.4	4.3	4.90	0.32	15.14	905.	49.	8.
3088	0000	-977	37.5456	80.1270	DLMU-1	0.3	1.3	3.9	5.19	0.34	15.44	863.	49.	9.
3089	0000	-980	37.5456	80.1264	DLMU-1	0.3	1.1	3.6	4.43	0.31	14.52	841.	49.	11.
3090	0000	-979	37.5456	80.1257	DLMU-1	0.3	1.0	3.3	3.76	0.31	12.12	823.	49.	12.
3091	0000	-975	37.5455	80.1251	DLMU-1	0.2	1.0	3.2	4.22	0.31	13.57	796.	51.	13.
3092	0000	-978	37.5455	80.1245	DLMU-1	0.2	1.1	3.3	5.39	0.34	15.92 +	779.	48.	13.
3093	0000	-978	37.5455	80.1239	DLMU-1	0.2	1.0	3.3	4.67	0.31	14.98	759.	46.	14.
3094	0000	-975	37.5455	80.1232	DLMU-1	0.2	1.2	3.0	5.18	0.39	13.40	750.	46.	14.
3095	0000	-977	37.5454	80.1226	DLMU-1	0.3	1.1	3.4	4.26	0.32	13.17	772.	46.	13.
3096	0000	-977	37.5454	80.1219	DLMU-1	0.2	1.0	3.7	4.38	0.27	15.99 +	793.	46.	14.
3097	0000	-975	37.5454	80.1214	DLMU-1	0.2	1.1	4.3	5.43	0.27	20.28 +	828.	45.	13.
3098	0000	-977	37.5454	80.1207	DLMU-1	0.2	1.2	4.3	4.79	0.27	17.54 +	840.	42.	13.
3099	0000	-977	37.5454	80.1200	DLMU-1	0.3	1.2	4.2	4.87	0.30	16.49 +	862.	44.	12.
3100	0000	-974	37.5453	80.1194	DLMU-1	0.3	1.3	4.0	4.94	0.32	15.44	885.	46.	12.
3101	0000	-977	37.5453	80.1187	DLMU-1	0.2	1.3	4.0	5.26	0.32	16.52 +	891.	47.	11.
3102	0000	-980	37.5453	80.1182	DLMU-1	0.2	1.5	3.8	7.19 +	0.39	18.35 +	882.	49.	10.
3103	0000	-978	37.5453	80.1175	DLMU-1	0.2	1.6	3.4	7.06 +	0.45	15.55	868.	51.	9.
3104	0000	-978	37.5453	80.1169	DLMU-1	0.2	1.5	3.0	7.03 +	0.50	13.93	842.	53.	9.
3105	0000	-977	37.5453	80.1162	DLMU-1	0.2	1.5	2.9	7.40 +	0.51	14.49	840.	55.	10.
3106	0000	-974	37.5453	80.1156	STC-1	0.2	1.3	3.0	7.73 +	0.44	17.47 +	830.	54.	11.
3107	0000	-975	37.5453	80.1150	STC-1	0.2	1.1	3.1	6.37	0.35	18.21 +	819.	54.	13.
3108	0000	-979	37.5453	80.1144	STC-1	0.2	1.0	3.4	5.81	0.29	19.76 +	822.	52.	15.
3109	0000	-980	37.5452	80.1137	STC-1	0.2	0.8	3.4	3.47	0.22 -	15.55	830.	49.	17.
3110	0000	-979	37.5452	80.1131	STC-1	0.2	0.5 --	3.6 +	2.22 -	0.15 --	14.96	842.	46.	20.
3111	0000	-978	37.5452	80.1125	STC-1	0.2	0.7 -	3.4	3.07	0.20 -	15.74	839.	45.	21.

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FLIGHT LINE 120, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-977	37.5452	80.1118	STC-1	0.3	0.6 -	3.3	2.24 -	0.17 --	13.00	835.	44.	21.
3113	0000	-978	37.5451	80.1112	STC-1	0.3	0.6 -	3.1	2.33 -	0.19 -	12.06	819.	45.	21.
3114	0000	-976	37.5451	80.1105	STC-1	0.2	0.7 -	2.8	2.91	0.25	11.62	800.	47.	20.
3115	0000	-974	37.5451	80.1099	STC-1	0.2	0.8	2.3 -	3.26	0.34	9.59	777.	48.	20.
3116	0000	-977	37.5451	80.1093	STC-1	0.2	0.8	2.1 -	3.88	0.39	9.88	740.	49.	18.
3117	0000	-978	37.5451	80.1087	STC-1	0.2	1.0	1.9 -	5.19	0.52 +	9.92	707.	49.	17.
3118	0000	-978	37.5450	80.1080	STC-1	0.2	1.0	1.9 -	4.63	0.50 +	9.22 -	690.	49.	17.
3119	0000	-977	37.5450	80.1074	STC-1	0.2	1.1	2.3 -	5.64	0.47	12.08	691.	48.	16.
3120	0000	-976	37.5450	80.1067	STC-1	0.2	1.0	2.3 -	5.18	0.45	11.43	710.	47.	16.
3121	0000	-975	37.5450	80.1061	STC-1	0.2	1.0	2.6	4.44	0.40	10.97	748.	46.	16.
3122	0000	-975	37.5450	80.1055	STC-1	0.2	1.1	2.9	4.94	0.37	13.31	781.	45.	16.
3123	0000	-976	37.5450	80.1049	STC-1	0.2	1.0	2.8	4.40	0.35	12.54	788.	47.	15.
3124	0000	-976	37.5450	80.1042	STC-1	0.2	1.0	3.0	4.52	0.35	12.96	794.	47.	15.
3125	0000	-974	37.5450	80.1035	STC-1	0.2	1.0	2.9	4.37	0.35	12.32	789.	50.	14.
3126	0000	-976	37.5449	80.1029	STC-1	0.2	1.2	2.8	5.46	0.42	13.11	777.	52.	13.
3127	0000	-975	37.5449	80.1023	STC-1	0.2	1.2	2.8	6.25	0.42	14.98	751.	53.	12.
3128	0000	-972	37.5449	80.1017	STC-1	0.1 -	1.4	2.4	9.61 +	0.57 +	16.97 +	708.	53.	11.
3129	0000	-974	37.5449	80.1010	STC-1	0.2 -	1.4	2.2 -	8.35 +	0.63 +	13.34	661.	54.	10.
3130	0000	-974	37.5449	80.1004	STC-1	0.1 -	1.5 +	2.1 -	9.91 +	0.68 +	14.62	661.	52.	10.
3131	0000	-973	37.5448	80.0998	STC-1	0.1 -	1.4	1.7 --	11.00 +	0.84 ++	13.08	646.	51.	10.
3132	0000	-974	37.5448	80.0991	DLMU-1	0.1 -	1.4	1.9 -	10.84 +	0.74 +	14.65	636.	49.	11.
3133	0000	-971	37.5448	80.0985	DLMU-1	0.1 -	1.2	1.7 -	8.11 +	0.67 +	12.15	636.	48.	12.
3134	0000	-971	37.5448	80.0979	DLMU-1	0.2 -	1.2	1.6 -	7.41 +	0.77 ++	9.66	645.	49.	13.
3135	0000	-973	37.5447	80.0973	DLMU-1	0.2 -	1.1	1.7 -	6.89 +	0.66 +	10.49	665.	48.	14.
3136	0000	-972	37.5447	80.0966	DLMU-1	0.2 -	1.1	2.0 -	6.04	0.55 +	10.90	693.	49.	14.
3137	0000	-971	37.5447	80.0960	DLMU-1	0.2	1.0	2.2 -	5.37	0.47	11.52	719.	50.	15.
3138	0000	-969	37.5447	80.0953	DLMU-1	0.2	1.1	2.8	4.75	0.38	12.45	757.	51.	16.
3139	0000	-969	37.5447	80.0947	DLMU-1	0.3	1.2	2.7	4.38	0.43	10.13	797.	52.	15.
3140	0000	-972	37.5447	80.0941	DLMU-1	0.3	1.4	2.9	5.08	0.48	10.65	825.	54.	15.
3141	0000	-969	37.5446	80.0934	DLMU-1	0.3	1.4	3.3	4.81	0.43	11.14	847.	52.	13.
3142	0000	-968	37.5446	80.0928	DLMU-1	0.3	1.5	3.4	5.03	0.44	11.33	870.	52.	13.
3143	0000	-973	37.5446	80.0921	DLMU-1	0.3	1.7	3.5	5.25	0.48	10.99	892.	52.	12.
3144	0000	-973	37.5446	80.0916	DLMU-1	0.3	1.8	3.7	6.09	0.49	12.49	921.	52.	12.
3145	0000	-970	37.5446	80.0909	DLMU-1	0.3	1.9	3.8	6.75 +	0.49	13.92	944.	53.	11.
3146	0000	-970	37.5446	80.0903	DLMU-1	0.3	1.9	4.3	6.31	0.43	14.59	973.	51.	10.
3147	0000	-971	37.5446	80.0896	DLMU-1	0.3	1.9	4.4	6.33	0.43	14.63	995.	49.	10.
3148	0000	-972	37.5445	80.0890	DLMU-1	0.3	2.1 +	4.6	7.02 +	0.44	15.84 +	1031.	49.	9.
3149	0000	-972	37.5445	80.0884	DLMU-1	0.3	2.0 +	4.6	6.65 +	0.44	14.97	1050.	50.	9.
3150	0000	-972	37.5445	80.0878	DLMU-1	0.3	2.1 +	4.5	6.46 +	0.46	14.13	1067.	49.	9.
3151	0000	-974	37.5445	80.0871	DLMU-1	0.3	2.1 +	4.3	6.31	0.49	12.80	1069.	49.	9.
3152	0000	-971	37.5445	80.0864	DLMU-1	0.4	2.2 +	4.3	6.02	0.51	11.74	1054.	47.	9.
3153	0000	-969	37.5444	80.0858	DLMU-1	0.3	2.1 +	4.2	6.52 +	0.49	13.23	1034.	48.	9.
3154	0000	-972	37.5444	80.0852	DLMU-1	0.3	2.1 +	4.2	6.27	0.50	12.49	1019.	49.	9.
3155	0000	-969	37.5444	80.0846	DLMU-1	0.3	1.9	4.0	6.12	0.46	13.27	983.	49.	10.
3156	0000	-968	37.5444	80.0839	DLMU-1	0.3	1.8	4.2	6.09	0.43	14.21	950.	46.	10.
3157	0000	-970	37.5444	80.0833	DLMU-1	0.3	1.5	4.3	6.05	0.36	16.91 +	915.	46.	11.
3158	0000	-968	37.5443	80.0826	DLMU-1	0.3	1.5	4.0	5.90	0.38	15.72 +	876.	47.	12.
3159	0000	-967	37.5443	80.0821	DLMU-1	0.2	1.6	3.7	7.70 +	0.43	17.99 +	859.	48.	13.
3160	0000	-968	37.5443	80.0814	DLMU-1	0.2 -	1.9	3.5	11.10 +	0.54 +	20.45 +	852.	49.	12.
3161	0000	-967	37.5443	80.0808	DLMU-1	0.2 -	1.8	3.2	12.03 ++	0.57 +	21.11 ++	849.	48.	12.
3162	0000	-969	37.5443	80.0801	DLMU-1	0.2	1.9	3.1	9.86 +	0.62 +	15.91 +	851.	48.	12.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-970	37.5442	80.0795 DLMU-1	0.2	1.9	3.0	9.47 +	0.62 +	15.35	868.	49.	12.
3164	0000	-967	37.5442	80.0789 DLMU-1	0.2	2.0 +	2.9	9.97 +	0.70 +	14.24	875.	47.	11.
3165	0000	-967	37.5442	80.0782 DLMU-1	0.2 -	2.1 +	3.2	11.49 +	0.65 +	17.78 +	866.	47.	10.
3166	0000	-968	37.5442	80.0776 DLMU-1	0.2	1.9	3.0	9.51 +	0.65 +	14.70	855.	46.	10.
3167	0000	-966	37.5442	80.0769 DLMU-1	0.2	1.6	3.0	6.83 +	0.54 +	12.70	835.	47.	12.
3168	0000	-964	37.5442	80.0763 DLMU-1	0.2	1.5	3.1	7.08 +	0.49	14.32	816.	46.	11.
3169	0000	-964	37.5442	80.0757 DLMU-1	0.2 -	1.6	3.1	8.23 +	0.49	16.69 +	819.	45.	11.
3170	0000	-965	37.5441	80.0750 DLMU-1	0.2 -	1.8	3.0	9.89 +	0.60 +	16.38 +	811.	46.	11.
3171	0000	-964	37.5441	80.0744 DLMU-1	0.2 -	1.8	3.0	10.11 +	0.60 +	16.72 +	808.	46.	12.
3172	0000	-964	37.5441	80.0738 DLMU-1	0.2 -	1.9	2.8	10.51 +	0.68 +	15.35	818.	46.	13.
3173	0000	-964	37.5441	80.0732 DLMU-1	0.2	1.6	3.0	7.74 +	0.55 +	14.00	822.	47.	14.
3174	0000	-965	37.5441	80.0725 DLMU-1	0.2	1.6	3.3	7.60 +	0.48	15.94 +	826.	46.	14.
3175	0000	-964	37.5440	80.0719 DLMU-1	0.2	1.6	3.3	7.19 +	0.48	15.05	850.	45.	15.
3176	0000	-962	37.5440	80.0712 DLMU-1	0.3	1.6	3.3	6.33	0.48	13.23	859.	47.	16.
3177	0000	-962	37.5440	80.0706 DLMU-1	0.3	1.4	3.4	4.63	0.39	11.79	884.	47.	17.
3178	0000	-961	37.5440	80.0700 DLMU-1	0.4	1.3	3.4	3.62	0.39	9.38	926.	47.	17.
3179	0000	-960	37.5439	80.0694 DLMU-1	0.4	1.2	3.6	2.62	0.32	8.09	1004.	45.	18.
3180	0000	-964	37.5439	80.0687 DLMU-1	0.5	1.5	3.8	2.96	0.39	7.61	1081.	44.	17.
3181	0000	-964	37.5439	80.0680 DLMU-1	0.6	1.6	3.8	2.58	0.41	6.29	1163.	46.	16.
3182	0000	-960	37.5439	80.0675 DLMU-1	0.7	1.5	4.2	2.08	0.37	5.69 -	1274.	47.	16.
3183	0000	-960	37.5439	80.0668 DLMU-1	0.9 +	1.8	4.4	2.08	0.40	5.22 -	1408.	47.	15.
3184	0000	-962	37.5439	80.0662 DLMU-1	1.0 +	1.9	5.1	2.02	0.38	5.25 -	1547.	47.	15.
3185	0000	-964	37.5439	80.0655 DLMU-1	1.1 +	2.1 +	5.7 +	1.93	0.37	5.22 -	1675.	48.	14.
3186	0000	-961	37.5439	80.0648 DLMU-1	1.2 +	2.2 +	6.0 +	1.73 -	0.36	4.86 -	1775.	50.	13.
3187	0000	-959	37.5439	80.0643 DLMU-1	1.4 +	2.3 +	6.9 +	1.68 -	0.34	5.00 -	1895.	51.	13.
3188	0000	-961	37.5438	80.0637 DLMU-2	1.4	2.7 +	7.4 -	1.92	0.37 +	5.22	2003.	49.	12.
3189	0000	-961	37.5438	80.0630 DLMU-2	1.4	2.8 +	7.7	1.99	0.37 +	5.41	2026.	48.	11.
3190	0000	-959	37.5438	80.0623 DLMU-2	1.5	2.7	7.8	1.85	0.34 +	5.37	2016.	48.	11.
3191	0000	-958	37.5438	80.0617 DLMU-2	1.4	2.7 +	7.5 -	1.98	0.36 +	5.44	1970.	50.	10.
3192	0000	-958	37.5437	80.0612 DLMU-2	1.3	2.8 +	7.4 -	2.16	0.39 +	5.58	1947.	48.	10.
3193	0000	-960	37.5437	80.0605 DLMU-2	1.3	3.0 +	7.2 -	2.35 +	0.41 +	5.73	1927.	50.	9.
3194	0000	-958	37.5437	80.0598 DLMU-1	1.2 +	3.1 ++	6.9 +	2.56	0.45	5.65 -	1915.	50.	9.
3195	0000	-958	37.5437	80.0592 DLMU-2	1.2	3.2 +	7.1 -	2.63 +	0.44 ++	5.93	1928.	49.	9.
3196	0000	-962	37.5437	80.0586 DLMU-2	1.3	3.2 +	7.0 -	2.51 +	0.45 ++	5.56	1963.	49.	10.
3197	0000	-957	37.5437	80.0579 DLMU-2	1.3	3.5 ++	7.2 -	2.76 +	0.49 ++	5.64	2020.	49.	9.
3198	0000	-954	37.5437	80.0572 DLMU-2	1.4	3.7 ++	7.9	2.71 +	0.47 ++	5.78	2102.	48.	9.
3199	0000	-958	37.5437	80.0566 DLMU-2	1.4	3.7 ++	8.3	2.65 +	0.44 ++	5.99	2154.	47.	9.
3200	0000	-956	37.5437	80.0560 DLMU-2	1.3	3.7 ++	8.4	2.75 +	0.44 ++	6.26	2165.	44.	10.
3201	0000	-953	37.5437	80.0553 DLMU-2	1.3	3.6 ++	8.3	2.84 +	0.43 ++	6.56	2104.	42.	11.
3202	0000	-955	37.5437	80.0547 DLMU-2	1.2	3.4 +	7.4 -	2.90 +	0.46 ++	6.36	1993.	41.	12.
3203	0000	-957	37.5437	80.0540 DLMU-2	1.0 -	3.4 +	7.1 -	3.42 ++	0.48 ++	7.13	1883.	41.	12.
3204	0000	-956	37.5438	80.0533 DLMU-1	0.9 +	3.1 ++	6.7 +	3.45	0.45	7.59	1774.	39.	14.
3205	0000	-954	37.5438	80.0527 DLMU-1	0.8	2.7 +	6.1 +	3.43	0.45	7.60	1669.	40.	16.
3206	0000	-954	37.5438	80.0520 DLMU-1	0.7	2.7 +	5.6 +	3.87	0.48	8.09	1551.	42.	17.
3207	0000	-953	37.5439	80.0514 DLMU-1	0.6	2.5 +	5.5 +	4.13	0.45	9.11	1477.	44.	18.
3208	0000	-952	37.5439	80.0508 DLMU-1	0.5	2.5 +	5.6 +	4.54	0.45	10.14	1446.	46.	18.
3209	0000	-954	37.5439	80.0501 DLMU-1	0.5	2.4 +	5.6 +	4.57	0.43	10.65	1454.	47.	19.
3210	0000	-956	37.5439	80.0495 DLMU-1	0.5	2.3 +	5.5	4.44	0.41	10.74	1460.	47.	20.
3211	0000	-955	37.5439	80.0488 DLMU-1	0.5	2.4 +	5.6 +	5.01	0.42	11.86	1458.	50.	20.
3212	0000	-951	37.5439	80.0482 DLMU-1	0.4	2.4 +	5.3	5.30	0.45	11.68	1430.	49.	20.
3213	0000	-952	37.5439	80.0475 DLMU-1	0.5	2.1 +	5.3	4.46	0.41	10.94	1420.	48.	20.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-955	37.5439	80.0468	DLMU-1	0.5	2.0 +	5.4	3.96	0.38	10.54	1407.	47.	20.
3215	0000	-952	37.5440	80.0462	DLMU-1	0.6	1.8	5.5	3.13	0.34	9.29	1433.	46.	19.
3216	0000	-949	37.5440	80.0455	DLMU-1	0.8	2.6	5.8 +	2.66	0.35	7.72	1494.	47.	19.
3217	0000	-950	37.5440	80.0449	DLMU-1	0.9 +	2.1 +	6.0 +	2.37	0.35	6.80	1562.	45.	18.
3218	0000	-949	37.5440	80.0443	DB-2	1.0	2.0	6.4 -	1.92	0.31	6.29	1639.	44.	17.
3219	0000	-949	37.5440	80.0436	DB-2	1.1	2.1	7.0	1.86	0.30	6.12	1760.	43.	16.
3220	0000	-948	37.5441	80.0429	DB-2	1.3	2.3	7.3	1.73	0.31	5.58	1867.	44.	16.
3221	0000	-949	37.5441	80.0423	DB-2	1.4	2.5	7.5	1.76	0.34 +	5.16 -	1980.	46.	15.
3222	0000	-949	37.5441	80.0416	DB-2	1.6 +	2.9 +	8.2	1.87	0.36 +	5.24 -	2100.	47.	14.
3223	0000	-947	37.5441	80.0410	DB-2	1.7 +	2.9 +	8.8	1.74	0.33	5.29 -	2189.	48.	12.
3224	0000	-946	37.5441	80.0403	DB-2	1.7 +	2.8 +	9.3	1.62	0.30	5.34 -	2227.	47.	11.
3225	0000	-947	37.5442	80.0397	DB-2	1.8 +	2.8 +	9.3	1.56	0.30	5.13 -	2236.	47.	12.
3226	0000	-948	37.5442	80.0390	DB-2	1.8 +	2.7 +	9.2	1.50	0.29	5.13 -	2203.	47.	12.
3227	0000	-947	37.5442	80.0383	DB-2	1.7 +	3.0 +	9.3	1.75	0.32	5.51	2199.	45.	11.
3228	0000	-945	37.5442	80.0377	DB-2	1.7 +	2.7 +	9.5	1.56	0.28	5.59	2192.	43.	12.
3229	0000	-943	37.5442	80.0370	DB-2	1.6 +	2.3	9.2	1.49	0.25	5.87	2117.	41.	14.
3230	0000	-945	37.5442	80.0364	DB-2	1.3	2.4	8.1	1.79	0.30	6.01	1997.	41.	16.
3231	0000	-947	37.5442	80.0357	DB-2	1.2	2.4	8.0	1.96	0.30	6.61	1941.	43.	18.
3232	0000	-946	37.5442	80.0351	DB-2	1.1	2.4	8.0	2.26	0.30	7.54	1886.	44.	19.
3233	0000	-944	37.5443	80.0344	DB-2	1.0	2.4	8.1	2.43	0.30	8.22	1852.	46.	20.
3234	0000	-942	37.5443	80.0338	DB-2	0.9	2.0	8.3	2.18	0.24	9.20	1786.	46.	21.
3235	0000	-942	37.5443	80.0331	DB-2	0.8 -	1.9	8.2	2.54	0.24	10.82 +	1719.	46.	21.
3236	0000	-942	37.5443	80.0325	DB-2	0.7 -	1.8	7.9	2.55	0.23	10.97 +	1668.	45.	21.
3237	0000	-942	37.5443	80.0319	DB-2	0.7 -	1.9	8.0	2.94 +	0.24	12.23 +	1667.	41.	22.
3238	0000	-940	37.5444	80.0312	DB-2	0.6 -	1.9	7.9	3.14 +	0.25	12.72 ++	1641.	41.	21.
3239	0000	-939	37.5444	80.0305	DB-2	0.6 -	2.0	8.0	3.25 +	0.24	13.30 ++	1638.	40.	21.
3240	0000	-940	37.5444	80.0299	DB-2	0.6 -	1.9	7.7	3.25 +	0.24	13.35 ++	1610.	42.	22.
3241	0000	-939	37.5444	80.0292	DB-2	0.6 -	2.0	7.2	3.56 +	0.28	12.73 ++	1607.	42.	22.
3242	0000	-938	37.5444	80.0286	DB-2	0.5 -	2.1	6.7	3.89 +	0.31	12.58 +	1603.	41.	23.
3243	0000	-940	37.5445	80.0279	DB-2	0.6 -	2.2	6.7	3.66 +	0.33	11.10 +	1617.	40.	23.
3244	0000	-939	37.5445	80.0273	DB-2	0.7 -	1.8	6.9	2.68	0.26	10.42 +	1595.	44.	24.
3245	0000	-938	37.5444	80.0266	DB-2	0.7 -	1.8	6.6 -	2.80 +	0.28	10.02 +	1601.	44.	24.
3246	0000	-941	37.5445	80.0260	DB-2	0.7 -	1.7	5.8 -	2.42	0.29	8.23	1571.	44.	24.
3247	0000	-939	37.5445	80.0254	DB-2	0.7 -	1.9	6.0 -	2.58	0.31	8.22	1574.	41.	23.
3248	0000	-936	37.5445	80.0247	DB-2	0.8 -	1.9	6.1 -	2.39	0.31	7.80	1576.	43.	22.
3249	0000	-937	37.5445	80.0240	DB-2	0.8	2.0	6.1 -	2.44	0.33	7.48	1576.	45.	21.
3250	0000	-936	37.5445	80.0234	DB-2	0.8	1.8	5.9 -	2.16	0.30	7.08	1593.	50.	21.
3251	0000	-934	37.5446	80.0227	DB-2	0.9	2.0	6.1 -	2.21	0.32	6.81	1638.	50.	18.
3252	0000	-934	37.5446	80.0221	DB-2	1.0	1.9	6.4 -	1.97	0.30	6.46	1673.	50.	17.
3253	0000	-937	37.5446	80.0214	DB-2	1.0	2.1	7.0	2.14	0.31	6.98	1747.	50.	16.
3254	0000	-936	37.5446	80.0208	DB-2	1.0	2.0	7.5	2.03	0.27	7.56	1777.	52.	16.
3255	0000	-934	37.5446	80.0201	DB-2	1.0	2.0	7.3	2.04	0.27	7.55	1758.	51.	15.
3256	0000	-935	37.5447	80.0194	DB-2	1.0	2.1	7.5	2.15	0.28	7.80	1751.	51.	15.
3257	0000	-935	37.5447	80.0187	DB-2	0.9	2.2	7.6	2.42	0.28	8.52	1716.	49.	15.
3258	0000	-932	37.5447	80.0182	DB-2	0.9	2.0	7.6	2.22	0.26	8.57	1677.	49.	15.
3259	0000	-933	37.5447	80.0175	DB-2	0.9	1.9	7.4	2.21	0.26	8.63	1645.	47.	15.
3260	0000	-934	37.5447	80.0168	DB-2	0.8	1.9	7.1	2.38	0.27	8.68	1605.	49.	15.
3261	0000	-931	37.5448	80.0162	DB-2	0.8	2.2	6.5 -	2.66	0.34	7.78	1583.	47.	14.
3262	0000	-932	37.5448	80.0155	DB-2	0.8 -	2.7	6.5 -	3.44 +	0.41 +	8.46	1603.	46.	13.
3263	0000	-931	37.5448	80.0149	DB-2	0.8 -	2.6	6.5 -	3.51 +	0.41 +	8.65	1600.	45.	13.
3264	0000	-930	37.5448	80.0142	DB-2	0.7 -	2.7	6.8	3.54 +	0.39 +	9.04	1605.	45.	13.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-933	37.5448	80.0135	DB-2	0.7 -	2.7 +	6.6 -	4.03 ++	0.41 +	9.72 +	1593.	46.	14.
3266	0000	-934	37.5449	80.0129	DB-2	0.6 -	2.9 +	6.6 -	4.70 ++	0.43 +	10.81 +	1577.	46.	16.
3267	0000	-933	37.5449	80.0123	DB-2	0.6 -	2.6	6.7	4.25 ++	0.39 +	10.93 +	1601.	45.	19.
3268	0000	-933	37.5448	80.0116	DB-2	0.6 -	2.2	7.5	3.49 +	0.29	11.88 +	1667.	46.	21.
3269	0000	-930	37.5449	80.0110	DB-2	0.9	1.8	7.8	2.09	0.23	9.16	1786.	47.	25.
3270	0000	-928	37.5449	80.0103	DB-2	1.1	1.6 -	8.9	1.41	0.18 -	7.94	1966.	48.	27.
3271	0000	-929	37.5449	80.0097	DB-2	1.3	1.6 -	9.1	1.27 -	0.18 -	7.19	2068.	47.	28.
3272	0000	-928	37.5449	80.0090	DB-2	1.4	1.8	9.4	1.30	0.19 -	6.84	2147.	47.	28.
3273	0000	-928	37.5449	80.0084	DB-2	1.5	1.7	9.7 +	1.16 -	0.17 -	6.69	2242.	46.	28.
3274	0000	-930	37.5450	80.0077	DB-2	1.6 +	1.9	9.9 +	1.22 -	0.19 -	6.38	2290.	45.	27.
3275	0000	-929	37.5450	80.0070	DB-2	1.6 +	2.1	9.5	1.30	0.22	5.91	2290.	45.	25.
3276	0000	-927	37.5450	80.0064	DB-2	1.5	2.1	9.4	1.41	0.23	6.19	2237.	45.	23.
3277	0000	-926	37.5450	80.0058	DB-2	1.4	2.6	8.6	1.89	0.30	6.32	2144.	45.	20.
3278	0000	-927	37.5450	80.0051	DB-2	1.4	2.5	8.7	1.83	0.29	6.36	2135.	45.	18.
3279	0000	-927	37.5451	80.0045	DB-2	1.4	2.6	8.8	1.90	0.30	6.43	2128.	43.	15.
3280	0000	-926	37.5451	80.0038	DB-2	1.4	2.9 +	8.3	2.05	0.35 +	5.94	2094.	47.	13.
3281	0000	-926	37.5450	80.0032	DB-2	1.4	2.9 +	8.3	2.06	0.35 +	5.93	2075.	49.	11.
3282	0000	-927	37.5451	80.0025	DB-2	1.4	2.9 +	8.3	2.06	0.35 +	5.93	2075.	49.	11.
3283	0000	-927	37.5451	80.0018	DB-2	1.4	2.9 +	8.3	2.06	0.35 +	5.93	2075.	49.	11.
3284	0000	-925	37.5451	80.0013	DB-2	1.4	2.9 +	8.3	2.06	0.35 +	5.93	2075.	49.	11.

CP9 1P12

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-892	37.4551	80.0012	OMUU	1.5 +	2.0 +	9.2 +	1.35	0.22	6.12	1908.	51.	7.
2	0000	-893	37.4550	80.0017	OMUU	1.5 +	2.0 +	9.2 +	1.35	0.22	6.12	1908.	51.	7.
3	0000	-893	37.4550	80.0023	OMUU	1.5 +	2.0 +	9.2 +	1.35	0.22	6.12	1908.	51.	7.
4	0000	-893	37.4550	80.0029	OMUU	1.5 +	2.0 +	9.2 +	1.35	0.22	6.12	1908.	51.	7.
5	0000	-894	37.4550	80.0033	OMUU	1.5 +	2.0 +	9.4 ++	1.36	0.21	6.44	1889.	48.	5.
6	0000	-895	37.4550	80.0039	OMUU	1.4 +	2.4 +	9.4 ++	1.73	0.25	6.91	1850.	47.	4.
7	0000	-895	37.4551	80.0044	OMUU	1.3 +	2.3 +	8.9 +	1.79	0.26	6.83	1774.	47.	3.
8	0000	-896	37.4551	80.0049	OMUU	1.2 +	2.2 +	8.6 +	1.91	0.26	7.34	1690.	47.	3.
9	0000	-896	37.4551	80.0055	OMUU	1.1	2.0 +	7.5 +	1.80	0.27	6.61	1629.	47.	4.
10	0000	-896	37.4551	80.0060	OMUU	1.1	2.0 +	7.5 +	1.91	0.27	7.04	1577.	46.	5.
11	0000	-896	37.4551	80.0065	OMUU	1.0	2.2 +	7.2	2.11	0.31	6.91	1546.	47.	5.
12	0000	-896	37.4551	80.0071	OMUU	1.0	2.1 +	7.0	2.05	0.30	6.75	1518.	49.	6.
13	0000	-896	37.4551	80.0076	OMUU	1.1	2.0 +	6.6	1.94	0.31	6.25	1501.	49.	6.
14	0000	-896	37.4551	80.0081	OMUU	1.1	1.8	6.2	1.69	0.30	5.69 -	1499.	51.	7.
15	0000	-897	37.4551	80.0087	OMUU	1.1	1.8	6.5	1.69	0.28	6.07	1509.	49.	8.
16	0000	-896	37.4551	80.0092	OMUU	1.0	2.0 +	6.4	1.93	0.31	6.14	1488.	48.	8.
17	0000	-896	37.4551	80.0098	OMUU	1.0	2.0 +	6.0	2.04	0.34	5.97	1455.	48.	8.
18	0000	-896	37.4551	80.0103	OMUU	1.0	1.9	6.1	1.95	0.32	6.20	1424.	48.	9.
19	0000	-897	37.4551	80.0108	OMUU	0.9	1.9	5.9	2.11	0.32	6.59	1391.	49.	9.
20	0000	-897	37.4551	80.0114	OMUU	0.8	1.9	5.6	2.34	0.35	6.72	1346.	47.	10.
21	0000	-896	37.4551	80.0119	OB-1	0.7	2.0 +	5.6	2.81	0.36	7.74	1292.	47.	10.
22	0000	-896	37.4551	80.0124	OB-1	0.6	2.0 +	5.1	3.13	0.40	7.87	1219.	47.	10.
23	0000	-896	37.4551	80.0129	OB-1	0.5	1.8	4.9	3.26	0.36	9.07	1137.	46.	11.
24	0000	-897	37.4551	80.0135	OB-1	0.4	1.6	4.4	3.65	0.37	9.92	1047.	45.	11.
25	0000	-898	37.4551	80.0141	OB-1	0.3 -	1.4	3.8	4.08 +	0.37	11.08 +	960.	43.	11.
26	0000	-899	37.4551	80.0145	OB-1	0.3 -	1.3	3.0 -	3.79 +	0.42	8.99	875.	43.	11.
27	0000	-899	37.4551	80.0150	OB-1	0.3 -	1.4	2.8 -	4.75 +	0.49 +	9.67	829.	42.	11.
28	0000	-899	37.4551	80.0156	OB-1	0.3 -	1.3	2.6 -	4.21 +	0.49 +	8.59	806.	42.	11.
29	0000	-899	37.4551	80.0161	OCH	0.4	1.3	2.5 -	3.65	0.52 +	7.04	817.	43.	10.
30	0000	-898	37.4551	80.0166	OCH	0.4	1.3	2.6 -	3.32	0.51 +	6.53	847.	44.	10.
31	0000	-898	37.4551	80.0172	OCH	0.4	1.4	2.8	3.42	0.52 +	6.63	884.	47.	9.
32	0000	-898	37.4551	80.0177	OCH	0.5	1.6	3.0	3.41	0.52 +	6.49	932.	46.	8.
33	0000	-898	37.4551	80.0183	OCH	0.4	2.0	3.4	4.89 +	0.58 +	8.37	972.	45.	6.
34	0000	-898	37.4551	80.0188	CCO-1	0.4	2.0 +	3.4	5.38 +	0.57 +	9.47	963.	48.	5.
35	0000	-899	37.4551	80.0193	CCO-1	0.3	2.1 +	3.2	6.42 +	0.64 +	9.99	944.	49.	5.
36	0000	-900	37.4551	80.0199	CCO-1	0.3 -	2.0 +	3.2	7.48 ++	0.63 +	11.88 +	906.	48.	5.
37	0000	-899	37.4552	80.0204	CCO-1	0.2 -	2.1 +	3.0	8.39 ++	0.70 ++	12.03 +	878.	47.	4.
38	0000	-900	37.4552	80.0209	CCO-1	0.2 -	2.0 +	2.9	8.13 ++	0.70 ++	11.65 +	853.	47.	4.
39	0000	-901	37.4552	80.0214	CCO-1	0.3 -	1.8 +	2.9	6.81 ++	0.62 +	11.04 +	828.	48.	5.
40	0000	-901	37.4552	80.0220	CCO-1	0.3	1.3	2.9	4.47 +	0.46	9.68	800.	50.	6.
41	0000	-902	37.4552	80.0225	CCO-1	0.3	1.2	2.9	3.55	0.42	8.46	810.	49.	7.
42	0000	-902	37.4551	80.0230	CCO-1	0.4	1.2	3.2	3.40	0.38	8.91	837.	45.	6.
43	0000	-902	37.4551	80.0235	CCO-1	0.4	1.2	3.0	2.91	0.40	7.28	863.	45.	6.
44	0000	-902	37.4551	80.0241	CCO-1	0.5	1.3	3.2	2.80	0.40	7.05	884	45.	6.
45	0000	-902	37.4551	80.0246	CCO-1	0.4	1.4	3.5	3.10	0.40	7.84	915.	45.	5.
46	0000	-904	37.4551	80.0252	CCO-1	0.4	1.6 +	4.0	3.83	0.41	9.39	950.	45.	4.
47	0000	-904	37.4551	80.0257	CCO-1	0.4	1.9 +	4.1	4.34	0.45	9.55	970.	44.	3.
48	0000	-903	37.4551	80.0262	CCO-1	0.4	1.7 +	4.3	4.04	0.40	9.98	982.	46.	2.
49	0000	-903	37.4552	80.0268	MPR-1	0.5 -	1.8	4.4 -	4.03 +	0.41 +	9.74	991.	48.	2.
50	0000	-903	37.4552	80.0273	MPR-1	0.4 -	1.9	4.8 -	4.61 +	0.40 +	11.49	1004.	48.	1.
51	0000	-903	37.4552	80.0278	MPR-1	0.4 -	1.9	4.9 -	4.69 +	0.39 +	11.94	1024.	50.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-902	37.4552	80.0284	MPR-1	0.5 -	1.9	5.1	4.21 +	0.38 +	11.11	1066.	49.	1.
53	0000	-903	37.4552	80.0289	MPR-1	0.5 -	2.1	4.9	4.35 +	0.44 +	9.97	1096.	50.	2.
54	0000	-903	37.4552	80.0295	MPR-1	0.5 -	2.1	4.9 -	3.96 +	0.42 +	9.36	1124.	50.	3.
55	0000	-902	37.4552	80.0299	MPR-1	0.5	2.0	5.2	3.77 +	0.39 +	9.67	1150.	50.	4.
56	0000	-902	37.4552	80.0304	MPR-1	0.6	2.0	5.3	3.66 +	0.38 +	9.69	1156.	50.	4.
57	0000	-902	37.4552	80.0311	MPR-1	0.6	1.9	5.1	3.17	0.37 +	8.51	1169.	49.	6.
58	0000	-903	37.4552	80.0315	DHS-1	0.6	1.9 +	5.2	3.36 +	0.37 +	9.16	1160.	47.	6.
59	0000	-903	37.4552	80.0320	DHS-1	0.6	1.6	5.1 -	2.86 +	0.32 +	8.92	1119.	49.	7.
60	0000	-902	37.4552	80.0326	DHS-1	0.6	1.4 -	4.7 -	2.34	0.30	7.93	1084.	47.	8.
61	0000	-901	37.4552	80.0331	DHS-1	0.6	1.4 -	4.4 --	2.45	0.32	7.73	1052.	47.	8.
62	0000	-901	37.4552	80.0337	DHS-1	0.5 -	1.5	4.1 --	2.79	0.36 +	7.75	1030.	47.	8.
63	0000	-900	37.4552	80.0342	DCH	0.5 -	1.2 -	4.2 -	2.32	0.29	7.87	1019.	49.	8.
64	0000	-901	37.4552	80.0347	DCH	0.5 -	1.2 -	4.5 -	2.24	0.26	8.62	1017.	50.	7.
65	0000	-902	37.4552	80.0353	DCH	0.6 -	1.1 -	4.5 -	1.90	0.24	7.90	1043.	49.	7.
66	0000	-901	37.4552	80.0358	DCH	0.6 -	1.4	4.4 -	2.53	0.32	7.86	1073.	48.	7.
67	0000	-901	37.4552	80.0363	DCH	0.6 -	1.5	4.8 -	2.72	0.32	8.56	1097.	50.	6.
68	0000	-902	37.4552	80.0369	DCH	0.6 -	1.5	5.2 -	2.55	0.29	8.91	1137.	52.	6.
69	0000	-902	37.4552	80.0374	DCH	0.6	1.6	5.2 -	2.63	0.31	8.40	1158.	54.	6.
70	0000	-902	37.4552	80.0379	DCH	0.6	1.9	5.1 -	2.98	0.36 +	8.17	1188.	54.	6.
71	0000	-900	37.4552	80.0385	DCH	0.7	2.0	5.2 -	3.07	0.39 +	7.97	1203.	55.	5.
72	0000	-900	37.4552	80.0390	DCH	0.7	2.0	5.3 -	3.00	0.37 +	8.15	1202.	54.	5.
73	0000	-901	37.4552	80.0395	DCH	0.6	1.8	5.5	2.86	0.33 +	8.65	1185.	57.	4.
74	0000	-900	37.4552	80.0401	DCH	0.6	1.8	5.6	2.90	0.32	9.12	1182.	56.	3.
75	0000	-900	37.4552	80.0405	DCH	0.6	1.8	5.5	2.80	0.32	8.76	1183.	55.	2.
76	0000	-900	37.4552	80.0411	DCH	0.7	1.6	5.7	2.41	0.29	8.41	1197.	53.	1.
77	0000	-900	37.4552	80.0416	DCH	0.7	1.5	5.7	2.23	0.27	8.36	1210.	53.	1.
78	0000	-899	37.4552	80.0422	DCH	0.7	1.6	6.1	2.13	0.26	8.30	1244.	54.	1.
79	0000	-900	37.4552	80.0427	DCH	0.8	1.7	6.2	2.24	0.28	8.06	1289.	56.	0.
80	0000	-900	37.4552	80.0432	DCH	0.9	1.7	6.4	1.93	0.27	7.19	1364.	55.	0.
81	0000	-901	37.4552	80.0438	DCH	0.9	2.0	6.6	2.10	0.30	7.01	1448.	54.	0.
82	0000	-903	37.4552	80.0443	DCH	1.0	2.0	7.1	2.04	0.29	7.10	1516.	54.	1.
83	0000	-904	37.4552	80.0449	DCH	1.1	2.3	7.8	2.17	0.30	7.25	1608.	54.	0.
84	0000	-904	37.4552	80.0453	DCH	1.2	2.3	8.6	1.99	0.27	7.28	1707.	54.	1.
85	0000	-906	37.4552	80.0459	DCH	1.3	2.2	9.0	1.71	0.24	7.01	1780.	55.	2.
86	0000	-907	37.4552	80.0465	DCH	1.3 +	2.1	9.4	1.60	0.23	7.06	1858.	54.	3.
87	0000	-907	37.4552	80.0469	DCH	1.4 +	2.1	10.2	1.52	0.21	7.40	1929.	54.	3.
88	0000	-907	37.4552	80.0474	DCH	1.5 +	1.9	10.8	1.32 -	0.18 -	7.37	2001.	54.	4.
89	0000	-909	37.4552	80.0480	DCH	1.5 +	2.1	10.9	1.40 -	0.19 -	7.45	2050.	54.	4.
90	0000	-910	37.4552	80.0485	DCH	1.5 +	1.9	10.9	1.29 -	0.17 -	7.48	2072.	53.	5.
91	0000	-910	37.4552	80.0491	DCH	1.4 +	1.8	10.7	1.22 -	0.17 -	7.40	2051.	53.	5.
92	0000	-910	37.4552	80.0496	DB-2	1.4	1.9	10.7 +	1.42	0.18 -	7.86	2044.	51.	5.
93	0000	-910	37.4552	80.0501	DB-2	1.4	1.9	10.3 +	1.43	0.19 -	7.58	2005.	51.	4.
94	0000	-910	37.4552	80.0507	DB-2	1.3	2.3	9.7 +	1.76	0.23	7.55	1985.	50.	3.
95	0000	-911	37.4552	80.0512	DB-2	1.2	2.4	9.4	1.93	0.26	7.51	1950.	50.	3.
96	0000	-911	37.4552	80.0517	DB-2	1.3	2.3	9.5	1.83	0.25	7.44	1961.	49.	2.
97	0000	-911	37.4552	80.0523	DB-2	1.3	2.4	9.9 +	1.90	0.25	7.74	1960.	51.	2.
98	0000	-911	37.4552	80.0528	DB-2	1.2	3.1 +	9.6	2.62	0.33	8.01	1989.	50.	1.
99	0000	-912	37.4552	80.0534	DB-2	1.2	3.4 ++	9.3	2.91 +	0.37 +	7.92	1973.	49.	1.
100	0000	-913	37.4552	80.0539	DB-2	1.2	3.4 ++	9.8 +	2.93 +	0.35 +	8.43	1970.	49.	1.
101	0000	-913	37.4552	80.0544	DB-2	1.2	3.2 ++	9.8 +	2.78 +	0.33	8.48	1941.	48.	1.
102	0000	-914	37.4552	80.0550	DB-2	1.1	3.2 ++	9.8 +	2.93 +	0.33	8.84	1916.	48.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-913	37.4552	80.0555	DB-2	1.1	3.2 ++	9.8 +	2.93 +	0.33	8.86	1894.	47.	2.
104	0000	-912	37.4552	80.0560	DB-2	1.1	3.5 ++	8.9	3.28 +	0.39 +	8.40	1879.	45.	3.
105	0000	-913	37.4552	80.0565	DB-2	1.1	2.9 +	9.2	2.59	0.32	8.20	1854.	45.	4.
106	0000	-914	37.4552	80.0571	DB-2	1.2	2.6	9.1	2.25	0.29	7.78	1870.	43.	5.
107	0000	-913	37.4552	80.0576	DB-2	1.2	2.8 +	8.8	2.35	0.32	7.47	1906.	45.	5.
108	0000	-913	37.4552	80.0581	DB-2	1.3	2.7 +	9.2	2.14	0.30	7.17	1975.	46.	6.
109	0000	-912	37.4552	80.0586	DB-2	1.3	2.5	9.2	1.87	0.27	6.93	1992.	47.	6.
110	0000	-912	37.4552	80.0592	DB-2	1.3	2.5	8.9	1.93	0.29	6.76	1993.	47.	8.
111	0000	-912	37.4552	80.0597	DB-2	1.4	2.2	9.1	1.65	0.25	6.69	2012.	47.	9.
112	0000	-912	37.4552	80.0602	DB-2	1.4	2.2	9.1	1.58	0.25	6.39	2048.	48.	11.
113	0000	-911	37.4552	80.0608	DB-2	1.5	2.1	9.0	1.45	0.24	6.11	2068.	48.	13.
114	0000	-911	37.4552	80.0613	DB-2	1.6 +	1.7	9.3	1.11 -	0.19 -	5.97	2095.	46.	15.
115	0000	-911	37.4552	80.0619	DB-2	1.5	1.5 -	8.9	0.98 -	0.17 -	5.80	2072.	46.	17.
116	0000	-910	37.4552	80.0623	DB-2	1.6 +	1.5 -	8.6	0.97 -	0.18 -	5.42 -	2067.	44.	18.
117	0000	-909	37.4553	80.0629	DB-2	1.6 +	1.4 -	8.6	0.89 -	0.16 -	5.38 -	2055.	43.	17.
118	0000	-910	37.4553	80.0634	DB-2	1.6 +	1.3 -	9.0	0.80 --	0.15 --	5.45 -	2043.	44.	17.
119	0000	-910	37.4553	80.0639	DB-2	1.6 +	1.2 -	9.1	0.77 --	0.14 --	5.58	2021.	45.	16.
120	0000	-910	37.4553	80.0645	DB-2	1.6 +	1.4 -	9.3	0.92 -	0.16 -	5.94	2021.	45.	14.
121	0000	-909	37.4553	80.0650	DB-2	1.5	1.7	9.2	1.15 -	0.19 -	6.13	2004.	46.	12.
122	0000	-909	37.4552	80.0655	DB-2	1.5	2.0	9.3	1.38	0.22	6.39	1990.	44.	10.
123	0000	-910	37.4552	80.0661	DB-2	1.4	2.3	9.5	1.71	0.25	6.97	1993.	44.	9.
124	0000	-909	37.4552	80.0665	DB-2	1.3	2.6	10.1 +	2.02	0.26	7.73	2001.	44.	8.
125	0000	-909	37.4552	80.0671	DB-2	1.3	3.0 +	9.8 +	2.39	0.31	7.79	2000.	43.	7.
126	0000	-910	37.4552	80.0677	DB-2	1.1	3.3 ++	9.4	2.89 +	0.35 +	8.22	1988.	42.	8.
127	0000	-910	37.4552	80.0682	DB-2	1.1	3.5 ++	9.7	3.08 +	0.36 +	8.52	1976.	42.	7.
128	0000	-909	37.4552	80.0688	DB-2	1.1	3.5 ++	9.6	3.15 +	0.37 +	8.62	1954.	42.	8.
129	0000	-908	37.4552	80.0693	DB-2	1.0	3.6 ++	9.4	3.53 +	0.39 +	9.16	1942.	45.	9.
130	0000	-908	37.4553	80.0698	DB-2	1.0	3.5 ++	9.5	3.35 +	0.37 +	9.15	1959.	44.	10.
131	0000	-907	37.4553	80.0704	DB-2	1.1	3.3 ++	9.1	3.08 +	0.36 +	8.56	1958.	45.	12.
132	0000	-907	37.4553	80.0709	DB-2	1.0	3.2 +	8.7	3.05 +	0.36 +	8.40	1920.	45.	13.
133	0000	-907	37.4553	80.0714	DB-2	1.1	3.1 +	9.1	2.95 +	0.34 +	8.64	1939.	45.	13.
134	0000	-907	37.4553	80.0720	DB-2	1.0	2.9 +	8.9	2.78 +	0.33	8.50	1922.	45.	14.
135	0000	-907	37.4553	80.0725	DB-2	1.0	2.9 +	8.6	2.98 +	0.34 +	8.74	1907.	46.	16.
136	0000	-906	37.4553	80.0731	DB-2	1.0	2.7 +	8.6	2.65	0.32	8.38	1884.	45.	16.
137	0000	-906	37.4553	80.0735	DB-2	0.9	2.8 +	8.2	2.98 +	0.34 +	8.74	1847.	46.	17.
138	0000	-906	37.4553	80.0741	DB-2	0.9	2.7 +	8.3	3.16 +	0.33	9.66 +	1806.	48.	17.
139	0000	-905	37.4553	80.0746	DB-2	0.8 -	2.5	8.7	3.28 +	0.29	11.27 +	1774.	50.	16.
140	0000	-905	37.4553	80.0751	DB-2	0.7 -	2.4	8.2	3.26 +	0.29	11.20 +	1707.	49.	16.
141	0000	-904	37.4553	80.0756	DB-2	0.7 -	2.3	8.2	3.57 +	0.28	12.55 +	1673.	48.	15.
142	0000	-903	37.4552	80.0762	DCH	0.6	2.4	8.1	3.76 +	0.30	12.69 +	1626.	48.	13.
143	0000	-903	37.4553	80.0767	DCH	0.6 -	2.6	7.8	4.60 +	0.33 +	13.92 +	1577.	49.	11.
144	0000	-903	37.4553	80.0773	DCH	0.6	2.2	7.8	3.57 +	0.29	12.52	1539.	49.	10.
145	0000	-904	37.4553	80.0778	DCH	0.7	2.3	7.3	3.35 +	0.31	10.73	1506.	47.	9.
146	0000	-905	37.4553	80.0783	DCH	0.7	2.4	7.2	3.53 +	0.34 +	10.49	1475.	46.	8.
147	0000	-905	37.4553	80.0789	DCH	0.7	2.5	7.2	3.62 +	0.35 +	10.38	1450.	48.	7.
148	0000	-905	37.4553	80.0794	DCH	0.7	2.6	7.3	3.67 +	0.35 +	10.49	1424.	49.	6.
149	0000	-905	37.4553	80.0799	DCH	0.7	2.4	7.1	3.48 +	0.35 +	10.04	1418.	48.	6.
150	0000	-905	37.4553	80.0804	DCH	0.8	2.2	7.3	2.88	0.29	9.76	1426.	49.	6.
151	0000	-905	37.4553	80.0810	DCH	0.8	2.4	7.4	3.10	0.32	9.72	1439.	49.	5.
152	0000	-905	37.4553	80.0815	DCH	0.8	2.6	7.6	3.35	0.34 +	9.79	1495.	52.	4.
153	0000	-906	37.4553	80.0820	DCH	0.8	2.5	7.6	3.00	0.33 +	8.99	1551.	53.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292 PAGE 427

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-906	37.4553	80.0826	DCH	0.9	2.4	7.5	2.61	0.32	8.17	1602.	53.	4.
155	0000	-906	37.4553	80.0831	DCH	1.0	2.4	7.3	2.45	0.33	7.52	1656.	51.	4.
156	0000	-906	37.4553	80.0836	DCH	1.0	2.4	7.7	2.33	0.31	7.53	1697.	54.	4.
157	0000	-906	37.4553	80.0842	DCH	1.1	2.3	7.7	2.08	0.29	7.05	1715.	55.	4.
158	0000	-906	37.4553	80.0847	DCH	1.1	2.1	7.7	2.03	0.28	7.33	1717.	55.	5.
159	0000	-905	37.4553	80.0852	DCH	1.1	2.0	7.9	1.82	0.25	7.24	1702.	52.	6.
160	0000	-905	37.4553	80.0858	DB-2	1.1	1.9	7.7	1.81	0.25	7.20	1702.	51.	5.
161	0000	-905	37.4554	80.0863	DB-2	1.1	2.0	8.0	1.91	0.25	7.51	1698.	51.	4.
162	0000	-904	37.4553	80.0868	DB-2	1.1	2.1	8.0	1.96	0.26	7.55	1670.	53.	4.
163	0000	-904	37.4553	80.0874	DB-2	1.0	2.2	8.1	2.14	0.27	7.92	1642.	50.	3.
164	0000	-904	37.4553	80.0879	DB-2	1.0	2.5	7.8	2.55	0.32	8.02	1656.	49.	2.
165	0000	-903	37.4553	80.0885	DB-2	1.0	2.4	8.3	2.38	0.29	8.26	1719.	48.	2.
166	0000	-904	37.4553	80.0890	DB-2	1.0	2.5	8.6	2.58	0.29	8.81	1735.	49.	2.
167	0000	-904	37.4553	80.0895	DB-2	1.0	2.3	8.6	2.41	0.27	9.04	1694.	51.	2.
168	0000	-904	37.4553	80.0900	DB-2	0.9	2.2	8.3	2.44	0.27	9.09	1663.	51.	3.
169	0000	-904	37.4553	80.0905	DB-2	0.9	2.1	8.2	2.23	0.25	8.76	1660.	50.	4.
170	0000	-903	37.4553	80.0910	DB-2	0.9	2.0	8.2	2.09	0.24	8.66	1659.	50.	4.
171	0000	-902	37.4553	80.0916	DB-2	0.9	1.9	8.3	2.04	0.23	8.90	1642.	50.	5.
172	0000	-902	37.4553	80.0921	DB-2	1.0	2.1	7.8	2.15	0.27	8.06	1595.	50.	4.
173	0000	-901	37.4553	80.0927	DB-2	1.0	2.0	7.8	1.94	0.25	7.60	1616.	50.	5.
174	0000	-901	37.4554	80.0932	DB-2	1.1	2.2	8.0	1.98	0.28	7.13	1682.	46.	5.
175	0000	-902	37.4554	80.0937	DB-2	1.2	2.3	8.3	2.00	0.28	7.14	1731.	45.	5.
176	0000	-901	37.4554	80.0943	DB-2	1.2	2.4	8.6	2.05	0.28	7.32	1756.	47.	5.
177	0000	-901	37.4554	80.0948	DB-2	1.2	2.5	8.6	2.12	0.29	7.26	1780.	48.	4.
178	0000	-901	37.4554	80.0953	DB-2	1.2	2.6	8.7	2.19	0.30	7.35	1808.	48.	5.
179	0000	-901	37.4554	80.0959	DLMU-2	1.2	2.6	8.7	2.21	0.29	7.56	1839.	48.	5.
180	0000	-900	37.4554	80.0964	DLMU-2	1.1	2.7 +	8.5	2.40 +	0.32	7.44	1848.	49.	4.
181	0000	-900	37.4554	80.0969	DLMU-2	1.1	2.9 +	8.0	2.65 +	0.36 +	7.26	1861.	51.	4.
182	0000	-899	37.4553	80.0975	DLMU-2	1.2	2.9 +	8.4	2.44 +	0.34 +	7.09	1911.	51.	5.
183	0000	-899	37.4553	80.0980	DLMU-2	1.2	3.3 +	8.5	2.75 +	0.39 +	7.03	1988.	50.	4.
184	0000	-899	37.4553	80.0986	DLMU-2	1.3	3.4 ++	8.8	2.62 +	0.39 +	6.73	2095.	49.	4.
185	0000	-899	37.4553	80.0991	DLMU-2	1.5	3.7 ++	9.3 +	2.56 +	0.40 +	6.37	2217.	48.	5.
186	0000	-900	37.4553	80.0995	DLMU-2	1.5	4.1 ++	9.5 +	2.69 +	0.44 ++	6.17	2314.	48.	5.
187	0000	-899	37.4553	80.1002	DLMU-2	1.5	4.2 ++	9.6 +	2.78 +	0.44 ++	6.38	2375.	48.	5.
188	0000	-899	37.4553	80.1007	DLMU-2	1.5	4.3 ++	10.2 ++	2.83 +	0.42 +	6.82	2416.	47.	7.
189	0000	-899	37.4553	80.1012	DLMU-2	1.5	4.3 +++	9.9 +	2.89 +	0.44 ++	6.60	2428.	47.	8.
190	0000	-898	37.4554	80.1017	DLMU-2	1.5	4.0 ++	9.9 +	2.62 +	0.40 +	6.56	2410.	47.	10.
191	0000	-898	37.4554	80.1022	DLMU-2	1.5	3.7 ++	9.9 +	2.47 +	0.37 +	6.65	2367.	47.	11.
192	0000	-898	37.4554	80.1028	DLMU-2	1.4	3.4 +	10.0 +	2.43 +	0.34 +	7.23	2306.	48.	13.
193	0000	-897	37.4554	80.1033	DLMU-2	1.4	3.0 +	10.0 +	2.16	0.31	7.07	2252.	48.	14.
194	0000	-896	37.4554	80.1038	DLMU-2	1.5	2.8 +	10.0 +	1.87	0.28	6.79	2200.	48.	15.
195	0000	-897	37.4554	80.1044	DLMU-2	1.5	2.5	10.0 +	1.67	0.25	6.77	2139.	46.	15.
196	0000	-896	37.4554	80.1049	DLMU-2	1.4	2.5	10.0 +	1.81	0.25	7.20	2075.	48.	14.
197	0000	-895	37.4554	80.1055	DLMU-2	1.4	2.3	9.6 +	1.67	0.24	6.85	2028.	46.	14.
198	0000	-895	37.4554	80.1060	DLMU-2	1.4	2.2	9.1	1.62	0.25	6.53	1982.	44.	13.
199	0000	-895	37.4554	80.1065	DLMU-2	1.4	2.4	8.1	1.72	0.29	5.89	1930.	42.	13.
200	0000	-894	37.4554	80.1070	DLMU-2	1.3	2.5	7.7	1.97	0.33 +	5.94	1878.	42.	13.
201	0000	-894	37.4554	80.1075	DLMU-2	1.2	2.6	7.6	2.18	0.35 +	6.28	1824.	44.	13.
202	0000	-894	37.4554	80.1081	DLMU-1	1.1 +	2.7 +	6.8 +	2.41	0.39	6.12	1792.	46.	13.
203	0000	-894	37.4555	80.1086	DLMU-1	1.1 +	2.7 +	6.7 +	2.56	0.41	6.31	1777.	45.	14.
204	0000	-894	37.4555	80.1091	DLMU-1	1.0 +	2.8 +	6.7 +	2.76	0.42	6.57	1778.	45.	15.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-894	37.4556	80.1097	DLMU-1	1.0 +	3.1 ++	6.8 +	3.16	0.45	7.08	1791.	45.	15.
206	0000	-894	37.4556	80.1102	DLMU-2	1.0 -	3.2 +	7.0 -	3.34 ++	0.46 ++	7.27	1837.	46.	15.
207	0000	-893	37.4557	80.1107	DLMU-2	1.0 -	3.1 +	7.3 -	3.05 +	0.42 +	7.25	1867.	44.	15.
208	0000	-893	37.4558	80.1111	STC-2	1.0 +	3.1 ++	7.0 +	3.03	0.44 +	6.83 -	1892.	41.	15.
209	0000	-894	37.4558	80.1116	STC-2	1.1 +	3.1 ++	7.1 +	2.87	0.44 +	6.58 -	1874.	42.	13.
210	0000	-894	37.4559	80.1122	STC-2	1.1 +	3.1 ++	6.4	2.87	0.48 +	5.98 -	1832.	42.	12.
211	0000	-894	37.4560	80.1127	STC-2	1.0 +	3.2 ++	5.7	3.31	0.57 ++	5.81 -	1739.	43.	11.
212	0000	-894	37.4561	80.1132	STC-2	0.9 +	3.1 ++	4.9	3.49	0.63 ++	5.52 -	1609.	43.	10.
213	0000	-894	37.4561	80.1137	STC-2	0.8	2.7 +	4.4	3.56	0.62 ++	5.77 -	1440.	42.	9.
214	0000	-893	37.4562	80.1142	STC-1	0.7 +++	2.6 ++	3.5	3.77	0.73 ++	5.20 ---	1286.	47.	8.
215	0000	-893	37.4562	80.1147	STC-1	0.6 ++	2.2 ++	3.3	3.91	0.67 +	5.84 --	1152.	49.	8.
216	0000	-894	37.4563	80.1152	STC-1	0.5 ++	2.1 ++	2.8	4.51	0.73 ++	6.16 --	1045.	49.	8.
217	0000	-895	37.4564	80.1157	STC-1	0.4 +	2.0 +	2.9	4.88	0.69 +	7.12 -	977.	48.	8.
218	0000	-895	37.4564	80.1162	STC-1	0.4 +	1.5 +	3.1	3.75	0.49	7.71 -	927.	48.	9.
219	0000	-896	37.4565	80.1167	STC-1	0.4 +	1.5 +	3.0	4.21	0.51 +	8.28 -	886.	51.	9.
220	0000	-896	37.4566	80.1172	STC-1	0.3 +	1.5 +	3.0	4.47	0.51 +	8.82 -	844.	53.	8.
221	0000	-896	37.4567	80.1177	STC-1	0.2	1.4 +	3.0	5.83	0.48	12.24	795.	54.	9.
222	0000	-896	37.4567	80.1182	STC-1	0.2	1.6 +	2.7	6.71	0.57 +	11.84	762.	53.	9.
223	0000	-897	37.4568	80.1187	STC-1	0.2	1.4	2.6	5.70	0.52 +	10.90	732.	52.	9.
224	0000	-896	37.4568	80.1192	STC-1	0.2	1.0	2.4	4.46	0.42	10.54	688.	55.	11.
225	0000	-896	37.4569	80.1197	STC-1	0.2	1.3	2.3 -	7.41 +	0.57 +	13.08	672.	56.	10.
226	0000	-897	37.4570	80.1202	STC-1	0.2	1.0	2.5	5.09	0.39	12.98	671.	53.	11.
227	0000	-896	37.4571	80.1207	STC-1	0.2	0.8	2.7	3.95	0.30	13.36	679.	53.	12.
228	0000	-896	37.4572	80.1212	STC-1	0.2	0.9	2.7	5.10	0.34	14.85	688.	50.	12.
229	0000	-897	37.4572	80.1217	STC-1	0.2	0.9	2.6	4.70	0.34	13.73	694.	49.	12.
230	0000	-898	37.4573	80.1222	STC-1	0.2	1.0	2.7	5.52	0.36	15.33	699.	50.	10.
231	0000	-898	37.4574	80.1227	STC-1	0.2	1.2	2.7	6.56	0.45	14.43	710.	46.	8.
232	0000	-898	37.4574	80.1232	STC-1	0.2	1.2	2.5	5.93	0.49	12.22	706.	47.	7.
233	0000	-899	37.4575	80.1238	STC-1	0.2	1.4	2.3 -	6.83	0.61 +	11.13	700.	46.	4.
234	0000	-898	37.4575	80.1243	STC-1	0.2	1.6 +	2.1 -	7.92 +	0.74 ++	10.65	683.	46.	3.
235	0000	-898	37.4576	80.1247	STC-1	0.2	1.5 +	2.5	7.35 +	0.63 +	11.76	679.	46.	1.
236	0000	-898	37.4577	80.1252	STC-1	0.2	1.7 +	2.5	8.22 +	0.66 +	12.52	665.	47.	0.
237	0000	-899	37.4578	80.1258	STC-1	0.2	1.7 +	2.5	8.71 +	0.67 +	12.95	655.	46.	0.
238	0000	-899	37.4578	80.1263	OMUU	0.2 --	1.6	2.4 -	9.68 ++	0.65 ++	14.90 +	633.	47.	1.
239	0000	-899	37.4579	80.1268	OMUU	0.2 --	1.4	2.6 -	7.74 ++	0.53 +	14.58 +	626.	48.	2.
240	0000	-899	37.4580	80.1273	OMUU	0.2 -	1.2	2.6 -	6.48 +	0.47 +	13.70 +	614.	52.	3.
241	0000	-900	37.4580	80.1277	OMUU	0.2 -	1.1	2.6 -	5.81 +	0.44 +	13.13 +	613.	52.	4.
242	0000	-901	37.4581	80.1283	OMUU	0.2 -	1.1	2.4 -	5.43 +	0.46 +	11.81	609.	51.	4.
243	0000	-901	37.4581	80.1288	OMUU	0.2 -	1.0 -	2.3 -	4.92 +	0.42 +	11.61	601.	54.	5.
244	0000	-901	37.4582	80.1293	OMUU	0.2 --	1.0 -	2.4 -	5.38 +	0.41 +	13.12 +	608.	55.	5.
245	0000	-901	37.4583	80.1298	OMUU	0.2 -	1.0	2.5 -	4.29 +	0.41 +	10.47	620.	57.	4.
246	0000	-901	37.4584	80.1303	OMUU	0.2 -	1.2	2.5 -	5.75 +	0.47 +	12.14	628.	57.	3.
247	0000	-901	37.4584	80.1308	OMUU	0.2 -	1.3	2.6 -	7.15 ++	0.52 +	13.84 +	632.	56.	2.
248	0000	-901	37.4585	80.1313	OMUU	0.2 -	1.4	2.7 -	7.32 ++	0.53 +	13.79 +	647.	56.	1.
249	0000	-901	37.4585	80.1318	OMUU	0.2 -	1.4	2.9 -	6.04 +	0.48 +	12.52 +	661.	57.	1.
250	0000	-901	37.4586	80.1323	OMUU	0.2 -	1.4	3.5 -	5.98 +	0.40 +	15.09 +	687.	55.	0.
251	0000	-900	37.4587	80.1328	OMUU	0.2 -	1.5	3.5 -	6.58 +	0.44 +	15.13 +	701.	55.	0.
252	0000	-900	37.4588	80.1333	OMUU	0.2 -	1.6	3.8	7.52 ++	0.41 +	18.40 ++	725.	53.	0.
253	0000	-899	37.4588	80.1338	OMUU	0.2 -	1.5	3.9	7.26 ++	0.39 +	18.59 ++	733.	53.	0.
254	0000	-897	37.4589	80.1343	OMUU	0.2 -	1.6	4.0	7.86 ++	0.40 +	19.84 ++	748.	54.	0.
255	0000	-895	37.4590	80.1348	OMUU	0.2 -	1.6	4.2	8.58 ++	0.38 +	22.46 ++	758.	55.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140; DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-894	37.4590	80.1354	OMUU	0.2 --	1.5	4.4	8.75 ++	0.35	25.05 ++	765.	55.	1.
257	0000	-894	37.4591	80.1358	OMUU	0.2 --	1.7	4.2	9.54 ++	0.40 +	23.86 ++	772.	53.	1.
258	0000	-895	37.4592	80.1363	OMUU	0.2 -	1.4	4.4	6.67 +	0.32	21.17 ++	776.	52.	2.
259	0000	-898	37.4592	80.1368	OMUU	0.2 -	1.2	4.3	6.18 +	0.27	22.51 ++	761.	55.	2.
260	0000	-899	37.4594	80.1374	OMUU	0.2 -	1.2	4.3	5.72 +	0.26	19.95 ++	764.	56.	2.
261	0000	-901	37.4594	80.1379	OMUU	0.3 -	1.1	4.6	4.01 +	0.23	17.59 +	773.	55.	2.
262	0000	-902	37.4595	80.1384	OMUU	0.3 -	1.0 -	4.4	3.39	0.22	15.08 +	782.	57.	3.
263	0000	-902	37.4595	80.1389	OMUU	0.3 -	1.2	4.1	3.94 +	0.29	13.61 +	785.	58.	2.
264	0000	-903	37.4596	80.1393	OMUU	0.3 -	1.0 -	4.1	3.32	0.24	13.68 +	786.	61.	2.
265	0000	-903	37.4597	80.1399	OMUU	0.3 -	1.0	4.2	3.10	0.25	12.60 +	793.	62.	1.
266	0000	-904	37.4597	80.1404	OMUU	0.4	1.3	4.0	3.61	0.33	10.98	803.	61.	1.
267	0000	-904	37.4598	80.1409	OMUU	0.4	1.2	3.8	3.40	0.32	10.74	791.	61.	1.
268	0000	-904	37.4598	80.1415	OMUU	0.3 -	1.4	3.5 -	4.38 +	0.41 +	10.76	775.	61.	1.
269	0000	-905	37.4600	80.1420	OMUU	0.3 -	1.4	3.5 -	4.50 +	0.40 +	11.18	742.	61.	0.
270	0000	-905	37.4600	80.1424	OMUU	0.3 -	1.3	3.5 -	4.31 +	0.37	11.74	715.	61.	0.
271	0000	-905	37.4601	80.1430	OMUU	0.3 -	1.4	3.0 -	4.48 +	0.46 +	9.74	689.	61.	0.
272	0000	-906	37.4601	80.1434	OMUU	0.3 -	1.5	2.8 -	5.32 +	0.53 +	10.07	657.	61.	0.
273	0000	-906	37.4602	80.1440	OMUU	0.3 -	1.3	2.8 -	5.13 +	0.46 +	11.19	639.	61.	1.
274	0000	-906	37.4603	80.1445	OMUU	0.2 -	1.4	3.0 -	5.96 +	0.46 +	13.08 +	646.	62.	1.
275	0000	-906	37.4603	80.1450	OMUU	0.2 -	1.3	3.1 -	5.64 +	0.42 +	13.40 +	652.	61.	1.
276	0000	-906	37.4604	80.1455	OMUU	0.3 -	1.3	2.9 -	5.00 +	0.44 +	11.30	679.	62.	1.
277	0000	-907	37.4605	80.1460	OMUU	0.3 -	1.2	3.2 -	3.78	0.38 +	9.83	724.	63.	1.
278	0000	-907	37.4606	80.1465	OMUU	0.3 -	1.4	3.4 -	4.02 +	0.40 +	10.13	776.	62.	1.
279	0000	-909	37.4606	80.1470	OMUU	0.4	1.4	3.6 -	3.22	0.41 +	7.93	851.	62.	1.
280	0000	-909	37.4607	80.1475	OMUU	0.5	1.5	3.9	2.77	0.39 +	7.03	928.	63.	1.
281	0000	-909	37.4607	80.1480	OKU	0.7	1.3	4.4	1.89	0.29	6.43	1006.	63.	2.
282	0000	-910	37.4608	80.1485	OKU	0.8	1.2	4.6	1.58	0.27	5.86	1092.	63.	2.
283	0000	-910	37.4609	80.1490	OKU	0.8	1.5	5.7	1.83	0.26	7.06	1187.	62.	2.
284	0000	-911	37.4609	80.1495	OKU	0.9	1.8	5.7	2.00	0.31	6.42	1263.	63.	2.
285	0000	-910	37.4610	80.1500	OKU	1.0	1.7	6.3	1.69	0.27	6.27	1329.	62.	2.
286	0000	-911	37.4611	80.1505	OKU	1.0	1.6	7.1 +	1.65	0.23	7.17	1392.	62.	1.
287	0000	-912	37.4612	80.1510	OKU	1.0 +	1.4	7.4 +	1.39	0.20 -	7.14	1433.	61.	2.
288	0000	-911	37.4612	80.1515	OKU	1.0 +	1.7	7.0 +	1.57	0.24	6.66	1453.	58.	2.
289	0000	-911	37.4613	80.1520	OKU	1.0	1.8	7.3 +	1.83	0.25	7.31	1499.	58.	2.
290	0000	-912	37.4613	80.1525	OKU	1.1 +	1.6	7.2 +	1.43	0.22	6.45	1536.	57.	3.
291	0000	-913	37.4614	80.1530	OKU	1.1 +	1.5	7.5 +	1.33 -	0.20 -	6.78	1563.	54.	3.
292	0000	-913	37.4615	80.1535	OKU	1.1 +	1.5	7.7 +	1.34 -	0.19 -	6.95	1595.	53.	3.
293	0000	-913	37.4616	80.1541	OKU	1.1 +	1.7	7.3 +	1.51	0.24	6.40	1615.	54.	3.
294	0000	-912	37.4617	80.1545	OKU	1.1 +	1.9	7.5 +	1.71	0.26	6.69	1653.	55.	3.
295	0000	-912	37.4617	80.1551	OKU	1.2 +	1.9	7.6 +	1.64	0.25	6.53	1685.	59.	3.
296	0000	-912	37.4618	80.1556	OKU	1.2 +	1.9	7.6 +	1.56	0.25	6.15	1673.	59.	3.
297	0000	-912	37.4618	80.1561	OKU	1.2 +	1.9	7.4 +	1.66	0.26	6.31	1646.	60.	3.
298	0000	-912	37.4619	80.1566	OKU	1.2 +	1.9	7.6 +	1.61	0.25	6.33	1642.	59.	4.
299	0000	-911	37.4620	80.1570	OKU	1.2 +	1.9	7.7 +	1.66	0.25	6.59	1634.	58.	4.
300	0000	-911	37.4620	80.1576	OKU	1.2 +	1.7	7.7 +	1.51	0.23	6.65	1603.	57.	5.
301	0000	-911	37.4621	80.1581	OKU	1.1 +	1.7	7.7 +	1.54	0.22 -	7.12	1553.	56.	6.
302	0000	-910	37.4622	80.1586	OKU	1.0	1.9	8.0 +	1.94	0.23	8.34	1501.	53.	6.
303	0000	-909	37.4623	80.1591	OKU	0.9	1.9	7.9 +	2.18	0.24	9.25	1468.	51.	6.
304	0000	-910	37.4623	80.1595	OKU	0.8	1.9	7.9 +	2.24	0.24	9.49	1445.	51.	6.
305	0000	-910	37.4624	80.1601	OKU	0.7	2.0	7.7 +	2.80	0.26	10.71	1415.	52.	5.
306	0000	-910	37.4624	80.1606	OKU	0.7	2.1 +	7.4 +	2.89	0.28	10.46	1385.	50.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-911	37.4625	80.1611	OKU	0.7	2.1 +	7.1 +	3.16	0.30	10.50	1347.	50.	4.
308	0000	-910	37.4626	80.1616	OKU	0.7	2.1 +	6.9 +	3.15	0.31	10.12	1320.	51.	3.
309	0000	-909	37.4626	80.1621	OKU	0.7	1.8	6.9 +	2.52	0.27	9.35	1295.	53.	2.
310	0000	-909	37.4627	80.1626	OKU	0.7	1.8	6.6 +	2.50	0.27	9.15	1248.	54.	2.
311	0000	-911	37.4628	80.1631	OKU	0.7	1.9	6.3	2.94	0.31	9.59	1194.	54.	2.
312	0000	-911	37.4629	80.1636	OKU	0.6	1.6	5.8	2.58	0.28	9.09	1119.	52.	3.
313	0000	-911	37.4629	80.1641	OKU	0.5	1.6	5.3	2.88	0.29	9.83	1050.	54.	4.
314	0000	-911	37.4630	80.1646	OKU	0.5	1.5	5.1	3.18	0.30	10.76	1001.	53.	4.
315	0000	-912	37.4630	80.1651	OKU	0.4	1.7	4.6	3.92	0.36	10.83	958.	51.	5.
316	0000	-914	37.4631	80.1656	OKU	0.3 -	1.8	4.1	5.40 +	0.44 +	12.25 +	931.	48.	5.
317	0000	-915	37.4632	80.1661	OKU	0.3 -	1.7	4.0	5.22 +	0.43 +	12.16 +	917.	49.	5.
318	0000	-915	37.4633	80.1667	OKU	0.3 -	1.5	3.5 -	4.45 +	0.43 +	10.33	897.	51.	6.
319	0000	-915	37.4633	80.1672	OKU	0.4	1.7	3.6	4.68 +	0.49 +	9.55	918.	50.	5.
320	0000	-915	37.4634	80.1676	OKU	0.4	1.7	3.3 -	3.83	0.52 +	7.42	951.	48.	5.
321	0000	-916	37.4635	80.1681	OKU	0.5	1.7	3.6	3.22	0.47 +	6.79	997.	49.	6.
322	0000	-917	37.4635	80.1686	OKU	0.6	1.6	3.7	2.54	0.43	5.96	1036.	50.	6.
323	0000	-916	37.4636	80.1692	OKU	0.7	1.6	3.5 -	2.32	0.45 +	5.10	1066.	51.	7.
324	0000	-916	37.4637	80.1697	OKU	0.8	1.5	3.5 -	1.93	0.42	4.56 -	1074.	51.	8.
325	0000	-917	37.4637	80.1702	OKU	0.8	1.5	3.7	1.86	0.40	4.61 -	1091.	48.	7.
326	0000	-917	37.4639	80.1707	OKU	0.8	1.5	3.5 -	1.86	0.42	4.48 -	1086.	50.	7.
327	0000	-917	37.4639	80.1712	OKU	0.8	1.5	3.5 -	1.92	0.43 +	4.45 -	1060.	51.	7.
328	0000	-919	37.4640	80.1717	OKU	0.8	1.5	3.2 -	2.03	0.48 +	4.20 -	1049.	49.	7.
329	0000	-919	37.4640	80.1722	OKU	0.7	1.6	3.0 -	2.20	0.52 +	4.22 -	1043.	51.	7.
330	0000	-920	37.4641	80.1728	OKU	0.7	1.5	3.2 -	2.13	0.47 +	4.51 -	1029.	51.	6.
331	0000	-920	37.4642	80.1733	OKU	0.7	1.5	3.0 -	2.20	0.50 +	4.42 -	1022.	51.	6.
332	0000	-920	37.4642	80.1738	OKU	0.7	1.7	3.0 -	2.49	0.56 +	4.45 -	1026.	54.	6.
333	0000	-920	37.4643	80.1743	OKU	0.7	1.8	3.1 -	2.69	0.57 +	4.72 -	1026.	52.	6.
334	0000	-920	37.4643	80.1747	OKU	0.6	1.7	3.3 -	2.95	0.52 +	5.64	999.	53.	5.
335	0000	-920	37.4644	80.1753	OKU	0.5	1.5	3.5 -	3.03	0.44 +	6.86	933.	56.	4.
336	0000	-921	37.4645	80.1758	OKU	0.4	1.7	3.5 -	3.81	0.47 +	8.07	891.	54.	3.
337	0000	-922	37.4646	80.1763	OKU	0.4	1.8	3.2 -	4.51 +	0.56 +	8.07	847.	54.	2.
338	0000	-922	37.4646	80.1768	OKU	0.3 -	1.9	3.0 -	6.09 +	0.63 ++	9.70	809.	54.	1.
339	0000	-922	37.4647	80.1772	OKU	0.3 -	1.8	3.1 -	6.52 +	0.58 +	11.30	775.	52.	0.
340	0000	-922	37.4647	80.1778	OKU	0.2 -	1.5	3.3 -	6.58 +	0.46 +	14.26 +	745.	53.	0.
341	0000	-923	37.4648	80.1783	OKU	0.3 -	1.7	3.1 -	6.62 +	0.54 +	12.27 +	749.	55.	0.
342	0000	-924	37.4649	80.1738	OKU	0.3 -	1.8	3.1 -	6.95 ++	0.59 +	11.87	774.	53.	0.
343	0000	-925	37.4650	80.1793	OKU	0.3 -	1.8	3.0 -	5.37 +	0.59 +	9.18	764.	56.	0.
344	0000	-924	37.4650	80.1798	OKU	0.3 -	1.6	3.3 -	5.36 +	0.49 +	10.99	759.	56.	0.
345	0000	-924	37.4651	80.1803	OKU	0.3 -	1.7	3.5 -	6.00 +	0.49 +	12.28 +	745.	57.	0.
346	0000	-925	37.4652	80.1808	OKU	0.3	1.8	3.4 -	6.67 +	0.52 +	12.85 +	719.	58.	0.
347	0000	-926	37.4652	80.1813	OKU	0.3 -	1.8	2.9 -	6.10 +	0.60 ++	10.17	695.	57.	0.
348	0000	-926	37.4653	80.1818	OKU	0.3 -	1.7	2.8 -	6.19 +	0.60 ++	10.33	669.	54.	0.
349	0000	-926	37.4653	80.1823	OKU	0.3 -	1.6	2.7 -	5.59 +	0.58 +	9.65	642.	54.	1.
350	0000	-926	37.4654	80.1828	OKU	0.2 -	1.3	2.8 -	5.21 +	0.46 +	11.29	629.	53.	2.
351	0000	-927	37.4655	80.1833	OKU	0.2 -	1.3	2.6 --	5.55 +	0.51 +	10.90	625.	53.	2.
352	0000	-927	37.4656	80.1838	OKU	0.3 -	1.2	2.4 --	4.08 +	0.49 +	8.34	629.	53.	3.
353	0000	-928	37.4657	80.1844	OKU	0.3 -	1.1	2.3 --	3.82	0.46 +	8.26	637.	53.	4.
354	0000	-928	37.4657	80.1849	OKU	0.3 -	0.9 -	2.4 --	3.36	0.37	9.13	635.	54.	5.
355	0000	-927	37.4658	80.1853	OKU	0.3 -	0.6 -	2.5 --	2.14	0.24	9.07	628.	55.	7.
356	0000	-928	37.4659	80.1859	OKU	0.2 -	0.5 --	2.4 --	2.10	0.20 -	10.28	622.	55.	8.
357	0000	-930	37.4659	80.1863	OKU	0.2 --	0.6 -	2.3 --	2.67	0.25	10.53	618.	55.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-930	37.4660	80.1869	OKU	0.2 -	0.6 -	2.4 --	2.69	0.27	10.12	631.	53.	9.
359	0000	-930	37.4661	80.1874	OKU	0.2 -	0.7 -	2.4 --	2.98	0.28	10.59	649.	53.	9.
360	0000	-930	37.4661	80.1879	OKU	0.3 -	0.7 -	2.3 --	2.66	0.32	8.41	663.	54.	10.
361	0000	-931	37.4662	80.1884	OKU	0.3 -	0.7 -	2.5 --	2.16	0.30	7.20	703.	54.	10.
362	0000	-931	37.4663	80.1889	OKU	0.4	0.9 -	2.5 --	2.35	0.36	6.47	744.	55.	10.
363	0000	-931	37.4663	80.1894	OKU	0.5	1.0	2.6 --	2.30	0.40	5.69	792.	55.	9.
364	0000	-931	37.4664	80.1899	OKU	0.6	1.1	2.6 --	1.94	0.44 +	4.47 -	850.	56.	8.
365	0000	-931	37.4664	80.1904	OMUU	0.7	1.1	2.7 -	1.56	0.41 +	3.80 --	914.	57.	7.
366	0000	-933	37.4665	80.1909	OMUU	0.8	1.2	3.2 -	1.54	0.37	4.13 -	985.	54.	5.
367	0000	-933	37.4666	80.1914	OMUU	0.8	1.3	3.4 -	1.57	0.37	4.21 -	1041.	55.	4.
368	0000	-932	37.4667	80.1919	OMUU	0.9	1.4	3.6 -	1.66	0.39 +	4.23 -	1080.	53.	2.
369	0000	-932	37.4667	80.1924	OMUU	0.9	1.5	4.1	1.68	0.37	4.53 -	1116.	53.	1.
370	0000	-932	37.4668	80.1929	OMUU	0.9	1.4	4.6	1.59	0.31	5.05 -	1148.	52.	1.
371	0000	-932	37.4669	80.1934	OMUU	0.9	1.5	4.8	1.70	0.32	5.27 -	1179.	51.	0.
372	0000	-933	37.4669	80.1939	OMUU	0.9	1.7	5.1	1.89	0.33	5.78	1200.	53.	0.
373	0000	-933	37.4670	80.1944	OMUU	0.9	1.7	5.2	1.86	0.34	5.53 -	1232.	53.	0.
374	0000	-933	37.4670	80.1949	OMUU	1.0	1.9	5.7	1.87	0.33	5.69 -	1276.	51.	0.
375	0000	-934	37.4671	80.1954	OMUU	1.1	2.0 +	5.9	1.86	0.33	5.61 -	1312.	52.	0.
376	0000	-934	37.4672	80.1959	OMUU	1.1	2.2 +	5.6	2.03	0.38 +	5.30 -	1340.	51.	0.
377	0000	-934	37.4673	80.1964	OMUU	1.1	2.3 +	5.3	2.05	0.43 +	4.78 -	1355.	51.	0.
378	0000	-935	37.4673	80.1969	OMUU	1.1	2.4 +	5.4	2.25	0.45 +	4.98 -	1343.	49.	0.
379	0000	-936	37.4674	80.1974	OMUU	1.1	2.2 +	5.3	2.10	0.41 +	5.08 -	1307.	50.	0.
380	0000	-935	37.4675	80.1980	OMUU	1.0	2.1 +	5.0	2.13	0.42 +	5.01 -	1252.	50.	0.
381	0000	-935	37.4675	80.1985	OMUU	0.9	2.0 +	4.7	2.19	0.43 +	5.12 -	1197.	50.	0.
382	0000	-935	37.4676	80.1990	OMUU	0.8	2.0 +	4.5	2.52	0.43 +	5.81	1147.	51.	0.
383	0000	-936	37.4677	80.1994	OMUU	0.7	1.8	4.7	2.45	0.38 +	6.47	1110.	52.	0.
384	0000	-937	37.4678	80.1999	OMUU	0.7	1.8	4.8	2.59	0.38 +	6.74	1084.	51.	0.
385	0000	-937	37.4678	80.2005	OMUU	0.7	1.7	4.7	2.63	0.37	7.14	1076.	54.	0.
386	0000	-938	37.4679	80.2010	OMUU	0.6	1.8	4.8	2.84	0.38 +	7.49	1085.	52.	0.
387	0000	-939	37.4679	80.2015	OMUU	0.7	2.0 +	5.2	2.91	0.38	7.74	1139.	51.	0.
388	0000	-938	37.4680	80.2020	OMUU	0.7	1.9	5.7	2.69	0.34	7.92	1190.	52.	0.
389	0000	-937	37.4681	80.2024	OMUU	0.8	2.0 +	5.8	2.51	0.35	7.20	1251.	50.	1.
390	0000	-937	37.4682	80.2030	OMUU	0.8	2.2 +	6.0	2.68	0.37	7.30	1302.	49.	1.
391	0000	-940	37.4682	80.2035	OMUU	0.8	2.1 +	6.7	2.62	0.32	8.16	1355.	50.	1.
392	0000	-939	37.4682	80.2040	OMUU	0.9	2.0 +	7.0	2.23	0.28	7.92	1405.	50.	2.
393	0000	-937	37.4683	80.2046	OMUU	0.9	2.0 +	7.0	2.10	0.28	7.52	1461.	51.	3.
394	0000	-937	37.4683	80.2052	OMUU	0.9	1.9	7.4	1.99	0.25	7.88	1481.	51.	3.
395	0000	-939	37.4683	80.2058	OMUU	1.0	2.0 +	7.3	2.02	0.27	7.53	1525.	52.	3.
396	0000	-940	37.4683	80.2064	OMUU	1.0	2.2 +	7.6 +	2.25	0.29	7.65	1578.	53.	3.
397	0000	-941	37.4684	80.2069	OMUU	1.1	2.1 +	7.6 +	1.89	0.27	6.98	1614.	55.	3.
398	0000	-941	37.4684	80.2075	OMUU	1.2 +	2.2 +	7.4	1.81	0.29	6.16	1643.	58.	2.
399	0000	-940	37.4684	80.2081	STC-2	1.2 +	2.3 +	7.3 +	1.85	0.31	5.96 -	1673.	58.	2.
400	0000	-941	37.4684	80.2087	STC-2	1.3 +	2.4 +	7.6 +	1.81	0.32	5.74 -	1702.	58.	1.
401	0000	-941	37.4684	80.2094	STC-2	1.4 +	2.4 +	7.3 +	1.70 -	0.33	5.19 -	1740.	61.	0.
402	0000	-940	37.4684	80.2099	STC-2	1.4 +	2.5 +	7.4 +	1.73 -	0.34	5.14 -	1787.	59.	0.
403	0000	-940	37.4684	80.2105	STC-2	1.5 ++	2.4 +	7.5 +	1.57 -	0.32	4.99 -	1825.	59.	0.
404	0000	-941	37.4684	80.2110	STC-2	1.6 ++	2.4 +	7.9 +	1.52 -	0.30	5.07 -	1870.	60.	0.
405	0000	-941	37.4684	80.2116	STC-2	1.6 ++	2.2 +	8.4 +	1.35 -	0.26	5.22 -	1916.	59.	1.
406	0000	-941	37.4684	80.2122	STC-2	1.7 ++	2.0 +	9.2 ++	1.22 -	0.22	5.49 -	1968.	58.	2.
407	0000	-943	37.4684	80.2128	STC-2	1.6 ++	2.0 +	9.1 ++	1.22 -	0.22	5.52 -	1994.	59.	3.
408	0000	-944	37.4684	80.2134	STC-2	1.6 ++	2.1 +	9.3 ++	1.29 -	0.22	5.79 -	2032.	59.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-944	37.4684	80.2139	STC-2	1.6 ++	2.1 +	9.0 ++	1.27 -	0.23	5.49 -	2052.	59.	5.
410	0000	-943	37.4685	80.2146	STC-2	1.7 ++	2.1 +	9.0 ++	1.27 -	0.24	5.39 -	2075.	60.	5.
411	0000	-943	37.4685	80.2152	STC-2	1.7 ++	2.1 +	8.9 ++	1.21 -	0.23	5.25 -	2102.	59.	6.
412	0000	-944	37.4685	80.2157	STC-2	1.8 ++	2.1 +	8.7 ++	1.20 -	0.25	4.87 -	2127.	59.	6.
413	0000	-944	37.4685	80.2163	STC-2	1.8 ++	2.4 +	8.3 +	1.32 -	0.29	4.60 --	2160.	57.	5.
414	0000	-943	37.4685	80.2169	STC-2	1.9 ++	2.3 +	8.7 ++	1.25 -	0.27	4.69 --	2191.	59.	4.
415	0000	-943	37.4685	80.2175	STC-2	2.0 ++	2.2 +	9.1 ++	1.13 -	0.24	4.65 --	2216.	59.	4.
416	0000	-943	37.4685	80.2180	STC-2	2.0 ++	2.0 +	9.7 ++	1.02 --	0.21	4.87 -	2221.	60.	3.
417	0000	-943	37.4685	80.2186	STC-2	2.0 ++	2.0	10.1 ++	1.00 --	0.20	5.09 -	2213.	59.	2.
418	0000	-943	37.4685	80.2192	STC-2	2.0 ++	2.2 +	10.0 ++	1.07 -	0.21	4.96 -	2226.	59.	1.
419	0000	-943	37.4685	80.2198	STC-2	1.9 ++	2.4 +	9.9 ++	1.23 -	0.24	5.14 -	2220.	61.	1.
420	0000	-943	37.4685	80.2204	STC-2	1.9 ++	2.4 +	9.9 ++	1.25 -	0.24	5.20 -	2195.	62.	1.
421	0000	-943	37.4685	80.2210	STC-2	2.0 ++	2.5 +	9.4 ++	1.24 -	0.26	4.77 --	2194.	58.	1.
422	0000	-943	37.4685	80.2216	STC-2	1.9 ++	2.6 +	9.0 ++	1.33 -	0.29	4.64 --	2171.	56.	0.
423	0000	-944	37.4685	80.2222	STC-2	1.9 ++	2.7 +	8.7 ++	1.41 -	0.31	4.55 --	2136.	57.	0.
424	0000	-943	37.4686	80.2227	STC-2	1.9 ++	2.8 +	8.5 ++	1.43 -	0.33	4.39 --	2098.	59.	0.
425	0000	-943	37.4686	80.2233	STC-2	1.8 ++	2.7 +	8.4 +	1.57 -	0.33	4.80 -	2004.	58.	0.
426	0000	-944	37.4686	80.2239	STC-2	1.7 ++	2.7 +	7.9 +	1.58 -	0.33	4.73 --	1903.	57.	0.
427	0000	-945	37.4686	80.2245	STC-2	1.6 ++	2.5 +	7.4 +	1.60 -	0.34	4.76 --	1805.	58.	1.
428	0000	-945	37.4686	80.2251	STC-2	1.3 +	2.5 +	7.6 +	1.85	0.33	5.68 -	1696.	60.	1.
429	0000	-945	37.4686	80.2257	STC-2	1.2 +	2.3 +	7.0 +	1.94	0.34	5.78 -	1569.	64.	1.
430	0000	-944	37.4686	80.2263	STC-2	1.0 +	2.1 +	6.6	1.99	0.31	6.31 -	1452.	61.	1.
431	0000	-945	37.4686	80.2268	STC-2	0.9 +	1.9	6.2	2.13	0.30	7.14 -	1327.	60.	1.
432	0000	-946	37.4686	80.2274	STC-2	0.8	1.7	5.9	2.19	0.29	7.55	1232.	59.	1.
433	0000	-946	37.4686	80.2280	STC-2	0.7	1.7	5.9	2.58	0.29	9.00	1168.	59.	1.
434	0000	-946	37.4686	80.2286	DLMU-1	0.6	1.6	5.7 +	2.68	0.28	9.55	1092.	56.	0.
435	0000	-947	37.4686	80.2291	DLMU-1	0.6	1.4	5.2	2.37	0.27	8.75	1019.	52.	0.
436	0000	-946	37.4686	80.2298	DLMU-1	0.5	1.3	5.2	2.59	0.26	10.15	960.	50.	0.
437	0000	-946	37.4686	80.2304	DLMU-1	0.5	1.4	4.7	2.80	0.29	9.78	909.	50.	0.
438	0000	-948	37.4686	80.2309	DLMU-1	0.5	1.4	4.4	2.87	0.31	9.31	871.	48.	1.
439	0000	-948	37.4686	80.2315	DLMU-1	0.5	1.1	4.1	2.14	0.27	7.93	844.	52.	2.
440	0000	-948	37.4687	80.2321	DLMU-1	0.5	1.0	3.8	1.82 -	0.25	7.38	813.	52.	3.
441	0000	-949	37.4687	80.2327	DLMU-1	0.5	0.9	3.7	2.05	0.25	8.16	796.	54.	5.
442	0000	-948	37.4687	80.2333	DLMU-1	0.4	0.9 -	3.5	2.25	0.26	8.64	785.	57.	6.
443	0000	-948	37.4687	80.2338	DLMU-1	0.4	0.7 -	3.5	1.81 -	0.20 -	8.84	789.	58.	7.
444	0000	-948	37.4687	80.2344	DLMU-1	0.4	0.6 --	3.8	1.54 -	0.15 --	10.25	785.	59.	9.
445	0000	-949	37.4687	80.2351	DLMU-1	0.3	0.5 --	3.8	1.37 -	0.12 --	11.38	774.	60.	9.
446	0000	-949	37.4687	80.2356	DLMU-1	0.3	0.6 --	3.6	2.05	0.17 -	12.39	764.	56.	9.
447	0000	-948	37.4687	80.2362	DLMU-1	0.3	0.6 -	3.6	2.31	0.18 -	12.76	765.	54.	9.
448	0000	-948	37.4687	80.2368	DLMU-1	0.3	0.7 -	3.6	2.36	0.19 -	12.52	778.	54.	8.
449	0000	-948	37.4687	80.2374	DLMU-1	0.3	0.8 -	4.1	2.27	0.19 -	11.86	819.	52.	7.
450	0000	-948	37.4687	80.2379	DLMU-1	0.3	1.0	4.0	3.00	0.26	11.43	841.	50.	6.
451	0000	-947	37.4687	80.2385	DLMU-1	0.4	1.2	4.0	2.78	0.29	9.68	870.	49.	4.
452	0000	-947	37.4687	80.2391	DLMU-1	0.4	1.4	4.1	3.12	0.33	9.32	902.	51.	3.
453	0000	-947	37.4687	80.2397	DLMU-1	0.5	1.4	4.6	2.95	0.31	9.67	937.	52.	2.
454	0000	-947	37.4687	80.2403	DLMU-1	0.5	1.4	4.9	2.78	0.28	9.78	972.	53.	1.
455	0000	-946	37.4687	80.2409	DLMU-1	0.5	1.5	5.0	2.73	0.29	9.27	1005.	51.	1.
456	0000	-947	37.4688	80.2415	DLMU-1	0.5	1.5	5.0	2.84	0.30	9.35	1011.	53.	2.
457	0000	-947	37.4688	80.2421	DLMU-1	0.6	1.5	4.9	2.59	0.31	8.39	1039.	53.	4.
458	0000	-947	37.4688	80.2426	DLMU-1	0.6	1.3	5.2	2.27	0.25	9.00	1075.	51.	6.
459	0000	-946	37.4688	80.2432	DLMU-1	0.6	1.2	5.5 +	2.06	0.21 -	9.63	1090.	50.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-947	37.4688	80.2438	DLMU-1	0.6	1.2	5.4	2.25	0.23 -	9.79	1108.	51.	10.
461	0000	-947	37.4688	80.2444	DLMU-1	0.6	1.1	5.7 +	1.91	0.20 -	9.62	1130.	51.	12.
462	0000	-947	37.4688	80.2450	DLMU-1	0.7	1.1	5.8 +	1.76 -	0.20 -	8.90	1177.	51.	14.
463	0000	-947	37.4688	80.2456	DLMU-1	0.7	0.9 -	6.1 +	1.27 -	0.15 --	8.49	1246.	48.	14.
464	0000	-946	37.4688	80.2462	DLMU-1	0.7	1.0	6.7 +	1.38 -	0.15 --	9.50	1302.	50.	14.
465	0000	-946	37.4688	80.2467	DLMU-1	0.8	1.2	6.5 +	1.55 -	0.19 -	8.27	1362.	50.	13.
466	0000	-946	37.4688	80.2473	DLMU-1	0.9 +	1.3	6.5 +	1.46 -	0.21 -	7.08	1450.	50.	13.
467	0000	-946	37.4689	80.2478	DLMU-1	1.0 +	1.4	6.6 +	1.40 -	0.21 -	6.56	1518.	47.	12.
468	0000	-946	37.4689	80.2485	DLMU-1	1.0 +	1.5	6.3 +	1.48 -	0.24 -	6.20	1520.	46.	10.
469	0000	-946	37.4689	80.2490	DLMU-1	1.0 +	1.4	6.5 +	1.51 -	0.22 -	6.79	1468.	46.	9.
470	0000	-946	37.4689	80.2496	DLMU-1	0.9 +	1.7	6.0 +	1.87	0.28	6.74	1394.	48.	7.
471	0000	-946	37.4689	80.2503	DLMU-1	0.9 +	1.6	5.6 +	1.86	0.29	6.36	1342.	47.	7.
472	0000	-945	37.4689	80.2508	DLMU-1	0.8	1.4	5.8 +	1.79 -	0.24 -	7.45	1289.	47.	6.
473	0000	-945	37.4689	80.2514	DLMU-1	0.7	1.3	5.7 +	1.73 -	0.22 -	7.84	1198.	47.	5.
474	0000	-945	37.4683	80.2520	DB-2	0.7 -	1.2 -	5.2 -	1.78	0.22	8.03	1118.	51.	5.
475	0000	-945	37.4689	80.2525	DB-2	0.6 -	1.3 -	5.1 --	2.13	0.26	8.28	1101.	51.	5.
476	0000	-945	37.4689	80.2532	DB-2	0.6 -	1.4 -	4.8 --	2.14	0.28	7.56	1135.	52.	5.
477	0000	-945	37.4689	80.2537	DB-2	0.7 -	1.5 -	5.3 -	2.27	0.28	7.98	1198.	52.	5.
478	0000	-945	37.4689	80.2543	DB-2	0.7 -	1.4 -	5.8 -	1.88	0.24	7.70	1265.	53.	6.
479	0000	-945	37.4689	80.2549	DB-2	0.9	1.7	5.8 -	1.96	0.30	6.59	1339.	54.	5.
480	0000	-945	37.4689	80.2555	DB-2	1.0	1.8	6.7	1.85	0.27	6.96	1437.	55.	5.
481	0000	-946	37.4690	80.2561	DB-2	1.0	1.8	7.4	1.79	0.24	7.33	1518.	52.	4.
482	0000	-945	37.4690	80.2567	DB-2	1.0	1.7	7.6	1.64	0.22	7.35	1555.	51.	5.
483	0000	-945	37.4690	80.2573	DB-2	1.0	1.7	7.6	1.69	0.23	7.48	1533.	54.	5.
484	0000	-945	37.4690	80.2578	DB-2	0.9	1.7	7.3	1.87	0.24	7.88	1475.	55.	6.
485	0000	-944	37.4690	80.2584	DB-2	0.8	1.8	6.7	2.21	0.27	8.25	1381.	54.	6.
486	0000	-944	37.4690	80.2590	DB-2	0.6 -	1.7	5.9 -	2.71	0.29	9.30	1260.	52.	7.
487	0000	-944	37.4690	80.2596	DB-2	0.5 -	1.7	5.0 --	3.14 +	0.33	9.47	1150.	52.	7.
488	0000	-945	37.4690	80.2602	DB-2	0.5 -	1.7	4.7 --	3.35 +	0.36 +	9.20	1088.	52.	7.
489	0000	-944	37.4691	80.2607	DB-2	0.5 -	1.8	4.7 --	3.74 +	0.38 +	9.92 +	1057.	51.	6.
490	0000	-943	37.4691	80.2614	DB-2	0.5 -	1.5 -	4.8 --	3.09 +	0.32	9.65 +	1044.	50.	7.
491	0000	-943	37.4691	80.2620	DB-2	0.5 -	1.5 -	4.3 --	2.87 +	0.35 +	8.31	1024.	50.	6.
492	0000	-944	37.4691	80.2625	DB-2	0.5 -	1.5 -	4.5 --	3.04 +	0.35 +	8.73	1032.	49.	6.
493	0000	-943	37.4691	80.2631	DB-2	0.5 -	1.5 -	4.8 -	2.97 +	0.32	9.28	1051.	49.	4.
494	0000	-943	37.4691	80.2637	DB-2	0.6 -	1.7	5.3 -	3.06 +	0.32	9.65 +	1113.	50.	4.
495	0000	-943	37.4691	80.2642	DB-2	0.6 -	1.7	5.7 -	2.84 +	0.29	9.71 +	1178.	50.	3.
496	0000	-943	37.4691	80.2648	DB-2	0.6 -	1.8	6.0 -	2.83 +	0.29	9.67 +	1243.	50.	3.
497	0000	-942	37.4691	80.2655	DB-2	0.6 -	2.0	6.7	3.09 +	0.29	10.53 +	1319.	49.	2.
498	0000	-942	37.4691	80.2661	DLMU-2	0.7 --	2.1	7.4 -	3.02 +	0.28	10.81 ++	1393.	48.	1.
499	0000	-943	37.4691	80.2666	DLMU-2	0.7 --	2.1	7.2 -	3.01 +	0.30	10.07 ++	1425.	49.	2.
500	0000	-942	37.4691	80.2672	DLMU-2	0.8 --	2.0	7.3 -	2.66 +	0.28	9.45 +	1436.	49.	2.
501	0000	-941	37.4691	80.2677	DLMU-1	0.7	2.1 +	6.8 +	2.85	0.31	9.17	1402.	48.	4.
502	0000	-941	37.4691	80.2684	DLMU-1	0.7	2.0 +	6.4 +	3.02	0.32	9.39	1338.	50.	5.
503	0000	-941	37.4691	80.2689	DLMU-1	0.7	1.9	5.8 +	2.83	0.32	8.87	1279.	49.	6.
504	0000	-941	37.4692	80.2695	DLMU-1	0.7	1.8	5.0	2.75	0.37	7.51	1226.	50.	7.
505	0000	-941	37.4692	80.2701	DLMU-1	0.7	1.8	4.8	2.65	0.37	7.23	1214.	49.	8.
506	0000	-940	37.4692	80.2707	DLMU-1	0.7	1.6	5.0	2.20	0.32	6.95	1226.	49.	8.
507	0000	-939	37.4692	80.2713	DLMU-1	0.7	1.8	4.9	2.62	0.38	6.98	1257.	50.	7.
508	0000	-940	37.4692	80.2719	DLMU-1	0.7	1.9	5.2	2.56	0.36	7.20	1277.	48.	6.
509	0000	-941	37.4692	80.2725	DLMU-1	0.7	2.0 +	5.1	2.73	0.40	6.84	1305.	47.	5.
510	0000	-940	37.4692	80.2730	DLMU-1	0.7	2.2 +	5.3	2.98	0.42	7.08	1332.	50.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-940	37.4692	80.2736 DLMU-1	0.8	2.4 +	5.7 +	3.05	0.42	7.29	1380.	50.	3.
512	0000	-940	37.4692	80.2742 DLMU-1	0.8	2.6 +	5.7 +	3.36	0.45	7.39	1402.	52.	2.
513	0000	-939	37.4692	80.2747 DLMU-1	0.8	2.5 +	6.2 +	3.33	0.41	8.18	1428.	53.	3.
514	0000	-940	37.4692	80.2754 DLMU-1	0.8	2.3 +	6.2 +	2.93	0.37	7.87	1443.	54.	4.
515	0000	-940	37.4692	80.2760 DLMU-1	0.8	2.1 +	5.9 +	2.72	0.36	7.45	1429.	55.	6.
516	0000	-940	37.4692	80.2766 DLMU-1	0.8	1.9	6.0 +	2.47	0.32	7.81	1406.	54.	8.
517	0000	-939	37.4692	80.2772 DLMU-1	0.7	1.8	5.8 +	2.39	0.30	7.92	1363.	52.	9.
518	0000	-939	37.4692	80.2777 DLMU-1	0.6	1.4	5.5 +	2.23	0.26	8.68	1291.	53.	12.
519	0000	-939	37.4693	80.2783 DLMU-1	0.6	1.1	5.2	1.86	0.21 -	8.82	1208.	52.	14.
520	0000	-939	37.4693	80.2789 DLMU-1	0.5	1.1	4.8	1.97	0.23 -	8.72	1134.	50.	15.
521	0000	-939	37.4693	80.2794 DLMU-1	0.5	1.1	4.5	2.11	0.24 -	8.89	1079.	48.	16.
522	0000	-938	37.4693	80.2800 DLMU-1	0.5	1.2	4.3	2.65	0.28	9.64	1066.	45.	16.
523	0000	-938	37.4693	80.2807 DLMU-1	0.5	1.3	4.3	2.82	0.31	9.11	1075.	45.	16.
524	0000	-938	37.4693	80.2812 DLMU-1	0.5	1.5	4.3	3.01	0.34	8.86	1118.	44.	15.
525	0000	-937	37.4693	80.2818 DLMU-1	0.6	1.7	4.5	2.97	0.38	7.92	1181.	45.	13.
526	0000	-937	37.4693	80.2824 DLMU-1	0.7	1.6	5.0	2.37	0.32	7.44	1252.	45.	12.
527	0000	-937	37.4693	80.2830 DLMU-1	0.7	1.6	5.3	2.26	0.30	7.62	1286.	44.	10.
528	0000	-936	37.4693	80.2835 DLMU-1	0.7	1.7	5.8 +	2.46	0.30	8.23	1313.	44.	9.
529	0000	-937	37.4693	80.2841 DLMU-1	0.8	1.6	6.3 +	1.99	0.25	8.03	1348.	44.	8.
530	0000	-937	37.4693	80.2847 DLMU-1	0.8	1.7	6.4 +	2.21	0.27	8.15	1372.	45.	7.
531	0000	-937	37.4693	80.2853 DLMU-1	0.8	1.9	6.5 +	2.39	0.30	8.08	1399.	47.	6.
532	0000	-938	37.4693	80.2859 DLMU-1	0.8 +	2.0 +	6.5 +	2.52	0.31	8.10	1397.	46.	6.
533	0000	-937	37.4693	80.2865 DLMU-1	0.8	2.4 +	6.5 +	2.95	0.36	8.16	1420.	45.	6.
534	0000	-937	37.4693	80.2871 DLMU-1	0.9 +	2.5 +	6.5 +	2.90	0.38	7.55	1479.	43.	6.
535	0000	-937	37.4694	80.2876 STC-2	1.0 +	2.6 +	6.7	2.73	0.39 +	6.96 -	1525.	44.	5.
536	0000	-937	37.4694	80.2882 STC-2	1.0 +	2.9 ++	6.6	3.04	0.45 +	6.78 -	1575.	45.	4.
537	0000	-936	37.4694	80.2888 STC-2	1.0 +	3.0 ++	6.5	3.09	0.46 +	6.67 -	1595.	46.	4.
538	0000	-936	37.4694	80.2894 STC-2	1.0 +	2.9 ++	6.8 +	2.89	0.42 +	6.83 -	1597.	44.	4.
539	0000	-935	37.4694	80.2900 STC-2	1.0 +	2.9 ++	6.6	3.00	0.44 +	6.79 -	1602.	43.	3.
540	0000	-935	37.4694	80.2906 STC-2	0.9 +	2.9 ++	6.2	3.14	0.47 +	6.67 -	1572.	44.	2.
541	0000	-935	37.4694	80.2912 STC-2	0.9 +	3.2 ++	5.9	3.68	0.55 ++	6.72 -	1542.	47.	3.
542	0000	-935	37.4694	80.2918 STC-2	0.8	3.3 ++	5.3	4.14	0.62 ++	6.66 -	1532.	45.	3.
543	0000	-935	37.4694	80.2923 STC-2	0.8	3.3 ++	5.3	4.38	0.62 ++	7.10 -	1512.	44.	4.
544	0000	-934	37.4694	80.2929 STC-2	0.8	3.2 ++	5.5	4.00	0.58 ++	6.92 -	1527.	44.	4.
545	0000	-934	37.4694	80.2935 STC-2	0.8	3.4 ++	5.1	4.17	0.66 ++	6.33 -	1565.	45.	5.
546	0000	-934	37.4694	80.2941 STC-2	0.8	3.4 ++	5.2	4.04	0.66 ++	6.15 -	1616.	46.	6.
547	0000	-933	37.4694	80.2946 STC-2	0.9 +	3.4 ++	5.3	3.65	0.64 ++	5.66 -	1675.	47.	7.
548	0000	-933	37.4694	80.2952 STC-2	1.0 +	3.1 ++	5.1	3.07	0.60 ++	5.11 -	1695.	46.	6.
549	0000	-935	37.4694	80.2959 STC-2	1.0 +	3.1 ++	5.2	3.01	0.59 ++	5.13 -	1698.	46.	7.
550	0000	-934	37.4694	80.2964 STC-2	1.0 +	2.9 +	5.3	2.81	0.54 ++	5.20 -	1683.	47.	6.
551	0000	-933	37.4695	80.2970 STC-2	1.0 +	2.7 +	4.9	2.73	0.54 ++	5.06 -	1632.	46.	7.
552	0000	-932	37.4695	80.2976 STC-2	0.9 +	2.4 +	5.2	2.62	0.47 +	5.57 -	1542.	45.	6.
553	0000	-932	37.4695	80.2982 STC-2	0.8	2.3 +	4.9	2.76	0.46 +	5.96 -	1425.	47.	6.
554	0000	-931	37.4695	80.2988 STC-2	0.7	2.1 +	4.7	3.19	0.46 +	6.97 -	1290.	48.	6.
555	0000	-931	37.4695	80.2993 STC-2	0.5	2.1 +	4.6	3.97	0.46 +	8.67	1176.	51.	7.
556	0000	-931	37.4695	80.2999 DLMU-1	0.5	1.8	4.4	3.65	0.40	9.17	1083.	52.	7.
557	0000	-931	37.4695	80.3005 DLMU-1	0.4	1.8	3.7	4.07	0.48	8.40	1006.	52.	7.
558	0000	-930	37.4695	80.3011 DLMU-1	0.4	2.0	3.5	5.43	0.57 +	9.59	948.	51.	7.
559	0000	-931	37.4695	80.3017 DLMU-1	0.4	1.9	2.9	5.17	0.65 +	8.00	915.	52.	9.
560	0000	-930	37.4695	80.3023 DLMU-1	0.3	2.0 +	2.5 -	6.18	0.81 ++	7.63	894.	51.	9.
561	0000	-930	37.4695	80.3029 DLMU-1	0.3	2.0 +	2.7	6.31	0.76 ++	8.30	899.	48.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-930	37.4695	80.3034 DLMU-1	0.3	2.1 +	2.5 -	6.28	0.84 ++	7.50	902.	46.	9.
563	0000	-930	37.4695	80.3040 DLMU-1	0.3	2.1 +	2.5 -	7.32 +	0.84 ++	8.69	901.	47.	10.
564	0000	-930	37.4695	80.3046 DLMU-1	0.3	2.1 +	2.4 -	8.55 +	0.88 ++	9.76	893.	50.	11.
565	0000	-930	37.4695	80:3052 DLMU-1	0.3	1.9	2.5 -	7.23 +	0.78 ++	9.31	898.	49.	11.
566	0000	-929	37.4695	80.3058 DLMU-1	0.2	2.0 +	3.0	8.81 +	0.67 +	13.12	911.	49.	10.
567	0000	-929	37.4695	80.3063 DLMU-1	0.3	2.0 +	3.5	7.48 +	0.58 +	12.98	940.	47.	9.
568	0000	-928	37.4694	80.3068 DLMU-1	0.3	2.1 +	3.4	7.08 +	0.62 +	11.43	966.	47.	9.
569	0000	-928	37.4693	80.3073 DLMU-1	0.3	2.1 +	3.5	7.43 +	0.62 +	12.04	967.	47.	7.
570	0000	-929	37.4692	80.3078 DLMU-1	0.3	2.4 +	3.4	8.21 +	0.70 +	11.71	976.	45.	6.
571	0000	-928	37.4691	80.3083 DLMU-1	0.3	2.3 +	3.8	7.78 +	0.63 +	12.44	976.	41.	4.
572	0000	-927	37.4690	80.3088 DLMU-1	0.3	2.4 +	3.7	8.45 +	0.66 +	12.81	959.	42.	5.
573	0000	-928	37.4689	80.3093 DLMU-1	0.2	2.7 +	3.4	11.43 +	0.81 ++	14.15	931.	42.	4.
574	0000	-927	37.4688	80.3098 DLMU-1	0.2	2.3 +	3.1	11.39 +	0.75 +	15.20	879.	45.	5.
575	0000	-926	37.4687	80.3103 DLMU-1	0.2 -	2.4 +	2.9	14.47 ++	0.80 ++	17.98 +	827.	47.	5.
576	0000	-927	37.4687	80.3108 DLMU-1	0.2 -	2.1 +	2.7	13.31 ++	0.78 ++	17.05 +	796.	50.	7.
577	0000	-926	37.4686	80.3113 DLMU-1	0.1 -	1.8	2.7	13.01 ++	0.67 +	19.53 +	759.	53.	8.
578	0000	-925	37.4684	80.3118 DLMU-1	0.1 -	1.6	2.6 -	12.79 ++	0.61 +	21.08 ++	739.	54.	9.
579	0000	-925	37.4684	80.3123 DLMU-1	0.1 -	1.5	2.8	14.33 ++	0.53 +	26.82 +++	723.	53.	10.
580	0000	-926	37.4683	80.3128 DLMU-1	0.2 -	0.9	2.8	5.52	0.34	16.04 +	709.	53.	11.
581	0000	-925	37.4682	80.3133 DLMU-1	0.2 -	1.1	2.9	6.36	0.38	16.59 +	711.	52.	11.
582	0000	-925	37.4681	80.3139 DLMU-1	0.2 -	0.9 -	2.8	4.95	0.32	15.50	697.	51.	12.
583	0000	-926	37.4680	80.3142 DLMU-1	0.2 -	1.1	2.9	6.73 +	0.37	18.10 +	703.	47.	11.
584	0000	-926	37.4679	80.3148 DLMU-1	0.2 -	1.0	2.9	6.24	0.35	17.74 +	698.	46.	11.
585	0000	-925	37.4678	80.3153 DLMU-1	0.2 -	1.1	2.8	6.26	0.39	16.05 +	691.	47.	10.
586	0000	-925	37.4677	80.3158 DLMU-1	0.2 -	1.1	2.6 -	6.38	0.42	15.05	684.	49.	9.
587	0000	-924	37.4676	80.3163 DLMU-1	0.1 -	1.2	2.6 -	8.82 +	0.44	19.89 +	661.	48.	9.
588	0000	-924	37.4675	80.3168 DLMU-1	0.1 -	1.1	2.3 -	8.38 +	0.47 •	17.95 +	637.	48.	10.
589	0000	-924	37.4674	80.3173 DLMU-1	0.1 -	1.0	2.3 -	8.66 +	0.45	19.15 +	618.	50.	9.
590	0000	-924	37.4673	80.3178 DLMU-1	0.1 -	0.9 -	2.2 -	7.23 +	0.40	18.25 +	593.	50.	10.
591	0000	-923	37.4673	80.3183 DLMU-1	0.1 -	1.0	2.3 -	7.30 +	0.42	17.37 +	583.	50.	9.
592	0000	-923	37.4672	80.3188 DLMU-1	0.1 -	1.0	2.2 -	7.49 +	0.44	16.93 +	580.	49.	9.
593	0000	-924	37.4670	80.3193 DLMU-1	0.2 -	0.8 -	2.2 -	4.84	0.37	13.01	583.	49.	9.
594	0000	-924	37.4670	80.3198 DLMU-1	0.2	0.8 -	2.0 -	3.69	0.38	9.83	594.	51.	9.
595	0000	-923	37.4669	80.3203 DLMU-1	0.2	0.6 --	2.4 -	2.75	0.25	10.98	604.	52.	9.
596	0000	-923	37.4668	80.3208 DLMU-1	0.2	0.5 --	2.6 -	1.97	0.19 -	10.37	630.	50.	10.
597	0000	-924	37.4667	80.3214 DLMU-1	0.3	0.4 --	2.7	1.65 -	0.16 --	10.17	644.	51.	10.
598	0010	-923	37.4666	80.3219 DB-1	0.3	0.3 N.A.	2.5	1.13 N.A.	0.12 N.A.	9.23	645.	52.	12.
599	0010	-923	37.4665	80.3223 DB-1	0.3	0.2 N.A.	2.6	0.59 N.A.	0.06 N.A.	9.34	646.	53.	12.
600	0010	-924	37.4664	80.3228 DB-1	0.2	0.2 N.A.	2.2	0.75 N.A.	0.08 N.A.	9.37	629.	53.	13.
601	0010	-923	37.4663	80.3233 DB-1	0.2	0.3 N.A.	2.3	1.31 N.A.	0.14 N.A.	9.50	635.	52.	14.
602	0000	-923	37.4662	80.3238 DB-1	0.2	0.6 -	1.8	2.50	0.32	7.73	633.	52.	14.
603	0000	-923	37.4662	80.3243 DB-1	0.2	0.7	1.4 -	2.97	0.50	5.97 -	628.	53.	14.
604	0000	-923	37.4660	80.3248 DB-1	0.2	0.6 -	1.6 -	2.51	0.37	6.73 -	635.	53.	13.
605	0000	-923	37.4659	80.3253 DB-1	0.2	0.8	1.9	3.18	0.42	7.61	644.	52.	12.
606	0000	-924	37.4659	80.3258 DB-1	0.2	0.8	1.9	3.36	0.44	7.69	632.	53.	12.
607	0000	-924	37.4658	80.3263 DB-1	0.3	0.9	2.1	3.60	0.44	8.11	637.	53.	10.
608	0000	-924	37.4657	80.3268 DB-1	0.2	1.0	2.2	4.29	0.45	9.49	627.	52.	8.
609	0000	-923	37.4656	80.3273 DB-1	0.2	0.9	2.4	3.99	0.39	10.32	618.	51.	6.
610	0000	-922	37.4655	80.3279 DB-1	0.2	0.9	2.7	4.40	0.35	12.72 +	614.	53.	5.
611	0000	-923	37.4654	80.3284 DB-1	0.2	1.1	2.3	5.94 +	0.47	12.65 +	597.	52.	4.
612	0000	-923	37.4653	80.3288 DB-1	0.2	1.1	2.0	6.33 +	0.56	11.32	589.	53.	3.

CP 9 IP 12

* TAGS *					VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-923	37.4652	80.3294	DB-1	0.2	1.1	1.8	6.31 +	0.63 +	10.01	594.	51.	3.
614	0000	-923	37.4651	80.3299	DB-1	0.2	1.0	2.1	5.54	0.46	11.95	593.	51.	2.
615	0000	-922	37.4650	80.3304	DB-1	0.2	0.9	2.1	5.31	0.41	12.83 +	581.	53.	3.
616	0000	-922	37.4649	80.3308	DB-1	0.1	1.0	2.0	6.76 +	0.49	13.73 +	576.	54.	3.
617	0000	-922	37.4648	80.3313	DB-1	0.1 -	0.8	2.0	6.96 +	0.43	16.27 +	558.	53.	4.
618	0000	-921	37.4648	80.3318	DB-1	0.1 -	0.8	1.9	6.37 +	0.40	15.85 +	546.	53.	5.
619	0000	-920	37.4647	80.3323	DB-1	0.1 -	0.6 -	1.8	5.55	0.33	16.94 ++	530.	52.	6.
620	0000	-920	37.4646	80.3328	DB-1	0.1 -	0.5 -	1.7	5.33	0.32	16.89 ++	515.	54.	7.
621	0000	-921	37.4645	80.3333	DB-1	0.1 -	0.6	1.5 -	6.45 +	0.43	15.16 +	502.	55.	8.
622	0000	-921	37.4644	80.3338	DB-1	0.1 -	0.6 -	1.6 -	4.38	0.36	12.08	501.	54.	8.
623	0010	-920	37.4643	80.3344	DB-1	0.2 -	0.3 N.A.	1.7 -	1.98 N.A.	0.18 N.A.	10.81	498.	53.	8.
624	0000	-920	37.4642	80.3349	DB-1	0.2	0.4 -	1.9	2.58	0.24 -	10.74	503.	51.	7.
625	0000	-920	37.4641	80.3353	DB-1	0.2	0.6 -	1.7	3.74	0.36	10.25	506.	53.	6.
626	0000	-920	37.4640	80.3358	DB-1	0.2	0.6 -	1.7 -	3.50	0.36	9.67	491.	56.	5.
627	0000	-920	37.4639	80.3364	DB-1	0.2	0.7	1.9	3.95	0.40	9.84	488.	54.	3.
628	0000	-921	37.4638	80.3369	DB-1	0.2	0.7	1.6 -	4.21	0.45	9.35	476.	54.	2.
629	0000	-921	37.4637	80.3374	DB-1	0.2 -	0.8	1.6 -	5.79 +	0.56	10.27	459.	54.	1.
630	0000	-921	37.4637	80.3379	DB-1	0.2 -	1.0	1.5 -	6.45 +	0.63 +	10.18	453.	56.	0.
631	0000	-921	37.4635	80.3384	DB-1	0.1 -	0.9	1.4 -	6.56 +	0.67 +	9.71	426.	60.	0.
632	0000	-919	37.4634	80.3388	DB-1	0.1 -	0.8	1.5 -	6.58 +	0.55	11.93	413.	60.	1.
633	0000	-918	37.4634	80.3393	DLMU-1	0.1 -	0.9 -	1.7 -	8.26 +	0.55 +	14.96	421.	58.	1.
634	0000	-919	37.4633	80.3398	DLMU-1	0.1 --	0.9 -	1.6 -	9.84 +	0.54 +	18.36 +	416.	56.	1.
635	0000	-920	37.4631	80.3403	DLMU-1	0.1 --	1.0	1.8 -	11.33 +	0.58 +	19.54 +	423.	55.	0.
636	0000	-919	37.4631	80.3409	DLMU-1	0.1 --	1.0	1.5 -	10.69 +	0.63 +	16.92 +	416.	55.	1.
637	0000	-919	37.4630	80.3414	DLMU-1	0.1 --	0.9	1.5 -	11.91 +	0.60 +	19.81 +	410.	54.	2.
638	0000	-920	37.4629	80.3418	DLMU-1	0.1 --	0.9	1.2 --	11.58 +	0.75 ++	15.35	413.	53.	2.
639	0000	-920	37.4628	80.3423	DLMU-1	0.1 -	0.9 -	1.4 -	8.24	0.61 +	13.44	411.	50.	2.
640	0000	-919	37.4627	80.3429	DLMU-1	0.1 -	0.9 -	1.5 -	7.12 +	0.57 +	12.45	416.	49.	2.
641	0000	-920	37.4626	80.3434	DLMU-1	0.1 -	1.0	1.5 -	8.25 +	0.64 +	12.89	425.	50.	2.
642	0000	-921	37.4625	80.3439	DLMU-1	0.1 --	1.0	1.6 -	11.64 +	0.66 +	13.66 +	425.	52.	2.
643	0000	-921	37.4624	80.3444	DLMU-1	0.1 -	1.1	1.9 -	9.99 +	0.57 +	17.51 +	438.	51.	2.
644	0000	-920	37.4623	80.3449	DLMU-1	0.1 -	1.1	2.1 -	10.31 +	0.55 +	18.90 +	442.	53.	1.
645	0000	-920	37.4623	80.3454	DLMU-1	0.1 -	1.3	2.2 -	12.12 ++	0.59 +	20.45 +	450.	55.	1.
646	0000	-920	37.4622	80.3459	DLMU-1	0.1 -	1.4	2.2 -	11.51 +	0.62 +	18.61 +	452.	56.	0.
647	0000	-919	37.4621	80.3464	DLMU-1	0.1 -	1.3	2.0 -	9.91 +	0.65 +	15.29	453.	56.	1.
648	0000	-920	37.4620	80.3469	DLMU-1	0.2 -	1.3	2.0 -	8.19 +	0.65 +	12.69	455.	58.	1.
649	0000	-920	37.4619	80.3474	DLMU-1	0.2 -	1.2	2.2 -	6.59 +	0.54 +	12.10	479.	55.	1.
650	0000	-919	37.4617	80.3479	DLMU-1	0.2 -	1.1	2.0 -	6.38	0.54 +	11.78	484.	56.	1.
651	0000	-919	37.4617	80.3484	DLMU-1	0.2 -	1.1	1.6 -	6.87 +	0.67 +	10.26	491.	53.	2.
652	0000	-919	37.4616	80.3488	DLMU-1	0.2	1.0	1.8 -	5.28	0.55 +	9.59	507.	50.	2.
653	0000	-919	37.4615	80.3494	DLMU-1	0.2	1.1	1.7 -	5.29	0.64 +	8.30	530.	50.	3.
654	0000	-919	37.4614	80.3499	DLMU-1	0.2 -	1.1	1.8 -	6.30	0.62 +	10.15	539.	49.	3.
655	0000	-918	37.4613	80.3504	DLMU-1	0.2 -	1.1	1.8 -	5.66	0.60 +	9.50	542.	49.	4.
656	0000	-917	37.4612	80.3509	DLMU-1	0.2	1.1	1.6 -	4.99	0.64 +	7.79	537.	50.	5.
657	0000	-917	37.4611	80.3514	DLMU-1	0.2	1.1	1.8 -	4.72	0.60 +	7.82	555.	50.	4.
658	0000	-916	37.4610	80.3519	DLMU-1	0.3	1.1	2.1 -	4.21	0.51	8.31	576.	52.	4.
659	0000	-916	37.4609	80.3524	DLMU-1	0.3	0.9 -	2.1 -	3.55	0.42	8.39	591.	52.	5.
660	0000	-917	37.4609	80.3529	DLMU-1	0.3	0.9 -	2.1 -	3.56	0.43	8.23	588.	54.	4.
661	0000	-918	37.4608	80.3534	DLMU-1	0.3	0.8 -	2.2 -	2.84	0.36	7.86	600.	54.	4.
662	0000	-917	37.4606	80.3539	DLMU-1	0.3	0.9 -	2.5 -	3.09	0.34	9.16	624.	55.	4.
663	0000	-916	37.4606	80.3544	DLMU-1	0.3	0.9 -	2.5 -	3.53	0.36	9.85	639.	57.	3.

CP 9 LP 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-916	37.4605	80.3549 DLMU-1	0.2	0.9 -	2.6 -	3.53	0.34	10.26	661.	56.	5.
665	0000	-917	37.4604	80.3553 DLMU-1	0.3	1.1	2.4 -	4.46	0.47	9.49	681.	56.	5.
666	0000	-916	37.4603	80.3558 DLMU-1	0.3	1.0	2.7	3.98	0.37	10.70	711.	57.	6.
667	0000	-914	37.4602	80.3564 DLMU-1	0.3	1.0	3.1	3.78	0.34	11.20	776.	56.	7.
668	0000	-914	37.4601	80.3569 DLMU-1	0.3	1.0	3.0	3.70	0.35	10.67	833.	55.	10.
669	0000	-914	37.4600	80.3574 DLMU-1	0.3	1.1	3.2	3.58	0.34	10.57	878.	51.	11.
670	0000	-913	37.4599	80.3578 DLMU-1	0.4	1.0	3.6	2.75	0.28	9.67	949.	48.	13.
671	0000	-913	37.4598	80.3584 DLMU-1	0.4	1.2	3.8	2.84	0.31	9.02	1011.	47.	13.
672	0000	-914	37.4598	80.3589 DLMU-1	0.5	1.0	4.1	2.15	0.24 -	8.95	1071.	45.	14.
673	0000	-913	37.4597	80.3594 DLMU-1	0.5	1.3	4.1	2.37	0.30	7.84	1132.	46.	14.
674	0000	-911	37.4595	80.3599 DLMU-1	0.6	1.2	4.6	2.01	0.25	7.95	1168.	46.	14.
675	0000	-911	37.4595	80.3604 DLMU-1	0.6	1.4	4.8	2.19	0.29	7.60	1221.	48.	13.
676	0000	-912	37.4594	80.3609 DLMU-1	0.7	1.8 -	5.2	2.41	0.34	7.03	1306.	50.	11.
677	0000	-910	37.4592	80.3614 DLMU-1	0.8 +	1.8	5.5 +	2.11	0.32	6.58	1375.	54.	9.
678	0000	-910	37.4592	80.3619 SCY	0.9 +	2.1 +	6.0 +	2.27 -	0.36	6.37 -	1467.	56.	7.
679	0000	-911	37.4591	80.3624 SCY	1.1 +	2.2 +	6.5 +	2.01 -	0.34	5.93 -	1557.	55.	6.
680	0000	-910	37.4590	80.3629 SCY	1.1 +	2.4 +	6.5 +	2.15 -	0.37	5.75 -	1596.	54.	4.
681	0000	-909	37.4589	80.3634 SCY	1.1 +	2.6 +	6.4 +	2.29 -	0.41	5.60 -	1606.	54.	2.
682	0000	-909	37.4589	80.3639 SCY	1.2 +	2.6 +	6.3 +	2.13 -	0.40	5.27 -	1599.	53.	2.
683	0000	-908	37.4589	80.3645 SCY	1.2 +	2.4 +	6.3 +	2.04 -	0.38	5.41 -	1566.	52.	1.
684	0000	-908	37.4589	80.3651 SCY	1.1 +	2.7 ++	5.9 +	2.46	0.47	5.29 -	1542.	51.	1.
685	0000	-908	37.4589	80.3657 SCY	1.1 +	2.5 +	5.8 +	2.26 -	0.43	5.22 -	1531.	50.	1.
686	0000	-907	37.4589	80.3663 SCY	1.1 +	2.5 +	5.9 +	2.29 -	0.43	5.37 -	1523.	52.	1.
687	0000	-907	37.4589	80.3668 SCY	1.1 +	2.5 +	6.3 +	2.20 -	0.40	5.53 -	1571.	52.	2.
688	0000	-907	37.4588	80.3673 SCY	1.2 +	2.5 +	6.8 +	2.08 -	0.37	5.68 -	1655.	51.	2.
689	0000	-907	37.4588	80.3679 STC-2	1.2 +	2.3 +	7.5 +	1.91	0.31	6.08 -	1731.	52.	4.
690	0000	-907	37.4588	80.3684 STC-2	1.3 +	2.1 +	8.0 +	1.65 -	0.27	6.21 -	1810.	52.	5.
691	0000	-907	37.4588	80.3690 STC-2	1.3 +	1.8	8.4 +	1.35 -	0.21 -	6.46 -	1853.	51.	6.
692	0000	-906	37.4588	80.3697 STC-2	1.3 +	1.6	8.6 ++	1.23 -	0.18	6.70 -	1830.	51.	8.
693	0000	-906	37.4588	80.3702 STC-2	1.2 +	1.6	8.5 ++	1.35 -	0.19	7.18 -	1801.	50.	7.
694	0000	-906	37.4588	80.3707 STC-2	1.1 +	1.4	8.5 ++	1.20 -	0.16 -	7.52	1740.	49.	7.
695	0000	-905	37.4588	80.3713 STC-2	1.1 +	1.3	8.2 +	1.28 -	0.16 -	7.80	1643.	50.	7.
696	0000	-905	37.4588	80.3718 STC-2	0.9 +	1.6	7.6 +	1.74	0.21	8.30	1529.	49.	6.
697	0000	-905	37.4588	80.3724 STC-2	0.8	1.7	6.8 +	2.11	0.25	8.52	1397.	46.	5.
698	0000	-904	37.4588	80.3730 STC-2	0.7	1.7	6.4	2.49	0.26	9.49	1267.	48.	5.
699	0000	-903	37.4588	80.3736 STC-2	0.6	1.7	5.8	2.96	0.29	10.33	1172.	48.	5.
700	0000	-904	37.4588	80.3741 STC-2	0.5	1.4	5.3	3.01	0.27	11.11	1068.	49.	7.
701	0000	-904	37.4588	80.3747 STC-2	0.4	1.5	4.9	3.85	0.30	12.87	993.	50.	7.
702	0000	-903	37.4588	80.3752 STC-2	0.4	1.2	4.4 -	3.25	0.28	11.67	969.	50.	9.
703	0000	-902	37.4588	80.3758 STC-2	0.4	1.1	4.3 -	2.78	0.26	10.76	988.	49.	10.
704	0000	-902	37.4588	80.3764 STC-2	0.4	1.2	4.5	2.76	0.26	10.72	1047.	51.	10.
705	0000	-902	37.4588	80.3770 STC-2	0.6	1.3	4.9	2.28	0.26	8.92	1142.	51.	10.
706	0000	-901	37.4588	80.3775 STC-2	0.6	1.5	5.1	2.31	0.29	8.10	1213.	51.	9.
707	0000	-900	37.4588	80.3781 STC-2	0.7	1.7	5.3	2.43	0.33	7.43	1281.	51.	9.
708	0000	-901	37.4588	80.3786 STC-2	0.7	1.8	5.2	2.40	0.34	7.01 -	1308.	51.	8.
709	0000	-901	37.4587	80.3792 STC-2	0.7	2.1 +	5.1	3.12	0.41 +	7.55	1277.	52.	7.
710	0000	-901	37.4587	80.3798 STC-2	0.6	1.9	5.1	3.09	0.38 +	8.09	1224.	53.	8.
711	0000	-900	37.4587	80.3804 STC-2	0.6	1.8	4.9	3.10	0.36 +	8.52	1135.	52.	9.
712	0000	-900	37.4587	80.3809 STC-2	0.5	1.5	4.4	3.20	0.34	9.37	1015.	51.	10.
713	0000	-900	37.4587	80.3815 STC-2	0.4	1.1	4.4	2.97	0.25	11.81	918.	50.	12.
714	0000	-899	37.4587	80.3820 STC-2	0.3 -	0.8 -	4.2 -	3.14	0.20	15.88	834.	50.	13.

CP 9 LP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-899	37.4587	80.3825	STC-2	0.2 -	0.5 --	4.1 -	2.34	0.13 --	18.34 +	780.	52.	14.
716	0010	-898	37.4587	80.3832	STC-2	0.2 -	0.2 N.A.	4.1 -	0.78 N.A.	0.05 N.A.	16.28	761.	51.	15.
717	0010	-897	37.4587	80.3837	STC-1	0.2	0.1 N.A.	3.9 +	0.48 N.A.	0.03 N.A.	15.73	741.	51.	15.
718	0010	-898	37.4587	80.3842	STC-1	0.2	0.2 N.A.	3.6 +	0.64 N.A.	0.04 N.A.	14.87	720.	52.	14.
719	0010	-897	37.4587	80.3849	STC-1	0.2	0.2 N.A.	3.6 +	1.02 N.A.	0.06 N.A.	16.72	712.	52.	13.
720	0000	-896	37.4587	80.3854	STC-1	0.2	0.4 --	3.4	1.94 -	0.13 --	14.79	710.	54.	11.
721	0000	-896	37.4587	80.3860	STC-1	0.2	0.6 -	3.1	2.73 -	0.21 -	13.08	693.	53.	9.
722	0000	-895	37.4586	80.3866	STC-1	0.3	1.0	2.8	3.67	0.34	10.82	693.	51.	7.
723	0000	-894	37.4587	80.3871	STC-1	0.2	1.2	2.9	5.46	0.44	12.53	677.	51.	5.
724	0000	-895	37.4587	80.3877	STC-1	0.2	1.5 +	3.0	7.39 +	0.50 +	14.77	670.	51.	4.
725	0000	-895	37.4587	80.3882	STC-1	0.2	1.5 +	2.8	6.94	0.52 +	13.30	653.	51.	3.
726	0000	-895	37.4587	80.3888	STC-1	0.2	1.5 +	2.7	6.26	0.55 +	11.46	644.	51.	2.
727	0000	-895	37.4587	80.3894	STC-1	0.2	1.5 +	2.6	7.64 +	0.59 +	13.05	621.	52.	2.
728	0000	-895	37.4587	80.3900	STC-1	0.2	1.5 +	2.4 -	7.82 +	0.65 +	11.94	625.	53.	2.
729	0000	-894	37.4586	80.3905	STC-1	0.2	1.5 +	2.6	8.72 +	0.58 +	14.96	627.	55.	3.
730	0000	-893	37.4586	80.3911	STC-1	0.2	1.4	2.6	6.51	0.52 +	12.41	634.	53.	3.
731	0000	-893	37.4586	80.3916	STC-1	0.2	1.3	2.4 -	6.08	0.54 +	11.30	627.	53.	3.
732	0000	-893	37.4586	80.3922	STC-1	0.2	1.2	2.6	6.76	0.47	14.50	641.	54.	3.
733	0000	-893	37.4586	80.3928	STC-1	0.2 -	1.4 +	2.5	9.45 +	0.58 +	16.28	646.	54.	3.
734	0000	-893	37.4586	80.3934	STC-1	0.2	1.4	2.7	7.93 +	0.53 +	14.91	665.	52.	3.
735	0000	-893	37.4586	80.3939	STC-1	0.1 -	1.5 +	3.0	10.72 +	0.50 +	21.28 +	681.	50.	2.
736	0000	-892	37.4586	80.3945	STC-1	0.1 -	1.6 +	3.1	12.67 ++	0.54 +	23.55 ++	682.	49.	1.
737	0000	-891	37.4586	80.3950	STC-1	0.1 -	1.6 +	3.2	11.12 +	0.50	22.35 ++	683.	51.	1.
738	0000	-892	37.4586	80.3956	SCT	0.2 -	1.6	3.2	9.97 ++	0.51	19.48 +	699.	52.	1.
739	0000	-892	37.4586	80.3962	SCT	0.2 -	1.8 +	3.0	9.63 +	0.59 +	16.38	705.	51.	2.
740	0000	-891	37.4586	80.3967	SCT	0.2	1.7	3.1	7.81 +	0.54 +	14.38	719.	52.	3.
741	0000	-891	37.4586	80.3973	SCT	0.2	1.7	2.8 -	7.98 +	0.60 +	13.35	726.	52.	4.
742	0000	-891	37.4586	80.3979	SCT	0.3	1.4	2.9 -	5.50	0.48	11.41	726.	53.	5.
743	0000	-891	37.4585	80.3984	SCT	0.2	1.3	2.9 -	5.12	0.44	11.60	723.	53.	7.
744	0000	-891	37.4585	80.3989	SCT	0.2	1.3	2.8 -	5.50	0.46	12.03	729.	53.	7.
745	0000	-890	37.4585	80.3996	SCT	0.2	1.3	3.2	5.29	0.40	13.12	737.	51.	7.
746	0000	-889	37.4585	80.4001	SCT	0.2	1.1 -	3.2	4.56	0.36	12.64	739.	51.	7.
747	0000	-889	37.4585	80.4007	SCT	0.2	1.1 -	3.2	4.48	0.34	13.10	744.	50.	7.
748	0000	-889	37.4585	80.4013	SCT	0.2	1.1 -	3.4	4.78	0.32 -	14.96	741.	51.	6.
749	0000	-888	37.4585	80.4018	SCT	0.3	1.1 -	3.4	4.19	0.31 -	13.31	736.	52.	5.
750	0000	-887	37.4585	80.4023	SCT	0.3	1.0 -	3.5	3.34 -	0.29 -	11.55	745.	51.	4.
751	0000	-886	37.4585	80.4029	SCT	0.3	1.2 -	3.7	4.12	0.32 -	13.07	760.	50.	3.
752	0000	-886	37.4585	80.4035	SCT	0.3	1.3	3.7	4.92	0.34	14.53	765.	52.	2.
753	0000	-886	37.4585	80.4041	SCT	0.2	1.3	4.1	5.33	0.32 -	16.71	774.	52.	2.
754	0000	-886	37.4585	80.4047	SCT	0.2	1.5	4.3 +	6.54	0.35	18.93	803.	53.	1.
755	0000	-885	37.4585	80.4052	SCT	0.2	1.5	4.3 +	6.15	0.36	17.28	824.	52.	2.
756	0000	-883	37.4585	80.4057	SCT	0.2	1.6	4.5 +	7.40	0.37	20.16 +	839.	54.	2.
757	0000	-880	37.4585	80.4063	SCT	0.2	1.8 +	4.7 +	9.79 ++	0.38	25.50 ++	846.	57.	2.
758	0000	-880	37.4585	80.4069	SCT	0.2	1.7	4.5 +	8.36 +	0.38	21.87 +	859.	60.	2.
759	0000	-883	37.4585	80.4075	SCT	0.2	1.7	4.6 +	7.30	0.36	20.14 +	892.	59.	3.
760	0000	-885	37.4585	80.4081	SCT	0.3	1.7	4.4 +	6.47	0.38	17.04	915.	61.	3.
761	0000	-886	37.4585	80.4086	SCT	0.3	1.6	4.4 +	5.66	0.35	15.98	921.	61.	4.
762	0000	-886	37.4585	80.4091	SCT	0.3	1.7	4.9 ++	6.36	0.35	18.33	942.	62.	4.
763	0000	-886	37.4584	80.4097	DO	0.2	1.7	4.9	7.04 +	0.35	19.92 ++	949.	60.	4.
764	0000	-886	37.4584	80.4103	DO	0.3	1.5	5.0	5.14	0.30	16.96 +	940.	59.	4.
765	0000	-886	37.4584	80.4109	DO	0.3	1.6	5.0	5.73	0.32	18.18 +	915.	61.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-886	37.4584	80.4115	DO	0.2	1.5	4.7	6.29 +	0.33	19.08 +	879.	62.	2.
767	0000	-887	37.4584	80.4120	DO	0.2	1.5	4.6	6.29 +	0.32	19.70 ++	861.	59.	2.
768	0000	-887	37.4584	80.4125	DO	0.3	1.4	4.8	5.43	0.29	18.61 +	841.	60.	2.
769	0000	-887	37.4584	80.4131	DO	0.3	1.2	4.8	3.80	0.24 -	15.84 +	828.	60.	1.
770	0000	-887	37.4584	80.4137	DO	0.3	1.2	4.9	3.55	0.25 -	14.43 +	835.	62.	1.
771	0000	-887	37.4584	80.4142	DO	0.3	1.2	5.1	3.55	0.23 -	15.80 +	860.	61.	2.
772	0000	-886	37.4584	80.4149	DO	0.3	1.3	5.4 +	3.86	0.24 -	16.36 +	897.	58.	2.
773	0000	-887	37.4584	80.4154	DO	0.4	1.2	5.6 +	3.07	0.21 -	14.91 +	930.	56.	3.
774	0000	-887	37.4584	80.4159	DO	0.4	1.3	6.0 +	3.57	0.21 -	16.91 +	959.	58.	3.
775	0000	-886	37.4584	80.4165	DO	0.4	1.3	6.0 +	3.22	0.21 -	15.29 +	992.	56.	3.
776	0000	-885	37.4584	80.4171	DO	0.4	1.5	5.6 +	3.99	0.26	15.40 +	1007.	57.	3.
777	0000	-885	37.4584	80.4176	DM	0.4	1.4	5.5 +	3.69	0.26 -	14.18 +	1013.	57.	3.
778	0000	-885	37.4584	80.4182	DM	0.4	1.5	5.3 +	3.67	0.29 -	12.82	995.	58.	2.
779	0000	-884	37.4584	80.4188	DM	0.4	1.3 -	5.1 +	3.18 -	0.26 -	12.29	972.	58.	2.
780	0000	-884	37.4584	80.4193	DM	0.4	1.5	4.7	3.97	0.32 -	12.30	937.	59.	1.
781	0000	-884	37.4584	80.4199	DM	0.4	1.4	4.3	3.82	0.33	11.44	893.	58.	1.
782	0000	-883	37.4584	80.4205	DM	0.3	1.5	3.9	5.09	0.39	13.09	832.	61.	1.
783	0000	-883	37.4584	80.4210	DM	0.3 -	1.3 -	3.6	4.50	0.35	12.97	778.	60.	1.
784	0000	-883	37.4583	80.4216	DM	0.2 -	1.3 -	3.4	5.88 +	0.38	15.45 +	734.	59.	2.
785	0000	-883	37.4583	80.4222	DM	0.2 -	1.3 -	3.1 -	7.18 +	0.41	17.34 ++	717.	56.	3.
786	0000	-882	37.4583	80.4227	DM	0.2 --	1.4 -	3.0 -	8.45 ++	0.46	18.50 ++	696.	57.	3.
787	0000	-880	37.4583	80.4233	DO	0.2 -	1.3	3.0	7.01 +	0.43	16.45 +	691.	57.	4.
788	0000	-880	37.4583	80.4239	DO	0.2	1.0	3.0	4.38	0.34	12.77	706.	55.	6.
789	0000	-880	37.4583	80.4244	DO	0.3	0.8 -	3.1	2.98	0.26	11.47	723.	54.	8.
790	0000	-879	37.4583	80.4250	DO	0.3	0.8 -	3.5	2.64	0.22 -	11.84	755.	53.	8.
791	0000	-879	37.4583	80.4256	DO	0.3	0.7 -	3.4	1.92 -	0.20 -	9.73	772.	53.	9.
792	0000	-879	37.4583	80.4260	DO	0.4	0.5 --	3.6	1.37 -	0.14 --	9.47	798.	53.	9.
793	0000	-878	37.4583	80.4266	DO	0.4	0.6 -	3.7	1.32 -	0.15 --	8.74	833.	54.	9.
794	0000	-878	37.4583	80.4272	DO	0.4	0.6 -	3.7	1.34 -	0.16 -	8.34	858.	54.	9.
795	0000	-878	37.4583	80.4278	DO	0.4	1.1	3.9	2.47	0.27	9.24	887.	57.	8.
796	0000	-878	37.4583	80.4284	DO	0.4	1.3	4.2	2.94	0.31	9.61	920.	55.	6.
797	0000	-877	37.4582	80.4289	DO	0.5	1.4	3.9	3.01	0.35	8.72	935.	54.	5.
798	0000	-876	37.4582	80.4296	DO	0.4	1.4	4.2	3.13	0.33	9.45	949.	55.	4.
799	0000	-876	37.4582	80.4300	DO	0.4	1.6	4.1	3.72	0.38	9.71	948.	56.	4.
800	0000	-875	37.4582	80.4306	DO	0.4	1.5	4.1	3.58	0.36	9.85	938.	54.	3.
801	0000	-875	37.4582	80.4312	DO	0.4	1.4	4.3	3.78	0.33	11.46	924.	54.	3.
802	0000	-876	37.4582	80.4318	DO	0.3	1.1	3.9	3.34	0.29	11.46	891.	52.	4.
803	0000	-874	37.4582	80.4323	DO	0.3	0.9	3.7	2.88	0.24 -	12.05	853.	52.	5.
804	0000	-873	37.4582	80.4329	DO	0.3	0.8 -	3.8	3.14	0.22 -	14.29 +	811.	53.	7.
805	0000	-874	37.4582	80.4334	DO	0.2	1.0	3.6	4.45	0.26	16.96 +	777.	52.	7.
806	0000	-873	37.4582	80.4340	DO	0.2	0.8 -	3.6	3.74	0.22 -	16.80 +	740.	50.	8.
807	0000	-873	37.4582	80.4346	DO	0.2	0.7 -	3.4	3.55	0.21 -	16.68 +	698.	51.	8.
808	0000	-873	37.4582	80.4352	DO	0.2	0.7 -	3.1	2.82	0.21 -	13.12	670.	50.	8.
809	0000	-873	37.4582	80.4357	DO	0.2	0.5 --	3.1	2.15 -	0.16 -	13.39	634.	51.	9.
810	0000	-873	37.4582	80.4363	DO	0.2	0.5 --	3.1	2.23 -	0.17 -	13.08	604.	51.	8.
811	0000	-873	37.4582	80.4368	DO	0.3	0.4 --	2.7	1.64 -	0.16 --	10.52	576.	52.	8.
812	0000	-872	37.4582	80.4373	DO	0.3	0.4 --	2.4	1.52 -	0.16 -	9.49	547.	54.	7.
813	0000	-872	37.4582	80.4380	DO	0.2	0.6 -	2.1	2.58	0.28	9.36	528.	55.	7.
814	0000	-873	37.4582	80.4386	DO	0.2	0.8 -	2.0 -	3.78	0.37	10.13	518.	56.	6.
815	0000	-873	37.4582	80.4391	DO	0.2 -	0.8 -	2.2	4.65	0.38	12.29	513.	56.	5.
816	0000	-874	37.4582	80.4397	DO	0.2 -	1.1	1.9 -	6.20 +	0.56	11.13	519.	55.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292 PAGE 440

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-874	37.4582	80.4402		DO	0.2 -	1.1	1.8 -	6.23 +	0.61	10.27	532.	57.	3.
818	0000	-874	37.4581	80.4407		DO	0.2 -	1.2	1.9 -	7.29 +	0.67 +	10.87	555.	57.	3.
819	0000	-874	37.4581	80.4413		DO	0.2	1.1	2.0 -	5.50	0.54	10.21	588.	55.	3.
820	0000	-874	37.4581	80.4419		DO	0.2	1.1	2.2	5.27	0.51	10.37	606.	54.	3.
821	0000	-873	37.4581	80.4425		DO	0.2	1.0	2.3	4.38	0.45	9.83	643.	54.	4.
822	0000	-872	37.4581	80.4431		DO	0.2	1.0	2.7	4.22	0.38	11.10	674.	55.	5.
823	0000	-872	37.4581	80.4436		DO	0.3	0.9	2.9	3.12	0.30	10.49	702.	56.	6.
824	0000	-871	37.4581	80.4441		DO	0.3	1.0	2.9	3.37	0.34	9.63	738.	55.	7.
825	0000	-871	37.4581	80.4447		DO	0.3	1.1	3.3	3.52	0.33	10.76	783.	54.	7.
826	0000	-871	37.4581	80.4453		DO	0.3	1.2	3.5	3.54	0.33	10.59	838.	55.	8.
827	0000	-871	37.4581	80.4459		DO	0.4	1.1	3.7	2.81	0.30	9.22	909.	56.	9.
828	0000	-870	37.4581	80.4465		DO	0.4	1.1	4.1	2.59	0.27	9.66	946.	56.	10.
829	0000	-869	37.4581	80.4470		DO	0.4	1.3	4.0	3.32	0.32	9.11	974.	56.	10.
830	0000	-870	37.4581	80.4475		DO	0.4	1.4	4.2	3.30	0.34	9.80	1000.	55.	10.
831	0000	-869	37.4581	80.4481		DO	0.4	1.3	4.5	3.08	0.28	10.83	1005.	54.	10.
832	0000	-868	37.4581	80.4487		DO	0.4	1.4	4.3	3.68	0.33	11.00	994.	55.	9.
833	0000	-868	37.4581	80.4493		DO	0.4	1.6	4.2	4.55	0.38	11.96	962.	57.	7.
834	0000	-868	37.4581	80.4499		DO	0.3	1.7	4.4	5.40	0.38	14.28 +	930.	58.	6.
835	0000	-867	37.4581	80.4504		DO	0.3	1.8	4.0	6.31 +	0.46	13.79 +	916.	56.	4.
836	0000	-867	37.4581	80.4509		DO	0.3	1.7	4.1	5.93	0.42	14.16 +	900.	55.	3.
837	0000	-866	37.4581	80.4515		DO	0.3	1.7	5.0	5.79	0.44	13.16	891.	53.	2.
838	0000	-866	37.4580	80.4521		DO	0.3	1.8	4.0	5.61	0.46	12.24	880.	53.	1.
839	0000	-867	37.4580	80.4527		DO	0.3	1.6	4.2	4.78	0.39	12.33	869.	53.	1.
840	0000	-867	37.4580	80.4532		DO	0.4	1.6	4.1	4.42	0.38	11.51	853.	52.	2.
841	0000	-866	37.4580	80.4538		DO	0.3	1.5	3.7	4.71	0.41	11.50	830.	51.	2.
842	0000	-866	37.4580	80.4543		DM	0.3	1.5	3.5	5.03	0.42	11.86	816.	50.	3.
843	0000	-865	37.4580	80.4549		DM	0.3	1.3 -	3.3 -	4.47	0.41	10.85	804.	49.	4.
844	0000	-866	37.4580	80.4555		DM	0.3	1.4 -	3.4	4.47	0.41	10.85	801.	52.	4.
845	0000	-866	37.4580	80.4561		DM	0.3 -	1.4	3.2 -	5.03	0.43	11.61	810.	52.	5.
846	0000	-865	37.4580	80.4566		DM	0.3	1.6	3.2 -	5.47	0.49	11.25	844.	52.	5.
847	0000	-865	37.4580	80.4572		DM	0.3	1.5	3.5	4.90	0.44	11.13	894.	50.	5.
848	0000	-865	37.4580	80.4577		DM	0.4	1.7	3.7	4.57	0.44	10.29	940.	50.	4.
849	0000	-865	37.4580	80.4583		DM	0.4	1.5	4.1	4.04	0.38	10.70	963.	51.	3.
850	0000	-865	37.4580	80.4589		DM	0.4	1.8	4.1	5.10	0.44	11.58	973.	51.	2.
851	0000	-864	37.4580	80.4594		DM	0.3	1.9	4.2	5.73	0.44	12.96	977.	51.	2.
852	0000	-864	37.4579	80.4600		DM	0.3	2.0	4.3	6.42 +	0.47	13.73 +	973.	52.	1.
853	0000	-864	37.4579	80.4606		DM	0.3	2.0	4.0	5.88 +	0.50	11.86	961.	51.	1.
854	0000	-863	37.4579	80.4611		DM	0.3	2.0	3.9	6.28 +	0.51	12.37	925.	52.	0.
855	0000	-864	37.4579	80.4617		DM	0.3	1.9	3.9	6.67 +	0.49	13.64 +	901.	51.	1.
856	0000	-864	37.4579	80.4623		DM	0.3 -	2.0	3.5	7.36 +	0.57 +	12.98	880.	52.	0.
857	0000	-863	37.4579	80.4628		DM	0.3 -	2.0	3.5	7.60 +	0.57 +	13.25	875.	53.	1.
858	0000	-863	37.4579	80.4634		DM	0.3	2.0	3.2 -	6.89 +	0.61 +	11.30	863.	54.	2.
859	0000	-863	37.4579	80.4640		DM	0.4	1.7	3.1 -	4.61	0.53 +	8.63 -	871.	53.	3.
860	0000	-862	37.4579	80.4645		DM	0.4	1.4	3.4	3.86	0.43	9.05	871.	53.	5.
861	0000	-861	37.4579	80.4651		DM	0.4	1.6	3.3 -	4.38	0.48	9.19	883.	54.	6.
862	0000	-861	37.4579	80.4657		DM	0.4	1.7	3.2 -	4.37	0.53 +	8.25 -	913.	55.	7.
863	0000	-862	37.4579	80.4662		DM	0.4	1.8	3.6	4.21	0.50	8.44 -	962.	54.	8.
864	0000	-862	37.4579	80.4668		DM	0.5	1.8	3.6	3.94	0.51	7.72 -	1016.	55.	8.
865	0000	-862	37.4579	80.4673		DM	0.5	1.8	4.2	4.08	0.44	9.28	1080.	54.	9.
866	0000	-863	37.4579	80.4678		DM	0.4	2.0	4.0	4.92	0.50	9.86	1102.	56.	9.
867	0000	-862	37.4579	80.4685		DM	0.4	2.1	3.9	5.05	0.53 +	9.51	1120.	58.	10.

CP 9 LP 12

CP 9 LP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-860	37.4579	80.4691	DM	0.5	2.0	4.0	4.32	0.50	8.55 -	1132.	59.	10.
869	0000	-859	37.4579	80.4696	DM	0.4	2.0	4.1	4.58	0.50	9.22	1124.	59.	10.
870	0000	-858	37.4579	80.4702	DM	0.5	1.7	3.9	3.68	0.43	8.56 -	1093.	60.	10.
871	0000	-859	37.4579	80.4707	DM	0.5	1.5	3.9	3.12 -	0.38	8.23 -	1053.	59.	9.
872	0000	-860	37.4579	80.4712	DM	0.5	1.6	3.3 -	3.21 -	0.48	6.72 --	1000.	59.	8.
873	0000	-859	37.4579	80.4718	DO	0.5	1.8	3.2	3.79	0.55	6.84	968.	58.	7.
874	0000	-858	37.4579	80.4723	DO	0.4	1.8	3.1	4.12	0.59	7.00	935.	58.	5.
875	0000	-859	37.4579	80.4729	DO	0.5	1.8	3.4	4.00	0.53	7.57	928.	58.	4.
876	0000	-859	37.4579	80.4734	DO	0.5	1.8	3.2	3.77	0.54	7.00	923.	59.	3.
877	0000	-859	37.4579	80.4740	DO	0.4	1.9	3.3	4.62	0.58	8.00	926.	58.	2.
878	0000	-859	37.4579	80.4745	DO	0.4	1.9	3.8	4.79	0.50	9.61	920.	58.	2.
879	0000	-861	37.4579	80.4751	DO	0.4	1.8	3.9	4.55	0.47	9.71	930.	59.	2.
880	0000	-860	37.4579	80.4756	DO	0.4	1.9	4.1	4.89	0.45	10.86	938.	59.	2.
881	0000	-860	37.4580	80.4761	DO	0.4	1.9	4.4	5.25	0.42	12.37	940.	58.	3.
882	0000	-860	37.4580	80.4767	DO	0.3	1.8	4.1	5.58	0.44	12.78	924.	58.	3.
883	0000	-859	37.4580	80.4772	DO	0.3	1.7	4.4	5.67	0.38	14.96 +	899.	58.	4.
884	0000	-858	37.4580	80.4777	DO	0.3	1.6	4.4	5.52	0.35	15.61 +	878.	58.	4.
885	0000	-858	37.4580	80.4783	DO	0.3	1.6	4.3	5.85	0.37	15.90 +	877.	57.	5.
886	0000	-858	37.4581	80.4788	DO	0.2	1.4	4.5	6.32 +	0.32	19.63 +	854.	58.	5.
887	0000	-858	37.4581	80.4794	DO	0.2	1.2	4.5	4.93	0.27	18.38 +	836.	58.	6.
888	0000	-857	37.4581	80.4799	DO	0.3	1.2	4.4	4.56	0.27	16.98 +	827.	56.	5.
889	0000	-857	37.4581	80.4805	SMC	0.2	1.3	4.4	5.51	0.31	17.90	814.	54.	5.
890	0000	-859	37.4581	80.4810	SMC	0.3	1.4	4.3	5.51	0.32	17.16	804.	54.	4.
891	0000	-859	37.4581	80.4816	SMC	0.3	1.5	4.0	5.77	0.38	15.30	796.	53.	4.
892	0000	-858	37.4581	80.4820	SMC	0.3	1.5	4.1	5.64	0.37	15.18	788.	53.	2.
893	0000	-857	37.4581	80.4827	SMC	0.3	1.6	4.1	5.40	0.39	13.82	802.	52.	2.
894	0000	-857	37.4582	80.4832	SMC	0.3	1.7	4.2	5.07	0.39	12.88	821.	52.	1.
895	0000	-858	37.4582	80.4837	SMC	0.3	1.6	4.6	4.74	0.34	13.85	832.	56.	0.
896	0000	-857	37.4582	80.4842	SMC	0.4	1.4	4.8	3.62	0.28	12.90	850.	56.	0.
897	0000	-857	37.4582	80.4848	SMC	0.4	1.3	5.0	3.42	0.27	12.78	868.	55.	1.
898	0000	-858	37.4582	80.4853	SMC	0.4	1.0	5.6	2.47	0.19 -	13.29	878.	58.	1.
899	0000	-858	37.4583	80.4859	SMC	0.4	1.1	5.3	2.75	0.21	13.16	881.	59.	2.
900	0000	-857	37.4583	80.4864	SMC	0.4	1.0	5.3	2.33 -	0.18 -	12.73	875.	59.	3.
901	0000	-857	37.4583	80.4870	SMC	0.4	0.9 -	5.4	2.20 -	0.17 -	13.24	873.	58.	4.
902	0000	-856	37.4583	80.4875	SMC	0.4	0.9 -	5.4	2.20 -	0.16 -	13.76	870.	57.	5.
903	0000	-857	37.4583	80.4881	SMC	0.3	0.9 -	5.4	2.73	0.17 -	16.33	861.	59.	5.
904	0000	-858	37.4583	80.4885	SMC	0.3	0.8 -	5.5	2.43	0.15 -	15.91	875.	60.	6.
905	0000	-859	37.4584	80.4891	SMC	0.3	1.0	5.4	3.07	0.19 -	15.99	900.	56.	5.
906	0000	-858	37.4584	80.4897	SMC	0.4	1.2	5.8	3.26	0.21	15.55	941.	57.	4.
907	0000	-858	37.4584	80.4902	SMC	0.4	1.3	6.4 +	3.43	0.20 -	17.16	985.	58.	3.
908	0000	-858	37.4584	80.4907	SMC	0.4	1.4	6.5 +	3.42	0.21	16.36	1029.	62.	3.
909	0000	-858	37.4584	80.4913	SMC	0.4	1.5	6.4 +	3.58	0.24	15.19	1079.	61.	2.
910	0000	-858	37.4584	80.4918	SMC	0.5	1.6	6.5 +	3.58	0.25	14.32	1123.	62.	2.
911	0000	-858	37.4584	80.4924	SMC	0.4	1.8 +	6.5 +	4.17	0.28	15.07	1129.	65.	1.
912	0000	-858	37.4585	80.4929	SMC	0.4	1.8 +	6.5 +	4.47	0.28	15.88	1135.	68.	1.
913	0000	-858	37.4585	80.4935	SMC	0.4	1.6	6.7 +	3.55	0.23	15.26	1142.	67.	1.
914	0000	-858	37.4585	80.4940	SMC	0.4	1.7	6.5 +	3.83	0.26	14.95	1141.	65.	1.
915	0000	-859	37.4585	80.4945	SMC	0.4	1.5	6.9 +	3.50	0.22	15.82	1126.	64.	1.
916	0000	-860	37.4585	80.4950	SMC	0.4	1.5	7.1 +	3.76	0.21	17.63	1111.	62.	2.
917	0000	-859	37.4585	80.4955	SMC	0.4	1.4	7.1 +	3.34	0.19 -	17.55	1106.	61.	2.
918	0000	-858	37.4585	80.4961	SMC	0.4	1.2	7.4 +	2.99	0.15 -	16.48	1112.	61.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-859	37.4585	80.4966	SMC	0.4	1.2	7.3 +	2.66	0.16 -	18.51	1118.	60.	3.
920	0000	-858	37.4586	80.4972	SMC	0.4	1.2	7.2 +	3.07	0.17 -	18.06 +	1105.	61.	3.
921	0000	-859	37.4586	80.4977	SMC	0.4	1.0	7.2 +	2.43	0.14 -	16.88	1091.	63.	4.
922	0000	-859	37.4586	80.4983	SMC	0.4	1.2	6.9 +	3.04	0.18 -	17.00	1079.	61.	4.
923	0000	-859	37.4586	80.4988	SMC	0.4	1.2	6.7 +	2.77	0.18 -	15.08	1069.	62.	3.
924	0000	-859	37.4586	80.4994	SMC	0.4	1.3	6.4 +	2.91	0.20 -	14.43	1057.	63.	3.
925	0000	-859	37.4587	80.4999	SMC	0.4	1.3	6.3 +	3.17	0.21	15.12	1042.	63.	3.
926	0000	-858	37.4587	80.5005	SMC	0.4	1.3	6.3 +	3.08	0.21	14.80	1025.	63.	2.
927	0000	-858	37.4587	80.5010	SMC	0.4	1.3	6.4 +	3.16	0.21 -	15.32	1006.	64.	2.
928	0000	-859	37.4587	80.5015	SMC	0.4	1.4	6.5 +	3.48	0.22	15.90	1001.	65.	1.
929	0000	-859	37.4587	80.5020	SMC	0.4	1.2	6.4 +	2.97	0.18 -	16.62	983.	68.	1.
930	0000	-859	37.4587	80.5026	SMC	0.3	1.3	6.4 +	3.76	0.20 -	18.53 +	974.	68.	1.
931	0000	-859	37.4587	80.5031	SMC	0.3	1.3	6.4 +	4.21	0.21	20.19 +	945.	67.	0.
932	0000	-859	37.4588	80.5037	SMC	0.3	1.5	6.0	5.76	0.25	22.88 ++	922.	66.	0.
933	0000	-860	37.4588	80.5042	SMC	0.3	1.4	5.9	5.39	0.24	22.90 ++	881.	66.	1.
934	0000	-860	37.4588	80.5048	SMC	0.2	1.4	5.2	5.57	0.27	21.00 +	851.	64.	2.
935	0000	-860	37.4588	80.5053	SMC	0.2	1.4	4.4	6.46	0.32	20.15 +	811.	63.	3.
936	0000	-860	37.4588	80.5058	DLMU-1	0.2	1.5	4.3	6.80 +	0.36	18.98 +	786.	63.	2.
937	0000	-860	37.4588	80.5064	DLMU-1	0.2	1.4	3.9	5.99	0.36	16.68 +	746.	62.	3.
938	0000	-859	37.4589	80.5069	DLMU-1	0.2	1.2	3.5	5.00	0.34	14.61	709.	64.	3.
939	0000	-860	37.4589	80.5074	DLMU-1	0.2	1.1	3.2	4.43	0.35	12.83	671.	66.	3.
940	0000	-859	37.4589	80.5080	DLMU-1	0.3	1.1	3.1	4.23	0.35	12.12	656.	66.	2.
941	0000	-859	37.4589	80.5085	DLMU-1	0.3	1.0	3.1	4.02	0.33	12.22	645.	66.	2.
942	0000	-859	37.4589	80.5091	DLMU-1	0.2	1.0	3.1	4.48	0.31	14.37	614.	70.	1.
943	0000	-859	37.4589	80.5096	DLMU-1	0.2 -	1.1	2.8	6.45 +	0.40	16.24 +	584.	70.	1.
944	0000	-859	37.4590	80.5102	DLMU-1	0.2 -	1.0	2.8	6.13	0.35	17.34 +	553.	71.	1.
945	0000	-859	37.4590	80.5107	DLMU-1	0.1 -	1.1	2.8	9.22 +	0.39	23.36 ++	539.	68.	0.
946	0000	-859	37.4590	80.5112	DLMU-1	0.1 -	1.1	2.7	7.93 +	0.40	20.07 +	525.	69.	0.
947	0000	-859	37.4590	80.5118	DLMU-1	0.1 -	1.2	2.4 -	8.94 +	0.49	18.16 +	514.	69.	1.
948	0000	-859	37.4590	80.5123	DLMU-1	0.1 -	1.0	2.2 -	7.52 +	0.46	16.52 +	491.	72.	1.
949	0000	-859	37.4590	80.5128	DLMU-1	0.1 -	0.9	2.4 -	6.83 +	0.38	17.81 +	494.	69.	1.
950	0000	-858	37.4590	80.5134	DLMU-1	0.2 -	0.8 -	2.6 -	4.87	0.33	14.80	506.	69.	2.
951	0000	-859	37.4591	80.5139	DLMU-1	0.2 -	1.0	2.7	5.35	0.37	14.35	541.	69.	2.
952	0000	-859	37.4591	80.5145	DLMU-1	0.2	1.0	3.0	5.10	0.35	14.51	579.	69.	2.
953	0000	-858	37.4591	80.5150	DLMU-1	0.2	1.1	3.3	5.16	0.34	15.28	630.	69.	2.
954	0000	-857	37.4591	80.5155	DLMU-1	0.2	1.4	3.8	6.75 +	0.36	18.70 +	696.	67.	2.
955	0000	-857	37.4591	80.5161	DLMU-1	0.3	1.4	4.4	5.73	0.33	17.41 +	771.	65.	1.
956	0000	-856	37.4592	80.5166	DLMU-1	0.2	1.7	4.4	6.98 +	0.40	17.50 +	839.	67.	2.
957	0000	-856	37.4592	80.5171	DLMU-1	0.3	1.7	4.7	6.32	0.35	17.84 +	886.	67.	2.
958	0000	-857	37.4592	80.5177	DLMU-1	0.2	1.7	5.1	7.29 +	0.32	22.68 ++	906.	66.	3.
959	0000	-856	37.4592	80.5182	DLMU-1	0.3	1.4	5.1	4.97	0.27	18.45 +	908.	67.	4.
960	0000	-855	37.4592	80.5187	DLMU-1	0.3	1.3	5.2	5.01	0.25	19.88 +	893.	66.	4.
961	0000	-855	37.4592	80.5193	DLMU-1	0.2	1.2	4.8	5.17	0.26	20.05 +	845.	67.	4.
962	0000	-855	37.4592	80.5198	DLMU-1	0.2	1.4	4.3	7.63 +	0.32	23.61 ++	792.	67.	4.
963	0000	-855	37.4592	80.5204	DLMU-1	0.2	1.1	4.3	5.11	0.25	20.10 +	728.	66.	3.
964	0000	-854	37.4593	80.5209	DLMU-1	0.2	1.2	4.0	6.22	0.29	21.29 ++	686.	67.	2.
965	0000	-854	37.4593	80.5215	DLMU-1	0.2	1.2	3.3	5.78	0.36	15.95 +	652.	69.	2.
966	0000	-854	37.4593	80.5220	DLMU-1	0.2 -	1.5	2.9	9.25 +	0.52	17.94 +	645.	69.	1.
967	0000	-854	37.4593	80.5226	DLMU-1	0.2 -	1.6	2.7	10.09 +	0.58 +	17.31 +	636.	68.	0.
968	0000	-853	37.4593	80.5231	DLMU-1	0.2 -	1.4	2.8	8.46 +	0.51	16.52 +	642.	67.	0.
969	0000	-853	37.4594	80.5236	DLMU-1	0.2	1.5	2.8	7.95 +	0.55 +	14.40	653.	67.	0.

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FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-855	37.4594	80.5241	DLMU-1	0.2	1.6	3.0	7.58 +	0.52 +	14.69	677.	67.	0.
971	0000	-855	37.4594	80.5247	DLMU-1	0.2	1.6	2.7 -	8.25 +	0.61 +	13.62	686.	63.	0.
972	0000	-855	37.4594	80.5252	DLMU-1	0.2	1.6	2.9	7.21 +	0.55 +	13.11	707.	60.	0.
973	0000	-855	37.4594	80.5258	DLMU-1	0.3	1.4	3.0	5.67	0.48	11.91	710.	58.	1.
974	0000	-854	37.4594	80.5263	DLMU-1	0.3	1.3	2.9	4.34	0.45	9.69	724.	58.	1.
975	0000	-854	37.4594	80.5269	DLMU-1	0.3	1.2	3.0	4.24	0.42	10.18	719.	59.	3.
976	0000	-855	37.4594	80.5274	DLMU-1	0.3	1.1	3.3	4.35	0.34	12.89	710.	58.	4.
977	0000	-854	37.4594	80.5279	DLMU-1	0.2	1.0	2.6 -	4.50	0.40	11.38	687.	59.	5.
978	0000	-854	37.4595	80.5285	DLMU-1	0.2	0.8 -	2.7	3.67	0.31	12.02	660.	61.	6.
979	0000	-854	37.4595	80.5291	DLMU-1	0.2	0.6 -	2.5 -	2.61	0.25	10.61	634.	64.	8.
980	0000	-854	37.4595	80.5295	DLMU-1	0.2	0.5 --	2.4 -	2.26	0.19 -	12.15	607.	65.	9.
981	0000	-854	37.4595	80.5301	SMC	0.2 -	0.6 --	2.6 -	3.57	0.22	15.88	590.	61.	10.
982	0000	-854	37.4595	80.5306	SMC	0.2 -	0.5 --	2.4 -	2.92	0.22	13.41	588.	60.	10.
983	0000	-853	37.4595	80.5312	SMC	0.2	0.5 --	2.3 -	2.41 -	0.22	10.73	580.	59.	10.
984	0000	-854	37.4596	80.5317	SMC	0.2	0.5 --	2.3 -	2.51	0.23	11.11	575.	58.	10.
985	0000	-854	37.4596	80.5323	SMC	0.2	0.6 -	2.3 -	2.58	0.25	10.12	586.	56.	8.
986	0000	-853	37.4596	80.5328	SMC	0.2	0.7 -	2.7 -	3.60	0.26	13.64	593.	55.	6.
987	0000	-852	37.4596	80.5334	SMC	0.2	0.8 -	2.7 -	3.68	0.30	12.38	608.	55.	5.
988	0000	-853	37.4596	80.5339	SMC	0.2	0.8 -	2.7 -	3.64	0.32	11.41	610.	60.	4.
989	0000	-853	37.4596	80.5344	SMC	0.3	0.9 -	2.8 -	3.60	0.34	10.72	612.	61.	2.
990	0000	-852	37.4596	80.5350	SMC	0.3	0.9 -	2.7 -	3.69	0.34	10.78	618.	61.	2.
991	0000	-852	37.4597	80.5356	SMC	0.3	1.1	2.6 -	4.53	0.44	10.39	634.	60.	2.
992	0000	-853	37.4597	80.5360	SMC	0.2	1.3	2.5 -	6.13	0.54 +	11.41	645.	58.	2.
993	0000	-853	37.4597	80.5367	SMC	0.2	1.4	2.3 -	5.74	0.58 +	9.82	647.	59.	2.
994	0000	-853	37.4597	80.5371	SMC	0.2	1.5	2.3 -	6.50	0.64 +	10.13	656.	57.	3.
995	0000	-853	37.4598	80.5377	SMC	0.2	1.3	2.3 -	5.07	0.55 +	9.22 -	650.	58.	4.
996	0000	-852	37.4598	80.5382	SMC	0.2	1.2	2.1 -	5.43	0.57 +	9.60	642.	57.	5.
997	0000	-851	37.4598	80.5388	SMC	0.2	1.3	2.2 -	6.05	0.60 +	10.09	644.	56.	5.
998	0000	-850	37.4598	80.5392	SMC	0.2	1.3	2.4 -	5.27	0.52 +	10.16	656.	57.	4.
999	0000	-850	37.4598	80.5398	SMC	0.3	1.2	2.7 -	4.60	0.45	10.23	665.	58.	4.
1000	0000	-850	37.4598	80.5404	SMC	0.3	1.3	2.6 -	4.73	0.50 +	9.40 -	671.	56.	4.
1001	0000	-850	37.4598	80.5410	SMC	0.3	1.3	2.8 -	4.48	0.46 +	9.79	664.	60.	3.
1002	0000	-850	37.4598	80.5415	SMC	0.3	1.5	2.9 -	5.71	0.52 +	10.96	682.	57.	2.
1003	0000	-850	37.4598	80.5420	SMC	0.2	1.6	3.0	6.28	0.52 +	11.98	696.	57.	1.
1004	0000	-850	37.4598	80.5426	SMC	0.2	1.7	2.8 -	7.30 +	0.61 +	11.92	698.	58.	1.
1005	0000	-850	37.4597	80.5432	SMC	0.2	1.7	2.7 -	7.82 +	0.65 +	12.12	686.	57.	1.
1006	0000	-850	37.4597	80.5437	SMC	0.2	1.6	2.4 -	7.00 +	0.66 +	10.62	673.	58.	1.
1007	0000	-850	37.4597	80.5442	SMC	0.2	1.5	2.5 -	7.24 +	0.60 +	12.12	661.	60.	1.
1008	0000	-850	37.4597	80.5448	SMC	0.2 -	1.6	2.5 -	8.34 +	0.64 +	13.02	660.	56.	1.
1009	0000	-848	37.4597	80.5453	SMC	0.2 -	1.4	2.3 -	7.56 +	0.62 +	12.18	636.	57.	1.
1010	0000	-848	37.4597	80.5459	SMC	0.2 -	1.3	2.4 -	7.03 +	0.55 +	12.74	611.	57.	2.
1011	0000	-849	37.4597	80.5465	SMC	0.2 -	1.1	2.5 -	5.82	0.44	13.14	603.	57.	3.
1012	0000	-849	37.4597	80.5471	SMC	0.2 -	1.1	2.5 -	6.27	0.43	14.54	598.	58.	4.
1013	0000	-848	37.4597	80.5476	SMC	0.2 -	1.1	2.3 -	7.24 +	0.49 +	14.68	594.	57.	4.
1014	0000	-848	37.4597	80.5482	SMC	0.2 -	1.0	2.3 -	5.39	0.45	12.09	592.	55.	5.
1015	0000	-847	37.4596	80.5487	SMC	0.2	0.9 -	2.2 -	4.36	0.40	11.01	590.	57.	6.
1016	0000	-847	37.4596	80.5492	SMC	0.2 -	0.8 -	2.3 -	4.52	0.37	12.06	591.	57.	7.
1017	0000	-848	37.4596	80.5498	SMC	0.2	0.9 -	2.0 -	4.54	0.47 +	9.64	608.	56.	8.
1018	0000	-848	37.4596	80.5504	SMC	0.2	1.0	2.1 -	5.06	0.47 +	10.87	626.	56.	7.
1019	0000	-847	37.4597	80.5509	SMC	0.2 -	1.1	2.3 -	5.89	0.49 +	12.09	647.	56.	7.
1020	0000	-847	37.4596	80.5514	SMC	0.2 -	1.2	2.6 -	7.05 +	0.47 +	15.04	688.	55.	7.

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TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-847	37.4596	80.5520	SMC	0.2 -	1.4	2.5 -	8.52 +	0.57 +	14.82	734.	56.	7.
1022	0000	-847	37.4596	80.5526	SMC	0.2 -	1.5	2.6 -	9.36 +	0.59 +	15.95	763.	56.	6.
1023	0000	-846	37.4596	80.5531	SMC	0.2 -	1.8 +	2.7 -	10.94 ++	0.67 +	16.32	794.	56.	5.
1024	0000	-845	37.4596	80.5537	SMC	0.2 -	1.7 +	3.0	10.00 +	0.58 +	17.34	815.	57.	4.
1025	0000	-846	37.4595	80.5543	SMC	0.2 -	1.8 +	2.8 -	10.28 +	0.65 +	15.75	810.	55.	4.
1026	0000	-847	37.4595	80.5548	SMC	0.2 -	1.7	2.8 -	10.01 +	0.60 +	16.67	795.	57.	4.
1027	0000	-846	37.4595	80.5553	SMC	0.2 -	1.6	2.8 -	8.54 +	0.57 +	14.99	766.	57.	3.
1028	0000	-845	37.4595	80.5559	SMC	0.2 -	1.5	3.0	9.85 +	0.52 +	19.03 +	741.	58.	3.
1029	0000	-846	37.4595	80.5564	SMC	0.1 -	1.7	3.1	11.80 ++	0.53 +	22.20 ++	732.	55.	2.
1030	0000	-845	37.4595	80.5570	SMC	0.1 -	1.6	3.0	11.45 ++	0.52 +	21.97 +	723.	53.	2.
1031	0000	-844	37.4595	80.5576	SMC	0.1 -	1.6	3.1	13.21 ++	0.53 +	25.00 ++	707.	54.	2.
1032	0000	-845	37.4595	80.5581	SMC	0.2 -	1.4	3.6	9.15 +	0.40	22.96 ++	709.	55.	2.
1033	0000	-845	37.4595	80.5587	SMC	0.2 -	1.4	3.4	7.90 +	0.41	19.41 +	712.	53.	2.
1034	0000	-844	37.4595	80.5593	SMC	0.2 -	1.3	3.5	7.46 +	0.37	20.16 +	710.	55.	2.
1035	0000	-844	37.4595	80.5598	SMC	0.2 -	1.3	3.6	6.70 +	0.35	19.00 +	697.	56.	2.
1036	0000	-844	37.4595	80.5603	SMC	0.2	1.1	3.3	4.98	0.33	15.08	687.	56.	2.
1037	0000	-844	37.4595	80.5609	SMC	0.2	1.0	3.4	4.67	0.29	15.89	669.	60.	2.
1038	0000	-845	37.4595	80.5615	SMC	0.2	1.0 -	3.1	4.46	0.31	14.45	663.	59.	2.
1039	0000	-844	37.4595	80.5620	SMC	0.2	1.1	2.7 -	5.42	0.41	13.27	660.	59.	3.
1040	0000	-843	37.4594	80.5625	SMC	0.2	1.0	2.9	4.66	0.34	13.55	654.	58.	3.
1041	0000	-844	37.4594	80.5631	SMC	0.2	1.0 -	2.9 -	4.37	0.34	13.00	646.	58.	4.
1042	0000	-845	37.4594	80.5636	SMC	0.2	0.9 -	2.9	4.65	0.32	14.62	639.	57.	4.
1043	0000	-844	37.4594	80.5642	SMC	0.2	0.9 -	2.9	4.58	0.32	14.50	633.	59.	4.
1044	0000	-843	37.4594	80.5648	SMC	0.2	0.8 -	3.2	3.69	0.24	15.10	656.	57.	5.
1045	0000	-843	37.4594	80.5653	SMC	0.2	0.8 -	3.7	3.40	0.20 -	16.57	685.	55.	5.
1046	0000	-842	37.4594	80.5659	SMC	0.2	0.7 -	4.1	3.56	0.18 -	19.70 +	714.	54.	5.
1047	0000	-842	37.4594	80.5665	SMC	0.2	0.9 -	4.1	3.88	0.21 -	18.85 +	747.	56.	4.
1048	0000	-842	37.4594	80.5670	SMC	0.2	1.0 -	4.4	4.53	0.22	20.51 +	770.	54.	4.
1049	0000	-841	37.4594	80.5675	SMC	0.2	1.1	4.4	4.83	0.25	19.69 +	791.	55.	4.
1050	0000	-842	37.4593	80.5681	SMC	0.2	1.2	4.6	5.31	0.26	20.49 +	815.	56.	3.
1051	0000	-843	37.4593	80.5687	SMC	0.2	1.5	4.5	6.96 +	0.32	21.55 +	823.	58.	2.
1052	0000	-843	37.4593	80.5692	SMC	0.2 -	1.6	4.4	8.59 +	0.36	23.57 ++	830.	60.	1.
1053	0000	-843	37.4593	80.5698	SMC	0.2	1.5	4.3	6.30	0.35	17.76	829.	63.	1.
1054	0000	-843	37.4593	80.5704	ST	0.2 -	1.6	4.8	6.49 +	0.32	19.98 +	840.	64.	1.
1055	0000	-843	37.4592	80.5708	ST	0.3 -	1.6	5.2	6.56 +	0.32	20.64 +	879.	65.	0.
1056	0000	-844	37.4592	80.5714	ST	0.3 -	1.5	5.7	5.33 +	0.27	19.84 +	922.	63.	0.
1057	0000	-843	37.4592	80.5720	ST	0.3 -	1.6	6.0	5.74 +	0.26	21.99 +	940.	63.	0.
1058	0000	-843	37.4592	80.5726	ST	0.3 -	1.4	6.3	4.53	0.22	20.37 +	955.	60.	0.
1059	0000	-844	37.4593	80.5731	ST	0.3 -	1.4	6.3	4.66	0.23	20.40 +	962.	62.	0.
1060	0000	-844	37.4592	80.5737	ST	0.3	1.6	5.8	4.84 +	0.27	17.63 +	973.	62.	1.
1061	0000	-844	37.4592	80.5742	ST	0.3 -	1.6	5.7	4.91 +	0.27	18.10 +	970.	63.	1.
1062	0000	-844	37.4592	80.5747	ST	0.3	1.5	5.5	4.57	0.28	16.55 +	965.	63.	1.
1063	0000	-843	37.4592	80.5753	OJO	0.3	1.7	5.3	6.16 +	0.32	19.38 +	945.	62.	1.
1064	0000	-843	37.4592	80.5759	OJO	0.3	1.5	5.3	4.94	0.28	17.41	947.	63.	1.
1065	0000	-844	37.4592	80.5764	OJO	0.3	1.5	5.1	4.76	0.29	16.14	949.	66.	2.
1066	0000	-844	37.4592	80.5770	OJO	0.3	1.6	5.0	4.93	0.31	15.79	943.	63.	2.
1067	0000	-844	37.4592	80.5776	OJO	0.3	1.5	5.6	5.25	0.26	20.04 +	932.	61.	2.
1068	0000	-843	37.4592	80.5780	OJO	0.3	1.5	5.5	5.51	0.28	19.72 +	929.	61.	1.
1069	0000	-843	37.4592	80.5787	OJO	0.3	1.5	5.5	5.29	0.27	19.64 +	908.	64.	1.
1070	0000	-844	37.4591	80.5792	OJO	0.3	1.4	5.6	4.48	0.25	17.62	924.	65.	1.
1071	0000	-844	37.4591	80.5798	OJO	0.3	1.5	5.5	4.94	0.28	17.86	913.	64.	1.

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FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-843	37.4591	80.5803	OM	0.3 -	1.5	6.0	4.97 ++	0.25	19.98 +++	915.	63.	1.
1073	0000	-843	37.4591	80.5809	OM	0.3 -	1.5	5.9	4.85 ++	0.25	19.32 +++	923.	67.	1.
1074	0000	-843	37.4591	80.5814	OM	0.3 -	1.4	6.2 +	4.30 +	0.22	19.55 +++	937.	66.	2.
1075	0000	-843	37.4591	80.5819	OM	0.3 -	1.2	6.6 +	3.60 +	0.19 -	18.99 +++	955.	67.	1.
1076	0000	-843	37.4591	80.5826	OM	0.4 -	1.2	6.8 +	3.43	0.18 -	19.06 +++	973.	69.	1.
1077	0000	-844	37.4591	80.5831	OM	0.4	1.1	6.5 +	2.88	0.17 -	16.47 ++	966.	73.	2.
1078	0000	-845	37.4591	80.5836	OM	0.5	1.1 -	6.7 +	2.28	0.16 -	14.52 +	1005.	73.	2.
1079	0000	-845	37.4591	80.5842	OM	0.5	1.2	6.3 +	2.45	0.19 -	12.65	1026.	72.	2.
1080	0000	-846	37.4591	80.5848	OM	0.5	1.2	6.8 +	2.12	0.17 -	12.54	1057.	68.	1.
1081	0000	-846	37.4590	80.5853	OM	0.6	1.3	6.7 +	2.37	0.20 -	11.82	1082.	70.	0.
1082	0000	-845	37.4590	80.5858	OM	0.6	1.4	6.3 +	2.45	0.22	10.97	1077.	70.	0.
1083	0000	-846	37.4590	80.5864	OM	0.6	1.4	6.3 +	2.30	0.22	10.67	1084.	68.	0.
1084	0000	-846	37.4590	80.5870	OM	0.6	1.4	6.6 +	2.27	0.21 -	10.91	1099.	67.	0.
1085	0000	-846	37.4590	80.5875	OM	0.6	1.4	6.6 +	2.36	0.20 -	11.56	1082.	67.	0.
1086	0000	-846	37.4590	80.5880	OTBR	0.6	1.4	6.7	2.37	0.21	11.49	1083.	67.	0.
1087	0000	-846	37.4590	80.5887	OTBR	0.6	1.2	6.7	1.92	0.18	10.73	1083.	67.	0.
1088	0000	-846	37.4590	80.5892	OTBR	0.6	1.1	6.4	1.73	0.17 -	9.95	1082.	66.	1.
1089	0000	-846	37.4590	80.5897	OTBR	0.6	1.1	6.8 +	1.81	0.17 -	10.71	1109.	65.	1.
1090	0000	-845	37.4590	80.5903	OTBR	0.7	1.2	6.4	1.67	0.18	9.26	1118.	64.	2.
1091	0000	-846	37.4589	80.5908	OTBR	0.7	1.2	5.9	1.76	0.20	8.80	1113.	60.	3.
1092	0000	-846	37.4589	80.5914	OTBR	0.6	1.3	5.7	1.97	0.22	8.84	1116.	57.	4.
1093	0000	-845	37.4589	80.5920	OTBR	0.6	0.9 -	5.7	1.43 -	0.16 -	9.01	1098.	58.	6.
1094	0000	-844	37.4589	80.5925	OTBR	0.6	0.9 -	5.4	1.43 -	0.17 -	8.36	1075.	57.	7.
1095	0000	-842	37.4589	80.5930	OTBR	0.6	0.9 -	5.8	1.51 -	0.16 -	9.52	1065.	58.	7.
1096	0000	-843	37.4589	80.5936	OTBR	0.7	0.8 -	5.5	1.16 -	0.14 -	8.32	1040.	59.	8.
1097	0000	-843	37.4589	80.5942	OTBR	0.6	0.8 -	5.2	1.32 -	0.15 -	8.95	1000.	59.	8.
1098	0000	-841	37.4589	80.5947	OTBR	0.6	0.8 -	5.3	1.41 -	0.15 -	9.59	960.	59.	8.
1099	0000	-841	37.4589	80.5953	OTBR	0.5	0.8 -	5.0	1.46 -	0.16 -	9.29	904.	62.	7.
1100	0000	-842	37.4589	80.5959	OTBR	0.5	1.0	4.4	2.07	0.23	9.15	863.	63.	5.
1101	0000	-841	37.4588	80.5964	OTBR	0.4	1.1	4.3	2.79	0.25	11.37	814.	64.	5.
1102	0000	-840	37.4588	80.5970	OTBR	0.4	1.0	3.9 -	2.46	0.25	9.67	776.	63.	3.
1103	0000	-840	37.4588	80.5975	OSP	0.3 -	1.1 -	3.6 --	3.23	[illegible]	10.55	740.	62.	2.
1104	0000	-839	37.4588	80.5980	OSP	0.3 -	1.1	3.7 -	3.51	[illegible]	11.57 +	738.	62.	1.
1105	0000	-838	37.4588	80.5986	OSP	0.3 -	1.1 -	3.9 -	3.31	0.2[illegible]	11.48 +	762.	63.	0.
1106	0000	-838	37.4588	80.5992	OSP	0.4 -	1.1 -	4.0 -	3.13	0.28	11.30 +	793.	63.	0.
1107	0000	-837	37.4588	80.5997	OSP	0.4 -	1.2	4.5	3.12	0.25	12.24 +	829.	60.	0.
1108	0000	-837	37.4588	80.6002	OSP	0.4 -	1.3	4.4 -	3.21	0.29	11.00 +	871.	61.	0.
1109	0000	-837	37.4588	80.6008	OSP	0.4 -	1.4	4.4 -	3.94 +	0.32	12.18 +	889.	59.	0.
1110	0000	-837	37.4588	80.6014	OSP	0.4 -	1.5	4.6	3.84 +	0.32	11.93 +	925.	59.	1.
1111	0000	-837	37.4587	80.6019	OSP	0.4 -	1.6	4.6	4.08 +	0.35	11.63 +	947.	59.	1.
1112	0000	-837	37.4587	80.6025	OSP	0.4 -	1.7	4.4 -	4.12 +	0.39 +	10.47	963.	58.	1.
1113	0000	-837	37.4587	80.6031	OSP	0.4 -	1.6	4.6	3.58 +	0.35	10.28	976.	57.	1.
1114	0000	-838	37.4587	80.6036	OSP	0.5	1.5	4.2 -	2.87	0.36	7.98	986.	57.	1.
1115	0000	-838	37.4587	80.6041	OSP	0.6	1.6	4.4 -	2.57	0.36	7.21	1011.	57.	1.
1116	0000	-839	37.4587	80.6047	OSP	0.7	1.7	4.3 -	2.45	0.39 +	6.26 -	1050.	58.	0.
1117	0000	-839	37.4587	80.6053	OSP	0.7	1.7	4.3 -	2.38	0.40 +	5.90 -	1093.	58.	0.
1118	0000	-838	37.4587	80.6058	OSP	0.8	1.7	4.2 -	2.17	0.40 +	5.44 -	1123.	56.	0.
1119	0000	-836	37.4587	80.6064	OSP	0.8	1.7	4.3 -	2.15	0.41 +	5.26 -	1132.	56.	0.
1120	0000	-837	37.4587	80.6070	OSP	0.8	1.9	4.4 -	2.45	0.44 +	5.53 -	1149.	56.	0.
1121	0000	-836	37.4586	80.6075	OSP	0.7	2.1	4.3 -	3.16	0.48 ++	6.54 -	1139.	55.	0.
1122	0000	-834	37.4586	80.6080	OSP	0.6	2.0	4.5	3.24	0.44 +	7.36	1128.	53.	0.

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FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-835	37.4586	80.6086	OSP	0.6	1.8	4.5	3.05	0.40 +	7.56	1104.	54.	0.
1124	0000	-836	37.4586	80.6092	OB-1	0.5	1.9	4.3	3.57	0.45 +	7.93	1058.	53.	0.
1125	0000	-833	37.4587	80.6097	OB-1	0.5	2.0 +	4.2	3.89 +	0.47 +	8.26	1025.	55.	0.
1126	0000	-833	37.4586	80.6103	OB-1	0.5	1.9	4.3	3.79 +	0.45 +	8.41	1012.	54.	0.
1127	0000	-834	37.4586	80.6108	OB-1	0.6	2.0 +	3.9	3.46	0.50 +	6.90	1000.	54.	1.
1128	0000	-834	37.4586	80.6113	OB-1	0.7	1.8	4.0	2.47	0.45 +	5.49	1022.	55.	1.
1129	0000	-833	37.4586	80.6119	OB-1	0.8	1.8	3.6	2.18	0.50 +	4.36	1032.	54.	1.
1130	0000	-832	37.4586	80.6125	OB-1	0.9	1.7	3.6	1.89	0.47 +	4.05	1031.	53.	1.
1131	0000	-832	37.4585	80.6130	OB-1	1.0	1.5	3.4 -	1.50	0.43	3.51 -	1030.	53.	1.
1132	0000	-833	37.4585	80.6136	OB-1	1.0	1.4	3.1 -	1.42	0.46 +	3.11 -	1028.	52.	2.
1133	0000	-833	37.4585	80.6142	OB-1	1.0	1.2	3.0 -	1.16 -	0.40	2.90 -	1021.	52.	2.
1134	0000	-833	37.4586	80.6147	OB-1	1.0	1.2	2.8 -	1.15 -	0.41	2.77 -	1003.	52.	1.
1135	0000	-832	37.4586	80.6153	OB-1	0.9	1.2	2.7 -	1.27	0.44	2.90 -	985.	52.	0.
1136	0000	-832	37.4585	80.6158	OB-1	0.9	1.1	2.8 -	1.23	0.40	3.10 -	990.	52.	0.
1137	0000	-832	37.4585	80.6163	OB-1	0.9	1.3	3.2 -	1.53	0.40	3.81 -	1027.	52.	0.
1138	0000	-831	37.4585	80.6169	OB-1	0.9	1.5	3.6	1.65	0.41	4.00	1090.	51.	0.
1139	0000	-830	37.4585	80.6175	OB-1	0.9	1.5	4.0	1.60	0.37	4.34	1143.	52.	0.
1140	0000	-829	37.4585	80.6180	OB-1	0.9	1.6	4.3	1.79	0.37	4.79	1205.	51.	0.
1141	0000	-829	37.4585	80.6185	DB-2	1.0	1.7	4.7 --	1.70	0.35 +	4.84 -	1302.	51.	0.
1142	0000	-830	37.4585	80.6192	DB-2	1.0	1.7	5.3 -	1.67	0.32	5.26 -	1391.	52.	1.
1143	0000	-829	37.4585	80.6197	DB-2	1.0	1.8	5.6 -	1.85	0.33	5.67	1420.	53.	1.
1144	0000	-828	37.4585	80.6202	DB-2	1.0	1.8	5.7 -	1.83	0.32	5.78	1434.	53.	1.
1145	0000	-828	37.4585	80.6208	DB-2	0.9	1.7	6.0 -	1.83	0.28	6.51	1423.	55.	1.
1146	0000	-828	37.4584	80.6214	DB-2	0.9	1.5 -	6.4 -	1.56	0.2_	6.76	1443.	56.	1.
1147	0000	-828	37.4584	80.6219	DB-2	1.0	1.6 -	6.4 -	1.63	0.25	6.56	1472.	56.	1.
1148	0000	-828	37.4584	80.6225	DB-2	1.0	1.5 -	7.1	1.55	0.21	7.23	1468.	56.	1.
1149	0000	-827	37.4584	80.6230	DB-2	1.0	1.5 -	7.1	1.58	0.21	7.38	1449.	53.	1.
1150	0000	-828	37.4584	80.6235	DB-2	1.0	1.4 -	7.7	1.36	0.18 -	7.68	1462.	54.	1.
1151	0000	-828	37.4584	80.6241	DB-2	1.0	1.3 -	7.5	1.33	0.17 -	7.63	1473.	54.	2.
1152	0000	-827	37.4584	80.6247	DB-2	1.0	1.3 -	7.6	1.28 -	0.17 -	7.52	1503.	52.	2.
1153	0000	-827	37.4584	80.6253	DB-2	1.0	1.6 -	7.5	1.51	0.21	7.31	1536.	50.	2.
1154	0000	-825	37.4584	80.6258	DB-2	1.0	1.6	7.6	1.64	0.21	7.73	1526.	52.	2.
1155	0000	-826	37.4584	80.6264	DB-2	0.9	1.6 -	7.3	1.67	0.21	7.76	1513.	53.	3.
1156	0000	-827	37.4584	80.6269	DB-2	1.0	1.5 -	7.0	1.57	0.22	7.22	1511.	53.	4.
1157	0000	-826	37.4583	80.6274	DB-2	1.0	1.6 -	6.5 -	1.59	0.24	6.66	1508.	51.	4.
1158	0000	-825	37.4583	80.6280	DB-2	1.0	1.5 -	6.5 -	1.47	0.23	6.38	1506.	52.	5.
1159	0000	-823	37.4583	80.6286	DB-2	1.0	1.7	6.4 -	1.74	0.26	6.59	1500.	52.	5.
1160	0000	-822	37.4583	80.6291	DB-2	0.9	1.6	6.5 -	1.74	0.25	6.92	1479.	53.	5.
1161	0000	-823	37.4583	80.6296	DB-2	1.0	1.4 -	6.7	1.45	0.21	6.96	1484.	49.	4.
1162	0000	-823	37.4583	80.6302	DB-2	1.0	1.6 -	6.7	1.56	0.23	6.67	1532.	50.	3.
1163	0000	-822	37.4583	80.6307	DB-2	1.1	1.5 -	7.5	1.40	0.20	7.01	1572.	54.	3.
1164	0000	-822	37.4583	80.6313	DB-2	1.1	1.5 -	7.7	1.38	0.20	6.83	1616.	55.	3.
1165	0000	-821	37.4583	80.6319	DB-2	1.2	1.8	8.0	1.56	0.23	6.90	1664.	54.	2.
1166	0000	-821	37.4583	80.6325	DB-2	1.2	1.8	8.1	1.50	0.22	6.94	1670.	53.	2.
1167	0000	-822	37.4582	80.6330	DB-2	1.2	1.7	8.1	1.45	0.21	6.84	1655.	53.	3.
1168	0000	-822	37.4582	80.6336	DB-2	1.2	1.8	7.9	1.51	0.23	6.65	1644.	54.	3.
1169	0000	-822	37.4582	80.6341	DCH	1.1	1.8	8.1	1.60	0.22	7.18	1611.	53.	3.
1170	0000	-821	37.4582	80.6346	DCH	1.0	2.0	7.6	1.92	0.26	7.28	1576.	52.	3.
1171	0000	-822	37.4582	80.6352	DCH	1.0	2.2	7.7	2.20	0.29	7.67	1559.	50.	2.
1172	0000	-824	37.4582	80.6358	DCH	0.9	2.5	7.6	2.66	0.32	8.23	1539.	50.	2.
1173	0000	-822	37.4582	80.6363	DCH	0.9	2.6	7.7	2.95	0.34 +	8.58	1542.	51.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-821	37.4582	80.6369		DCH	0.9	2.6	7.7	3.02	0.34 +	9.00	1535.	51.	1.
1175	0000	-823	37.4582	80.6375		DCH	0.8	2.5	7.7	2.96	0.32	9.19	1535.	50.	1.
1176	0000	-823	37.4582	80.6380		DCH	0.8	2.5	7.4	2.97	0.34 +	8.80	1523.	51.	2.
1177	0000	-824	37.4581	80.6385		DCH	0.8	2.6	7.3	3.16	0.36 +	8.88	1536.	51.	1.
1178	0000	-825	37.4581	80.6391		DCH	0.8	2.5	7.4	3.06	0.34 +	9.02	1542.	55.	2.
1179	0000	-823	37.4581	80.6397		DCH	0.9	2.2	7.5	2.62	0.30	8.81	1540.	55.	3.
1180	0000	-823	37.4581	80.6402		DCH	0.9	1.9	7.7	2.15	0.25	8.68	1535.	56.	3.
1181	0000	-823	37.4581	80.6408		DCH	0.9	1.8	7.9	2.02	0.23	8.72	1559.	55.	3.
1182	0000	-822	37.4581	80.6413		DCH	0.9	2.0	8.0	2.27	0.25	9.17	1555.	58.	3.
1183	0000	-823	37.4581	80.6418		DCH	0.9	1.8	8.4	2.00	0.21	9.33	1531.	56.	3.
1184	0000	-823	37.4581	80.6424		DCH	0.9	1.6	8.3	1.80	0.19 -	9.39	1481.	56.	3.
1185	0000	-823	37.4581	80.6430		DCH	0.8	1.6	8.0	1.98	0.20	10.13	1405.	54.	2.
1186	0000	-823	37.4581	80.6435		DCH	0.7	1.3 -	7.5	1.71	0.17 -	10.00	1324.	56.	2.
1187	0000	-824	37.4580	80.6441		DCH	0.7	1.3 -	6.8	1.82	0.19 -	9.57	1260.	54.	3.
1188	0000	-823	37.4580	80.6447		DCH	0.6	1.6	6.4	2.49	0.24	10.26	1190.	54.	2.
1189	0000	-823	37.4580	80.6452		DCH	0.6	1.5	6.1	2.39	0.24	9.99	1141.	54.	3.
1190	0000	-823	37.4580	80.6458		MMP	0.5 -	1.5 -	5.4	2.74	0.28	9.86 ++	1132.	56.	4.
1191	0000	-823	37.4580	80.6463		MMP	0.5 -	1.5 -	5.2 -	2.82 +	0.30	9.54 +	1136.	57.	4.
1192	0000	-823	37.4580	80.6469		MMP	0.6 -	1.5 -	5.2 -	2.63	0.29	9.06 +	1142.	56.	4.
1193	0000	-823	37.4580	80.6474		MMP	0.5 -	1.8	5.3 -	3.29 +	0.34	9.73 +	1169.	57.	4.
1194	0000	-824	37.4580	80.6479		MMP	0.6 -	1.8	5.8	3.01 +	0.31	9.76 +	1216.	57.	4.
1195	0000	-825	37.4580	80.6485		MMP	0.6 -	1.7	6.1	2.64	0.28	9.35 +	1264.	59.	4.
1196	0000	-825	37.4580	80.6490		MMP	0.8	1.8	6.7	2.37	0.27	8.69 +	1340.	57.	3.
1197	0000	-825	37.4579	80.6496		MMP	0.8	1.9	7.4	2.35	0.26	9.04 +	1390.	57.	2.
1198	0000	-826	37.4579	80.6502		MMP	0.9	2.4	8.1	2.78 +	0.30	9.23 +	1473.	55.	1.
1199	0000	-826	37.4579	80.6508		MMP	1.0	2.5 +	8.2	2.64	0.31	8.54	1549.	55.	1.
1200	0000	-827	37.4579	80.6513		MMP	1.0	2.4	8.6 +	2.33	0.28	8.32	1615.	55.	1.
1201	0000	-827	37.4579	80.6519		MMP	1.0	2.7 +	8.7 +	2.58	0.31	8.28	1658.	55.	1.
1202	0000	-827	37.4579	80.6524		MG	1.1	2.8	8.9 +	2.43	0.31	7.78	1712.	53.	1.
1203	0000	-827	37.4579	80.6530		MG	1.1	2.9	9.2 +	2.57	0.31	8.29	1760.	55.	1.
1204	0000	-829	37.4579	80.6535		MG	1.2	2.9	8.8 +	2.52	0.33	7.64	1808.	52.	2.
1205	0000	-829	37.4579	80.6541		MG	1.2	2.5	8.7 +	2.16	0.29	7.56	1815.	54.	4.
1206	0000	-829	37.4579	80.6546		MG	1.1	2.4	9.0 +	2.10	0.27	7.88	1830.	54.	6.
1207	0000	-831	37.4578	80.6552		MG	1.2	2.4	9.1 +	2.04	0.27	7.56	1858.	53.	8.
1208	0000	-831	37.4578	80.6557		MG	1.2	2.1	9.3 +	1.70	0.23 -	7.50	1879.	53.	10.
1209	0000	-832	37.4578	80.6562		MG	1.2	2.0	9.7 +	1.61	0.20 -	7.99	1909.	51.	12.
1210	0000	-834	37.4578	80.6569		MG	1.3 +	1.9	9.0 +	1.53 -	0.21 -	7.16	1891.	49.	12.
1211	0000	-835	37.4578	80.6574		MG	1.3 +	1.8	9.2 +	1.37 -	0.20 -	7.02	1871.	50.	12.
1212	0000	-835	37.4578	80.6580		MBF-2	1.3 +	1.8	9.1 +	1.37	0.20	6.77	1866.	47.	11.
1213	0000	-836	37.4578	80.6585		MBF-2	1.4 +	1.8	9.2 +	1.27	0.19	6.53	1882.	46.	10.
1214	0000	-835	37.4578	80.6591		MBF-2	1.5 +	1.7	9.2 +	1.18 -	0.19 -	6.30	1881.	45.	9.
1215	0000	-833	37.4578	80.6596		MBF-2	1.4 +	2.2	8.9 +	1.52	0.24	6.24	1895.	43.	7.
1216	0000	-833	37.4578	80.6601		MBF-2	1.4 +	2.1	8.3	1.48	0.26	5.75 -	1866.	45.	5.
1217	0000	-835	37.4577	80.6607		MBF-2	1.4 +	2.2	8.7 +	1.55	0.25	6.20	1852.	46.	4.
1218	0000	-837	37.4577	80.6613		MBF-2	1.4 +	2.4	8.6	1.73	0.27	6.31	1872.	48.	3.
1219	0000	-836	37.4577	80.6618		MBF-2	1.4 +	2.2	8.6	1.64	0.26	6.32	1870.	50.	2.
1220	0000	-835	37.4577	80.6624		MBF-2	1.3	2.5 +	8.5	1.97	0.30	6.66	1839.	52.	1.
1221	0000	-834	37.4577	80.6630		MBF-2	1.2	2.6 +	8.3	2.21	0.31	7.01	1795.	53.	1.
1222	0000	-834	37.4577	80.6635		MBF-2	1.2	2.3	8.0	2.00	0.29	6.88	1735.	53.	1.
1223	0000	-836	37.4577	80.6641		MBF-2	1.1	2.4	8.2	2.15	0.29	7.47	1703.	52.	1.
1224	0000	-836	37.4577	80.6648		MBF-2	1.1	2.5 +	8.0	2.36	0.32	7.44	1687.	51.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-836	37.4577	80.6654	MBF-2	1.0	2.4	7.8	2.37	0.30	7.85	1620.	51.	3.
1226	0000	-838	37.4577	80.6661	MBF-2	0.9	2.5 +	7.8	2.68 +	0.32	8.34 +	1569.	50.	2.
1227	0000	-838	37.4577	80.6667	MBF-2	0.9	2.4	7.8	2.62 +	0.31	8.56 +	1524.	49.	3.
1228	0000	-838	37.4577	80.6673	MBF-2	0.8 -	2.3	7.7	2.81 +	0.30	9.47 +	1462.	48.	2.
1229	0000	-838	37.4577	80.6680	MBF-2	0.8 -	2.3	7.5	3.02 +	0.30	9.94 ++	1409.	50.	2.
1230	0000	-837	37.4577	80.6687	MBF-2	0.7 -	2.1	6.9	2.89 +	0.31	9.28 +	1358.	50.	3.
1231	0000	-837	37.4577	80.6693	MBF-2	0.8 -	1.9	7.3	2.43 +	0.26	9.39 +	1345.	50.	3.
1232	0000	-837	37.4577	80.6700	MBF-2	0.8 -	2.0	7.3	2.49 +	0.28	9.01 +	1380.	48.	3.
1233	0000	-836	37.4577	80.6706	MBF-2	0.8	1.8	7.1	2.18	0.26	8.43 +	1384.	48.	4.
1234	0000	-835	37.4577	80.6713	MH	0.9	1.7	6.9	1.95	0.25	7.86	1397.	50.	4.
1235	0000	-835	37.4577	80.6719	MH	0.9	1.7	7.0	1.79	0.24	7.54	1441.	53.	5.
1236	0000	-833	37.4577	80.6725	MH	1.0	1.5	7.4	1.58	0.20	7.81	1474.	53.	6.
1237	0000	-833	37.4577	80.6731	MH	0.9	1.7	7.7	1.80	0.22	8.14	1501.	54.	6.
1238	0000	-834	37.4577	80.6738	MH	0.9	1.5	7.3	1.73	0.21	8.13	1468.	54.	7.
1239	0000	-834	37.4577	80.6744	MH	0.9	1.3	7.1	1.58	0.19 -	8.33	1420.	53.	7.
1240	0000	-832	37.4577	80.6750	MH	0.8	1.2 -	7.3	1.41 -	0.16 -	8.75	1400.	52.	8.
1241	0000	-834	37.4577	80.6757	MH	0.8	1.1 -	7.4	1.42 -	0.16 -	9.15	1389.	49.	8.
1242	0000	-835	37.4577	80.6764	MH	0.8	1.1 -	7.1	1.36 -	0.16 -	8.57	1389.	49.	9.
1243	0000	-835	37.4577	80.6770	MH	0.9	1.2 -	7.3	1.40 -	0.17 -	8.37	1415.	48.	9.
1244	0000	-835	37.4577	80.6777	MH	0.9	1.1 -	7.3	1.28 -	0.16 -	8.09	1442.	51.	10.
1245	0000	-834	37.4577	80.6783	MH	1.0	1.2 -	7.7	1.28 -	0.16 -	7.99	1516.	49.	9.
1246	0000	-835	37.4577	80.6790	MH	1.0	1.3	8.0	1.29 -	0.16 -	7.86	1609.	51.	10.
1247	0000	-835	37.4577	80.6796	MH	1.1	1.6	8.3 +	1.42 -	0.19 -	7.50	1709.	50.	10.
1248	0000	-834	37.4577	80.6802	MH	1.2 +	1.7	8.9 +	1.45	0.19 -	7.54	1786.	50.	11.
1249	0000	-834	37.4577	80.6809	MH	1.2 +	2.0	9.1 +	1.66	0.23	7.39	1854.	51.	10.
1250	0000	-834	37.4577	80.6815	MH	1.3 +	2.1	8.9 +	1.65	0.24	6.84	1895.	51.	10.
1251	0000	-834	37.4577	80.6822	MH	1.3 +	2.2	8.7 +	1.64	0.25	6.53	1924.	51.	9.
1252	0000	-833	37.4577	80.6828	MBF-2	1.4 +	2.3	8.7 +	1.70	0.27	6.36	1928.	52.	8.
1253	0000	-833	37.4577	80.6834	MBF-2	1.4 +	2.3	9.0 +	1.65	0.26	6.40	1923.	51.	7.
1254	0000	-832	37.4577	80.6841	MBF-2	1.4 +	2.3	9.0 +	1.64	0.25	6.47	1913.	52.	6.
1255	0000	-832	37.4577	80.6847	MBF-2	1.4 +	2.6 +	8.7 +	1.88	0.29	6.40	1903.	51.	5.
1256	0000	-834	37.4577	80.6854	MBF-2	1.3 +	2.2	9.3 +	1.65	0.24	6.88	1869.	52.	5.
1257	0000	-834	37.4577	80.6860	MBF-2	1.3 +	2.2	9.2 +	1.64	0.24	6.87	1845.	52.	3.
1258	0000	-833	37.4577	80.6867	MBF-2	1.3	2.2	9.7 +	1.70	0.23	7.41	1824.	51.	2.
1259	0000	-833	37.4577	80.6873	MBF-2	1.3	2.3	9.6 +	1.81	0.24	7.62	1793.	52.	2.
1260	0000	-833	37.4577	80.6880	MBF-2	1.2	2.2	9.0 +	1.85	0.24	7.69	1723.	55.	2.
1261	0000	-832	37.4576	80.6886	MBF-2	1.1	2.1	8.5	1.89	0.24	7.73	1649.	56.	2.
1262	0000	-833	37.4577	80.6892	MBF-2	1.0	1.7	8.5	1.64	0.20	8.08 +	1599.	55.	3.
1263	0000	-833	37.4577	80.6899	MBF-2	1.0	1.8	7.8	1.78	0.22	7.96	1561.	54.	3.
1264	0000	-833	37.4577	80.6905	MBF-2	0.9	1.7	7.7	1.88	0.22	8.46 +	1527.	54.	3.
1265	0000	-833	37.4577	80.6912	MH	0.9	1.8	7.4	2.02	0.24	8.46	1506.	51.	3.
1266	0000	-833	37.4577	80.6918	MH	0.9	1.7	7.4	1.95	0.23	8.65	1488.	49.	3.
1267	0000	-832	37.4577	80.6924	MH	0.9	1.7	7.7	1.90	0.22	8.78	1482.	48.	3.
1268	0000	-832	37.4577	80.6931	MH	0.8	1.9	7.7	2.29	0.24	9.42	1440.	47.	2.
1269	0000	-832	37.4577	80.6937	MH	0.8	1.8	7.2	2.37	0.25	9.34	1361.	49.	2.
1270	0000	-832	37.4577	80.6944	MH	0.7	1.7	6.9	2.33	0.25	9.33	1292.	47.	1.
1271	0000	-832	37.4577	80.6951	MH	0.6	1.7	6.8	2.59	0.24	10.65	1217.	46.	0.
1272	0000	-832	37.4577	80.6957	MH	0.6	1.6	6.6	2.60	0.24	10.86 +	1154.	49.	0.
1273	0000	-832	37.4577	80.6964	MH	0.6	1.6	6.6	2.85	0.25	11.58 +	1121.	49.	0.
1274	0000	-832	37.4577	80.6970	MH	0.5 -	1.7	6.3	3.25	0.28	11.68 +	1118.	48.	0.
1275	0000	-832	37.4577	80.6976	MH	0.6	1.7	6.4	2.82	0.26	10.67	1147.	48.	1.

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FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-833	37.4577	80.6983	MH	0.6	1.8	6.6	2.80	0.27	10.32	1191.	47.	1.
1277	0000	-833	37.4577	80.6989	MH	0.7	1.9	6.8	2.95	0.29	10.28	1241.	46.	2.
1278	0000	-833	37.4577	80.6995	MH	0.8	1.8	7.0	2.44	0.26	9.27	1297.	48.	3.
1279	0000	-835	37.4577	80.7001	MH	0.8	1.8	7.0	2.29	0.26	8.81	1344.	46.	4.
1280	0000	-834	37.4576	80.7008	MH	0.8	1.7	6.9	2.16	0.25	8.52	1351.	45.	5.
1281	0000	-833	37.4576	80.7014	MH	0.8	1.7	6.8	2.12	0.24	8.69	1340.	45.	6.
1282	0000	-834	37.4576	80.7021	MH	0.8	1.6	6.5	2.05	0.25	8.28	1331.	45.	6.
1283	0000	-833	37.4576	80.7027	MH	0.8	1.6	6.3	2.13	0.26	8.19	1336.	47.	7.
1284	0000	-833	37.4576	80.7034	MH	0.8	1.6	6.5	2.09	0.25	8.39	1351.	48.	7.
1285	0000	-834	37.4576	80.7041	MH	0.8	1.6	6.7	2.07	0.24	8.77	1360.	49.	7.
1286	0000	-834	37.4576	80.7047	MH	0.8	1.6	7.0	2.02	0.22	9.01	1383.	49.	6.
1287	0000	-835	37.4576	80.7053	MH	0.9	1.6	6.9	1.87	0.23	8.02	1420.	50.	6.
1288	0000	-834	37.4576	80.7060	MH	0.9	1.6	6.7	1.72	0.23	7.38	1454.	52.	7.
1289	0000	-833	37.4576	80.7066	MH	0.9	1.5	7.4	1.72	0.20	8.43	1496.	55.	7.
1290	0000	-834	37.4576	80.7073	MH	0.9	1.3	8.1 +	1.40 -	0.16 -	8.64	1548.	55.	8.
1291	0000	-834	37.4576	80.7079	MH	1.0	1.2	8.4 +	1.25 -	0.15 --	8.56	1582.	54.	8.
1292	0000	-833	37.4576	80.7085	MH	1.0	1.5	8.4 +	1.47	0.18 -	8.10	1634.	51.	7.
1293	0000	-834	37.4576	80.7092	MH	1.1	1.6	8.2 +	1.50	0.19 -	7.74	1672.	54.	7.
1294	0000	-835	37.4576	80.7098	MH	1.0	1.7	8.7 +	1.67	0.20 -	8.43	1683.	53.	6.
1295	0000	-834	37.4576	80.7105	MH	1.0	1.9	9.1 +	1.97	0.21	9.28	1649.	54.	5.
1296	0000	-833	37.4577	80.7111	MH	0.9	2.1	8.6 +	2.28	0.25	9.24	1604.	51.	4.
1297	0000	-833	37.4577	80.7118	MH	0.8	2.3 +	8.3 +	2.72	0.28	9.76	1535.	51.	3.
1298	0000	-834	37.4577	80.7124	MH	0.8	2.6 +	7.9	3.30	0.33	10.12	1468.	52.	2.
1299	0000	-834	37.4576	80.7131	MH	0.7	2.5 +	7.5	3.61 +	0.34	10.75	1403.	52.	2.
1300	0000	-833	37.4576	80.7137	MH	0.6	2.6 +	7.6	4.21 +	0.35 +	12.18 +	1331.	51.	1.
1301	0000	-833	37.4576	80.7143	MH	0.6	2.5 +	7.5	4.30 +	0.34	12.83 +	1275.	53.	1.
1302	0000	-832	37.4576	80.7150	MH	0.5 -	2.5 +	7.5	4.74 +	0.33	14.27 ++	1265.	52.	1.
1303	0000	-833	37.4576	80.7157	MH	0.6	2.4 +	8.0	4.19 +	0.30	14.10 ++	1292.	50.	0.
1304	0000	-834	37.4576	80.7163	MH	0.5	2.5 +	7.6	4.46 +	0.32	13.90 +	1310.	50.	1.
1305	0000	-832	37.4576	80.7170	MH	0.5	2.3 +	7.6	4.23 +	0.30	13.92 +	1321.	51.	1.
1306	0000	-833	37.4576	80.7175	MH	0.5	2.2	7.6	3.92 +	0.28	13.92 +	1300.	52.	2.
1307	0000	-834	37.4576	80.7182	MH	0.5 -	2.0	7.4	3.88 +	0.27	14.60 ++	1271.	51.	3.
1308	0000	-831	37.4576	80.7188	MH	0.5 -	2.1	6.9	4.71 +	0.31	15.32 ++	1263.	50.	4.
1309	0000	-830	37.4576	80.7195	MH	0.5 -	2.0	6.5	4.06 +	0.31	13.30 +	1235.	50.	4.
1310	0000	-830	37.4576	80.7201	MH	0.5 -	2.0	5.8	4.41 +	0.34 +	12.82 +	1183.	51.	5.
1311	0000	-831	37.4576	80.7208	MH	0.5 -	1.9	5.7	4.00 +	0.34 +	11.66 +	1170.	49.	5.
1312	0000	-834	37.4576	80.7214	MH	0.5 -	2.0	5.9	3.82 +	0.34	11.17 +	1200.	50.	6.
1313	0000	-834	37.4576	80.7220	MH	0.6	2.2	6.1	3.95 +	0.36 +	11.09 +	1257.	48.	6.
1314	0000	-833	37.4576	80.7227	MH	0.6	2.5 +	6.5	3.87 +	0.38 +	10.11	1367.	47.	5.
1315	0000	-834	37.4576	80.7234	MH	0.7	2.4 +	7.1	3.26	0.34 +	9.45	1416.	47.	4.
1316	0000	-833	37.4576	80.7240	MH	0.8	2.4 +	7.5	3.02	0.31	9.63	1473.	49.	5.
1317	0000	-833	37.4576	80.7247	MH	0.8	2.3 +	8.0	2.83	0.29	9.73	1530.	49.	4.
1318	0000	-834	37.4576	80.7253	MH	0.8	2.3 +	8.5 +	2.71	0.27	10.11	1578.	51.	4.
1319	0000	-833	37.4576	80.7260	MH	0.8	2.1	8.8 +	2.52	0.24	10.37	1571.	52.	5.
1320	0000	-833	37.4576	80.7265	MH	0.8	2.0	8.5 +	2.42	0.23	10.29	1536.	51.	5.
1321	0000	-833	37.4576	80.7272	MH	0.8	1.7	8.1 +	2.11	0.21	10.21	1459.	52.	6.
1322	0000	-832	37.4576	80.7278	MH	0.7	1.7	7.8	2.25	0.21	10.55	1449.	54.	7.
1323	0000	-832	37.4576	80.7285	MH	0.8	1.9	7.6	2.46	0.25	9.78	1474.	54.	7.
1324	0000	-833	37.4576	80.7291	MH	0.8	2.1	7.6	2.62	0.27	9.69	1497.	54.	7.
1325	0000	-833	37.4576	80.7298	MH	0.8	2.2	7.4	2.57	0.29	8.73	1523.	52.	7.
1326	0000	-833	37.4576	80.7304	MH	0.9	2.1	7.4	2.33	0.29	8.13	1558.	52.	6.

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STAT ANALYSIS BLUEFIELD NU17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140; DAY 292

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-833	37.4576	80.7310	MH	1.0	2.4 +	7.5	2.44	0.32	7.72	1630.	52.	5.
1328	0000	-83	37.4576	80.7317	MH	1.1	2.3 +	7.9	2.17	0.30	7.31	1698.	52.	4.
1329	0000	-833	37.4576	80.7324	MH	1.2 +	2.3 +	8.2 +	1.99	0.28	7.06	1743.	51.	3.
1330	0000	-834	37.4576	80.7330	MH	1.2 +	2.1	8.3 +	1.81	0.25	7.12	1743.	51.	2.
1331	0000	-833	37.4576	80.7337	MH	1.2 +	2.1	7.8	1.68	0.27	6.31 -	1756.	52.	2.
1332	0000	-834	37.4576	80.7343	MH	1.3 +	2.1	8.1 +	1.62	0.25	6.38 -	1779.	53.	2.
1333	0000	-834	37.4576	80.7350	MH	1.2 +	2.3 +	7.9	1.85	0.29	6.40 -	1783.	53.	2.
1334	0000	-834	37.4576	80.7355	MH	1.2 +	2.2	7.9	1.86	0.28	6.66	1763.	52.	2.
1335	0000	-833	37.4576	80.7362	MH	1.2 +	2.2	7.9	1.89	0.28	6.82	1736.	52.	3.
1336	0000	-832	37.4576	80.7368	MH	1.1 +	2.2	7.9	1.93	0.28	6.92	1706.	51.	3.
1337	0000	-833	37.4575	80.7375	MH	1.1	2.3 +	7.6	2.12	0.30	6.97	1696.	47.	4.
1338	0000	-834	37.4575	80.7382	MH	1.0	2.2	7.8	2.11	0.28	7.58	1667.	47.	4.
1339	0000	-833	37.4576	80.7388	MH	1.0	2.1	7.7	2.12	0.27	7.82	1600.	47.	4.
1340	0000	-834	37.4576	80.7394	MH	1.0	1.9	7.7	2.02	0.25	8.06	1572.	45.	3.
1341	0000	-835	37.4576	80.7401	MH	1.0	1.9	7.9	1.94	0.24	8.02	1577.	46.	3.
1342	0000	-834	37.4576	80.7407	MH	1.0	2.2	8.2 +	2.22	0.26	8.49	1603.	47.	3.
1343	0000	-833	37.4576	80.7414	MH	1.0	2.2	8.5 +	2.17	0.26	8.39	1649.	48.	2.
1344	0000	-832	37.4576	80.7421	MH	1.1 +	2.2	8.5 +	1.92	0.26	7.44	1693.	49.	1.
1345	0000	-831	37.4576	80.7427	MH	1.3 +	2.2	8.7 +	1.76	0.25	6.91	1757.	51.	1.
1346	0000	-831	37.4576	80.7433	MH	1.3 +	2.3 +	8.9 +	1.77	0.26	6.74	1818.	52.	1.
1347	0000	-832	37.4576	80.7440	MH	1.4 +	2.5 +	8.7 +	1.80	0.28	6.39 -	1847.	52.	0.
1348	0000	-832	37.4576	80.7446	MH	1.4 +	2.3 +	9.0 +	1.63	0.26	6.38 -	1832.	54.	0.
1349	0000	-833	37.4576	80.7452	MH	1.4 ++	2.0	8.7 +	1.38 -	0.23	6.07 -	1811.	55.	1.
1350	0000	-834	37.4576	80.7458	MH	1.4 +	2.0	8.1 +	1.39 -	0.24	5.71 -	1772.	55.	1.
1351	0000	-834	37.4576	80.7465	MH	1.3 +	1.9	8.0	1.45	0.23	6.19 -	1697.	55.	1.
1352	0000	-834	37.4576	80.7471	MH	1.1	1.9	7.7	1.71	0.25	6.89	1567.	53.	1.
1353	0000	-834	37.4576	80.7478	MH	1.0	1.7	7.2	1.73	0.24	7.28	1498.	52.	1.
1354	0000	-835	37.4576	80.7484	MH	0.9	1.6	7.1	1.86	0.23	8.08	1354.	51.	1.
1355	0000	-834	37.4576	80.7491	MH	0.8	1.7	6.2	2.27	0.27	8.31	1287.	50.	1.
1356	0000	-834	37.4575	80.7497	MH	0.7	1.9	6.0	2.81	0.31	9.15	1227.	50.	0.
1357	0000	-834	37.4575	80.7504	MH	0.5	1.9	6.0	3.46 +	0.31	11.11 +	1174.	50.	0.
1358	0000	-834	37.4575	80.7511	MH	0.5	1.8	6.3	3.31	0.29	11.59 +	1181.	50.	0.
1359	0000	-833	37.4575	80.7517	MH	0.6	1.9	6.3	2.95	0.30	9.96	1225.	49.	0.
1360	0000	-834	37.4575	80.7523	MH	0.7	2.0	7.0	3.02	0.28	10.78	1304.	50.	0.
1361	0000	-834	37.4575	80.7530	MH	0.7	2.1	7.3	2.88	0.28	10.15	1400.	50.	1.
1362	0000	-833	37.4575	80.7536	MH	0.8	2.1	8.4 +	2.71	0.25	10.67	1492.	47.	1.
1363	0000	-833	37.4575	80.7542	MH	0.9	2.3 +	8.7 +	2.63	0.26	10.14	1558.	47.	1.
1364	0000	-833	37.4575	80.7549	MH	0.9	2.4 +	9.1 +	2.68	0.27	10.04	1614.	45.	1.
1365	0000	-833	37.4575	80.7555	MH	0.9	2.7 +	9.2 +	3.17	0.30	10.74	1635.	47.	2.
1366	0000	-833	37.4575	80.7561	MH	0.8	2.8 ++	9.3 +	3.50 +	0.30	11.68 +	1657.	48.	2.
1367	0000	-833	37.4575	80.7568	MH	0.8	2.9 ++	8.8 +	3.56 +	0.33	10.75	1652.	48.	2.
1368	0000	-834	37.4575	80.7574	MH	0.8	2.8 ++	8.9 +	3.54 +	0.32	11.23 +	1623.	49.	2.
1369	0000	-834	37.4575	80.7581	MH	0.7	2.8 ++	8.1 +	3.78 +	0.35 +	10.83 +	1569.	52.	2.
1370	0000	-833	37.4575	80.7587	MH	0.7	2.9 ++	7.9	4.22 +	0.37 +	11.39 +	1542.	53.	3.
1371	0000	-833	37.4575	80.7594	MH	0.7	2.8 ++	7.7	3.79 +	0.36 +	10.63	1534.	53.	3.
1372	0000	-833	37.4575	80.7600	MH	0.8	2.7 +	7.4	3.44 +	0.36 +	9.44	1546.	50.	3.
1373	0000	-833	37.4575	80.7607	MH	0.8	2.6 +	7.8	3.07	0.33	9.25	1557.	49.	3.
1374	0000	-833	37.4575	80.7613	MH	0.8	2.6 +	7.5	3.02	0.34 +	8.79	1549.	47.	3.
1375	0000	-832	37.4575	80.7619	MH	0.8	2.5 +	7.2	3.06	0.35 +	8.69	1526.	47.	2.
1376	0000	-832	37.4575	80.7626	MH	0.9	2.5 +	7.3	2.89	0.34	8.44	1530.	45.	2.
1377	0000	-831	37.4575	80.7633	MH	0.9	2.5 +	7.2	2.87	0.34	8.39	1527.	43.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-826	37.4575	80.7640		MH	0.8	2.4 +	7.1	2.90	0.34	8.59	1511.	46.	2.
1379	0000	-824	37.4575	80.7646		MH	0.8	2.3 +	7.1	2.86	0.32	8.92	1491.	48.	3.
1380	0000	-829	37.4575	80.7652		MH	0.7	2.4 +	7.0	3.38 +	0.34 +	9.84	1456.	48.	3.
1381	0000	-833	37.4575	80.7660		MH	0.7	2.3 +	6.9	3.50 +	0.33	10.55	1443.	48.	4.
1382	0000	-832	37.4575	80.7666		MH	0.6	2.5 +	7.0	4.02 +	0.35 +	11.42 +	1439.	48.	5.
1383	0000	-833	37.4575	80.7672		MH	0.6	2.3 +	7.0	4.08 +	0.33	12.26 +	1430.	47.	6.
1384	0000	-833	37.4575	80.7679		MH	0.5 -	2.2	6.9	4.15 +	0.32	12.99 +	1402.	48.	7.
1385	0000	-832	37.4575	80.7685		MH	0.4 -	2.3 +	6.7	5.31 ++	0.34	15.53 ++	1357.	49.	8.
1386	0000	-832	37.4574	80.7692		MH	0.4 -	2.5 +	6.6	6.77 ++	0.38 +	17.87 ++	1331.	48.	7.
1387	0000	-833	37.4574	80.7699		MH	0.4 -	2.3 +	6.0	6.48 ++	0.38 +	17.11 ++	1291.	49.	8.
1388	0000	-834	37.4574	80.7706		MH	0.3 -	2.4 +	5.9	7.31 ++	0.40 +	18.37 +++	1255.	49.	7.
1389	0000	-834	37.4574	80.7712		MH	0.3 -	2.6 +	5.4	8.87 +++	0.48 ++	18.43 +++	1229.	48.	7.
1390	0000	-834	37.4574	80.7719		MH	0.3 -	2.8 ++	5.2 -	11.11 +++	0.54 ++	20.57 +++	1194.	51.	5.
1391	0000	-836	37.4574	80.7726		MH	0.2 --	2.9 ++	5.2 -	12.45 +++	0.57 ++	21.85 +++	1174.	52.	4.
1392	0000	-836	37.4574	80.7732		MH	0.3 -	2.9 ++	5.2 -	10.03 +++	0.56 ++	17.85 ++	1199.	52.	3.
1393	0000	-835	37.4574	80.7739		MH	0.3 -	3.1 ++	5.2 -	9.39 +++	0.60 +++	15.66 ++	1242.	52.	2.
1394	0000	-834	37.4574	80.7746		MH	0.4 -	3.3 +++	6.2	7.73 ++	0.53 ++	14.71 ++	1315.	53.	1.
1395	0000	-835	37.4574	80.7752		MH	0.5 -	3.5 +++	6.5	6.77 ++	0.54 ++	12.56 +	1410.	52.	1.
1396	0000	-835	37.4574	80.7759		MH	0.6	3.4 +++	7.2	5.40 ++	0.48 ++	11.30 +	1493.	54.	0.
1397	0000	-836	37.4574	80.7766		MH	0.8	3.4 +++	7.2	4.51 +	0.47 ++	9.57	1559.	53.	1.
1398	0000	-837	37.4574	80.7772		MH	0.8	3.3 +++	7.6	4.05 +	0.44 +	9.28	1634.	51.	2.
1399	0000	-837	37.4574	80.7778		MH	0.9	3.5 +++	8.1 +	3.89 +	0.43 +	9.09	1670.	49.	2.
1400	0000	-837	37.4574	80.7785		MH	0.9	3.2 ++	8.3 +	3.54 +	0.38 +	9.28	1665.	50.	3.
1401	0000	-838	37.4574	80.7791		MH	0.9	3.1 ++	7.8	3.35 +	0.40 +	8.37	1662.	46.	4.
1402	0000	-839	37.4574	80.7798		MH	0.9	2.8 ++	7.8	3.08	0.36 +	8.48	1609.	48.	5.
1403	0000	-838	37.4574	80.7805		MH	0.9	2.6 +	7.5	2.89	0.34	8.47	1549.	47.	7.
1404	0000	-837	37.4574	80.7812		MH	0.8	2.4 +	7.4	3.01	0.33	9.26	1501.	45.	8.
1405	0000	-837	37.4574	80.7818		MH	0.7	2.3 +	6.8	3.06	0.33	9.23	1430.	45.	9.
1406	0000	-835	37.4574	80.7825		MH	0.7	2.0	6.1	3.09	0.33	9.27	1359.	48.	9.
1407	0000	-833	37.4574	80.7832		MH	0.6	1.9	5.6	3.04	0.34	8.95	1277.	49.	9.
1408	0000	-834	37.4574	80.7838		MH	0.5 -	2.0	5.1 -	4.04 +	0.38 +	10.57	1194.	48.	9.
1409	0000	-836	37.4574	80.7845		MH	0.4 -	2.1	4.5 -	5.37 ++	0.46 ++	11.80 +	1142.	47.	9.
1410	0000	-836	37.4574	80.7851		MH	0.3 -	2.1	4.4 -	6.24 ++	0.49 ++	12.83 +	1105.	47.	8.
1411	0000	-836	37.4574	80.7857		MH	0.3 -	2.1	4.5 -	6.39 ++	0.46 ++	13.81 +	1081.	49.	6.
1412	0000	-837	37.4574	80.7865		MH	0.4 -	2.1	4.5 -	5.80 ++	0.47 ++	12.36 +	1093.	48.	5.
1413	0000	-836	37.4574	80.7871		MH	0.4 -	2.2	4.7 -	5.90 ++	0.46 ++	12.92 +	1114.	48.	5.
1414	0000	-836	37.4574	80.7878		MH	0.4 -	2.3 +	5.2 -	6.37 ++	0.43 +	14.73 ++	1141.	47.	4.
1415	0000	-838	37.4574	80.7884		MH	0.4 -	2.2	5.3	5.88 ++	0.41 +	14.43 ++	1152.	50.	4.
1416	0000	-838	37.4574	80.7891		MH	0.4 -	1.9	6.0	4.85 +	0.32	15.11 ++	1156.	50.	4.
1417	0000	-838	37.4573	80.7898		MH	0.4 -	1.9	5.8	4.55 +	0.32	14.25 ++	1168.	50.	5.
1418	0000	-839	37.4573	80.7904		MH	0.4 -	2.0	5.6	4.73 +	0.35 +	13.38 +	1201.	50.	5.
1419	0000	-840	37.4573	80.7911		MH	0.4 -	2.0	5.9	5.06 +	0.35 +	14.64 ++	1214.	50.	5.
1420	0000	-839	37.4573	80.7918		MH	0.4 -	2.3 +	6.2	5.19 ++	0.37 +	14.20 ++	1265.	49.	6.
1421	0000	-838	37.4573	80.7924		MH	0.5	2.1	6.6	3.96 +	0.32	12.25 +	1349.	48.	6.
1422	0000	-838	37.4573	80.7931		MH	0.7	2.2	7.0	3.22	0.31	10.44	1458.	48.	7.
1423	0000	-840	37.4573	80.7938		MH	0.8	2.3 +	7.2	2.90	0.32	9.04	1568.	49.	8.
1424	0000	-840	37.4573	80.7944		MH	0.9	2.2	7.9	2.42	0.28	8.69	1673.	47.	9.
1425	0000	-839	37.4573	80.7951		MH	1.0	2.4 +	8.5 +	2.47	0.28	8.69	1782.	45.	8.
1426	0000	-840	37.4573	80.7957		MH	1.1	2.5 +	8.8 +	2.35	0.28	8.27	1856.	47.	9.
1427	0000	-840	37.4573	80.7964		MH	1.1	2.4 +	8.8 +	2.25	0.27	8.31	1867.	48.	10.
1428	0000	-840	37.4572	80.7971		MH	1.0	2.5 +	8.5 +	2.36	0.29	8.08	1860.	48.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K.	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-840	37.4572	80.7977	MH	1.0	2.6 +	8.6 +	2.58	0.30	8.53	1827.	48.	9.
1430	0000	-840	37.4572	80.7984	MH	0.9	2.7 +	8.4 +	2.84	0.32	8.87	1774.	47.	8.
1431	0000	-841	37.4572	80.7990	MH	0.9	2.8 ++	8.1 +	3.03	0.35 +	8.78	1723.	48.	7.
1432	0000	-842	37.4572	80.7997	MH	0.9	2.6 +	7.7	2.78	0.34	8.15	1661.	50.	6.
1433	0000	-841	37.4573	80.8004	MH	0.9	2.9 ++	7.4	3.18	0.39 +	8.23	1623.	49.	5.
1434	0000	-841	37.4573	80.8010	MH	0.9	3.0 ++	7.4	3.30	0.40 +	8.21	1605.	48.	4.
1435	0000	-841	37.4573	80.8017	MH	0.9	3.1 ++	7.0	3.63 +	0.44 +	8.26	1571.	47.	3.
1436	0000	-840	37.4573	80.8024	MH	0.8	2.9 ++	6.8	3.50 +	0.43 +	8.21	1536.	45.	4.
1437	0000	-840	37.4573	80.8030	MH	0.8	2.8 ++	6.8	3.49 +	0.41 +	8.47	1518.	46.	4.
1438	0000	-842	37.4572	80.8037	MH	0.7	2.8 ++	6.5	3.81 +	0.43 +	8.79	1474.	47.	3.
1439	0000	-843	37.4572	80.8044	MH	0.6	2.6 +	6.2	4.11 +	0.41 +	9.95	1392.	49.	4.
1440	0000	-842	37.4572	80.8050	MH	0.6	2.2	6.2	3.67 +	0.35 +	10.50	1305.	48.	5.
1441	0000	-843	37.4572	80.8056	MH	0.6	1.7	6.0	2.96	0.29	10.27	1221.	47.	5.
1442	0000	-844	37.4572	80.8063	MH	0.5 -	1.5	5.7	2.95	0.27	11.12 +	1125.	48.	6.
1443	0000	-845	37.4572	80.8070	MH	0.4 -	1.5	5.3	3.63 +	0.29	12.66 +	1049.	51.	5.
1444	0000	-845	37.4572	80.8077	MH	0.4 -	1.5	4.8 -	3.86 +	0.30	12.65 +	975.	51.	5.
1445	0000	-846	37.4572	80.8083	MH	0.3 -	1.4	4.4 -	4.26 +	0.32	13.29 +	930.	53.	6.
1446	0000	-844	37.4572	80.8090	MH	0.3 -	1.5	4.3 -	4.57 +	0.34 +	13.34 +	901.	52.	6.
1447	0000	-843	37.4572	80.8096	MH	0.3 -	1.5	3.9 -	5.08 +	0.39 +	13.10 +	898.	53.	6.
1448	0000	-845	37.4572	80.8103	MH	0.3 -	1.8	3.8 --	6.55 ++	0.47 ++	13.90 +	882.	55.	5.
1449	0000	-846	37.4572	80.8110	MH	0.3 -	1.8	3.7 --	7.22 ++	0.48 ++	14.94 ++	877.	57.	4.
1450	0000	-846	37.4572	80.8117	MH	0.3 -	1.8	3.6 --	7.10 ++	0.50 ++	14.24 ++	866.	55.	4.
1451	0000	-846	37.4572	80.8123	MH	0.3 -	1.8	3.7 --	7.10 ++	0.49 ++	14.61 ++	863.	54.	4.
1452	0000	-844	37.4572	80.8130	MH	0.2 -	2.0	3.9 -	7.93 +++	0.51 ++	15.63 ++	863.	52.	3.
1453	0000	-844	37.4572	80.8136	MH	0.3 -	2.2	3.8 --	8.61 +++	0.57 ++	15.19 ++	872.	53.	3.
1454	0000	-846	37.4572	80.8143	MH	0.2 --	2.4 +	3.7 --	10.47 +++	0.65 +++	16.00 ++	863.	54.	2.
1455	0000	-845	37.4572	80.8150	MH	0.2 --	2.4 +	3.7 --	12.34 +++	0.65 +++	18.99 +++	862.	53.	2.
1456	0000	-844	37.4572	80.8156	MH	0.2 --	2.4 +	3.6 --	10.98 +++	0.65 +++	16.91 ++	871.	50.	2.
1457	0000	-845	37.4572	80.8162	MH	0.2 --	2.5 +	3.5 --	11.86 +++	0.70 +++	16.97 ++	862.	52.	2.
1458	0000	-844	37.4572	80.8169	MH	0.2 --	2.5 +	3.6 --	11.75 +++	0.69 +++	16.98 ++	853.	53.	1.
1459	0000	-844	37.4571	80.8176	MH	0.2 --	2.3 +	3.6 --	10.77 +++	0.65 +++	16.56 ++	835.	52.	2.
1460	0000	-844	37.4571	80.8183	MH	0.2 --	2.1	3.6 --	12.96 +++	0.59 +++	21.91 +++	822.	50.	3.
1461	0000	-843	37.4571	80.8189	MH	0.2 --	1.9	3.5 --	10.99 +++	0.54 ++	20.48 +++	799.	52.	4.
1462	0000	-846	37.4571	80.8196	MH	0.2 --	1.9	3.3 --	9.31 +++	0.57 ++	16.23 ++	812.	51.	5.
1463	0000	-846	37.4571	80.8202	MH	0.2 --	1.9	3.5 --	8.56 +++	0.53 ++	16.22 ++	820.	53.	5.
1464	0000	-846	37.4571	80.8209	MH	0.2 --	2.0	3.6 --	9.28 +++	0.56 ++	16.69 ++	846.	51.	6.
1465	0000	-846	37.4571	80.8216	MH	0.2 --	2.0	3.6 --	9.67 +++	0.57 ++	16.87 ++	865.	52.	6.
1466	0000	-845	37.4571	80.8222	MH	0.2 --	2.1	3.8 --	10.33 +++	0.57 ++	18.22 +++	888.	57.	6.
1467	0000	-846	37.4571	80.8229	MH	0.3 -	2.2	3.8 --	8.44 +++	0.59 ++	14.40 ++	911.	56.	5.
1468	0000	-846	37.4571	80.8235	MH	0.3 -	2.3 +	4.2 -	8.21 +++	0.54 ++	15.10 ++	932.	54.	4.
1469	0000	-844	37.4571	80.8242	MH	0.2 -	2.3 +	4.3 -	9.50 +++	0.54 ++	17.61 ++	924.	53.	4.
1470	0000	-845	37.4571	80.8249	MH	0.2 --	2.3 +	4.0 -	10.51 +++	0.58 ++	18.12 +++	903.	53.	4.
1471	0000	-847	37.4571	80.8255	MH	0.2 --	2.0	4.4 -	8.42 +++	0.45 ++	18.63 +++	901.	53.	4.
1472	0000	-845	37.4571	80.8262	MH	0.2 --	1.9	4.3 -	8.05 +++	0.44 +	18.49 +++	893.	53.	4.
1473	0000	-844	37.4571	80.8268	MH	0.2 --	1.6	4.1 -	7.31 ++	0.39 +	18.61 +++	885.	50.	5.
1474	0000	-844	37.4571	80.8275	MH	0.2 --	1.7	4.1 -	10.39 +++	0.41 +	25.40 +++	884.	51.	6.
1475	0000	-844	37.4571	80.8282	MH	0.2 --	1.8	4.1 -	11.27 +++	0.43 +	25.92 +++	914.	49.	7.
1476	0000	-845	37.4571	80.8289	MH	0.2 --	1.8	4.1 -	9.41 +++	0.45 ++	20.89 +++	944.	52.	8.
1477	0000	-846	37.4571	80.8295	MH	0.2 --	1.8	4.5 -	7.99 +++	0.41 +	19.51 +++	1002.	52.	9.
1478	0000	-846	37.4571	80.8302	MH	0.2 --	2.1	4.4 -	8.83 +++	0.48 ++	18.44 +++	1040.	53.	9.
1479	0000	-846	37.4571	80.8308	MH	0.2 -	2.2	4.5 -	9.04 +++	0.49 ++	18.36 +++	1072.	53.	9.

CP 9 LP 12

STA ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-846	37.4570	80.8315	MH	0.2 --	2.5 +	4.8 -	11.10 +++	0.53 ++	20.86 +++	1091.	54.	8.
1481	0000	-848	37.4570	80.8322	MH	0.3 -	2.3 +	4.9 -	8.18 +++	0.48 ++	17.10 ++	1106.	54.	7.
1482	0000	-848	37.4570	80.8329	MH	0.3 -	2.2	4.9 -	8.07 +++	0.45 +	18.04 +++	1096.	55.	7.
1483	0000	-847	37.4570	80.8335	MH	0.3 -	2.1	5.0 -	7.32 ++	0.42 +	17.22 ++	1109.	53.	7.
1484	0000	-848	37.4570	80.8341	MH	0.3 -	2.3 +	5.0 -	6.58 ++	0.45 ++	14.63 ++	1139.	53.	5.
1485	0000	-848	37.4570	80.8349	MH	0.4 -	2.3 +	5.1 -	5.63 ++	0.44 +	12.68 +	1194.	51.	5.
1486	0000	-848	37.4570	80.8355	MH	0.5 -	2.3 +	5.8	4.44 +	0.40 +	11.20 +	1298.	50.	5.
1487	0000	-848	37.4570	80.8361	MH	0.7	2.4 +	6.2	3.54 +	0.38 +	9.22	1432.	50.	6.
1488	0000	-848	37.4570	80.8368	MH	0.8	2.6 +	6.8	3.27	0.38 +	8.50	1577.	49.	6.
1489	0000	-848	37.4570	80.8374	MH	1.0	2.8 ++	7.5	2.93	0.38 +	7.75	1732.	48.	7.
1490	0000	-848	37.4570	80.8381	MBF-2	1.1	2.9 ++	7.5	2.67 +	0.39 +	6.90	1819.	48.	7.
1491	0000	-848	37.4570	80.8387	MBF-2	1.1	2.8 +	8.0	2.49 +	0.34 +	7.26	1854.	47.	8.
1492	0000	-848	37.4570	80.8393	MBF-2	1.1	2.6 +	8.3	2.41 +	0.32	7.57	1838.	49.	8.
1493	0000	-848	37.4570	80.8400	MBF-2	1.0	2.6 +	8.0	2.45 +	0.32	7.67	1756.	52.	8.
1494	0000	-847	37.4570	80.8405	MBF-2	1.0	2.4	7.8	2.42 +	0.30	8.05	1665.	50.	7.
1495	0000	-847	37.4570	80.8412	MBF-2	0.9	2.4	7.2	2.70 +	0.33	8.18 +	1561.	50.	7.
1496	0000	-848	37.4570	80.8418	MBF-2	0.8 -	2.2	6.7	2.83 +	0.33	8.49 +	1469.	51.	6.
1497	0000	-848	37.4570	80.8423	MBF-2	0.7 -	2.1	7.0	2.85 +	0.30	9.44 +	1441.	53.	4.
1498	0000	-848	37.4570	80.8430	MBF-2	0.7 -	2.6 +	6.3	3.66 ++	0.41 ++	8.92 +	1455.	53.	4.
1499	0000	-848	37.4570	80.8436	MBF-2	0.7 -	2.9 +	6.4	3.96 ++	0.45 ++	8.73 +	1491.	52.	3.
1500	0000	-849	37.4570	80.8442	MBF-2	0.8 -	3.1 ++	6.5	4.01 ++	0.47 ++	8.48 +	1553.	48.	2.
1501	0000	-849	37.4570	80.8448	MBF-2	0.8	3.2 ++	6.5	3.77 ++	0.49 +++	7.76	1617.	48.	3.
1502	0000	-849	37.4570	80.8454	MBF-2	0.9	3.1 ++	7.1	3.37 ++	0.44 ++	7.66	1699.	50.	5.
1503	0000	-849	37.4570	80.8460	MBF-2	1.1	3.1 ++	7.5	2.92 +	0.41 ++	7.08	1814.	51.	7.
1504	0000	-849	37.4570	80.8466	MBF-2	1.2	2.9 ++	7.8	2.42 +	0.38 +	6.45	1914.	49.	9.
1505	0000	-850	37.4570	80.8472	MBF-2	1.3 +	2.4	8.6	1.75	0.27	6.37	1955.	49.	12.
1506	0000	-850	37.4570	80.8478	MBF-2	1.4 +	2.1	8.7 +	1.49	0.24	6.31	1971.	50.	14.
1507	0000	-849	37.4570	80.8485	MBF-2	1.4 +	1.9	8.7 +	1.35	0.22	6.18	1979.	53.	16.
1508	0000	-849	37.4570	80.8490	MBF-2	1.4 +	1.7	8.7 +	1.22 -	0.20	6.21	1977.	54.	18.
1509	0000	-848	37.4570	80.8496	MBF-2	1.4 +	1.5	8.5	1.01 -	0.17 -	5.87	1979.	53.	18.
1510	0000	-847	37.4570	80.8503	MBF-2	1.4 +	1.4	8.8 +	0.99 -	0.16 -	6.08	1974.	51.	18.
1511	0000	-847	37.4570	80.8508	MBF-2	1.4 +	1.7	8.5	1.28	0.20	6.31	1966.	51.	18.
1512	0000	-847	37.4570	80.8515	MBF-2	1.4 +	1.8	8.4	1.32	0.22	6.09	1996.	53.	18.
1513	0000	-848	37.4570	80.8521	MBF-2	1.5 +	1.9	8.3	1.33	0.23	5.67 -	2058.	52.	19.
1514	0000	-849	37.4570	80.8526	MBF-2	1.5 +	2.1	8.3	1.39	0.26	5.43 -	2138.	50.	20.
1515	0000	-848	37.4570	80.8533	MBF-2	1.6 ++	2.2	8.5	1.36	0.26	5.26 -	2204.	48.	20.
1516	0000	-848	37.4571	80.8539	MBF-2	1.7 ++	2.2	8.8 +	1.28	0.25	5.18 -	2264.	46.	21.
1517	0000	-848	37.4571	80.8546	MBF-2	1.7 ++	2.4	8.5	1.41	0.28	5.12 -	2255.	47.	21.
1518	0000	-849	37.4571	80.8551	MBF-2	1.7 ++	2.2	8.4	1.36	0.27	5.07 -	2214.	46.	22.
1519	0000	-851	37.4571	80.8557	MBF-2	1.6 ++	2.0	8.2	1.25 -	0.24	5.11 -	2161.	44.	23.
1520	0000	-851	37.4571	80.8564	MBF-2	1.5 +	1.6	7.9	1.06 -	0.20	5.20 -	2063.	45.	23.
1521	0000	-852	37.4571	80.8569	MBF-2	1.4 +	1.3 -	7.3	0.92 --	0.18 -	5.21 -	1953.	45.	24.
1522	0000	-851	37.4571	80.8575	MBF-2	1.2	1.4	6.4	1.16 -	0.22	5.16 -	1837.	46.	25.
1523	0000	-851	37.4571	80.8582	MBF-2	1.0	1.4 -	5.5 -	1.31	0.25	5.30 -	1680.	49.	26.
1524	0000	-851	37.4571	80.8588	MBF-2	0.9	1.2 -	4.7 -	1.31	0.25	5.20 -	1548.	47.	27.
1525	0000	-850	37.4571	80.8594	MBF-2	0.8 -	1.2 -	4.3 --	1.47	0.28	5.32 -	1458.	47.	27.
1526	0000	-850	37.4571	80.8599	MBF-2	0.7 -	1.3 -	3.7 --	1.92	0.37 +	5.25 -	1382.	49.	28.
1527	0000	-851	37.4571	80.8605	MBF-2	0.7 -	1.6	3.3 --	2.37	0.47 ++	5.09 -	1358.	47.	28.
1528	0000	-850	37.4571	80.8612	MBF-2	0.7 -	1.5	3.4 --	2.06	0.44 ++	4.72 --	1361.	46.	27.
1529	0000	-850	37.4571	80.8618	MBF-2	0.8 -	1.3 -	3.7 --	1.71	0.36 +	4.75 --	1388.	46.	26.
1530	0000	-851	37.4571	80.8624	MBF-2	0.8	1.2 -	4.0 --	1.37	0.29	4.76 --	1428.	45.	26.

CP 9 LP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-850	37.4571	80.8630	(WATER)	0.9	1.2	4.3	1.31	0.27	4.90	1497.	44.	25.
1532	0000	-850	37.4571	80.8636	(WATER)	0.9	1.0	5.0	1.11	0.21	5.38	1540.	44.	24.
1533	0000	-851	37.4571	80.8642	(WATER)	1.0	1.1	5.2	1.10	0.21	5.24	1597.	45.	23.
1534	0000	-850	37.4571	80.8648	(WATER)	1.1	1.1	5.6	0.99	0.19	5.29	1648.	46.	23.
1535	0000	-850	37.4571	80.8654	(WATER)	1.1	1.2	6.1	1.09	0.19	5.72	1691.	47.	22.
1536	0000	-851	37.4571	80.8661	(WATER)	1.1	1.1	6.5	1.00	0.17	5.93	1721.	46.	21.
1537	0000	-849	37.4571	80.8666	(WATER)	1.1	1.6	6.9	1.45	0.23	6.33	1773.	48.	19.
1538	0000	-849	37.4571	80.8672	(WATER)	1.1	1.7	6.9	1.49	0.24	6.09	1797.	51.	17.
1539	0000	-852	37.4571	80.8679	(WATER)	1.2	1.7	7.0	1.40	0.24	5.75	1827.	53.	17.
1540	0000	-852	37.4571	80.8684	(WATER)	1.2	1.7	7.3	1.39	0.22	6.18	1828.	53.	16.
1541	0000	-850	37.4571	80.8691	(WATER)	1.2	1.7	7.6	1.44	0.22	6.53	1820.	52.	15.
1542	0000	-851	37.4571	80.8697	(WATER)	1.1	1.5	7.6	1.34	0.20	6.68	1795.	54.	15.
1543	0000	-852	37.4571	80.8702	(WATER)	1.1	1.6	7.3	1.49	0.22	6.70	1761.	54.	15.
1544	0000	-851	37.4571	80.8709	(WATER)	1.0	1.7	6.7	1.66	0.26	6.49	1708.	54.	15.
1545	0000	-850	37.4571	80.8715	MBF-2	1.0	1.5	6.9	1.54	0.22	6.86	1635.	50.	15.
1546	0000	-850	37.4571	80.8721	MBF-2	0.9	1.8	6.6	2.05	0.27	7.66	1563.	49.	13.
1547	0000	-852	37.4571	80.8727	MBF-2	0.8 -	1.9	6.1	2.49 +	0.32	7.86	1486.	47.	12.
1548	0000	-853	37.4571	80.8734	MBF-2	0.8 -	2.1	5.7 -	2.77 +	0.37 +	7.40	1418.	46.	11.
1549	0000	-853	37.4571	80.8739	MBF-2	0.6 -	2.3	5.4 -	3.51 ++	0.42 ++	8.28 +	1340.	46.	9.
1550	0000	-854	37.4571	80.8745	MBF-1	0.6 +	2.3 +	5.3	3.79	0.43	8.87	1265.	45.	7.
1551	0000	-854	37.4571	80.8752	MBF-1	0.5 +	2.3 +	5.1	4.17	0.44	9.39	1188.	43.	6.
1552	0000	-855	37.4571	80.8757	MBF-1	0.5	2.3 +	4.5	4.90	0.51 +	9.54	1123.	50.	5.
1553	0000	-855	37.4571	80.8764	MBF-1	0.5	2.1 +	4.1	4.24	0.50 +	8.51	1082.	49.	5.
1554	0000	-854	37.4571	80.8769	MBF-1	0.5	2.1 +	4.1	4.27	0.51 +	8.35	1077.	50.	4.
1555	0000	-854	37.4571	80.8775	MBF-1	0.5	2.1 +	4.1	4.39	0.51 +	8.68	1104.	51.	4.
1556	0000	-856	37.4571	80.8782	MBF-1	0.6 +	2.0	4.2	3.55	0.46	7.64 -	1171.	53.	5.
1557	0000	-855	37.4571	80.8787	MBF-1	0.6 +	2.0 +	4.9	3.50	0.42	8.42	1248.	54.	6.
1558	0000	-855	37.4571	80.8794	MBF-2	0.6 -	2.1	5.6 -	3.32 ++	0.38 +	8.81 +	1323.	54.	6.
1559	0000	-857	37.4571	80.8800	MBF-2	0.7 -	2.2	6.1	3.31 ++	0.37 +	9.05 +	1412.	50.	7.
1560	0000	-856	37.4571	80.8806	MBF-2	0.7 -	2.3	6.7	3.14 +	0.35 +	8.96 +	1502.	50.	7.
1561	0000	-856	37.4571	80.8812	MBF-2	0.8	2.1	7.3	2.50 +	0.28	8.78 +	1587.	50.	9.
1562	0000	-857	37.4571	80.8817	MBF-2	0.9	2.1	7.9	2.30	0.26	8.82 +	1634.	48.	10.
1563	0000	-856	37.4571	80.8824	MH	0.9	2.4 +	8.5 +	2.68	0.28	9.41	1663.	44.	9.
1564	0000	-857	37.4571	80.8830	MH	1.0	2.3 +	8.4 +	2.43	0.28	8.77	1683.	46.	10.
1565	0000	-857	37.4571	80.8836	MH	1.0	2.1	8.4 +	2.08	0.25	8.20	1721.	48.	11.
1566	0000	-855	37.4571	80.8842	MH	1.1	2.0	8.3 +	1.81	0.24	7.39	1725.	49.	11.
1567	0000	-857	37.4571	80.8848	MH	1.1	2.0	8.2 +	1.86	0.25	7.59	1714.	50.	11.
1568	0000	-858	37.4571	80.8854	MBF-2	1.0	2.1	7.7	2.05	0.28	7.39	1698.	50.	12.
1569	0000	-857	37.4571	80.8860	MBF-2	1.0	2.1 -	7.6	2.05	0.28	7.31	1703.	52.	11.
1570	0000	-859	37.4571	80.8867	MBF-2	1.0	1.8	7.1	1.74	0.25	6.90	1675.	54.	13.
1571	0000	-860	37.4571	80.8872	MBF-2	1.0	1.9	6.9	1.93	0.28	7.01	1647.	52.	13.
1572	0000	-860	37.4571	80.8879	MBF-2	0.9	1.8	6.8	1.94	0.26	7.40	1597.	49.	13.
1573	0000	-860	37.4571	80.8885	MBF-2	0.9	1.9	6.9	2.15	0.27	7.93	1605.	47.	13.
1574	0000	-860	37.4571	80.8890	MBF-2	0.9	1.9	7.0	2.00	0.26	7.56	1634.	48.	14.
1575	0000	-861	37.4571	80.8897	MBF-2	1.0	1.8	7.4	1.88	0.24	7.75	1662.	49.	13.
1576	0000	-862	37.4571	80.8903	MBF-2	1.0	1.7	7.7	1.65	0.22	7.60	1677.	48.	13.
1577	0000	-862	37.4571	80.8909	MBF-2	1.1	1.8	8.1	1.72	0.22	7.71	1712.	47.	12.
1578	0000	-861	37.4571	80.8915	MBF-2	1.1	1.7	8.3	1.49	0.21	7.21	1735.	47.	10.
1579	0000	-862	37.4571	80.8921	MBF-2	1.2	2.0	8.0	1.71	0.25	6.90	1762.	48.	9.
1580	0000	-863	37.4571	80.8927	MBF-2	1.1	1.9	7.9	1.66	0.24	7.03	1755.	48.	9.
1581	0000	-863	37.4571	80.8933	MBF-2	1.0	2.1	7.5	2.00	0.28	7.17	1707.	46.	7.

STAT ANALYSIS -BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 1402 DAY 292

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES									*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS	
1582	0000	-863	37.4571	80.8939	MBF-2	1.0	2.1	7.6	2.16	0.28	7.63	1658.	48.	6.	
1583	0000	-864	37.4571	80.8945	MBF-2	0.9	2.2	7.3	2.48 +	0.31	8.07 +	1610.	48.	7.	
1584	0000	-864	37.4571	80.8952	MBF-2	0.9	2.2	7.0	2.51 +	0.31	8.08 +	1576.	50.	8.	
1585	0000	-864	37.4571	80.8957	MBF-2	0.8 -	2.1	6.8	2.56 +	0.31	8.39 +	1562.	51.	10.	
1586	0000	-865	37.4571	80.8963	MBF-2	0.8 -	2.0	6.8	2.51 +	0.29	8.59 +	1546.	52.	13.	
1587	0000	-866	37.4571	80.8970	MBF-2	0.8 -	1.8	7.0	2.19	0.25	8.66 +	1526.	53.	14.	
1588	0000	-866	37.4571	80.8976	MBF-2	0.8	1.4	7.4	1.71	0.19 -	8.90 +	1524.	53.	17.	
1589	0000	-865	37.4571	80.8982	MBF-2	0.8 -	1.4	6.9	1.80	0.21	8.61 +	1515.	51.	18.	
1590	0000	-866	37.4571	80.8987	MBF-2	0.8 -	1.4	6.8	1.82	0.21	8.61 +	1505.	50.	19.	
1591	0000	-866	37.4571	80.8994	MBF-2	0.8 -	1.4 -	6.4	1.86	0.22	8.51 +	1469.	49.	19.	
1592	0000	-866	37.4571	80.9000	MBF-2	0.7 -	1.6	6.2	2.33	0.26	9.01 +	1443.	49.	18.	
1593	0000	-867	37.4571	80.9005	MBF-2	0.7 -	1.5	6.4	2.24	0.23	9.66 ++	1428.	47.	18.	
1594	0000	-867	37.4571	80.9012	MBF-1	0.6 +	1.8	6.2 +	3.06	0.30	10.28	1429.	47.	16.	
1595	0000	-867	37.4571	80.9018	MBF-1	0.6 +	2.1 +	6.2 +	3.72	0.34	10.99	1432.	50.	15.	
1596	0000	-867	37.4571	80.9024	MBF-1	0.5	2.0	6.2 +	3.85	0.33	11.81	1416.	49.	13.	
1597	0000	-867	37.4571	80.9030	MBF-1	0.5	2.1 +	5.8 +	4.29	0.36	11.98	1393.	49.	12.	
1598	0000	-868	37.4571	80.9036	MBF-1	0.4	2.4 +	5.7 +	5.47 +	0.42	13.11	1370.	51.	11.	
1599	0000	-870	37.4571	80.9043	MBF-1	0.4	2.4 +	5.8 +	6.51 +	0.41	15.85 +	1327.	49.	10.	
1600	0000	-871	37.4571	80.9048	MBF-1	0.3	2.6 ++	5.3	8.28 ++	0.50 +	16.52 +	1270.	49.	9.	
1601	0000	-872	37.4571	80.9055	MBF-1	0.3 -	2.6 ++	5.1	9.10 ++	0.51 +	17.87 +	1223.	49.	9.	
1602	0000	-872	37.4571	80.9061	MBF-1	0.2 -	2.7 ++	4.8	10.74 ++	0.55 +	19.36 ++	1177.	47.	8.	
1603	0000	-873	37.4571	80.9066	MBF-1	0.3 -	2.9 ++	4.6	10.75 ++	0.64 +	16.68 +	1189.	46.	8.	
1604	0000	-873	37.4571	80.9073	MBF-1	0.4	2.8 ++	5.1	7.67 +	0.55 +	13.91 +	1227.	46.	10.	
1605	0000	-874	37.4571	80.9079	MBF-1	0.5	2.6 ++	5.6 +	5.73 +	0.47	12.28	1301.	44.	11.	
1606	0000	-874	37.4571	80.9085	MBF-1	0.6 +	2.6 ++	5.9 +	4.53	0.44	10.30	1386.	44.	13.	
1607	0000	-873	37.4571	80.9091	MBF-2	0.7 -	2.4	6.5	3.44 ++	0.36 +	9.44 +	1501.	47.	14.	
1608	0000	-873	37.4571	80.9097	MBF-2	0.8	2.1	6.8	2.46 +	0.30	8.14 +	1595.	49.	16.	
1609	0000	-874	37.4571	80.9103	MBF-2	0.9	1.8	7.3	1.94	0.25	7.78	1686.	50.	18.	
1610	0000	-874	37.4571	80.9109	MBF-2	1.1	1.5	7.7	1.43	0.20	7.25	1762.	52.	19.	
1611	0000	-874	37.4571	80.9115	MBF-2	1.1	1.7	8.2	1.61	0.21	7.78	1824.	53.	19.	
1612	0000	-875	37.4571	80.9121	MH	1.1	1.9	8.5 +	1.75	0.22	7.86	1892.	54.	19.	
1613	0000	-875	37.4571	80.9127	MH	1.2 +	2.0	8.9 +	1.66	0.22	7.47	1986.	53.	19.	
1614	0000	-876	37.4571	80.9133	MH	1.2 +	2.3 +	9.0 +	1.87	0.26	7.19	2056.	49.	19.	
1615	0000	-876	37.4571	80.9139	MH	1.3 +	2.6 +	9.6 ++	2.01	0.27	7.44	2131.	47.	18.	
1616	0000	-876	37.4571	80.9146	MH	1.3 +	3.0 ++	9.6 ++	2.29	0.31	7.39	2185.	46.	18.	
1617	0000	-878	37.4571	80.9151	MH	1.3 +	3.1 ++	10.0 ++	2.35	0.31	7.58	2226.	45.	18.	
1618	0000	-880	37.4571	80.9158	MH	1.4 +	3.2 ++	9.5 ++	2.35	0.33	7.03	2252.	46.	19.	
1619	0000	-880	37.4571	80.9164	MH	1.4 +	2.9 ++	9.6 ++	2.13	0.30	7.12	2247.	46.	20.	
1620	0000	-880	37.4571	80.9169	MH	1.3 +	2.5 +	9.4 +	1.88	0.27	6.99	2229.	47.	22.	
1621	0000	-882	37.4571	80.9176	MH	1.3 +	2.1	9.7 ++	1.62	0.22	7.42	2193.	49.	23.	
1622	0000	-882	37.4571	80.9182	MH	1.3 +	2.1	9.2 +	1.70	0.23	7.37	2132.	48.	24.	
1623	0000	-880	37.4571	80.9188	MH	1.3 +	1.9	9.5 ++	1.54	0.20	7.57	2089.	47.	24.	
1624	0000	-881	37.4571	80.9194	MH	1.2 +	1.9	9.2 +	1.60	0.21	7.62	2032.	46.	24.	
1625	0000	-882	37.4572	80.9200	MH	1.1 +	1.8	9.4 +	1.61	0.20 -	8.19	1979.	44.	23.	
1626	0000	-882	37.4572	80.9206	MH	1.1	1.9	8.9 +	1.71	0.21	8.08	1948.	45.	22.	
1627	0000	-884	37.4572	80.9212	MH	1.0	2.3 +	8.8 +	2.22	0.26	8.49	1903.	46.	20.	
1628	0000	-886	37.4572	80.9219	MH	1.1	2.4 +	8.8 +	2.19	0.27	8.14	1879.	47.	18.	
1629	0000	-885	37.4572	80.9224	MH	1.1	2.5 +	8.7 +	2.26	0.29	7.90	1905.	47.	16.	
1630	0000	-885	37.4572	80.9230	MH	1.1 +	2.5 +	8.3 +	2.23	0.30	7.32	1910.	48.	15.	
1631	0000	-886	37.4572	80.9237	MH	1.2 +	2.4 +	8.2 +	2.05	0.29	7.10	1916.	51.	15.	
1632	0000	-887	37.4572	80.9242	MH	1.2 +	2.5 +	8.5 +	1.99	0.29	6.82	1991.	51.	14.	

CP9 1P 12

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-888	37.4572	80.9249		MH	1.3 +	2.4 +	8.7 +	1.79	0.28	6.50 -	2015.	50.	15.
1634	0000	-889	37.4572	80.9254		MH	1.4 +	2.1	8.8 +	1.52	0.24	6.27 -	2041.	49.	16.
1635	0000	-889	37.4572	80.9261		MH	1.4 +	2.2	8.8 +	1.59	0.25	6.33 -	2066.	49.	17.
1636	0000	-890	37.4572	80.9267		MH	1.4 ++	1.9	9.0 +	1.35 -	0.21	6.30 -	2081.	50.	20.
1637	0000	-892	37.4572	80.9273		MH	1.5 ++	1.9	9.2 +	1.26 -	0.21	6.11 -	2155.	50.	21.
1638	0000	-893	37.4572	80.9279		MH	1.6 ++	2.2	9.4 +	1.40 -	0.23	6.07 -	2205.	51.	22.
1639	0000	-893	37.4572	80.9285		MH	1.6 ++	2.0	9.0 +	1.24 -	0.22	5.66 -	2202.	51.	23.
1640	0000	-894	37.4572	80.9291		MH	1.6 ++	2.1	8.8 +	1.34 -	0.24	5.55 -	2220.	52.	23.
1641	0000	-895	37.4572	80.9297		MH	1.6 ++	2.1	9.1 +	1.30 -	0.23	5.77 -	2219.	52.	22.
1642	0000	-894	37.4572	80.9303		MH	1.6 ++	2.0	8.8 +	1.29 -	0.23	5.65 -	2188.	52.	21.
1643	0000	-895	37.4572	80.9309		MH	1.5 ++	2.1	9.0 +	1.40 -	0.23	6.03 -	2134.	53.	19.
1644	0000	-896	37.4572	80.9315		MH	1.4 +	2.0	9.0 +	1.46	0.22	6.48 -	2034.	52.	16.
1645	0000	-896	37.4572	80.9321		MH	1.3 +	2.0	9.0 +	1.48	0.22	6.74	1955.	51.	15.
1646	0000	-896	37.4572	80.9327		MH	1.2 +	2.0	8.7 +	1.68	0.23	7.24	1853.	52.	13.
1647	0000	-896	37.4572	80.9334		MH	1.1	1.9	8.5 +	1.77	0.23	7.74	1762.	52.	12.
1648	0000	-896	37.4572	80.9339		MH	1.0	2.0	8.2 +	1.96	0.24	8.00	1693.	52.	11.
1649	0000	-897	37.4572	80.9345		MH	1.0	1.9	8.7 +	1.93	0.22	8.68	1672.	52.	10.
1650	0000	-898	37.4572	80.9352		MH	1.0	2.1	8.2 +	2.11	0.25	8.39	1663.	50.	9.
1651	0000	-899	37.4572	80.9358		MH	1.0	2.1	7.8	2.06	0.27	7.57	1696.	51.	10.
1652	0000	-900	37.4572	80.9365		MH	1.0	2.0	8.0	1.98	0.25	8.03	1720.	50.	9.
1653	0000	-901	37.4572	80.9371		MH	1.0	1.9	8.2 +	1.89	0.24	8.00	1733.	51.	9.
1654	0000	-900	37.4572	80.9378		MH	1.1	1.9	8.3 +	1.68	0.23	7.39	1755.	50.	9.
1655	0000	-900	37.4572	80.9384		MH	1.1	1.9	8.2 +	1.66	0.23	7.33	1762.	49.	10.
1656	0000	-902	37.4572	80.9391		MH	1.2 +	2.0	7.9	1.71	0.25	6.83	1765.	49.	10.
1657	0000	-904	37.4572	80.9396		MH	1.2 +	2.0	7.8	1.69	0.25	6.68	1766.	51.	10.
1658	0000	-905	37.4572	80.9403		MH	1.1	2.0	7.9	1.83	0.26	7.03	1748.	51.	10.
1659	0000	-906	37.4572	80.9409		MH	1.2 +	2.0	7.3	1.68	0.27	6.26 -	1745.	52.	11.
1660	0000	-908	37.4572	80.9416		MH	1.2 +	1.9	7.2	1.53	0.27	5.77 -	1770.	51.	13.
1661	0000	-910	37.4572	80.9422		MH	1.3 +	1.7	7.6	1.34 -	0.23	5.86 -	1815.	52.	13.
1662	0000	-909	37.4572	80.9429		MH	1.3 +	1.7	7.8	1.26 -	0.21	5.87 -	1864.	51.	13.
1663	0000	-909	37.4572	80.9435		MH	1.3 +	1.6	8.1	1.18 -	0.20 -	6.00 -	1885.	51.	13.
1664	0000	-911	37.4572	80.9442		MH	1.3 +	1.5	8.5 +	1.12 -	0.18 -	6.34 -	1884.	51.	12.
1665	0000	-912	37.4572	80.9448		MH	1.3 +	1.4	8.6 +	1.06 -	0.17 -	6.36 -	1848.	51.	11.
1666	0000	-911	37.4572	80.9454		MH	1.3 +	1.6	8.9 +	1.22 -	0.18 -	6.96	1793.	51.	9.
1667	0000	-911	37.4572	80.9461		MH	1.2 +	1.6	9.1 +	1.38 -	0.18 -	7.72	1743.	50.	7.
1668	0000	-909	37.4572	80.9467		MH	1.0	1.9	9.0 +	1.84	0.21	8.74	1664.	49.	5.
1669	0000	-909	37.4572	80.9473		MH	1.0	2.2	8.6 +	2.28	0.26	8.95	1593.	50.	4.
1670	0000	-912	37.4572	80.9480		MH	0.9	2.4 +	7.8	2.69	0.31	8.77	1539.	50.	3.
1671	0000	-911	37.4572	80.9486		MH	0.9	2.6 +	7.5	3.04	0.35 +	8.74	1517.	49.	3.
1672	0000	-912	37.4572	80.9493		MH	0.8	2.4 +	7.5	2.87	0.32	8.84	1526.	50.	3.
1673	0000	-915	37.4572	80.9499		MH	0.9	2.6 +	7.6	2.96	0.34	8.64	1588.	51.	3.
1674	0000	-915	37.4572	80.9505		MH	0.9	2.8 ++	7.6	2.94	0.36 +	8.09	1641.	51.	4.
1675	0000	-916	37.4572	80.9512		MH	1.0	2.9 ++	7.5	2.78	0.38 +	7.29	1713.	50.	4.
1676	0000	-918	37.4572	80.9518		MH	1.2 +	2.9 ++	7.7	2.39	0.37 +	6.47 -	1809.	49.	5.
1677	0000	-920	37.4572	80.9525		MH	1.3 +	2.6 +	8.5 +	2.04	0.30	6.74	1871.	50.	5.
1678	0000	-920	37.4572	80.9531		MH	1.3 +	2.5 +	8.4 +	1.86	0.29	6.31 -	1893.	49.	6.
1679	0000	-920	37.4572	80.9538		MH	1.4 +	2.7 +	8.2 +	1.96	0.32	6.04 -	1898.	50.	6.
1680	0000	-921	37.4572	80.9544		MH	1.3 +	2.5 +	8.0	1.87	0.31	5.96 -	1847.	50.	7.
1681	0000	-921	37.4572	80.9550		MH	1.2 +	2.5 +	7.3	2.13	0.35 +	6.07 -	1747.	52.	8.
1682	0000	-920	37.4572	80.9556		MH	1.1	2.4 +	6.9	2.25	0.35 +	6.42 -	1629.	53.	8.
1683	0000	-920	37.4572	80.9563		MH	0.9	2.3 +	6.3	2.57	0.37 +	7.29	1479.	54.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-920	37.4572	80.9569	MH	0.8	2.2	5.5	2.88	0.39 +	7.32	1381.	54.	10.
1685	0000	-920	37.4572	80.9576	MH	0.7	1.9	5.5	2.82	0.35 +	8.17	1317.	54.	12.
1686	0000	-922	37.4572	80.9582	MH	0.6	1.6	5.4	2.71	0.30	8.92	1276.	53.	13.
1687	0000	-924	37.4572	80.9588	MH	0.6	1.7	5.5	2.85	0.31	9.12	1284.	53.	13.
1688	0000	-924	37.4572	80.9595	MH	0.7	1.5	6.0	2.09	0.25	8.44	1351.	51.	13.
1689	0000	-924	37.4572	80.9601	MH	0.8	1.4	6.4	1.89	0.22	8.53	1410.	52.	13.
1690	0000	-925	37.4572	80.9608	MH	0.8	1.5	6.7	1.85	0.22	8.48	1456.	51.	12.
1691	0000	-925	37.4572	80.9614	MH	0.8	1.6	6.8	1.95	0.23	8.34	1457.	50.	11.
1692	0000	-925	37.4572	80.9621	MH	0.8	1.8	7.0	2.20	0.25	8.69	1451.	52.	9.
1693	0000	-926	37.4572	80.9627	MH	0.8	2.0	7.1	2.68	0.29	9.40	1449.	50.	8.
1694	0000	-925	37.4572	80.9633	MH	0.7	1.9	6.8	2.60	0.27	9.48	1383.	50.	8.
1695	0000	-926	37.4572	80.9640	MH	0.6	2.0	6.6	3.15	0.31	10.30	1305.	50.	8.
1696	0000	-928	37.4572	80.9646	MH	0.6	2.1	6.2	3.40 +	0.33	10.27	1247.	49.	7.
1697	0000	-928	37.4572	80.9652	MH	0.6	2.0	5.9	3.55 +	0.34	10.39	1224.	52.	7.
1698	0000	-929	37.4572	80.9659	MH	0.6	2.1	6.3	3.46 +	0.34	10.33	1262.	52.	7.
1699	0000	-930	37.4572	80.9665	MH	0.6	2.2	6.3	3.58 +	0.35 +	10.37	1301.	51.	8.
1700	0000	-930	37.4573	80.9672	MH	0.7	2.2	6.5	3.20	0.33	9.60	1334.	55.	9.
1701	0000	-930	37.4573	80.9678	MH	0.7	2.2	6.6	3.07	0.34	9.14	1398.	54.	9.
1702	0000	-931	37.4573	80.9685	MH	0.8	2.1	6.6	2.71	0.32	8.50	1423.	55.	10.
1703	0000	-932	37.4573	80.9691	MH	0.8	1.9	6.6	2.39	0.29	8.35	1424.	55.	11.
1704	0000	-933	37.4573	80.9697	MH	0.9	1.6	6.6	1.90	0.25	7.67	1416.	54.	12.
1705	0000	-932	37.4573	80.9703	MH	0.8	1.5	6.2	1.79	0.24	7.44	1396.	54.	13.
1706	0000	-932	37.4573	80.9710	MH	0.9	1.3	6.1	1.57	0.22	7.08	1381.	54.	13.
1707	0000	-933	37.4573	80.9716	MH	0.8	1.3	6.0	1.62	0.22	7.44	1343.	51.	13.
1708	0000	-934	37.4573	80.9723	MH	0.8	1.3	6.0	1.66	0.21	7.78	1295.	52.	12.
1709	0000	-934	37.4573	80.9730	MH	0.8	1.1 -	6.2	1.45	0.18 -	7.98	1275.	55.	12.
1710	0000	-935	37.4573	80.9736	MH	0.7	1.3	6.2	1.79	0.21	8.60	1272.	59.	11.
1711	0000	-934	37.4573	80.9742	MH	0.6	1.4	6.4	2.16	0.22	9.92	1284.	59.	11.
1712	0000	-934	37.4573	80.9748	MH	0.6	1.4.	6.7	2.29	0.20	11.40 +	1271.	60.	11.
1713	0000	-936	37.4573	80.9755	MH	0.6	1.3	6.8	2.34	0.20 -	11.98 +	1250.	65.	12.
1714	0000	-937	37.4573	80.9761	MH	0.6	1.2 -	6.9	2.09	0.17 -	12.13 +	1257.	65.	13.
1715	0000	-936	37.4573	80.9768	MH	0.6	1.1 -	6.8	1.87	0.16 -	11.82 +	1285.	65.	15.
1716	0000	-937	37.4573	80.9774	MH	0.5 -	1.1 -	6.6	2.01	0.16 -	12.96 +	1297.	64.	17.
1717	0000	-938	37.4573	80.9780	MH	0.6	1.0 -	6.3	1.73	0.16 -	10.72	1313.	62.	18.
1718	0000	-938	37.4573	80.9787	MH	0.6	1.1 -	6.5	1.91	0.18 -	10.72	1300.	63.	18.
1719	0000	-938	37.4573	80.9793	MH	0.6	1.3	6.0	2.17	0.21	10.15	1279.	63.	18.
1720	0000	-938	37.4573	80.9799	MH	0.5 -	1.5	5.9	2.89	0.26	11.23 +	1258.	57.	17.
1721	0000	-938	37.4573	80.9805	MH	0.5 -	1.6	5.6	3.36 +	0.29	11.73 +	1221.	58.	16.
1722	0000	-939	37.4573	80.9812	MH	0.4 -	1.8	5.6	4.30 +	0.32	13.29 +	1189.	57.	14.
1723	0000	-940	37.4573	80.9819	MH	0.4 -	1.8	5.8	3.97 +	0.31	12.97 +	1193.	56.	12.
1724	0000	-940	37.4573	80.9825	MH	0.4 -	1.8	6.2	3.96 +	0.28	13.94 +	1194.	54.	10.
1725	0000	-940	37.4574	80.9832	MH	0.4 -	1.8	6.0	4.28 +	0.31	13.96 ++	1199.	55.	8.
1726	0000	-941	37.4574	80.9838	MH	0.5 -	1.8	6.1	3.59 +	0.30	11.89 +	1228.	55.	7.
1727	0000	-941	37.4574	80.9844	MH	0.6	1.8	6.2	3.20	0.29	11.02 +	1255.	56.	6.
1728	0000	-941	37.4574	80.9850	MH	0.6	1.9	6.6	3.27	0.29	11.19 +	1284.	55.	5.
1729	0000	-942	37.4574	80.9857	MH	0.6	2.0	6.5	3.17	0.31	10.35	1303.	55.	4.
1730	0000	-943	37.4574	80.9863	MH	0.6	2.1	6.4	3.58 +	0.33	10.89 +	1300.	56.	4.
1731	0000	-943	37.4574	80.9870	MH	0.6	2.1	6.4	3.51 +	0.33	10.76	1296.	58.	5.
1732	0000	-942	37.4574	80.9877	MH	0.7	1.8	6.6	2.60	0.26	9.82	1318.	57.	6.
1733	0000	-944	37.4574	80.9883	MH	0.6	1.8	6.9	2.79	0.26	10.66	1329.	55.	7.
1734	0000	-944	37.4574	80.9889	MH	0.7	1.6	6.8	2.29	0.24	9.74	1323.	55.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-944	37.4574	80.9895	MH	0.7	1.4	6.4	1.94	0.23	8.54	1328.	55.	9.
1736	0000	-946	37.4574	80.9902	MH	0.8	1.4	6.9	1.83	0.20	9.00	1350.	52.	9.
1737	0000	-947	37.4574	80.9908	MH	0.8	1.6	6.9	1.87	0.23	8.19	1378.	53.	8.
1738	0000	-946	37.4574	80.9915	MBP	0.8	1.7	6.5	2.09	0.26	7.93	1397.	51.	8.
1739	0000	-945	37.4574	80.9921	MBP	0.8	1.9	6.4	2.51	0.30	8.29	1385.	53.	6.
1740	0000	-945	37.4574	80.9927	MBP	0.8	2.1	6.3	2.77	0.33	8.40	1366.	55.	4.
1741	0000	-946	37.4574	80.9934	MBP	0.7	2.2 +	6.4	3.22	0.35	9.22	1363.	55.	3.
1742	0000	-946	37.4574	80.9940	MBP	0.7	2.2 +	6.7	3.12	0.33	9.39	1370.	56.	2.
1743	0000	-947	37.4574	80.9946	MBP	0.7	2.1	6.3	2.82	0.33	8.60	1366.	59.	2.
1744	0000	-947	37.4574	80.9953	MBP	0.7	1.9	6.8	2.64	0.28	9.46	1381.	58.	1.
1745	0000	-946	37.4574	80.9959	MBP	0.8	1.7	7.2	2.26	0.24	9.42	1396.	58.	1.
1746	0000	-945	37.4574	80.9966	MBP	0.8	1.6	7.4	2.04	0.22	9.34	1407.	57.	1.
1747	0000	-945	37.4574	80.9972	MBP	0.8	1.6	7.5 +	1.89	0.21	9.10	1434.	55.	1.
1748	0000	-944	37.4574	80.9979	MBP	0.9	1.4	7.5 +	1.53 -	0.19 -	8.19	1447.	58.	2.
1749	0000	-946	37.4574	80.9985	MBP	0.9	1.4	7.8 +	1.56 -	0.18 -	8.65	1450.	57.	2.
1750	0000	-946	37.4574	80.9991	MBP	0.9	1.4	7.7 +	1.58 -	0.18 -	8.60	1440.	55.	2.
1751	0000	-944	37.4574	80.9997	MBP	0.9	1.5	7.2	1.75	0.21	8.45	1405.	52.	1.
1752	0000	-945	37.4574	81.0004	MBP	0.8	1.8	7.0	2.13	0.25	8.50	1378.	54.	1.
1753	0000	-945	37.4574	81.0010	MBP	0.8	1.7	7.2	2.14	0.24	8.83	1378.	52.	1.
1754	0000	-946	37.4574	81.0017	MBP	0.9	1.6	7.1	1.90	0.23	8.22	1386.	52.	1.
1755	0000	-949	37.4574	81.0023	MBP	0.8	2.0	7.1	2.34	0.28	8.48	1402.	49.	1.
1756	0000	-950	37.4574	81.0030	MBP	0.9	2.0	6.7	2.27	0.30	7.61	1394.	51.	1.
1757	0000	-948	37.4574	81.0037	MBP	0.9	2.2 +	6.6	2.58	0.34	7.67	1395.	53.	1.
1758	0000	-947	37.4574	81.0042	MBP	0.9	2.4 +	6.5	2.67	0.36 +	7.34	1414.	56.	1.
1759	0000	-948	37.4574	81.0049	MBP	0.9	2.4 +	6.8	2.71	0.35	7.75	1445.	56.	1.
1760	0000	-948	37.4574	81.0055	MBP	0.9	2.8 ++	6.7	3.19	0.41 +	7.78	1470.	57.	1.
1761	0000	-947	37.4574	81.0062	MBP	0.8	2.9 ++	6.7	3.41 +	0.43 +	7.94	1468.	56.	0.
1762	0000	-948	37.4574	81.0068	MBP	0.8	2.7 ++	6.6	3.27	0.41 +	7.94	1467.	57.	1.
1763	0000	-949	37.4574	81.0074	MBP	0.7	2.9 ++	6.6	3.97 +	0.45 +	8.89	1466.	56.	1.
1764	0000	-950	37.4574	81.0081	MBP	0.7	2.8 ++	6.7	3.92 +	0.42 +	9.42	1463.	54.	2.
1765	0000	-951	37.4574	81.0087	MBP	0.7	2.6 ++	6.8	3.81 +	0.39 +	9.79	1436.	54.	3.
1766	0000	-949	37.4574	81.0094	MBP	0.7	2.5 +	6.4	3.72 +	0.39 +	9.65	1400.	51.	4.
1767	0000	-948	37.4574	81.0100	MBP	0.6	2.1	6.0	3.39 +	0.35	9.72	1345.	51.	5.
1768	0000	-949	37.4574	81.0106	MBP	0.5	2.1	5.9	3.82 +	0.36 +	10.67	1294.	53.	6.
1769	0000	-949	37.4574	81.0112	MBP	0.5	1.7	5.6	3.20	0.31	10.29	1235.	53.	7.
1770	0000	-948	37.4574	81.0119	MBP	0.6	1.5	5.2	2.75	0.29	9.34	1191.	53.	8.
1771	0000	-948	37.4574	81.0126	MBP	0.5	1.4	5.1	2.71	0.27	9.89	1143.	53.	9.
1772	0000	-948	37.4574	81.0132	MBP	0.5 -	1.4	4.8 -	2.89	0.29	9.85	1108.	53.	10.
1773	0000	-948	37.4574	81.0139	MBP	0.4 -	1.3	4.8 -	2.90	0.26	10.97 +	1057.	53.	11.
1774	0000	-948	37.4574	81.0144	MBP	0.4 -	1.0 -	4.6 -	2.42	0.23	10.66	1014.	54.	13.
1775	0000	-948	37.4574	81.0151	MBP	0.4 -	0.9 -	4.7 -	2.52	0.20 -	12.81 +	979.	52.	13.
1776	0000	-948	37.4575	81.0157	MBP	0.3 -	1.0 -	4.7 -	3.48 +	0.21	16.34 ++	951.	53.	14.
1777	0000	-947	37.4575	81.0164	MBP	0.3 -	0.8 -	4.9 -	2.98	0.17 -	17.82 +++	931.	54.	14.
1778	0000	-947	37.4575	81.0170	MBP	0.3 --	0.8 -	4.6 -	3.19	0.17 -	18.40 +++	911.	56.	14.
1779	0000	-946	37.4575	81.0177	MBP	0.2 --	0.6 --	4.9	2.69	0.13 --	21.17 +++	892.	56.	13.
1780	0000	-945	37.4575	81.0184	MBP	0.3 --	0.7 -	4.4 -	2.85	0.17 -	16.96 ++	882.	56.	12.
1781	0000	-944	37.4575	81.0190	MBP	0.2 --	1.1 -	4.7 -	5.54 ++	0.23	23.67 +++	863.	54.	10.
1782	0000	-946	37.4575	81.0195	MBP	0.2 --	1.4	4.4 -	6.57 ++	0.31	20.90 +++	863.	55.	8.
1783	0000	-952	37.4575	81.0202	MBP	0.3 -	1.3	4.4 -	4.83 +	0.29	16.49 ++	855.	55.	7.
1784	0000	-953	37.4575	81.0209	MBP	0.2 --	1.4	4.3 -	5.70 ++	0.33	17.33 ++	823.	54.	7.
1785	0000	-950	37.4575	81.0215	MBP	0.2 --	1.4	4.1 -	5.57 ++	0.33	16.69 ++	803.	52.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES							*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-950	37.4575	81.0222	MBP	0.3 --	1.6	3.7 -	6.21 ++	0.43 +	14.52 ++	779.	52.	6.
1787	0000	-950	37.4575	81.0228	MBP	0.2 --	1.6	3.7 -	6.39 ++	0.42 +	15.36 ++	768.	52.	6.
1788	0000	-949	37.4575	81.0234	MBP	0.3 -	1.4	3.2 --	4.66 +	0.42 +	11.17 +	758.	53.	8.
1789	0000	-949	37.4575	81.0240	MBP	0.3 -	1.0 -	3.1 --	2.96	0.31	9.62	737.	54.	9.
1790	0000	-950	37.4575	81.0247	MBP	0.2 --	1.2	3.2 --	4.98 ++	0.39 +	12.64 +	728.	53.	8.
1791	0000	-949	37.4575	81.0254	MBP	0.3 -	1.3	3.1 --	5.04 ++	0.42 +	12.01 +	737.	54.	8.
1792	0000	-949	37.4575	81.0259	MBP	0.3 --	1.3	3.1 --	5.10 ++	0.43 +	11.98 +	741.	55.	9.
1793	0000	-948	37.4575	81.0266	MBP	0.3 -	1.2 -	3.4 --	4.21 +	0.35 +	11.98 +	759.	53.	9.
1794	0000	-947	37.4575	81.0273	MBP	0.3 --	1.2	3.3 --	4.83 +	0.38 +	12.86 +	770.	56.	8.
1795	0000	-950	37.4575	81.0279	MBP	0.3 --	1.4	3.5 --	5.61 ++	0.40 +	14.07 ++	799.	55.	7.
1796	0000	-951	37.4575	81.0286	MBP	0.2 --	1.5	3.7 -	7.40 +++	0.40 +	18.36 +++	814.	56.	7.
1797	0000	-948	37.4575	81.0291	MBP	0.2 --	1.6	3.7 -	7.43 +++	0.42 +	17.85 +++	830.	57.	7.
1798	0000	-948	37.4575	81.0298	MBP	0.2 --	1.6	3.8 -	9.63 +++	0.43 +	22.53 +++	839.	55.	7.
1799	0000	-949	37.4575	81.0304	MBP	0.2 --	1.7	4.2 -	9.46 +++	0.40 +	23.49 +++	851.	55.	7.
1800	0000	-948	37.4575	81.0311	MBP	0.2 --	1.7	4.5 -	9.28 +++	0.38 +	24.37 +++	855.	56.	6.
1801	0000	-948	37.4575	81.0317	MBP	0.2 --	1.5	4.4 -	7.11 ++	0.35	20.42 +++	844.	57.	7.
1802	0000	-949	37.4575	81.0324	MBP	0.2 --	1.4	4.5 -	5.66 ++	0.30	18.71 +++	841.	56.	7.
1803	0000	-948	37.4575	81.0331	MBP	0.3 -	1.3	4.4 -	4.62 +	0.29	15.99 ++	845.	56.	7.
1804	0000	-948	37.4575	81.0337	MBP	0.3 -	1.1 -	4.5 -	4.02 +	0.25	15.94 ++	844.	56.	8.
1805	0000	-948	37.4575	81.0343	MBP	0.3 -	1.0 -	4.6 -	3.25	0.22	14.49 ++	849.	57.	8.
1806	0000	-947	37.4575	81.0349	MBP	0.3 -	0.8 -	4.3 -	2.57	0.20 -	13.09 +	858.	57.	9.
1807	0000	-947	37.4575	81.0356	MBP	0.3 -	0.9 -	4.3 -	3.15	0.21	15.04 ++	866.	58.	10.
1808	0000	-948	37.4575	81.0362	MBP	0.3 -	1.0 -	4.4 -	3.47 +	0.23	14.86 ++	897.	57.	10.
1809	0000	-949	37.4575	81.0369	MBP	0.3 -	1.2 -	4.3 -	4.28 +	0.28	15.32 ++	908.	57.	10.
1810	0000	-949	37.4575	81.0375	MBP	0.3 -	1.3	4.2 -	4.35 +	0.31	13.96 ++	908.	56.	10.
1811	0000	-947	37.4575	81.0381	MBP	0.3 -	1.4	4.0 -	4.48 +	0.34	13.27 +	912.	55.	9.
1812	0000	-947	37.4575	81.0388	MBP	0.3 -	1.4	4.1 -	4.73 +	0.33	14.25 ++	918.	55.	9.
1813	0000	-950	37.4575	81.0394	MBP	0.3 -	1.5	4.2 -	5.75 ++	0.37 +	15.67 ++	925.	55.	8.
1814	0000	-947	37.4575	81.0401	MBP	0.3 -	1.6	4.0 -	5.57 ++	0.41 +	13.66 +	941.	54.	8.
1815	0000	-945	37.4575	81.0407	MBP	0.3 --	1.7	3.8 -	6.53 ++	0.44 +	14.76 ++	937.	53.	7.
1816	0000	-948	37.4575	81.0413	MBP	0.2 --	1.6	3.7 -	6.80 ++	0.44 +	15.33 ++	926.	55.	6.
1817	0000	-948	37.4575	81.0420	MBP	0.2 --	1.7	3.9 -	7.85 +++	0.44 +	17.81 +++	932.	56.	6.
1818	0000	-946	37.4575	81.0426	MBP	0.2 --	1.8	3.9 -	8.25 +++	0.47 ++	17.47 +++	935.	56.	6.
1819	0000	-947	37.4575	81.0433	MBP	0.2 --	1.9	3.7 -	9.27 +++	0.52 ++	17.88 +++	933.	55.	5.
1820	0000	-948	37.4575	81.0439	MBP	0.2 --	1.8	3.7 -	8.42 +++	0.48 ++	17.61 +++	933.	54.	5.
1821	0000	-947	37.4575	81.0445	MBP	0.2 --	1.7	3.8 -	9.76 +++	0.44 +	22.03 +++	913.	53.	6.
1822	0000	-946	37.4575	81.0451	MBP	0.2 --	1.9	3.9 -	9.47 +++	0.48 ++	19.83 +++	916.	53.	6.
1823	0000	-946	37.4575	81.0458	MBP	0.2 --	2.0	3.9 -	9.75 +++	0.50 ++	19.32 +++	914.	51.	7.
1824	0000	-946	37.4575	81.0464	MBP	0.2 --	2.0	3.4 --	11.82 +++	0.59 ++	20.15 +++	895.	50.	7.
1825	0000	-945	37.4575	81.0471	MBP	0.2 --	1.8	3.5 --	8.23 +++	0.51 ++	16.07 ++	904.	51.	8.
1826	0000	-945	37.4576	81.0477	MBP	0.3 -	1.8	3.8 -	6.08 ++	0.47 ++	13.03 +	923.	49.	9.
1827	0000	-947	37.4576	81.0484	MBP	0.3 -	1.9	4.0 -	6.38 ++	0.48 ++	13.39 +	961.	48.	9.
1828	0000	-947	37.4576	81.0490	MBP	0.3 -	2.1	4.2 -	6.05 ++	0.49 ++	12.28 +	1002.	49.	9.
1829	0000	-946	37.4576	81.0496	MH	0.3 -	2.1	4.7 -	6.44 ++	0.45 +	14.44 ++	1032.	51.	9.
1830	0000	-946	37.4576	81.0503	MH	0.4 -	2.1	4.7 -	5.94 ++	0.45 ++	13.11 +	1085.	55.	10.
1831	0000	-947	37.4576	81.0509	MH	0.4 -	2.2	5.2 -	5.73 ++	0.42 +	13.51 +	1161.	56.	11.
1832	0000	-948	37.4576	81.0516	MH	0.4 -	2.3 +	5.5	5.80 ++	0.43 +	13.56 +	1210.	55.	11.
1833	0000	-947	37.4576	81.0522	MH	0.4 -	2.6 +	5.5	7.40 ++	0.48 ++	15.36 ++	1223.	57.	10.
1834	0000	-948	37.4576	81.0528	MH	0.4 -	2.8 ++	5.2 -	7.86 +++	0.55 ++	14.38 ++	1212.	58.	9.
1835	0000	-948	37.4576	81.0535	MH	0.3 -	2.9 ++	5.0 -	8.55 +++	0.58 ++	14.78 ++	1197.	56.	9.
1836	0000	-946	37.4576	81.0541	MH	0.4 -	2.8 ++	4.6 -	7.49 ++	0.61 +++	12.35 +	1191.	54.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES									*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-945	37.4576	81.0548	MH	0.3 -	2.6 +	4.8 -	7.68 ++	0.55 ++	14.08 ++	1162.	52.	9.
1838	0000	-948	37.4576	81.0554	MH	0.3 -	2.4 +	4.6 -	7.11 ++	0.52 ++	13.65 +	1115.	50.	8.
1839	0000	-948	37.4576	81.0560	MH	0.3 -	2.3 +	4.4 -	7.15 ++	0.52 ++	13.65 +	1083.	51.	8.
1840	0000	-948	37.4576	81.0567	MH	0.3 -	2.0	4.5 -	5.83 ++	0.44 +	13.15 +	1093.	50.	9.
1841	0000	-947	37.4576	81.0573	MH	0.4 -	1.9	4.6 -	5.48 ++	0.42 +	13.15 +	1093.	50.	9.
1842	0000	-945	37.4576	81.0580	MH	0.4 -	1.7	5.0 -	3.99 +	0.34 +	11.60 +	1123.	52.	10.
1843	0000	-947	37.4576	81.0586	MH	0.4 -	1.9	5.5	4.37 +	0.34	12.85 +	1162.	52.	10.
1844	0000	-948	37.4576	81.0592	MH	0.5 -	1.8	5.6	3.46 +	0.32	10.74	1210.	50.	11.
1845	0000	-945	37.4576	81.0598	MH	0.6	1.7	5.9	3.06	0.29	10.50	1246.	50.	12.
1846	0000	-945	37.4576	81.0605	MH	0.6	1.7	6.0	2.99	0.29	10.48	1281.	49.	13.
1847	0000	-947	37.4576	81.0611	MH	0.6	1.8	5.8	2.88	0.31	9.18	1328.	49.	14.
1848	0000	-946	37.4576	81.0618	MH	0.7	2.0	6.0	2.78	0.33	8.50	1407.	50.	15.
1849	0000	-947	37.4576	81.0624	MH	0.8	2.1	6.0	2.61	0.34	7.66	1505.	51.	16.
1850	0000	-946	37.4576	81.0631	MH	0.9	2.2 +	6.5	2.57	0.35 +	7.40	1616.	53.	16.
1851	0000	-942	37.4576	81.0637	MH	1.0	2.5 +	6.9	2.61	0.37 +	7.09	1732.	53.	16.
1852	0000	-941	37.4576	81.0643	MH	1.1	2.8 ++	7.2	2.57	0.39 +	6.57	1865.	52.	16.
1853	0000	-942	37.4576	81.0650	MH	1.2 +	2.9 ++	7.7	2.36	0.38 +	6.22 -	1966.	53.	14.
1854	0000	-941	37.4576	81.0656	MH	1.3 +	3.1 ++	8.2 +	2.45	0.38 +	6.50 -	2011.	55.	13.
1855	0000	-941	37.4576	81.0662	MH	1.3 +	2.9 ++	8.4 +	2.22	0.35 +	6.37 -	2022.	54.	12.
1856	0000	-942	37.4575	81.0668	MH	1.2 +	3.1 ++	8.6 +	2.51	0.36 +	7.03	1974.	54.	9.
1857	0000	-942	37.4575	81.0674	MH	1.2 +	2.8 ++	7.9	2.41	0.36 +	6.74	1858.	51.	9.
1858	0000	-942	37.4575	81.0681	MBP	1.1 +	2.6 ++	7.6 +	2.49	0.35	7.20	1725.	55.	7.
1859	0000	-944	37.4575	81.0686	MBP	0.9	2.6 +	7.3	2.84	0.36 +	7.95	1590.	56.	4.
1860	0000	-943	37.4575	81.0693	MBP	0.8	2.8 ++	7.0	3.67 +	0.40 +	9.19	1484.	56.	3.
1861	0000	-941	37.4575	81.0699	MBP	0.7	2.4 +	6.5	3.24	0.37 +	8.78	1424.	56.	3.
1862	0000	-941	37.4575	81.0705	MBP	0.7	2.4 +	6.4	3.48 +	0.38 +	9.21	1369.	59.	2.
1863	0000	-943	37.4575	81.0711	MBP	0.7	2.2 +	6.2	3.08	0.35	8.86	1334.	60.	2.
1864	0000	-943	37.4575	81.0717	MBP	0.7	1.9	6.6	2.57	0.29	8.83	1334.	60.	2.
1865	0000	-941	37.4575	81.0724	MBP	0.7	2.0	6.8	2.78	0.30	9.21	1354.	59.	3.
1866	0000	-940	37.4574	81.0729	MBP	0.8	2.0	7.2	2.51	0.27	9.17	1382.	59.	4.
1867	0000	-941	37.4574	81.0736	MBP	0.8	1.7	7.3	2.07	0.24	8.78	1380.	60.	4.
1868	0000	-944	37.4574	81.0742	MBP	0.8	1.9	7.6 +	2.38	0.25	9.69	1383.	59.	4.
1869	0000	-944	37.4574	81.0749	MBP	0.8	2.0	7.6 +	2.56	0.27	9.59	1397.	57.	4.
1870	0000	-942	37.4573	81.0754	MBP	0.8	2.1	7.8 +	2.68	0.27	9.90	1417.	55.	4.
1871	0000	-942	37.4573	81.0760	MBP	0.8	2.3 +	7.7 +	2.93	0.29	9.97	1434.	56.	4.
1872	0000	-944	37.4573	81.0767	MBP	0.8	2.1 +	7.5 +	2.84	0.28	10.02	1425.	56.	4.
1873	0000	-943	37.4573	81.0773	MBP	0.8	2.1	7.2	2.81	0.30	9.52	1416.	55.	4.
1874	0000	-943	37.4574	81.0779	MBP	0.7	2.2 +	7.2	3.08	0.30	10.23	1410.	54.	5.
1875	0000	-944	37.4573	81.0785	MBP	0.7	2.2 +	6.7	3.06	0.33	9.27	1403.	55.	6.
1876	0000	-943	37.4573	81.0792	MBP	0.6	2.1	6.4	3.20	0.32	9.91	1387.	55.	6.
1877	0000	-942	37.4573	81.0797	MBP	0.6	2.2 +	6.1	3.47 +	0.36 +	9.59	1378.	55.	7.
1878	0000	-943	37.4573	81.0804	MBP	0.6	2.3 +	6.1	3.83 +	0.37 +	10.37	1362.	56.	6.
1879	0000	-943	37.4573	81.0810	MBP	0.6	2.2 +	6.0	3.46 +	0.36 +	9.51	1374.	57.	6.
1880	0000	-942	37.4572	81.0816	MBP	0.6	2.5 +	6.1	3.91 +	0.41 +	9.49	1402.	57.	5.
1881	0000	-942	37.4572	81.0823	MBP	0.7	2.5 +	6.5	3.76 +	0.39 +	9.72	1452.	58.	4.
1882	0000	-942	37.4572	81.0828	MBP	0.7	2.5 +	6.8	3.72 +	0.37 +	10.08	1473.	58.	4.
1883	0000	-943	37.4572	81.0835	MBP	0.7	2.4 +	7.3	3.30	0.33	9.89	1498.	57.	4.
1884	0000	-945	37.4572	81.0840	MBP	0.7	2.3 +	7.4	3.13	0.31	10.09	1508.	55.	4.
1885	0000	-945	37.4572	81.0847	MBP	0.8	2.3 +	7.6 +	3.04	0.30	10.06	1507.	54.	6.
1886	0000	-944	37.4572	81.0854	MBP	0.7	2.4 +	7.7 +	3.34	0.31	10.87	1503.	53.	7.
1887	0000	-941	37.4572	81.0859	MBP	0.7	2.1	7.9 +	3.04	0.26	11.48 +	1501.	53.	9.

CP 9 LP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-941	37.4572	81.0866	MBP	0.7	2.2 +	7.6 +	3.12	0.28	10.97 +	1499.	53.	11.
1889	0000	-943	37.4571	81.0872	MBP	0.7	1.9	8.0 +	2.84	0.24	12.09 +	1479.	53.	12.
1890	0000	-943	37.4571	81.0878	MBP	0.6	1.9	7.6 +	3.03	0.25	12.10 +	1469.	54.	12.
1891	0000	-943	37.4571	81.0884	MBP	0.7	2.0	7.5 +	3.05	0.26	11.56 +	1461.	55.	12.
1892	0000	-946	37.4571	81.0890	MBP	0.7	1.8	7.5 +	2.62	0.25	10.62	1466.	57.	11.
1893	0000	-944	37.4571	81.0897	MBP	0.7	2.1	7.2	2.83	0.29	9.80	1476.	57.	9.
1894	0000	-943	37.4570	81.0903	MBP	0.8	2.1 +	6.8	2.85	0.32	8.99	1447.	56.	7.
1895	0000	-944	37.4570	81.0909	MBP	0.7	2.2 +	6.4	3.05	0.35	8.84	1409.	54.	5.
1896	0000	-943	37.4570	81.0915	MBP	0.7	2.5 +	6.1	3.45 +	0.41 +	8.37	1406.	53.	4.
1897	0000	-943	37.4570	81.0921	MBP	0.7	2.6 ++	6.2	3.66 +	0.43 +	8.60	1398.	52.	2.
1898	0000	-943	37.4570	81.0927	MBP	0.7	2.7 ++	5.9	3.73 +	0.45 +	8.37	1387.	52.	2.
1899	0000	-941	37.4570	81.0934	MBP	0.7	2.8 ++	5.6	3.96 +	0.50 ++	7.99	1381.	50.	2.
1900	0000	-941	37.4570	81.0940	MBP	0.7	2.6 +	5.7	3.68 +	0.45 +	8.16	1365.	49.	2.
1901	0000	-942	37.4570	81.0946	MBP	0.7	2.5 +	5.7	3.66 +	0.44 +	8.39	1364.	48.	3.
1902	0000	-940	37.4570	81.0952	MBP	0.8	2.1	6.1	2.80	0.35	8.00	1377.	50.	4.
1903	0000	-941	37.4569	81.0958	MBP	0.8	2.1	5.7	2.78	0.37 +	7.51	1377.	50.	4.
1904	0000	-942	37.4569	81.0964	MBP	0.8	2.0	5.6	2.51	0.35	7.19	1384.	52.	5.
1905	0000	-941	37.4569	81.0970	MBP	0.8	1.8	6.0	2.18	0.30	7.23	1416.	53.	6.
1906	0000	-941	37.4569	81.0977	MBP	0.9	1.7	6.5	2.00	0.27	7.51	1460.	51.	7.
1907	0000	-941	37.4569	81.0984	MBP	0.8	2.0	6.7	2.32	0.29	7.89	1502.	51.	7.
1908	0000	-940	37.4569	81.0989	MBP	0.9	2.1	6.5	2.44	0.32	7.63	1524.	52.	8.
1909	0000	-939	37.4569	81.0995	MBP	0.8	2.4 +	6.6	2.88	0.36 +	7.94	1555.	49.	9.
1910	0000	-941	37.4569	81.1002	MBP	0.8	2.5 +	7.0	3.02	0.35 +	8.53	1584.	49.	9.
1911	0000	-942	37.4568	81.1008	MBP	0.8	2.6 +	6.9	3.09	0.38 +	8.24	1617.	47.	10.
1912	0000	-942	37.4568	81.1013	MBP	0.8	2.9 ++	6.7	3.84 +	0.44 +	8.79	1622.	47.	10.
1913	0000	-941	37.4568	81.1020	MBP	0.7	3.4 +++	6.4	4.96 ++	0.54 ++	9.20	1610.	49.	9.
1914	0000	-939	37.4568	81.1027	MBP	0.7	3.5 +++	6.2	4.96 ++	0.56 ++	8.81	1603.	50.	9.
1915	0000	-941	37.4568	81.1032	MBP	0.7	3.7 +++	6.4	5.47 ++	0.58 ++	9.40	1603.	52.	8.
1916	0000	-942	37.4568	81.1039	MBP	0.6	4.0 +++	5.9	6.73 ++	0.68 +++	9.91	1574.	53.	7.
1917	0000	-941	37.4567	81.1045	MBP	0.6	3.9 +++	5.5	6.20 ++	0.71 +++	8.78	1544.	54.	7.
1918	0000	-942	37.4567	81.1051	MBP	0.5	3.9 +++	5.7	7.11 ++	0.69 +++	10.34	1489.	57.	6.
1919	0000	-944	37.4567	81.1057	MBP	0.6	3.8 +++	5.3	6.76 ++	0.71 +++	9.59	1457.	56.	6.
1920	0000	-943	37.4567	81.1063	MBP	0.6	3.4 +++	5.8	6.05 ++	0.58 ++	10.41	1430.	54.	6.
1921	0000	-941	37.4567	81.1070	MBP	0.5	3.2 +++	5.7	5.99 ++	0.57 ++	10.54	1404.	53.	7.
1922	0000	-943	37.4567	81.1075	MBP	0.5	2.9 ++	5.9	5.40 ++	0.49 ++	10.99 +	1382.	54.	9.
1923	0000	-943	37.4567	81.1082	MBP	0.5	2.8 ++	6.0	5.05 ++	0.46 +	10.93	1374.	55.	9.
1924	0000	-942	37.4567	81.1088	MBP	0.5	3.1 +++	6.0	5.94 ++	0.51 ++	11.64 +	1392.	55.	10.
1925	0000	-942	37.4567	81.1094	MBP	0.6	3.0 ++	5.9	5.25 ++	0.50 ++	10.42	1457.	54.	11.
1926	0000	-942	37.4567	81.1100	MBP	0.6	2.9 ++	6.2	4.79 +	0.47 ++	10.24	1516.	54.	12.
1927	0000	-943	37.4566	81.1107	MBP	0.6	3.1 +++	6.0	4.87 +	0.52 ++	9.38	1581.	55.	13.
1928	0000	-943	37.4566	81.1113	MBP	0.7	2.9 ++	6.3	3.94 +	0.46 +	8.63	1652.	56.	13.
1929	0000	-939	37.4566	81.1119	MBP	0.8	3.1 +++	6.9	3.77 +	0.45 +	8.37	1769.	52.	13.
1930	0000	-940	37.4566	81.1125	MBP	0.9	3.1 +++	7.8 +	3.43 +	0.40 +	8.60	1867.	52.	12.
1931	0000	-943	37.4566	81.1131	MBP	1.0 +	3.0 ++	8.5 +	2.97	0.35	8.57	1951.	50.	11.
1932	0000	-940	37.4566	81.1138	MBP	1.1 +	3.1 +++	8.9 ++	2.91	0.35	8.40	1985.	49.	10.
1933	0000	-940	37.4566	81.1144	MBP	1.1 +	2.9 ++	9.4 ++	2.53	0.31	8.24	2007.	50.	10.
1934	0000	-941	37.4566	81.1150	MBP	1.2 +	2.6 ++	9.7 ++	2.25	0.27	8.30	2011.	50.	10.
1935	0000	-940	37.4566	81.1156	MBP	1.2 +	2.6 ++	9.6 ++	2.23	0.27	8.24	1994.	48.	9.
1936	0000	-941	37.4565	81.1162	MBP	1.1 +	2.5 +	9.1 ++	2.24	0.27	8.27	1900.	49.	9.
1937	0000	-942	37.4565	81.1169	MBP	1.0 +	2.4 +	7.8 +	2.26	0.30	7.48	1804.	49.	10.
1938	0000	-940	37.4565	81.1174	MBP	1.0	2.1	7.1	2.18	0.30	7.26	1678.	51.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-941	37.4565	81.1181	MBP	0.9	2.0	6.4	2.29	0.31	7.38	1557.	50.	11.
1940	0000	-941	37.4565	81.1187	MBP	0.8	2.0	5.8	2.57	0.34	7.55	1453.	49.	11.
1941	0000	-940	37.4564	81.1193	MBP	0.7	2.0	5.4	2.82	0.37 +	7.53	1369.	51.	10.
1942	0000	-941	37.4564	81.1199	MBP	0.6	2.0	5.2	3.16	0.37 +	8.43	1305.	53.	10.
1943	0000	-943	37.4564	81.1205	MBP	0.6	1.9	5.4	3.08	0.36 +	8.61	1285.	52.	10.
1944	0000	-943	37.4564	81.1212	MBP	0.6	1.8	5.9	2.73	0.30	9.07	1279.	53.	9.
1945	0000	-942	37.4564	81.1217	MBP	0.6	2.0	6.4	3.22	0.32	10.06	1312.	53.	8.
1946	0000	-943	37.4564	81.1224	MBP	0.7	2.3 +	6.8	3.41 +	0.34	10.06	1376.	54.	8.
1947	0000	-944	37.4564	81.1230	MBP	0.7	2.4 +	6.9	3.54 +	0.34	10.35	1424.	55.	8.
1948	0000	-942	37.4564	81.1237	MBP	0.7	2.2 +	7.3	3.21	0.31	10.38	1470.	55.	9.
1949	0000	-941	37.4564	81.1243	MBP	0.7	2.5 +	7.7 +	3.62 +	0.32	11.15 +	1523.	54.	9.
1950	0000	-943	37.4563	81.1248	MBP	0.7	2.5 +	8.1 +	3.57 +	0.32	11.33 +	1582.	55.	10.
1951	0000	-944	37.4563	81.1255	MBP	0.8	2.3 +	8.0 +	2.96	0.28	10.44	1612.	54.	12.
1952	0000	-942	37.4563	81.1261	MBP	0.8	2.1	7.8 +	2.75	0.27	10.22	1626.	52.	12.
1953	0000	-942	37.4563	81.1267	MBP	0.7	1.7	7.6 +	2.32	0.22	10.41	1589.	53.	13.
1954	0000	-943	37.4563	81.1274	MBP	0.7	1.7	7.7 +	2.28	0.22	10.59	1547.	55.	13.
1955	0000	-943	37.4563	81.1280	MBP	0.7	1.8	7.6 +	2.70	0.24	11.26 +	1510.	52.	13.
1956	0000	-941	37.4563	81.1286	MBP	0.7	1.6	7.3	2.29	0.22	10.29	1460.	54.	12.
1957	0000	-941	37.4563	81.1292	MBP	0.7	1.7	6.9	2.48	0.24	10.32	1409.	57.	12.
1958	0000	-941	37.4563	81.1298	MBP	0.6	2.2 +	7.2	3.87 +	0.31	12.48 +	1393.	56.	10.
1959	0000	-941	37.4562	81.1304	MBP	0.6	2.2 +	7.2	3.84 +	0.30	12.60 +	1367.	58.	9.
1960	0000	-941	37.4562	81.1310	MBP	0.6	2.1 +	7.2	3.75 +	0.30	12.66 +	1354.	58.	9.
1961	0000	-940	37.4562	81.1317	MBP	0.5	2.2 +	7.1	3.99 +	0.31	12.91 +	1354.	56.	9.
1962	0000	-941	37.4562	81.1323	MBP	0.6	2.1	6.8	3.80 +	0.31	12.32 +	1352.	59.	8.
1963	0000	-942	37.4562	81.1329	MBP	0.5	2.2 +	6.5	4.25 +	0.34	12.65 +	1368.	58.	8.
1964	0000	-944	37.4561	81.1335	MBP	0.6	2.2 +	6.6	3.91 +	0.34	11.56 +	1387.	57.	8.
1965	0000	-944	37.4561	81.1342	MBP	0.6	2.1 +	6.5	3.42 +	0.33	10.43	1412.	58.	8.
1966	0000	-942	37.4561	81.1347	MBP	0.7	2.0	6.5	3.08	0.31	9.93	1418.	58.	7.
1967	0000	-942	37.4561	81.1354	MBP	0.7	2.2 +	6.5	3.40 +	0.35	9.81	1422.	56.	6.
1968	0000	-945	37.4561	81.1360	MBP	0.7	2.2 +	6.4	3.27	0.35 +	9.31	1421.	58.	5.
1969	0000	-943	37.4561	81.1366	MBP	0.7	2.4 +	6.4	3.24	0.37 +	8.68	1415.	56.	4.
1970	0000	-942	37.4561	81.1373	MBP	0.7	2.4 +	6.3	3.20	0.38 +	8.53	1401.	57.	3.
1971	0000	-944	37.4561	81.1378	MBP	0.7	2.3 +	6.2	3.33	0.38 +	8.77	1366.	56.	2.
1972	0000	-945	37.4561	81.1385	MBP	0.7	2.2 +	6.1	3.20	0.36 +	8 83	1308.	58.	1.
1973	0000	-943	37.4560	81.1391	MBP	0.7	2.3 +	5.7	3.37 +	0.40 +	8.38	1273.	58.	1.
1974	0000	-942	37.4560	81.1397	MBP	0.7	2.3 +	5.7	3.17	0.39 +	8.07	1275.	58.	0.
1975	0000	-942	37.4560	81.1404	MBP	0.7	2.5 +	5.8	3.47 +	0.43 +	7.97	1294.	56.	0.
1976	0000	-943	37.4560	81.1409	MBP	0.7	2.5 +	6.3	3.53 +	0.40 +	8.93	1351.	54.	0.
1977	0000	-942	37.4560	81.1416	MBP	0.8	2.6 +	6.4	3.17	0.40 +	7.92	1415.	53.	1.
1978	0000	-944	37.4560	81.1422	MBP	0.9	2.4 +	6.5	2.85	0.37 +	7.63	1466.	53.	2.
1979	0000	-945	37.4560	81.1428	MBP	0.9	2.6 +	6.5	3.01	0.40 +	7.60	1502.	53.	3.
1980	0000	-942	37.4560	81.1434	MBP	0.9	2.4 +	6.6	2.77	0.37 +	7.47	1534.	52.	4.
1981	0000	-940	37.4560	81.1440	MBP	0.9	2.3 +	6.6	2.65	0.34	7.69	1545.	52.	6.
1982	0000	-942	37.4560	81.1447	MBP	0.8	2.4 +	6.7	2.90	0.36 +	8.02	1571.	52.	7.
1983	0000	-943	37.4559	81.1452	MBP	0.8	2.3 +	6.6	2.77	0.35 +	7.88	1591.	52.	8.
1984	0000	-941	37.4559	81.1459	MBP	0.8	2.6 ++	7.1	3.46 +	0.37 +	9.43	1627.	52.	9.
1985	0000	-941	37.4559	81.1465	MBP	0.8	2.6 +	7.3	3.09	0.35	8.80	1682.	51.	9.
1986	0000	-943	37.4559	81.1472	MBP	0.9	2.4 +	7.4	2.73	0.33	8.39	1748.	48.	10.
1987	0000	-944	37.4559	81.1477	MBP	0.9	2.6 ++	7.4	2.94	0.35	8.40	1780.	50.	10.
1988	0000	-944	37.4559	81.1483	MBP	0.9	2.8 ++	7.5 +	3.15	0.38 +	8.34	1802.	51.	9.
1989	0000	-944	37.4559	81.1490	MBP	0.9	2.4 +	7.4	2.60	0.32	8.08	1779.	49.	10.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140; DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-943	37.4559	81.1496		MBP	0.9	2.3 +	7.2	2.56	0.31	8.14	1702.	52.	10.
1991	0000	-942	37.4559	81.1502		MBP	0.8	1.9	7.0	2.21	0.27	8.25	1603.	52.	11.
1992	0000	-941	37.4558	81.1508		MBP	0.8	1.9	6.4	2.50	0.29	8.49	1521.	54.	11.
1993	0000	-943	37.4558	81.1515		MBP	0.7	2.1	6.8	2.99	0.31	9.60	1479.	56.	11.
1994	0000	-944	37.4558	81.1520		MBP	0.7	2.1	7.3	2.90	0.29	10.05	1476.	54.	10.
1995	0000	-945	37.4558	81.1527		MBP	0.7	2.1	7.5 +	2.90	0.27	10.56	1460.	53.	10.
1996	0000	-944	37.4558	81.1533		MBP	0.7	2.2 +	7.9 +	2.95	0.28	10.53	1485.	54.	8.
1997	0000	-942	37.4557	81.1539		MBP	0.8	2.4 +	7.9 +	2.93	0.30	9.81	1530.	53.	7.
1998	0000	-942	37.4557	81.1545		MBP	0.9	2.4 +	7.5 +	2.81	0.32	8.75	1554.	53.	6.
1999	0000	-943	37.4557	81.1551		MBP	0.8	2.5 +	8.5 +	3.05	0.30	10.26	1577.	52.	4.
2000	0000	-944	37.4557	81.1558		MBP	0.9	2.4 +	8.2 +	2.75	0.29	9.39	1573.	54.	3.
2001	0000	-942	37.4557	81.1563		MBP	0.9	2.3 +	7.9 +	2.63	0.29	9.08	1560.	55.	2.
2002	0000	-941	37.4557	81.1569		MBP	0.9	2.2 +	7.7 +	2.52	0.29	8.78	1569.	57.	2.
2003	0000	-944	37.4557	81.1575		MBP	0.8	2.1	7.6 +	2.45	0.27	9.08	1548.	56.	2.
2004	0000	-943	37.4557	81.1581		MBP	0.8	2.1	7.5	2.67	0.28	9.60	1524.	56.	2.
2005	0000	-940	37.4556	81.1587		MBP	0.7	2.1	7.6 +	2.83	0.28	10.17	1512.	57.	3.
2006	0000	-941	37.4556	81.1592		MBP	0.8	2.1	7.1	2.58	0.29	8.95	1501.	57.	4.
2007	0000	-943	37.4556	81.1598		MBP	0.8	1.9	7.0	2.47	0.27	9.18	1487.	53.	6.
2008	0000	-943	37.4556	81.1604		MBP	0.7	1.9	7.1	2.63	0.26	9.98	1482.	51.	7.
2009	0000	-942	37.4556	81.1610		MBP	0.7	2.0	7.3	2.80	0.27	10.40	1484.	50.	8.
2010	0000	-942	37.4556	81.1615		MBP	0.7	2.1	7.2	2.82	0.29	9.81	1501.	50.	9.
2011	0000	-943	37.4555	81.1621		MBP	0.8	2.1 +	7.2	2.76	0.30	9.34	1528.	50.	9.
2012	0000	-944	37.4555	81.1626		MBP	0.8	2.1	7.3	2.64	0.29	9.19	1532.	50.	9.
2013	0000	-945	37.4555	81.1632		MBP	0.8	2.0	6.9	2.62	0.29	9.07	1478.	51.	9.
2014	0000	-944	37.4555	81.1638		MBP	0.7	2.1	6.9	2.95	0.31	9.56	1426.	52.	8.
2015	0000	-943	37.4554	81.1644		MBP	0.7	2.1	6.5	2.83	0.31	9.00	1375.	53.	7.
2016	0000	-944	37.4554	81.1649		MBP	0.7	2.0	5.9	2.74	0.33	8.30	1310.	53.	6.
2017	0000	-944	37.4554	81.1655		MBP	0.7	2.0	5.8	3.06	0.35	8.81	1236.	53.	5.
2018	0000	-941	37.4554	81.1660		MBP	0.6	1.8	5.4	3.09	0.34	9.07	1146.	53.	4.
2019	0000	-939	37.4554	81.1667		MBP	0.6	1.7	5.0	3.08	0.34	9.14	1077.	54.	3.
2020	0000	-941	37.4554	81.1672		MBP	0.5 -	1.9	4.8 -	3.82 +	0.39 +	9.71	1052.	52.	2.
2021	0000	-943	37.4553	81.1678		MBP	0.5 -	1.8	4.5 -	3.90 +	0.41 +	9.47	1028.	54.	2.
2022	0000	-941	37.4553	81.1683		PPP	0.5 --	1.9	4.5 -	4.22 ++	0.43 +	9.75 ++	1019.	54.	0.
2023	0000	-939	37.4553	81.1689		PPP	0.4 --	2.1	4.4 -	4.99 +++	0.48 ++	10.50 ++	1018.	54.	1.
2024	0000	-941	37.4553	81.1694		PPP	0.4 --	2.1	4.3 -	5.31 +++	0.50 ++	10.72 ++	1019.	55.	2.
2025	0000	-941	37.4552	81.1700		PPP	0.4 --	2.0	4.4 -	4.95 +++	0.46 +	10.82 ++	1016.	56.	2.
2026	0000	-940	37.4552	81.1706		PPP	0.4 --	2.0	4.3 -	4.48 ++	0.47 ++	9.62 ++	1029.	55.	3.
2027	0000	-940	37.4552	81.1712		PPP	0.4 --	2.0	4.4 -	4.72 +++	0.45 +	10.44 ++	1037.	56.	4.
2028	0000	-939	37.4552	81.1718		MBP	0.4 -	1.9	4.3 -	4.61 +	0.45 +	10.37	1036.	56.	4.
2029	0000	-940	37.4552	81.1723		MBP	0.4 -	1.9	4.7 -	4.48 +	0.41 +	11.04 +	1043.	57.	5.
2030	0000	-939	37.4552	81.1729		MBP	0.5 -	1.9	4.9 -	4.19 +	0.39 +	10.77	1057.	55.	5.
2031	0000	-937	37.4551	81.1735		MBP	0.5 -	1.9	4.9	3.76 +	0.38 +	9.87	1067.	55.	4.
2032	0000	-939	37.4551	81.1741		MBP	0.5 -	2.1	5.2	4.34 +	0.39 +	11.08 +	1095.	55.	4.
2033	0000	-940	37.4551	81.1746		MBP	0.4 -	2.4 +	5.3	5.73 ++	0.45 +	12.67 +	1104.	54.	4.
2034	0000	-938	37.4550	81.1752		MBP	0.5 -	2.2 +	5.7	4.79 +	0.39 +	12.32 +	1102.	52.	4.
2035	0000	-939	37.4550	81.1757		MBP	0.5 -	2.2 +	5.8	4.72 +	0.38 +	12.47 +	1103.	53.	4.
2036	0000	-940	37.4550	81.1763		MBP	0.4 -	2.1	5.3	4.96 ++	0.40 +	12.49 +	1084.	53.	5.
2037	0000	-938	37.4550	81.1769		MBP	0.4 -	1.8	5.4	4.14 +	0.34	12.17 +	1069.	54.	6.
2038	0000	-940	37.4550	81.1775		MBP	0.4 -	1.7	5.2	4.17 +	0.33	12.63 +	1066.	54.	8.
2039	0000	-942	37.4550	81.1780		MBP	0.5 -	1.6	5.0	3.41 +	0.32	10.65	1069.	55.	9.
2040	0000	-940	37.4550	81.1786		MBP	0.5	1.2 -	5.3	2.28	0.22	10.27	1118.	56.	12.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG -	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-940	37.4549	81.1792	MBP	0.6	1.3	5.4	1.98	0.23	8.42	1211.	54.	12.
2042	0000	-941	37.4549	81.1798	MBP	0.6	1.3	5.5	2.09	0.24	8.55	1289.	53.	13.
2043	0000	-940	37.4549	81.1803	MBP	0.7	1.6	6.2	2.24	0.25	8.78	1377.	54.	13.
2044	0000	-940	37.4549	81.1808	MBP	0.8	1.7	6.9	2.25	0.25	9.07	1461.	53.	12.
2045	0000	-941	37.4549	81.1814	MBP	0.8	1.9	7.1	2.35	0.27	8.83	1528.	53.	12.
2046	0000	-940	37.4549	81.1820	MBP	0.9	2.2 +	6.9	2.61	0.32	8.06	1584.	53.	11.
2047	0000	-940	37.4549	81.1825	MBP	0.8	2.5 +	6.8	3.05	0.37 +	8.20	1594.	52.	9.
2048	0000	-940	37.4548	81.1832	MBP	0.7	2.7 ++	6.9	3.72 +	0.40 +	9.38	1567.	52.	7.
2049	0000	-939	37.4548	81.1837	MBP	0.8	2.7 ++	7.2	3.41 +	0.38 +	9.00	1557.	53.	6.
2050	0000	-940	37.4548	81.1843	MBP	0.8	2.6 +	6.7	3.18	0.38 +	8.26	1532.	52.	6.
2051	0000	-941	37.4548	81.1849	MBP	0.8	2.6 ++	6.2	3.36 +	0.43 +	7.87	1484.	53.	5.
2052	0000	-939	37.4548	81.1854	MBP	0.8	2.5 +	6.2	3.21	0.40 +	7.93	1445.	52.	4.
2053	0000	-939	37.4548	81.1859	MBP	0.7	2.3 +	6.5	3.17	0.35	9.14	1409.	52.	5.
2054	0000	-939	37.4547	81.1866	MBP	0.7	2.2 +	6.5	2.92	0.34	8.68	1406.	54.	6.
2055	0000	-937	37.4547	81.1871	MBP	0.8	1.9	6.5	2.37	0.30	7.98	1444.	55.	7.
2056	0000	-937	37.4547	81.1877	MBP	0.8	1.9	6.9	2.29	0.28	8.22	1496.	52.	8.
2057	0000	-937	37.4547	81.1883	MBP	0.9	2.0	7.1	2.13	0.28	7.58	1560.	52.	8.
2058	0000	-936	37.4546	81.1888	MBP	1.0 +	2.2 +	7.7 +	2.26	0.28	7.85	1647.	53.	9.
2059	0000	-938	37.4546	81.1894	MBP	1.0 +	2.2 +	7.6 +	2.15	0.28	7.57	1676.	55.	10.
2060	0000	-937	37.4546	81.1900	MBP	1.1 +	2.2 +	7.5 +	2.05	0.29	7.19	1685.	55.	10.
2061	0000	-934	37.4546	81.1906	MBP	1.1 +	2.1 +	7.8 +	2.03	0.27	7.43	1687.	53.	10.
2062	0000	-935	37.4546	81.1911	MBP	1.1 +	2.1	7.4	1.95	0.28	7.03	1628.	57.	10.
2063	0000	-935	37.4546	81.1917	PPP	1.0	2.0	6.6	2.04	0.31	6.64	1540.	58.	10.
2064	0000	-933	37.4545	81.1922	PPP	0.8	2.1	6.3	2.44	0.33	7.49	1449.	57.	9.
2065	0000	-931	37.4545	81.1928	PPP	0.8	2.0	5.8	2.46	0.34	7.29	1362.	57.	8.
2066	0000	-930	37.4545	81.1934	PPP	0.7	1.9	6.1	2.59 +	0.31	8.28 +	1329.	55.	7.
2067	0000	-933	37.4545	81.1940	PPP	0.7	2.0	6.3	2.80 +	0.32	8.82 +	1312.	56.	6.
2068	0000	-934	37.4545	81.1945	PPP	0.7	1.9	6.1	2.75 +	0.31	8.84 +	1286.	56.	5.
2069	0000	-933	37.4545	81.1951	PPP	0.7 -	2.1	6.1	3.20 +	0.34	9.34 +	1289.	51.	5.
2070	0000	-933	37.4545	81.1957	PPP	0.6 -	2.3	6.5	3.56 ++	0.35	10.12 ++	1293.	51.	3.
2071	0000	-934	37.4544	81.1963	PPP	0.7 -	2.1	6.5	3.24 +	0.33	9.81 ++	1283.	52.	3.
2072	0000	-934	37.4544	81.1969	PPP	0.7	2.0	6.5	2.91 +	0.30	9.59 ++	1274.	52.	3.
2073	0000	-936	37.4544	81.1974	PPP	0.7	2.0	6.2	2.89 +	0.33	8.82 +	1261.	51.	3.
2074	0000	-933	37.4543	81.1979	PPP	0.7	2.1	5.8	3.00 +	0.36 +	8.28 +	1246.	53.	3.
2075	0000	-931	37.4543	81.1985	PPP	0.7	2.1	5.5	2.98 +	0.38 +	7.94 +	1219.	54.	3.
2076	0000	-934	37.4543	81.1991	PPP	0.6 -	2.0	5.3	3.15 +	0.38 +	8.23 +	1193.	56.	3.
2077	0000	-934	37.4543	81.1997	PPP	0.7 -	1.7	5.2	2.49 +	0.32	7.76	1199.	56.	5.
2078	0000	-933	37.4543	81.2003	PPP	0.7	1.9	5.2	2.82 +	0.37 +	7.58	1251.	56.	5.
2079	0000	-934	37.4543	81.2008	PPP	0.7	1.9	5.7	2.67 +	0.34	7.89	1293.	57.	6.
2080	0000	-932	37.4543	81.2014	PPP	0.7	1.9	5.6	2.49 +	0.33	7.51	1342.	56.	7.
2081	0000	-930	37.4542	81.2020	PPP	0.8	1.6	6.3	1.95	0.26	7.57	1405.	54.	8.
2082	0000	-929	37.4542	81.2025	PPP	0.9	1.6	6.6	1.86	0.24	7.65	1444.	52.	9.
2083	0000	-929	37.4542	81.2031	PPP	0.9	1.6	6.8	1.80	0.24	7.59	1485.	51.	10.
2084	0000	-931	37.4542	81.2036	MBP	1.0	1.7	6.7	1.77	0.26	6.88 -	1511.	50.	11.
2085	0000	-928	37.4542	81.2042	MBP	1.0 +	1.4	7.0	1.37 -	0.20	6.72 -	1505.	52.	11.
2086	0000	-927	37.4542	81.2048	MBP	1.0 +	1.6	6.8	1.52 -	0.23	6.61 -	1527.	52.	11.
2087	0000	-930	37.4541	81.2054	MBP	1.1 +	1.5	7.1	1.35 -	0.21	6.45 -	1557.	52.	11.
2088	0000	-927	37.4541	81.2059	MBP	1.1 +	1.6	6.6	1.43 -	0.24	5.94 -	1565.	55.	12.
2089	0000	-926	37.4541	81.2065	MBP	1.2 +	1.7	6.8	1.42 -	0.25	5.71 -	1614.	57.	12.
2090	0000	-928	37.4540	81.2071	MBP	1.3 ++	1.6	7.5 +	1.24 -	0.21	6.01 -	1654.	56.	12.
2091	0000	-927	37.4540	81.2076	PPP	1.2	1.6	7.4	1.28 -	0.21 -	6.05	1645.	58.	12.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-926	37.4540	81.2082		PPP	1.2	1.5	7.0	1.26 -	0.22	5.76	1625.	59.	12.
2093	0000	-927	37.4540	81.2088		PPP	1.2	1.5	6.7	1.24 -	0.22	5.62	1581.	58.	12.
2094	0000	-927	37.4540	81.2094		PPP	1.1	1.4	6.4	1.24 -	0.22 -	5.75	1529.	57.	12.
2095	0000	-929	37.4540	81.2099		PPP	1.0	1.3 -	6.4	1.24 -	0.19 -	6.35	1477.	56.	11.
2096	0000	-930	37.4540	81.2105		PPP	0.9	1.2 -	6.0	1.31 -	0.20 -	6.48	1412.	54.	10.
2097	0000	-928	37.4539	81.2110		PPP	0.9	1.5	5.5	1.67	0.27	6.21	1385.	55.	8.
2098	0000	-928	37.4539	81.2116		PPP	0.9	1.6	6.1	1.77	0.27	6.56	1441.	53.	7.
2099	0000	-928	37.4539	81.2122		PPP	1.0	1.7	6.8	1.66	0.24	6.84	1529.	52.	6.
2100	0000	-927	37.4539	81.2128		PPP	1.1	1.7	7.2	1.58	0.24	6.59	1599.	52.	5.
2101	0000	-924	37.4539	81.2134		PPP	1.1	1.6	8.0 +	1.46	0.21 -	7.11	1659.	53.	5.
2102	0000	-924	37.4539	81.2139		PPP	1.2	1.7	8.5 +	1.41	0.20 -	7.08	1710.	54.	4.
2103	0000	-928	37.4539	81.2145		PPP	1.3	1.6	8.8 +	1.25 -	0.18 -	6.75	1760.	54.	5.
2104	0000	-929	37.4538	81.2151		PPP	1.3	1.6	9.0 +	1.23 -	0.18 -	6.75	1798.	53.	6.
2105	0000	-926	37.4538	81.2155		PPP	1.3	1.4	8.6 +	1.11 -	0.17 -	6.57	1741.	55.	7.
2106	0000	-924	37.4538	81.2162		PPP	1.2	1.4	8.2 +	1.16 -	0.17 -	6.65	1675.	54.	8.
2107	0000	-924	37.4537	81.2167		PPP	1.2	1.3 -	7.9	1.08 -	0.16 --	6.69	1623.	53.	9.
2108	0000	-923	37.4537	81.2173		PPP	1.1	1.6	7.1	1.41	0.23	6.20	1584.	53.	10.
2109	0000	-923	37.4537	81.2179		PPP	1.1	1.9	6.8	1.69	0.27	6.17	1578.	51.	10.
2110	0000	-923	37.4537	81.2185		PPP	1.1	1.9	6.8	1.77	0.28	6.36	1587.	50.	11.
2111	0000	-922	37.4537	81.2191		PPP	1.1	1.9	6.7	1.74	0.29	6.03	1590.	51.	11.
2112	0000	-923	37.4537	81.2196		PPP	1.2	2.0	6.7	1.76	0.30	5.82	1655.	52.	12.
2113	0000	-923	37.4537	81.2202		PPP	1.2	2.1	6.9	1.78	0.31	5.80	1715.	52.	11.
2114	0000	-923	37.4536	81.2208		PPP	1.3	2.2	7.1	1.70	0.31	5.55	1779.	54.	11.
2115	0000	-922	37.4536	81.2213		PPP	1.4 +	2.1	8.0 +	1.48	0.27	5.55	1883.	56.	10.
2116	0000	-920	37.4536	81.2218		PPP	1.5 +	2.0	8.6 +	1.31 -	0.24	5.54	1960.	58.	9.
2117	0000	-920	37.4536	81.2225		PPP	1.6 +	2.1	8.6 +	1.32	0.25	5.32 -	2004.	59.	7.
2118	0000	-921	37.4536	81.2230		PPP	1.6 +	1.9	8.6 +	1.18 -	0.22	5.28 -	1974.	58.	6.
2119	0000	-918	37.4536	81.2236		PPP	1.6 +	1.9	8.7 +	1.20 -	0.22	5.47	1930.	56.	4.
2120	0000	-916	37.4535	81.2242		PPP	1.5 +	2.0	8.4 +	1.30 -	0.24	5.51	1867.	57.	3.
2121	0000	-918	37.4535	81.2247		PPP	1.4 +	2.2	8.1 +	1.56	0.27	5.85	1788.	55.	2.
2122	0000	-919	37.4535	81.2253		PPP	1.3	2.0	7.6	1.56	0.26	5.94	1665.	55.	2.
2123	0000	-918	37.4534	81.2259		PPP	1.1	2.0	6.7	1.76	0.30	5.93	1544.	56.	1.
2124	0000	-921	37.4534	81.2265		PPP	1.0	1.8	6.5	1.72	0.27	6.32	1465.	57.	1.
2125	0000	-923	37.4534	81.2270		PPP	1.0	1.8	6.6	1.76	0.27	6.46	1483.	59.	2.
2126	0000	-919	37.4534	81.2275		PPP	1.1	2.0	7.3	1.78	0.28	6.44	1559.	60.	2.
2127	0000	-917	37.4534	81.2281		PPP	1.3	2.2	7.6	1.70	0.29	5.90	1676.	61.	2.
2128	0000	-918	37.4534	81.2287		PPP	1.5 +	2.4 +	8.0 +	1.63	0.30	5.49	1831.	62.	1.
2129	0000	-918	37.4534	81.2293		PPP	1.6 +	2.6 +	8.5 +	1.59	0.31	5.21 -	1975.	62.	1.
2130	0000	-916	37.4533	81.2299		PPP	1.8 +	2.8 +	8.9 +	1.53	0.32	4.85 -	2110.	61.	1.
2131	0000	-917	37.4533	81.2304		PPP	2.0 +	3.1 ++	9.7 ++	1.60	0.33	4.93 -	2252.	59.	1.
2132	0000	-919	37.4533	81.2310		PPP	2.1 ++	3.3 ++	10.1 ++	1.63	0.33	4.90 -	2349.	58.	1.
2133	0000	-918	37.4532	81.2316		PPP	2.1 ++	3.3 ++	9.8 ++	1.58	0.34	4.64 -	2401.	58.	2.
2134	0000	-917	37.4532	81.2322		PPP	2.1 ++	3.1 ++	9.9 ++	1.42	0.31	4.64 -	2418.	58.	3.
2135	0000	-917	37.4532	81.2327		PPP	2.2 ++	2.8 +	10.5 ++	1.28 -	0.26	4.83 -	2426.	53.	4.
2136	0000	-914	37.4532	81.2333		PPP	2.1 ++	3.0 ++	10.3 ++	1.44	0.29	4.92 -	2420.	56.	4.
2137	0000	-911	37.4532	81.2338		PPP	2.0 ++	2.8 +	10.7 ++	1.36	0.26	5.26 -	2418.	56.	4.
2138	0000	-910	37.4532	81.2344		PPP	2.0 ++	2.7 +	10.0 ++	1.37	0.27	4.97 -	2369.	58.	5.
2139	0000	-911	37.4532	81.2350		PPP	2.0 +	2.6 +	9.8 ++	1.33	0.27	5.00 -	2299.	59.	5.
2140	0000	-912	37.4531	81.2355		PPP	1.8 +	2.5 +	9.3 +	1.34	0.26	5.10 -	2202.	57.	5.
2141	0000	-912	37.4531	81.2361		PPP	1.7 +	2.6 +	8.8 +	1.53	0.29	5.23 -	2095.	56.	5.
2142	0000	-914	37.4531	81.2367		PPP	1.5 +	2.6 +	7.8	1.69	0.33	5.14 -	1944.	63.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-913	37.4531	81.2372	PPP	1.4 +	2.3	7.9	1.58	0.29	5.49	1860.	59.	7.
2144	0000	-910	37.4531	81.2379	PPP	1.4 +	2.1	7.5	1.51	0.28	5.34 -	1805.	59.	7.
2145	0000	-910	37.4531	81.2384	PPP	1.3	1.8	7.6	1.34	0.23	5.82	1726.	60.	9.
2146	0000	-906	37.4531	81.2389	PPP	1.2	1.9	7.2	1.61	0.27	5.95	1682.	59.	9.
2147	0000	-903	37.4531	81.2396	PPP	1.2	2.0	7.4	1.70	0.27	6.25	1676.	60.	9.
2148	0000	-906	37.4530	81.2402	PPP	1.2	1.9	7.5	1.60	0.25	6.41	1703.	60.	10.
2149	0000	-910	37.4531	81.2408	PPP	1.2	1.9	8.0 +	1.59	0.24	6.54	1781.	56.	10.
2150	0000	-910	37.4531	81.2415	PPP	1.3	2.0	7.9	1.54	0.25	6.19	1821.	56.	9.
2151	0000	-910	37.4532	81.2420	PPP	1.3	2.2	8.0	1.78	0.28	6.33	1856.	56.	8.
2152	0000	-907	37.4532	81.2427	PPP	1.3	2.6 +	8.2 +	1.94	0.32	6.10	1944.	54.	6.
2153	0000	-909	37.4532	81.2433	PPP	1.5 +	2.6 +	8.4 +	1.75	0.30	5.73	2034.	54.	5.
2154	0000	-911	37.4532	81.2439	PPP	1.5 +	2.7 +	8.4 +	1.72	0.32	5.44	2075.	57.	5.
2155	0000	-909	37.4533	81.2445	PPP	1.6 +	2.8 +	8.5 +	1.79	0.33	5.42	2076.	57.	3.
2156	0000	-910	37.4533	81.2451	PPP	1.6 +	2.8 +	8.2 +	1.81	0.34	5.28 -	2019.	58.	2.
2157	0000	-912	37.4534	81.2457	PPP	1.5 +	2.9 ++	7.8	1.97	0.37 +	5.27 -	1951.	59.	1.
2158	0000	-909	37.4534	81.2464	PPP	1.4 +	2.8 +	7.3	1.97	0.39 +	5.10 -	1872.	59.	1.
2159	0000	-904	37.4534	81.2469	PPP	1.4 +	2.6 +	7.3	1.89	0.36 +	5.25 -	1815.	60.	1.
2160	0000	-903	37.4534	81.2476	PPP	1.4 +	2.5 +	7.7	1.75	0.33	5.32 -	1794.	61.	2.
2161	0000	-905	37.4534	81.2482	PPP	1.5 +	2.6 +	7.9	1.71	0.33	5.25 -	1885.	59.	3.
2162	0000	-906	37.4535	81.2488	PPP	1.7 +	2.5 +	8.2 +	1.49	0.31	4.83 -	2020.	60.	5.
2163	0000	-904	37.4535	81.2494	PPP	1.9 +	2.6 +	8.9 +	1.40	0.30	4.72 -	2200.	61.	6.
2164	0000	-905	37.4535	81.2500	PPP	2.1 ++	2.5 +	9.8 ++	1.15 -	0.25	4.59 -	2390.	60.	9.
2165	0000	-904	37.4535	81.2506	PPP	2.4 ++	2.4 +	11.1 +++	1.02 -	0.22 -	4.74 -	2605.	60.	10.
2166	0000	-903	37.4536	81.2512	PPP	2.5 ++	2.6 +	11.1 +++	1.04 -	0.23	4.51 -	2742.	61.	12.
2167	0000	-904	37.4536	81.2518	PPP	2.5 ++	2.6 +	11.3 +++	1.07 -	0.23	4.57 -	2837.	60.	14.
2168	0000	-906	37.4536	81.2525	PPP	2.5 ++	2.4 +	11.7 +++	1.00 -	0.21 -	4.79 -	2836.	60.	14.
2169	0000	-903	37.4536	81.2531	PPP	2.3 ++	2.5 +	11.6 +++	1.07 -	0.21 -	4.99 -	2815.	57.	14.
2170	0000	-903	37.4537	81.2537	PPP	2.3 ++	2.7 +	10.9 ++	1.18 -	0.24	4.82 -	2753.	56.	13.
2171	0000	-906	37.4537	81.2543	PPP	2.2 ++	3.1 ++	10.2 ++	1.42	0.30	4.67 -	2701.	55.	11.
2172	0000	-903	37.4537	81.2550	PPP	2.1 ++	3.3 ++	9.7 ++	1.56	0.35	4.51 -	2637.	56.	9.
2173	0000	-900	37.4537	81.2555	PPP	2.1 ++	3.4 ++	9.9 ++	1.59	0.34	4.70 -	2602.	54.	7.
2174	0000	-901	37.4538	81.2562	PPP	2.1 ++	3.4 ++	10.5 ++	1.60	0.32	5.02 -	2555.	53.	5.
2175	0000	-901	37.4538	81.2567	PPP	2.1 ++	3.6 +++	10.2 ++	1.69	0.35	4.85 -	2507.	54.	3.
2176	0000	-902	37.4538	81.2574	PPP	2.1 ++	3.6 +++	10.4 ++	1.74	0.35	5.04 -	2428.	56.	1.
2177	0000	-902	37.4538	81.2580	PPP	2.0 ++	3.3 ++	11.2 +++	1.65	0.29	5.60	2360.	56.	0.
2178	0000	-899	37.4538	81.2586	PPP	1.8 +	3.2 ++	11.5 +++	1.72	0.28	6.21	2273.	55.	0.
2179	0000	-899	37.4539	81.2592	PPP	1.8 +	3.0 ++	11.0 +++	1.70	0.27	6.29	2172.	54.	0.
2180	0000	-901	37.4539	81.2598	PPP	1.7 +	3.0 ++	10.6 ++	1.79	0.29	6.28	2117.	57.	0.
2181	0000	-899	37.4539	81.2604	PPP	1.7 +	3.1 ++	10.1 ++	1.85	0.31	5.96	2089.	59.	0.
2182	0000	-898	37.4539	81.2611	PPP	1.6 +	3.2 ++	10.0 ++	1.99	0.32	6.19	2062.	57.	0.
2183	0000	-897	37.4540	81.2616	PPP	1.6 +	3.2 ++	9.8 ++	2.01	0.33	6.12	2046.	57.	0.
2184	0000	-893	37.4540	81.2623	PPP	1.6 +	3.4 ++	9.2 +	2.16	0.37 +	5.84	2030.	57.	0.
2185	0000	-891	37.4540	81.2629	PPP	1.6 +	3.1 ++	9.0 +	1.91	0.34	5.55	2022.	59.	1.
2186	0000	-893	37.4540	81.2635	PPP	1.6 +	3.2 ++	9.0 +	1.94	0.35	5.50	2048.	58.	1.
2187	0000	-896	37.4541	81.2641	PPP	1.7 +	3.0 ++	9.3 +	1.78	0.32	5.58	2060.	56.	2.
2188	0000	-896	37.4541	81.2647	PPP	1.6 +	2.9 ++	8.9 +	1.85	0.33	5.64	2013.	52.	2.
2189	0000	-893	37.4541	81.2653	PPP	1.5 +	2.7 +	8.5 +	1.76	0.32	5.55	1946.	53.	2.
2190	0000	-893	37.4542	81.2659	PPP	1.4 +	2.6 +	7.7	1.77	0.33	5.35 -	1878.	52.	3.
2191	0000	-894	37.4542	81.2665	PPP	1.4 +	2.4 +	7.2	1.69	0.33	5.16 -	1799.	51.	4.
2192	0000	-893	37.4542	81.2672	PPP	1.3	2.4 +	6.7	1.86	0.36	5.24 -	1700.	51.	3.
2193	0000	-892	37.4542	81.2677	PPP	1.1	2.1	6.1	1.83	0.35	5.29 -	1564.	51.	4.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-891	37.4543	81.2684	PPP	1.0	2.1	5.1	2.13	0.40 +	5.31 -	1416.	54.	3.
2195	0000	-889	37.4543	81.2690	PPP	0.9	1.9	4.7 -	2.21	0.41 +	5.45	1310.	58.	4.
2196	0000	-888	37.4543	81.2697	PPP	0.8	1.6	4.5 -	2.04	0.37 +	5.54	1249.	62.	5.
2197	0000	-889	37.4543	81.2702	PPP	0.8	1.5	5.0	1.90	0.29	6.47	1213.	62.	5.
2198	0000	-890	37.4544	81.2709	PPP	0.7	1.4	5.2	2.00	0.27	7.38	1197.	63.	6.
2199	0000	-890	37.4544	81.2715	PPNR	0.7	1.3	5.4	1.88	0.25	7.55	1189.	64.	7.
2200	0000	-886	37.4544	81.2720	PPNR	0.7	1.2	5.6	1.81	0.21	8.48 +	1195.	65.	9.
2201	0000	-885	37.4544	81.2727	PPNR	0.7	0.9 -	5.9	1.36	0.16 -	8.50 +	1222.	62.	11.
2202	0000	-888	37.4545	81.2733	PPNR	0.7	0.8 -	6.4	1.07 -	0.12 --	8.56 +	1272.	59.	12.
2203	0000	-889	37.4545	81.2738	PPNR	0.8	0.9 -	6.6	1.12 -	0.13 --	8.36 +	1308.	57.	12.
2204	0000	-885	37.4545	81.2745	PPNR	0.8	1.0 -	6.3	1.29 -	0.17 -	7.78	1348.	55.	14.
2205	0000	-884	37.4545	81.2751	PPNR	0.9	1.0 -	6.4	1.14 -	0.15 --	7.45	1377.	56.	14.
2206	0000	-885	37.4545	81.2758	PPNR	0.9	1.0 -	6.4	1.16 -	0.16 --	7.48	1406.	55.	14.
2207	0000	-884	37.4546	81.2763	PPNR	0.9	1.2	6.2	1.44	0.20 -	7.21	1428.	57.	13.
2208	0000	-882	37.4546	81.2770	PPNR	0.9	1.5	6.1	1.75	0.25	7.08	1428.	56.	11.
2209	0000	-882	37.4547	81.2776	PPNR	0.8	1.6	5.9	1.95	0.28	7.02	1403.	57.	11.
2210	0000	-885	37.4547	81.2782	PPP	0.9	1.6	6.0	1.90	0.27	6.98	1404.	58.	9.
2211	0000	-884	37.4547	81.2788	PPP	0.9	1.8	6.3	1.93	0.28	6.91	1437.	60.	7.
2212	0000	-882	37.4547	81.2794	PPP	1.0	1.8	6.8	1.81	0.26	6.89	1492.	59.	6.
2213	0000	-882	37.4548	81.2800	PPP	1.0	1.9	7.1	1.83	0.27	6.87	1532.	58.	5.
2214	0000	-883	37.4548	81.2806	PPP	1.1	1.8	7.3	1.62	0.25	6.54	1549.	55.	4.
2215	0000	-882	37.4548	81.2812	PPP	1.1	1.6	7.4	1.42	0.22	6.50	1536.	56.	4.
2216	0000	-879	37.4548	81.2819	PPP	1.1	1.4	7.1	1.28 -	0.20 -	6.30	1515.	55.	4.
2217	0000	-878	37.4549	81.2824	PPP	1.0	1.3	6.8	1.27 -	0.20 -	6.46	1449.	56.	5.
2218	0000	-879	37.4549	81.2831	PPP	1.0	1.1 -	6.3	1.19 -	0.18 -	6.56	1344.	56.	5.
2219	0000	-878	37.4549	81.2837	PPNR	0.9	1.0 -	5.7	1.12 -	0.17 -	6.60	1233.	57.	6.
2220	0000	-878	37.4549	81.2843	PPNR	0.8	0.9 -	5.1	1.11 -	0.17 -	6.63	1126.	58.	6.
2221	0000	-879	37.4549	81.2849	PPNR	0.7	0.8 -	4.6	1.11 -	0.16 -	6.83	1055.	59.	7.
2222	0000	-877	37.4550	81.2856	PPNR	0.6 -	1.0 -	4.3 -	1.75	0.24	7.20	1021.	59.	7.
2223	0000	-876	37.4550	81.2862	PPNR	0.6 -	1.2	4.4 -	2.12	0.27	7.72	1009.	62.	6.
2224	0000	-878	37.4550	81.2868	PPNR	0.6 -	1.5	4.7	2.46	0.31	7.85	1053.	59.	5.
2225	0000	-880	37.4550	81.2874	PPNR	0.6 -	1.7	4.9	2.80 +	0.35	8.08 +	1120.	59.	4.
2226	0000	-880	37.4551	81.2880	PPNR	0.7	1.9	5.2	2.73 +	0.37	7.33	1220.	60.	4.
2227	0000	-877	37.4551	81.2886	PPNR	0.8	2.2	5.4	2.56	0.40 +	6.38	1339.	59.	3.
2228	0000	-877	37.4552	81.2892	PPP	1.0	2.3	6.3	2.44	0.37 +	6.58	1459.	60.	3.
2229	0000	-878	37.4552	81.2898	PPP	1.1	2.2	7.0	2.05	0.32	6.40	1542.	57.	2.
2230	0000	-876	37.4552	81.2905	PPP	1.1	2.2	7.1	1.90	0.31	6.20	1595.	55.	3.
2231	0000	-874	37.4552	81.2910	PPP	1.2	2.0	7.2	1.71	0.28	6.18	1611.	56.	3.
2232	0000	-877	37.4552	81.2917	PPP	1.2	1.7	7.4	1.38	0.23	5.95	1593.	56.	3.
2233	0000	-875	37.4552	81.2923	PPP	1.2	1.6	7.0	1.32 -	0.23	5.72	1537.	56.	4.
2234	0000	-871	37.4552	81.2929	PPP	1.1	1.5	7.0	1.28 -	0.21 -	6.17	1462.	56.	3.
2235	0000	-871	37.4553	81.2935	PPP	1.1	1.5	6.4	1.36	0.23	5.97	1386.	54.	3.
2236	0000	-873	37.4553	81.2941	PPP	1.0	1.5	6.1	1.46	0.24	6.03	1347.	56.	3.
2237	0000	-870	37.4554	81.2947	PPP	1.0	1.5	6.1	1.47	0.25	5.88	1343.	58.	3.
2238	0000	-870	37.4554	81.2954	PPP	1.0	1.7	5.9	1.65	0.28	5.92	1344.	57.	3.
2239	0000	-871	37.4554	81.2959	PPNR	1.0	1.8	5.8	1.85	0.30	6.09	1359.	57.	3.
2240	0000	-871	37.4554	81.2966	PPNR	0.9	1.9	6.1	2.11	0.31	6.79	1401.	57.	3.
2241	0000	-870	37.4555	81.2971	PPNR	0.9	1.9	6.2	2.14	0.31	6.90	1437.	56.	4.
2242	0000	-870	37.4555	81.2978	PPNR	0.9	1.8	6.3	1.98	0.29	6.96	1454.	56.	6.
2243	0000	-871	37.4555	81.2984	PPNR	0.9	1.7	6.1	1.90	0.27	7.03	1438.	58.	8.
2244	0000	-871	37.4555	81.2990	PPNR	0.8	1.7	6.2	2.13	0.28	7.59	1419.	56.	8.

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-869	37.4556	81.2996	PPNR	0.8	1.7	5.9	2.06	0.28	7.37	1399.	53.	9.
2246	0000	-871	37.4556	81.3002	PPNR	0.8	1.5	5.8	1.98	0.26	7.53	1355.	53.	9.
2247	0000	-871	37.4556	81.3009	PPNR	0.7	1.5	5.3	2.03	0.28	7.38	1302.	52.	9.
2248	0000	-871	37.4556	81.3015	PPNR	0.8	1.4	5.3	1.89	0.27	7.03	1308.	54.	9.
2249	0000	-871	37.4556	81.3020	PPNR	0.8	1.7	5.6	2.07	0.30	6.96	1362.	55.	9.
2250	0000	-869	37.4557	81.3027	PPNR	0.9	1.6	6.2	1.87	0.26	7.18	1434.	53.	9.
2251	0000	-868	37.4557	81.3033	PPNR	0.9	1.5	6.1	1.69	0.24	6.93	1419.	54.	9.
2252	0000	-869	37.4557	81.3039	PPNR	0.9	1.3	6.1	1.41	0.22	6.47	1427.	55.	10.
2253	0000	-868	37.4557	81.3045	PPNR	0.9	1.5	6.3	1.60	0.24	6.68	1463.	54.	10.
2254	0000	-866	37.4558	81.3052	PPNR	0.9	1.3	6.3	1.39	0.21 -	6.64	1484.	54.	11.
2255	0000	-863	37.4558	81.3057	PPNR	0.9	1.3	6.2	1.46	0.22	6.76	1472.	52.	11.
2256	0000	-862	37.4559	81.3064	PPNR	0.9	1.0 -	6.0	1.14 -	0.17 -	6.64	1427.	53.	11.
2257	0000	-863	37.4559	81.3070	PPNR	0.9	1.1 -	5.7	1.30 -	0.20 -	6.60	1380.	55.	11.
2258	0000	-860	37.4559	81.3076	PPNR	0.9	1.4	5.8	1.51	0.23	6.55	1415.	55.	9.
2259	0000	-858	37.4559	81.3082	PPNR	0.9	1.5	6.1	1.70	0.25	6.86	1418.	56.	7.
2260	0000	-863	37.4560	81.3088	PPNR	0.9	1.4	6.2	1.51	0.23	6.65	1430.	56.	6.
2261	0000	-861	37.4560	81.3094	PPNR	1.0	1.6	6.4	1.63	0.25	6.63	1430.	56.	3.
2262	0000	-857	37.4560	81.3101	PPNR	1.0	1.6	6.3	1.56	0.25	6.29	1410.	58.	2.
2263	0000	-861	37.4560	81.3106	PPNR	1.0	1.7	6.2	1.73	0.27	6.49	1365.	57.	1.
2264	0000	-861	37.4560	81.3113	PPNR	0.9	1.7	6.0	1.86	0.29	6.49	1325.	54.	0.
2265	0000	-856	37.4561	81.3119	PPNR	0.9	1.4	5.8	1.67	0.25	6.64	1270.	54.	0.
2266	0000	-856	37.4561	81.3125	PPNR	0.8	1.4	5.4	1.75	0.26	6.70	1224.	52.	0.
2267	0000	-858	37.4561	81.3131	PPNR	0.8	1.4	4.8	1.77	0.29	6.17	1162.	54.	1.
2268	0000	-859	37.4561	81.3137	PPNR	0.8	1.3	4.8	1.71	0.27	6.28	1139.	52.	2.
2269	0000	-863	37.4562	81.3143	PPNR	0.8	1.2	5.0	1.58	0.24	6.44	1146.	51.	2.
2270	0000	-862	37.4562	81.3149	PPNR	0.8	1.3	4.8	1.61	0.27	5.97	1169.	51.	3.
2271	0000	-855	37.4562	81.3156	PPNR	0.8	1.3	5.0	1.53	0.25	6.09	1180.	52.	3.
2272	0000	-854	37.4562	81.3162	PPP	0.9	1.3	5.1	1.54	0.26	5.87	1216.	52.	4.
2273	0000	-854	37.4563	81.3167	PPP	0.9	1.2 -	5.3	1.36	0.23	5.80	1263.	55.	4.
2274	0000	-856	37.4563	81.3174	PPP	1.0	1.4	6.0	1.35	0.23	5.96	1336.	54.	3.
2275	0000	-855	37.4563	81.3180	PPP	1.0	1.6	6.0	1.62	0.27	6.05	1385.	55.	3.
2276	0000	-850	37.4563	81.3187	PPP	1.1	1.9	6.4	1.75	0.29	5.95	1474.	55.	3.
2277	0000	-848	37.4563	81.3193	PPP	1.1	2.0	6.8	1.81	0.29	6.18	1548.	56.	3.
2278	0000	-848	37.4563	81.3199	PPP	1.2	2.1	6.4	1.78	0.32	5.55	1588.	57.	4.
2279	0000	-844	37.4563	81.3205	PPP	1.1	2.1	6.8	1.88	0.31	5.97	1613.	55.	5.
2280	0000	-844	37.4563	81.3212	PPP	1.1	2.3	6.5	1.97	0.35	5.71	1605.	55.	6.
2281	0000	-845	37.4563	81.3218	PPP	1.1	2.2	6.2	2.10	0.36	5.88	1559.	57.	7.
2282	0000	-847	37.4563	81.3224	PPP	1.1	1.9	6.5	1.77	0.29	6.16	1532.	57.	8.
2283	0000	-856	37.4564	81.3230	PPP	1.0	1.7	6.6	1.67	0.25	6.69	1499.	56.	9.
2284	0000	-856	37.4564	81.3237	PPP	1.0	1.5	6.7	1.47	0.22	6.60	1512.	57.	11.
2285	0000	-849	37.4564	81.3244	PPP	1.1	1.4	7.4	1.33	0.19 -	6.86	1605.	55.	12.
2286	0000	-850	37.4564	81.3249	PPP	1.2	1.2 -	7.6	0.98 -	0.16 --	6.14	1679.	57.	13.
2287	0000	-851	37.4564	81.3255	PPP	1.3	1.1 -	8.0 +	0.83 --	0.13 --	6.29	1718.	56.	13.
2288	0000	-852	37.4564	81.3262	PPP	1.3	1.1 -	8.3 +	0.79 --	0.13 ---	6.12	1783.	55.	14.
2289	0000	-853	37.4564	81.3269	PPP	1.4 +	1.2 -	7.9	0.83 --	0.15 --	5.62	1831.	55.	15.
2290	0000	-849	37.4564	81.3274	PPP	1.4 +	1.2 -	7.6	0.86 --	0.16 --	5.42	1797.	55.	15.
2291	0000	-849	37.4564	81.3281	PPP	1.3	1.1 -	7.4	0.79 --	0.14 --	5.49	1708.	55.	14.
2292	0000	-848	37.4564	81.3287	PPP	1.2	0.9 -	6.6	0.77 --	0.14 --	5.49	1565.	56.	14.
2293	0000	-846	37.4564	81.3293	PPP	1.0	1.0 -	6.0	1.00 -	0.17 -	5.83	1437.	54.	12.
8294	0000	-847	37.4564	81.3300	PPP	0.9	1.1 -	5.6	1.17 -	0.19 -	6.03	1368.	55.	10.
2295	0000	-847	37.4564	81.3306	PPP	0.9	1.0 -	5.3	1.19 -	0.19 -	6.15	1290.	54.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-845	37.4564	81.3312	PPP	0.8	0.9 -	5.6	1.03 -	0.15 -	6.68	1251.	54.	7.
2297	0000	-847	37.4564	81.3318	PPP	0.8	0.9 -	5.3	1.12 -	0.18 -	6.33	1246.	55.	5.
2298	0000	-848	37.4564	81.3325	PPP	0.9	1.3	5.1	1.55	0.25	5.70	1284.	54.	4.
2299	0000	-846	37.4565	81.3332	PPP	0.9	1.6	5.7	1.73	0.28	6.16	1322.	53.	2.
2300	0000	-845	37.4565	81.3338	PPP	0.9	1.7	5.7	1.86	0.30	6.19	1337.	57.	2.
2301	0000	-845	37.4565	81.3344	PPP	1.0	1.8	6.0	1.89	0.30	6.31	1376.	55.	1.
2302	0000	-846	37.4565	81.3350	PPP	1.0	1.9	6.2	1.92	0.30	6.34	1405.	56.	1.
2303	0000	-842	37.4565	81.3357	PPP	1.0	2.1	6.3	2.15	0.33	6.43	1426.	55.	0.
2304	0000	-845	37.4565	81.3362	PPP	1.0	1.9	7.0	1.90	0.27	7.03	1447.	57.	0.
2305	0000	-850	37.4565	81.3369	PPP	1.0	1.9	7.4	1.83	0.25	7.29	1450.	57.	0.
2306	0000	-845	37.4565	81.3375	PPNR	1.0	1.9	7.4 +	1.94	0.26	7.37	1473.	60.	0.
2307	0000	-843	37.4565	81.3382	PPNR	1.0	1.9	7.8 +	1.84	0.24	7.55	1504.	61.	0.
2308	0000	-843	37.4565	81.3388	PPNR	1.1	2.0	7.7 +	1.85	0.26	7.23	1513.	64.	0
2309	0000	-841	37.4565	81.3394	PPNR	1.0	2.0	7.9 +	1.93	0.26	7.56	1527.	64.	0.
2310	0000	-840	37.4565	81.3400	PPNR	1.0	1.9	7.6 +	1.80	0.25	7.23	1508.	63.	1.
2311	0000	-841	37.4565	81.3406	PPNR	1.0	1.9	7.5 +	1.84	0.25	7.22	1510.	60.	2.
2312	0000	-841	37.4565	81.3413	PPNR	1.0	1.9	7.5 +	1.82	0.25	7.39	1497.	60.	2.
2313	0000	-840	37.4565	81.3419	PPNR	1.0	1.7	7.2	1.67	0.23	7.28	1460.	59.	3.
2314	0000	-842	37.4565	81.3425	PPNR	1.0	1.7	6.8	1.75	0.25	6.87	1443.	57.	4.
2315	0000	-842	37.4566	81.3432	PPNR	1.0	1.7	6.8	1.72	0.25	6.99	1442.	56.	4.
2316	0000	-839	37.4565	81.3438	PPNR	1.0	1.7	6.9	1.74	0.24	7.11	1449.	55.	4.
2317	0000	-837	37.4565	81.3445	PPNR	1.0	1.8	7.0	1.80	0.25	7.12	1476.	56.	4.
2318	0000	-832	37.4565	81.3451	PPNR	1.0	1.8	7.0	1.90	0.26	7.18	1459.	58.	3.
2319	0000	-832	37.4565	81.3457	PPNR	0.9	1.8	6.6	1.95	0.28	7.03	1445.	57.	3.
2320	0000	-839	37.4565	81.3463	PPNR	1.0	2.0	6.9	2.00	0.29	6.97	1471.	55.	2.
2321	0000	-837	37.4565	81.3470	PPNR	1.0	2.1	7.4 +	2.03	0.28	7.30	1496.	54.	1.
2322	0000	-838	37.4565	81.3475	PPNR	1.1	2.2	7.5 +	2.03	0.29	6.95	1526.	53.	1.
2323	0000	-841	37.4566	81.3482	PPNR	1.1	2.2	7.2	1.91	0.31	6.25	1533.	52.	1.
2324	0000	-835	37.4566	81.3488	PPNR	1.1	2.3 +	7.2	2.00	0.32	6.30	1528.	51.	1.
2325	0000	-830	37.4566	81.3495	PPNR	1.1	2.7 +	7.0	2.36	0.39 +	6.12	1577.	50.	1.
2326	0000	-832	37.4566	81.3501	PPNR	1.2	2.4 +	7.5 +	2.01	0.32	6.26	1615.	50.	1.
2327	0000	-832	37.4566	81.3507	PPNR	1.2	2.4 +	7.6 +	2.01	0.32	6.31	1620.	51.	1.
2328	0000	-831	37.4566	81.3513	PPNR	1.2	2.2	7.7 +	1.75	0.28	6.30	1651.	54.	1.
2329	0000	-834	37.4566	81.3520	PPNR	1.2	2.1	8.0 +	1.68	0.26	6.51	1678.	54.	1.
2330	0000	-839	37.4566	81.3526	PPNR	1.2	2.1	8.2 +	1.77	0.26	6.83	1711.	56.	2.
2331	0000	-836	37.4566	81.3532	PPNR	1.2	2.1	8.0 +	1.75	0.26	6.71	1724.	57.	3.
2332	0000	-831	37.4566	81.3539	PPP	1.3	1.8	8.7 +	1.40	0.21 -	6.68	1762.	57.	3.
2333	0000	-832	37.4566	81.3545	PPP	1.4 +	2.1	8.8 +	1.51	0.24	6.34	1821.	57.	4.
2334	0000	-832	37.4566	81.3551	PPP	1.5 +	2.1	9.2 +	1.43	0.23	6.20	1901.	57.	4.
2335	0000	-833	37.4566	81.3558	PPP	1.5 +	2.2	8.6 +	1.43	0.25	5.71	1897.	54.	4.
2336	0000	-834	37.4566	81.3564	PPP	1.5 +	2.1	8.4 +	1.42	0.25	5.66	1875.	52.	5.
2337	0000	-833	37.4566	81.3570	PPP	1.5 +	2.0	8.4 +	1.28 -	0.23	5.47	1855.	52.	5.
2338	0000	-834	37.4566	81.3576	PPP	1.6 +	2.1	8.7 +	1.34	0.25	5.48	1881.	53.	4.
2339	0000	-832	37.4567	81.3583	PPP	1.5 +	2.1	8.0 +	1.41	0.27	5.27 -	1820.	53.	3.
2340	0000	-832	37.4567	81.3589	PPP	1.5 +	2.1	7.6	1.41	0.27	5.15 -	1783.	52.	3.
2341	0000	-838	37.4567	81.3595	PPP	1.5 +	1.9	7.6	1.28 -	0.25	5.16 -	1766.	52.	2.
2342	0000	-836	37.4567	81.3602	PPP	1.5 +	2.2	8.1 +	1.52	0.27	5.52	1805.	52.	2.
2343	0000	-835	37.4567	81.3608	PPP	1.5 +	2.5 +	8.6 +	1.63	0.29	5.62	1868.	53.	1.
2344	0000	-835	37.4567	81.3614	PPP	1.6 +	2.6 +	8.8 +	1.63	0.30	5.47	1966.	54.	1.
2345	0000	-831	37.4567	81.3620	PPP	1.8 +	2.6 +	9.3 +	1.41	0.28	5.03 -	2055.	53.	1.
2346	0000	-828	37.4567	81.3627	PPP	2.0 ++	2.6 +	9.9 ++	1.30 -	0.26	4.97 -	2159.	53.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-827	37.4567	81.3633	PPP	2.0 +	2.7 +	10.2 ++	1.37	0.26	5.20 -	2190.	53.	2.
2348	0000	-829	37.4567	81.3639	PPP	1.9 +	2.8 +	10.0 ++	1.45	0.28	5.16 -	2167.	54.	2.
2349	0000	-831	37.4567	81.3646	PPP	1.9 +	2.5 +	9.6 ++	1.27 -	0.26	4.97 -	2115.	53.	3.
2350	0000	-828	37.4567	81.3652	PPP	1.9 +	2.1	8.9 +	1.12 -	0.24	4.64 -	2020.	55.	3.
2351	0000	-832	37.4567	81.3658	PPP	1.7 +	2.1	8.4 +	1.21 -	0.25	4.83 -	1888.	53.	3.
2352	0000	-836	37.4567	81.3664	PPP	1.4 +	1.9	7.5	1.34	0.26	5.24 -	1715.	53.	2.
2353	0000	-831	37.4567	81.3671	PPP	1.3	1.8	6.5	1.46	0.28	5.13 -	1547.	54.	2.
2354	0000	-834	37.4568	81.3677	PPP	1.2	1.8	5.9	1.54	0.30	5.11 -	1425.	55.	1.
2355	0000	-834	37.4568	81.3683	PPP	1.0	1.8	5.1	1.70	0.35	4.88 -	1321.	55.	1.
2356	0000	-828	37.4568	81.3689	PPP	0.9	1.9	4.7 -	2.11	0.41 +	5.18 -	1231.	54.	1.
2357	0000	-832	37.4568	81.3696	PPP	0.8	1.9	5.0	2.54 +	0.39 +	6.48	1176.	53.	0.
2358	0000	-831	37.4568	81.3702	PPP	0.8	1.8	4.7 -	2.30	0.39 +	5.88	1143.	55.	0.
2359	0000	-828	37.4568	81.3708	PPP	0.8	1.8	4.9 -	2.32	0.37 +	6.25	1130.	54.	0.
2360	0000	-830	37.4568	81.3715	PPP	0.8	1.9	4.9 -	2.49 +	0.39 +	6.31	1156.	53.	0.
2361	0000	-828	37.4568	81.3721	PPP	0.8	2.0	5.0	2.38	0.39 +	6.03	1223.	53.	0.
2362	0000	-831	37.4568	81.3727	PPNR	0.9	2.0	5.7	2.14	0.35	6.11	1287.	52.	1.
2363	0000	-839	37.4568	81.3734	PPNR	1.0	1.9	6.2	1.91	0.30	6.28	1326.	56.	1.
2364	0000	-835	37.4568	81.3740	PPNR	1.1	1.9	6.0	1.79	0.32	5.68	1362.	54.	1.
2365	0000	-831	37.4568	81.3746	PPNR	1.0	2.0	6.2	1.93	0.32	6.01	1362.	54.	0.
2366	0000	-833	37.4568	81.3752	PPNR	1.0	1.9	5.9	1.81	0.31	5.77	1344.	55.	1.
2367	0000	-829	37.4568	81.3759	PPNR	1.0	1.7	5.8	1.69	0.29	5.89	1296.	57.	2.
2368	0000	-826	37.4568	81.3765	PPNR	1.0	1.5	5.6	1.55	0.27	5.80	1226.	58.	3.
2369	0000	-829	37.4568	81.3771	PPNR	0.9	1.4	5.4	1.58	0.26	6.05	1189.	57.	3.
2370	0000	-832	37.4568	81.3777	PPNR	0.9	1.4	5.5	1.48	0.25	5.87	1220.	55.	4.
2371	0000	-834	37.4568	81.3784	PPNR	0.9	1.4	5.5	1.51	0.26	5.86	1240.	57.	5.
2372	0000	-832	37.4568	81.3790	PPNR	1.0	1.5	5.5	1.47	0.27	5.51	1294.	55.	6.
2373	0000	-831	37.4568	81.3796	PPNR	1.0	1.4	6.0	1.38	0.24	5.78	1393.	55.	7.
2374	0000	-835	37.4568	81.3802	PPP	1.2	1.6	6.4	1.37	0.25	5.42	1492.	55.	7.
2375	0000	-835	37.4568	81.3809	PPP	1.2	1.6	6.8	1.27 -	0.23	5.45	1543.	53.	7.
2376	0000	-827	37.4568	81.3815	PPP	1.3	1.7	6.5	1.31 -	0.26	5.02 -	1583.	56.	7.
2377	0000	-827	37.4568	81.3822	PPP	1.3	1.9	6.5	1.47	0.29	5.05 -	1609.	57.	7.
2378	0000	-828	37.4569	81.3828	PPNR	1.2 +	1.8	6.4	1.42	0.28	5.11 -	1596.	55.	7.
2379	0000	-824	37.4569	81.3834	PPNR	1.2	1.5	6.6	1.24 -	0.23	5.42	1566.	57.	7.
2380	0000	-828	37.4569	81.3840	PPNR	1.1	1.7	6.2	1.47	0.27	5.42	1511.	57.	6.
2381	0000	-833	37.4569	81.3847	PPNR	1.0	1.6	6.1	1.58	0.27	5.92	1463.	56.	6.
2382	0000	-832	37.4569	81.3853	PPNR	1.0	1.6	6.2	1.63	0.26	6.30	1447.	55.	6.
2383	0000	-828	37.4569	81.3859	PPNR	1.0	1.4	6.5	1.44	0.21	6.73	1419.	54.	5.
2384	0000	-827	37.4569	81.3865	PPNR	1.0	1.2	6.1	1.23 -	0.20 -	6.13	1392.	54.	5.
2385	0000	-827	37.4569	81.3872	PPNR	1.0	1.7	6.2	1.62	0.27	5.98	1420.	55.	3.
2386	0000	-828	37.4569	81.3878	PPNR	1.0	1.8	6.3	1.72	0.28	6.07	1442.	53.	3.
2387	0000	-831	37.4569	81.3884	PPNR	1.1	1.8	6.7	1.64	0.27	6.15	1452.	52.	2.
2388	0000	-830	37.4569	81.3891	PPNR	1.1	1.7	7.1	1.51	0.24	6.36	1466.	49.	2.
2389	0000	-827	37.4569	81.3897	PPNR	1.1	1.9	6.7	1.67	0.28	5.90	1474.	51.	2.
2390	0000	-827	37.4569	81.3904	PPNR	1.1	1.9	6.4	1.72	0.30	5.64	1463.	49.	3.
2391	0000	-831	37.4569	81.3909	PPNR	1.1	1.9	6.6	1.77	0.28	6.28	1431.	47.	4.
2392	0000	-832	37.4569	81.3916	PPNR	1.0	1.2	6.6	1.22 -	0.19 -	6.47	1384.	47.	6.
2393	0000	-834	37.4569	81.3922	PPNR	1.0	1.0 -	6.4	1.07 -	0.16 -	6.53	1332.	47.	8.
2394	0000	-835	37.4570	81.3928	PPNR	0.9	0.9 -	5.7	0.99 -	0.16 --	6.29	1279.	47.	10.
2395	0000	-833	37.4570	81.3935	PPNR	0.8	0.8 -	5.1	1.03 -	0.17 -	6.24	1208.	48.	12.
2396	0000	-835	37.4570	81.3941	PPNR	0.8	0.6 --	5.0	0.78 --	0.12 ---	6.70	1148.	48.	14.
2397	0000	-834	37.4570	81.3947	PPNR	0.7	0.5 --	4.9	0.78 --	0.10 ---	7.52	1114.	51.	15.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-830	37.4570	81.3953	PPNR	0.6	0.6 --	4.8	0.96 -	0.13 --	7.61	1090.	52.	15.
2399	0000	-832	37.4570	81.3960	PPNR	0.6 -	0.8 -	4.5 -	1.33	0.18 -	7.28	1093.	53.	15.
2400	0000	-835	37.4570	81.3967	PPNR	0.6	1.2	4.6	1.85	0.26	7.11	1138.	53.	14.
2401	0000	-834	37.4570	81.3972	PPNR	0.7	1.5	4.8	2.27	0.32	7.19	1191.	54.	12.
2402	0000	-833	37.4570	81.3979	PPNR	0.7	1.6	4.8	2.25	0.34	6.64	1227.	56.	11.
2403	0000	-828	37.4570	81.3985	PPNR	0.8	1.6	5.2	1.96	0.30	6.61	1268.	56.	9.
2404	0000	-828	37.4570	81.3992	PPNR	0.8	1.8	5.2	2.14	0.34	6.29	1295.	57.	7.
2405	0000	-831	37.4570	81.3999	PPNR	0.9	1.8	4.9	2.09	0.37	5.68	1297.	56.	6.
2406	0000	-823	37.4570	81.4005	PPNR	0.8	1.9	5.1	2.23	0.36	6.15	1271.	55.	3.
2407	0000	-822	37.4570	81.4012	PPNR	0.8	1.7	5.0	2.17	0.35	6.21	1223.	56.	2.
2408	0000	-826	37.4570	81.4018	PPNR	0.8	1.5	4.9	1.82	0.31	5.96	1204.	56.	2.
2409	0000	-821	37.4570	81.4025	PPNR	0.8	1.4	5.4	1.71	0.27	6.42	1217.	52.	2.
2410	0000	-817	37.4570	81.4031	PPNR	0.8	1.7	5.2	2.01	0.32	6.31	1236.	50.	2.
2411	0000	-821	37.4570	81.4037	PPNR	0.9	1.6	5.4	1.79	0.29	6.08	1263.	49.	3.
2412	0000	-825	37.4570	81.4044	PPNR	1.0	1.6	6.1	1.64	0.26	6.41	1321.	52.	3.
2413	0000	-830	37.4570	81.4050	PPNR	1.1	1.4	6.4	1.34	0.23	5.96	1376.	54.	4.
2414	0000	-831	37.4570	81.4057	PPNR	1.2	1.4	6.8	1.24 -	0.21 -	5.87	1432.	56.	4.
2415	0000	-829	37.4570	81.4064	PPNR	1.1	1.7	7.1	1.46	0.24	6.17	1450.	60.	4.
2416	0000	-828	37.4570	81.4070	PPNR	1.2	1.9	7.0	1.59	0.26	6.02	1467.	63.	3.
2417	0000	-826	37.4570	81.4076	PPNR	1.2	1.9	7.0	1.57	0.27	5.89	1465.	64.	3.
2418	0000	-826	37.4570	81.4083	PPNR	1.1	1.9	6.9	1.67	0.28	6.00	1449.	63.	3.
2419	0000	-829	37.4570	81.4089	PPNR	1.1	1.9	6.4	1.72	0.30	5.70	1412.	61.	2.
2420	0000	-830	37.4570	81.4096	PPNR	1.0	2.1	6.4	2.08	0.34	6.18	1382.	58.	1.
2421	0000	-829	37.4570	81.4102	PPNR	1.0	2.2	6.0	2.30	0.38 +	6.10	1349.	55.	1.
2422	0000	-829	37.4570	81.4109	PPNR	1.0	2.1	5.6	2.19	0.38 +	5.81	1316.	52.	1.
2423	0000	-834	37.4570	81.4115	PPNR	1.0	1.9	5.4	1.97	0.35	5.66	1287.	49.	1.
2424	0000	-838	37.4570	81.4122	PPNR	0.9	1.9	5.0	2.03	0.38 +	5.37 -	1253.	50.	2.
2425	0000	-837	37.4570	81.4129	PPNR	0.9	1.9	5.0	2.14	0.39 +	5.55	1240.	51.	2.
2426	0000	-835	37.4570	81.4136	PPNR	0.9	1.9	5.0	2.12	0.37	5.70	1220.	50.	2.
2427	0000	-842	37.4570	81.4142	PPNR	0.9	1.6	4.8	1.81	0.33	5.54	1192.	49.	3.
2428	0000	-848	37.4570	81.4148	PPNR	0.9	1.4	4.7	1.58	0.29	5.48	1172.	49.	4.
2429	0000	-849	37.4570	81.4155	PPNR	0.8	1.3	5.0	1.54	0.26	6.03	1168.	51.	4.
2430	0000	-843	37.4570	81.4162	PPNR	0.8	1.4	5.0	1.85	0.29	6.41	1162.	53.	4.
2431	0000	-837	37.4570	81.4168	PPNR	0.7	1.3	5.3	1.69	0.24	7.01	1140.	54.	4.
2432	0000	-849	37.4570	81.4175	PPNR	0.7	1.1 -	5.2	1.53	0.22	6.93	1129.	53.	4.
2433	0000	-859	37.4570	81.4181	PPNR	0.8	1.2	5.5	1.52	0.21	7.14	1173.	53.	5.
2434	0000	-847	37.4570	81.4188	PPNR	0.9	1.3	5.6	1.48	0.23	6.47	1247.	53.	5.
2435	0000	-843	37.4569	81.4194	PPNR	1.0	1.6	6.0	1.71	0.27	6.29	1326.	52.	4.
2436	0000	-847	37.4569	81.4200	PPNR	1.1	1.7	6.4	1.50	0.26	5.73	1414.	51.	4.
2437	0000	-844	37.4569	81.4207	PPNR	1.3 +	1.8	6.5	1.44	0.28	5.19 -	1497.	52.	4.
2438	0000	-850	37.4569	81.4213	PPNR	1.4 +	2.0	6.9	1.48	0.29	5.01 -	1620.	51.	4.
2439	0000	-853	37.4569	81.4220	PPNR	1.5 +	2.1	7.5 +	1.43	0.28	5.04 -	1726.	53.	4.
2440	0000	-851	37.4569	81.4227	PPNR	1.6 ++	2.1	7.7 +	1.35	0.28	4.87 -	1779.	53.	3.
2441	0000	-865	37.4569	81.4233	PPNR	1.6 ++	2.3 +	7.9 +	1.41	0.29	4.86 -	1809.	53.	3.
2442	0000	-865	37.4569	81.4240	PPNR	1.6 ++	2.3 +	8.1 +	1.39	0.28	4.95 -	1824.	53.	4.
2443	0000	-852	37.4569	81.4246	PPNR	1.6 ++	2.3	8.0 +	1.43	0.28	5.10 -	1821.	52.	4.
2444	0000	-854	37.4569	81.4252	PPNR	1.6 ++	2.1	8.4 +	1.35	0.25	5.39 -	1823.	52.	3.
2445	0000	-851	37.4569	81.4259	PPNR	1.5 +	2.0	8.4 +	1.33	0.24	5.49	1797.	51.	2.
2446	0000	-844	37.4569	81.4265	PPNR	1.5 +	2.0	8.2 +	1.34	0.24	5.47	1750.	53.	3.
2447	0000	-847	37.4569	81.4272	PPNR	1.4 +	2.1	7.9 +	1.49	0.27	5.52	1707.	53.	2.
2448	0000	-843	37.4569	81.4278	PPNR	1.3 +	2.0	7.4 +	1.54	0.27	5.71	1636.	56.	2.

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STAT. ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-837	37.4569	81.4285	PPNR	1.2	1.9	7.4	1.52	0.25	6.06	1561.	57.	2.
2450	0000	-834	37.4569	81.4292	PPNR	1.1	1.7	6.8	1.55	0.26	6.02	1466.	57.	2.
2451	0000	-827	37.4569	81.4299	PPNR	1.0	1.6	6.3	1.52	0.25	6.05	1369.	57.	4.
2452	0000	-826	37.4569	81.4305	PPNR	0.9	1.4	6.2	1.45	0.22	6.53	1282.	57.	4.
2453	0000	-825	37.4569	81.4311	PPNR	0.9	1.3	6.1	1.54	0.22	7.00	1237.	54.	5.
2454	0000	-820	37.4569	81.4318	PPNR	0.8	1.2	5.9	1.51	0.21 -	7.29	1208.	53.	6.
2455	0000	-824	37.4569	81.4324	PPNR	0.8	1.1 -	6.2	1.35	0.19 -	7.30	1208.	50.	5.
2456	0000	-824	37.4569	81.4331	PPNR	0.9	1.2	6.0	1.35	0.20 -	6.75	1223.	51.	5.
2457	0000	-821	37.4570	81.4337	PPNR	1.0	1.4	6.3	1.45	0.22	6.54	1289.	50.	4.
2458	0000	-826	37.4570	81.4344	PPNR	1.0	1.6	6.0	1.69	0.27	6.20	1301.	49.	3.
2459	0000	-824	37.4570	81.4350	PPNR	1.0	1.8	5.8	1.80	0.31	5.88	1315.	48.	2.
2460	0000	-822	37.4570	81.4357	PPNR	1.0	1.7	5.6	1.83	0.31	5.91	1306.	49.	2.
2461	0000	-829	37.4570	81.4363	PPNR	1.0	1.8	5.8	1.87	0.30	6.15	1300.	49.	1.
2462	0000	-825	37.4569	81.4370	PPNR	0.9	1.9	5.8	2.08	0.33	6.28	1305.	48.	1.
2463	0000	-822	37.4569	81.4376	PPNR	0.9	1.7	5.9	1.93	0.29	6.61	1305.	47.	2.
2464	0000	-825	37.4569	81.4383	PPNR	0.9	1.7	5.6	1.93	0.30	6.51	1283.	49.	3.
2465	0000	-824	37.4569	81.4389	PPNR	0.9	1.4	6.1	1.62	0.23	6.93	1299.	50.	5.
2466	0000	-825	37.4569	81.4396	PPNR	0.9	1.3	6.0	1.50	0.22	6.68	1323.	53.	6.
2467	0000	-830	37.4569	81.4402	PPNR	1.0	1.2 -	6.0	1.20 -	0.19 -	6.22	1346.	51.	8.
2468	0000	-831	37.4569	81.4409	PPNR	1.0	1.1 -	5.8	1.05 -	0.18 -	5.82	1359.	51.	10.
2469	0000	-827	37.4569	81.4415	PPNR	1.0	0.8 -	5.7	0.73 --	0.13 --	5.48	1358.	54.	12.
2470	0000	-820	37.4569	81.4422	PPNR	1.0	0.7 -	5.6	0.67 ---	0.12 --	5.54	1323.	56.	13.
2471	0000	-820	37.4569	81.4428	PPNR	0.9	0.5 --	5.8	0.55 ---	0.09 ---	6.13	1282.	55.	13.
2472	0000	-823	37.4569	81.4435	PPNR	0.9	0.5 --	5.7	0.60 ---	0.10 ---	6.29	1266.	54.	14.
2473	0000	-818	37.4569	81.4442	PPNR	0.8	0.6 -	5.5	0.75 --	0.12 ---	6.45	1233.	54.	14.
2474	0000	-822	37.4569	81.4448	PPNR	0.8	0.7 -	5.2	0.87 --	0.13 --	6.56	1214.	56.	14.
2475	0000	-825	37.4569	81.4455	PPNR	0.8	0.9 -	5.1	1.23 -	0.18 -	6.67	1199.	56.	13.
2476	0000	-820	37.4569	81.4462	PPNR	0.7	0.9 -	5.2	1.31 -	0.18 -	7.19	1178.	54.	13.
2477	0000	-821	37.4569	81.4468	PPNR	0.7	1.1 -	5.0	1.51	0.21	7.05	1181.	53.	12.
2478	0000	-823	37.4569	81.4475	PPNR	0.8	1.1 -	4.8	1.37	0.22	6.31	1186.	51.	13.
2479	0000	-823	37.4569	81.4480	PPNR	0.8	1.0 -	4.5 -	1.27 -	0.21	5.97	1168.	52.	13.
2480	0000	-824	37.4569	81.4487	PPNR	0.8	0.9 -	4.8	1.18 -	0.19 -	6.23	1161.	54.	12.
2481	0000	-820	37.4569	81.4494	PPNR	0.8	1.0 -	4.7	1.30 -	0.21	6.09	1149.	55.	12.
2482	0000	-824	37.4569	81.4500	PPNR	0.7	0.9 -	5.1	1.21 -	0.18 -	6.85	1161.	55.	12.
2483	0000	-827	37.4569	81.4507	PPNR	0.7	1.2	5.1	1.57	0.23	6.86	1190.	57.	11.
2484	0000	-825	37.4569	81.4513	PPNR	0.8	1.1 -	5.5	1.45	0.20 -	7.13	1207.	57.	10.
2485	0000	-829	37.4569	81.4520	PPNR	0.7	1.3	5.5	1.88	0.24	7.80	1210.	58.	8.
2486	0000	-826	37.4569	81.4526	PPNR	0.6	1.7	5.7	2.65 +	0.29	9.00 +	1208.	57.	7.
2487	0000	-819	37.4569	81.4532	PPNR	0.7	1.7	5.8	2.58 +	0.30	8.73 +	1231.	55.	7.
2488	0000	-825	37.4569	81.4539	PPNR	0.7	1.5	6.0	2.14	0.25	8.47 +	1240.	55.	7.
2489	0000	-829	37.4569	81.4546	PPNR	0.7	1.4	5.8	1.94	0.25	7.73	1228.	55.	7.
2490	0000	-821	37.4569	81.4552	PPNR	0.7	1.5	5.4	2.06	0.28	7.36	1203.	55.	7.
2491	0000	-819	37.4569	81.4559	PPNR	0.8	1.6	5.1	2.11	0.31	6.84	1189.	55.	8.
2492	0000	-830	37.4569	81.4565	PPNR	0.8	1.4	5.1	1.73	0.27	6.42	1184.	53.	9.
2493	0000	-833	37.4569	81.4572	PPNR	0.8	1.2	5.1	1.46	0.24	5.99	1197.	55.	10.
2494	0000	-824	37.4569	81.4578	PPNR	0.8	1.2	5.0	1.49	0.25	6.04	1187.	55.	10.
2495	0000	-824	37.4569	81.4584	PPNR	0.8	1.3	4.7	1.61	0.27	5.88	1179.	54.	10.
2496	0000	-831	37.4569	81.4591	PPNR	0.8	1.2	4.9	1.50	0.24	6.18	1163.	53.	11.
2497	0000	-831	37.4569	81.4598	PPNR	0.7	0.8 -	5.1	1.14 -	0.17 -	6.86	1131.	53.	11.
2498	0000	-828	37.4569	81.4605	PPNR	0.7	0.8 -	5.0	1.06 -	0.16 --	6.80	1107.	53.	10.
2499	0000	-828	37.4568	81.4611	PPNR	0.7	0.9 -	5.0	1.20 -	0.17 -	7.06	1085.	54.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-832	37.4568	81.4618	PPNR	0.7	0.7 -	5.4	0.99 -	0.13 --	7.61	1079.	50.	8.
2501	0000	-834	37.4568	81.4624	PPNR	0.7	0.8 -	5.2	1.24 -	0.16 --	7.82	1088.	52.	7.
2502	0000	-829	37.4568	81.4631	PPNR	0.6	1.2	5.3	1.91	0.23	8.43 +	1092.	52.	5.
2503	0000	-828	37.4568	81.4637	PPNR	0.6 -	1.5	4.8	2.53	0.32	7.99 +	1110.	51.	4.
2504	0000	-826	37.4568	81.4644	PPNR	0.6 -	1.8	4.8	3.15 +	0.38 +	8.37 +	1142.	48.	3.
2505	0000	-824	37.4568	81.4650	PPNR	0.6 -	2.1	4.8	3.70 ++	0.43 +	8.53 +	1170.	47.	2.
2506	0000	-834	37.4568	81.4657	PPNR	0.6 -	2.0	5.0	3.28 +	0.41 +	7.97 +	1214.	47.	2.
2507	0000	-836	37.4568	81.4663	PPNR	0.7	2.2	4.9	3.41 +	0.46 +	7.40	1240.	49.	2.
2508	0000	-830	37.4568	81.4670	PPNR	0.7	2.1	5.2	3.12 +	0.41 +	7.53	1258.	48.	3.
2509	0000	-824	37.4568	81.4676	PPNR	0.7	1.8	5.4	2.53	0.34	7.44	1287.	47.	4.
2510	0000	-820	37.4568	81.4683	PPNR	0.8	1.6	5.8	2.00	0.27	7.50	1307.	48.	4.
2511	0000	-828	37.4568	81.4689	PPNR	0.8	1.5	5.8	1.79	0.26	6.92	1316.	52.	5.
2512	0000	-838	37.4568	81.4695	PPNR	0.9	1.3	5.9	1.55	0.23	6.79	1330.	53.	5.
2513	0000	-833	37.4569	81.4702	PPNR	0.8	1.5	6.0	1.73	0.24	7.08	1340.	53.	6.
2514	0000	-827	37.4569	81.4709	PPNR	0.9	1.3	6.0	1.45	0.21	6.78	1359.	52.	6.
2515	0000	-831	37.4569	81.4715	PPNR	0.9	1.2	5.6	1.30 -	0.22	5.97	1360.	53.	7.
2516	0000	-835	37.4569	81.4722	PPNR	1.0	1.2	5.7	1.21 -	0.21 -	5.86	1360.	55.	7.
2517	0000	-833	37.4569	81.4728	PPNR	1.0	1.3	5.6	1.33	0.23	5.72	1362.	56.	7.
2518	0000	-832	37.4569	81.4735	PPNR	1.0	1.1 -	5.7	1.18 -	0.20 -	5.90	1368.	56.	8.
2519	0000	-828	37.4569	81.4741	PPNR	1.0	1.0 -	5.7	1.10 -	0.18 -	5.96	1364.	56.	9.
2520	0000	-824	37.4569	81.4747	PPNR	0.9	0.9 -	5.3	1.00 -	0.18 -	5.68	1333.	56.	10.
2521	0000	-829	37.4569	81.4755	PPNR	0.9	1.1 -	4.9	1.24 -	0.22	5.54	1279.	58.	10.
2522	0000	-830	37.4569	81.4761	PPNR	0.8	0.9 -	4.9	1.05 -	0.17 -	6.03	1223.	54.	10.
2523	0000	-824	37.4568	81.4767	PPNR	0.7	0.8 -	4.7	1.13 -	0.17 -	6.53	1162.	54.	10.
2524	0000	-826	37.4568	81.4774	PPNR	0.7	0.8 -	4.6	1.19 -	0.17 -	7.02	1099.	52.	10.
2525	0000	-826	37.4568	81.4780	PPNR	0.6 -	0.9 -	4.4 -	1.39	0.19 -	7.18	1032.	52.	9.
2526	0000	-822	37.4568	81.4787	PPNR	0.6 -	0.8 -	4.4 -	1.40	0.19 -	7.56	997.	51.	8.
2527	0000	-827	37.4568	81.4794	PPNR	0.6 -	0.8 -	4.3 -	1.35	0.18 -	7.38	988.	50.	7.
2528	0000	-827	37.4568	81.4800	PPNR	0.6 -	0.8 -	4.4 -	1.33	0.17 -	7.68	981.	50.	6.
2529	0000	-824	37.4568	81.4807	PPNR	0.6 -	1.1 -	4.5 -	1.97	0.25	7.89	1005.	51.	5.
2530	0000	-829	37.4568	81.4813	PPNR	0.6 -	1.1 -	4.4 -	1.90	0.26	7.28	1019.	51.	5.
2531	0000	-827	37.4568	81.4819	PPNR	0.7	1.3	4.4 -	1.95	0.29	6.70	1046.	53.	4.
2532	0000	-824	37.4568	81.4826	PPNR	0.7	1.3	4.7	1.75	0.27	6.55	1093.	53.	5.
2533	0000	-826	37.4568	81.4832	PPNR	0.8	1.4	4.5 -	1.75	0.31	5.71	1109.	55.	5.
2534	0000	-822	37.4568	81.4839	PPNR	0.8	1.4	4.8	1.83	0.30	6.15	1116.	55.	4.
2535	0000	-821	37.4568	81.4846	PPNR	0.8	1.4	4.8	1.79	0.28	6.30	1127.	56.	4.
2536	0000	-825	37.4568	81.4852	PPNR	0.7	1.4	4.8	1.87	0.29	6.54	1110.	57.	4.
2537	0000	-824	37.4568	81.4859	PPNR	0.7	1.5	4.8	2.10	0.31	6.81	1087.	58.	4.
2538	0000	-824	37.4568	81.4865	PPNR	0.6	1.2	4.4 -	1.92	0.28	6.98	1052.	57.	5.
2539	0000	-823	37.4568	81.4871	PPNR	0.6 -	1.2	4.1 -	2.02	0.30	6.78	1022.	55.	5.
2540	0000	-818	37.4568	81.4878	PPNR	0.6 -	1.1 -	4.1 -	1.91	0.27	7.02	1006.	54.	5.
2541	0000	-816	37.4568	81.4884	PPNR	0.6 -	1.1 -	3.9 -	1.85	0.27	6.76	982.	54.	6.
2542	0000	-819	37.4568	81.4891	PPNR	0.6 -	1.3	3.9 -	2.15	0.32	6.75	986.	54.	6.
2543	0000	-818	37.4568	81.4897	PPNR	0.6 -	1.3	3.6 -	2.03	0.35	5.76	1013.	52.	6.
2544	0000	-818	37.4568	81.4904	PPNR	0.7	1.2 -	3.6 -	1.61	0.32	5.10 -	1051.	52.	7.
2545	0000	-818	37.4568	81.4911	PPNR	0.8	1.2	4.1 -	1.59	0.30	5.34 -	1097.	53.	7.
2546	0000	-819	37.4568	81.4918	PPNR	0.8	1.3	3.9 -	1.66	0.33	5.02 -	1114.	56.	7.
2547	0000	-821	37.4568	81.4924	PPNR	0.8	1.4	4.0 -	1.67	0.34	4.89 -	1123.	57.	7.
2548	0000	-822	37.4568	81.4930	PPNR	0.8	1.4	3.9 -	1.71	0.37 +	4.58 -	1155.	56.	7.
2549	0000	-819	37.4568	81.4937	PPNR	0.9	1.4	3.8 -	1.60	0.38 +	4.20 --	1173.	54.	8.
2550	0000	-819	37.4568	81.4944	PPNR	0.9	1.2	4.2 -	1.35	0.29	4.67 -	1165.	54.	8.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-820	37.4568	81.4950	PPNR	0.9	1.3	4.2 -	1.47	0.30	4.84 -	1151.	53.	8.
2552	0000	-817	37.4568	81.4956	PPNR	0.9	1.2 -	4.0 -	1.36	0.29	4.74 -	1123.	54.	8.
2553	0000	-816	37.4568	81.4963	PPNR	0.9	1.1 -	3.9 -	1.29 -	0.28	4.54 -	1111.	52.	8.
2554	0000	-820	37.4568	81.4970	PPNR	0.8	1.2	3.9 -	1.55	0.31	4.93 -	1122.	50.	8.
2555	0000	-821	37.4568	81.4976	PPNR	0.8	1.3	4.0 -	1.58	0.31	5.04 -	1103.	52.	8.
2556	0000	-817	37.4568	81.4982	PPNR	0.8	1.1 -	4.0 -	1.35	0.26	5.11 -	1090.	54.	7.
2557	0000	-815	37.4568	81.4989	PPNR	0.8	1.2	3.7 -	1.55	0.32	4.72 -	1090.	55.	7.
2558	0000	-818	37.4568	81.4995	PPNR	0.8	1.3	3.8 -	1.71	0.34	4.95 -	1097.	55.	6.
2559	0000	-815	37.4568	81.5002	PPNR	0.8	1.5	3.7 -	1.89	0.39 +	4.85 -	1116.	54.	6.
2560	0000	-808	37.4568	81.5009	PPNR	0.8	1.5	4.1 -	1.97	0.37	5.35 -	1124.	54.	4.
2561	0000	-810	37.4568	81.5015	PPNR	0.8	1.5	3.9 -	1.90	0.38 +	5.00 -	1106.	55.	4.
2562	0000	-815	37.4568	81.5022	PPNR	0.8	1.8	3.6 -	2.38	0.50 ++	4.74 -	1091.	54.	3.
2563	0000	-813	37.4567	81.5027	PPNR	0.7	2.0	3.5 -	2.76 +	0.58 ++	4.74 -	1085.	52.	2.
2564	0000	-809	37.4567	81.5034	PPNR	0.7	2.1	3.7 -	2.83 +	0.56 ++	5.08 -	1086.	50.	2.
2565	0000	-812	37.4567	81.5041	PPNR	0.7	2.3 +	3.8 -	3.27 +	0.61 ++	5.34 -	1105.	50.	2.
2566	0000	-809	37.4567	81.5047	PPNR	0.7	2.4 +	4.0 -	3.30 +	0.59 ++	5.56	1135.	50.	3.
2567	0000	-803	37.4567	81.5054	PPNR	0.7	2.4 +	4.0 -	3.43 +	0.59 ++	5.83	1152.	51.	4.
2568	0000	-799	37.4567	81.5060	PPNR	0.7	2.4 +	4.5 -	3.40 +	0.53 ++	6.36	1202.	50.	4.
2569	0000	-800	37.4568	81.5067	PPNR	0.8	2.1	5.2	2.80 +	0.41 +	6.80	1267.	51.	5.
2570	0000	-803	37.4568	81.5072	PPNR	0.8	2.1	5.6	2.67 +	0.38 +	7.09	1318.	53.	6.
2571	0000	-804	37.4568	81.5079	PPNR	0.8	2.0	5.6	2.61 +	0.36	7.18	1330.	53.	7.
2572	0000	-809	37.4568	81.5085	PPNR	0.8	1.7	5.6	2.12	0.30	7.02	1315.	50.	8.
2573	0000	-810	37.4568	81.5092	PPNR	0.8	1.7	5.5	2.19	0.31	7.05	1282.	48.	7.
2574	0000	-804	37.4568	81.5097	PPNR	0.8	1.5	5.5	1.85	0.27	6.80	1288.	48.	8.
2575	0000	-807	37.4568	81.5104	PPNR	0.8	1.4	5.5	1.78	0.26	6.84	1245.	47.	8.
2576	0000	-811	37.4568	81.5109	PPNR	0.8	1.3	5.4	1.73	0.25	7.01	1210.	46.	7.
2577	0000	-808	37.4568	81.5116	PPNR	0.8	1.3	5.3	1.67	0.24	7.00	1179.	45.	7.
2578	0000	-807	37.4568	81.5122	PPNR	0.8	1.2	5.3	1.53	0.22	6.91	1173.	47.	7.
2579	0000	-802	37.4568	81.5128	PPNR	0.8	1.3	5.2	1.63	0.25	6.56	1175.	51.	7.
2580	0000	-800	37.4568	81.5134	PPNR	0.8	1.1 -	4.9	1.40	0.23	6.05	1166.	50.	7.
2581	0000	-808	37.4568	81.5140	PPNR	0.8	1.2	4.7	1.52	0.25	6.08	1136.	49.	7.
2582	0000	-808	37.4568	81.5146	PPNR	0.8	1.3	4.6	1.64	0.28	5.91	1144.	49.	6.
2583	0000	-802	37.4568	81.5153	PPNR	0.8	1.3	4.4 -	1.66	0.30	5.47	1151.	48.	6.
2584	0000	-804	37.4568	81.5158	PPNR	0.8	1.4	4.2 -	1.79	0.33	5.38 -	1141.	51.	5.
2585	0000	-805	37.4568	81.5165	PPNR	0.8	1.5	4.2 -	1.91	0.35	5.39 -	1139.	48.	4.
2586	0000	-806	37.4568	81.5171	PPNR	0.8	1.6	4.2 -	2.10	0.38 +	5.47	1159.	47.	4.
2587	0000	-804	37.4568	81.5176	PPNR	0.8	1.9	4.4 -	2.34	0.42 +	5.58	1225.	50.	3.
2588	0000	-802	37.4568	81.5183	PPNR	0.8	2.2	5.0	2.66 +	0.44 +	6.10	1294.	50.	3.
2589	0000	-802	37.4568	81.5189	PPNR	0.8	2.2	5.0	2.68 +	0.43 +	6.17	1322.	51.	3.
2590	0000	-797	37.4568	81.5195	PPNR	0.8	2.2	5.3	2.76 +	0.41 +	6.75	1325.	51.	3.
2591	0000	-793	37.4568	81.5201	PPNR	0.9	2.1	5.4	2.52	0.40 +	6.34	1342.	49.	3.
2592	0000	-798	37.4568	81.5207	PPNR	0.9	2.1	5.6	2.33	0.38 +	6.10	1385.	52.	3.
2593	0000	-801	37.4568	81.5213	PPNR	1.0	2.1	5.9	2.02	0.35	5.76	1433.	51.	4.
2594	0000	-800	37.4568	81.5219	PPNR	1.0	2.1	6.3	2.02	0.33	6.08	1442.	51.	4.
2595	0000	-799	37.4568	81.5225	PPNR	1.1	1.9	5.9	1.76	0.31	5.59	1448.	52.	5.
2596	0000	-796	37.4568	81.5232	PPNR	1.1	1.8	6.5	1.65	0.28	5.87	1491.	51.	7.
2597	0000	-793	37.4568	81.5237	PPNR	1.1	1.8	6.5	1.60	0.28	5.73	1515.	50.	7.
2598	0000	-793	37.4568	81.5244	PPNR	1.1	1.8	6.5	1.66	0.28	5.85	1531.	49.	9.
2599	0000	-795	37.4568	81.5250	PPNR	1.1	1.6	6.8	1.53	0.24	6.29	1523.	47.	10.
2600	0000	-793	37.4568	81.5256	PPNR	1.0	1.6	6.6	1.62	0.24	6.75	1496.	47.	11.
2601	0000	-792	37.4568	81.5262	PPNR	0.9	1.5	6.7	1.59	0.22	7.20	1476.	47.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-797	37.4568	81.5269	PPNR	1.0	1.5	6.7	1.60	0.23	6.97	1460.	47.	11.
2603	0000	-799	37.4568	81.5275	PPNR	1.0	1.4	6.0	1.49	0.23	6.33	1426.	47.	12.
2604	0000	-795	37.4568	81.5280	PPNR	0.9	1.5	5.7	1.55	0.26	6.04	1421.	47.	12.
2605	0000	-789	37.4568	81.5287	PPNR	0.9	1.5	5.7	1.56	0.26	6.07	1418.	47.	11.
2606	0000	-787	37.4568	81.5292	PPNR	0.9	1.8	5.2	1.95	0.35	5.54	1423.	48.	10.
2607	0000	-786	37.4568	81.5298	PPNR	1.0	1.9	5.4	1.83	0.35	5.26 -	1430.	49.	8.
2608	0000	-788	37.4568	81.5305	PPNR	1.1	1.9	5.0	1.72	0.38 +	4.53 -	1435.	50.	8.
2609	0000	-789	37.4568	81.5311	PPNR	1.0	1.9	5.0	1.87	0.38 +	4.85 -	1427.	51.	7.
2610	0000	-789	37.4568	81.5317	PPNR	1.0	2.0	5.4	2.02	0.37	5.49	1422.	52.	5.
2611	0000	-789	37.4568	81.5323	PPNR	1.0	2.2	5.7	2.19	0.38 +	5.74	1450.	54.	4.
2612	0000	-790	37.4568	81.5329	PPNR	1.0	2.4 +	5.8	2.41	0.42 +	5.70	1486.	54.	4.
2613	0000	-790	37.4568	81.5336	PPNR	1.0	2.4 +	5.6	2.40	0.42 +	5.69	1469.	56.	3.
2614	0000	-786	37.4568	81.5341	PPNR	0.9	2.3 +	5.7	2.45	0.40 +	6.07	1431.	55.	3.
2615	0000	-787	37.4568	81.5348	PPNR	0.9	2.1	5.9	2.49	0.36	6.89	1385.	56.	3.
2616	0000	-791	37.4568	81.5354	PPNR	0.9	2.2	5.8	2.52	0.37	6.79	1357.	57.	3.
2617	0000	-789	37.4568	81.5360	PPNR	0.9	2.3	5.7	2.64 +	0.39 +	6.71	1345.	57.	3.
2618	0000	-781	37.4568	81.5366	PPNR	0.8	2.0	5.7	2.41	0.35	6.84	1315.	54.	4.
2619	0000	-779	37.4568	81.5372	PPNR	0.8	1.7	5.8	2.06	0.29	7.10	1285.	56.	5.
2620	0000	-784	37.4568	81.5378	PPNR	0.8	1.6	5.9	2.02	0.28	7.24	1292.	54.	6.
2621	0000	-789	37.4568	81.5384	PPNR	0.8	1.6	5.6	1.93	0.28	6.80	1311.	52.	7.
2622	0000	-787	37.4568	81.5390	PPNR	0.8	1.7	5.3	2.04	0.32	6.29	1329.	49.	7.
2623	0000	-786	37.4568	81.5396	PPNR	0.9	1.5	5.5	1.77	0.28	6.41	1336.	46.	9.
2624	0000	-786	37.4568	81.5402	PPNR	0.9	1.5	5.0	1.71	0.30	5.77	1324.	47.	10.
2625	0000	-782	37.4568	81.5408	PPNR	0.9	1.6	5.0	1.91	0.33	5.82	1318.	49.	9.
2626	0000	-782	37.4569	81.5415	PPNR	0.8	1.9	4.8	2.30	0.38 +	5.99	1307.	47.	8.
2627	0000	-783	37.4569	81.5421	PPNR	0.8	1.6	5.1	1.99	0.32	6.26	1294.	46.	8.
2628	0000	-776	37.4569	81.5427	PPNR	0.8	1.8	5.0	2.30	0.35	6.56	1279.	50.	7.
2629	0000	-775	37.4569	81.5433	PPNR	0.8	1.8	5.0	2.26	0.35	6.47	1289.	52.	7.
2630	0000	-778	37.4569	81.5440	PPNR	0.8	2.0	5.0	2.51	0.40 +	6.23	1318.	53.	5.
2631	0000	-777	37.4569	81.5445	PPNR	0.8	1.9	5.5	2.31	0.34	6.76	1335.	53.	5.
2632	0000	-777	37.4569	81.5452	PPNR	0.8	1.8	5.1	2.08	0.34	6.07	1334.	51.	6.
2633	0000	-778	37.4568	81.5457	PPNR	0.9	1.4	5.3	1.56	0.26	6.03	1316.	52.	6.
2634	0000	-777	37.4568	81.5464	PPNR	0.9	1.5	4.9	1.79	0.31	5.70	1304.	54.	7.
2635	0000	-778	37.4568	81.5470	PPNR	0.9	1.5	5.1	1.68	0.28	5.92	1302.	50.	7.
2636	0000	-778	37.4568	81.5476	PPNR	0.9	1.4	5.3	1.60	0.27	5.99	1278.	50.	7.
2637	0000	-777	37.4568	81.5482	PPNR	0.9	1.3	5.0	1.54	0.27	5.79	1257.	49.	8.
2638	0000	-777	37.4568	81.5488	PPNR	0.9	1.4	4.8	1.59	0.29	5.52	1256.	48.	8.
2639	0000	-776	37.4568	81.5494	PPNR	0.9	1.4	4.8	1.64	0.29	5.57	1237.	49.	7.
2640	0000	-773	37.4569	81.5500	PPNR	0.8	1.4	4.4 -	1.70	0.33	5.19 -	1206.	49.	8.
2641	0000	-766	37.4569	81.5506	PPNR	0.8	1.3	4.6	1.56	0.29	5.48	1189.	50.	7.
2642	0000	-767	37.4569	81.5512	PPNR	0.8	1.3	4.7	1.56	0.27	5.73	1173.	52.	7.
2643	0000	-777	37.4569	81.5519	PPNR	0.8	1.1 -	4.7	1.37	0.23	6.00	1161.	52.	7.
2644	0000	-777	37.4569	81.5524	PPNR	0.7	1.0 -	5.0	1.31 -	0.20 -	6.70	1134.	54.	7.
2645	0000	-771	37.4569	81.5531	PPNR	0.7	1.1 -	5.1	1.45	0.21 -	7.08	1112.	54.	6.
2646	0000	-772	37.4569	81.5537	PPNR	0.7	0.8 -	5.6	1.03 -	0.14 --	7.45	1122.	56.	7.
2647	0000	-774	37.4569	81.5543	PPNR	0.8	0.8 -	6.0	1.04 -	0.14 --	7.56	1176.	55.	7.
2648	0000	-775	37.4569	81.5549	PPNR	0.9	1.0 -	6.1	1.09 -	0.16 --	6.87	1232.	55.	8.
2649	0000	-773	37.4569	81.5555	PPNR	0.9	1.0 -	5.9	1.08 -	0.17 -	6.26	1287.	55.	9.
2650	0000	-774	37.4569	81.5561	PPNR	1.0	1.0 -	6.3	1.03 -	0.16 -	6.29	1360.	54.	9.
2651	0000	-777	37.4569	81.5567	PPNR	1.1	0.9 -	6.3	0.86 --	0.15 --	5.75	1422.	53.	10.
2652	0000	-770	37.4569	81.5573	PPNR	1.1	0.9 -	6.6	0.79 --	0.14 --	5.76	1489.	53.	11.

CP9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-766	37.4569	81.5580	PPNR	1.2	1.3	6.5	1.13 -	0.20 -	5.61	1544.	51.	11.
2654	0000	-768	37.4569	81.5585	PPNR	1.2	1.6	6.6	1.33	0.24	5.59	1598.	51.	10.
2655	0000	-764	37.4569	81.5592	PPNR	1.1	1.7	6.8	1.47	0.24	6.01	1631.	50.	11.
2656	0000	-764	37.4569	81.5598	PPNR	1.1	1.7	7.0	1.50	0.24	6.24	1627.	50.	11.
2657	0000	-768	37.4569	81.5603	PPNR	1.1	1.8	6.6	1.68	0.28	6.08	1594.	49.	10.
2658	0000	-769	37.4569	81.5610	PPNR	1.0	2.2	6.7	2.30	0.33	6.96	1551.	51.	8.
2659	0000	-765	37.4569	81.5616	PPNR	0.9	2.2	6.6	2.53	0.34	7.48	1465.	53.	7.
2660	0000	-764	37.4569	81.5623	PPNR	0.8	2.0	6.3	2.45	0.31	7.80	1370.	55.	6.
2661	0000	-768	37.4569	81.5628	PPNR	0.7	1.8	5.9	2.46	0.30	8.30 +	1268.	57.	6.
2662	0000	-767	37.4569	81.5635	PPNR	0.7	1.6	5.6	2.30	0.28	8.13 +	1180.	56.	6.
2663	0000	-762	37.4569	81.5641	PPNR	0.6	1.5	5.6	2.39	0.28	8.62 +	1147.	55.	6.
2664	0000	-766	37.4569	81.5647	PPNR	0.6 -	1.8	5.2	3.04 +	0.36	8.53 +	1128.	54.	5.
2665	0000	-768	37.4569	81.5653	PPNR	0.6 -	1.7	4.9	2.85 +	0.36	8.01 +	1117.	52.	6.
2666	0000	-764	37.4569	81.5659	PPNR	0.7	1.8	4.8	2.72 +	0.38 +	7.15	1152.	51.	5.
2667	0000	-770	37.4569	81.5665	PPNR	0.7	2.2	5.6	3.29 +	0.39 +	8.43 +	1220.	50.	5.
2668	0000	-774	37.4569	81.5671	PPNR	0.7	2.4 +	5.5	3.40 +	0.43 +	7.94 +	1270.	50.	5.
2669	0000	-772	37.4569	81.5677	PPNR	0.7	2.5 +	5.7	3.79 ++	0.45 +	8.48 +	1291.	49.	4.
2670	0000	-775	37.4569	81.5684	PPNR	0.7	2.7 +	5.3	3.93 ++	0.50 ++	7.82	1277.	50.	3.
2671	0000	-779	37.4569	81.5689	PPNR	0.7	2.6 +	5.4	3.82 ++	0.48 +	7.89	1271.	53.	2.
2672	0000	-779	37.4569	81.5696	PPNR	0.7	2.5 +	5.1	3.37 +	0.48 +	7.05	1274.	52.	2.
2673	0000	-782	37.4569	81.5702	PPNR	0.7	2.2	5.2	2.99 +	0.43 +	6.99	1279.	51.	2.
2674	0000	-786	37.4569	81.5707	PPNR	0.8	1.9	4.8	2.31	0.40 +	5.81	1277.	51.	3.
2675	0000	-789	37.4569	81.5714	PPNR	0.9	1.8	5.3	1.91	0.33	5.74	1308.	49.	4.
2676	0000	-785	37.4569	81.5720	PPNR	1.0	1.6	5.2	1.55	0.30	5.15 -	1371.	48.	6.
2677	0000	-785	37.4569	81.5726	PPNR	1.0	1.5	5.8	1.46	0.27	5.51	1428.	48.	6.
2678	0000	-795	37.4569	81.5732	PPNR	1.1	1.2	6.3	1.06 -	0.19 -	5.73	1470.	49.	8.
2679	0000	-790	37.4569	81.5739	PPNR	1.1	1.4	7.0	1.22 -	0.20 -	6.10	1554.	47.	8.
2680	0000	-780	37.4569	81.5744	PPNR	1.2	1.5	6.9	1.27 -	0.21	5.93	1609.	46.	9.
2681	0000	-785	37.4569	81.5750	PPNR	1.1	1.9	7.1	1.71	0.26	6.48	1647.	47.	9.
2682	0000	-784	37.4569	81.5757	PPNR	1.1	1.9	6.6	1.73	0.29	5.97	1644.	50.	10.
2683	0000	-785	37.4569	81.5763	PPNR	1.1	1.9	6.7	1.70	0.28	6.08	1637.	53.	10.
2684	0000	-791	37.4569	81.5769	PPNR	1.1	2.2	6.4	1.97	0.35	5.68	1672.	52.	10.
2685	0000	-785	37.4569	81.5775	PPNR	1.1	2.6 +	6.3	2.33	0.40 +	5.77	1695.	51.	10.
2686	0000	-782	37.4569	81.5781	PPNR	1.1	2.6 +	6.0	2.35	0.43 +	5.49	1653.	54.	11.
2687	0000	-787	37.4569	81.5788	PPNR	1.1	2.6 +	5.9	2.44	0.44 +	5.51	1623.	55.	11.
2688	0000	-787	37.4569	81.5793	PPNR	1.1	2.3 +	5.7	2.00	0.40 +	5.05 -	1611.	52.	12.
2689	0000	-784	37.4569	81.5800	PPNR	1.0	2.6 +	5.8	2.45	0.44 +	5.53	1629.	48.	11.
2690	0000	-777	37.4569	81.5806	PPNR	1.0	3.1 ++	6.0	3.09 +	0.51 ++	6.08	1667.	45.	10.
2691	0000	-773	37.4569	81.5811	PPNR	1.0	3.0 ++	6.4	3.02 +	0.46 +	6.54	1668.	45.	11.
2692	0000	-779	37.4569	81.5818	PPNR	1.0	2.8 +	6.5	2.80 +	0.43 +	6.48	1675.	45.	11.
2693	0000	-781	37.4569	81.5824	PPNR	1.0	2.8 ++	6.6	2.80 +	0.43 +	6.50	1698.	46.	9.
2694	0000	-780	37.4569	81.5830	PPNR	1.0	2.9 ++	7.0	2.92 +	0.42 +	7.02	1711.	45.	8.
2695	0000	-780	37.4569	81.5836	PPNR	0.9	3.1 ++	7.1	3.31 +	0.44 +	7.53	1706.	48.	8.
2696	0000	-776	37.4569	81.5842	PPNR	1.0	3.0 ++	7.2	3.04 +	0.41 +	7.45	1683.	50.	8.
2697	0000	-775	37.4570	81.5848	PPNR	1.0	2.6 +	6.9	2.65 +	0.37	7.10	1613.	50.	9.
2698	0000	-777	37.4570	81.5854	PPNR	0.9	2.6 +	6.6	2.73 +	0.39 +	7.05	1568.	50.	8.
2699	0000	-777	37.4570	81.5860	PPNR	1.0	2.6 +	6.5	2.74 +	0.41 +	6.72	1576.	50.	9.
2700	0000	-771	37.4570	81.5867	PPNR	1.0	2.6 +	6.9	2.56	0.38 +	6.81	1630.	47.	10.
2701	0000	-771	37.4570	81.5872	PPNR	1.1	2.6 +	7.0	2.44	0.37 +	6.52	1674.	46.	10.
2702	0000	-774	37.4570	81.5879	PPNR	1.2	2.4 +	7.1	2.03	0.34	6.03	1710.	42.	11.
2703	0000	-770	37.4569	81.5885	PPNR	1.2	2.3 +	7.2	1.95	0.32	6.11	1739.	43.	11.

CP 9 1P 12

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-770	37.4569	81.5892	PPNR	1.2	2.4 +	7.5 +	1.96	0.32	6.08	1776.	44.	11.
2705	0000	-773	37.4569	81.5897	PPNR	1.3 +	2.2	7.7 +	1.71	0.28	6.09	1793.	44.	11.
2706	0000	-767	37.4569	81.5903	PPNR	1.2 +	2.0	7.6 +	1.62	0.26	6.16	1757.	45.	11.
2707	0000	-764	37.4569	81.5910	PPNR	1.1	2.0	7.6 +	1.83	0.27	6.91	1684.	47.	10.
2708	0000	-766	37.4569	81.5915	PPNR	1.0	1.9	7.1	1.89	0.27	6.99	1602.	48.	11.
2709	0000	-762	37.4569	81.5922	PPNR	0.9	2.0	6.8	2.17	0.30	7.[illegible]	1513.	51.	10.
2710	0000	-758	37.4569	81.5927	PPNR	0.9	2.1	6.8	2.31	0.31	7.50	1446.	50.	9.
2711	0000	-758	37.4570	81.5934	PPNR	0.9	1.9	6.5	2.19	0.29	7.61	1392.	50.	9.
2712	0000	-763	37.4570	81.5940	PPNR	0.8	2.1	6.3	2.76 +	0.34	8.11 +	1358.	51.	8.
2713	0000	-763	37.4570	81.5946	PPNR	0.8	2.2	5.9	2.95 +	0.38 +	7.71	1338.	50.	7.
2714	0000	-754	37.4570	81.5952	PPNR	0.8	2.1	5.4	2.48	0.38 +	6.46	1338.	50.	7.
2715	0000	-757	37.4570	81.5958	PPNR	0.8	2.2	5.4	2.59 +	0.40 +	6.42	1357.	50.	5.
2716	0000	-762	37.4570	81.5964	PPNR	0.9	2.2	5.5	2.53	0.39 +	6.42	1392.	49.	5.
2717	0000	-754	37.4570	81.5971	PPNR	0.8	2.1	5.6	2.46	0.3[illegible]	6.56	1401.	48.	5.
2718	0000	-755	37.4570	81.5976	PPNR	0.8	2.1	5.3	2.54	0.40	6.28	1410.	48.	5.
2719	0000	-754	37.4570	81.5983	PPNR	0.9	1.9	5.1	2.12	0.38 +	5.55	1431.	46.	6.
2720	0000	-744	37.4570	81.5989	PPNR	0.9	2.1	5.5	2.41	0.38 +	6.28	1485.	46.	6.
2721	0000	-735	37.4569	81.5995	PPNR	0.9	2.2	5.7	2.55	0.38 +	6.64	1516.	44.	8.
2722	0000	-723	37.4569	81.6001	PPNR	0.9	2.2	5.5	2.35	0.39 +	6.00	1588.	44.	11.
2723	0000	-710	37.4569	81.6007	PPNR	0.9	2.5 +	5.4	2.77 +	0.46 +	5.97	1685.	44.	13.
2724	0000	-694	37.4569	81.6013	PPNR	1.0	2.8 +	5.8	2.80 +	0.48 +	5.90	1814.	44.	15.
2725	0000	-677	37.4569	81.6019	PPNR	1.0	3.4 ++	6.9	3.41 +	0.49 +	6.99	1984.	45.	17.
2726	0000	-689	37.4569	81.6025	PPNR	1.0	3.2 ++	7.4 +	3.10 +	0.43 +	7.28	2123.	45.	20.
2727	0000	-716	37.4569	81.6031	PPNR	1.1	3.1 ++	7.9 +	2.75 +	0.39 +	7.07	2246.	46.	22.
2728	0000	-731	37.4569	81.6037	PPNR	1.3 +	3.0 ++	8.6 +	2.39	0.35	6.85	2362.	46.	24.
2729	0000	-741	37.4569	81.6043	PPNR	1.3 +	3.4 +++	9.2 ++	2.63 +	0.37	7.18	2466.	45.	24.
2730	0000	-740	37.4569	81.6048	PPNR	1.4 +	3.5 +++	9.3 ++	2.52	0.37	6.79	2511.	46.	25.
2731	0000	-736	37.4569	81.6054	PPNR	1.4 +	3.4 +++	9.3 ++	2.45	0.37	6.65	2545.	46.	26.
2732	0000	-738	37.4569	81.6060	PPNR	1.5 +	2.8 ++	8.5 +	1.85	0.33	5.61	2547.	48.	27.
2733	0000	-730	37.4568	81.6066	PPNR	1.6 ++	3.0 ++	8.8 ++	1.87	0.34	5.58	2580.	48.	26.
2734	0000	-723	37.4568	81.6072	PPNR	1.6 ++	2.8 +	8.3 +	1.75	0.34	5.18 -	2476.	48.	25.
2735	0000	-724	37.4568	81.6078	PPNR	1.5 +	3.0 ++	7.3	2.04	0.41 +	5.00 -	2347.	48.	24.
2736	0000	-722	37.4568	81.6084	PPNR	1.4 +	2.5 +	6.7	1.84	0.38 +	4.86 -	2173.	51.	22.
2737	0000	-730	37.4568	81.6089	PPNR	1.3 +	2.2	6.6	1.68	0.33	5.12 -	2029.	49.	19.
2738	0000	-739	37.4568	81.6095	PPNR	1.2	2.1	6.3	1.74	0.33	5.31 -	1875.	49.	16.
2739	0000	-731	37.4568	81.6101	PPNR	1.1	2.1	6.3	1.95	0.33	5.90	1708.	47.	13.
2740	0000	-727	37.4568	81.6107	PPNR	0.9	2.2	5.8	2.31	0.38 +	6.12	1525.	46.	10.
2741	0000	-730	37.4568	81.6113	PPNR	0.8	2.3 +	5.7	2.79 +	0.41 +	6.76	1438.	45.	8.
2742	0000	-727	37.4568	81.6119	PPNR	0.8	2.3	5.6	2.80 +	0.40 +	6.91	1393.	46.	6.
2743	0000	-724	37.4568	81.6125	PPNR	0.8	2.1	5.8	2.55	0.37	6.95	1385.	45.	5.
2744	0000	-724	37.4568	81.6130	PPNR	0.8	1.9	5.7	2.28	0.34	6.76	1366.	48.	5.
2745	0000	-723	37.4567	81.6136	PPNR	0.8	1.8	5.4	2.28	0.34	6.74	1341.	48.	6.
2746	0000	-724	37.4567	81.6142	PPNR	0.8	1.9	5.3	2.51	0.36	6.90	1328.	49.	6.
2747	0000	-725	37.4567	81.6148	PPNR	0.7	1.8	5.1	2.40	0.35	6.90	1288.	49.	8.
2748	0000	-718	37.4567	81.6154	PPNR	0.8	1.6	4.9	2.13	0.32	6.58	1277.	50.	10.
2749	0000	-714	37.4567	81.6160	PPNR	0.8	1.4	5.0	1.86	0.29	6.53	1272.	49.	12.
2750	0000	-719	37.4567	81.6166	PPNR	0.7	1.6	4.6	2.25	0.34	6.62	1262.	50.	14.
2751	0000	-714	37.4567	81.6172	PPNR	0.7	1.5	4.6	2.11	0.33	6.43	1271.	48.	15.
2752	0000	-707	37.4566	81.6177	PPNR	0.8	1.2	4.7	1.53	0.26	5.87	1302.	49.	17.
2753	0000	-710	37.4566	81.6183	PPNR	0.8	1.1 -	4.7	1.31 -	0.23	5.67	1363.	46.	19.
2754	0000	-706	37.4566	81.6189	PPNR	0.9	0.9 -	4.9	1.00 -	0.19 -	5.25 -	1466.	47.	20.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-704	37.4566	81.6195	PPNR	1.0	1.4	5.2	1.41	0.26	5.36 -	1595.	47.	21.
2756	0000	-712	37.4566	81.6201	PPNR	0.9	2.0	5.8	2.14	0.35	6.14	1758.	47.	21.
2757	0000	-708	37.4566	81.6207	PPNR	1.1	2.3 +	6.5	2.12	0.36	5.95	1926.	48.	21.
2758	0000	-700	37.4566	81.6213	PPNR	1.1	2.7 +	6.7	2.50	0.41 +	6.14	1996.	48.	20.
2759	0000	-704	37.4565	81.6218	PPNR	1.1	3.2 ++	6.7	3.04 +	0.48 +	6.32	2030.	47.	18.
2760	0000	-698	37.4565	81.6224	PPNR	1.1	3.6 +++	6.6	3.30 +	0.54 ++	6.14	2015.	47.	16.
2761	0000	-694	37.4565	81.6230	PPNR	1.0	3.8 +++	6.5	3.71 ++	0.59 ++	6.28	1961.	48.	14.
2762	0000	-697	37.4565	81.6236	PPNR	1.0	3.4 +++	6.6	3.45 +	0.52 ++	6.62	1853.	50.	12.
2763	0000	-692	37.4565	81.6241	PPNR	1.0	2.7 +	5.9	2.64 +	0.46 +	5.73	1711.	49.	11.
2764	0000	-688	37.4565	81.6248	PPNR	0.9	2.3 +	5.7	2.44	0.40 +	6.13	1533.	49.	10.
2765	0000	-687	37.4565	81.6254	PPNR	0.9	2.1	5.3	2.23	0.39 +	5.70	1461.	49.	9.
2766	0000	-685	37.4565	81.6259	PPNR	0.9	2.1	5.3	2.25	0.40 +	5.67	1446.	48.	10.
2767	0000	-687	37.4565	81.6265	PPNR	1.0	2.0	5.2	2.11	0.39 +	5.45	1465.	48.	10.
2768	0000	-686	37.4565	81.6271	PPNR	1.0	2.2	5.5	2.23	0.40 +	5.51	1535.	49.	11.
2769	0000	-686	37.4565	81.6277	PPNR	1.0	2.4 +	5.4	2.28	0.44 +	5.21 -	1645.	47.	12.
2770	0000	-689	37.4565	81.6283	PPNR	1.1	2.8 +	5.3	2.56 +	0.53 ++	4.87 -	1753.	47.	13.
2771	0000	-684	37.4565	81.6288	PPNR	1.1	3.0 ++	5.0	2.71 +	0.60 ++	4.52 -	1830.	48.	14.
2772	0000	-676	37.4564	81.6295	PPNR	1.1	3.1 ++	5.2	2.73 +	0.60 ++	4.58 -	1882.	49.	15.
2773	0000	-676	37.4564	81.6301	PPNR	1.2	3.0 ++	5.4	2.53	0.56 ++	4.48 -	1898.	49.	14.
2774	0000	-680	37.4564	81.6306	PPNR	1.2	3.1 ++	5.9	2.68 +	0.52 ++	5.14 -	1890.	51.	13.
2775	0000	-675	37.4564	81.6312	PPNR	1.1	2.9 ++	6.1	2.70 +	0.48 +	5.62 -	1821.	48.	11.
2776	0000	-668	37.4564	81.6318	PPNR	1.1	2.8 ++	5.8	2.65 +	0.49 +	5.43	1726.	47.	10.
2777	0000	-669	37.4564	81.6324	PPNR	1.0	2.7 +	5.7	2.59 +	0.46 +	5.59	1636.	48.	9.
2778	0000	-668	37.4563	81.6329	PPNR	1.1	2.6 +	6.1	2.39	0.42 +	5.67	1620.	46.	8.
2779	0000	-660	37.4563	81.6335	PPNR	1.1	2.4 +	6.5	2.24	0.38 +	5.92	1684.	46.	8.
2780	0000	-661	37.4563	81.6342	PPNR	1.2	2.7 +	6.9	2.22	0.39 +	5.63	1817.	45.	10.
2781	0000	-664	37.4563	81.6347	PPNR	1.4 +	2.8 ++	7.1	2.08	0.40 +	5.18 -	1933.	43.	11.
2782	0000	-658	37.4563	81.6353	PPNR	1.5 +	2.8 +	7.1	1.86	0.39 +	4.73 -	2018.	47.	13.
2783	0000	-655	37.4563	81.6358	PPNR	1.6 ++	3.0 ++	7.7 +	1.88	0.39 +	4.87 -	2093.	48.	14.
2784	0000	-656	37.4563	81.6365	PPNR	1.6 ++	3.0 ++	8.2 +	1.85	0.36	5.08 -	2189.	47.	15.
2785	0000	-656	37.4562	81.6371	PPNR	1.6 ++	2.9 ++	8.5 +	1.80	0.35	5.19 -	2245.	47.	16.
2786	0000	-656	37.4562	81.6376	PPNR	1.6 ++	2.8 +	8.5 +	1.73	0.33	5.29 -	2196.	46.	17.
2787	0000	-648	37.4562	81.6383	PPNR	1.5 +	2.3 +	8.4 +	1.59	0.27	5.79	2068.	45.	16.
2788	0000	-644	37.4562	81.6388	PPNR	1.3 +	2.0	7.8 +	1.52	0.26	5.91	1934.	46.	15.
2789	0000	-651	37.4562	81.6394	PPNR	1.2	1.8	7.6 +	1.50	0.24	6.30	1852.	46.	14.
2790	0000	-646	37.4562	81.6400	PPNR	1.1	1.6	7.4 +	1.42	0.22	6.57	1767.	45.	12.
2791	0000	-640	37.4562	81.6405	PPNR	1.1	1.4	7.1	1.24 -	0.19 -	6.44	1641.	46.	11.
2792	0000	-641	37.4562	81.6412	PPNR	1.0	1.5	6.5	1.45	0.23	6.40	1525.	47.	9.
2793	0000	-634	37.4562	81.6417	PPNR	1.0	1.5	6.1	1.60	0.25	6.31	1465.	48.	8.
2794	0000	-632	37.4562	81.6423	PPNR	0.9	1.7	5.9	1.86	0.29	6.37	1408.	51.	7.
2795	0000	-634	37.4562	81.6430	PPNR	0.9	1.6	5.7	1.83	0.28	6.48	1361.	50.	6.
2796	0000	-629	37.4562	81.6435	PPNR	0.8	1.8	5.8	2.16	0.31	6.89	1327.	50.	6.
2797	0000	-635	37.4562	81.6441	PPNR	0.9	1.7	5.6	2.01	0.31	6.50	1343.	52.	6.
2798	0000	-638	37.4561	81.6447	PPNR	0.9	2.0	5.7	2.25	0.35	6.48	1388.	54.	6.
2799	0000	-628	37.4561	81.6453	PPNR	1.0	2.0	5.8	2.00	0.34	5.85	1464.	55.	8.
2800	0000	-627	37.4561	81.6458	PPNR	1.0	2.2	6.2	2.20	0.35	6.26	1515.	54.	8.
2801	0000	-629	37.4561	81.6464	PPNR	1.1	2.2	6.2	2.12	0.36	5.93	1575.	53.	9.
2802	0000	-624	37.4561	81.6470	PPNR	1.1	2.3 +	6.6	2.05	0.35	5.79	1669.	53.	10.
2803	0000	-621	37.4561	81.6476	PPNR	1.4 +	2.6 +	6.8	1.92	0.39 +	4.97 -	1845.	52.	11.
2804	0000	-621	37.4561	81.6482	PPNR	1.4 +	3.2 ++	7.0	2.27	0.46 +	4.89 -	1962.	50.	11.
2805	0000	-621	37.4560	81.6487	PPNR	1.5 +	3.2 ++	7.4 +	2.19	0.43 +	5.05 -	2021.	48.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-613	37.4560	81.6494	PPNR	1.4 +	3.3 ++	7.7 +	2.29	0.42 +	5.41	2021.	46.	11.
2807	0000	-606	37.4560	81.6500	PPNR	1.4 +	3.3 ++	7.5 +	2.29	0.43 +	5.27 -	2034.	45.	11.
2808	0000	-608	37.4560	81.6505	PPNR	1.4 +	3.3 ++	8.0 +	2.29	0.42 +	5.49	2069.	45.	11.
2809	0000	-609	37.4560	81.6511	PPNR	1.4 +	3.5 +++	7.5 +	2.47	0.47 +	5.27 -	2045.	45.	11.
2810	0000	-603	37.4560	81.6517	PPNR	1.3 +	3.3 ++	7.5 +	2.58 +	0.44 +	5.83	1948.	44.	10.
2811	0000	-601	37.4559	81.6523	PPNR	1.2	2.8 ++	7.4 +	2.32	0.38 +	6.04	1859.	45.	10.
2812	0000	-601	37.4559	81.6529	PPNR	1.1	2.9 ++	6.8	2.54	0.42 +	5.99	1805.	47.	10.
2813	0000	-597	37.4559	81.6535	PPNR	1.1	2.8 +	6.7	2.51	0.42 +	6.04	1788.	48.	9.
2814	0000	-597	37.4559	81.6541	PPNR	1.1	2.5 +	6.9	2.26	0.37	6.18	1755.	48.	8.
2815	0000	-599	37.4559	81.6546	PPNR	1.1	2.3 +	6.5	2.18	0.36	6.03	1681.	47.	7.
2816	0000	-591	37.4559	81.6552	PPNR	1.0	2.1	6.5	2.01	0.32	6.36	1611.	48.	7.
2817	0000	-590	37.4559	81.6557	PPNR	1.0	2.0	6.2	2.08	0.32	6.45	1533.	49.	6.
2818	0000	-596	37.4559	81.6564	PPNR	0.9	2.0	6.0	2.13	0.33	6.54	1476.	49.	6.
2819	0000	-587	37.4559	81.6570	PPNR	0.9	1.8	6.3	2.01	0.29	6.96	1409.	47.	4.
2820	0000	-585	37.4559	81.6575	PPNR	0.9	1.8	5.9	2.08	0.31	6.70	1325.	46.	4.
2821	0000	-592	37.4559	81.6582	PPNR	0.9	2.1	5.2	2.44	0.40 +	6.03	1281.	47.	4.
2822	0000	-585	37.4559	81.6587	PPNR	0.9	2.3 +	4.9	2.65 +	0.47 +	5.63	1277.	49.	4.
2823	0000	-583	37.4558	81.6593	PPNR	0.9	2.4 +	4.9	2.80 +	0.50 ++	5.55	1305.	49.	4.
2824	0000	-590	37.4558	81.6599	PPNR	0.9	2.5 +	4.6	2.68 +	0.55 ++	4.91 -	1324.	49.	4.
2825	0000	-583	37.4558	81.6605	PPNR	0.9	2.5 +	4.5 -	2.71 +	0.57 ++	4.78 -	1346.	49.	4.
2826	0000	-579	37.4558	81.6611	PPNR	1.0	2.5 +	4.2 -	2.64 +	0.61 ++	4.34 --	1370.	49.	6.
2827	0000	-578	37.4558	81.6617	PPNR	0.9	2.6 +	4.2 -	2.77 +	0.62 ++	4.50 -	1410.	50.	6.
2828	0000	-571	37.4558	81.6622	PPNR	0.9	2.4 +	4.5 -	2.61 +	0.54 ++	4.84 -	1427.	49.	6.
2829	0000	-573	37.4558	81.6629	PPNR	0.9	2.2	4.7	2.36	0.47 +	4.98 -	1414.	48.	7.
2830	0000	-576	37.4558	81.6634	PPNR	0.9	2.2	4.9	2.34	0.44 +	5.32 -	1398.	48.	6.
2831	0000	-571	37.4557	81.6640	PPNR	0.9	1.8	5.2	2.07	0.35	5.88	1389.	48.	6.
2832	0000	-570	37.4557	81.6646	PPNR	0.9	1.9	5.5	2.15	0.35	6.07	1384.	49.	6.
2833	0000	-572	37.4557	81.6652	PPNR	1.0	1.8	5.8	1.83	0.30	6.03	1397.	49.	6.
2834	0000	-569	37.4557	81.6658	PPNR	1.0	1.9	5.8	2.00	0.33	5.99	1420.	48.	5.
2835	0000	-562	37.4557	81.6664	PPNR	1.0	1.9	5.8	1.81	0.32	5.60	1442.	48.	7.
2836	0000	-561	37.4557	81.6670	PPNR	1.0	2.1	6.1	1.98	0.34	5.85	1501.	50.	7.
2837	0000	-564	37.4557	81.6675	PPNR	1.1	2.1	6.4	2.01	0.34	6.01	1560.	49.	8.
2838	0000	-559	37.4556	81.6681	PPNR	1.1	2.2	6.6	1.94	0.32	5.98	1626.	50.	9.
2839	0000	-552	37.4556	81.6687	PPNR	1.2	2.2	7.0	1.87	0.31	6.04	1704.	51.	10.
2840	0000	-547	37.4556	81.6692	PPNR	1.2	2.3 +	7.1	2.01	0.33	6.11	1742.	51.	10.
2841	0000	-545	37.4556	81.6699	PPNR	1.2	2.1	7.6 +	1.79	0.28	6.41	1752.	50.	10.
2842	0000	-551	37.4556	81.6704	PPNR	1.2	2.1	7.3	1.78	0.28	6.33	1748.	50.	10.
2843	0000	-548	37.4556	81.6711	PPNR	1.1	2.1	6.9	1.85	0.30	6.23	1693.	49.	10.
2844	0000	-540	37.4556	81.6716	PPNR	1.1	2.0	6.4	1.86	0.32	5.87	1629.	49.	9.
2845	0000	-542	37.4556	81.6722	PPNR	1.1	2.3 +	5.7	2.22	0.41 +	5.39 -	1564.	47.	7.
2846	0000	-541	37.4556	81.6728	PPNR	1.0	2.1	5.3	2.11	0.40 +	5.27 -	1477.	47.	6.
2847	0000	-534	37.4556	81.6734	PPNR	0.9	2.2	5.1	2.32	0.43 +	5.38 -	1441.	49.	4.
2848	0000	-535	37.4555	81.6739	PPNR	0.9	2.3 +	4.8	2.48	0.49 +	5.09 -	1421.	47.	4.
2849	0000	-537	37.4555	81.6746	PPNR	0.9	2.5 +	4.9	2.85 +	0.51 ++	5.55	1398.	46.	2.
2850	0000	-534	37.4555	81.6752	PPNR	0.9	2.5 +	4.9	2.75 +	0.51 ++	5.40 -	1400.	49.	2.
2851	0000	-533	37.4555	81.6757	PPNR	0.9	2.4 +	4.9	2.69 +	0.48 +	5.58	1397.	47.	2.
2852	0000	-534	37.4555	81.6763	PPNR	0.9	2.3 +	5.3	2.64 +	0.43 +	6.09	1390.	47.	2.
2853	0000	-536	37.4555	81.6769	PPNR	0.8	2.5 +	5.3	2.91 +	0.46 +	6.33	1382.	48.	2.
2854	0000	-533	37.4555	81.6774	PPNR	0.9	2.3	5.2	2.62 +	0.43 +	6.11	1383.	45.	3.
2855	0000	-526	37.4555	81.6781	PPNR	0.9	2.1	5.5	2.41	0.38 +	6.39	1392.	49.	3.
2856	0000	-525	37.4555	81.6786	PPNR	0.9	2.1	6.0	2.25	0.36	6.33	1449.	50.	3.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-522	37.4554	81.6792	PPNR	1.0	2.1	7.1	1.99	0.29	6.87	1536.	47.	3.
2858	0000	-516	37.4554	81.6799	PPNR	1.2	2.3 +	7.6 +	1.98	0.31	6.48	1659.	48.	4.
2859	0000	-519	37.4554	81.6804	PPNR	1.3 +	2.7 +	8.0 +	2.09	0.33	6.24	1772.	48.	3.
2860	0000	-520	37.4554	81.6810	PPNR	1.4 +	2.7 +	8.1 +	1.89	0.34	5.64	1885.	48.	3.
2861	0000	-517	37.4554	81.6815	PPNR	1.5 +	3.1 ++	8.2 +	2.10	0.38 +	5.53	1942.	48.	3.
2862	0000	-515	37.4554	81.6821	PPNR	1.5 +	3.2 ++	8.0 +	2.17	0.40 +	5.36 -	1955.	48.	3.
2863	0000	-514	37.4554	81.6827	PPNR	1.5 +	3.2 ++	7.9 +	2.14	0.40 +	5.37 -	1932.	47.	3.
2864	0000	-513	37.4553	81.6833	PPNR	1.4 +	3.0 ++	7.3	2.14	0.41 +	5.17 -	1858.	49.	2.
2865	0000	-508	37.4553	81.6840	PPNR	1.3 +	2.7 +	6.9	2.04	0.40 +	5.15 -	1754.	50.	2.
2866	0000	-504	37.4553	81.6846	PPNR	1.3 +	2.3 +	6.3	1.83	0.37	4.98 -	1666.	50.	3.
2867	0000	-507	37.4553	81.6851	PPNR	1.1	2.4 +	6.3	2.10	0.38 +	5.56	1566.	50.	3.
2868	0000	-503	37.4553	81.6857	PPNR	1.1	1.9	6.2	1.79	0.30	5.92	1467.	51.	4.
2869	0000	-500	37.4553	81.6862	PPNR	1.0	1.7	6.0	1.76	0.29	6.08	1382.	50.	4.
2870	0000	-505	37.4553	81.6868	PPNR	0.9	1.7	5.4	1.90	0.31	6.06	1293.	52.	5.
2871	0000	-503	37.4552	81.6874	PPNR	0.9	1.6	4.8	1.84	0.33	5.57	1231.	54.	6.
2872	0000	-497	37.4552	81.6880	PPNR	0.8	1.4	4.9	1.74	0.30	5.85	1197.	52.	7.
2873	0000	-500	37.4552	81.6887	PPNR	0.8	1.4	4.9	1.75	0.28	6.31	1156.	52.	7.
2874	0000	-501	37.4552	81.6892	PPNR	0.7	1.2	4.4 -	1.67	0.28	6.04	1119.	54.	6.
2875	0000	-493	37.4552	81.6898	PPNR	0.8	1.3	4.5 -	1.74	0.29	5.97	1123.	52.	5.
2876	0000	-497	37.4552	81.6904	PPNR	0.8	1.4	4.6	1.84	0.30	6.13	1143.	52.	5.
2877	0000	-505	37.4552	81.6909	PPNR	0.8	1.4	4.5 -	1.78	0.30	5.83	1156.	52.	3.
2878	0000	-501	37.4552	81.6915	PPNR	0.8	1.5	4.2 -	1.95	0.35	5.57	1157.	51.	3.
2879	0000	-498	37.4552	81.6921	PPNR	0.8	1.4	4.0 -	1.78	0.34	5.28 -	1150.	53.	3.
2880	0000	-501	37.4551	81.6927	PPNR	0.8	1.5	4.0 -	1.97	0.38 +	5.22 -	1152.	53.	2.
2881	0000	-501	37.4551	81.6933	PPNR	0.8	1.4	4.1 -	1.69	0.34	4.93 -	1158.	52.	3.
2882	0000	-495	37.4551	81.6939	PPNR	0.8	1.5	4.3 -	1.89	0.35	5.36 -	1156.	55.	3.
2883	0000	-491	37.4551	81.6945	PPNR	0.8	1.5	4.2 -	1.82	0.37	4.95 -	1164.	54.	3.
2884	0000	-495	37.4551	81.6951	PPNR	0.8	1.5	4.6	1.80	0.33	5.47	1165.	56.	4.
2885	0000	-495	37.4551	81.6956	PPNR	0.9	1.5	5.0	1.66	0.29	5.64	1195.	55.	5.
2886	0000	-489	37.4550	81.6962	PPNR	0.9	1.6	5.2	1.80	0.31	5.90	1220.	54.	5.
2887	0000	-491	37.4550	81.6968	PPNR	0.9	1.6	5.5	1.80	0.29	6.19	1238.	54.	5.
2888	0000	-494	37.4550	81.6974	PPNR	0.8	1.7	5.8	2.01	0.30	6.80	1262.	54.	4.
2889	0000	-492	37.4550	81.6980	PPNR	0.8	1.7	5.2	2.06	0.34	6.14	1269.	53.	4.
2890	0000	-490	37.4550	81.6986	PPNR	0.8	1.8	5.2	2.14	0.34	6.33	1252.	53.	4.
2891	0000	-492	37.4550	81.6991	PPNR	0.8	1.8	5.0	2.18	0.36	6.02	1271.	50.	4.
2892	0000	-489	37.4550	81.6997	PPNR	0.8	2.0	5.1	2.48	0.40 +	6.28	1274.	49.	2.
2893	0000	-481	37.4550	81.7003	PPNR	0.8	2.3	5.0	2.89 +	0.45 +	6.40	1287.	48.	2.
2894	0000	-481	37.4550	81.7009	PPNR	0.8	2.3 +	4.9	2.84 +	0.47 +	5.99	1304.	51.	1.
2895	0000	-483	37.4550	81.7014	PPNR	0.9	2.4 +	4.9	2.71 +	0.48 +	5.64	1330.	51.	1.
2896	0000	-478	37.4550	81.7021	PPNR	0.9	2.5 +	5.0	2.85 +	0.51 ++	5.57	1373.	49.	3.
2897	0000	-478	37.4549	81.7027	PPNR	0.9	2.6 +	5.3	2.75 +	0.49 +	5.64	1453.	50.	5.
2898	0000	-478	37.4549	81.7032	PPNR	1.0	2.6 +	5.7	2.56 +	0.46 +	5.61	1532.	49.	6.
2899	0000	-474	37.4549	81.7038	PPNR	1.0	2.5 +	5.8	2.40	0.43 +	5.54	1598.	48.	9.
2900	0000	-479	37.4549	81.7044	PPNR	1.1	2.2	5.7	1.99	0.39 +	5.12 -	1652.	48.	11.
2901	0000	-480	37.4549	81.7050	PPNR	1.1	2.5 +	5.6	2.29	0.45 +	5.10 -	1719.	46.	14.
2902	0000	-477	37.4549	81.7056	PPNR	1.1	3.0 ++	5.5	2.59 +	0.54 ++	4.80 -	1822.	46.	17.
2903	0000	-473	37.4549	81.7061	PPNR	1.2	2.5 +	6.3	2.09	0.40 +	5.22 -	1894.	48.	20.
2904	0000	-471	37.4548	81.7067	PPNR	1.2	2.4 +	5.6	1.96	0.39 +	5.08 -	1920.	49.	23.
2905	0000	-477	37.4548	81.7073	PPNR	1.1	2.2	5.9	1.97	0.38 +	5.21 -	1942.	50.	25.
2906	0000	-481	37.4548	81.7079	PPNR	1.2	2.4 +	6.1	2.04	0.38 +	5.29 -	1997.	50.	27.
2907	0000	-477	37.4548	81.7084	PPNR	1.1	2.7 +	6.5	2.38	0.42 +	5.74	2057.	52.	28.

CP9 1P12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-475	37.4548	81.7090	PPNR	1.2	2.7 +	7.6 +	2.37	0.35	6.56	2110.	52.	27.
2909	0000	-472	37.4548	81.7096	PPNR	1.1	2.2	7.6 +	1.89	0.29	6.62	2114.	50.	27.
2910	0000	-470	37.4548	81.7102	PPNR	1.2	2.6 +	8.2 +	2.21	0.32	6.94	2152.	49.	25.
2911	0000	-471	37.4548	81.7108	PPNR	1.2	3.0 ++	8.8 ++	2.47	0.34	7.19	2201.	48.	22.
2912	0000	-469	37.4548	81.7113	PPNR	1.4 +	3.2 ++	9.0 ++	2.37	0.36	6.64	2230.	47.	19.
2913	0000	-470	37.4548	81.7118	PPNR	1.4 +	3.4 +++	8.8 ++	2.43	0.38 +	6.37	2225.	49.	16.
2914	0000	-471	37.4548	81.7124	PPNR	1.4 +	3.4 +++	8.8 ++	2.45	0.38 +	6.38	2178.	47.	13.
2915	0000	-464	37.4548	81.7130	PPNR	1.4 +	3.0 ++	8.1 +	2.15	0.37	5.84	2084.	50.	12.
2916	0000	-466	37.4548	81.7135	PPNR	1.3 +	3.0 ++	8.0 +	2.25	0.37	6.05	1971.	53.	9.
2917	0000	-476	37.4548	81.7142	PPNR	1.2 +	2.8 +	6.7	2.21	0.41 +	5.39 -	1835.	55.	8.
2918	0000	-475	37.4548	81.7147	PPNR	1.2	2.3 +	6.1	1.95	0.38 +	5.19 -	1707.	54.	8.
2919	0000	-475	37.4548	81.7153	PPNR	1.1	2.2	6.0	2.05	0.36	5.63	1598.	56.	7.
2920	0000	-481	37.4548	81.7159	PPNR	1.0	2.1	5.7	2.14	0.37	5.83	1497.	55.	7.
2921	0000	-474	37.4548	81.7165	PPNR	1.0	2.0	5.4	2.09	0.37	5.61	1444.	55.	7.
2922	0000	-469	37.4548	81.7170	PPNR	1.0	2.2	5.3	2.25	0.41 +	5.46	1438.	52.	8.
2923	0000	-480	37.4548	81.7175	PPNR	1.0	2.3 +	5.3	2.30	0.43 +	5.37 -	1463.	49.	8.
2924	0000	-481	37.4548	81.7181	PPNR	1.0	2.3 +	5.4	2.43	0.43 +	5.64	1501.	47.	9.
2925	0000	-477	37.4547	81.7187	PPNR	1.0	2.5 +	5.9	2.54	0.42 +	6.03	1563.	48.	9.
2926	0000	-483	37.4547	81.7192	PPNR	1.0	2.7 +	5.9	2.74 +	0.45 +	6.04	1616.	46.	11.
2927	0000	-475	37.4547	81.7198	PPNR	1.0	2.8 ++	6.8	2.91 +	0.42 +	6.99	1704.	46.	12.
2928	0000	-470	37.4547	81.7204	PPNR	0.9	2.8 +	7.2	2.99 +	0.39 +	7.68	1766.	49.	14.
2929	0000	-479	37.4547	81.7210	PPNR	0.9	2.6 +	7.5 +	2.85 +	0.35	8.10 +	1847.	49.	16.
2930	0000	-471	37.4547	81.7215	PPNR	0.9	2.8 ++	7.7 +	3.01 +	0.37	8.22 +	1967.	52.	18.
2931	0000	-465	37.4547	81.7222	PPNR	1.1	3.1 ++	7.9 +	2.84 +	0.40 +	7.16	2126.	52.	19.
2932	1000	-467	37.4547	81.7226	PPNR	1.2	3.8 +++	8.2 +	3.25 +	0.47 +	6.90	2299.	50.	21.
2933	1000	-466	37.4547	81.7232	PPNR	1.3 +	4.0 +++	9.2 ++	2.99 +	0.43 +	6.89	2486.	51.	22.
2934	1000	-467	37.4547	81.7238	PPNR	1.6 ++	3.8 +++	9.3 ++	2.44	0.41 +	5.99	2617.	50.	23.
2935	1000	-473	37.4547	81.7244	PPNR	1.6 ++	4.2 +++	9.1 ++	2.58 +	0.47 +	5.50	2708.	50.	23.
2936	1000	-477	37.4547	81.7249	PPNR	1.7 ++	4.6 +++	8.7 +	2.74 +	0.52 ++	5.24 -	2728.	48.	24.
2937	1000	-478	37.4547	81.7255	PPNR	1.6 ++	4.4 +++	8.4 +	2.75 +	0.53 ++	5.23 -	2657.	49.	23.
2938	0000	-477	37.4547	81.7261	PPNR	1.4 +	4.8 +++	8.5 +	3.33 +	0.57 ++	5.84	2582.	47.	21.
2939	0000	-479	37.4547	81.7267	PPNR	1.4 +	4.5 +++	8.0 +	3.26 +	0.57 ++	5.75	2518.	47.	21.
2940	0000	-484	37.4546	81.7273	PPNR	1.3 +	4.4 +++	7.1	3.39 +	0.62 ++	5.45	2390.	46.	20.
2941	0000	-483	37.4546	81.7278	PPNR	1.1	4.6 +++	6.7	4.07 ++	0.69 +++	5.89	2271.	45.	19.
2942	0000	-483	37.4546	81.7283	PPNR	1.1	4.3 +++	6.5	4.04 ++	0.65 ++	6.17	2204.	41.	19.
2943	0000	-486	37.4546	81.7289	PPNR	1.1	4.3 +++	6.9	3.94 ++	0.62 ++	6.39	2169.	43.	18.
2944	0000	-482	37.4546	81.7295	PPNR	1.1	4.3 +++	7.2	3.89 ++	0.59 ++	6.60	2184.	40.	18.
2945	0000	-480	37.4546	81.7301	PPNR	1.1	3.7 +++	7.6 +	3.25 +	0.48 +	6.72	2152.	39.	18.
2946	0000	-490	37.4546	81.7306	PPNR	1.1	3.1 ++	7.7 +	2.78 +	0.41 +	6.83	2075.	41.	19.
2947	0000	-491	37.4546	81.7312	PPNR	1.1	3.0 ++	7.8 +	2.74 +	0.39 +	7.00	2048.	43.	20.
2948	0000	-485	37.4546	81.7318	PPNR	1.1	3.1 ++	7.7 +	2.73 +	0.40 +	6.84	2041.	44.	21.
2949	0000	-490	37.4546	81.7324	PPNR	1.2	2.8 ++	7.6 +	2.31	0.37	6.20	2039.	47.	21.
2950	0000	-494	37.4546	81.7330	PPNR	1.2	2.9 ++	7.4 +	2.35	0.39 +	6.07	2066.	46.	23.
2951	0000	-490	37.4546	81.7335	PPNR	1.3 +	2.7 +	7.7 +	2.09	0.35	5.98	2102.	47.	23.
2952	0000	-490	37.4546	81.7340	PPNR	1.3 +	2.6 +	7.5 +	2.03	0.34	5.92	2106.	49.	23.
2953	0000	-494	37.4546	81.7346	PPNR	1.3 +	2.7 +	7.6 +	2.04	0.35	5.78	2108.	47.	23.
2954	0000	-492	37.4546	81.7352	PPNR	1.3 +	2.5 +	7.7 +	1.91	0.33	5.79	2086.	48.	22.
2955	0000	-491	37.4546	81.7357	PPNR	1.3 +	2.3 +	8.2 +	1.80	0.28	6.08	2058.	49.	19.
2956	0000	-497	37.4546	81.7364	PPNR	1.3 +	2.3 +	8.4 +	1.85	0.28	6.65	2024.	48.	17.
2957	0000	-491	37.4546	81.7369	PPNR	1.3 +	2.0	8.5 +	1.68	0.24	6.76	1959.	48.	15.
2958	0000	-486	37.4546	81.7375	PPNR	1.2	2.1	7.9 +	1.80	0.27	6.69	1843.	48.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-497	37.4546	81.7381	PPNR	1.2	2.0	7.4 +	1.70	0.38	6.44	1751.	48.	11.
2960	0000	-499	37.4546	81.7386	PPNR	1.1	2.0	7.0	1.83	0.38	6.51	1669.	48.	10.
2961	0000	-496	37.4545	81.7391	PPNR	1.0	1.8	6.8	1.77	0.37	6.66	1615.	46.	9.
2962	0000	-504	37.4546	81.7397	PPNR	1.0	1.8	6.4	1.74	0.38	6.18	1586.	46.	10.
2963	0000	-504	37.4546	81.7403	PPNR	1.1	1.9	6.5	1.81	0.38	6.07	1577.	45.	10.
2964	0000	-501	37.4546	81.7409	PPNR	1.1	2.1	6.0	1.96	0.38	5.45	1591.	46.	10.
2965	0000	-507	37.4546	81.7414	PPNR	1.2	2.2	6.1	1.85	0.36	5.18 -	1645.	47.	11.
2966	0000	-504	37.4545	81.7420	PPNR	1.2	2.5 +	5.9	2.05	0.42 +	4.86 -	1685.	47.	11.
2967	0000	-502	37.4545	81.7426	PPNR	1.3 +	2.5 +	6.2	1.97	0.40 +	4.91 -	1733.	47.	11.
2968	0000	-507	37.4545	81.7432	PPNR	1.3 +	2.8 ++	6.2	2.17	0.46 +	4.71 -	1806.	48.	11.
2969	0000	-503	37.4545	81.7438	PPNR	1.3 +	3.3 ++	6.1	2.59 +	0.55 ++	4.74 -	1865.	49.	10.
2970	0000	-501	37.4545	81.7443	PPNR	1.3 +	3.4 +++	6.1	2.57 +	0.55 ++	4.64 -	1905.	49.	10.
2971	0000	-510	37.4545	81.7448	PPNR	1.3 +	3.3 ++	6.5	2.50	0.51 ++	4.94 -	1929.	48.	10.
2972	0000	-510	37.4545	81.7454	PPNR	1.3 +	3.2 ++	6.9	2.59 +	0.47 +	5.47	1928.	47.	10.
2973	0000	-505	37.4545	81.7460	PPNR	1.3 +	2.9 ++	7.2	2.21	0.40 +	5.49	1955.	48.	12.
2974	0000	-507	37.4545	81.7466	PPNR	1.3 +	3.0 ++	7.1	2.24	0.43 +	5.40 -	1965.	47.	13.
2975	0000	-514	37.4545	81.7471	PPNR	1.3 +	2.7 +	6.9	2.04	0.39 +	5.27 -	1910.	49.	14.
2976	0000	-514	37.4545	81.7477	PPNR	1.3 +	2.3 +	6.6	1.76	0.34	5.14 -	1857.	48.	16.
2977	0000	-508	37.4545	81.7483	PPNR	1.2	1.9	6.2	1.58	0.31	5.08 -	1791.	47.	18.
2978	0000	-509	37.4545	81.7489	PPNR	1.1	1.9	6.3	1.73	0.31	5.58	1745.	46.	18.
2979	0000	-512	37.4545	81.7495	PPNR	1.1	2.1	6.1	1.98	0.35	5.73	1737.	50.	20.
2980	0000	-512	37.4545	81.7499	PPNR	1.0	2.4 +	6.4	2.30	0.37	6.25	1760.	50.	22.
2981	0000	-519	37.4544	81.7505	PPNR	1.0	2.2	6.1	2.15	0.35	6.08	1796.	50.	25.
2982	0000	-523	37.4544	81.7511	PPNR	1.0	2.0	6.9	1.96	0.29	6.95	1878.	48.	28.
2983	0000	-511	37.4544	81.7517	PPNR	1.0	1.9	7.3	1.91	0.26	7.43	1953.	46.	32.
2984	0000	-511	37.4544	81.7522	PPNR	1.0	1.7	7.5 +	1.68	0.23	7.35	2062.	45.	36.
2985	0000	-522	37.4544	81.7529	PPNR	1.1	1.0 -	7.4 +	0.94 --	0.14 --	6.70	2165.	45.	40.
2986	0000	-517	37.4544	81.7534	PPNR	1.2	1.0 -	7.6 +	0.85 --	0.13 --	6.45	2267.	41.	43.
2987	0000	-513	37.4544	81.7540	PPNR	1.1	0.9 -	7.2	0.80 --	0.12 --	6.46	2236.	43.	44.
2988	0000	-519	37.4544	81.7545	PPNR	1.1	0.7 -	7.3	0.63 ---	0.10 ---	6.58	2184.	44.	44.
2989	0000	-521	37.4544	81.7551	PPNR	1.1	1.1 -	6.7	1.02 -	0.16 -	6.28	2116.	44.	43.
2990	0000	-519	37.4544	81.7556	PPNR	1.1	1.2	6.4	1.10 -	0.19 -	5.88	2040.	43.	41.
2991	0000	-516	37.4544	81.7562	PPNR	1.1	1.6	6.3	1.52	0.25	5.96	1950.	43.	36.
2992	0000	-516	37.4544	81.7568	PPNR	1.0	2.3 +	6.6	2.38	0.35	6.83	1860.	43.	31.
2993	0000	-526	37.4544	81.7574	PPNR	0.9	2.2	6.0	2.42	0.37	6.51	1736.	45.	26.
2994	0000	-529	37.4544	81.7579	PPNR	1.0	2.4 +	6.0	2.54	0.41 +	6.25	1725.	40.	22.
2995	0000	-527	37.4544	81.7585	PPNR	0.9	2.9 ++	6.2	3.03 +	0.46 +	6.56	1745.	41.	18.
2996	0000	-525	37.4544	81.7591	PPNR	1.0	2.9 ++	6.4	2.82 +	0.45 +	6.25	1786.	41.	15.
2997	0000	-519	37.4544	81.7597	PPNR	1.1	2.9 ++	6.6	2.71 +	0.44 +	6.17	1835.	41.	14.
2998	0000	-522	37.4544	81.7603	PPNR	1.1	2.9 ++	7.3	2.60 +	0.40 +	6.54	1881.	42.	12.
2999	0000	-529	37.4544	81.7608	PPNR	1.2	2.9 ++	7.2	2.40	0.40 +	6.08	1924.	46.	11.
3000	0000	-525	37.4544	81.7613	PPNR	1.2 +	2.9 ++	7.3	2.34	0.39 +	5.91	1945.	48.	11.
3001	0000	-528	37.4544	81.7619	PPNR	1.3 +	2.8 +	7.7 +	2.21	0.36	6.18	1935.	49.	11.
3002	0000	-532	37.4544	81.7625	PPNR	1.2	2.5 +	7.8 +	2.05	0.32	6.35	1891.	47.	11.
3003	0000	-523	37.4544	81.7631	PPNR	1.2	2.4 +	7.4 +	2.06	0.32	6.42	1822.	45.	11.
3004	0000	-523	37.4543	81.7636	PPNR	1.1	2.4 +	7.1	2.23	0.34	6.56	1764.	47.	10.
3005	0000	-532	37.4543	81.7642	PPNR	1.1	2.3	6.7	2.01	0.34	5.96	1726.	50.	11.
3006	0000	-529	37.4543	81.7648	PPNR	1.2	2.2	6.4	1.93	0.35	5.54	1699.	46.	10.
3007	0000	-524	37.4543	81.7654	PPNR	1.2	2.1	6.8	1.79	0.31	5.79	1692.	45.	9.
3008	0000	-530	37.4543	81.7659	PPNR	1.2	2.1	6.5	1.71	0.32	5.30 -	1731.	46.	8.
3009	0000	-534	37.4543	81.7665	PPNR	1.3 +	2.5 +	6.9	1.95	0.37	5.34 -	1838.	48.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-530	37.4543	81.7670	PPNR	1.4 +	2.7 +	7.3	1.87	0.37	5.12 -	1955.	53.	5.
3011	0000	-525	37.4543	81.7676	PPNR	1.5 +	2.9 ++	8.0 +	1.95	0.37	5.28 -	2048.	55.	5.
3012	0000	-524	37.4543	81.7682	PPNR	1.5 +	3.4 +++	8.2 +	2.18	0.41 +	5.31 -	2109.	52.	4.
3013	0000	-527	37.4543	81.7687	PPNR	1.6 ++	3.6 +++	8.6 +	2.26	0.42 +	5.44	2185.	55.	5.
3014	0000	-531	37.4543	81.7693	PPNR	1.6 ++	4.0 +++	8.8 ++	2.52	0.45 +	5.57	2243.	55.	6.
3015	0000	-530	37.4543	81.7699	PPNR	1.6 ++	4.0 +++	9.3 ++	2.57 +	0.43 +	5.99	2261.	54.	7.
3016	0000	-526	37.4543	81.7705	PPNR	1.5 +	4.1 +++	8.6 +	2.68 +	0.47 +	5.65	2224.	55.	8.
3017	0000	-531	37.4543	81.7710	PPNR	1.5 +	4.0 +++	8.4 +	2.74 +	0.48 +	5.74	2182.	52.	11.
3018	0000	-532	37.4543	81.7716	PPNR	1.5 +	3.6 +++	8.6 +	2.47	0.42 +	5.86	2160.	50.	12.
3019	0000	-527	37.4543	81.7721	PPNR	1.5 +	2.8 ++	9.0 ++	1.96	0.32	6.18	2158.	50.	14.
3020	0000	-537	37.4542	81.7727	PPNR	1.4 +	2.5 +	8.6 +	1.75	0.29	6.12	2083.	50.	15.
3021	0000	-540	37.4542	81.7733	PPNR	1.4 +	2.1	8.2 +	1.50	0.26	5.85	2032.	50.	16.
3022	0000	-528	37.4542	81.7739	PPNR	1.4 +	2.0	7.7 +	1.46	0.26	5.55	2004.	51.	17.
3023	0000	-528	37.4542	81.7744	PPNR	1.4 +	1.8	8.5 +	1.26 -	0.21 -	6.06	2021.	49.	17.
3024	0000	-531	37.4542	81.7750	PPNR	1.5 +	1.9	8.5 +	1.29 -	0.22	5.84	2022.	49.	16.
3025	0000	-530	37.4542	81.7756	PPNR	1.4 +	2.0	7.7 +	1.43	0.26	5.56	1981.	50.	16.
3026	0000	-537	37.4542	81.7762	PPNR	1.3 +	2.6 +	6.9	1.94	0.37	5.24 -	1921.	51.	14.
3027	0000	-536	37.4542	81.7767	PPNR	1.3 +	2.6 +	7.0	2.05	0.38 +	5.46	1889.	49.	13.
3028	0000	-533	37.4542	81.7773	PPNR	1.3 +	2.7 +	7.2	2.08	0.37	5.60	1901.	53.	13.
3029	0000	-539	37.4542	81.7778	PPNR	1.3 +	2.7 +	7.8 +	2.07	0.34	6.04	1922.	53.	12.
3030	0000	-540	37.4542	81.7784	PPNR	1.3 +	2.7 +	7.0	2.05	0.38 +	5.41	1912.	52.	13.
3031	0000	-538	37.4542	81.7790	PPNR	1.3 +	2.3 +	7.3	1.84	0.32	5.72	1910.	53.	15.
3032	0000	-536	37.4542	81.7796	PPNR	1.3 +	2.7 +	7.4 +	2.07	0.37	5.66	1994.	51.	16.
3033	0000	-533	37.4542	81.7801	PPNR	1.4 +	2.6 +	7.7 +	1.83	0.33	5.50	2087.	51.	18.
3034	0000	-541	37.4542	81.7807	PPNR	1.4 +	2.6 +	8.1 +	1.87	0.32	5.74	2158.	49.	20.
3035	0000	-542	37.4542	81.7813	PPNR	1.5 +	2.7 +	7.9 +	1.86	0.34	5.45	2193.	45.	22.
3036	0000	-534	37.4542	81.7819	PPNR	1.4 +	2.8 +	7.4 +	1.97	0.38 +	5.19	2156.	45.	23.
3037	0000	-538	37.4541	81.7823	PPNR	1.4 +	2.7 +	7.2	1.97	0.37	5.32 -	2095.	46.	23.
3038	0000	-545	37.4541	81.7830	PPNR	1.2 +	2.8 +	6.9	2.24	0.40 +	5.57	2032.	43.	23.
3039	0000	-541	37.4541	81.7835	PPNR	1.2	2.3 +	6.6	1.94	0.35	5.62	1885.	46.	22.
3040	0000	-538	37.4541	81.7841	PPNR	1.0	2.4 +	6.3	2.42	0.38 +	6.41	1756.	46.	21.
3041	0000	-536	37.4541	81.7847	PPNR	0.9	2.2	5.9	2.35	0.37	6.34	1678.	46.	21.
3042	0000	-539	37.4541	81.7853	PPNR	0.9	2.1	5.8	2.35	0.37	6.40	1632.	47.	20.
3043	0000	-547	37.4541	81.7859	PPK	0.9	2.0	5.4	2.08 +	0.36 +	5.71	1637.	48.	20.
3044	0000	-543	37.4541	81.7864	PPK	1.0	2.2 +	5.4	2.21 +	0.41 +	5.42	1709.	47.	19.
3045	0000	-538	37.4541	81.7870	PPK	1.1	2.8 +	5.6	2.62 +	0.50 ++	5.19	1820.	50.	18.
3046	0000	-537	37.4541	81.7875	PPK	1.2	3.1 ++	6.7	2.71 ++	0.47 ++	5.78	1970.	48.	18.
3047	0000	-537	37.4541	81.7881	PPK	1.3	3.2 ++	6.8	2.50 +	0.47 ++	5.29	2079.	46.	18.
3048	0000	-543	37.4541	81.7886	PPNR	1.4 +	3.5 +++	6.9	2.56 +	0.51 ++	5.07 -	2141.	45.	17.
3049	0000	-551	37.4541	81.7892	PPNR	1.3 +	3.6 +++	7.1	2.74 +	0.51 ++	5.35 -	2166.	45.	15.
3050	0000	-549	37.4541	81.7898	PPNR	1.3 +	3.7 +++	7.4 +	2.88 +	0.50 ++	5.71	2178.	43.	14.
3051	0000	-542	37.4541	81.7904	PPNR	1.3 +	3.7 +++	7.3	2.99 +	0.51 ++	5.81	2113.	43.	13.
3052	0000	-545	37.4541	81.7909	PPNR	1.2 +	3.1 ++	7.2	2.47	0.43 +	5.79	1997.	43.	12.
3053	0000	-551	37.4541	81.7915	PPNR	1.2	2.9 ++	6.3	2.47	0.46 +	5.34 -	1880.	44.	11.
3054	0000	-547	37.4541	81.7921	PPNR	1.1	2.8 ++	6.2	2.47	0.46 +	5.43	1799.	44.	9.
3055	0000	-545	37.4541	81.7927	PPNR	1.2	2.9 ++	6.1	2.56 +	0.48 +	5.34 -	1761.	44.	7.
3056	0000	-545	37.4541	81.7932	PPNR	1.2	2.9 ++	6.1	2.47	0.47 +	5.26 -	1710.	44.	6.
3057	0000	-539	37.4541	81.7938	PPNR	1.2	2.8 ++	6.1	2.44	0.46 +	5.31 -	1670.	43.	5.
3058	0000	-541	37.4540	81.7943	PPNR	1.2	2.6 +	6.6	2.19	0.40 +	5.53	1654.	43.	3.
3059	0000	-547	37.4540	81.7949	PPNR	1.2	2.7 +	6.6	2.32	0.41 +	5.72	1631.	41.	2.
3060	0000	-544	37.4540	81.7955	PPNR	1.1	2.7 +	6.3	2.45	0.42 +	5.79	1582.	39.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-546	37.4540	81.7961	PPNR	1.0	2.5 +	6.3	2.38	0.40 +	5.97	1513.	42.	0.
3062	0000	-550	37.4540	81.7966	PPK	1.0	2.1	6.2	2.15 +	0.34	6.29 +	1436.	45.	0.
3063	0000	-544	37.4540	81.7972	PPK	0.9	2.0	6.1	2.19 +	0.33	6.61 +	1383.	46.	1.
3064	0000	-545	37.4540	81.7978	PPK	0.9	2.0	6.0	2.22 +	0.34	6.59 +	1352.	48.	1.
3065	0000	-547	37.4540	81.7983	PPK	0.9	2.1	5.7	2.35 +	0.37 +	6.45 +	1348.	50.	2.
3066	0000	-544	37.4540	81.7989	PPK	0.9	2.1	5.5	2.35 +	0.38 +	6.20	1368.	53.	3.
3067	0000	-546	37.4540	81.7995	PPNR	1.0	1.9	6.1	1.96	0.31	6.28	1418.	55.	4.
3068	0000	-547	37.4540	81.8000	PPNR	0.9	2.0	6.3	2.11	0.32	6.66	1452.	54.	5.
3069	0000	-546	37.4540	81.8006	PPNR	0.9	2.2	6.1	2.29	0.35	6.46	1481.	51.	6.
3070	0000	-547	37.4540	81.8012	PPNR	1.0	2.4 +	6.2	2.42	0.38 +	6.33	1524.	51.	7.
3071	0000	-546	37.4540	81.8017	PPNR	1.0	2.4 +	5.9	2.41	0.40 +	6.03	1534.	50.	7.
3072	0000	-546	37.4539	81.8024	PPNR	1.0	2.3 +	6.0	2.32	0.38 +	6.03	1550.	49.	7.
3073	0000	-545	37.4539	81.8029	PPNR	1.0	2.6 +	5.9	2.67 +	0.44 +	6.04	1561.	47.	7.
3074	0000	-546	37.4539	81.8035	PPNR	0.9	2.9 ++	5.5	3.02 +	0.52 ++	5.79	1543.	46.	7.
3075	0000	-554	37.4539	81.8040	PPNR	0.9	2.9 ++	5.2	3.04 +	0.55 ++	5.52	1525.	46.	7.
3076	0000	-550	37.4539	81.8046	PPNR	0.9	2.7 +	5.3	2.94 +	0.51 ++	5.76	1493.	47.	6.
3077	0000	-541	37.4539	81.8051	PPNR	0.9	2.5 +	5.4	2.66 +	0.46 +	5.81	1452.	45.	6.
3078	0000	-548	37.4539	81.8057	PPNR	0.9	2.3 +	5.3	2.65 +	0.44 +	6.07	1422.	46.	7.
3079	0000	-555	37.4539	81.8063	PPNR	0.8	2.2	5.4	2.73 +	0.42 +	6.58	1393.	46.	8.
3080	0000	-549	37.4539	81.8069	PPNR	0.9	1.8	5.7	1.97	0.32	6.25	1413.	48.	9.
3081	0000	-545	37.4539	81.8074	PPNR	1.0	1.7	6.0	1.74	0.29	6.08	1494.	48.	11.
3082	0000	-546	37.4539	81.8080	PPNR	1.1	1.7	6.1	1.55	0.27	5.70	1569.	48.	13.
3083	0000	-546	37.4539	81.8086	PPNR	1.1	1.8	6.1	1.61	0.30	5.38 -	1658.	50.	15.
3084	0000	-551	37.4539	81.8091	PPNR	1.2	2.1	6.1	1.76	0.34	5.18 -	1732.	50.	16.
3085	0000	-558	37.4539	81.8097	PPNR	1.2	2.1	6.6	1.66	0.31	5.35 -	1802.	50.	18.
3086	0000	-556	37.4539	81.8103	PPNR	1.3 +	2.1	6.8	1.64	0.32	5.20 -	1857.	52.	18.
3087	0000	-555	37.4539	81.8108	PPNR	1.3 +	2.3 +	6.6	1.82	0.35	5.18 -	1882.	50.	19.
3088	0000	-559	37.4539	81.8114	PPNR	1.2	2.3 +	6.4	1.92	0.36	5.38 -	1838.	50.	19.
3089	0000	-556	37.4539	81.8120	PPNR	1.1	2.4 +	6.2	2.13	0.39 +	5.51	1810.	49.	18.
3090	0000	-557	37.4539	81.8126	PPNR	1.1	2.3 +	5.8	2.11	0.40 +	5.24 -	1767.	51.	17.
3091	0000	-560	37.4539	81.8131	PPNR	1.0	2.1	5.9	2.01	0.35	5.71	1737.	52.	16.
3092	0000	-553	37.4539	81.8137	PPNR	1.0	2.3 +	5.7	2.24	0.40 +	5.66	1718.	51.	16.
3093	0000	-555	37.4539	81.8143	PPNR	1.0	2.4 +	5.4	2.47	0.44 +	5.59	1706.	51.	15.
3094	0000	-560	37.4539	81.8148	PPNR	1.0	2.6 +	5.7	2.63 +	0.45 +	5.88	1723.	50.	14.
3095	0000	-557	37.4539	81.8154	PPNR	1.0	2.6 +	5.7	2.65 +	0.46 +	5.80	1750.	48.	13.
3096	0000	-559	37.4539	81.8160	PPNR	0.9	3.0 ++	6.1	3.16 +	0.49 +	6.50	1787.	48.	11.
3097	0000	-559	37.4539	81.8165	PPNR	1.0	3.5 +++	7.1	3.59 ++	0.49 +	7.36	1887.	46.	10.
3098	0000	-553	37.4539	81.8171	PPNR	1.1	3.8 +++	7.4	3.38 +	0.51 ++	6.59	2014.	45.	9.
3099	0000	-557	37.4539	81.8177	PPNR	1.1	4.8 +++	7.1	4.28 ++	0.68 +++	6.32	2148.	45.	9.
3100	0000	-556	37.4538	81.8183	PPNR	1.2	5.3 +++	7.6 +	4.52 ++	0.69 +++	6.53	2240.	44.	9.
3101	0000	-550	37.4538	81.8188	PPNR	1.1	5.3 +++	7.3	4.70 ++	0.73 +++	6.46	2251.	47.	10.
3102	0000	-551	37.4538	81.8194	PPNR	1.1	5.5 +++	7.2	4.98 +++	0.76 +++	6.55	2248.	48.	10.
3103	0000	-554	37.4538	81.8199	PPNR	1.1	5.3 +++	6.7	4.74 ++	0.80 +++	5.94	2208.	50.	11.
3104	0000	-559	37.4538	81.8205	PPNR	1.1	4.9 +++	6.2	4.57 ++	0.79 +++	5.76	2128.	48.	13.
3105	0000	-559	37.4539	81.8212	PPNR	1.0	4.7 +++	5.9	4.87 ++	0.80 +++	6.05	2015.	49.	14.
3106	0000	-554	37.4539	81.8217	PPNR	1.1	3.4 +++	6.1	3.25 +	0.56 ++	5.80	1912.	47.	14.
3107	0000	-554	37.4539	81.8223	PPNR	1.1	2.9 ++	5.7	2.78 +	0.51 ++	5.40 -	1835.	47.	15.
3108	0000	-559	37.4540	81.8229	PPNR	1.0	2.8 ++	5.6	2.72 +	0.51 ++	5.35 -	1781.	50.	15.
3109	0000	-558	37.4540	81.8234	PPNR	1.1	2.5 +	5.9	2.30	0.43 +	5.39 -	1752.	50.	14.
3110	0000	-555	37.4540	81.8241	PPNR	1.1	2.3	6.0	2.02	0.38 +	5.32 -	1737.	51.	15.
3111	0000	-554	37.4541	81.8246	PPNR	1.1	2.2	5.7	1.94	0.38 +	5.08 -	1716.	54.	15.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-552	37.4541	81.8252	PPNR	1.1	2.2	5.5	1.92	0.40 +	4.83 -	1700.	52.	14.
3113	0000	-556	37.4541	81.8257	PPNR	1.1	2.5 +	5.4	2.35	0.46 +	5.07 -	1677.	54.	12.
3114	0000	-560	37.4542	81.8264	PPNR	1.1	2.4 +	5.6	2.18	0.43 +	5.12 -	1666.	54.	12.
3115	0000	-554	37.4542	81.8269	PPK	1.1	2.4 +	5.8	2.30 +	0.41 +	5.54	1651.	51.	11.
3116	0000	-552	37.4542	81.8275	PPK	1.0	2.5 +	5.7	2.47 +	0.44 ++	5.58	1629.	51.	10.
3117	0000	-559	37.4543	81.8281	PPK	1.0	2.6 +	5.8	2.49 +	0.45 ++	5.56	1646.	49.	9.
3118	0000	-553	37.4543	81.8286	PPK	1.1	2.8 +	5.9	2.68 +	0.48 ++	5.58	1664.	48.	8.
3119	0000	-549	37.4543	81.8293	PPK	1.1	3.0 +	6.0	2.71 ++	0.50 ++	5.46	1708.	49.	8.
3120	0000	-556	37.4544	81.8299	PPK	1.1	2.8 +	6.3	2.47 +	0.45 ++	5.53	1759.	48.	8.
3121	0000	-557	37.4544	81.8304	PPK	1.1	3.1 ++	6.4	2.69 ++	0.48 ++	5.57	1773.	48.	8.
3122	0000	-556	37.4545	81.8311	PPK	1.2	3.1 ++	6.7	2.61 +	0.46 ++	5.62	1805.	47.	8.
3123	0000	-556	37.4545	81.8316	PPK	1.2	3.1 ++	6.3	2.57 +	0.50 ++	5.16	1821.	46.	9.
3124	0000	-554	37.4545	81.8322	PPK	1.2	3.1 ++	6.6	2.55 +	0.47 ++	5.42	1836.	46.	9.
3125	0000	-553	37.4546	81.8327	PPNR	1.2	3.3 ++	6.8	2.71 +	0.48 +	5.63	1868.	46.	10.
3126	0000	-551	37.4546	81.8333	PPNR	1.2	2.9 ++	7.2	2.31	0.40 +	5.82	1863.	47.	10.
3127	0000	-557	37.4546	81.8339	PPNR	1.2	2.9 ++	7.2	2.53	0.41 +	6.22	1847.	48.	11.
3128	0000	-559	37.4547	81.8345	PPNR	1.2	2.7 +	7.2	2.30	0.38 +	6.05	1824.	50.	11.
3129	0000	-550	37.4547	81.8351	PPNR	1.2	2.4 +	6.9	1.93	0.34	5.63	1798.	51.	11.
3130	0000	-553	37.4547	81.8356	PPNR	1.2 +	2.4 +	7.6 +	1.89	0.31	6.09	1807.	51.	10.
3131	0000	-555	37.4548	81.8362	PPNR	1.3 +	2.3 +	7.8 +	1.82	0.30	6.13	1810.	53.	9.
3132	0000	-554	37.4548	81.8368	PPK	1.3	2.1	8.3 +	1.62	0.26	6.27 +	1849.	54.	9.
3133	0000	-560	37.4548	81.8374	PPK	1.4	2.3 +	8.3 +	1.65	0.28	5.98	1891.	53.	8.
3134	0000	-549	37.4549	81.8380	PPK	1.4 +	2.1	8.3 +	1.48	0.26	5.74	1922.	50.	9.
3135	0000	-543	37.4549	81.8386	PPK	1.5 +	2.2 +	8.4 +	1.49	0.26	5.79	1978.	48.	9.
3136	0000	-558	37.4550	81.8392	PPK	1.5 +	2.3 +	8.9 +	1.51	0.25	5.97	2070.	48.	10.
3137	0000	-559	37.4550	81.8397	PPK	1.5 +	2.2 +	9.1 ++	1.43	0.24	5.88	2108.	49.	11.
3138	0000	-552	37.4550	81.8403	PPK	1.5 +	2.2 +	8.9 +	1.45	0.25	5.89	2097.	50.	12.
3139	0000	-554	37.4550	81.8409	PPK	1.5 +	2.2 +	8.2 +	1.44	0.27	5.43	2056.	49.	14.
3140	0000	-553	37.4551	81.8415	PPK	1.4	2.4 +	8.1 +	1.68	0.29	5.75	2031.	48.	14.
3141	0000	-555	37.4552	81.8421	PPK	1.4	2.4 +	7.8 +	1.69	0.30	5.62	1985.	50.	15.
3142	0000	-554	37.4552	81.8426	PPK	1.4	2.4 +	7.7 +	1.73	0.31	5.66	1938.	49.	15.
3143	0000	-551	37.4552	81.8432	PPK	1.2	2.4 +	6.9	1.95 +	0.35	5.59	1835.	47.	15.
3144	0000	-556	37.4553	81.8438	PPK	1.2	2.2 +	6.8	1.95 +	0.33	5.90	1775.	46.	15.
3145	0000	-557	37.4553	81.8444	PPK	1.1	2.2 +	6.6	2.03 +	0.33	6.05	1744.	44.	15.
3146	0000	-554	37.4553	81.8449	PPK	1.0	1.9	6.8	1.86	0.28	6.55 +	1700.	45.	15.
3147	0000	-554	37.4554	81.8455	PPK	1.0	1.8	6.6	1.80	0.26	6.80 +	1657.	46.	16.
3148	0000	-553	37.4554	81.8461	PPK	1.0	1.6	6.6	1.65	0.24	6.84 +	1626.	46.	16.
3149	0000	-555	37.4554	81.8467	PPK	0.9	1.4	6.3	1.47	0.21	6.89 +	1580.	48.	18.
3150	0000	-556	37.4555	81.8473	PPK	0.9	1.3	6.2	1.41	0.21	6.69 +	1541.	49.	18.
3151	0000	-553	37.4555	81.8479	PPK	0.9	1.3	5.8	1.42	0.22	6.44 +	1508.	51.	18.
3152	0000	-551	37.4555	81.8485	PPK	0.9	1.1	5.5	1.15	0.19	5.93	1504.	50.	19.
3153	0000	-550	37.4556	81.8491	PPK	0.9	1.4	5.1	1.60	0.28	5.78	1492.	49.	20.
3154	0000	-552	37.4556	81.8496	PPK	0.9	1.6	5.0	1.68	0.32	5.34	1505.	49.	19.
3155	0000	-557	37.4556	81.8502	PPK	1.0	2.0	4.8	2.06 +	0.41 +	4.98	1596.	49.	19.
3156	0000	-555	37.4557	81.8508	PPK	1.0	2.8 +	4.8	2.73 ++	0.58 +++	4.71	1704.	48.	18.
3157	0000	-552	37.4557	81.8514	PPK	1.1	3.2 ++	4.6 -	2.94 ++	0.70 +++	4.23 -	1793.	47.	17.
3158	0000	-552	37.4557	81.8519	PPK	1.1	3.6 ++	4.6 -	3.28 ++	0.79 +++	4.15 -	1831.	45.	15.
3159	0000	-550	37.4558	81.8525	PPK	1.1	3.9 ++	4.6 -	3.55 ++	0.85 +++	4.19 -	1822.	47.	13.
3160	0000	-550	37.4558	81.8531	PPNR	1.1	3.8 +++	4.8	3.46 +	0.79 +++	4.38 --	1799.	47.	11.
3161	0000	-553	37.4558	81.8537	PPNR	1.0	3.6 +++	4.8	3.52 +	0.76 +++	4.64 -	1744.	46.	9.
3162	0000	-553	37.4559	81.8543	PPNR	1.0	3.6 +++	4.5 -	3.72 ++	0.79 +++	4.70 -	1631.	44.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-551	37.4559	81.8548	PPNR	0.9	3.1 ++	4.6	3.40 +	0.68 +++	5.04 -	1546.	46.	6.
3164	0000	-549	37.4559	81.8554	PPNR	0.9	2.8 +	5.0	3.17 +	0.56 ++	5.68	1515.	47.	7.
3165	0000	-544	37.4560	81.8561	PPNR	1.0	2.5 +	5.2	2.60 +	0.48 +	5.43	1544.	50.	8.
3166	0000	-543	37.4561	81.8566	PPNR	1.0	2.6 +	5.2	2.52	0.50 ++	5.04 -	1614.	50.	10.
3167	0000	-545	37.4560	81.8572	PPNR	1.1	2.5 +	5.5	2.31	0.45 +	5.09 -	1680.	49.	11.
3168	0000	-543	37.4561	81.8578	PPNR	1.1	2.6 +	5.4	2.38	0.48 +	4.95 -	1721.	51.	13.
3169	0000	-541	37.4561	81.8584	PPNR	1.1	2.3 +	5.8	2.13	0.41 +	5.24 -	1737.	51.	15.
3170	0000	-540	37.4561	81.8589	PPNR	1.1	2.2	5.8	1.99	0.38 +	5.19 -	1754.	51.	16.
3171	0000	-540	37.4562	81.8595	PPNR	1.1	1.8	6.2	1.60	0.30	5.38 -	1754.	51.	16.
3172	0000	-544	37.4562	81.8600	PPNR	1.1	1.9	6.1	1.69	0.32	5.31 -	1751.	48.	16.
3173	0000	-550	37.4562	81.8607	PPNR	1.2	1.8	6.2	1.51	0.30	5.10 -	1777.	48.	16.
3174	0000	-549	37.4563	81.8613	PPNR	1.3 +	2.0	6.1	1.59	0.33	4.82 -	1822.	49.	16.
3175	0000	-540	37.4564	81.8618	PPNR	1.3 +	2.1	6.4	1.60	0.34	4.73 -	1887.	50.	15.
3176	0000	-537	37.4564	81.8624	PPNR	1.4 +	2.5 +	6.7	1.78	0.38 +	4.72 -	1981.	48.	14.
3177	0000	-547	37.4564	81.8630	PPK	1.5 +	2.5 +	7.0	1.70	0.36 +	4.75	2019.	51.	14.
3178	0000	-547	37.4565	81.8635	PPK	1.5 +	2.9 +	6.8	2.00 +	0.43 +	4.66 -	2050.	48.	13.
3179	0000	-543	37.4565	81.8641	PPK	1.4	3.0 +	7.0	2.11 +	0.43 +	4.95	2052.	46.	11.
3180	0000	-545	37.4565	81.8647	PPK	1.3	2.9 +	7.5	2.23 +	0.39 +	5.73	1999.	46.	10.
3181	0000	-539	37.4565	81.8654	PPK	1.4	2.7 +	7.5	2.02 +	0.36 +	5.58	1966.	43.	9.
3182	0000	-537	37.4566	81.8659	PPK	1.3	2.7 +	7.5	2.00 +	0.35 +	5.68	1900.	44.	8.
3183	0000	-546	37.4566	81.8665	PPK	1.2	2.4 +	7.4	1.92	0.32	5.96	1795.	44.	8.
3184	0000	-540	37.4567	81.8671	PPK	1.1	2.3 +	6.8	2.05 +	0.34	6.09	1680.	43.	7.
3185	0000	-532	37.4567	81.8677	PPK	1.1	2.0	6.4	1.92	0.32	6.05	1567.	46.	7.
3186	0000	-538	37.4567	81.8682	PPK	1.0	1.9	6.2	1.80	0.30	5.94	1460.	48.	6.
3187	0000	-537	37.4567	81.8688	PPNR	1.0	1.7	5.3	1.75	0.33	5.29 -	1362.	52.	6.
3188	0000	-537	37.4568	81.8694	PPNR	0.9	1.8	4.6	2.05	0.39 +	5.32 -	1247.	51.	6.
3189	0000	-544	37.4568	81.8699	PPNR	0.8	1.5	4.3 -	1.79	0.35	5.13 -	1187.	50.	6.
3190	0000	-542	37.4568	81.8705	PPNR	0.8	1.5	4.0 -	1.74	0.37	4.74 -	1160.	50.	5.
3191	0000	-541	37.4569	81.8711	PPNR	0.9	1.6	4.4 -	1.77	0.35	5.02 -	1194.	51.	5.
3192	0000	-541	37.4569	81.8717	PPNR	0.9	2.0	4.6	2.18	0.43 +	5.06 -	1253.	51.	4.
3193	0000	-535	37.4570	81.8723	PPK	1.0	2.2 +	4.9	2.17 +	0.45 ++	4.85	1358.	52.	4.
3194	0000	-536	37.4570	81.8728	PPK	1.1	2.4 +	5.6	2.18 +	0.44 ++	4.99	1471.	48.	4.
3195	0000	-534	37.4571	81.8734	PPK	1.2	2.5 +	6.3	2.10 +	0.40 +	5.22	1573.	51.	4.
3196	0000	-535	37.4570	81.8741	PPK	1.2	2.8 +	6.8	2.31 +	0.41 +	5.62	1641.	54.	3.
3197	0000	-544	37.4571	81.8746	PPK	1.2	3.0 +	7.2	2.41 +	0.41 +	5.89	1707.	54.	4.
3198	0000	-544	37.4572	81.8752	PPK	1.3	3.0 +	7.2	2.41 +	0.42 +	5.73	1738.	53.	4.
3199	0000	-540	37.4572	81.8758	PPK	1.3	2.8 +	7.2	2.22 +	0.39 +	5.65	1746.	51.	5.
3200	0000	-536	37.4572	81.8764	PPK	1.3	2.8 +	7.1	2.21 +	0.39 +	5.68	1704.	52.	5.
3201	0000	-534	37.4573	81.8769	PPK	1.2	2.6 +	6.8	2.26 +	0.38 +	5.88	1647.	52.	6.
3202	0000	-538	37.4573	81.8775	PPK	1.1	2.3 +	6.6	2.02 +	0.35	5.83	1611.	49.	8.
3203	0000	-535	37.4573	81.8781	PPK	1.1	2.1	6.4	1.89	0.33	5.66	1599.	45.	8.
3204	0000	-529	37.4574	81.8787	PPK	1.2	1.8	5.9	1.56	0.31	5.06	1572.	45.	10.
3205	0000	-529	37.4574	81.8793	PPK	1.2	1.9	6.0	1.58	0.31	5.13	1593.	45.	11.
3206	0000	-527	37.4574	81.8798	PPK	1.2	1.8	6.3	1.52	0.28	5.45	1626.	44.	12.
3207	0000	-533	37.4575	81.8804	PPK	1.2	1.8	6.5	1.48	0.27	5.52	1706.	41.	14.
3208	0000	-538	37.4575	81.8810	PPNR	1.3 +	2.1	7.0	1.63	0.30	5.51	1817.	40.	14.
3209	0000	-532	37.4575	81.8816	PPNR	1.3 +	2.3 +	7.2	1.83	0.32	5.67	1974.	43.	15.
3210	0000	-527	37.4576	81.8821	PPNR	1.4 +	2.8 +	7.4	2.00	0.37	5.34 -	2045.	43.	16.
3211	0000	-529	37.4576	81.8827	PPNR	1.4 +	2.9 ++	8.0 +	2.14	0.37	5.84	2119.	46.	15.
3212	0000	-530	37.4576	81.8833	PPNR	1.3 +	2.9 ++	8.2 +	2.21	0.35	6.31	2121.	47.	15.
3213	0000	-529	37.4576	81.8838	PPNR	1.3 +	3.0 ++	8.2 +	2.34	0.37	6.35	2107.	48.	14.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-526	37.4576	81.8843	PPNR	1.2 +	2.9 ++	8.1 +	2.34	0.36	6.49	2040.	49.	12.
3215	0000	-523	37.4576	81.8848	PPNR	1.1	2.7 +	7.7 +	2.44	0.35	6.89	1932.	52.	11.
3216	0000	-524	37.4576	81.8853	PPNR	1.1	2.7 +	7.3	2.55	0.37	6.84	1797.	54.	9.
3217	0000	-525	37.4576	81.8858	PPNR	0.9	2.6 +	6.7	2.80 +	0.38 +	7.38	1637.	55.	8.
3218	0000	-526	37.4576	81.8864	PPNR	0.8	2.4 +	6.4	3.02 +	0.38 +	7.92	1523.	55.	8.
3219	0000	-526	37.4576	81.8869	PPNR	0.8	2.4 +	5.9	2.95 +	0.40 +	7.35	1451.	55.	7.
3220	0000	-525	37.4576	81.8874	PPNR	0.8	2.0	5.5	2.47	0.36	6.86	1400.	55.	8.
3221	0000	-525	37.4576	81.8879	PPNR	0.8	2.2	5.3	2.83 +	0.41 +	6.88	1362.	57.	8.
3222	0000	-525	37.4576	81.8884	PPNR	0.8	2.0	5.0	2.57 +	0.41 +	6.30	1347.	56.	9.
3223	0000	-518	37.4576	81.8889	PPNR	0.8	2.0	5.2	2.42	0.37	6.50	1364.	56.	9.
3224	0000	-519	37.4576	81.8895	PPNR	0.9	2.0	5.6	2.36	0.36	6.56	1414.	54.	10.
3225	0000	-528	37.4576	81.8900	PPNR	0.9	2.2	5.8	2.40	0.38 +	6.26	1486.	52.	10.
3226	0000	-527	37.4576	81.8905	PPNR	1.0	2.6 +	5.8	2.62 +	0.44 +	6.00	1569.	49.	10.
3227	0000	-521	37.4576	81.8911	PPNR	1.1	3.0 ++	5.7	2.85 +	0.53 ++	5.40 -	1687.	48.	10.
3228	0000	-521	37.4576	81.8915	PPNR	1.1	3.0 ++	6.5	2.69 +	0.47 +	5.78	1852.	45.	12.
3229	0000	-522	37.4576	81.8920	PPNR	1.2	3.1 ++	7.0	2.68 +	0.44 +	6.07	1999.	45.	14.
3230	0000	-528	37.4576	81.8925	PPNR	1.3 +	3.2 ++	7.7 +	2.52	0.41 +	6.06	2104.	43.	15.
3231	0000	-527	37.4576	81.8931	PPNR	1.3 +	3.0 ++	7.9 +	2.33	0.38 +	6.09	2160.	44.	17.
3232	0000	-518	37.4576	81.8936	PPNR	1.4 +	3.0 ++	8.0 +	2.21	0.37	5.93	2191.	45.	17.
3233	0000	-519	37.4576	81.8941	PPNR	1.4 +	3.1 ++	8.2 +	2.26	0.37 +	6.05	2201.	43.	16.
3234	0000	-522	37.4576	81.8947	PPNR	1.3 +	2.9 ++	8.4 +	2.28	0.35	6.61	2139.	43.	16.
3235	0000	-517	37.4576	81.8951	PPNR	1.3 +	2.9 ++	7.9 +	2.21	0.36	6.10	2021.	45.	14.
3236	0000	-517	37.4576	81.8956	PPNR	1.3 +	3.0 ++	7.7 +	2.30	0.39 +	5.94	1917.	44.	12.
3237	0000	-524	37.4576	81.8962	PPNR	1.2	2.9 ++	7.0	2.39	0.42 +	5.75	1824.	44.	11.
3238	0000	-522	37.4576	81.8967	PPNR	1.2	2.8 ++	6.7	2.36	0.42 +	5.56	1736.	43.	10.
3239	0000	-519	37.4576	81.8972	PPNR	1.1	2.6 +	6.3	2.33	0.41 +	5.69	1641.	43.	11.
3240	0000	-524	37.4576	81.8977	PPNR	1.1	2.1	6.1	1.95	0.35	5.59	1546.	46.	11.
3241	0000	-525	37.4576	81.8982	PPK	1.0	1.9	6.0	1.86	0.31	5.92	1451.	48.	11.
3242	0000	-518	37.4576	81.8987	PPK	0.9	1.8	5.7	2.00 +	0.32	6.27 +	1376.	45.	11.
3243	0000	-515	37.4576	81.8992	PPK	0.8 -	1.5	5.4	1.84	0.28	6.47 +	1290.	46.	12.
3244	0000	-516	37.4576	81.8998	PPK	0.8 -	1.4	5.4	1.82	0.27	6.73 +	1236.	46.	11.
3245	0000	-515	37.4576	81.9003	PPK	0.8 -	1.4	4.9	1.75	0.28	6.29 +	1207.	48.	10.
3246	0000	-519	37.4576	81.9008	PPK	0.8 -	1.4	4.7	1.81	0.30	6.02	1185.	50.	8.
3247	0000	-524	37.4576	81.9013	PPK	0.8 -	1.3	4.4 -	1.62	0.30	5.33	1184.	49.	7.
3248	0000	-524	37.4576	81.9018	PPK	0.8	1.5	4.2 -	1.80	0.37 +	4.91	1201.	48.	6.
3249	0000	-520	37.4576	81.9024	PPK	0.9	1.5	4.2 -	1.78	0.36 +	4.89	1242.	51.	4.
3250	0000	-520	37.4576	81.9029	PPK	0.9	1.7	4.5 -	1.85	0.37 +	5.05	1289.	50.	3.
3251	0000	-520	37.4575	81.9034	PPK	0.9	1.8	4.6 -	2.00 +	0.39 +	5.10	1328.	51.	2.
3252	0000	-517	37.4575	81.9039	PPK	0.9	1.9	4.9	2.10 +	0.39 +	5.45	1359.	52.	2.
3253	0000	-515	37.4575	81.9044	PPK	1.0	1.9	5.1	1.96 +	0.37 +	5.25	1423.	51.	3.
3254	0000	-517	37.4575	81.9049	PPK	1.0	2.1	5.8	2.19 +	0.36 +	6.07	1488.	51.	4.
3255	0000	-522	37.4575	81.9054	PPNR	1.0	2.2	6.2	2.12	0.36	5.94	1580.	55.	5.
3256	0000	-520	37.4575	81.9060	PPNR	1.1	2.1	6.9	1.90	0.31	6.23	1655.	54.	7.
3257	0000	-518	37.4576	81.9065	PPNR	1.1	2.1	7.1	1.80	0.29	6.24	1744.	54.	9.
3258	0000	-524	37.4576	81.9070	PPNR	1.2	2.3 +	7.3	1.87	0.31	5.98	1847.	52.	10.
3259	0000	-522	37.4576	81.9075	PPNR	1.4 +	2.6 +	7.6 +	1.91	0.34	5.63	1984.	49.	11.
3260	0000	-516	37.4576	81.9080	PPNR	1.4 +	3.0 ++	7.8 +	2.19	0.38 +	5.71	2058.	49.	11.
3261	0000	-518	37.4576	81.9085	PPNR	1.4 +	3.0 ++	7.8 +	2.12	0.38 +	5.58	2076.	49.	11.
3262	0000	-520	37.4576	81.9090	PPNR	1.3 +	2.9 ++	7.9 +	2.17	0.37	5.86	2049.	46.	11.
3263	0000	-525	37.4576	81.9096	PPNR	1.3 +	3.1 ++	7.0	2.37	0.44 +	5.41	1977.	47.	11.
3264	0000	-524	37.4576	81.9101	PPNR	1.2	3.3 ++	6.4	2.67 +	0.51 ++	5.22 -	1893.	47.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-517	37.4576	81.9106		PPNR	1.1	3.0 ++	6.0	2.71 +	0.51 ++	5.32 -	1783.	46.	8.
3266	0000	-521	37.4576	81.9111		PPNR	1.0	2.7 +	5.6	2.78 +	0.48 +	5.74	1629.	48.	7.
3267	0000	-521	37.4575	81.9117		PPNR	0.9	2.4 +	5.1	2.61 +	0.47 +	5.61	1509.	49.	8.
3268	0000	-517	37.4575	81.9121		PPNR	0.9	2.4 +	4.5 -	2.76 +	0.52 ++	5.31 -	1442.	47.	9.
3269	0000	-522	37.4575	81.9126		PPNR	0.8	2.2	4.6	2.56	0.47 +	5.42	1404.	48.	10.
3270	0000	-524	37.4575	81.9132		PPNR	0.8	2.2	4.6	2.67 +	0.47 +	5.68	1389.	49.	11.
3271	0000	-525	37.4575	81.9137		PPNR	0.8	1.9	4.7	2.29	0.41 +	5.53	1388.	49.	13.
3272	0000	-525	37.4575	81.9142		PPNR	0.9	1.8	4.7	2.08	0.38 +	5.44	1392.	49.	14.
3273	0000	-521	37.4575	81.9147		PPNR	0.9	1.7	4.8	1.90	0.35	5.41 -	1414.	50.	15.
3274	0000	-522	37.4575	81.9152		PPNR	0.9	1.7	5.1	1.95	0.33	5.81	1460.	46.	15.
3275	0000	-522	37.4575	81.9157		PPNR	0.9	1.7	5.5	1.86	0.31	5.92	1517.	46.	15.
3276	0000	-518	37.4575	81.9163		PPK	1.0	1.9	5.3	1.95 +	0.36 +	5.40	1583.	47.	16.
3277	0000	-520	37.4575	81.9168		PPK	1.1	2.2 +	5.6	2.01 +	0.39 +	5.20	1683.	47.	16.
3278	0000	-521	37.4575	81.9173		PPK	1.2	2.2	5.6	1.83	0.38 +	4.77	1790.	47.	17.
3279	0000	-522	37.4576	81.9178		PPK	1.3	2.7 +	6.3	2.04 +	0.43 +	4.78	1956.	49.	17.
3280	0000	-527	37.4576	81.9183		PPK	1.4	3.2 ++	6.7	2.28 +	0.48 ++	4.80	2124.	50.	17.
3281	0000	-528	37.4575	81.9189		PPK	1.5 +	3.5 ++	7.1	2.32 +	0.50 ++	4.69	2240.	51.	17.
3282	0000	-524	37.4575	81.9193		PPK	1.5 +	3.6 ++	7.2	2.35 +	0.50 ++	4.68 -	2294.	51.	17.
3283	0000	-522	37.4575	81.9199		PPK	1.6 +	3.7 ++	7.1	2.33 +	0.52 +++	4.52 -	2311.	51.	17.
3284	0000	-521	37.4575	81.9204		PPK	1.6 +	3.5 ++	7.7 +	2.22 +	0.45 ++	4.89	2318.	49.	16.
3285	0000	-521	37.4575	81.9209		PPK	1.5 +	3.6 ++	8.2 +	2.40 +	0.44 ++	5.46	2290.	48.	15.
3286	0000	-526	37.4575	81.9214		PPK	1.4	3.3 ++	7.8 +	2.40 +	0.43 +	5.60	2187.	49.	15.
3287	0000	-530	37.4575	81.9219		PPK	1.3	3.0 +	7.5	2.31 +	0.41 +	5.68	2074.	47.	14.
3288	0000	-523	37.4575	81.9225		PPK	1.2	2.7 +	7.2	2.20 +	0.38 +	5.75	1984.	46.	15.
3289	0000	-522	37.4575	81.9230		PPK	1.2	2.5 +	6.8	2.08 +	0.37 +	5.59	1928.	45.	15.
3290	0000	-526	37.4575	81.9235		PPK	1.2	2.4 +	7.0	2.00 +	0.35	5.74	1917.	44.	16.
3291	0000	-522	37.4575	81.9240		PPK	1.2	2.2 +	6.3	1.86	0.35	5.36	1875.	45.	18.
3292	0000	-525	37.4575	81.9245		PPK	1.2	1.9	6.0	1.65	0.32	5.14	1857.	46.	19.
3293	0000	-529	37.4575	81.9250		PPK	1.2	1.7	6.4	1.33	0.26	5.11	1851.	45.	19.
3294	0000	-524	37.4575	81.9255		PPK	1.2	1.5	6.4	1.27	0.24	5.25	1803.	46.	19.
3295	0000	-527	37.4575	81.9261		PPK	1.2	1.4	6.3	1.22	0.23	5.34	1751.	49.	19.
3296	0000	-529	37.4575	81.9266		PPK	1.1	1.6	6.2	1.48	0.26	5.66	1699.	50.	17.
3297	0000	-524	37.4575	81.9271		PPK	1.0	1.6	6.2	1.62	0.27	6.08	1625.	51.	15.
3298	0000	-530	37.4575	81.9277		PPK	1.0	1.8	5.9	1.77	0.31	5.77	1572.	50.	13.
3299	0000	-532	37.4575	81.9281		PPK	1.0	1.9	5.6	1.96 +	0.34	5.71	1494.	51.	11.
3300	0000	-526	37.4575	81.9286		PPK	0.9	2.0	5.0	2.24 +	0.40 +	5.60	1402.	50.	10.
3301	0000	-529	37.4575	81.9291		PPK	0.9	2.0	4.7	2.32 +	0.43 +	5.39	1364.	51.	9.
3302	0000	-530	37.4575	81.9297		PPK	0.8	2.3 +	4.5 -	2.66 +	0.50 ++	5.35	1343.	50.	9.
3303	0000	-523	37.4575	81.9302		PPK	0.9	2.1	4.6 -	2.38 +	0.46 ++	5.13	1331.	51.	9.
3304	0000	-528	37.4575	81.9307		PPK	0.8	2.1	4.4 -	2.47 +	0.48 ++	5.15	1296.	50.	10.
3305	0000	-536	37.4575	81.9312		PPK	0.8 -	1.9	4.5 -	2.50 +	0.43 +	5.83	1252.	51.	11.
3306	0000	-533	37.4575	81.9317		PPK	0.7 -	1.9	4.3 -	2.58 +	0.44 ++	5.87	1235.	50.	12.
3307	0000	-535	37.4575	81.9322		PPK	0.8 -	2.0	4.7	2.54 +	0.42 +	6.07	1261.	52.	11.
3308	0000	-534	37.4575	81.9328		PPK	0.8 -	1.8	4.6 -	2.34 +	0.40 +	5.92	1275.	53.	12.
3309	0000	-527	37.4575	81.9333		PPK	0.8 -	1.5	4.5 -	1.91	0.33	5.73	1282.	53.	13.
3310	0000	-528	37.4575	81.9338		PPK	0.8 -	1.5	4.3 -	1.82	0.34	5.36	1300.	53.	12.
3311	0000	-531	37.4575	81.9343		PPK	0.9	1.4	4.8	1.51	0.28	5.32	1363.	53.	12.
3312	0000	-531	37.4575	81.9348		PPK	1.0	1.5	4.9	1.55	0.31	5.05	1449.	53.	11.
3313	0000	-537	37.4575	81.9353		PPK	1.1	2.0	5.0	1.84	0.39 +	4.66 -	1568.	52.	10.
3314	0000	-536	37.4575	81.9359		PPK	1.1	2.1	5.8	1.90	0.36 +	5.26	1663.	51.	9.
3315	0000	-532	37.4575	81.9364		PPK	1.1	2.4 +	5.8	2.14 +	0.41 +	5.15	1735.	49.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-534	37.4575	81.9369	PPK	1.1	2.5 +	6.3	2.22 +	0.41 +	5.47	1784.	48.	8.
3317	0000	-538	37.4575	81.9374	PPK	1.2	2.6 +	6.5	2.30 +	0.41 +	5.65	1795.	48.	8.
3318	0000	-535	37.4575	81.9379	PPK	1.1	2.8 +	6.2	2.48 +	0.44 ++	5.58	1760.	49.	9.
3319	0000	-535	37.4574	81.9384	PPK	1.1	2.8 +	6.2	2.56 +	0.45 ++	5.71	1730.	48.	10.
3320	0000	-543	37.4574	81.9390	PPK	1.1	2.2 +	6.3	2.04 +	0.35 +	5.79	1657.	50.	12.
3321	0000	-541	37.4574	81.9395	PPK	1.0	2.1	5.2	2.07 +	0.41 +	5.08	1571.	49.	13.
3322	0000	-532	37.4574	81.9400	PPK	1.0	1.9	5.4	1.87	0.34	5.44	1519.	50.	15.
3323	0000	-537	37.4574	81.9406	PPK	1.0	1.8	5.2	1.74	0.34	5.14	1501.	51.	16.
3324	0000	-545	37.4574	81.9410	PPK	1.0	1.5	5.5	1.53	0.28	5.57	1501.	49.	18.
3325	0000	-540	37.4575	81.9415	PPK	1.0	1.4	5.7	1.34	0.24	5.52	1541.	50.	18.
3326	0000	-536	37.4575	81.9420	PPK	1.1	1.3	6.2	1.23	0.21	5.85	1583.	50.	19.
3327	0000	-537	37.4575	81.9426	PPK	1.1	1.5	6.5	1.42	0.23	6.12	1641.	47.	18.
3328	0000	-542	37.4575	81.9431	PPK	1.2	1.4	6.9	1.20	0.20	5.96	1701.	48.	18.
3329	0000	-546	37.4575	81.9436	PPK	1.2	1.5	7.0	1.21	0.21	5.70	1748.	49.	16.
3330	0000	-542	37.4575	81.9442	PPK	1.3	1.5	7.0	1.19	0.22	5.46	1771.	50.	16.
3331	0000	-542	37.4575	81.9446	PPK	1.4	1.8	7.1	1.28	0.25	5.15	1821.	53.	15.
3332	0000	-549	37.4575	81.9451	PPK	1.4 +	1.8	7.5	1.22	0.23	5.20	1890.	51.	14.
3333	0000	-547	37.4575	81.9456	PPK	1.5 +	2.0	7.7 +	1.35	0.26	5.10	1963.	51.	13.
3334	0000	-540	37.4574	81.9462	PPK	1.6 +	2.1	8.4 +	1.34	0.25	5.35	2063.	50.	13.
3335	0000	-544	37.4574	81.9467	PPK	1.7 +	2.2 +	8.6 +	1.35	0.26	5.23	2152.	50.	14.
3336	0000	-553	37.4574	81.9472	PPK	1.7 +	2.4 +	9.2 ++	1.43	0.26	5.47	2237.	49.	15.
3337	0000	-552	37.4574	81.9478	PPK	1.7 +	2.6 +	9.6 ++	1.52	0.27	5.59	2328.	47.	16.
3338	0000	-546	37.4574	81.9482	PPK	1.8 +	2.5 +	9.7 ++	1.39	0.26	5.42	2391.	46.	18.
3339	0000	-550	37.4574	81.9487	PPK	1.7 +	2.6 +	9.6 ++	1.46	0.27	5.49	2438.	48.	20.
3340	0000	-554	37.4574	81.9492	PPK	1.8 +	2.4 +	8.9 +	1.32	0.27	4.93	2432.	48.	22.
3341	0000	-550	37.4574	81.9498	PPK	1.8 +	2.3 +	8.4 +	1.30	0.28	4.63 -	2347.	48.	22.
3342	0000	-552	37.4574	81.9503	PPK	1.7 +	2.4 +	7.9 +	1.42	0.30	4.75	2245.	49.	22.
3343	0000	-560	37.4574	81.9508	PPK	1.6 +	2.4 +	7.3	1.45	0.33	4.40 -	2162.	48.	22.
3344	0000	-557	37.4574	81.9513	PPK	1.6 +	2.4 +	7.0	1.53	0.34	4.44 -	2102.	49.	20.
3345	0000	-556	37.4574	81.9519	PPK	1.5 +	2.6 +	6.9	1.78	0.38 +	4.73	2054.	49.	18.
3346	0000	-558	37.4574	81.9523	PPK	1.5 +	2.8 +	6.8	1.88	0.42 +	4.51 -	1977.	48.	15.
3347	0000	-549	37.4574	81.9529	PPK	1.4 +	2.7 +	6.8	1.85	0.39 +	4.70	1920.	49.	13.
3348	0000	-551	37.4574	81.9534	PPK	1.4	2.5 +	6.7	1.83	0.38 +	4.86	1853.	52.	12.
3349	0000	-560	37.4574	81.9539	PPK	1.4	2.5 +	6.5	1.82	0.38 +	4.76	1781.	52.	11.
3350	0000	-557	37.4574	81.9544	PPK	1.3	2.1	6.5	1.63	0.32	5.10	1697.	53.	10.
3351	0000	-557	37.4574	81.9549	PPK	1.2	1.8	6.1	1.48 -	0.29	5.08	1592.	51.	10.
3352	0000	-558	37.4574	81.9555	PPK	1.1	1.7	5.7	1.54	0.30	5.16	1481.	51.	10.
3353	0000	-553	37.4574	81.9560	PPK	1.0	1.7	5.2	1.65	0.32	5.17	1399.	50.	10.
3354	0000	-553	37.4574	81.9565	PPK	0.9	1.7	5.0	1.96 +	0.34	5.68	1330.	52.	9.
3355	0000	-551	37.4574	81.9570	PPK	0.9	1.9	4.7	2.19 +	0.40 +	5.50	1312.	52.	9.
3356	0000	-551	37.4574	81.9576	PPK	0.8 -	2.0	4.8	2.45 +	0.41 +	5.98	1319.	51.	9.
3357	0000	-561	37.4574	81.9580	PPK	0.8 -	2.1	4.9	2.64 +	0.43 +	6.13	1318.	48.	8.
3358	0000	-566	37.4574	81.9585	PPK	0.8 -	2.1	4.9	2.61 +	0.42 +	6.19	1304.	49.	7.
3359	0000	-564	37.4574	81.9591	PPK	0.8 -	2.0	4.9	2.57 +	0.40 +	6.38 +	1288.	48.	7.
3360	0000	-561	37.4574	81.9596	PPK	0.7 -	1.8	5.0	2.53 +	0.37 +	6.83 +	1244.	50.	7.
3361	0000	-562	37.4574	81.9601	PPK	0.7 -	1.7	4.9	2.55 +	0.35	7.32 ++	1197.	47.	8.
3362	0000	-561	37.4574	81.9607	PPK	0.6 --	1.5	4.9	2.38 +	0.30	8.00 ++	1167.	48.	8.
3363	0000	-558	37.4574	81.9611	PPK	0.6 --	1.3	5.0	2.02 +	0.26	7.90 ++	1161.	47.	8.
3364	0000	-565	37.4574	81.9616	PPK	0.7 -	1.3	5.0	1.87	0.25	7.42 ++	1178.	49.	9.
3365	0000	-568	37.4574	81.9621	PPK	0.7 -	1.3	5.3	1.68	0.23	7.18 ++	1237.	51.	10.
3366	0000	-561	37.4574	81.9627	PPK	0.9	1.3	5.7	1.53	0.23	6.62 +	1326.	52.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-564	37.4574	81.9632		PPK	0.9	1.1	6.3	1.18	0.18 -	6.69 +	1439.	50.	12.
3368	0000	-562	37.4574	81.9637		PPK	1.1	1.2	6.6	1.14	0.18 -	6.22 +	1559.	50.	12.
3369	0000	-554	37.4574	81.9643		PPK	1.2	1.4	6.6	1.19	0.21	5.55	1639.	48.	12.
3370	0000	-557	37.4574	81.9647		PPK	1.2	1.4	6.7	1.16	0.22	5.36	1681.	49.	13.
3371	0000	-559	37.4574	81.9652		PPK	1.2	1.7	6.8	1.37	0.25	5.49	1700.	50.	11.
3372	0000	-562	37.4574	81.9657		PPK	1.2	1.9	6.6	1.59	0.29	5.44	1699.	49.	10.
3373	0000	-569	37.4574	81.9663		PPK	1.1	2.1	6.3	1.84	0.33	5.51	1664.	48.	8.
3374	0000	-561	37.4574	81.9668		PPK	1.1	2.4 +	5.8	2.13 +	0.42 +	5.08	1627.	50.	6.
3375	0000	-560	37.4574	81.9673		PPK	1.1	2.5 +	5.5	2.35 +	0.45 ++	5.19	1545.	50.	5.
3376	0000	-570	37.4574	81.9678		PPK	1.0	2.5 +	5.7	2.59 +	0.44 ++	5.82	1474.	50.	3.
3377	0000	-567	37.4574	81.9684		PPK	0.9	2.4 +	5.5	2.66 +	0.44 ++	6.05	1427.	51.	3.
3378	0000	-566	37.4574	81.9689		PPK	0.9	2.1	5.5	2.29 +	0.38 +	5.98	1397.	51.	4.
3379	0000	-567	37.4574	81.9694		PPK	0.9	2.0	5.4	2.33 +	0.37 +	6.22 +	1357.	51.	5.
3380	0000	-559	37.4574	81.9699		PPK	0.9	1.9	5.6	2.05 +	0.33	6.18	1351.	52.	6.
3381	0000	-559	37.4574	81.9704		PPK	0.9	1.8	5.6	1.88	0.31	5.98	1333.	52.	7.
3382	0000	-560	37.4574	81.9709		PPK	0.9	1.6	5.6	1.70	0.28	6.03	1336.	52.	8.
3383	0000	-564	37.4574	81.9714		PPK	1.0	1.4	5.4	1.48	0.27	5.52	1353.	54.	8.
3384	0000	-573	37.4574	81.9720		PPK	1.0	1.6	5.6	1.56	0.29	5.43	1371.	54.	7.
3385	0000	-571	37.4574	81.9725		PPK	1.1	1.8	5.4	1.66	0.33	5.08	1399.	53.	6.
3386	0000	-565	37.4574	81.9730		PPK	1.2	1.8	5.8	1.54	0.31	4.92	1486.	53.	5.
3387	0000	-567	37.4573	81.9735		PPK	1.3	1.7	5.9	1.34	0.29	4.64 -	1541.	55.	4.
3388	0000	-568	37.4573	81.9740		PPK	1.3	1.7	6.0	1.31	0.29	4.51 -	1584.	53.	2.
3389	0000	-573	37.4573	81.9745		PPK	1.4	1.9	6.2	1.33	0.30	4.45 -	1648.	51.	1.
3390	0000	-578	37.4573	81.9750		PPK	1.4	2.0	6.6	1.46	0.30	4.81	1655.	52.	1.
3391	0000	-575	37.4573	81.9756		PPK	1.4	2.0	6.5	1.42	0.30	4.68 -	1668.	52.	1.
3392	0000	-573	37.4574	81.9761		PPK	1.5 +	1.9	6.9	1.29	0.28	4.69	1707.	51.	1.
3393	0000	-575	37.4574	81.9766		PPK	1.5 +	1.9	7.0	1.31	0.27	4.83	1691.	53.	1.
3394	0000	-579	37.4574	81.9772		PPK	1.4	2.0	7.3	1.44	0.27	5.24	1691.	51.	1.
3395	0000	-579	37.4574	81.9776		PPK	1.4	2.2 +	7.7 +	1.59	0.29	5.45	1735.	51.	1.
3396	0000	-569	37.4574	81.9781		PPK	1.5 +	2.3 +	7.5	1.57	0.31	5.15	1763.	54.	2.
3397	0000	-569	37.4574	81.9786		PPK	1.5 +	2.4 +	7.3	1.59	0.33	4.82	1829.	52.	3.
3398	0000	-578	37.4574	81.9792		PPK	1.6 +	2.5 +	7.8 +	1.61	0.32	4.98	1883.	51.	3.
3399	0000	-576	37.4574	81.9797		PPK	1.5 +	2.6 +	7.8 +	1.67	0.33	5.07	1903.	53.	3.
3400	0000	-574	37.4573	81.9802		PPK	1.6 +	2.4 +	7.9 +	1.51	0.31	4.88	1917.	51.	3.
3401	0000	-578	37.4573	81.9807		PPK	1.5 +	2.5 +	7.3	1.64	0.35	4.73	1881.	49.	4.
3402	0000	-576	37.4573	81.9812		PPK	1.4 +	2.4 +	7.0	1.65	0.34	4.91	1779.	50.	4.
3403	0000	-573	37.4573	81.9817		PPK	1.3	2.4 +	6.5	1.91	0.37 +	5.11	1654.	50.	3.
3404	0000	-572	37.4573	81.9822		PPK	1.2	2.3 +	6.2	1.95 +	0.37 +	5.30	1533.	50.	2.
3405	0000	-573	37.4573	81.9828		PPK	1.0	2.1	5.6	2.06 +	0.38 +	5.41	1416.	51.	3.
3406	0000	-577	37.4573	81.9833		PPK	0.9	2.0	5.2	2.30 +	0.39 +	5.86	1305.	50.	3.
3407	0000	-574	37.4573	81.9838		PPK	0.7 -	2.1	4.8	2.84 ++	0.44 ++	6.45 +	1223.	51.	3.
3408	0000	-574	37.4573	81.9843		PPK	0.7 -	1.9	4.7	2.85 ++	0.41 +	6.93 +	1168.	52.	3.
3409	0000	-579	37.4573	81.9848		PPK	0.7 -	1.9	4.7	2.80 ++	0.40 +	6.96 +	1144.	49.	4.
3410	0000	-579	37.4573	81.9854		PPK	0.7 -	1.7	4.8	2.43 +	0.35 +	6.92 +	1159.	47.	5.
3411	0000	-576	37.4573	81.9859		PPK	0.8 -	1.7	4.9	2.20 +	0.34	6.45 +	1187.	49.	5.
3412	0000	-575	37.4573	81.9864		PPK	0.8 -	1.9	4.8	2.46 +	0.40 +	6.14	1236.	47.	5.
3413	0000	-576	37.4573	81.9869		PPK	0.9	2.0	5.0	2.32 +	0.40 +	5.83	1292.	46.	5.
3414	0000	-578	37.4573	81.9874		PPK	0.9	1.9	5.2	2.07 +	0.37 +	5.64	1344.	49.	6.
3415	0000	-580	37.4573	81.9879		PPK	1.0	2.1	5.8	2.11 +	0.36 +	5.86	1421.	50.	6.
3416	0000	-578	37.4573	81.9885		PPK	1.0	2.0	6.2	1.94 +	0.32	5.99	1508.	51.	7.
3417	0000	-574	37.4573	81.9890		PPK	1.2	2.1	6.8	1.82	0.31	5.82	1607.	50.	7.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 140, DAY 292

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-578	37.4573	81.9895		PPK	1.2	1.9	7.4	1.57	0.26	6.05	1718.	50.	8.
3419	0000	-584	37.4573	81.9901		PPK	1.5	1.5	8.0 +	1.18	0.19	6.16	1781.	52.	10.
3420	0000	-582	37.4573	81.9905		PPK	1.3	1.7	8.3 +	1.33	0.21	6.42 +	1814.	51.	9.
3421	0000	-580	37.4573	81.9910		PPK	1.3	1.8	8.4 +	1.45	0.22	6.65 +	1831.	48.	9.
3422	0000	-578	37.4573	81.9915		PPK	1.3	2.0	7.9 +	1.53	0.26	5.98	1854.	48.	8.
3423	0000	-577	37.4573	81.9921		PPK	1.4	2.1	7.9 +	1.52	0.27	5.70	1868.	48.	7.
3424	0000	-582	37.4573	81.9926		PPK	1.3	2.2 +	8.0 +	1.64	0.27	6.02	1855.	48.	6.
3425	0000	-580	37.4573	81.9931		PPK	1.3	2.3 +	7.8 +	1.73	0.29	5.96	1791.	46.	4.
3426	0000	-576	37.4573	81.9937		PPK	1.3	2.3 +	7.3	1.76	0.32	5.58	1716.	48.	3.
3427	0000	-580	37.4573	81.9942		PPK	1.3	2.1	6.9	1.64	0.31	5.34	1646.	50.	2.
3428	0000	-580	37.4573	81.9946		PPK	1.3	2.1	6.1	1.63	0.34	4.82	1572.	49.	2.
3429	0000	-580	37.4573	81.9951		PPK	1.2	1.6	6.1	1.33	0.26	5.06	1472.	52.	3.
3430	0000	-585	37.4573	81.9957		PPK	1.1	1.4	5.9	1.27	0.24	5.24	1380.	52.	4.
3431	0000	-586	37.4573	81.9962		PPK	1.1	1.0 -	5.5	0.92 -	0.19	4.85	1314.	53.	5.
3432	0000	-584	37.4573	81.9967		PPK	1.1	1.0 -	5.5	0.99 -	0.19	5.19	1295.	52.	6.
3433	0000	-583	37.4572	81.9973		PPK	1.1	1.2	5.8	1.11	0.21	5.33	1356.	49.	7.
3434	0000	-588	37.4572	81.9977		PPK	1.2	1.1	6.2	0.97 -	0.18 -	5.32	1433.	47.	7.
3435	0000	-587	37.4572	81.9982		PPK	1.2	1.1	6.2	0.97 -	0.18 -	5.32	1433.	47.	7.
3436	0000	-583	37.4572	81.9987		PPK	1.2	1.1	6.2	0.97 -	0.18 -	5.32	1433.	47.	7.
3437	0000	-590	37.4572	81.9992		PPK	1.2	1.1	6.2	0.97 -	0.18 -	5.32	1433.	47.	7.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-562	37.3721	81.9993	PPNG	1.3	0.7 -	5.8	0.59 --	0.13 --	4.57 -	1458.	51.	12.
2	0000	-565	37.3720	81.9987	PPNG	1.3	0.7 -	5.8	0.59 --	0.13 --	4.57 -	1458.	51.	12.
3	0000	-565	37.3720	81.9982	PPNG	1.3	0.7 -	5.8	0.59 --	0.13 --	4.57 -	1458.	51.	12.
4	0000	-562	37.3720	81.9976	PPNG	1.3	0.7 -	5.8	0.59 --	0.13 --	4.57 -	1458.	51.	12.
5	0010	-561	37.3720	81.9971	PPNG	1.4	0.7 N.A.	6.5	0.45 N.A.	0.10 N.A.	4.52 -	1575.	50.	12.
6	0010	-562	37.3720	81.9964	PPNG	1.6 +	0.7 N.A.	6.7	0.47 N.A.	0.11 N.A.	4.24 -	1676.	50.	12.
7	0000	-560	37.3720	81.9959	PPNG	1.6 +	1.2	6.7	0.76 -	0.18 -	4.26 -	1704.	50.	11.
8	0000	-559	37.3719	81.9953	PPNG	1.5 +	1.6	6.6	1.09	0.25	4.36 -	1705.	50.	9.
9	0000	-561	37.3719	81.9947	PPNG	1.5	1.9	6.5	1.31	0.29	4.44 -	1679.	50.	7.
10	0000	-560	37.3719	81.9942	PPNG	1.4	1.8	6.3	1.27	0.29	4.36 -	1612.	50.	6.
11	0000	-557	37.3719	81.9936	PPW	1.3	1.8	6.0	1.37	0.30	4.52 --	1527.	48.	5.
12	0000	-558	37.3719	81.9930	PPW	1.1	1.9	5.2 -	1.75	0.36 +	4.78 -	1389.	50.	3.
13	0000	-559	37.3719	81.9924	PPW	0.9 -	2.0	4.9 -	2.18 +	0.41 +	5.36	1275.	49.	2.
14	0000	-557	37.3719	81.9919	PPW	0.8 -	1.8	4.9 -	2.18 +	0.37 +	5.94	1208.	50.	1.
15	0000	-556	37.3718	81.9912	PPW	0.8 -	1.6	4.7 -	2.03 +	0.35 +	5.76	1160.	51.	2.
16	0000	-554	37.3718	81.9907	PPW	0.8 -	1.6	4.3 --	2.02 +	0.37 +	5.50	1130.	51.	2.
17	0000	-553	37.3718	81.9901	PPW	0.8 -	1.6	4.6 -	2.09 +	0.35 +	5.97	1125.	49.	2.
18	0000	-553	37.3719	81.9894	PPW	0.8 -	1.6	4.8 -	1.93	0.33	5.90	1136.	50.	1.
19	0000	-554	37.3718	81.9889	PPW	0.9 -	1.5	5.2 -	1.78	0.30	5.97	1173.	51.	2.
20	0000	-553	37.3718	81.9883	PPW	0.9	1.7	5.3	1.80	0.31	5.79	1233.	53.	3.
21	0000	-551	37.3718	81.9877	PPW	1.0	1.5	5.6	1.58	0.27	5.76	1280.	51.	3.
22	0000	-551	37.3717	81.9872	PPW	1.0	1.6	5.9	1.62	0.28	5.82	1330.	50.	3.
23	0000	-552	37.3718	81.9866	PPNG	1.0	1.6	6.5	1.50	0.24	6.18 +	1376.	49.	4.
24	0000	-552	37.3718	81.9860	PPNG	1.1	1.8	6.5	1.60	0.27	5.86	1456.	48.	3.
25	0000	-550	37.3717	81.9855	PPNG	1.2	2.1	7.1	1.75	0.29	6.02	1544.	49.	4.
26	0000	-550	37.3717	81.9848	PPNG	1.3	2.2 +	7.8 +	1.75	0.28	6.19 +	1651.	47.	3.
27	0000	-551	37.3717	81.9843	PPNG	1.4	2.2 +	8.4 +	1.60	0.26	6.20 +	1709.	46.	3.
28	0000	-550	37.3717	81.9837	PPNG	1.4	2.4 +	8.5 +	1.63	0.28	5.88	1806.	47.	2.
29	0000	-548	37.3717	81.9831	PPNG	1.5 +	2.3 +	9.4 +	1.53	0.25	6.21 +	1859.	49.	2.
30	0000	-547	37.3717	81.9826	PPNG	1.5 +	2.3 +	9.3 +	1.47	0.24	6.02	1867.	50.	2.
31	0000	-544	37.3717	81.9820	PPNG	1.4	2.2 +	9.0 +	1.52	0.25	6.20 +	1817.	51.	2.
32	0000	-542	37.3716	81.9814	PPNG	1.4	2.0	8.8 +	1.50	0.23	6.49 +	1753.	51.	2.
33	0000	-544	37.3716	81.9807	PPNG	1.3	2.0	8.0 +	1.53	0.25	6.18 +	1671.	51.	3.
34	0000	-541	37.3716	81.9802	PPNG	1.2	2.0	7.4	1.60	0.26	6.08	1617.	50.	4.
35	0000	-539	37.3716	81.9796	PPNG	1.2	1.7	7.4	1.39	0.23	6.09	1559.	50.	5.
36	0000	-543	37.3716	81.9790	PPNG	1.2	1.6	6.7	1.37	0.24	5.65	1541.	51.	7.
37	0000	-542	37.3716	81.9785	PPNG	1.2	1.7	6.6	1.43	0.26	5.59	1562.	51.	8.
38	0000	-539	37.3716	81.9779	PPNG	1.3	1.7	6.8	1.36	0.25	5.34	1618.	51.	10.
39	0000	-540	37.3716	81.9773	PPNG	1.4	1.8	6.7	1.29	0.26	4.94	1661.	51.	11.
40	0000	-538	37.3716	81.9767	PPW	1.3	1.9	6.6	1.41	0.28	5.03 -	1666.	51.	12.
41	0000	-534	37.3716	81.9762	PPW	1.3	1.8	6.6	1.36	0.27	4.95 -	1675.	53.	13.
42	0000	-532	37.3715	81.9756	PPW	1.3	1.9	6.7	1.41	0.28	5.06 -	1697.	53.	13.
43	0000	-533	37.3715	81.9750	PPW	1.3	1.9	7.0	1.47	0.27	5.35	1705.	51.	12.
44	0000	-532	37.3715	81.9744	PPW	1.3	1.9	7.1	1.42	0.27	5.35	1724.	49.	12.
45	0000	-530	37.3715	81.9738	PPW	1.3	1.8	7.0	1.38	0.26	5.34	1681.	52.	10.
46	0000	-528	37.3715	81.9733	PPW	1.3	1.8	7.2	1.39	0.25	5.67	1645.	51.	9.
47	0000	-528	37.3715	81.9727	PPW	1.3	1.7	7.1	1.34	0.24	5.55	1631.	50.	7.
48	0000	-527	37.3715	81.9721	PPW	1.2	1.8	7.1	1.51	0.25	6.02	1591.	49.	6.
49	0000	-523	37.3714	81.9715	PPNG	1.1	1.8	6.9	1.67	0.26	6.31 +	1521.	49.	4.
50	0000	-524	37.3714	81.9709	PPNG	1.1	1.6	6.4	1.51	0.26	5.91	1458.	50.	4.
51	0000	-525	37.3714	81.9703	PPNG	1.1	1.7	6.1	1.62	0.28	5.71	1417.	52.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-522	37.3714	81.9697	PPNG	1.1	1.7	6.2	1.57	0.27	5.72	1438.	49.	4.
53	0000	-519	37.3714	81.9692	PPNG	1.1	1.7	6.1	1.58	0.28	5.66	1453.	50.	3.
54	0000	-520	37.3714	81.9686	PPNG	1.1	1.6	6.0	1.42	0.27	5.25	1470.	51.	4.
55	0000	-519	37.3714	81.9680	PPNG	1.2	1.7	6.0	1.33	0.28	4.79 -	1516.	50.	3.
56	0000	-519	37.3713	81.9674	PPNG	1.3	1.7	5.9	1.30	0.28	4.62 -	1545.	49.	4.
57	0000	-520	37.3713	81.9669	PPNG	1.3	1.6	6.1	1.27	0.27	4.79 -	1567.	47.	4.
58	0000	-519	37.3714	81.9663	PPNG	1.3	1.6	6.2	1.20	0.25	4.74 -	1570.	48.	5.
59	0000	-515	37.3713	81.9657	PPNG	1.3	1.5	6.3	1.15	0.24	4.87	1571.	48.	5.
60	0000	-515	37.3713	81.9651	PPNG	1.3	1.4	6.2	1.04 -	0.23	4.57 -	1597.	47.	6.
61	0000	-514	37.3713	81.9645	PPNG	1.3	1.5	6.5	1.15	0.23	5.05	1606.	47.	7.
62	0000	-512	37.3713	81.9640	PPNG	1.3	1.3	6.7	0.98 -	0.19 -	5.19	1590.	47.	8.
63	0000	-511	37.3712	81.9634	PPNG	1.3	1.4	6.7	1.06	0.20	5.25	1587.	49.	8.
64	0000	-508	37.3713	81.9628	PPNG	1.3	1.3	6.4	1.00 -	0.20	4.94	1583.	51.	10.
65	0000	-504	37.3713	81.9622	PPNG	1.3	1.2	6.3	0.98 -	0.19 -	5.04	1555.	49.	9.
66	0000	-504	37.3712	81.9616	PPNG	1.2	1.1 -	6.3	0.92 -	0.18 -	5.06	1521.	51.	10.
67	0000	-504	37.3712	81.9610	PPNG	1.2	1.1 -	6.0	0.92 -	0.18 -	5.16	1456.	53.	10.
68	0000	-502	37.3712	81.9604	PPNG	1.1	1.2	5.4	1.09	0.22	4.86	1389.	52.	9.
69	0000	-501	37.3712	81.9599	PPNG	1.0	1.1 -	5.0	1.13	0.22	5.11	1316.	53.	10.
70	0000	-498	37.3712	81.9593	PPNG	0.9	1.0 -	4.6 -	1.10	0.21	5.12	1244.	51.	11.
71	0000	-496	37.3712	81.9587	PPNG	0.8 -	1.0 -	5.0	1.26	0.21	6.09	1209.	49.	11.
72	0000	-495	37.3712	81.9581	PPNG	0.8 -	1.1 -	4.7 -	1.34	0.23	5.80	1216.	49.	11.
73	0000	-494	37.3711	81.9576	PPNG	0.8 -	1.1 -	5.0	1.38	0.22	6.17 +	1214.	48.	12.
74	0000	-494	37.3711	81.9570	PPNG	0.8 -	1.0 -	4.8 -	1.39	0.22	6.36 +	1203.	46.	12.
75	0000	-493	37.3711	81.9564	PPNG	0.8 -	0.7 -	4.8 -	0.94 -	0.16 -	6.04	1194.	46.	13.
76	0000	-491	37.3711	81.9559	PPNG	0.8 -	0.9 -	4.8 -	1.04 -	0.18 -	5.87	1196.	47.	12.
77	0000	-489	37.3711	81.9552	PPNG	0.8 -	0.8 -	5.0	0.92 -	0.15 -	5.93	1213.	47.	12.
78	0000	-487	37.3711	81.9547	PPNG	0.9 -	0.6 --	5.1	0.70 -	0.12 --	5.76	1231.	49.	12.
79	0000	-488	37.3711	81.9541	PPNG	0.9 -	0.7 --	5.4	0.78 -	0.12 --	6.31 +	1243.	51.	11.
80	0000	-487	37.3710	81.9536	PPNG	0.9	0.6 --	5.3	0.68 -	0.11 --	5.96	1243.	50.	11.
81	0000	-484	37.3710	81.9529	PPNG	0.9	0.6 --	5.4	0.67 --	0.12 --	5.69	1240.	55.	11.
82	0000	-482	37.3710	81.9523	PPNG	1.0	0.7 -	5.4	0.74 -	0.13 --	5.60	1272.	55.	10.
83	0000	-480	37.3710	81.9517	PPNG	1.1	0.6 --	5.5	0.56 --	0.11 --	5.12	1326.	54.	11.
84	0000	-478	37.3710	81.9512	PPNG	1.2	0.6 --	5.7	0.47 --	0.10 --	4.79 -	1421.	53.	12.
85	0000	-478	37.3710	81.9506	PPNG	1.3	0.6 --	5.7	0.51 --	0.11 --	4.54 -	1475.	53.	13.
86	0010	-475	37.3710	81.9500	PPNG	1.4	0.5 N.A.	6.6	0.39 N.A.	0.08 N.A.	4.84	1543.	53.	14.
87	0000	-473	37.3710	81.9495	PPNG	1.4	0.7 -	7.2	0.52 --	0.10 --	5.24	1655.	51.	14.
88	0000	-472	37.3710	81.9489	PPNG	1.5 +	0.8 -	7.7	0.52 --	0.10 --	5.22	1756.	45.	14.
89	0000	-470	37.3710	81.9483	PPNG	1.5 +	0.8 -	8.3 +	0.54 --	0.10 --	5.57	1803.	44.	13.
90	0000	-468	37.3709	81.9477	PPNG	1.5	1.1 -	8.5 +	0.76 -	0.13 --	5.85	1818.	46.	12.
91	0000	-467	37.3709	81.9472	PPNG	1.4	1.3	8.3 +	0.95 -	0.16 -	5.98	1770.	47.	10.
92	0000	-466	37.3709	81.9465	PPNG	1.3	1.5	8.0 +	1.18	0.19 -	6.18 +	1719.	47.	8.
93	0000	-465	37.3709	81.9459	PPNG	1.2	1.4	7.4	1.16	0.19 -	6.04	1640.	45.	7.
94	0000	-462	37.3709	81.9454	PPNG	1.2	1.4	6.5	1.22	0.22	5.48	1537.	46.	6.
95	0000	-463	37.3709	81.9448	PPNG	1.1	1.4	6.2	1.28	0.23	5.52	1473.	50.	6.
96	0000	-464	37.3709	81.9442	PPNG	1.1	1.3	5.9	1.14	0.21	5.40	1423.	53.	5.
97	0000	-459	37.3708	81.9436	PPNG	1.1	1.1 -	5.5	1.06	0.21	5.15	1384.	52.	5.
98	0000	-458	37.3708	81.9430	PPNG	1.0	1.2	5.4	1.19	0.22	5.32	1340.	53.	5.
99	0000	-459	37.3708	81.9425	PPNG	1.0	1.2	5.3	1.21	0.23	5.22	1325.	53.	6.
100	0000	-459	37.3708	81.9418	PPNG	1.0	1.4	5.0	1.48	0.28	5.29	1326.	55.	6.
101	0000	-459	37.3708	81.9413	PPNG	0.9	1.4	5.1	1.48	0.27	5.38	1323.	55.	7.
102	0000	-460	37.3708	81.9407	PPNG	0.9	1.6	5.1	1.71	0.32	5.36	1325.	52.	6.

CP9 IP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-459	37.3708	81.9402	PPNG	1.0	1.8	5.2	1.78	0.34 +	5.28	1363.	50.	6.
104	0000	-457	37.3707	81.9395	PPNG	1.0	1.9	5.4	1.94 +	0.35 +	5.53	1395.	50.	5.
105	0000	-457	37.3708	81.9390	PPNG	1.0	1.8	5.8	1.77	0.31	5.81	1425.	48.	4.
106	0000	-457	37.3708	81.9384	PPNG	1.0	1.9	5.7	1.80 +	0.33 +	5.44	1435.	47.	4.
107	0000	-455	37.3707	81.9379	PPNG	1.1	1.9	5.8	1.75	0.33 +	5.23	1437.	48.	3.
108	0000	-456	37.3707	81.9373	PPNG	1.1	1.9	6.2	1.73	0.32	5.48	1476.	48.	2.
109	0000	-458	37.3707	81.9367	PPK	1.1	1.9	6.6	1.72	0.29	6.02	1510.	52.	1.
110	0000	-456	37.3707	81.9361	PPK	1.1	1.9	6.8	1.77	0.28	6.31 +	1499.	54.	1.
111	0000	-455	37.3707	81.9355	PPK	1.1	1.7	7.0	1.58	0.24	6.56 +	1489.	54.	1.
112	0000	-455	37.3707	81.9350	PPK	1.0	1.8	7.0	1.75	0.26	6.84 +	1491.	53.	1.
113	0000	-453	37.3707	81.9343	PPK	1.1	1.7	7.2	1.62	0.24	6.79 +	1501.	55.	1.
114	0000	-453	37.3706	81.9337	PPK	1.1	1.6	7.4	1.56	0.22	7.03 +	1507.	55.	1.
115	0000	-454	37.3706	81.9332	PPK	1.0	1.9	6.9	1.82	0.28	6.60 +	1484.	57.	1.
116	0000	-453	37.3706	81.9326	PPK	1.0	1.8	6.8	1.72	0.27	6.49 +	1447.	54.	1.
117	0000	-451	37.3706	81.9320	PPK	1.0	1.7	6.7	1.69	0.26	6.47 +	1433.	54.	2.
118	0000	-450	37.3706	81.9314	PPNR	1.1	1.8	6.5	1.75	0.28	6.21	1423.	54.	2.
119	0000	-450	37.3706	81.9309	PPNR	1.1	1.6	6.3	1.53	0.26	5.82	1412.	55.	3.
120	0000	-450	37.3706	81.9303	PPNR	1.1	1.6	6.0	1.55	0.27	5.67	1402.	55.	4.
121	0000	-450	37.3705	81.9297	PPNR	1.1	1.7	5.6	1.50	0.30	5.06 -	1410.	54.	4.
122	0000	-449	37.3705	81.9291	PPNR	1.1	1.7	5.9	1.49	0.28	5.27 -	1426.	50.	4.
123	0000	-448	37.3705	81.9286	PPNR	1.1	1.8	5.8	1.60	0.31	5.15 -	1416.	51.	5.
124	0000	-448	37.3705	81.9280	PPNR	1.1	1.8	5.5	1.60	0.33	4.78 -	1405.	49.	5.
125	0000	-447	37.3705	81.9274	PPNR	1.1	1.9	5.3	1.63	0.35	4.61 -	1403.	48.	6.
126	0000	-446	37.3705	81.9268	PPNR	1.1	2.0	5.3	1.71	0.37	4.63 -	1405.	49.	6.
127	0000	-445	37.3705	81.9262	PPNR	1.1	1.9	5.6	1.71	0.34	5.09 -	1384.	48.	6.
128	0000	-445	37.3705	81.9257	PPNR	1.0	1.9	5.6	1.91	0.33	5.72	1328.	47.	6.
129	0000	-445	37.3705	81.9250	PPNR	0.9	1.5	5.5	1.67	0.28	5.90	1262.	50.	7.
130	0000	-444	37.3705	81.9244	PPNR	0.9	1.3	5.0	1.44	0.27	5.43	1229.	48.	6.
131	0000	-445	37.3704	81.9239	PPNR	0.9	1.3	5.0	1.54	0.27	5.80	1208.	49.	5.
132	0000	-446	37.3704	81.9233	PPNR	0.9	1.2	5.0	1.38	0.24	5.70	1184.	50.	5.
133	0000	-444	37.3704	81.9227	PPNR	0.9	1.3	5.0	1.53	0.26	5.82	1174.	48.	4.
134	0000	-441	37.3704	81.9221	PPNR	0.9	1.5	4.8	1.77	0.32	5.63	1174.	46.	3.
135	0000	-441	37.3704	81.9216	PPNR	0.9	1.6	5.1	1.81	0.31	5.90	1206.	46.	2.
136	0000	-441	37.3704	81.9210	PPNR	0.9	1.7	5.0	1.88	0.35	5.43	1231.	48.	2.
137	0000	-439	37.3704	81.9204	PPNR	0.9	1.9	5.5	2.12	0.35	6.06	1273.	48.	1.
138	0000	-438	37.3703	81.9198	PPNR	0.9	2.0	5.2	2.15	0.38 +	5.62	1273.	46.	2.
139	0000	-438	37.3703	81.9193	PPNR	0.9	2.1	5.2	2.42	0.40 +	6.10	1278.	43.	2.
140	0000	-438	37.3703	81.9187	PPNR	0.8	1.8	5.3	2.11	0.34	6.23	1272.	44.	4.
141	0000	-439	37.3703	81.9182	PPNR	0.9	1.6	5.4	1.75	0.29	5.99	1310.	46.	5.
142	0000	-439	37.3703	81.9175	PPNR	1.0	1.3	5.8	1.24 -	0.22	5.57	1373.	46.	6.
143	0000	-438	37.3703	81.9169	PPNR	1.1	1.3	5.9	1.18 -	0.21	5.55	1442.	42.	7.
144	0000	-436	37.3703	81.9164	PPNR	1.1	1.3	5.8	1.12 -	0.21 -	5.20 -	1462.	44.	8.
145	0000	-435	37.3702	81.9157	PPK	1.2	1.1	6.3	0.96 -	0.18 -	5.30	1498.	44.	8.
146	0000	-435	37.3703	81.9151	PPK	1.2	1.1 -	6.3	0.87 -	0.17 -	5.14	1505.	47.	9.
147	0000	-435	37.3702	81.9145	PPK	1.2	1.3	6.2	1.12	0.21	5.24	1502.	46.	8.
148	0000	-434	37.3702	81.9139	PPK	1.1	1.3	6.0	1.13	0.21	5.26	1459.	45.	7.
149	0000	-434	37.3702	81.9133	PPK	1.1	1.5	5.5	1.37	0.26	5.22	1395.	46.	7.
150	0000	-434	37.3702	81.9126	PPK	1.0	1.3	5.7	1.29	0.24	5.47	1344.	47.	6.
151	0000	-434	37.3702	81.9121	PPK	1.0	1.6	5.7	1.51	0.28	5.48	1362.	46.	4.
152	0000	-433	37.3702	81.9114	PPK	1.1	1.7	6.0	1.59	0.28	5.64	1427.	46.	3.
153	0000	-431	37.3701	81.9108	PPK	1.1	1.9	6.5	1.72	0.29	5.88	1499.	46.	2.

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-431	37.3701	81.9102	PPK	1.2	1.9	6.6	1.54	0.28	5.44	1569.	46.	2.
155	0000	-431	37.3701	81.9095	PPK	1.3	2.1	7.0	1.68	0.30	5.59	1638.	47.	1.
156	0000	-429	37.3701	81.9090	PPK	1.3	2.3 +	7.7 +	1.82	0.30	5.98	1697.	46.	0.
157	0000	-428	37.3701	81.9083	PPK	1.3	2.5 +	7.9 +	1.93	0.32	6.11	1726.	48.	0.
158	0000	-429	37.3701	81.9077	PPK	1.3	2.4 +	7.9 +	1.86	0.30	6.26 +	1709.	49.	1.
159	0000	-427	37.3700	81.9071	PPK	1.2	2.5 +	7.6 +	2.05 +	0.32	6.31 +	1658.	53.	1.
160	0000	-427	37.3700	81.9065	PPK	1.2	2.3 +	7.4	2.00 +	0.32	6.34 +	1609.	55.	2.
161	0000	-428	37.3700	81.9059	PPK	1.1	2.3 +	7.3	2.13 +	0.32	6.65 +	1564.	55.	2.
162	0000	-426	37.3700	81.9052	PPNR	1.1	2.2	7.2	1.99	0.30	6.55	1544.	53.	4.
163	0000	-425	37.3700	81.9046	PPNR	1.1	2.1	6.6	1.91	0.32	5.92	1512.	53.	5.
164	0000	-425	37.3700	81.9040	PPNR	1.1	1.9	6.2	1.75	0.31	5.71	1493.	52.	6.
165	0000	-425	37.3699	81.9034	PPK	1.1	1.7	6.2	1.62	0.27	5.90	1468.	51.	7.
166	0000	-426	37.3699	81.9028	PPK	1.0	1.5	6.3	1.42	0.23	6.06	1459.	50.	8.
167	0000	-426	37.3699	81.9022	PPK	1.1	1.4	6.2	1.22	0.22	5.59	1470.	49.	9.
168	0000	-423	37.3699	81.9015	PPK	1.1	1.4	6.3	1.27	0.22	5.68	1488.	50.	9.
169	0000	-422	37.3699	81.9010	PPK	1.1	1.6	6.3	1.41	0.25	5.74	1516.	53.	9.
170	0000	-422	37.3699	81.9003	PPK	1.2	1.3	7.0	1.17	0.19	6.10	1563.	53.	9.
171	0000	-421	37.3699	81.8997	PPK	1.2	1.4	7.5 +	1.22	0.19 -	6.52 +	1577.	53.	9.
172	0000	-419	37.3699	81.8991	PPNR	1.2	1.6	7.3	1.38	0.22	6.18	1595.	52.	8.
173	0000	-419	37.3699	81.8985	PPNR	1.2	1.7	7.2	1.45	0.23	6.24	1575.	51.	7.
174	0000	-416	37.3698	81.8979	PPNR	1.1	1.8	7.2	1.60	0.25	6.41	1545.	50.	6.
175	0000	-415	37.3698	81.8972	PPNR	1.1	1.6	7.1	1.48	0.22	6.42	1513.	49.	5.
176	0000	-416	37.3698	81.8967	PPNR	1.1	1.4	7.1	1.[illegible] -	0.20 -	6.46	1461.	47.	3.
177	0000	-415	37.3698	81.8960	PPNR	1.0	1.6	6.2	1.58	0.26	6.19	1391.	49.	2.
178	0000	-413	37.3698	81.8954	PPNR	1.0	1.6	5.8	1.53	0.27	5.77	1372.	49.	2.
179	0000	-413	37.3697	81.8948	PPNR	1.0	1.4	6.1	1.44	0.24	5.96	1374.	50.	2.
180	0000	-413	37.3697	81.8942	PPNR	1.1	1.5	6.3	1.35	0.23	5.83	1387.	51.	1.
181	0000	-411	37.3697	81.8936	PPNR	1.1	1.5	6.3	1.35	0.23	5.86	1388.	51.	1.
182	0000	-410	37.3697	81.8929	PPNR	1.0	1.8	6.3	1.72	0.28	6.02	1407.	52.	0.
183	0000	-409	37.3697	81.8923	PPNR	1.1	1.9	6.1	1.76	0.31	5.58	1420.	54.	0.
184	0000	-407	37.3697	81.8917	PPNR	1.1	1.9	6.2	1.75	0.31	5.73	1427.	54.	0.
185	0000	-407	37.3696	81.8911	PPNR	1.1	2.2	6.0	2.01	0.36	5.53	1430.	52.	0.
186	0000	-407	37.3696	81.8904	PPNR	1.1	2.0	5.9	1.82	0.35	5.53	1401.	50.	0.
187	0000	-406	37.3696	81.8899	PPNR	1.0	2.1	5.4	2.10	0.39 +	5.59	1381.	49.	0.
188	0000	-406	37.3696	81.8892	PPNR	0.9	2.2	5.2	2.38	0.43 +	5.57	1367.	48.	1.
189	0000	-406	37.3696	81.8886	PPNR	0.9	2.0	5.1	2.13	0.39 +	5.49	1325.	50.	2.
190	0000	-405	37.3696	81.8880	PPNR	0.9	1.8	5.1	1.96	0.36	5.49	1306.	48.	3.
191	0000	-402	37.3696	81.8874	PPNR	0.9	1.6	5.3	1.69	0.30	5.69	1328.	45.	5.
192	0000	-401	37.3696	81.8868	PPNR	1.0	1.2	6.1	1.21 -	0.19 -	6.27	1357.	48.	5.
193	0000	-400	37.3696	81.8861	PPNR	1.0	1.5	5.6	1.51	0.27	5.64	1401.	50.	7.
194	0000	-398	37.3695	81.8856	PPK	1.1	1.4	6.0	1.30	0.24	5.37	1438.	51.	8.
195	0000	-397	37.3695	81.8849	PPK	1.1	1.3	6.2	1.14	0.20	5.42	1462.	50.	10.
196	0000	-397	37.3695	81.8843	PPK	1.2	1.2	6.2	1.02	0.19	5.25	1490.	49.	10.
197	0000	-395	37.3695	81.8837	PPK	1.1	1.2	6.3	1.08	0.20	5.45	1500.	49.	9.
198	0000	-393	37.3695	81.8831	PPK	1.1	1.4	6.0	1.24	0.22	5.35	1461.	53.	8.
199	0000	-394	37.3695	81.8825	PPK	1.1	1.7	5.3	1.62	0.33	4.88	1415.	53.	6.
200	0000	-395	37.3694	81.8818	PPK	1.0	1.5	5.6	1.44	0.25	5.50	1361.	53.	6.
201	0000	-394	37.3694	81.8813	PPK	0.9	1.4	5.4	1.46	0.25	5.72	1306.	55.	5.
202	0000	-393	37.3694	81.8806	PPK	0.9	1.4	5.6	1.59	0.25	6.31 +	1283.	57.	4.
203	0000	-392	37.3694	81.8800	PPK	0.8 -	1.6	5.6	1.88	0.28	6.68 +	1265.	58.	3.
204	0000	-391	37.3694	81.8794	PPK	0.8 -	1.6	5.5	1.[illegible] -	0.30	6.60 +	1253.	58.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-393	37.3694	81.8788		PPK	0.8 -	1.7	5.7	2.07 +	0.30	7.00 +	1247.	57.	2.
206	0000	-394	37.3693	81.8781		PPK	0.8 -	1.7	5.9	2.10 +	0.28	7.45 ++	1262.	55.	2.
207	0000	-392	37.3693	81.8775		PPK	0.9	1.9	6.3	2.18 +	0.30	7.27 ++	1315.	54.	1.
208	0000	-391	37.3693	81.8769		PPK	1.0	2.0	6.6	2.06 +	0.30	6.87 +	1384.	54.	1.
209	0000	-391	37.3693	81.8763		PPK	1.0	1.9	6.9	1.81	0.27	6.76 +	1433.	54.	1.
210	0000	-389	37.3693	81.8757		PPK	1.1	1.9	7.1	1.71	0.27	6.38 +	1489.	52.	1.
211	0000	-389	37.3692	81.8750		PPK	1.1	1.8	7.5	1.55	0.24	6.54 +	1530.	51.	2.
212	0000	-390	37.3692	81.8745		PPK	1.2	1.8	7.9 +	1.48	0.23	6.56 +	1584.	50.	1.
213	0000	-389	37.3692	81.8738		PPK	1.2	1.8	8.1 +	1.47	0.22	6.58 +	1607.	51.	2.
214	0000	-388	37.3692	81.8732		PPK	1.2	1.9	8.2 +	1.59	0.23	7.02 +	1589.	51.	2.
215	0000	-389	37.3692	81.8726		PPK	1.1	2.0	7.9 +	1.79	0.25	7.14 +	1572.	50.	2.
216	0000	-387	37.3692	81.8720		PPK	1.0	2.2 +	7.7 +	2.17 +	0.29	7.46 ++	1543.	50.	2.
217	0000	-384	37.3692	81.8714		PPNR	1.0	2.1	7.6 +	2.11	0.28	7.49	1501.	48.	2.
218	0000	-383	37.3692	81.8707		PPNR	1.0	2.3 +	7.0	2.35	0.32	7.32	1460.	49.	2.
219	0000	-386	37.3692	81.8702		PPNR	0.9	2.2	6.5	2.44	0.35	7.06	1418.	48.	2.
220	0000	-388	37.3691	81.8695		PPNR	0.9	2.1	6.0	2.28	0.34	6.62	1367.	50.	1.
221	0000	-385	37.3691	81.8689		PPNR	0.9	1.8	5.9	1.87	0.30	6.28	1351.	50.	1.
222	0000	-383	37.3691	81.8683		PPNR	1.0	1.6	6.1	1.67	0.26	6.36	1355.	49.	2.
223	0000	-383	37.3690	81.8677		PPNR	1.0	1.4	5.9	1.35	0.23	5.90	1382.	50.	4.
224	0000	-383	37.3690	81.8671		PPNR	1.1	1.3	6.0	1.26 -	0.22	5.67	1444.	51.	5.
225	0000	-383	37.3690	81.8664		PPNR	1.2	1.3	6.5	1.07 -	0.19 -	5.48	1554.	52.	7.
226	0000	-382	37.3690	81.8659		PPNR	1.2 +	1.1 -	6.9	0.91 --	0.16 -	5.49	1613.	53.	9.
227	0000	-382	37.3690	81.8652		PPNR	1.3 +	1.0 -	7.1	0.78 --	0.14 --	5.56	1650.	51.	11.
228	0000	-382	37.3690	81.8646		PPNR	1.3 +	1.1 -	6.9	0.87 --	0.16 -	5.45	1641.	52.	12.
229	0000	-382	37.3690	81.8640		PPNR	1.2 +	1.2	6.4	0.96 -	0.19 -	5.10 -	1615.	51.	12.
230	0000	-383	37.3690	81.8634		PPNR	1.2	1.2	5.7	1.03 -	0.22	4.78 -	1569.	54.	12.
231	0000	-383	37.3690	81.8627		PPNR	1.1	1.2	5.6	1.14 -	0.22	5.25 -	1493.	53.	12.
232	0000	-382	37.3689	81.8621		PPNR	1.0	1.2	5.2	1.29 -	0.24	5.43	1358.	52.	10.
233	0000	-381	37.3689	81.8615		PPNR	0.9	1.4	4.7	1.61	0.30	5.37 -	1258.	53.	8.
234	0000	-381	37.3689	81.8609		PPNR	0.8	1.5	4.6	1.85	0.32	5.82	1182.	53.	6.
235	0000	-382	37.3689	81.8603		PPNR	0.8	1.3	4.5 -	1.77	0.30	5.98	1137.	52.	5.
236	0000	-383	37.3689	81.8596		PPNR	0.7	1.2	4.7	1.59	0.25	6.43	1099.	52.	3.
237	0000	-384	37.3689	81.8591		PPNR	0.8	1.3	5.1	1.74	0.26	6.75	1095.	48.	2.
238	0000	-385	37.3688	81.8584		PPNR	0.8	1.4	5.0	1.83	0.28	6.42	1093.	49.	0.
239	0000	-384	37.3689	81.8579		PPNR	0.7	1.5	4.7	1.97	0.31	6.34	1095.	49.	0.
240	0000	-384	37.3689	81.8572		PPNR	0.7	1.4	4.7	1.88	0.30	6.34	1111.	47.	1.
241	0000	-386	37.3688	81.8566		PPNR	0.8	1.4	4.6 -	1.69	0.30	5.60	1152.	48.	2.
242	0000	-386	37.3688	81.8560		PPNR	0.8	1.6	4.8	1.87	0.33	5.68	1236.	46.	3.
243	0000	-387	37.3687	81.8553		PPNR	0.9	1.7	4.9	1.97	0.35	5.63	1285.	48.	5.
244	0000	-388	37.3687	81.8548		PPNR	0.9	1.5	5.5	1.69	0.28	6.07	1311.	48.	6.
245	0000	-389	37.3687	81.8541		PPNR	0.9	1.6	5.6	1.82	0.29	6.25	1325.	49.	7.
246	0000	-389	37.3687	81.8535		PPNR	0.9	1.4	6.1	1.56	0.23	6.81	1337.	47.	9.
247	0000	-391	37.3687	81.8529		PPNR	0.9	1.4	6.0	1.50	0.22	6.68	1326.	48.	10.
248	0000	-393	37.3687	81.8523		PPNR	0.9	1.3	6.2	1.42	0.21 -	6.88	1335.	47.	11.
249	0000	-394	37.3687	81.8517		PPNR	0.9	1.1 -	6.4	1.21 -	0.17 -	7.10	1323.	46.	11.
250	0000	-395	37.3687	81.8510		PPNR	0.9	1.0 -	6.4	1.10 -	0.16 --	7.06	1316.	44.	12.
251	0000	-396	37.3687	81.8504		PPNR	0.9	1.1 -	5.9	1.24 -	0.19 -	6.51	1318.	45.	11.
252	0000	-397	37.3686	81.8498		PPNR	1.0	0.9 -	5.9	0.93 --	0.15 --	6.00	1333.	44.	11.
253	0000	-398	37.3686	81.8492		PPNR	1.1	1.1 -	6.3	0.98 -	0.17 -	5.84	1395.	45.	9.
254	0000	-399	37.3686	81.8486		PPNR	1.2	1.2 -	6.8	0.98 -	0.17 -	5.81	1493.	45.	8.
255	0000	-400	37.3686	81.8480		PPNR	1.2	1.6	7.0	1.30 -	0.23	5.71	1569.	45.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-400	37.3686	81.8473	PPNR	1.4 +	1.8	7.0	1.32 -	0.26	5.13 -	1651.	48.	5.
257	0000	-400	37.3686	81.8468	PPNR	1.5 +	1.7	7.7 +	1.19 -	0.23	5.22 -	1757.	49.	5.
258	0000	-400	37.3685	81.8461	PPNR	1.7 ++	1.8	8.1 +	1.06 -	0.22	4.87 -	1876.	48.	6.
259	0000	-400	37.3685	81.8455	PPNR	1.7 ++	1.9	8.5 +	1.07 -	0.22	4.85 -	1988.	49.	6.
260	0000	-401	37.3685	81.8449	PPNR	1.8 ++	2.0	8.3 +	1.13 -	0.24	4.66 -	2045.	50.	7.
261	0000	-403	37.3685	81.8442	PPNR	1.8 ++	2.0	8.2 +	1.14 -	0.25	4.58 -	2053.	50.	8.
262	0000	-403	37.3685	81.8437	PPNR	1.8 ++	1.6	8.2 +	0.88 --	0.19 -	4.54 -	2032.	49.	9.
263	0000	-403	37.3685	81.8430	PPNR	1.7 ++	1.4	7.8 +	0.86 --	0.19 -	4.65 -	1969.	48.	9.
264	0000	-404	37.3684	81.8425	PPNR	1.6 ++	1.7	6.9	1.05 -	0.24	4.33 --	1874.	47.	9.
265	0000	-406	37.3684	81.8418	PPK	1.4	1.7	6.8	1.22	0.25	4.86	1746.	48.	7.
266	0000	-409	37.3684	81.8412	PPK	1.3	1.6	6.2	1.30	0.27	4.88	1609.	48.	7.
267	0000	-408	37.3684	81.8405	PPK	1.2	1.6	5.9	1.35	0.27	5.08	1486.	49.	5.
268	0000	-407	37.3684	81.8399	PPK	1.0	1.5	5.5	1.51	0.28	5.35	1380.	50.	5.
269	0000	-408	37.3684	81.8394	PPK	1.0	1.5	5.2	1.60	0.29	5.44	1296.	52.	5.
270	0000	-409	37.3683	81.8387	PPK	0.9	1.4	5.5	1.56	0.27	5.89	1230.	52.	4.
271	0000	-410	37.3683	81.8381	PPK	0.9	1.2	5.5	1.40	0.23	6.18	1184.	53.	5.
272	0000	-408	37.3683	81.8375	PPK	0.9	1.1	5.4	1.29	0.21	6.23 +	1172.	50.	5.
273	0000	-409	37.3683	81.8369	PPK	0.9	1.0 -	5.5	1.19	0.19	6.34 +	1161.	48.	6.
274	0000	-412	37.3683	81.8362	PPK	0.9	0.8 -	5.6	0.92 -	0.14 -	6.43 +	1151.	47.	7.
275	0000	-412	37.3682	81.8356	PPK	0.9	0.6 --	5.6	0.73 -	0.12 -	6.33 +	1145.	48.	7.
276	0000	-409	37.3682	81.8350	PPK	0.9	0.7 --	5.6	0.83 -	0.13 -	6.34 +	1153.	47.	7.
277	0000	-407	37.3683	81.8344	PPK	0.9	0.8 -	5.2	0.88 -	0.15 -	5.79	1170.	47.	9.
278	0000	-409	37.3682	81.8338	PPK	0.9	0.8 -	5.1	0.91 -	0.17 -	5.50	1174.	49.	9.
279	0000	-412	37.3682	81.8332	PPK	0.9	0.8 -	4.7	0.80 -	0.16 -	4.96	1169.	52.	9.
280	0000	-411	37.3682	81.8326	PPK	0.9	0.8 -	4.7	0.89 -	0.18 -	5.01	1162.	54.	9.
281	0000	-411	37.3682	81.8319	PPK	0.9	1.0 -	4.5 -	1.08	0.23	4.78	1174.	54.	8.
282	0000	-413	37.3682	81.8314	PPK	0.9	1.1	4.7	1.19	0.24	4.95	1177.	53.	8.
283	0000	-415	37.3682	81.8307	PPK	0.9	1.2	5.0	1.30	0.23	5.55	1143.	55.	7.
284	0000	-415	37.3681	81.8300	PPK	0.9	1.0 -	5.1	1.09	0.19	5.65	1133.	55.	7.
285	0000	-416	37.3681	81.8295	PPK	0.9	1.0 -	5.4	1.12	0.18 -	6.12	1173.	56.	6.
286	0000	-418	37.3681	81.8288	PPK	0.9	1.3	5.9	1.49	0.23	6.48 +	1229.	54.	6.
287	0000	-418	37.3681	81.8282	PPK	1.0	1.6	6.3	1.61	0.25	6.43 +	1325.	54.	5.
288	0000	-418	37.3681	81.8276	PPK	1.1	1.5	7.0	1.42	0.21	6.63 +	1408.	54.	5.
289	0000	-419	37.3681	81.8270	PPK	1.1	1.5	7.2	1.30	0.20	6.36 +	1471.	53.	6.
290	0000	-420	37.3680	81.8264	PPK	1.2	1.5	6.8	1.26	0.21	5.85	1513.	51.	7.
291	0000	-420	37.3680	81.8258	PPK	1.1	1.6	6.8	1.41	0.24	5.96	1511.	50.	6.
292	0000	-420	37.3680	81.8251	PPK	1.1	1.7	6.8	1.51	0.25	6.15	1483.	50.	6.
293	0000	-419	37.3680	81.8245	PPK	1.0	1.6	6.7	1.53	0.23	6.55 +	1430.	50.	6.
294	0000	-418	37.3680	81.8239	PPK	1.0	1.4	6.3	1.43	0.22	6.56 +	1365.	50.	6.
295	0000	-419	37.3680	81.8233	PPK	0.9	1.4	5.5	1.59	0.25	6.45 +	1297.	49.	6.
296	0000	-420	37.3679	81.8227	PPK	0.8 -	1.4	5.0	1.78	0.28	6.36 +	1241.	48.	5.
297	0000	-420	37.3679	81.8221	PPK	0.7 -	1.8	4.9	2.38 +	0.36 +	6.60 +	1227.	51.	3.
298	0000	-421	37.3679	81.8215	PPK	0.7 -	1.9	4.9	2.64 +	0.38 +	6.88 +	1218.	49.	3.
299	0000	-422	37.3679	81.8208	PPK	0.7 -	2.1	4.6 -	3.04 ++	0.46 ++	6.55 +	1199.	50.	3.
300	0000	-422	37.3679	81.8203	PPK	0.8 -	2.1	4.4 -	2.77 ++	0.48 ++	5.74	1208.	50.	2.
301	0000	-421	37.3679	81.8196	PPK	0.8 -	2.1	4.5 -	2.63 +	0.45 ++	5.79	1210.	51.	2.
302	0000	-422	37.3678	81.8190	PPK	0.8 -	2.3 +	4.6 -	2.90 ++	0.49 ++	5.87	1206.	52.	1.
303	0000	-422	37.3678	81.8184	PPK	0.8 -	2.4 +	4.8	3.02 ++	0.50 ++	6.09	1217.	53.	1.
304	0000	-422	37.3679	81.8178	PPK	0.8 -	2.0	5.2	2.46 +	0.39 +	6.29 +	1227.	51.	2.
305	0000	-422	37.3678	81.8172	PPNR	0.9	1.8	5.6	1.97	0.32	6.21	1236.	53.	3.
306	0000	-422	37.3678	81.8165	PPNR	0.9	1.3	5.8	1.44	0.23	6.27	1232.	52.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-423	37.3678	81.8160	PPNR	0.9	1.2	5.4	1.35	0.22	6.12	1200.	53.	5.
308	0000	-423	37.3678	81.8153	PPNR	0.9	1.0 -	5.6	1.14 -	0.19 -	6.11	1197.	53.	6.
309	0000	-422	37.3678	81.8147	PPNR	0.9	0.9 -	5.7	0.95 --	0.16 --	6.04	1235.	55.	7.
310	0000	-421	37.3677	81.8140	PPNR	1.0	0.9 -	6.2	0.87 --	0.14 --	6.06	1301.	53.	8.
311	0000	-423	37.3677	81.8134	PPNR	1.1	0.9 -	6.5	0.84 --	0.14 --	6.01	1372.	55.	8.
312	0000	-425	37.3677	81.8129	PPNR	1.1	1.2	6.5	1.03 -	0.18 -	5.73	1440.	53.	7.
313	0000	-424	37.3677	81.8122	PPNR	1.2	1.6	6.7	1.33	0.23	5.76	1497.	54.	6.
314	0000	-423	37.3677	81.8116	PPNR	1.2	1.4	7.1	1.18 -	0.20 -	5.89	1520.	53.	5.
315	0000	-423	37.3677	81.8110	PPNR	1.2	1.7	7.0	1.48	0.25	6.04	1513.	54.	3.
316	0000	-424	37.3676	81.8104	PPNR	1.1	2.0	6.8	1.77	0.29	6.04	1508.	54.	2.
317	0000	-424	37.3676	81.8097	PPNR	1.1	2.0	6.6	1.78	0.31	5.78	1474.	56.	2.
318	0000	-424	37.3676	81.8092	PPNR	1.1	2.1	6.3	1.92	0.33	5.86	1412.	54.	1.
319	0000	-424	37.3676	81.8085	PPNR	1.0	2.1	5.9	2.03	0.35	5.82	1346.	54.	0.
320	0000	-421	37.3676	81.8079	PPNR	1.0	1.9	5.6	1.88	0.34	5.55	1308.	54.	1.
321	0000	-421	37.3676	81.8073	PPNR	1.0	2.0	5.3	2.06	0.38 +	5.40 -	1327.	53.	2.
322	0000	-422	37.3675	81.8067	PPNR	1.0	2.0	5.4	1.94	0.37	5.23 -	1361.	52.	2.
323	0000	-421	37.3675	81.8061	PPNR	1.0	1.8	5.7	1.75	0.32	5.49	1378.	51.	2.
324	0000	-422	37.3675	81.8054	PPNR	1.1	1.7	5.9	1.60	0.29	5.60	1408.	50.	4.
325	0000	-424	37.3675	81.8049	PPNR	1.1	1.9	6.1	1.71	0.31	5.52	1467.	50.	5.
326	0000	-423	37.3675	81.8042	PPNR	1.2	1.8	6.1	1.55	0.29	5.31 -	1539.	51.	7.
327	0000	-421	37.3675	81.8036	PPNR	1.2	2.1	6.6	1.70	0.31	5.44	1598.	51.	8.
328	0000	-421	37.3674	81.8030	PPNR	1.3 +	2.0	6.9	1.55	0.29	5.30 -	1612.	52.	9.
329	0000	-421	37.3674	81.8024	PPNR	1.3 +	1.9	6.4	1.49	0.30	4.95 -	1602.	52.	9.
330	0000	-419	37.3674	81.8017	PPNR	1.3 +	1.7	5.8	1.27 -	0.29	4.34 --	1556.	52.	10.
331	0000	-418	37.3674	81.8011	PPNR	1.3 +	1.8	5.2	1.38	0.34	4.08 --	1505.	52.	9.
332	0000	-418	37.3674	81.8006	PPNR	1.2	1.6	4.6	1.32 -	0.35	3.78 --	1455.	53.	8.
333	0000	-417	37.3674	81.7999	PPNR	1.2	2.0	4.6	1.64	0.42 +	3.89 --	1438.	54.	7.
334	0000	-417	37.3674	81.7993	PPNR	1.3 +	1.7	4.6	1.31 -	0.36	3.60 ---	1456.	52.	7.
335	0000	-417	37.3674	81.7986	PPNR	1.2	2.1	4.5 -	1.75	0.47 +	3.73 --	1494.	50.	5.
336	0000	-417	37.3674	81.7981	PPNR	1.3 +	2.3 +	4.9	1.75	0.46 +	3.76 --	1530.	49.	4.
337	0000	-416	37.3674	81.7974	PPNR	1.3 +	2.5 +	5.4	1.88	0.45 +	4.14 --	1570.	49.	3.
338	0000	-416	37.3674	81.7968	PPNR	1.3 +	2.5 +	5.9	1.93	0.43 +	4.51 -	1589.	49.	3.
339	0000	-417	37.3674	81.7963	PPNR	1.3 +	2.5 +	6.0	1.86	0.42 +	4.48 -	1611.	47.	2.
340	0000	-416	37.3674	81.7956	PPNR	1.4 +	2.4 +	6.2	1.75	0.39 +	4.52 -	1610.	46.	3.
341	0000	-415	37.3674	81.7951	PPNR	1.3 +	2.4 +	6.3	1.87	0.38 +	4.97 -	1599.	45.	3.
342	0000	-415	37.3674	81.7945	PPNR	1.3 +	1.9	6.8	1.44	0.28	5.07 -	1602.	47.	3.
343	0000	-415	37.3674	81.7938	PPNR	1.3 +	1.8	7.2	1.33	0.25	5.33 -	1626.	46.	4.
344	0000	-415	37.3674	81.7933	PPNR	1.4 +	1.8	7.5 +	1.26 -	0.23	5.39 -	1686.	48.	5.
345	0000	-415	37.3674	81.7927	PPNR	1.5 +	1.6	7.6 +	1.07 -	0.21 -	5.09 -	1769.	47.	6.
346	0000	-415	37.3675	81.7920	PPNR	1.5 +	1.8	8.0 +	1.15 -	0.22	5.21 -	1846.	49.	7.
347	0000	-415	37.3675	81.7915	PPNR	1.6 ++	1.7	8.3 +	1.09 -	0.21 -	5.21 -	1898.	51.	8.
348	0000	-416	37.3675	81.7909	PPNR	1.6 ++	1.8	8.8 ++	1.12 -	0.21 -	5.44	1956.	52.	8.
349	0000	-416	37.3675	81.7902	PPNR	1.7 ++	1.9	8.8 ++	1.16 -	0.22	5.30 -	1997.	52.	8.
350	0000	-416	37.3675	81.7897	PPNR	1.7 ++	2.0	9.1 ++	1.18 -	0.22	5.47	2028.	52.	8.
351	0000	-416	37.3675	81.7891	PPNR	1.6 ++	2.0	9.2 ++	1.19 -	0.21	5.60	2024.	49.	7.
352	0000	-415	37.3675	81.7884	PPNR	1.6 ++	2.0	9.0 ++	1.20 -	0.22	5.52	2011.	49.	7.
353	0000	-415	37.3675	81.7879	PPNR	1.7 ++	1.8	9.0 ++	1.08 -	0.20 -	5.47	1988.	49.	6.
354	0000	-416	37.3676	81.7873	PPNR	1.6 ++	1.6	8.7 +	1.03 -	0.19 -	5.48	1938.	50.	6.
355	0000	-414	37.3676	81.7866	PPNR	1.5 +	1.7	7.9 +	1.08 -	0.21 -	5.12 -	1864.	49.	6.
356	0000	-414	37.3676	81.7861	PPNR	1.4 +	1.8	7.4 +	1.28 -	0.24	5.37 -	1768.	51.	7.
357	0000	-416	37.3676	81.7855	PPNR	1.2	1.8	6.8	1.47	0.27	5.53	1661.	52.	7.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-417	37.3676	81.7848	PPNR	1.1	1.7	6.3	1.48	0.27	5.54	1565.	51.	8.
359	0000	-417	37.3676	81.7843	PPNR	1.0	1.5	6.2	1.43	0.24	5.93	1464.	54.	9.
360	0000	-417	37.3677	81.7837	PPNR	1.0	1.5	6.1	1.51	0.24	6.31	1389.	53.	10.
361	0000	-418	37.3677	81.7831	PPNR	1.0	1.4	6.1	1.42	0.23	6.30	1379.	52.	10.
362	0000	-419	37.3677	81.7825	PPNR	1.0	1.3	6.2	1.36	0.21 -	6.51	1378.	52.	11.
363	0000	-419	37.3677	81.7819	PPNR	1.0	1.2 -	6.1	1.21 -	0.19 -	6.40	1359.	52.	11.
364	0000	-420	37.3677	81.7813	PPNR	1.0	1.2 -	5.9	1.21 -	0.20 -	6.11	1334.	52.	10.
365	0000	-421	37.3677	81.7807	PPNR	0.9	1.3	5.3	1.37	0.24	5.74	1297.	55.	10.
366	0000	-420	37.3677	81.7801	PPNR	0.9	1.4	5.3	1.64	0.27	5.99	1270.	53.	8.
367	0000	-418	37.3678	81.7795	PPNR	0.8	1.4	4.8	1.69	0.30	5.67	1234.	54.	8.
368	0000	-417	37.3678	81.7789	PPNR	0.8	1.5	4.7	1.89	0.32	5.86	1190.	54.	6.
369	0000	-418	37.3678	81.7783	PPNR	0.8	1.5	4.8	1.88	0.32	5.88	1172.	54.	5.
370	0000	-418	37.3678	81.7777	PPNR	0.9	1.7	5.1	1.87	0.33	5.73	1245.	54.	3.
371	0000	-418	37.3678	81.7771	PPNR	1.0	1.7	5.7	1.72	0.31	5.61	1339.	56.	3.
372	0000	-418	37.3678	81.7765	PPNR	1.1	1.9	6.5	1.68	0.29	5.78	1457.	54.	1.
373	0000	-417	37.3678	81.7759	PPNR	1.2	2.1	6.6	1.68	0.31	5.37 -	1567.	55.	1.
374	0000	-417	37.3679	81.7752	PPNR	1.4 +	2.2	7.2	1.63	0.31	5.27 -	1668.	54.	0.
375	0000	-418	37.3679	81.7747	PPNR	1.4 +	2.6 +	7.4 +	1.78	0.35	5.15 -	1765.	53.	0.
376	0000	-419	37.3679	81.7741	PPNR	1.5 +	2.8 ++	7.4 +	1.92	0.38 +	5.02 -	1835.	53.	0.
377	0000	-420	37.3679	81.7734	PPNR	1.5 +	2.9 ++	7.5 +	1.98	0.38 +	5.15 -	1856.	53.	1.
378	0000	-420	37.3679	81.7729	PPNR	1.4 +	2.7 +	7.1	1.91	0.38 +	5.05 -	1832.	51.	2.
379	0000	-420	37.3679	81.7723	PPNR	1.4 +	2.5 +	6.9	1.80	0.36	4.92 -	1800.	51.	4.
380	0000	-420	37.3679	81.7717	PPNR	1.3 +	2.3 +	6.8	1.73	0.34	5.09 -	1767.	49.	5.
381	0000	-420	37.3679	81.7711	PPNR	1.3 +	2.3 +	6.8	1.83	0.34	5.43	1749.	48.	7.
382	0000	-420	37.3679	81.7705	PPNR	1.2 +	1.9	6.6	1.55	0.29	5.35 -	1697.	48.	7.
383	0000	-419	37.3680	81.7699	PPNR	1.2	1.7	6.6	1.41	0.26	5.37 -	1657.	47.	8.
384	0000	-418	37.3680	81.7693	PPNR	1.3 +	1.6	6.6	1.25 -	0.24	5.26 -	1624.	46.	8.
385	0000	-419	37.3680	81.7687	PPNR	1.2	1.9	6.6	1.55	0.29	5.39 -	1608.	48.	7.
386	0000	-421	37.3680	81.7681	PPNR	1.2	1.9	6.6	1.57	0.29	5.37 -	1611.	48.	6.
387	0000	-421	37.3680	81.7675	PPNR	1.3 +	2.1	6.5	1.72	0.33	5.24 -	1634.	49.	4.
388	0000	-422	37.3680	81.7669	PPNR	1.3 +	2.2	7.0	1.70	0.31	5.42	1669.	49.	3.
389	0000	-424	37.3681	81.7663	PPNR	1.3 +	2.4 +	7.2	1.86	0.34	5.49	1712.	48.	3.
390	0000	-425	37.3681	81.7657	PPNR	1.3 +	2.4 +	7.3	1.83	0.33	5.53	1720.	48.	2.
391	0000	-422	37.3681	81.7652	PPNR	1.3 +	2.4 +	7.1	1.90	0.34	5.60	1696.	48.	2.
392	0000	-423	37.3681	81.7645	PPNR	1.2 +	2.2	7.2	1.79	0.31	5.81	1691.	50.	2.
393	0000	-426	37.3681	81.7639	PPNR	1.2	2.3 +	7.1	1.86	0.32	5.78	1666.	50.	3.
394	0000	-425	37.3681	81.7634	PPNR	1.2	1.9	7.2	1.61	0.27	6.01	1631.	50.	5.
395	0000	-424	37.3682	81.7627	PPNR	1.2	1.8	6.5	1.53	0.27	5.61	1576.	51.	8.
396	0000	-426	37.3682	81.7621	PPNR	1.2	1.6	6.5	1.34	0.24	5.54	1555.	54.	10.
397	0000	-427	37.3682	81.7616	PPNR	1.1	1.5	6.6	1.36	0.23	5.91	1577.	57.	12.
398	0000	-427	37.3682	81.7609	PPNR	1.1	1.5	6.6	1.31 -	0.23	5.77	1617.	55.	14.
399	0000	-428	37.3682	81.7603	PPNR	1.2	1.2	6.6	0.98 -	0.18 -	5.45	1626.	54.	17.
400	0000	-428	37.3682	81.7597	PPNR	1.2	1.3	6.8	1.13 -	0.20 -	5.73	1632.	54.	17.
401	0000	-428	37.3682	81.7591	PPNR	1.2	1.5	6.8	1.28 -	0.22	5.79	1629.	55.	16.
402	0000	-429	37.3682	81.7585	PPNR	1.2	1.5	7.1	1.24 -	0.21 -	6.02	1631.	56.	15.
403	0000	-430	37.3682	81.7579	PPNR	1.2	1.5	7.1	1.28 -	0.21 -	6.17	1608.	56.	13.
404	0000	-429	37.3682	81.7573	PPNR	1.2	1.6	6.8	1.32 -	0.23	5.64	1577.	54.	10.
405	0000	-430	37.3682	81.7567	PPNR	1.2	1.5	6.7	1.27 -	0.23	5.53	1547.	58.	8.
406	0000	-432	37.3682	81.7561	PPNR	1.3 +	1.6	7.1	1.31 -	0.23	5.65	1605.	54.	6.
407	0000	-432	37.3683	81.7555	PPNR	1.4 +	1.7	7.8 +	1.27 -	0.22	5.69	1688.	54.	5.
408	0000	-432	37.3683	81.7549	PPNR	1.5 +	1.9	8.2 +	1.26 -	0.23	5.50	1782.	55.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-434	37.3683	81.7543	PPNR	1.5 +	2.1	8.2 +	1.33	0.25	5.33 -	1834.	55.	3.
410	0000	-435	37.3683	81.7537	PPNR	1.6 ++	2.1	8.8 ++	1.28 -	0.23	5.52	1901.	53.	4.
411	0000	-436	37.3683	81.7531	PPNR	1.6 ++	2.0	9.1 ++	1.26 -	0.22	5.69	1927.	54.	5.
412	0000	-436	37.3684	81.7525	PPNR	1.6 ++	2.0	9.6 ++	1.20 -	0.21 -	5.80	1969.	51.	6.
413	0000	-435	37.3684	81.7520	PPNR	1.5 +	2.2	9.4 ++	1.45	0.24	6.15	1930.	54.	6.
414	0000	-438	37.3684	81.7513	PPNR	1.4 +	1.9	8.5 +	1.35	0.22	6.07	1839.	52.	8.
415	0000	-439	37.3684	81.7507	PPNR	1.3 +	1.7	8.2 +	1.36	0.21 -	6.50	1732.	51.	8.
416	0000	-439	37.3684	81.7502	PPNR	1.1	1.6	8.2 +	1.43	0.20 -	7.16	1642.	49.	8.
417	0000	-440	37.3684	81.7495	PPNR	1.0	1.6	7.3	1.51	0.21	7.04	1536.	51.	8.
418	0000	-439	37.3685	81.7489	PPNR	1.0	1.4	6.8	1.44	0.21	6.80	1465.	49.	8.
419	0000	-440	37.3685	81.7484	PPNR	0.9	1.6	6.4	1.70	0.25	6.85	1423.	49.	7.
420	0000	-443	37.3685	81.7477	PPNR	0.9	1.5	6.4	1.60	0.24	6.79	1386.	51.	7.
421	0000	-443	37.3685	81.7471	PPNR	1.0	1.6	6.5	1.62	0.24	6.63	1392.	53.	7.
422	0000	-443	37.3685	81.7466	PPNR	1.0	1.5	6.7	1.43	0.22	6.40	1427.	54.	7.
423	0000	-445	37.3685	81.7459	PPNR	1.1	1.5	6.7	1.35	0.23	5.92	1491.	54.	8.
424	0000	-446	37.3685	81.7453	PPNR	1.2	1.6	7.0	1.35	0.23	5.89	1584.	53.	8.
425	0000	-445	37.3685	81.7448	PPNR	1.2	1.6	7.8 +	1.29 -	0.20 -	6.32	1647.	55.	8.
426	0000	-446	37.3685	81.7441	PPNR	1.2	1.7	8.1 +	1.45	0.21	6.77	1661.	54.	7.
427	0000	-448	37.3685	81.7435	PPNR	1.2 +	1.7	8.0 +	1.39	0.21	6.45	1697.	52.	6.
428	0000	-449	37.3685	81.7430	PPNR	1.3 +	1.8	8.2 +	1.35	0.22	6.23	1733.	53.	5.
429	0000	-448	37.3686	81.7423	PPK	1.4	2.0	8.3 +	1.48	0.24	6.06	1816.	53.	5.
430	0000	-448	37.3686	81.7417	PPK	1.5 +	2.2 +	8.7 +	1.43	0.25	5.73	1893.	54.	4.
431	0000	-449	37.3686	81.7412	PPK	1.6 +	2.5 +	9.1 ++	1.54	0.27	5.65	1955.	55.	3.
432	0000	-450	37.3687	81.7405	PPK	1.7 +	2.7 +	9.3 ++	1.63	0.29	5.57	2026.	55.	2.
433	0000	-451	37.3687	81.7400	PPK	1.8 +	2.6 +	9.2 ++	1.45	0.28	5.13	2086.	57.	3.
434	0000	-453	37.3687	81.7393	PPK	1.7 +	2.5 +	9.1 ++	1.47	0.28	5.28	2058.	58.	3.
435	0000	-453	37.3687	81.7387	PPK	1.6 +	2.4 +	9.0 ++	1.48	0.27	5.49	1991.	57.	3.
436	0000	-453	37.3687	81.7382	PPK	1.5 +	2.4 +	8.4 +	1.55	0.29	5.42	1867.	56.	2.
437	0000	-455	37.3687	81.7375	PPK	1.4	2.3 +	7.8 +	1.72	0.30	5.75	1736.	53.	2.
438	0000	-456	37.3687	81.7369	PPNR	1.2	2.1	7.3	1.73	0.29	5.92	1619.	51.	3.
439	0000	-455	37.3687	81.7364	PPNR	1.1	2.1	6.5	1.83	0.31	5.80	1499.	52.	2.
440	0000	-456	37.3687	81.7357	PPNR	1.0	2.2	6.2	2.17	0.36	6.05	1418.	51.	2.
441	0000	-456	37.3687	81.7351	PPNR	1.1	2.2	6.4	1.97	0.35	5.66	1430.	50.	1.
442	0000	-457	37.3688	81.7345	PPNR	1.2	2.3 +	6.6	1.93	0.34	5.62	1482.	49.	1.
443	0000	-458	37.3688	81.7339	PPNR	1.2	2.4 +	7.1	1.95	0.34	5.71	1545.	51.	1.
444	0000	-458	37.3688	81.7333	PPNR	1.3 +	2.7 +	6.9	2.10	0.39 +	5.43	1633.	52.	0.
445	0000	-459	37.3688	81.7327	PPNR	1.3 +	2.8 +	6.8	2.08	0.41 +	5.13 -	1708.	51.	0.
446	0000	-461	37.3688	81.7321	PPNR	1.3 +	2.7 +	6.4	1.98	0.41 +	4.79 -	1724.	52.	1.
447	0000	-462	37.3688	81.7316	PPNR	1.3 +	2.3 +	6.5	1.78	0.36	4.92 -	1722.	52.	2.
448	0000	-462	37.3689	81.7309	PPNR	1.2	2.5 +	6.4	2.02	0.39 +	5.22 -	1691.	52.	3.
449	0000	-462	37.3689	81.7303	PPNR	1.1	2.4 +	6.2	2.11	0.39 +	5.44	1634.	51.	4.
450	0000	-463	37.3689	81.7298	PPNR	1.0	1.9	5.9	1.87	0.32	5.77	1543.	48.	6.
451	0000	-464	37.3689	81.7292	PPNR	1.0	1.4	6.1	1.45	0.23	6.19	1442.	47.	7.
452	0000	-463	37.3689	81.7287	PPNR	0.9	1.1 -	6.1	1.21 -	0.18 -	6.67	1339.	52.	9.
453	0000	-464	37.3689	81.7280	PPNR	0.9	1.0 -	6.4	1.15 -	0.16 --	7.28	1337.	52.	9.
454	0000	-466	37.3689	81.7275	PPNR	0.9	1.1 -	6.3	1.23 -	0.17 -	7.20	1348.	53.	11.
455	0000	-466	37.3689	81.7269	PPNR	0.9	0.9 -	6.4	0.92 --	0.14 --	6.70	1398.	54.	11.
456	0000	-467	37.3689	81.7263	PPNR	1.1	1.1 -	6.0	1.04 -	0.19 -	5.58	1484.	54.	12.
457	0000	-468	37.3690	81.7257	PPNR	1.2	1.4	6.0	1.16 -	0.23	5.05 -	1585.	54.	12.
458	0000	-468	37.3690	81.7251	PPNR	1.3 +	1.5	6.0	1.16 -	0.25	4.66 -	1640.	55.	12.
459	0000	-470	37.3690	81.7245	PPNR	1.3 +	1.5	6.1	1.16 -	0.25	4.68 -	1673.	51.	12.

CP9 LP 12

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-470	37.3690	81.7239	PPNR	1.3 +	1.7	6.6	1.32 -	0.26	5.09 -	1671.	47.	10.
461	0000	-469	37.3690	81.7234	PPNR	1.3 +	1.7	6.9	1.27 -	0.25	5.14 -	1671.	45.	9.
462	0000	-470	37.3690	81.7228	PPNR	1.3 +	1.7	6.8	1.25 -	0.24	5.11 -	1660.	45.	9.
463	0000	-471	37.3690	81.7222	PPNR	1.3 +	1.5	7.3	1.10 -	0.20 -	5.51	1657.	44.	8.
464	0000	-472	37.3690	81.7216	PPNR	1.4 +	1.5	7.4 +	1.08 -	0.20 -	5.30 -	1694.	45.	6.
465	0000	-475	37.3690	81.7211	PPNR	1.4 +	1.7	7.5 +	1.24 -	0.23	5.37 -	1752.	46.	6.
466	0000	-474	37.3690	81.7205	PPNR	1.5 +	1.8	7.7 +	1.23 -	0.23	5.25 -	1844.	46.	4.
467	0000	-474	37.3690	81.7199	PPNR	1.6 ++	1.8	7.6 +	1.16 -	0.24	4.79 -	1920.	48.	4.
468	0000	-476	37.3690	81.7193	PPNR	1.7 ++	2.0	7.5 +	1.16 -	0.26	4.45 --	1970.	52.	3.
469	0000	-477	37.3690	81.7187	PPNR	1.8 ++	2.3 +	7.7 +	1.30 -	0.30	4.37 --	2029.	53.	2.
470	0000	-477	37.3690	81.7181	PPNR	1.8 ++	2.4 +	7.9 +	1.32 -	0.30	4.43 --	2047.	55.	1.
471	0000	-479	37.3690	81.7175	PPNR	1.8 ++	2.5 +	8.0 +	1.42	0.32	4.47 -	2051.	55.	1.
472	0000	-481	37.3690	81.7169	PPNR	1.8 ++	2.3 +	8.5 +	1.23 -	0.27	4.61 -	2050.	57.	0.
473	0000	-480	37.3691	81.7164	PPNR	1.8 ++	2.4 +	8.5 +	1.28 -	0.28	4.61 -	2016.	56.	1.
474	0000	-480	37.3691	81.7158	PPNR	1.8 ++	2.3 +	8.6 +	1.29 -	0.27	4.80 -	1978.	58.	1.
475	0000	-480	37.3691	81.7152	PPNR	1.7 ++	2.2	8.5 +	1.26 -	0.26	4.88 -	1962.	54.	3.
476	0000	-480	37.3691	81.7147	PPNR	1.7 ++	1.9	8.8 ++	1.10 -	0.22	5.09 -	1963.	52.	4.
477	0000	-481	37.3692	81.7141	PPNR	1.7 ++	2.0	8.8 ++	1.17 -	0.22	5.24 -	1979.	51.	5.
478	0000	-483	37.3692	81.7134	PPNR	1.6 ++	1.7	9.0 ++	1.08 -	0.19 -	5.73	1952.	52.	7.
479	0000	-482	37.3692	81.7129	PPNR	1.5 +	1.6	8.4 +	1.12 -	0.20 -	5.73	1900.	50.	9.
480	0000	-481	37.3692	81.7123	PPNR	1.4 +	1.5	8.5 +	1.08 -	0.18 -	6.03	1861.	51.	9.
481	0000	-482	37.3692	81.7117	PPNR	1.4 +	1.5	8.3 +	1.12 -	0.19 -	6.03	1833.	48.	10.
482	0000	-483	37.3692	81.7112	PPNR	1.3 +	1.6	8.7 +	1.17 -	0.18 -	6.51	1821.	50.	10.
483	0000	-484	37.3692	81.7106	PPNR	1.3 +	1.6	8.4 +	1.23 -	0.19 -	6.39	1810.	51.	10.
484	0000	-484	37.3692	81.7100	PPNR	1.3 +	2.0	8.3 +	1.49	0.24	6.30	1813.	51.	9.
485	0000	-485	37.3692	81.7094	PPNR	1.4 +	2.0	8.3 +	1.46	0.24	6.00	1846.	50.	8.
486	0000	-488	37.3692	81.7089	PPNR	1.4 +	2.2	8.3 +	1.55	0.26	6.02	1868.	49.	7.
487	0000	-489	37.3692	81.7083	PPNR	1.3 +	2.2	7.8 +	1.67	0.28	5.92	1843.	48.	7.
488	0000	-489	37.3692	81.7076	PPNR	1.3 +	2.2	7.6 +	1.69	0.29	5.82	1828.	51.	7.
489	0000	-491	37.3692	81.7070	PPNR	1.3 +	2.3 +	7.0	1.84	0.33	5.57	1783.	50.	6.
490	0000	-492	37.3692	81.7065	PPNR	1.2	2.3 +	6.6	1.92	0.35	5.53	1724.	49.	5.
491	0000	-494	37.3692	81.7059	PPNR	1.1	1.9	6.1	1.68	0.32	5.31 -	1625.	49.	6.
492	0000	-495	37.3693	81.7053	PPNR	1.0	2.0	5.5	1.92	0.37	5.26 -	1512.	51.	6.
493	0000	-493	37.3693	81.7047	PPNR	1.0	2.0	4.9	2.06	0.40 +	5.11 -	1415.	53.	6.
494	0000	-495	37.3693	81.7042	PPNR	0.9	1.7	4.9	1.84	0.34	5.38 -	1358.	55.	7.
495	0000	-497	37.3693	81.7036	PPNR	0.9	1.5	4.8	1.67	0.31	5.34 -	1306.	54.	8.
496	0000	-498	37.3693	81.7030	PPNR	0.9	1.3	4.7	1.45	0.28	5.17 -	1278.	54.	9.
497	0000	-499	37.3693	81.7024	PPNR	0.9	1.3	4.4 -	1.47	0.29	5.05 -	1231.	56.	9.
498	0000	-499	37.3693	81.7018	PPNR	0.8	1.1 -	4.3 -	1.36	0.26	5.15 -	1189.	57.	9.
499	0000	-500	37.3693	81.7012	PPNR	0.8	1.2	4.1 -	1.48	0.29	5.09 -	1156.	56.	8.
500	0000	-501	37.3693	81.7006	PPNR	0.8	1.2	4.5 -	1.53	0.28	5.54	1154.	54.	7.
501	0000	-502	37.3693	81.7001	PPNR	0.9	1.5	4.4 -	1.76	0.34	5.17 -	1178.	52.	6.
502	0000	-503	37.3694	81.6995	PPNR	0.8	1.5	4.7	1.79	0.32	5.57	1195.	53.	5.
503	0000	-504	37.3694	81.6989	PPNR	0.8	1.5	4.9	1.79	0.30	5.87	1213.	54.	4.
504	0000	-504	37.3694	81.6983	PPNR	0.9	1.6	5.5	1.78	0.30	5.96	1271.	54.	3.
505	0000	-505	37.3694	81.6978	PPNR	1.0	1.8	5.7	1.81	0.32	5.71	1367.	51.	3.
506	0000	-505	37.3694	81.6972	PPNR	1.1	1.6	6.3	1.45	0.25	5.78	1463.	51.	4.
507	0000	-506	37.3694	81.6966	PPNR	1.2	2.0	6.5	1.69	0.30	5.63	1576.	52.	5.
508	0000	-508	37.3694	81.6960	PPNR	1.3 +	2.1	6.8	1.62	0.30	5.35 -	1684.	53.	6.
509	0000	-510	37.3694	81.6954	PPNR	1.4 +	2.1	7.3	1.55	0.29	5.41	1791.	51.	7.
510	0000	-511	37.3694	81.6948	PPNR	1.4 +	2.3 +	7.7 +	1.67	0.30	5.49	1871.	50.	7.

CP 9 1P 12

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-512	37.3694	81.6942	PPNR	1.4 +	2.5 +	7.9 +	1.73	0.32	5.46	1911.	51.	8.
512	0000	-512	37.3694	81.6937	PPNR	1.4 +	2.5 +	8.1 +	1.72	0.31	5.63	1925.	53.	8.
513	0000	-514	37.3695	81.6931	PPNR	1.4 +	2.4 +	8.4 +	1.66	0.29	5.80	1900.	54.	7.
514	0000	-516	37.3695	81.6925	PPNR	1.4 +	2.2	8.2 +	1.60	0.27	5.87	1839.	51.	6.
515	0000	-517	37.3695	81.6919	PPNR	1.3 +	2.1	7.9 +	1.62	0.27	6.00	1753.	52.	5.
516	0000	-519	37.3695	81.6913	PPNR	1.3 +	2.2	7.1	1.66	0.31	5.35 -	1672.	52.	4.
517	0000	-519	37.3695	81.6908	PPNR	1.3 +	2.1	6.9	1.68	0.31	5.41 -	1602.	54.	3.
518	0000	-520	37.3695	81.6901	PPNR	1.2	2.3 +	6.4	1.97	0.35	5.57	1524.	53.	2.
519	0000	-523	37.3695	81.6896	PPNR	1.0	2.3 +	6.0	2.23	0.39 +	5.76	1442.	52.	1.
520	0000	-524	37.3695	81.6890	PPNR	1.0	2.5 +	5.3	2.63 +	0.48 +	5.54	1391.	52.	1.
521	0000	-524	37.3695	81.6884	PPNR	0.9	2.3 +	5.2	2.48	0.45 +	5.53	1350.	54.	1.
522	0000	-525	37.3695	81.6878	PPNR	0.9	2.4 +	5.1	2.59 +	0.47 +	5.54	1330.	56.	1.
523	0000	-528	37.3696	81.6872	PPNR	0.9	2.3 +	5.2	2.63 +	0.45 +	5.84	1333.	55.	2.
524	0000	-529	37.3696	81.6867	PPNR	0.9	2.2	5.2	2.43	0.42 +	5.81	1364.	52.	4.
525	0000	-530	37.3696	81.6861	PPNR	1.0	1.8	5.7	1.89	0.32	5.86	1424.	51.	5.
526	0000	-530	37.3696	81.6855	PPNR	1.1	1.8	6.3	1.58	0.28	5.69	1519.	53.	6.
527	0000	-531	37.3696	81.6849	PPNR	1.3 +	1.7	7.1	1.34	0.24	5.65	1639.	53.	8.
528	0000	-533	37.3696	81.6843	PPNR	1.3 +	1.5	7.6 +	1.16 -	0.20 -	5.83	1707.	54.	10.
529	0000	-533	37.3696	81.6837	PPNR	1.3 +	1.3	7.9 +	0.98 -	0.16 -	5.95	1743.	50.	12.
530	0000	-534	37.3696	81.6831	PPNR	1.3 +	1.4	7.9 +	1.04 -	0.17 -	6.08	1745.	50.	13.
531	0000	-537	37.3696	81.6826	PPNR	1.3 +	1.3	7.9 +	0.99 -	0.16 -	6.18	1719.	50.	13.
532	0000	-539	37.3697	81.6820	PPNR	1.2	1.3	7.7 +	1.10 -	0.18 -	6.26	1687.	48.	13.
533	0000	-541	37.3697	81.6814	PPNR	1.1	1.3	7.4 +	1.14 -	0.18 -	6.50	1644.	48.	12.
534	0000	-540	37.3697	81.6808	PPNR	1.1	1.4	7.1	1.21 -	0.19 -	6.35	1603.	47.	12.
535	0000	-541	37.3697	81.6803	PPNR	1.1	1.6	6.9	1.38	0.22	6.16	1636.	45.	11.
536	0000	-544	37.3697	81.6797	PPNR	1.1	1.9	7.1	1.66	0.26	6.34	1661.	47.	9.
537	0000	-546	37.3697	81.6791	PPNR	1.1	2.0	7.2	1.81	0.27	6.60	1654.	48.	7.
538	0000	-548	37.3697	81.6785	PPNR	1.1	2.1	7.3	1.89	0.29	6.55	1683.	50.	5.
539	0000	-549	37.3697	81.6779	PPNR	1.1	2.3 +	7.6 +	2.06	0.31	6.71	1712.	55.	4.
540	0000	-549	37.3697	81.6773	PPNR	1.2	2.4 +	8.2 +	1.96	0.29	6.79	1765.	55.	3.
541	0000	-552	37.3697	81.6767	PPNR	1.2	2.5 +	7.9 +	2.04	0.31	6.50	1762.	56.	2.
542	0000	-554	37.3698	81.6762	PPNR	1.2	2.5 +	7.6 +	1.99	0.32	6.15	1735.	56.	1.
543	0000	-555	37.3698	81.6756	PPNR	1.3 +	2.2	7.5 +	1.72	0.30	5.76	1726.	55.	2.
544	0000	-557	37.3698	81.6750	PPNR	1.4 +	2.2	7.8 +	1.60	0.28	5.70	1755.	55.	2.
545	0000	-558	37.3698	81.6744	PPNR	1.4 +	2.3 +	7.5 +	1.71	0.31	5.52	1756.	53.	3.
546	0000	-559	37.3698	81.6738	PPNR	1.4 +	2.0	7.1	1.43	0.28	5.09 -	1731.	50.	4.
547	0000	-560	37.3698	81.6733	PPNR	1.3 +	2.0	6.3	1.54	0.33	4.71 -	1646.	49.	4.
548	0000	-561	37.3698	81.6726	PPNR	1.2	1.9	6.1	1.56	0.31	5.03 -	1566.	49.	5.
549	0000	-564	37.3698	81.6720	PPNR	1.2	1.8	6.1	1.59	0.30	5.27 -	1500.	49.	5.
550	0000	-566	37.3698	81.6715	PPNR	1.1	1.9	6.0	1.82	0.32	5.70	1458.	50.	4.
551	0000	-567	37.3699	81.6709	PPNR	1.0	1.7	5.7	1.64	0.30	5.48	1426.	51.	4.
552	0000	-570	37.3699	81.6703	PPNR	1.1	1.5	5.9	1.46	0.26	5.54	1423.	51.	4.
553	0000	-572	37.3699	81.6697	PPNR	1.0	1.6	5.9	1.51	0.26	5.74	1421.	53.	3.
554	0000	-573	37.3699	81.6692	PPNR	1.0	1.5	6.2	1.46	0.24	6.13	1416.	54.	3.
555	0000	-575	37.3699	81.6686	PPNR	1.0	1.5	6.6	1.45	0.23	6.35	1444.	54.	3.
556	0000	-576	37.3699	81.6680	PPNR	1.0	1.6	6.6	1.53	0.24	6.39	1481.	55.	4.
557	0000	-578	37.3699	81.6674	PPNR	1.1	1.4	6.7	1.25 -	0.21 -	6.09	1530.	54.	5.
558	0000	-580	37.3699	81.6668	PPNR	1.1	1.5	6.8	1.34	0.22	6.09	1584.	52.	7.
559	0000	-581	37.3699	81.6662	PPNR	1.2	1.4	6.9	1.24 -	0.21 -	5.93	1614.	54.	8.
560	0000	-584	37.3699	81.6656	PPNR	1.2	1.7	7.2	1.49	0.24	6.24	1644.	53.	8.
561	0000	-586	37.3699	81.6651	PPNR	1.3 +	1.8	7.4 +	1.46	0.25	5.85	1718.	53.	8.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-586	37.3699	81.6645	PPNR	1.3 +	2.0	7.7 +	1.53	0.26	5.87	1804.	52.	8.
563	0000	-587	37.3699	81.6639	PPNR	1.4 +	2.2	8.1 +	1.59	0.27	5.92	1880.	53.	6.
564	0000	-589	37.3699	81.6634	PPNR	1.4 +	2.6 +	8.6 +	1.86	0.30	6.27	1920.	52.	5.
565	0000	-590	37.3699	81.6628	PPNR	1.4 +	2.6 +	9.2 ++	1.83	0.28	6.50	1946.	52.	3.
566	0000	-593	37.3700	81.6622	PPNR	1.4 +	2.6 +	10.0 ++	1.93	0.26	7.30	1961.	50.	1.
567	0000	-595	37.3700	81.6616	PPNR	1.4 +	2.5 +	9.9 ++	1.79	0.25	7.13	1975.	51.	1.
568	0000	-595	37.3700	81.6610	PPNR	1.3 +	2.4 +	9.8 ++	1.82	0.25	7.38	1968.	48.	1.
569	0000	-598	37.3700	81.6604	PPNR	1.3 +	2.3 +	9.6 ++	1.78	0.24	7.30	1921.	48.	1.
570	0000	-600	37.3700	81.6599	PPNR	1.3 +	2.0	9.4 ++	1.56	0.22	7.23	1860.	45.	1.
571	0000	-601	37.3700	81.6592	PPNR	1.3 +	1.9	8.9 ++	1.46	0.21 -	6.94	1836.	46.	1.
572	0000	-602	37.3700	81.6587	PPNR	1.3 +	2.0	8.9 ++	1.56	0.23	6.89	1836.	46.	1.
573	0000	-602	37.3700	81.6581	PPNR	1.3 +	2.0	7.9 +	1.58	0.26	6.14	1808.	45.	1.
574	0000	-602	37.3700	81.6575	PPNR	1.3 +	2.0	7.8 +	1.55	0.26	6.06	1779.	45.	1.
575	0000	-605	37.3700	81.6570	PPNR	1.3 +	2.0	7.6 +	1.60	0.27	6.03	1744.	47.	2.
576	0000	-606	37.3700	81.6564	PPNR	1.3 +	2.0	7.5 +	1.54	0.26	5.89	1717.	47.	1.
577	0000	-608	37.3700	81.6558	PPNR	1.2	1.9	7.5 +	1.54	0.26	6.04	1692.	48.	2.
578	0000	-612	37.3700	81.6551	PPNR	1.2	2.0	7.3	1.66	0.27	6.15	1659.	47.	2.
579	0000	-613	37.3701	81.6545	PPNR	1.1	1.8	6.7	1.58	0.27	5.90	1606.	47.	2.
580	0000	-614	37.3701	81.6540	PPNR	1.2	1.6	7.0	1.40	0.23	6.04	1608.	51.	2.
581	0000	-617	37.3701	81.6534	PPNR	1.2	1.8	7.3	1.47	0.24	6.02	1630.	49.	2.
582	0000	-619	37.3701	81.6528	PPNR	1.2 +	1.7	7.2	1.36	0.24	5.73	1618.	50.	2.
583	0000	-619	37.3701	81.6523	PPNR	1.2	1.8	7.1	1.46	0.25	5.87	1613.	51.	3.
584	0000	-622	37.3701	81.6517	PPNR	1.2	1.8	6.8	1.48	0.26	5.60	1615.	51.	3.
585	0000	-625	37.3701	81.6511	PPNR	1.3 +	1.8	7.2	1.40	0.24	5.73	1611.	55.	3.
586	0000	-623	37.3701	81.6506	PPNR	1.3 +	1.6	7.9 +	1.25 -	0.20 -	6.16	1622.	56.	3.
587	0000	-624	37.3701	81.6500	PPNR	1.3 +	1.8	7.6 +	1.45	0.24	5.97	1614.	54.	3.
588	0000	-629	37.3701	81.6493	PPNR	1.2	1.8	7.5 +	1.52	0.25	6.17	1583.	55.	3.
589	0000	-631	37.3702	81.6487	PPNR	1.2	1.9	7.3	1.59	0.25	6.28	1577.	55.	4.
590	0000	-631	37.3702	81.6482	PPNR	1.2	1.7	7.2	1.43	0.24	5.99	1576.	58.	4.
591	0000	-633	37.3702	81.6476	PPNR	1.2	1.7	7.6 +	1.44	0.23	6.31	1581.	58.	4.
592	0000	-633	37.3702	81.6470	PPNR	1.2	1.7	7.1	1.43	0.25	5.81	1580.	58.	4.
593	0000	-632	37.3702	81.6465	PPNR	1.2	2.1	6.6	1.81	0.32	5.72	1573.	55.	3.
594	0000	-633	37.3702	81.6459	PPNR	1.2	2.0	6.9	1.74	0.29	5.98	1538.	55.	2.
595	0000	-632	37.3702	81.6453	PPNR	1.2	1.8	6.7	1.53	0.27	5.73	1523.	55.	2.
596	0000	-630	37.3702	81.6447	PPNR	1.2	1.7	7.0	1.51	0.25	6.09	1528.	56.	1.
597	0000	-629	37.3702	81.6441	PPNR	1.1	1.8	7.4	1.57	0.24	6.52	1524.	54.	1.
598	0000	-631	37.3703	81.6435	PPNR	1.1	1.9	7.1	1.73	0.26	6.53	1512.	53.	2.
599	0000	-635	37.3703	81.6429	PPNR	1.0	1.7	7.2	1.73	0.24	7.18	1491.	52.	2.
600	0000	-640	37.3703	81.6423	PPNR	1.0	1.5	6.9	1.56	0.22	7.02	1438.	54.	4.
601	0000	-644	37.3703	81.6418	PPNR	0.9	1.3	6.7	1.41	0.19 -	7.25	1415.	56.	6.
602	0000	-648	37.3703	81.6412	PPNR	0.9	1.4	6.7	1.65	0.22	7.60	1391.	55.	8.
603	0000	-649	37.3703	81.6406	PPNR	0.9	1.4	6.5	1.62	0.22	7.27	1376.	54.	9.
604	0000	-651	37.3703	81.6400	PPNR	0.9	1.3	6.2	1.44	0.22	6.68	1402.	52.	12.
605	0000	-654	37.3703	81.6395	PPNR	1.0	1.1 -	6.3	1.10 -	0.17 -	6.32	1447.	53.	13.
606	0000	-655	37.3703	81.6389	PPNR	1.0	1.2	6.6	1.13 -	0.18 -	6.30	1482.	55.	14.
607	0000	-657	37.3703	81.6383	PPNR	1.1	1.1 -	6.6	1.00 -	0.17 -	5.76	1532.	53.	14.
608	0000	-659	37.3704	81.6377	PPNR	1.2	1.4	6.7	1.21 -	0.21 -	5.75	1578.	50.	14.
609	0000	-659	37.3704	81.6372	PPNR	1.2 +	1.2	6.7	0.94 -	0.18 -	5.40 -	1643.	51.	14.
610	0000	-662	37.3704	81.6366	PPNR	1.2 +	1.4	7.1	1.13 -	0.20 -	5.71	1691.	50.	14.
611	0000	-664	37.3704	81.6360	PPNR	1.2	1.5	7.6 +	1.23 -	0.20 -	6.24	1701.	51.	13.
612	0000	-664	37.3704	81.6354	PPNR	1.2	1.6	7.5 +	1.37	0.22	6.23	1694.	50.	12.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-667	37.3704	81.6348	PPNR	1.2	1.7	7.2	1.46	0.24	6.13	1686.	50.	12.
614	0000	-669	37.3704	81.6343	PPNR	1.1	1.7	7.4 +	1.49	0.23	6.57	1690.	50.	11.
615	0000	-669	37.3704	81.6338	PPNR	1.1	1.6	7.2	1.44	0.23	6.31	1685.	51.	10.
616	0000	-670	37.3704	81.6332	PPNR	1.1	1.8	7.3	1.71	0.25	6.78	1639.	50.	8.
617	0000	-671	37.3704	81.6326	PPNR	1.1	1.6	7.2	1.55	0.23	6.73	1590.	51.	6.
618	0000	-673	37.3705	81.6320	PPNR	1.0	1.7	6.9	1.66	0.24	6.92	1525.	50.	5.
619	0000	-675	37.3705	81.6315	PPNR	0.9	1.6	6.9	1.68	0.23	7.30	1462.	49.	3.
620	0000	-674	37.3705	81.6309	PPNR	1.0	1.4	6.8	1.48	0.21 -	7.03	1405.	50.	2.
621	0000	-675	37.3705	81.6304	PPNR	0.9	1.5	6.9	1.64	0.22	7.45	1348.	49.	1.
622	0000	-678	37.3705	81.6298	PPNR	0.9	1.3	6.8	1.46	0.19 -	7.47	1302.	52.	1.
623	0000	-678	37.3705	81.6292	PPNR	0.9	1.1 -	6.6	1.25 -	0.17 -	7.28	1285.	54.	1.
624	0000	-679	37.3705	81.6287	PPNR	0.9	1.2	6.6	1.33	0.18 -	7.30	1276.	53.	2.
625	0000	-681	37.3705	81.6281	PPNR	0.9	1.2 -	6.6	1.27 -	0.17 -	7.26	1282.	53.	3.
626	0000	-680	37.3706	81.6275	PPNR	0.9	1.3	6.5	1.41	0.19 -	7.30	1283.	54.	4.
627	0000	-680	37.3706	81.6270	PPNR	0.8	1.2	6.7	1.46	0.18 -	8.00 +	1289.	51.	5.
628	0000	-682	37.3706	81.6264	PPNR	0.9	1.2	6.7	1.36	0.18 -	7.53	1321.	52.	5.
629	0000	-683	37.3706	81.6259	PPNR	0.9	1.5	6.8	1.73	0.22	7.76	1376.	48.	5.
630	0000	-685	37.3706	81.6253	PPNR	0.9	1.7	7.1	1.90	0.24	7.80	1412.	45.	5.
631	0000	-686	37.3706	81.6247	PPNR	0.9	1.7	6.9	1.82	0.24	7.44	1412.	46.	5.
632	0000	-688	37.3707	81.6242	PPNR	1.0	1.6	6.6	1.68	0.25	6.77	1425.	48.	4.
633	0000	-690	37.3707	81.6236	PPNR	1.0	1.7	6.7	1.72	0.26	6.62	1451.	50.	4.
634	0000	-690	37.3707	81.6230	PPNR	1.1	1.9	6.8	1.75	0.28	6.17	1513.	50.	3.
635	0000	-691	37.3707	81.6225	PPNR	1.1	2.2	7.0	2.05	0.32	6.37	1562.	51.	2.
636	0000	-693	37.3707	81.6219	PPNR	1.2	2.1	7.2	1.78	0.30	5.97	1615.	50.	3.
637	0000	-694	37.3707	81.6213	PPNR	1.2	2.1	7.4	1.75	0.29	6.07	1626.	52.	2.
638	0000	-696	37.3707	81.6208	PPNR	1.2	2.2	7.8 +	1.84	0.28	6.47	1642.	53.	1.
639	0000	-697	37.3707	81.6202	PPNR	1.2	2.4 +	7.9 +	2.03	0.31	6.63	1654.	52.	1.
640	0000	-696	37.3707	81.6196	PPNR	1.2	2.4 +	7.8 +	1.96	0.31	6.40	1678.	51.	1.
641	0000	-698	37.3707	81.6191	PPNR	1.2 +	2.3 +	7.8 +	1.88	0.30	6.27	1695.	52.	1.
642	0000	-701	37.3707	81.6185	PPNR	1.3 +	2.2	8.2 +	1.66	0.26	6.28	1703.	52.	2.
643	0000	-701	37.3707	81.6179	PPNR	1.2 +	2.2	8.2 +	1.74	0.27	6.54	1679.	53.	2.
644	0000	-702	37.3708	81.6175	PPNR	1.3 +	2.2	7.9 +	1.75	0.28	6.29	1666.	53.	3.
645	0000	-703	37.3708	81.6169	PPNR	1.3 +	2.1	7.8 +	1.62	0.27	6.06	1675.	52.	3.
646	0000	-705	37.3708	81.6163	PPNR	1.3 +	2.0	8.0 +	1.51	0.25	6.09	1685.	51.	4.
647	0000	-708	37.3708	81.6157	PPNR	1.3 +	1.7	8.0 +	1.31 -	0.22	6.02	1697.	52.	6.
648	0000	-710	37.3708	81.6152	PPNR	1.3 +	1.5	7.9 +	1.16 -	0.20 -	5.91	1701.	53.	7.
649	0000	-710	37.3708	81.6145	PPNR	1.3 +	1.6	7.3	1.21 -	0.22	5.39 -	1704.	55.	8.
650	0000	-709	37.3709	81.6140	PPNR	1.2 +	1.6	7.0	1.31 -	0.23	5.57	1663.	56.	8.
651	0000	-710	37.3709	81.6135	PPNR	1.2	1.5	6.9	1.27 -	0.22	5.74	1644.	58.	9.
652	0000	-713	37.3709	81.6129	PPNR	1.2	1.6	6.9	1.35	0.23	5.81	1622.	59.	8.
653	0000	-715	37.3709	81.6123	PPNR	1.2	1.6	6.8	1.38	0.23	5.88	1611.	60.	9.
654	0000	-716	37.3709	81.6118	PPNR	1.2	1.7	6.8	1.47	0.25	5.93	1587.	60.	8.
655	0000	-716	37.3709	81.6112	PPNR	1.1	1.8	6.8	1.64	0.26	6.34	1535.	58.	7.
656	0000	-715	37.3710	81.6107	PPNR	1.0	1.5	6.7	1.46	0.22	6.52	1478.	57.	7.
657	0000	-716	37.3710	81.6101	PPNR	1.1	1.4	6.7	1.27 -	0.21	5.93	1458.	57.	5.
658	0000	-719	37.3710	81.6095	PPNR	1.2	1.5	6.6	1.27 -	0.23	5.61	1473.	56.	5.
659	0000	-719	37.3710	81.6089	PPNR	1.2 +	1.6	7.0	1.26 -	0.22	5.60	1536.	54.	5.
660	0000	-718	37.3710	81.6084	PPNR	1.3 +	1.8	7.2	1.36	0.25	5.39 -	1614.	53.	4.
661	0000	-721	37.3710	81.6078	PPNR	1.3 +	2.0	7.5 +	1.52	0.27	5.66	1652.	51.	2.
662	0000	-722	37.3710	81.6073	PPNR	1.4 +	2.4 +	7.6 +	1.7	0.32	5.52	1714.	50.	2.
663	0000	-722	37.3710	81.6067	PPNR	1.4 +	2.6 +	7.9 +	1.79	0.33	5.50	1782.	49.	1.

FLIGHT LINE 160, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-723	37.3710	81.6061	PPNR	1.5 +	2.6 +	8.4 +	1.80	0.32	5.67	1855.	49.	1.
665	0000	-725	37.3710	81.6055	PPNR	1.5 +	2.8 +	8.9 +	1.90	0.31	6.12	1895.	50.	1.
666	0000	-727	37.3710	81.6050	PPNR	1.4 +	2.9 ++	8.8 ++	2.03	0.33	6.14	1894.	49.	1.
667	0000	-727	37.3710	81.6044	PPNR	1.4 +	2.9 ++	8.7 +	2.04	0.33	6.20	1872.	50.	1.
668	0000	-728	37.3711	81.6039	PPNR	1.4 +	2.7 +	8.4 +	1.91	0.32	6.04	1851.	51.	2.
669	0000	-731	37.3711	81.6033	PPNR	1.4 +	2.3 +	8.2 +	1.65	0.28	5.92	1799.	53.	2.
670	0000	-732	37.3711	81.6027	PPNR	1.3 +	2.4 +	7.8 +	1.83	0.30	6.04	1736.	55.	2.
671	0000	-732	37.3711	81.6022	PPNR	1.2	2.1	7.2	1.72	0.29	5.84	1667.	53.	3.
672	0000	-732	37.3711	81.6016	PPNR	1.2	2.0	6.4	1.67	0.31	5.39 -	1625.	50.	4.
673	0000	-732	37.3711	81.6010	PPNR	1.2	1.7	6.4	1.45	0.27	5.43	1585.	52.	5.
674	0000	-735	37.3712	81.6005	PPNR	1.2	1.5	6.2	1.25 -	0.23	5.31 -	1567.	52.	6.
675	0000	-735	37.3712	81.6000	PPNR	1.2	1.6	6.6	1.32 -	0.24	5.59	1600.	52.	6.
676	0000	-734	37.3712	81.5993	PPNR	1.2	1.6	6.9	1.33	0.24	5.66	1607.	53.	6.
677	0000	-737	37.3712	81.5988	PPNR	1.2	1.6	7.0	1.32 -	0.23	5.72	1642.	53.	7.
678	0000	-741	37.3712	81.5982	PPNR	1.2	2.0	7.1	1.63	0.28	5.81	1670.	53.	6.
679	0000	-741	37.3712	81.5976	PPNR	1.2 +	2.2	7.2	1.74	0.30	5.75	1705.	51.	5.
680	0000	-741	37.3713	81.5971	PPNR	1.3 +	2.3 +	6.9	1.75	0.33	5.23 -	1744.	51.	4.
681	0000	-744	37.3713	81.5966	PPNR	1.3 +	2.6 +	7.4 +	1.95	0.35	5.61	1774.	50.	3.
682	0000	-746	37.3713	81.5960	PPNR	1.3 +	2.6 +	7.2	1.95	0.36	5.35 -	1790.	51.	2.
683	0000	-748	37.3713	81.5954	PPNR	1.4 +	2.5 +	7.6 +	1.86	0.34	5.53	1839.	49.	2.
684	0000	-749	37.3713	81.5948	PPNR	1.5 +	2.4 +	7.9 +	1.63	0.31	5.30 -	1878.	49.	2.
685	0000	-749	37.3713	81.5943	PPNR	1.5 +	2.3	8.3 +	1.48	0.27	5.42	1935.	48.	3.
686	0000	-749	37.3713	81.5937	PPNR	1.6 ++	2.2	8.9 ++	1.37	0.25	5.60	1960.	50.	3.
687	0000	-750	37.3713	81.5932	PPNR	1.6 ++	2.1	9.3 ++	1.30 -	0.22	5.91	1979.	49.	4.
688	0000	-751	37.3713	81.5926	PPNR	1.6 ++	2.1	9.3 ++	1.29 -	0.22	5.84	2011.	48.	4.
689	0000	-749	37.3714	81.5920	PPNR	1.5 ++	2.1	9.5 ++	1.39	0.23	6.15	2024.	48.	5.
690	0000	-745	37.3714	81.5914	PPNR	1.6 ++	2.3 +	9.7 ++	1.47	0.23	6.25	2048.	47.	4.
691	0000	-742	37.3714	81.5909	PPNR	1.5 +	2.5 +	9.7 ++	1.70	0.26	6.48	2054.	47.	5.
692	0000	-744	37.3714	81.5903	PPNR	1.5 +	2.5 +	9.6 ++	1.67	0.26	6.35	2058.	47.	5.
693	0000	-752	37.3714	81.5898	PPNR	1.5 +	2.7 +	9.8 ++	1.78	0.27	6.57	2080.	47.	5.
694	0000	-760	37.3714	81.5892	PPNR	1.5 +	2.8 +	9.9 ++	1.83	0.28	6.48	2132.	46.	5.
695	0000	-763	37.3714	81.5887	PPNR	1.6 ++	2.7 +	10.2 +++	1.75	0.27	6.55	2165.	47.	5.
696	0000	-765	37.3714	81.5880	PPNR	1.6 ++	2.8 +	10.0 ++	1.72	0.28	6.15	2167.	47.	5.
697	0000	-767	37.3714	81.5875	PPNR	1.6 ++	2.8 +	9.6 ++	1.77	0.29	6.07	2129.	47.	5.
698	0000	-765	37.3715	81.5870	PPNR	1.6 ++	2.6 +	9.4 ++	1.62	0.27	5.96	2091.	45.	4.
699	0000	-765	37.3715	81.5864	PPNR	1.5 +	2.5 +	9.5 ++	1.65	0.25	6.34	2050.	44.	3.
700	0000	-766	37.3715	81.5858	PPNR	1.4 +	2.3 +	8.7 +	1.58	0.26	6.04	1975.	47.	4.
701	0000	-765	37.3715	81.5853	PPNR	1.4 +	2.3 +	8.4 +	1.67	0.27	6.15	1871.	48.	3.
702	0000	-765	37.3715	81.5847	PPNR	1.3 +	2.2	7.4 +	1.66	0.29	5.67	1746.	47.	3.
703	0000	-768	37.3715	81.5841	PPNR	1.2	1.9	7.3	1.57	0.26	5.94	1670.	47.	3.
704	0000	-769	37.3716	81.5836	PPNR	1.2	1.8	6.8	1.53	0.27	5.63	1613.	51.	3.
705	0000	-768	37.3716	81.5830	PPNR	1.1	2.0	6.6	1.71	0.30	5.73	1548.	55.	4.
706	0000	-769	37.3716	81.5824	PPNR	1.1	1.9	6.1	1.73	0.31	5.63	1483.	56.	5.
707	0000	-771	37.3716	81.5819	PPNR	1.1	1.6	6.0	1.47	0.27	5.48	1457.	54.	6.
708	0000	-770	37.3716	81.5813	PPNR	1.1	1.3	6.3	1.23 -	0.21 -	5.85	1436.	53.	8.
709	0000	-770	37.3716	81.5807	PPNR	1.1	1.2	6.6	1.12 -	0.18 -	6.28	1449.	52.	10.
710	0000	-773	37.3716	81.5802	PPNR	1.1	1.1 -	6.7	1.00 -	0.16 -	6.24	1453.	50.	11.
711	0000	-775	37.3716	81.5796	PPNR	1.0	0.9 -	6.8	0.92 --	0.14 --	6.66	1431.	48.	12.
712	0000	-775	37.3716	81.5791	PPNR	1.0	0.7 -	6.9	0.67 ---	0.10 ---	7.01	1412.	47.	13.
713	0000	-775	37.3716	81.5785	PPNR	1.0	0.7 -	6.8	0.67 ---	0.10 ---	6.79	1397.	46.	14.
714	0000	-775	37.3717	81.5779	PPNR	1.0	0.8 -	7.0	0.82 --	0.12 ---	7.02	1403.	48.	14.

CP9 IP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-776	37.3717	81.5773	PPNR	1.0	0.9 -	6.9	0.94 --	0.14 --	6.90	1419.	51.	13.
716	0000	-778	37.3717	81.5769	PPNR	1.0	1.0 -	6.8	0.97 -	0.15 --	6.52	1413.	50.	11.
717	0000	-779	37.3717	81.5762	PPNR	1.0	1.1 -	6.5	1.12 -	0.17 -	5.44	1388.	52.	10.
718	0000	-780	37.3717	81.5757	PPNR	1.0	1.3	6.8	1.23 -	0.19 -	5.54	1428.	51.	8.
719	0000	-781	37.3717	81.5751	PPNR	1.1	1.4	6.8	1.24 -	0.20 -	5.12	1484.	49.	7.
720	0000	-782	37.3717	81.5746	PPNR	1.1	1.5	7.0	1.36	0.22	5.17	1548.	49.	5.
721	0000	-782	37.3717	81.5740	PPP	1.2	1.5	7.6	1.27 -	0.20 -	6.34	1603.	47.	4.
722	0000	-782	37.3717	81.5735	PPP	1.2	1.5	7.7	1.20 -	0.19 -	6.29	1654.	45.	3.
723	0000	-785	37.3718	81.5729	PPP	1.2	1.8	7.5	1.45	0.24	6.05	1677.	47.	2.
724	0000	-787	37.3718	81.5723	PPP	1.3	1.7	8.0 +	1.36	0.21 -	6.40	1696.	47.	2.
725	0000	-787	37.3718	81.5717	PPP	1.2	1.6	8.0 +	1.30 -	0.20 -	6.43	1680.	48.	2.
726	0000	-788	37.3718	81.5712	PPP	1.2	1.8	7.9	1.45	0.22	6.51	1660.	49.	2.
727	0000	-789	37.3718	81.5706	PPP	1.2	1.9	7.9	1.58	0.24	6.74	1647.	49.	2.
728	0000	-790	37.3718	81.5700	PPNR	1.2	2.0	7.8 +	1.76	0.26	6.72	1630.	50.	2.
729	0000	-792	37.3719	81.5695	PPNR	1.1	2.2	7.6 +	1.96	0.29	6.67	1585.	49.	1.
730	0000	-792	37.3719	81.5689	PPNR	1.1	1.9	8.1 +	1.78	0.23	7.64	1538.	50.	2.
731	0000	-790	37.3719	81.5683	PPNR	1.1	1.9	7.6 +	1.81	0.25	7.13	1519.	49.	2.
732	0000	-790	37.3719	81.5678	PPP	1.1	1.8	7.4	1.70	0.25	6.87	1499.	49.	3.
733	0000	-791	37.3719	81.5672	PPP	1.0	1.6	7.5	1.52	0.21 -	7.15	1475.	50.	4.
734	0000	-792	37.3719	81.5666	PPP	1.0	1.3	7.0	1.29 -	0.19 -	6.97	1422.	53.	4.
735	0000	-790	37.3719	81.5661	PPP	0.9	1.3 -	6.5	1.37	0.20 -	6.94	1374.	55.	5.
736	0000	-790	37.3719	81.5656	PPP	0.9	1.3	5.9	1.44	0.22	6.42	1332.	58.	5.
737	0000	-788	37.3719	81.5649	PPP	0.9	1.4	5.5	1.52	0.25	6.06	1297.	59.	5.
738	0000	-785	37.3719	81.5644	PPP	0.8	1.6	5.2	1.89	0.31	6.13	1271.	59.	5.
739	0000	-783	37.3719	81.5638	PPP	0.9	1.6	5.0	1.91	0.33	5.78	1248.	58.	4.
740	0000	-778	37.3719	81.5632	PPP	0.9	1.8	4.8 -	2.10	0.38 +	5.51	1259.	56.	3.
741	0000	-770	37.3720	81.5627	PPP	0.9	2.2	5.2	2.33	0.42 +	5.55	1294.	55.	2.
742	0000	-761	37.3720	81.5622	PPP	1.0	2.4 +	5.3	2.44	0.45 +	5.37 -	1346.	54.	2.
743	0000	-747	37.3720	81.5616	PPP	1.0	2.2	5.7	2.18	0.39 +	5.55	1413.	53.	4.
744	0000	-730	37.3720	81.5610	PPP	1.1	2.4 +	5.8	2.25	0.42 +	5.40	1495.	49.	4.
745	0000	-720	37.3720	81.5604	PPP	1.1	2.3	5.9	2.13	0.40 +	5.32 -	1536.	50.	5.
746	0000	-722	37.3720	81.5599	PPP	1.1	2.5 +	6.0	2.21	0.42 +	5.29 -	1576.	50.	5.
747	0000	-735	37.3721	81.5594	PPP	1.2	2.6 +	6.1	2.28	0.44 +	5.21 -	1601.	52.	5.
748	0000	-754	37.3721	81.5588	PPP	1.1	2.7 +	6.0	2.33	0.45 +	5.22 -	1608.	51.	6.
749	0000	-773	37.3721	81.5582	PPNR	1.1	2.3 +	5.7	2.05	0.41 +	5.01 -	1573.	50.	6.
750	0000	-790	37.3721	81.5576	PPNR	1.1	2.7 +	5.9	2.44	0.45 +	5.41 -	1561.	48.	5.
751	0000	-805	37.3721	81.5570	PPNR	1.1	2.7 +	5.8	2.39	0.46 +	5.18 -	1561.	50.	4.
752	0000	-814	37.3721	81.5565	PPNR	1.2	2.7 +	6.3	2.27	0.42 +	5.35 -	1602.	49.	4.
753	0000	-819	37.3721	81.5560	PPNR	1.2	2.7 +	6.5	2.30	0.41 +	5.59	1638.	49.	4.
754	0000	-823	37.3722	81.5554	PPNR	1.2	2.4 +	6.7	1.98	0.36	5.55	1653.	48.	5.
755	0000	-825	37.3722	81.5548	PPNR	1.2	2.2	6.9	1.86	0.32	5.85	1656.	47.	5.
756	0000	-824	37.3722	81.5542	PPNR	1.2	2.2	7.3	1.87	0.31	6.12	1658.	48.	4.
757	0000	-824	37.3722	81.5537	PPNR	1.2	1.9	6.9	1.57	0.28	5.70	1616.	49.	4.
758	0000	-824	37.3722	81.5531	PPNR	1.1	1.9	6.7	1.65	0.28	5.94	1562.	49.	3.
759	0000	-821	37.3722	81.5526	PPNR	1.1	1.8	5.3	1.75	0.29	5.95	1498.	50.	2.
760	0000	-819	37.3722	81.5520	PPNR	1.0	1.9	6.2	1.98	0.31	6.33	1443.	52.	2.
761	0000	-819	37.3722	81.5514	PPNR	0.8	2.1	5.8	2.42	0.36	6.82	1388.	53.	2.
762	0000	-819	37.3722	81.5508	PPNR	0.9	2.0	5.7	2.32	0.35	6.68	1360.	55.	2.
763	0000	-819	37.3722	81.5503	PPP	0.8	2.1	5.7	2.61 +	0.37 +	6.96	1350.	54.	3.
764	0000	-819	37.3722	81.5497	PPP	0.8	2.2	5.7	2.83 +	0.39 +	7.28	1366.	54.	4.
765	0000	-820	37.3723	81.5492	PPP	0.9	2.0	6.2	2.37	0.33	7.18	1419.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-822	37.3723	81.5486	PPP	1.0	2.1	6.2	2.15	0.33	6.49	1482.	54.	7.
767	0000	-823	37.3723	81.5480	PPP	1.1	2.0	6.4	1.83	0.32	5.72	1569.	52.	7.
768	0000	-824	37.3723	81.5474	PPP	1.2	2.2	6.8	1.85	0.32	5.70	1678.	50.	8.
769	0000	-824	37.3723	81.5469	PPP	1.3	2.2	6.9	1.77	0.32	5.50	1726.	51.	8.
770	0000	-821	37.3723	81.5463	PPP	1.2	2.1	6.8	1.68	0.30	5.53	1703.	51.	7.
771	0000	-818	37.3724	81.5458	PPP	1.2	2.0	6.5	1.64	0.31	5.28 -	1662.	50.	6.
772	0000	-816	37.3724	81.5452	PPP	1.2	2.2	6.2	1.85	0.35	5.34 -	1593.	50.	4.
773	0000	-816	37.3724	81.5447	PPP	1.1	2.0	6.2	1.91	0.33	5.77	1508.	49.	3.
774	0000	-818	37.3724	81.5441	PPP	0.9	2.1	5.9	2.28	0.36 +	6.33	1418.	50.	2.
775	0000	-818	37.3724	81.5435	PPP	0.9	1.9	5.6	2.26	0.35	6.48	1301.	51.	1.
776	0000	-816	37.3724	81.5429	PPP	0.8	2.0	5.1	2.62 +	0.39 +	6.76	1228.	47.	1.
777	0000	-816	37.3724	81.5424	PPP	0.7	2.0	4.7 -	2.75 +	0.44 +	6.31	1203.	49.	0.
778	0000	-817	37.3724	81.5419	PPP	0.7	2.0	4.8 -	2.76 +	0.42 +	6.55	1195.	50.	0.
779	0000	-816	37.3724	81.5413	PPP	0.7	1.9	4.8 -	2.70 +	0.40 +	6.69	1173.	49.	1.
780	0000	-815	37.3724	81.5407	PPP	0.7	1.9	4.9 -	2.77 +	0.39 +	7.14	1150.	50.	1.
781	0000	-816	37.3724	81.5401	PPP	0.6 -	1.7	4.9 -	2.70 +	0.36	7.56	1116.	49.	1.
782	0000	-817	37.3724	81.5395	PPP	0.6 -	1.9	4.6 -	3.20 +	0.41 +	7.82	1098.	49.	1.
783	0000	-817	37.3725	81.5390	PPP	0.6 -	1.8	4.6 -	2.96 +	0.40 +	7.32	1096.	51.	1.
784	0000	-818	37.3725	81.5385	PPNR	0.7	1.7	4.7	2.48	0.35	7.07	1105.	49.	1.
785	0000	-817	37.3725	81.5379	PPNR	0.7	1.7	4.7	2.49	0.35	7.01	1107.	50.	1.
786	0000	-816	37.3725	81.5374	PPNR	0.7	1.8	4.6	2.56	0.38 +	6.77	1130.	50.	1.
787	0000	-818	37.3725	81.5367	PPNR	0.7	1.9	4.7	2.69 +	0.40 +	6.68	1162.	49.	1.
788	0000	-819	37.3725	81.5361	PPNR	0.7	1.8	5.0	2.64 +	0.37	7.20	1178.	49.	1.
789	0000	-819	37.3726	81.5357	PPNR	0.8	1.7	5.2	2.31	0.34	6.85	1205.	48.	2.
790	0000	-819	37.3726	81.5351	PPNR	0.8	1.7	5.2	2.13	0.32	6.61	1202.	47.	2.
791	0000	-819	37.3726	81.5345	PPNR	0.7	1.9	5.6	2.55	0.33	7.63	1199.	49.	1.
792	0000	-818	37.3726	81.5340	PPNR	0.7	2.0	5.6	2.79 +	0.35	7.91	1205.	51.	1.
793	0000	-818	37.3726	81.5334	PPNR	0.7	2.0	5.6	2.79 +	0.36	7.81	1225.	52.	2.
794	0000	-817	37.3726	81.5328	PPNR	0.7	2.0	5.8	2.71 +	0.33	8.09 +	1227.	50.	3.
795	0000	-819	37.3727	81.5323	PPNR	0.8	1.8	5.7	2.41	0.32	7.50	1212.	49.	5.
796	0000	-820	37.3727	81.5317	PPNR	0.7	1.8	5.6	2.46	0.32	7.80	1195.	50.	6.
797	0000	-819	37.3727	81.5311	PPNR	0.6	1.9	5.5	3.04 +	0.35	8.66 +	1203.	52.	7.
798	0000	-819	37.3727	81.5306	PPNR	0.7	1.6	5.8	2.16	0.27	7.91	1254.	51.	9.
799	0000	-818	37.3727	81.5300	PPNR	0.8	1.5	5.9	1.85	0.26	7.21	1308.	48.	10.
800	0000	-821	37.3727	81.5294	PPNR	0.8	1.5	6.0	1.87	0.25	7.38	1319.	47.	10.
801	0000	-822	37.3727	81.5289	PPNR	0.8	1.4	5.9	1.72	0.24	7.12	1344.	50.	11.
802	0000	-820	37.3727	81.5283	PPNR	0.8	1.4	5.8	1.66	0.24	6.98	1371.	52.	11.
803	0000	-820	37.3727	81.5277	PPP	0.9	1.4	5.8	1.63	0.25	6.64	1384.	54.	10.
804	0000	-820	37.3727	81.5272	PPP	0.9	1.4	5.9	1.50	0.23	6.45	1404.	53.	10.
805	0000	-820	37.3727	81.5266	PPP	0.9	1.7	5.6	1.93	0.30	6.43	1399.	54.	8.
806	0000	-823	37.3727	81.5260	PPP	0.9	1.8	5.7	2.04	0.31	6.67	1375.	55.	7.
807	0000	-822	37.3728	81.5255	PPP	0.9	1.7	5.6	1.93	0.30	6.48	1360.	55.	6.
808	0000	-819	37.3728	81.5249	PPP	0.9	1.7	5.6	1.86	0.30	6.24	1336.	53.	6.
809	0000	-820	37.3728	81.5244	PPP	0.9	1.9	5.6	2.09	0.34	6.12	1348.	53.	5.
810	0000	-821	37.3728	81.5238	PPP	1.0	2.0	5.8	2.03	0.34	5.99	1410.	53.	5.
811	0000	-821	37.3728	81.5232	PPP	1.1	1.9	6.5	1.76	0.30	5.91	1505.	51.	4.
812	0000	-822	37.3728	81.5227	PPP	1.2	1.9	6.5	1.60	0.28	5.64	1536.	51.	4.
813	0000	-823	37.3729	81.5222	PPP	1.2	1.7	6.3	1.46	0.27	5.46	1538.	51.	5.
814	0000	-824	37.3729	81.5215	PPP	1.2	1.7	6.4	1.47	0.27	5.46	1547.	51.	6.
815	0000	-824	37.3729	81.5210	PPP	1.2	1.8	6.2	1.53	0.29	5.24 -	1565.	54.	5.
816	0000	-823	37.3729	81.5204	PPP	1.2	1.8	6.3	1.5[illegible]	0.29	5.26 -	1579.	52.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-823	37.3729	81.5198	PPP	1.2	1.7	6.1	1.46	0.29	5.06 -	1548.	52.	5.
818	0000	-824	37.3729	81.5192	PPP	1.1	1.7	5.6	1.53	0.30	5.03 -	1468.	54.	6.
819	0000	-824	37.3729	81.5188	PPNR	1.1	1.6	5.4	1.43	0.29	4.92 -	1443.	54.	7.
820	0000	-823	37.3729	81.5182	PPNR	1.1	1.7	5.4	1.54	0.31	5.03 -	1456.	53.	6.
821	0000	-822	37.3729	81.5176	PPNR	1.1	1.6	5.8	1.43	0.29	5.01 -	1482.	52.	6.
822	0000	-821	37.3729	81.5170	PPNR	1.2	1.5	6.0	1.32 -	0.25	5.18 -	1492.	49.	7.
823	0000	-821	37.3729	81.5165	PPNR	1.1	1.4	5.5	1.21 -	0.25	4.84 -	1469.	50.	8.
824	0000	-819	37.3729	81.5159	PPNR	1.1	1.2	6.1	1.07 -	0.19 -	5.55	1440.	50.	8.
825	0000	-819	37.3730	81.5154	PPNR	1.1	1.0 -	6.0	0.95 -	0.17 -	5.61	1412.	49.	8.
826	0000	-818	37.3730	81.5148	PPNR	1.0	1.3	6.0	1.28 -	0.22	5.84	1389.	48.	7.
827	0000	-816	37.3730	81.5142	PPNR	1.0	1.3	6.0	1.33	0.23	5.90	1356.	50.	7.
828	0000	-816	37.3730	81.5136	PPP	0.9	1.3	5.4	1.42	0.25	5.69	1313.	51.	8.
829	0000	-816	37.3730	81.5131	PPP	0.9	1.6	5.1	1.72	0.31	5.61	1282.	51.	7.
830	0000	-816	37.3730	81.5125	PPP	0.9	1.6	5.7	1.82	0.29	6.32	1308.	47.	6.
831	0000	-816	37.3731	81.5120	PPP	1.0	1.8	5.7	1.83	0.32	5.69	1370.	47.	6.
832	0000	-816	37.3731	81.5114	PPP	1.2	2.0	6.3	1.73	0.32	5.36 -	1492.	48.	5.
833	0000	-817	37.3731	81.5108	PPP	1.4 +	2.2	6.9	1.51	0.31	4.81 -	1660.	49.	4.
834	0000	-819	37.3731	81.5102	PPP	1.6 +	2.6 +	7.6	1.61	0.34	4.77 -	1845.	48.	4.
835	0000	-819	37.3731	81.5097	PPP	1.7 +	3.0 ++	8.5 +	1.74	0.35	4.98 -	1989.	46.	2.
836	0000	-819	37.3731	81.5091	PPP	1.9 +	2.8 +	8.9 +	1.52	0.32	4.77 -	2129.	48.	2.
837	0000	-821	37.3731	81.5086	PPP	2.0 ++	3.2 ++	8.9 +	1.56	0.36 +	4.37 --	2249.	50.	1.
838	0000	-820	37.3731	81.5079	PPP	2.1 ++	3.4 ++	9.1 +	1.61	0.37 +	4.38 --	2324.	52.	1.
839	0000	-817	37.3731	81.5074	PPP	2.1 ++	3.5 +++	9.1 +	1.71	0.39 +	4.38 --	2338.	49.	1.
840	0000	-817	37.3730	81.5068	PPP	1.9 +	3.4 +++	9.3 +	1.77	0.37 +	4.76 -	2276.	48.	1.
841	0000	-818	37.3730	81.5061	PPP	1.9 +	3.0 ++	9.6 ++	1.58	0.31	5.06 -	2189.	48.	1.
842	0000	-818	37.3730	81.5056	PPNR	1.8 ++	2.5 +	9.2 ++	1.38	0.27	5.06 -	2107.	50.	2.
843	0000	-820	37.3730	81.5050	PPNR	1.7 ++	2.7 +	9.4 ++	1.57	0.28	5.54	2022.	50.	2.
844	0000	-820	37.3730	81.5043	PPNR	1.5 ++	2.4 +	9.3 ++	1.56	0.26	6.02	1900.	51.	1.
845	0000	-817	37.3730	81.5038	PPNR	1.4 +	2.2	8.9 ++	1.62	0.25	6.41	1783.	52.	2.
846	0000	-816	37.3729	81.5032	PPNR	1.2	2.0	8.2 +	1.64	0.24	6.84	1658.	54.	3.
847	0000	-815	37.3729	81.5027	PPNR	1.1	1.8	7.5 +	1.63	0.23	6.94	1533.	54.	3.
848	0000	-815	37.3730	81.5020	PPNR	1.0	1.8	6.4	1.85	0.28	6.60	1419.	55.	4.
849	0000	-815	37.3729	81.5014	PPNR	0.9	1.9	6.2	2.10	0.31	6.87	1358.	56.	3.
850	0000	-816	37.3729	81.5009	PPNR	0.8	1.8	5.7	2.22	0.32	6.90 -	1309.	56.	3.
851	0000	-818	37.3729	81.5002	PPNR	0.8	1.7	5.3	2.01	0.31	6.44	1279.	55.	3.
852	0000	-820	37.3728	81.4996	PPNR	0.8	1.6	5.2	1.84	0.30	6.09	1252.	56.	3.
853	0000	-819	37.3728	81.4991	PPNR	0.8	1.7	4.9	2.06	0.34	5.98	1230.	56.	2.
854	0000	-819	37.3728	81.4984	PPNR	0.8	1.8	4.5 -	2.35	0.40 +	5.84	1200.	56.	2.
855	0000	-819	37.3728	81.4978	PPP	0.7	1.7	4.5 -	2.31	0.38 +	6.07	1171.	54.	1.
856	0000	-818	37.3728	81.4972	PPP	0.7	1.7	4.1 -	2.46	0.43 +	5.73	1134.	55.	1.
857	0000	-818	37.3728	81.4966	PPP	0.7	1.7	4.1 -	2.34	0.42 +	5.63	1125.	54.	2.
858	0000	-820	37.3727	81.4960	PPP	0.7	1.7	4.3 -	2.43	0.39 +	6.20	1138.	52.	2.
859	0000	-818	37.3727	81.4954	PPP	0.8	1.6	4.2 -	2.05	0.37 +	5.50	1175.	51.	4.
860	0000	-818	37.3727	81.4948	PPP	0.9	1.5	4.6 -	1.76	0.33	5.35 -	1239.	51.	5.
861	0000	-820	37.3727	81.4943	PPP	1.0	1.4	5.4	1.48	0.27	5.55	1332.	52.	6.
862	0000	-819	37.3727	81.4936	PPP	1.1	1.4	5.9	1.21 -	0.23	5.21 -	1451.	52.	8.
863	0000	-818	37.3727	81.4930	PPP	1.3	1.5	7.0	1.13 -	0.21 -	5.37 -	1632.	52.	9.
864	0000	-819	37.3726	81.4925	PPP	1.4 +	1.7	7.4	1.18 -	0.23	5.16 -	1799.	52.	9.
865	0000	-819	37.3726	81.4918	PPP	1.6 +	2.1	8.0 +	1.34	0.27	5.04 -	1925.	53.	9.
866	0000	-817	37.3726	81.4912	PPP	1.7 +	2.2	8.5 +	1.30 -	0.26	5.07 -	2008.	53.	7.
867	0000	-817	37.3725	81.4907	PPP	1.8 +	2.3	8.8 +	1.28 -	0.26	5.01 -	2058.	53.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-816	37.3726	81.4901	PPP	1.7 +	2.5 +	8.6 +	1.47	0.30	4.99 -	2053.	53.	5.
869	0000	-816	37.3726	81.4894	PPP	1.6 +	2.7 +	8.7 +	1.65	0.31	5.39	1993.	52.	4.
870	0000	-815	37.3725	81.4889	PPP	1.5 +	2.5 +	7.9	1.69	0.32	5.32 -	1855.	51.	3.
871	0000	-817	37.3725	81.4883	PPP	1.3	2.2	7.4	1.70	0.30	5.69	1689.	53.	3.
872	0000	-817	37.3725	81.4876	PPP	1.2	2.0	6.8	1.66	0.29	5.72	1567.	54.	2.
873	0000	-817	37.3725	81.4871	PPP	1.0	2.4 +	6.5	2.32	0.36 +	6.35	1499.	53.	2.
874	0000	-817	37.3725	81.4865	PPP	0.9	2.3	5.9	2.54 +	0.39 +	6.54	1434.	53.	3.
875	0000	-817	37.3725	81.4859	PPP	0.9	2.0	5.7	2.28	0.36 +	6.32	1406.	50.	3.
876	0000	-817	37.3724	81.4853	PPP	0.9	2.2	5.2	2.41	0.41 +	5.82	1400.	50.	3.
877	0000	-817	37.3724	81.4847	PPP	0.9	2.1	5.3	2.42	0.40 +	6.06	1371.	51.	3.
878	0000	-818	37.3724	81.4841	PPNR	0.8	2.1	5.2	2.55	0.41 +	6.16	1330.	51.	3.
879	0000	-820	37.3724	81.4835	PPNR	0.8	2.1	5.0	2.54	0.41 +	6.13	1291.	48.	3.
880	0000	-821	37.3724	81.4829	PPNR	0.8	1.6	4.7	1.98	0.35	5.74	1228.	47.	3.
881	0000	-820	37.3723	81.4823	PPNR	0.8	1.6	4.4 -	2.01	0.35	5.73	1165.	48.	3.
882	0000	-819	37.3723	81.4817	PPNR	0.7	1.3	4.4 -	1.84	0.30	6.13	1117.	52.	3.
883	0000	-821	37.3724	81.4811	PPNR	0.7	1.2	4.6	1.66	0.26	6.36	1098.	55.	4.
884	0000	-820	37.3723	81.4805	PPNR	0.8	1.2	4.9	1.51	0.24	6.32	1120.	55.	4.
885	0000	-819	37.3723	81.4799	PPNR	0.9	1.0 -	4.9	1.16 -	0.20 -	5.79	1167.	55.	5.
886	0000	-819	37.3723	81.4793	PPNR	0.9	0.9 -	5.2	1.10 -	0.18 -	6.06	1196.	54.	6.
887	0000	-818	37.3722	81.4787	PPNR	0.9	0.9 -	5.6	1.03 -	0.16 -	6.48	1229.	54.	7.
888	0000	-819	37.3722	81.4782	PPNR	0.9	0.9 -	5.8	0.92 --	0.15 --	6.27	1258.	54.	7.
889	0000	-821	37.3722	81.4776	PPNR	1.0	1.0 -	5.9	1.03 -	0.17 -	5.98	1304.	51.	8.
890	0000	-821	37.3722	81.4769	PPNR	1.0	1.0 -	6.1	1.01 -	0.17 -	6.06	1349.	51.	8.
891	0000	-819	37.3722	81.4763	PPNR	1.0	1.1 -	6.0	1.07 -	0.18 -	6.03	1391.	51.	9.
892	0000	-819	37.3722	81.4758	PPNR	1.0	1.3	6.0	1.23 -	0.21 -	5.86	1421.	49.	8.
893	0000	-820	37.3721	81.4751	PPNR	1.1	1.3	6.3	1.23 -	0.21 -	5.88	1466.	53.	8.
894	0000	-820	37.3721	81.4745	PPNR	1.2	1.6	6.1	1.43	0.27	5.28 -	1528.	53.	7.
895	0000	-822	37.3721	81.4740	PPNR	1.2	1.8	7.1	1.54	0.26	6.00	1638.	52.	6.
896	0000	-821	37.3721	81.4734	PPNR	1.3 +	2.0	8.1 +	1.49	0.24	6.15	1744.	51.	5.
897	0000	-820	37.3721	81.4728	PPNR	1.4 +	2.2	8.4 +	1.51	0.26	5.87	1853.	52.	4.
898	0000	-822	37.3721	81.4722	PPNR	1.6 ++	2.3 +	9.2 ++	1.41	0.25	5.69	1975.	53.	4.
899	0000	-821	37.3720	81.4716	PPNR	1.8 ++	2.5 +	9.8 ++	1.39	0.25	5.54	2090.	55.	3.
900	0000	-820	37.3720	81.4710	PPNR	1.8 ++	2.9 ++	9.7 ++	1.57	0.29	5.33 -	2162.	56.	3.
901	0000	-821	37.3721	81.4704	PPNR	1.8 ++	2.8 ++	9.9 ++	1.57	0.29	5.48	2177.	58.	3.
902	0000	-821	37.3720	81.4698	PPNR	1.8 ++	2.9 ++	9.5 ++	1.59	0.30	5.23 -	2142.	59.	3.
903	0000	-819	37.3720	81.4692	PPNR	1.7 ++	2.9 ++	8.8 ++	1.66	0.33	5.05 -	2066.	60.	4.
904	0000	-821	37.3720	81.4686	PPNR	1.6 ++	2.8 +	8.2 +	1.69	0.34	4.99 -	1981.	57.	5.
905	0000	-821	37.3719	81.4680	PPNR	1.5 +	2.6 +	7.6 +	1.80	0.35	5.19 -	1845.	55.	5.
906	0000	-819	37.3719	81.4674	PPNR	1.3 +	2.3	7.2	1.74	0.31	5.57	1723.	54.	6.
907	0000	-820	37.3719	81.4667	PPNR	1.2	1.8	7.3	1.51	0.24	6.18	1615.	53.	6.
908	0000	-821	37.3719	81.4662	PPNR	1.1	1.6	7.3	1.44	0.22	6.48	1551.	50.	6.
909	0000	-820	37.3719	81.4656	PPNR	1.1	1.6	6.9	1.45	0.23	6.41	1526.	50.	7.
910	0000	-820	37.3719	81.4650	PPNR	1.1	1.6	7.1	1.37	0.22	6.25	1553.	50.	7.
911	0000	-820	37.3718	81.4644	PPP	1.2	1.6	7.4	1.35	0.21 -	6.33	1553.	52.	6.
912	0000	-819	37.3719	81.4638	PPP	1.2	1.7	7.5	1.37	0.23	5.99	1595.	53.	5.
913	0000	-820	37.3719	81.4632	PPP	1.3	2.0	7.4	1.54	0.27	5.69	1650.	53.	4.
914	0000	-820	37.3718	81.4626	PPP	1.4 +	2.2	7.4	1.56	0.29	5.31 -	1713.	51.	3.
915	0000	-819	37.3718	81.4620	PPP	1.4 +	2.4 +	7.2	1.73	0.34	5.15 -	1731.	52.	2.
916	0000	-819	37.3717	81.4614	PPP	1.4 +	2.3	7.2	1.67	0.32	5.17 -	1697.	52.	1.
917	0000	-821	37.3717	81.4608	PPP	1.4	2.3	7.0	1.65	0.32	5.12 -	1671.	52.	1.
918	0000	-820	37.3717	81.4602	PPP	1.4	2.2	6.8	1.63	0.33	4.96 -	1675.	52.	1.

STAT ANALYSIS, BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-820	37.3717	81.4597	PPNR	1.4 +	2.2	6.9	1.58	0.32	4.91 -	1696.	52.	1.
920	0000	-822	37.3717	81.4590	PPNR	1.4 +	2.4 +	7.0	1.70	0.35	4.85 -	1712.	53.	2.
921	0000	-822	37.3717	81.4584	PPNR	1.4 +	2.3 +	7.0	1.60	0.33	4.89 -	1705.	56.	2.
922	0000	-821	37.3716	81.4578	PPNR	1.4 +	2.1	7.1	1.44	0.29	4.96 -	1727.	57.	4.
923	0000	-821	37.3716	81.4572	PPNR	1.5 +	2.0	7.2	1.35	0.28	4.88 -	1768.	56.	5.
924	0000	-821	37.3716	81.4567	PPNR	1.5 +	2.1	7.2	1.46	0.29	4.99 -	1792.	56.	6.
925	0000	-821	37.3716	81.4560	PPNR	1.5 +	2.2	7.7 +	1.47	0.28	5.19 -	1815.	56.	7.
926	0000	-821	37.3716	81.4554	PPNR	1.5 +	2.1	7.7 +	1.41	0.27	5.24 -	1832.	57.	7.
927	0000	-821	37.3716	81.4549	PPP	1.4 +	2.1	7.8	1.44	0.27	5.39	1850.	56.	7.
928	0000	-821	37.3715	81.4542	PPP	1.6 +	2.0	8.0 +	1.29 -	0.25	5.17 -	1891.	55.	7.
929	0000	-821	37.3715	81.4537	PPP	1.7 +	2.1	8.2 +	1.20 -	0.25	4.75 -	1949.	56.	6.
930	0000	-822	37.3715	81.4531	PPP	1.8 +	2.4 +	8.4 +	1.32 -	0.28	4.67 -	2015.	57.	4.
931	0000	-822	37.3715	81.4525	PPP	1.8 +	2.3	8.9 +	1.24 -	0.26	4.81 -	2048.	56.	3.
932	0000	-821	37.3715	81.4519	PPP	1.8 +	2.4 +	9.1 +	1.29 -	0.26	4.93 -	2070.	56.	3.
933	0000	-821	37.3715	81.4513	PPP	1.8 +	2.5 +	8.8 +	1.40	0.28	5.01 -	1998.	55.	1.
934	0000	-822	37.3714	81.4507	PPP	1.7 +	2.1	8.4 +	1.27 -	0.25	5.08 -	1879.	54.	1.
935	0000	-823	37.3714	81.4501	PPP	1.4 +	2.4 +	7.5	1.65	0.32	5.18 -	1758.	53.	0.
936	0000	-823	37.3714	81.4495	PPP	1.3	2.2	7.2	1.70	0.30	5.64	1653.	53.	0.
937	0000	-823	37.3714	81.4489	PPNR	1.2	2.1	7.1	1.78	0.30	5.93	1583.	53.	0.
938	0000	-824	37.3714	81.4483	PPNR	1.2	2.2	6.5	1.88	0.34	5.56	1549.	54.	1.
939	0000	-824	37.3714	81.4477	PPNR	1.2	2.1	6.3	1.85	0.34	5.43	1519.	54.	3.
940	0000	-823	37.3713	81.4471	PPNR	1.2	2.1	7.0	1.74	0.30	5.78	1572.	54.	4.
941	0000	-824	37.3713	81.4465	PPNR	1.3 +	2.1	7.2	1.67	0.30	5.63	1646.	56.	6.
942	0000	-825	37.3713	81.4459	PPNR	1.4 +	1.9	7.4 +	1.30 -	0.25	5.21 -	1699.	56.	8.
943	0000	-824	37.3713	81.4453	PPNR	1.5 +	2.0	7.5 +	1.35	0.26	5.10 -	1722.	55.	9.
944	0000	-823	37.3713	81.4447	PPNR	1.5 +	1.9	7.6 +	1.26 -	0.24	5.19 -	1731.	54.	10.
945	0000	-824	37.3713	81.4442	PPNR	1.5 +	1.7	7.8 +	1.13 -	0.22	5.15 -	1735.	53.	10.
946	0000	-825	37.3712	81.4435	PPNR	1.5 +	1.7	7.7 +	1.13 -	0.22	5.10 -	1746.	52.	10.
947	0000	-823	37.3712	81.4429	PPNR	1.6 ++	1.6	7.1	1.01 -	0.22	4.58 -	1729.	53.	10.
948	0000	-823	37.3712	81.4424	PPNR	1.6 ++	1.5	7.4	0.95 --	0.20 -	4.63 -	1737.	53.	9.
949	0000	-826	37.3712	81.4417	PPNR	1.6 ++	1.5	7.9 +	0.90 --	0.19 -	4.84 -	1802.	53.	7.
950	0000	-826	37.3712	81.4411	PPNR	1.7 ++	1.7	8.0 +	1.02 -	0.21	4.76 -	1850.	54.	6.
951	0000	-825	37.3712	81.4406	PPP	1.6 +	1.6	7.9	0.97 -	0.20 -	4.80 -	1831.	54.	6.
952	0000	-826	37.3711	81.4400	PPP	1.5 +	1.7	7.5	1.12 -	0.23	4.98 -	1757.	54.	5.
953	0000	-825	37.3711	81.4393	PPP	1.4 +	1.6	7.1	1.16 -	0.23	5.05 -	1649.	55.	5.
954	0000	-827	37.3711	81.4388	PPP	1.2	1.6	6.6	1.24 -	0.24	5.28 -	1555.	56.	6.
955	0000	-829	37.3711	81.4382	PPP	1.1	1.5	6.3	1.38	0.24	5.65	1470.	54.	6.
956	0000	-827	37.3711	81.4375	PPNR	0.9	1.6	5.5	1.73	0.29	5.89	1353.	56.	7.
957	0000	-828	37.3710	81.4370	PPNR	0.8	1.1 -	5.3	1.36	0.21	6.35	1265.	59.	9.
958	0000	-830	37.3710	81.4364	PPNR	0.8	0.9 -	5.1	1.12 -	0.18 -	6.20	1266.	59.	10.
959	0000	-828	37.3710	81.4358	PPNR	0.8	0.7 -	6.0	0.86 --	0.12 --	7.10	1329.	59.	11.
960	0000	-829	37.3710	81.4352	PPNR	1.0	0.6 --	6.3	0.63 ---	0.10 ---	6.56	1390.	58.	12.
961	0010	-830	37.3710	81.4346	PPNR	1.0	0.5 N.A.	6.5	0.52 N.A.	0.08 N.A.	6.64	1424.	58.	12.
962	0010	-829	37.3710	81.4340	PPNR	1.0	0.4 N.A.	6.5	0.38 N.A.	0.06 N.A.	6.49	1420.	60.	12.
963	0010	-829	37.3709	81.4333	PPNR	1.0	0.2 N.A.	6.6	0.15 N.A.	0.02 N.A.	6.56	1413.	56.	13.
964	0010	-830	37.3709	81.4328	PPNR	1.0	0.3 N.A.	6.5	0.32 N.A.	0.05 N.A.	6.66	1389.	55.	13.
965	0000	-830	37.3709	81.4322	PPNR	0.9	0.5 --	6.3	0.50 ---	0.07 ---	6.80	1319.	55.	12.
966	0000	-831	37.3708	81.4316	PPNR	0.9	0.6 --	5.5	0.68 ---	0.11 ---	6.42	1209.	56.	11.
967	0000	-831	37.3709	81.4310	PPNR	0.8	0.5 --	5.3	0.66 ---	0.09 ---	6.98	1133.	57.	11.
968	0000	-830	37.3709	81.4304	PPNR	0.7	0.7 -	5.1	1.04 -	0.15 --	6.98	1085.	54.	10.
969	0000	-831	37.3708	81.4298	PPNR	0.7	0.8 -	5.2	1.14 -	0.16 --	7.29	1083.	52.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-832	37.3708	81.4292	PPNR	0.7	1.1 -	5.5	1.52	0.19 -	7.92	1089.	53.	7.
971	0000	-831	37.3708	81.4286	PPNR	0.7	1.3	5.6	1.78	0.22	7.92	1119.	52.	5.
972	0000	-832	37.3708	81.4280	PPP	0.7	1.4	5.7	1.95	0.25	7.77	1154.	52.	4.
973	0000	-832	37.3708	81.4275	PPP	0.8	1.5	5.9	1.93	0.26	7.44	1196.	51.	3.
974	0000	-833	37.3708	81.4268	PPP	0.8	1.9	6.1	2.39	0.32	7.54	1253.	51.	2.
975	0000	-835	37.3707	81.4262	PPP	0.8	2.2	6.7	2.57 +	0.32	7.99 +	1329.	51.	1.
976	0000	-835	37.3707	81.4257	PPP	0.9	2.5 +	6.8	2.72 +	0.37 +	7.43	1407.	51.	1.
977	0000	-834	37.3707	81.4250	PPP	1.0	2.7 +	6.8	2.72 +	0.40 +	6.85	1464.	52.	1.
978	0000	-835	37.3707	81.4244	PPP	1.0	2.7 +	7.0	2.63 +	0.38 +	6.85	1488.	52.	2.
979	0000	-834	37.3707	81.4239	PPP	1.0	2.6 +	6.7	2.48	0.38 +	6.54	1498.	50.	2.
980	0000	-834	37.3707	81.4233	PPP	1.0	2.3	6.8	2.20	0.34	6.50	1486.	52.	3.
981	0000	-835	37.3706	81.4227	PPNR	1.1	1.9	6.6	1.79	0.30	6.06	1476.	52.	5.
982	0000	-834	37.3706	81.4220	PPNR	1.2	1.7	6.3	1.40	0.26	5.30 -	1476.	52.	5.
983	0000	-835	37.3706	81.4215	PPNR	1.3 +	1.4	6.2	1.14 -	0.23	4.91 -	1470.	54.	6.
984	0000	-837	37.3705	81.4209	PPNR	1.3 +	1.4	6.3	1.11 -	0.22	4.94 -	1481.	54.	5.
985	0000	-836	37.3706	81.4202	PPNR	1.3 +	1.3	6.8	0.96 -	0.19 -	5.06 -	1508.	54.	5.
986	0000	-836	37.3706	81.4197	PPNR	1.4 +	1.2	7.1	0.90 --	0.17 -	5.26 -	1526.	57.	4.
987	0000	-836	37.3705	81.4191	PPP	1.3	1.5	7.0	1.11 -	0.21 -	5.18 -	1546.	55.	3.
988	0000	-837	37.3705	81.4185	PPP	1.3	1.6	7.0	1.25 -	0.24	5.28 -	1540.	56.	2.
989	0000	-838	37.3705	81.4179	PPP	1.2	1.7	7.0	1.35	0.24	5.67	1510.	54.	1.
990	0000	-838	37.3705	81.4173	PPP	1.2	1.7	7.0	1.47	0.25	6.00	1471.	54.	1.
991	0000	-838	37.3705	81.4166	PPP	1.1	1.5	7.1	1.35	0.21 -	6.37	1473.	55.	1.
992	0000	-839	37.3704	81.4161	PPP	1.0	1.6	6.7	1.55	0.24	6.42	1427.	54.	2.
993	0000	-840	37.3704	81.4155	PPP	1.0	1.9	6.7	1.92	0.28	6.79	1433.	52.	1.
994	0000	-838	37.3704	81.4149	PPP	1.0	1.7	7.0	1.65	0.24	6.84	1463.	52.	2.
995	0000	-837	37.3703	81.4143	PPP	1.1	1.8	7.1	1.71	0.26	6.57	1513.	53.	3.
996	0000	-840	37.3703	81.4137	PPP	1.1	2.0	7.7	1.80	0.26	6.88	1580.	55.	3.
997	0000	-841	37.3703	81.4131	PPP	1.2	1.8	7.8	1.56	0.23	6.72	1609.	54.	4.
998	0000	-840	37.3703	81.4125	PPNR	1.2	1.8	7.5 +	1.55	0.24	6.43	1583.	55.	5.
999	0000	-842	37.3703	81.4119	PPNR	1.2	1.8	7.6 +	1.55	0.24	6.44	1609.	56.	5.
1000	0000	-843	37.3703	81.4113	PPNR	1.2	1.7	7.6 +	1.43	0.23	6.30	1610.	57.	5.
1001	0000	-842	37.3702	81.4107	PPNR	1.2	1.8	7.7 +	1.49	0.23	6.37	1605.	58.	4.
1002	0000	-843	37.3703	81.4101	PPNR	1.2	1.5	7.8 +	1.18 -	0.19 -	6.34	1594.	59.	4.
1003	0000	-842	37.3703	81.4095	PPNR	1.3 +	1.5	7.1	1.21 -	0.22	5.59	1587.	57.	4.
1004	0000	-841	37.3702	81.4089	PPNR	1.3 +	1.9	6.9	1.52	0.28	5.42	1601.	58.	3.
1005	0000	-845	37.3702	81.4083	PPNR	1.3 +	1.9	6.7	1.48	0.29	5.16 -	1611.	56.	2.
1006	0000	-846	37.3702	81.4077	PPNR	1.3 +	1.9	6.5	1.48	0.30	4.95 -	1621.	55.	3.
1007	0000	-845	37.3702	81.4071	PPNR	1.4 +	1.9	6.3	1.38	0.30	4.58 -	1644.	53.	4.
1008	0000	-844	37.3702	81.4066	PPNR	1.4 +	1.8	6.2	1.25 -	0.29	4.36 --	1672.	52.	5.
1009	0000	-843	37.3702	81.4059	PPNR	1.4 +	1.9	6.2	1.36	0.31	4.38 --	1700.	49.	6.
1010	0000	-843	37.3701	81.4053	PPNR	1.3 +	1.8	6.3	1.36	0.29	4.65 -	1683.	52.	7.
1011	0000	-846	37.3701	81.4048	PPP	1.3	1.7	6.6	1.30 -	0.25	5.15 -	1669.	51.	8.
1012	0000	-845	37.3701	81.4041	PPP	1.3	2.0	6.8	1.56	0.29	5.43	1691.	50.	8.
1013	0000	-844	37.3700	81.4035	PPP	1.3	1.9	6.9	1.54	0.28	5.53	1698.	49.	7.
1014	0000	-845	37.3700	81.4030	PPP	1.2	1.8	7.3	1.49	0.25	5.96	1680.	51.	6.
1015	0000	-846	37.3700	81.4024	PPP	1.1	2.1	7.4	1.81	0.28	6.46	1655.	51.	5.
1016	0000	-845	37.3700	81.4017	PPP	1.1	2.0	7.3	1.91	0.28	6.78	1602.	53.	4.
1017	0000	-845	37.3700	81.4012	PPP	1.0	1.9	7.1	1.86	0.27	6.89	1554.	52.	4.
1018	0000	-845	37.3700	81.4006	PPP	1.0	2.0	6.9	1.94	0.29	6.73	1502.	51.	3.
1019	0000	-845	37.3699	81.4000	PPP	1.0	1.8	6.9	1.90	0.27	7.15	1448.	51.	3.
1020	0000	-846	37.3699	81.3994	PPP	0.9	1.8	6.7	1.89	0.26	7.16	1401.	51.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-847	37.3699	81.3988	PPP	0.9	1.7	6.6	1.90	0.26	7.34	1349.	52.	3.
1022	0000	-848	37.3699	81.3982	PPP	0.9	1.5	6.2	1.72	0.25	7.00	1314.	52.	3.
1023	0000	-849	37.3699	81.3976	PPP	0.9	1.6	6.4	1.79	0.25	7.18	1309.	51.	3.
1024	0000	-851	37.3699	81.3970	PPP	0.9	1.6	6.6	1.76	0.24	7.26	1322.	50.	2.
1025	0000	-849	37.3698	81.3964	PPP	1.0	1.4	7.3	1.44	0.19 -	7.49	1371.	52.	2.
1026	0000	-848	37.3698	81.3958	PPP	1.1	1.3	7.1	1.20 -	0.18 -	6.53	1403.	54.	2.
1027	0000	-848	37.3698	81.3952	PPP	1.1	1.3 -	7.1	1.15 -	0.18 -	6.31	1432.	54.	3.
1028	0000	-848	37.3698	81.3946	PPP	1.1	1.7	6.7	1.48	0.25	6.02	1471.	52.	2.
1029	0000	-849	37.3698	81.3940	PPP	1.1	1.9	6.7	1.75	0.29	6.06	1490.	52.	1.
1030	0000	-848	37.3697	81.3934	PPP	1.1	1.9	6.1	1.80	0.32	5.66	1485.	52.	2.
1031	0000	-847	37.3697	81.3928	PPP	1.1	2.0	5.8	1.77	0.34	5.19 -	1489.	53.	2.
1032	0000	-849	37.3697	81.3923	PPP	1.1	2.1	5.2	1.91	0.39 +	4.85 -	1449.	55.	3.
1033	0000	-848	37.3697	81.3916	PPP	1.0	2.1	5.3	2.16	0.39 +	5.47	1413.	55.	3.
1034	0000	-848	37.3697	81.3910	PPP	0.9	2.1	5.4	2.33	0.39 +	5.92	1385.	54.	3.
1035	0000	-848	37.3697	81.3905	PPP	0.9	2.0	5.5	2.29	0.36 +	6.30	1361.	55.	4.
1036	0000	-849	37.3696	81.3899	PPP	0.9	1.7	5.8	1.92	0.29	6.63	1345.	56.	5.
1037	0000	-849	37.3696	81.3892	PPP	0.9	1.6	6.1	1.76	0.26	6.74	1365.	55.	5.
1038	0000	-848	37.3696	81.3887	PPP	0.9	1.6	6.9	1.81	0.23	7.88	1434.	53.	4.
1039	0000	-848	37.3696	81.3881	PPP	0.9	1.7	7.1	1.83	0.24	7.59	1482.	51.	5.
1040	0000	-849	37.3696	81.3874	PPP	1.0	1.8	7.2	1.71	0.25	6.94	1531.	51.	5.
1041	0000	-848	37.3696	81.3869	PPP	1.1	2.0	6.8	1.88	0.29	6.41	1542.	52.	6.
1042	0000	-847	37.3695	81.3862	PPP	1.1	1.9	6.6	1.83	0.29	6.33	1519.	51.	6.
1043	0000	-847	37.3695	81.3857	PPP	1.0	2.0	6.1	1.99	0.32	6.19	1464.	49.	6.
1044	0000	-847	37.3695	81.3851	PPP	0.9	2.0	5.8	2.12	0.34	6.29	1388.	49.	5.
1045	0000	-848	37.3695	81.3845	PPP	0.9	2.0	5.0	2.25	0.40 +	5.67	1273.	50.	5.
1046	0000	-848	37.3695	81.3839	PPP	0.8	1.9	4.9 -	2.34	0.39 +	5.99	1220.	50.	4.
1047	0000	-847	37.3695	81.3832	PPP	0.7	1.8	4.8 -	2.38	0.37 +	6.47	1169.	48.	4.
1048	0000	-847	37.3694	81.3827	PPP	0.7	1.5	5.4	2.05	0.28	7.22	1149.	47.	3.
1049	0000	-848	37.3694	81.3821	PPP	0.8	1.4	5.8	1.72	0.25	7.01	1166.	49.	2.
1050	0000	-848	37.3694	81.3815	PPP	0.9	1.6	6.3	1.75	0.25	6.87	1231.	50.	1.
1051	0000	-848	37.3694	81.3809	PPP	1.0	2.1	6.3	2.08	0.33	6.36	1316.	50.	1.
1052	0000	-850	37.3694	81.3803	PPP	1.1	2.0	6.6	1.83	0.30	6.13	1377.	52.	1.
1053	0000	-851	37.3694	81.3797	PPP	1.1	1.9	6.5	1.73	0.29	5.98	1374.	54.	1.
1054	0000	-852	37.3693	81.3790	PPP	1.1	1.9	6.3	1.72	0.30	5.80	1351.	55.	1.
1055	0000	-852	37.3693	81.3785	PPP	1.0	1.9	5.8	1.83	0.33	5.56	1318.	54.	0.
1056	0000	-853	37.3693	81.3779	PPP	1.0	2.0	5.7	1.99	0.34	5.81	1291.	53.	0.
1057	0000	-854	37.3693	81.3773	PPP	0.9	1.8	5.4	1.92	0.33	5.74	1267.	53.	1.
1058	0000	-855	37.3693	81.3767	PPP	0.9	1.5	6.0	1.67	0.25	6.67	1239.	54.	1.
1059	0000	-855	37.3693	81.3761	PPP	0.8	1.9	5.9	2.35	0.33	7.21	1236.	54.	0.
1060	0000	-854	37.3692	81.3755	PPP	0.8	2.0	6.1	2.53 +	0.34	7.52	1274.	51.	1.
1061	0000	-852	37.3692	81.3749	PPP	0.8	2.0	6.1	2.37	0.32	7.31	1290.	50.	2.
1062	0000	-850	37.3692	81.3743	PPP	0.8	2.1	6.5	2.46	0.32	7.76	1329.	51.	2.
1063	0000	-849	37.3692	81.3737	PPP	0.9	2.0	6.4	2.23	0.31	7.27	1376.	52.	4.
1064	0000	-849	37.3692	81.3732	PPP	0.9	1.8	6.3	1.91	0.28	6.83	1401.	51.	6.
1065	0000	-853	37.3692	81.3725	PPP	1.0	1.6	5.9	1.65	0.27	6.05	1406.	53.	8.
1066	0000	-855	37.3691	81.3719	PPP	1.0	1.3 -	5.7	1.24 -	0.22	5.61	1402.	51.	9.
1067	0000	-846	37.3691	81.3714	PPP	1.0	1.3	5.6	1.28 -	0.24	5.43	1419.	52.	9.
1068	0000	-837	37.3690	81.3707	PPP	1.0	1.7	5.6	1.76	0.30	5.79	1448.	53.	9.
1069	0000	-831	37.3690	81.3701	PPP	1.0	1.5	5.5	1.56	0.28	5.53	1457.	55.	8.
1070	0000	-832	37.3690	81.3696	PPP	1.0	1.8	5.6	1.78	0.32	5.62	1469.	55.	7.
1071	0000	-841	37.3690	81.3690	PPP	1.0	2.2	6.0	2.18	0.36 +	6.11	1502.	57.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-851	37.3690	81.3683	PPP	1.0	2.3	6.8	2.21	0.34	6.58	1584.	55.	3.
1073	0000	-854	37.3690	81.3678	PPP	1.1	2.6 +	6.9	2.35	0.38 +	6.27	1648.	54.	2.
1074	0000	-857	37.3690	81.3672	PPP	1.1	2.5 +	7.0	2.23	0.36 +	6.18	1648.	56.	1.
1075	0000	-858	37.3690	81.3665	PPP	1.2	2.3	7.4	1.99	0.31	6.36	1639.	57.	0.
1076	0000	-857	37.3690	81.3660	PPP	1.2	2.6 +	7.6	2.21	0.34	6.53	1651.	55.	0.
1077	0000	-859	37.3689	81.3654	PPP	1.2	2.6 +	7.4	2.21	0.34	6.41	1629.	57.	0.
1078	0000	-862	37.3689	81.3649	PPP	1.1	2.4 +	7.2	2.12	0.33	6.41	1571.	57.	0.
1079	0000	-864	37.3689	81.3642	PPP	1.1	2.3	6.7	2.21	0.35	6.34	1458.	59.	0.
1080	0000	-866	37.3689	81.3636	PPP	1.0	1.9	6.9	1.94	0.27	7.15	1361.	63.	0.
1081	0000	-867	37.3689	81.3630	PPP	0.9	2.0	6.4	2.18	0.31	7.08	1299.	63.	0.
1082	0000	-867	37.3689	81.3624	PPP	0.9	1.8	6.3	1.93	0.28	6.80	1306.	62.	0.
1083	0000	-868	37.3688	81.3618	PPNR	0.9	1.6	6.4	1.67	0.24	6.83	1285.	62.	0.
1084	0000	-868	37.3688	81.3612	PPNR	0.9	1.5	6.5	1.70	0.24	7.18	1264.	60.	0.
1085	0000	-868	37.3688	81.3606	PPNR	0.9	1.6	6.3	1.85	0.26	7.05	1247.	59.	1.
1086	0000	-870	37.3687	81.3600	PPNR	0.8	1.6	6.0	1.94	0.27	7.10	1251.	58.	1.
1087	0000	-868	37.3687	81.3594	PPNR	0.9	1.8	5.9	2.05	0.31	6.63	1260.	54.	1.
1088	0000	-868	37.3687	81.3588	PPNR	0.9	1.8	6.0	2.04	0.31	6.63	1272.	51.	1.
1089	0000	-869	37.3687	81.3582	PPP	0.8	2.0	5.7	2.41	0.35	6.81	1242.	50.	1.
1090	0000	-870	37.3687	81.3576	PPP	0.8	2.0	5.6	2.60 +	0.36 +	7.13	1234.	48.	1.
1091	0000	-870	37.3687	81.3570	PPP	0.8	2.0	5.3	2.52 +	0.38 +	6.73	1212.	48.	1.
1092	0000	-870	37.3686	81.3565	PPP	0.8	2.0	5.2	2.52 +	0.39 +	6.53	1208.	49.	0.
1093	0000	-869	37.3686	81.3558	PPP	0.8	1.9	5.2	2.49 +	0.37 +	6.66	1182.	49.	0.
1094	0000	-870	37.3687	81.3552	PPP	0.7	1.9	4.9 -	2.64 +	0.38 +	7.05	1130.	51.	0.
1095	0000	-871	37.3686	81.3547	PPP	0.7	1.6	5.0	2.43	0.33	7.35	1077.	52.	1.
1096	0000	-870	37.3686	81.3540	PPP	0.7	1.4	4.7 -	2.09	0.31	6.80	1052.	54.	2.
1097	0000	-872	37.3686	81.3534	PPP	0.7	1.4	4.1 -	2.09	0.35	5.90	1042.	56.	3.
1098	0000	-873	37.3685	81.3529	PPP	0.7	1.4	4.3 -	1.97	0.33	6.00	1064.	58.	4.
1099	0000	-872	37.3685	81.3523	PPP	0.7	1.3	4.6 -	1.88	0.29	6.43	1110.	58.	5.
1100	0000	-873	37.3685	81.3516	PPP	0.8	1.2 -	5.2	1.53	0.24	6.45	1175.	56.	6.
1101	0000	-874	37.3685	81.3511	PPP	0.9	1.5	5.1	1.68	0.29	5.82	1262.	57.	7.
1102	0000	-873	37.3685	81.3505	PPP	1.0	1.5	5.6	1.51	0.27	5.62	1360.	58.	7.
1103	0000	-871	37.3685	81.3498	PPP	1.1	1.7	6.1	1.55	0.28	5.46	1478.	58.	7.
1104	0000	-870	37.3684	81.3493	PPP	1.3	2.0	7.0	1.61	0.29	5.52	1620.	57.	7.
1105	0000	-870	37.3684	81.3487	PPP	1.4 +	2.1	7.6	1.46	0.27	5.32 -	1744.	56.	7.
1106	0000	-870	37.3684	81.3481	PPP	1.5 +	1.9	7.8	1.30 -	0.25	5.19 -	1766.	57.	7.
1107	0000	-872	37.3684	81.3475	PPP	1.4 +	2.3	7.7	1.60	0.30	5.38	1769.	61.	6.
1108	0000	-873	37.3684	81.3468	PPP	1.4	2.2	7.9	1.63	0.28	5.78	1756.	60.	5.
1109	0000	-874	37.3684	81.3463	PPP	1.3	2.2	7.9	1.69	0.28	6.06	1732.	61.	4.
1110	0000	-875	37.3684	81.3457	PPP	1.2	2.1	7.9	1.71	0.26	6.50	1683.	61.	3.
1111	0000	-876	37.3684	81.3451	PPP	1.1	1.7	7.6	1.55	0.22	7.06	1570.	61.	3.
1112	0000	-878	37.3684	81.3445	PPP	0.9	1.6	6.8	1.75	0.24	7.36	1456.	62.	3.
1113	0000	-879	37.3683	81.3439	PPP	0.8	1.7	6.8	2.07	0.26	8.13 +	1420.	62.	3.
1114	0000	-878	37.3683	81.3433	PPP	0.9	1.4	6.6	1.60	0.21 -	7.56	1393.	60.	4.
1115	0000	-878	37.3683	81.3427	PPP	0.9	1.1 -	6.4	1.28 -	0.18 -	7.17	1378.	61.	5.
1116	0000	-879	37.3683	81.3422	PPP	0.9	1.1 -	6.3	1.21 -	0.18 -	6.85	1367.	61.	6.
1117	0000	-879	37.3683	81.3415	PPP	0.9	1.1 -	6.0	1.25 -	0.19 -	6.69	1331.	62.	7.
1118	0000	-881	37.3683	81.3409	PPP	0.9	1.3 -	5.7	1.42	0.22	6.35	1320.	63.	7.
1119	0000	-880	37.3683	81.3403	PPP	0.9	1.3	5.8	1.48	0.23	6.56	1330.	64.	8.
1120	0000	-880	37.3683	81.3397	PPP	0.9	1.3	5.6	1.43	0.24	5.90	1352.	62.	8.
1121	0000	-881	37.3683	81.3391	PPP	1.0	1.3	5.6	1.39	0.24	5.82	1363.	62.	8.
1122	0000	-881	37.3683	81.3385	PPP	0.9	1.5	5.7	1.60	0.26	6.14	1376.	61.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-881	37.3683	81.3380	PPP	1.0	1.6	6.0	1.60	0.26	6.14	1427.	60.	7.
1124	0000	-881	37.3683	81.3373	PPP	1.0	1.7	6.6	1.62	0.25	6.46	1522.	57.	8.
1125	0000	-882	37.3683	81.3367	PPP	1.1	1.9	7.1	1.63	0.26	6.20	1622.	54.	7.
1126	0000	-884	37.3683	81.3362	PPP	1.2	1.9	8.1 +	1.60	0.24	6.71	1698.	52.	6.
1127	0000	-884	37.3682	81.3355	PPP	1.2	2.0	8.3 +	1.66	0.24	6.94	1732.	53.	5.
1128	0000	-882	37.3682	81.3350	PPP	1.2	2.2	8.7 +	1.81	0.26	6.99	1787.	53.	5.
1129	0000	-884	37.3682	81.3344	PPP	1.3	2.2	8.9 +	1.71	0.25	6.80	1833.	51.	5.
1130	0000	-885	37.3682	81.3337	PPP	1.3	2.4 +	8.9 +	1.87	0.27	6.81	1863.	52.	5.
1131	0000	-885	37.3682	81.3332	PPP	1.3	2.3	8.5 +	1.77	0.27	6.60	1809.	53.	6.
1132	0000	-886	37.3682	81.3326	PPNR	1.2	2.0	8.2 +	1.64	0.24	6.75	1747.	54.	7.
1133	0000	-888	37.3682	81.3320	PPNR	1.2	1.7	7.6 +	1.42	0.23	6.27	1679.	54.	8.
1134	0000	-889	37.3682	81.3313	PPNR	1.2	1.6	7.4 +	1.30 -	0.21	6.11	1640.	53.	9.
1135	0000	-888	37.3682	81.3307	PPNR	1.2	1.6	7.1	1.38	0.23	6.08	1598.	54.	9.
1136	0000	-890	37.3682	81.3302	PPNR	1.1	1.6	7.0	1.43	0.23	6.26	1570.	56.	9.
1137	0000	-890	37.3682	81.3295	PPNR	1.2	1.4	7.2	1.21 -	0.20 -	6.16	1565.	55.	8.
1138	0000	-889	37.3682	81.3289	PPNR	1.2	1.8	7.6 +	1.48	0.24	6.26	1631.	54.	7.
1139	0000	-889	37.3682	81.3284	PPNR	1.3 +	1.9	8.0 +	1.42	0.23	6.12	1689.	56.	6.
1140	0000	-889	37.3681	81.3278	PPNR	1.3 +	2.1	8.6 +	1.59	0.24	6.62	1722.	57.	4.
1141	0000	-889	37.3681	81.3271	PPNR	1.3 +	2.2	8.6 +	1.66	0.26	6.49	1744.	59.	3.
1142	0000	-893	37.3681	81.3266	PPNR	1.3 +	2.1	8.6 +	1.56	0.24	6.42	1746.	59.	2.
1143	0000	-892	37.3681	81.3260	PPNR	1.4 +	2.1	8.3 +	1.52	0.25	6.12	1749.	57.	1.
1144	0000	-891	37.3681	81.3254	PPNR	1.3 +	2.2	7.9 +	1.67	0.27	6.06	1702.	59.	1.
1145	0000	-893	37.3682	81.3248	PPNR	1.3 +	1.8	7.4 +	1.45	0.24	5.93	1630.	60.	2.
1146	0000	-891	37.3682	81.3242	PPP	1.2	1.6	7.4	1.36	0.22	6.19	1576.	59.	2.
1147	0000	-893	37.3681	81.3236	PPP	1.3	1.5	6.4	1.20 -	0.24	5.03 -	1563.	59.	3.
1148	0000	-895	37.3681	81.3230	PPP	1.3	1.4	6.5	1.09 -	0.21 -	5.22 -	1550.	58.	4.
1149	0000	-892	37.3681	81.3224	PPP	1.2	1.4	6.6	1.10 -	0.21 -	5.33 -	1528.	57.	5.
1150	0000	-893	37.3681	81.3218	PPP	1.2	1.4	6.7	1.13 -	0.20 -	5.55	1489.	59.	6.
1151	0000	-893	37.3681	81.3212	PPP	1.2	1.2 -	6.7	1.03 -	0.18 -	5.65	1462.	56.	6.
1152	0000	-892	37.3681	81.3206	PPP	1.2	1.2 -	6.8	0.95 --	0.17 -	5.56	1473.	57.	7.
1153	0000	-894	37.3680	81.3200	PPP	1.2	1.5	6.5	1.24 -	0.23	5.29 -	1498.	55.	7.
1154	0000	-896	37.3680	81.3194	PPP	1.2	1.9	6.7	1.67	0.29	5.77	1542.	55.	6.
1155	0000	-897	37.3680	81.3188	PPP	1.2	1.9	7.1	1.53	0.26	5.80	1604.	56.	7.
1156	0000	-899	37.3680	81.3182	PPP	1.3	1.9	7.1	1.48	0.26	5.62	1669.	58.	7.
1157	0000	-898	37.3680	81.3177	PPP	1.3	1.7	7.4	1.30 -	0.23	5.55	1749.	57.	7.
1158	0000	-896	37.3680	81.3170	PPP	1.4 +	1.8	7.8	1.30 -	0.24	5.51	1833.	58.	7.
1159	0000	-897	37.3680	81.3164	PPP	1.5 +	2.1	8.1 +	1.42	0.26	5.51	1917.	57.	7.
1160	0000	-899	37.3680	81.3159	PPP	1.5 +	2.0	8.5 +	1.29 -	0.23	5.57	2003.	59.	7.
1161	0000	-899	37.3680	81.3152	PPP	1.6 +	1.8	9.3 +	1.13 -	0.20 -	5.76	2063.	59.	7.
1162	0000	-899	37.3680	81.3146	PPP	1.6 +	2.0	9.1 +	1.24 -	0.22	5.58	2111.	59.	7.
1163	0000	-899	37.3680	81.3141	PPP	1.6 +	2.2	9.1 +	1.36	0.24	5.69	2103.	60.	6.
1164	0000	-900	37.3680	81.3134	PPP	1.6 +	2.3	8.9 +	1.44	0.26	5.58	2061.	59.	5.
1165	0000	-901	37.3680	81.3128	PPP	1.5 +	2.4 +	8.3 +	1.58	0.29	5.40	2018.	60.	5.
1166	0000	-900	37.3680	81.3123	PPP	1.5 +	2.6 +	8.1 +	1.72	0.32	5.37 -	1983.	60.	4.
1167	0000	-900	37.3679	81.3117	PPP	1.5 +	2.6 +	7.9	1.76	0.33	5.33 -	1937.	61.	3.
1168	0000	-901	37.3680	81.3110	PPP	1.4 +	2.8 +	7.2	1.93	0.39 +	4.96 -	1873.	61.	3.
1169	0000	-902	37.3680	81.3105	PPP	1.4	2.8 +	7.0	2.01	0.40 +	5.04 -	1783.	62.	2.
1170	0000	-902	37.3680	81.3099	PPP	1.4 +	2.8 +	6.9	1.98	0.40 +	4.94 -	1763.	60.	2.
1171	0000	-903	37.3680	81.3092	PPP	1.4 +	2.9 +	6.7	2.06	0.43 +	4.82 -	1753.	62.	2.
1172	0000	-903	37.3680	81.3087	PPP	1.4	2.6 +	7.2	1.94	0.36 +	5.36 -	1755.	61.	2.
1173	0000	-903	37.3680	81.3081	PPP	1.3	2.4 +	7.2	1.88	0.34	5.56	1728.	59.	2.

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CP 9 1P 12

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FLIGHT LINE 160, DAY 293

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1174	0000	-905	37.3679	81.3075	PPP	1.2	2.5 +	6.9	2.02	0.36 +	5.56	1685.	59.	1.
1175	0000	-906	37.3679	81.3069	PPP	1.2	2.3	7.2	1.92	0.32	5.93	1668.	58.	2.
1176	0000	-904	37.3679	81.3063	PPP	1.2	2.4 +	6.9	1.95	0.34	5.74	1664.	56.	2.
1177	0000	-906	37.3679	81.3057	PPP	1.2	2.4 +	7.3	2.03	0.33	6.08	1667.	54.	2.
1178	0000	-908	37.3679	81.3051	PPP	1.2	2.3	7.3	1.90	0.31	6.06	1675.	54.	2.
1179	0000	-906	37.3679	81.3045	PPP	1.2	2.2	6.9	1.84	0.33	5.64	1649.	55.	2.
1180	0000	-906	37.3679	81.3039	PPP	1.2	2.2	6.5	1.80	0.33	5.46	1602.	55.	3.
1181	0000	-907	37.3679	81.3033	PPNR	1.2	1.9	6.4	1.63	0.30	5.46	1535.	55.	4.
1182	0000	-908	37.3679	81.3027	PPNR	1.1	1.8	6.2	1.66	0.29	5.65	1460.	56.	4.
1183	0000	-910	37.3679	81.3021	PPNR	1.0	1.7	6.2	1.68	0.28	6.06	1406.	58.	5.
1184	0000	-910	37.3679	81.3015	PPNR	1.0	1.6	6.0	1.55	0.26	5.87	1372.	57.	5.
1185	0000	-908	37.3679	81.3009	PPNR	1.0	1.4	6.0	1.43	0.24	6.07	1344.	57.	6.
1186	0000	-907	37.3679	81.3003	PPNR	0.9	1.5	5.8	1.60	0.26	6.25	1308.	56.	6.
1187	0000	-905	37.3678	81.2998	PPP	0.9	1.4	5.6	1.57	0.25	6.30	1263.	60.	7.
1188	0000	-907	37.3678	81.2991	PPP	0.9	1.4	5.5	1.65	0.26	6.40	1245.	57.	8.
1189	0000	-911	37.3678	81.2985	PPP	0.8	1.4	5.2	1.64	0.26	6.21	1242.	58.	8.
1190	0000	-912	37.3678	81.2980	PPP	0.8	1.3	5.4	1.55	0.24	6.40	1236.	55.	9.
1191	0000	-912	37.3678	81.2973	PPP	0.8	1.2 -	5.3	1.45	0.22	6.54	1218.	57.	10.
1192	0000	-913	37.3678	81.2967	PPP	0.8	1.3	5.3	1.78	0.25	7.07	1215.	55.	9.
1193	0000	-913	37.3678	81.2962	PPP	0.8	1.3	5.3	1.62	0.24	6.61	1239.	54.	10.
1194	0000	-913	37.3678	81.2955	PPP	0.8	1.2 -	5.6	1.45	0.21 -	6.85	1279.	52.	10.
1195	0000	-914	37.3678	81.2949	PPP	0.9	1.0 -	6.0	1.13 -	0.17 -	6.47	1332.	52.	11.
1196	0000	-914	37.3678	81.2944	PPP	1.0	1.0 -	6.3	0.95 --	0.15 --	6.14	1411.	49.	11.
1197	0000	-912	37.3678	81.2937	PPP	1.1	1.1 -	6.6	0.94 --	0.16 --	5.84	1506.	49.	11.
1198	0000	-915	37.3678	81.2932	PPP	1.2	1.1 -	6.5	0.94 --	0.18 -	5.28 -	1580.	51.	11.
1199	0000	-918	37.3678	81.2925	PPP	1.3	0.9 -	6.8	0.71 --	0.14 --	5.15 -	1624.	51.	11.
1200	0000	-917	37.3677	81.2920	PPP	1.4	1.0 -	6.9	0.72 --	0.14 --	5.06 -	1658.	52.	11.
1201	0000	-916	37.3677	81.2914	PPP	1.4	0.9 -	6.8	0.67 ---	0.14 --	4.96 -	1660.	52.	11.
1202	0000	-918	37.3677	81.2907	PPP	1.3	1.1 -	6.9	0.87 --	0.16 --	5.49	1619.	55.	11.
1203	0000	-918	37.3677	81.2901	PPP	1.2	1.2 -	6.6	1.01 -	0.19 -	5.42	1570.	57.	9.
1204	0000	-918	37.3677	81.2896	PPP	1.1	1.3	6.1	1.19 -	0.22	5.42	1487.	59.	9.
1205	0000	-919	37.3677	81.2889	PPP	1.0	1.3 -	6.3	1.21 -	0.20 -	6.14	1412.	58.	8.
1206	0000	-918	37.3677	81.2883	PPP	0.9	1.4	5.7	1.48	0.24	6.04	1349.	61.	8.
1207	0000	-918	37.3677	81.2878	PPP	0.9	1.3 -	5.6	1.50	0.23	6.50	1269.	61.	7.
1208	0000	-918	37.3677	81.2872	PPP	0.8	1.5	5.5	1.75	0.27	6.56	1251.	60.	6.
1209	0000	-920	37.3677	81.2865	PPP	0.9	1.5	5.5	1.75	0.28	6.18	1263.	58.	5.
1210	0000	-920	37.3677	81.2860	PPP	0.9	1.6	5.6	1.80	0.29	6.29	1288.	61.	4.
1211	0000	-919	37.3677	81.2854	PPP	1.0	1.5	6.5	1.54	0.23	6.56	1365.	59.	4.
1212	0000	-921	37.3677	81.2847	PPP	1.1	1.6	6.9	1.43	0.24	6.05	1464.	60.	3.
1213	0000	-922	37.3677	81.2842	PPP	1.3	1.8	7.1	1.43	0.26	5.56	1551.	60.	1.
1214	0000	-922	37.3676	81.2836	PPP	1.4	2.0	7.6	1.46	0.26	5.52	1644.	60.	1.
1215	0000	-922	37.3676	81.2831	PPP	1.4 +	2.3	7.3	1.61	0.31	5.19 -	1688.	61.	0.
1216	0000	-921	37.3676	81.2824	PPP	1.4 +	2.5 +	7.4	1.79	0.34	5.28 -	1744.	62.	0.
1217	0000	-921	37.3676	81.2818	PPP	1.4 +	2.6 +	7.4	1.85	0.35	5.31 -	1738.	60.	0.
1218	0000	-924	37.3676	81.2812	PPP	1.3	2.6 +	6.6	1.95	0.39 +	5.02 -	1669.	61.	1.
1219	0000	-923	37.3676	81.2806	PPP	1.2	2.4 +	6.1	2.01	0.40 +	5.08 -	1580.	61.	1.
1220	0000	-922	37.3676	81.2800	PPP	1.1	2.4	6.1	2.16	0.38 +	5.64	1503.	58.	2.
1221	0000	-926	37.3676	81.2794	PPP	1.0	2.3	5.9	2.32	0.38 +	6.04	1442.	58.	2.
1222	0000	-927	37.3676	81.2788	PPP	1.0	2.2	6.1	2.17	0.36 +	6.03	1441.	59.	3.
1223	0000	-925	37.3676	81.2782	PPP	1.1	1.9	6.1	1.74	0.32	5.45	1436.	59.	5.
1224	0000	-926	37.3676	81.2776	PPP	1.2	1.8	6.1	1.54	0.29	5.24 -	1455.	59.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT.	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-926	37.3676	81.2771		PPP	1.2	1.8	6.3	1.51	0.29	5.15 -	1481.	58.	6.
1226	0000	-925	37.3676	81.2764		PPP	1.3	2.1	6.4	1.69	0.33	5.09 -	1519.	55.	5.
1227	0000	-925	37.3675	81.2758		PPP	1.4	1.9	6.7	1.41	0.28	4.95 -	1561.	56.	6.
1228	0000	-926	37.3675	81.2753		PPP	1.4	1.9	6.7	1.36	0.28	4.86 -	1586.	54.	6.
1229	0000	-926	37.3675	81.2746		MBP	1.3 ++	1.7	7.1	1.27 -	0.24	5.34 --	1584.	53.	5.
1230	0000	-927	37.3675	81.2740		MBP	1.3 ++	1.9	7.0	1.47 -	0.27	5.52 -	1568.	52.	4.
1231	0000	-927	37.3675	81.2735		MBP	1.2 +	1.9	6.9	1.61	0.27	5.89 -	1527.	50.	3.
1232	0000	-926	37.3675	81.2729		MBP	1.1 +	1.9	6.6	1.67	0.28	5.95 -	1490.	50.	3.
1233	0000	-926	37.3675	81.2722		MBP	1.1 +	1.7	6.5	1.62	0.26	6.13 -	1444.	51.	3.
1234	0000	-929	37.3675	81.2717		MBP	1.0 +	1.9	6.2	1.85	0.30	6.14 -	1418.	52.	2.
1235	0000	-929	37.3675	81.2711		MBP	1.0 +	1.9	6.1	1.83	0.31	5.88 -	1428.	52.	2.
1236	0000	-925	37.3675	81.2704		MBP	1.1 +	2.1	6.2	1.95	0.34	5.80 -	1465.	51.	2.
1237	0000	-926	37.3675	81.2699		MBP	1.2 +	2.0	6.6	1.69	0.30	5.63 -	1528.	52.	2.
1238	0000	-930	37.3675	81.2693		PPP	1.3	2.0	6.9	1.54	0.29	5.35 -	1621.	53.	1.
1239	0000	-930	37.3675	81.2686		PPP	1.4	2.1	7.3	1.51	0.28	5.35 -	1680.	54.	1.
1240	0000	-930	37.3675	81.2681		PPP	1.3	2.2	7.4	1.68	0.29	5.73	1685.	53.	1.
1241	0000	-929	37.3674	81.2675		PPP	1.3	2.3	7.6	1.80	0.30	5.94	1680.	51.	1.
1242	0000	-928	37.3674	81.2669		PPP	1.2	2.3	7.7	1.85	0.30	6.14	1652.	52.	2.
1243	0000	-929	37.3674	81.2663		PPP	1.2	2.0	7.2	1.72	0.28	6.20	1558.	51.	3.
1244	0000	-930	37.3674	81.2657		PPP	1.0	1.8	6.9	1.82	0.27	6.86	1437.	53.	4.
1245	0000	-929	37.3674	81.2651		PPP	0.9	1.6	6.2	1.70	0.25	6.74	1327.	51.	5.
1246	0000	-929	37.3674	81.2645		PPP	0.9	1.3	5.9	1.50	0.22	6.86	1260.	50.	6.
1247	0000	-929	37.3674	81.2639		PPP	0.9	1.0 -	5.9	1.08 -	0.17 -	6.38	1247.	54.	8.
1248	0000	-928	37.3674	81.2633		PPP	0.9	0.9 -	6.0	0.96 --	0.15 --	6.45	1254.	55.	8.
1249	0000	-929	37.3674	81.2627		PPP	0.9	0.9 -	6.0	0.92 --	0.14 --	6.47	1263.	55.	8.
1250	0000	-929	37.3674	81.2621		PPP	1.0	1.2 -	6.0	1.22 -	0.20 -	6.23	1290.	55.	7.
1251	0000	-928	37.3674	81.2615		PPP	1.0	1.3	5.9	1.35	0.22	6.06	1335.	54.	7.
1252	0000	-930	37.3674	81.2609		MBP	0.9	1.6	6.2	1.71	0.26	6.68 -	1368.	56.	6.
1253	0000	-932	37.3674	81.2603		MBP	0.9	2.0	6.5	2.13	0.31	6.88 -	1409.	56.	4.
1254	0000	-930	37.3673	81.2597		MBP	1.0	2.2 +	6.3	2.27	0.34	6.59 -	1446.	53.	3.
1255	0000	-929	37.3673	81.2591		MBP	0.9	2.2 +	6.5	2.33	0.33	6.97	1446.	53.	3.
1256	0000	-930	37.3673	81.2586		MBP	0.9	2.0	6.5	2.36	0.31	7.50	1425.	52.	2.
1257	0000	-931	37.3673	81.2579		MBP	0.8	1.8	6.7	2.18	0.27	8.01	1399.	52.	2.
1258	0000	-929	37.3673	81.2574		MBP	0.8	1.8	6.4	2.22	0.27	8.14	1356.	54.	1.
1259	0000	-930	37.3673	81.2567		PPP	0.8	1.6	6.4	2.01	0.26	7.79	1341.	55.	1.
1260	0000	-932	37.3673	81.2561		PPP	0.8	1.5	6.6	1.78	0.22	7.93 +	1332.	55.	1.
1261	0000	-932	37.3673	81.2556		PPP	0.8	1.6	6.8	1.94	0.23	8.33 +	1340.	55.	1.
1262	0000	-932	37.3673	81.2550		PPP	0.9	1.6	7.0	1.71	0.23	7.55	1377.	54.	1.
1263	0000	-931	37.3673	81.2543		PPP	1.0	1.7	7.1	1.79	0.24	7.38	1399.	55.	2.
1264	0000	-930	37.3673	81.2537		PPP	1.0	1.8	6.8	1.80	0.26	6.95	1414.	55.	3.
1265	0000	-932	37.3673	81.2532		PPP	1.0	1.8	7.0	1.77	0.25	6.94	1426.	53.	4.
1266	0000	-932	37.3673	81.2526		PPP	1.0	1.6	7.1	1.60	0.23	6.98	1415.	50.	5.
1267	0000	-929	37.3673	81.2519		PPP	1.0	1.4	6.6	1.39	0.21 -	6.70	1380.	51.	7.
1268	0000	-930	37.3672	81.2514		PPP	1.0	1.2 -	6.3	1.20 -	0.19 -	6.48	1342.	51.	9.
1269	0000	-930	37.3672	81.2508		PPP	0.9	1.1 -	6.4	1.21 -	0.17 --	7.26	1303.	53.	10.
1270	0000	-930	37.3672	81.2502		PPP	0.9	1.1 -	6.2	1.17 -	0.17 -	6.93	1334.	52.	12.
1271	0000	-931	37.3672	81.2495		PPP	0.9	1.1 -	6.5	1.11 -	0.16 --	6.93	1391.	54.	13.
1272	0000	-930	37.3672	81.2490		PPP	1.0	1.1 -	6.6	1.12 -	0.16 --	6.83	1434.	58.	14.
1273	0000	-928	37.3672	81.2484		PPP	1.0	1.2 -	6.8	1.25 -	0.17 -	7.18	1464.	58.	14.
1274	0000	-929	37.3672	81.2477		PPP	1.0	1.4	6.9	1.43	0.20 -	7.07	1508.	58.	13.
1275	0000	-930	37.3672	81.2472		MBP	1.0	1.4	7.0	1.45 -	0.20	7.18	1531.	58.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-927	37.3672	81.2466	MBP	1.0 +	1.5	6.5	1.57 -	0.24	6.58 -	1536.	58.	11.
1277	0000	-925	37.3672	81.2459	MBP	1.0 +	1.5	6.5	1.50 -	0.23	6.56 -	1525.	58.	9.
1278	0000	-926	37.3672	81.2454	MBP	1.0 +	1.5	6.6	1.48 -	0.22	6.73 -	1509.	54.	8.
1279	0000	-927	37.3672	81.2448	MBP	0.9	1.5	6.7	1.58	0.22	7.14	1494.	52.	7.
1280	0000	-927	37.3672	81.2441	MBP	1.0 +	1.5	7.1	1.49 -	0.21	7.21	1505.	52.	6.
1281	0000	-927	37.3671	81.2436	MBP	0.9	1.5	7.7 +	1.64	0.20	8.08	1524.	52.	6.
1282	0000	-926	37.3671	81.2430	MBP	1.0 +	1.5	7.6 +	1.49 -	0.20 -	7.60	1509.	52.	6.
1283	0000	-926	37.3671	81.2424	MBP	0.9	1.6	7.8 +	1.76	0.20	8.63	1476.	50.	5.
1284	0000	-926	37.3671	81.2418	MBP	0.8	1.6	7.3	1.95	0.22	8.81	1399.	51.	5.
1285	0000	-925	37.3671	81.2412	MBP	0.7	1.8	6.9	2.41	0.26	9.29	1346.	55.	5.
1286	0000	-923	37.3671	81.2406	MBP	0.8	1.7	6.8	2.17	0.24	8.94	1324.	58.	5.
1287	0000	-923	37.3671	81.2400	MBP	0.7	1.6	6.4	2.16	0.25	8.67	1308.	59.	5.
1288	0000	-923	37.3671	81.2394	MBP	0.8	1.4	6.2	1.82	0.23	7.81	1289.	61.	5.
1289	0000	-922	37.3671	81.2388	MBP	0.7	1.7	6.4	2.31	0.26	8.80	1316.	61.	4.
1290	0000	-922	37.3671	81.2382	MBP	0.8	1.6	6.0	1.90	0.26	7.24	1344.	63.	5.
1291	0000	-923	37.3671	81.2376	MBP	0.9	1.4	6.4	1.61	0.22	7.23	1398.	63.	6.
1292	0000	-923	37.3671	81.2370	MBP	1.0 +	1.3	7.0	1.30 -	0.19 -	6.84 -	1463.	61.	6.
1293	0000	-920	37.3671	81.2364	MBP	1.0 +	1.4	7.0	1.32 -	0.19 -	6.80 -	1495.	58.	7.
1294	0000	-920	37.3670	81.2358	MBP	1.0 +	1.5	7.4	1.49 -	0.20 -	7.50	1498.	55.	7.
1295	0000	-922	37.3670	81.2352	MBP	1.0	1.5	7.3	1.56 -	0.21	7.59	1480.	53.	8.
1296	0000	-921	37.3670	81.2347	MBP	1.0 +	1.5	7.0	1.48 -	0.21	7.05	1466.	54.	9.
1297	0000	-919	37.3670	81.2340	MBP	1.0	1.4	7.5 +	1.48 -	0.19 -	7.88	1474.	54.	9.
1298	0000	-919	37.3670	81.2334	MBP	1.0	1.6	7.6 +	1.68	0.21	8.00	1473.	52.	8.
1299	0000	-920	37.3670	81.2329	MBP	0.9	1.7	7.2	1.95	0.24	8.10	1438.	50.	7.
1300	0000	-919	37.3670	81.2323	MBP	0.9	1.8	7.0	1.97	0.25	7.79	1420.	49.	6.
1301	0000	-918	37.3670	81.2316	MBP	0.9	1.8	6.5	1.97	0.28	7.02	1417.	50.	6.
1302	0000	-918	37.3670	81.2311	MBP	0.9	1.8	6.7	1.97	0.27	7.24	1430.	50.	5.
1303	0000	-917	37.3670	81.2305	MBP	0.9	1.8	7.3	1.96	0.24	8.03	1425.	50.	5.
1304	0000	-917	37.3670	81.2298	MBP	0.9	1.9	7.2	2.09	0.26	7.99	1407.	49.	4.
1305	0000	-917	37.3670	81.2293	MBP	0.9	1.7	7.1	1.97	0.24	8.19	1386.	49.	4.
1306	0000	-917	37.3670	81.2287	MBP	0.8	1.5	7.2	1.80	0.21	8.53	1360.	49.	4.
1307	0000	-914	37.3670	81.2281	MBP	0.8	1.5	7.2	1.77	0.21	8.58	1345.	52.	5.
1308	0000	-911	37.3669	81.2275	MBP	0.9	1.5	7.2	1.70	0.20	8.46	1333.	50.	5.
1309	0000	-912	37.3669	81.2269	MBP	0.9	1.5	6.9	1.71	0.21	8.01	1315.	52.	5.
1310	0000	-913	37.3669	81.2263	MBP	0.9	1.5	6.3	1.71	0.24	7.09	1302.	50.	5.
1311	0000	-911	37.3669	81.2257	MBP	0.9	1.6	6.3	1.74	0.25	6.96	1325.	49.	5.
1312	0000	-910	37.3669	81.2251	MBP	0.9	1.7	6.3	1.76	0.26	6.65 -	1334.	52.	5.
1313	0000	-910	37.3669	81.2245	MBP	1.0	1.9	6.2	1.96	0.30	6.53 -	1356.	52.	5.
1314	0000	-909	37.3669	81.2239	MH	1.0	1.7	6.3	1.77	0.27	6.59	1346.	52.	5.
1315	0000	-909	37.3669	81.2233	MH	0.9	1.6	5.9	1.73	0.28	6.22 -	1311.	54.	6.
1316	0000	-908	37.3669	81.2227	MH	0.9	1.6	5.5	1.85	0.29	6.41 -	1263.	53.	6.
1317	0000	-906	37.3669	81.2221	MH	0.8	1.5	5.4	1.89	0.28	6.65	1219.	52.	6.
1318	0000	-907	37.3669	81.2216	MH	0.7	1.4	4.9 -	1.98	0.30	6.70	1124.	54.	6.
1319	0000	-906	37.3670	81.2210	MH	0.6	1.4	4.3 -	2.22	0.33	6.84	1038.	53.	5.
1320	0000	-904	37.3670	81.2203	MH	0.5 -	1.4	4.0 -	2.53	0.34	7.51	953.	53.	5.
1321	0000	-905	37.3670	81.2198	MH	0.5 -	1.5	3.8 --	3.04	0.41 +	7.50	909.	54.	4.
1322	0000	-904	37.3670	81.2192	MH	0.4 -	1.5	3.9 -	3.32	0.37 +	8.89	881.	53.	3.
1323	0000	-903	37.3671	81.2186	MH	0.4 -	1.5	4.1 -	3.64 +	0.37 +	9.76	866.	52.	2.
1324	0000	-903	37.3671	81.2180	MH	0.4 -	1.6	4.0 -	4.06 +	0.39 +	10.27	844.	53.	2.
1325	0000	-901	37.3671	81.2175	MH	0.4 -	1.4	4.1 -	3.86 +	0.36 +	10.84 +	831.	54.	2.
1326	0000	-899	37.3671	81.2168	MH	0.4 -	1.4	4.4 -	3.82 +	0.31	12.16 +	827.	56.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-900	37.3671	81.2162		MH	0.4 -	1.3 -	4.3 -	3.33	0.29	11.51 +	846.	57.	3.
1328	0000	-901	37.3671	81.2157		MH	0.3 -	1.3	4.5 -	3.94 +	0.29	13.55 +	843.	56.	3.
1329	0000	-899	37.3671	81.2151		MH	0.3 -	1.5	4.5 -	4.89 +	0.33	15.04 ++	836.	55.	3.
1330	0000	-897	37.3671	81.2145		MH	0.3 -	1.3	4.6 -	4.09 +	0.29	14.09 ++	827.	57.	3.
1331	0000	-895	37.3671	81.2139		MH	0.3 -	1.3	5.0 -	4.12 +	0.26	15.64 ++	829.	56.	4.
1332	0000	-897	37.3672	81.2133		MH	0.3 -	1.3	4.8 -	4.01 +	0.28	14.32 ++	846.	57.	4.
1333	0000	-897	37.3672	81.2127		MH	0.3 -	1.5	4.6 -	4.71 +	0.33	14.49 ++	865.	54.	5.
1334	0000	-893	37.3672	81.2121		MH	0.3 -	1.3	4.7 -	3.75 +	0.28	13.46 +	865.	54.	6.
1335	0000	-893	37.3672	81.2116		MH	0.4 -	1.1 -	4.5 -	2.92	0.25	11.63 +	866.	54.	7.
1336	0000	-893	37.3672	81.2110		MH	0.4 -	1.1 -	4.3 -	2.77	0.24	11.41 +	876.	56.	8.
1337	0000	-891	37.3672	81.2103		MH	0.4 -	0.9 -	4.1 -	2.18	0.22	10.04	886.	56.	9.
1338	0000	-890	37.3672	81.2098		MH	0.4 -	0.8 -	4.2 -	1.96	0.19 -	10.19	898.	57.	10.
1339	0000	-889	37.3672	81.2092		MH	0.4 -	0.8 -	4.4 -	1.90	0.19 -	10.49	896.	55.	9.
1340	0000	-888	37.3673	81.2086		MH	0.4 -	0.7 --	4.3 -	1.62	0.17 -	9.78	888.	57.	9.
1341	0000	-887	37.3673	81.2080		MH	0.4 -	0.8 -	4.2 -	1.93	0.19 -	10.08	866.	54.	8.
1342	0000	-887	37.3673	81.2075		MH	0.4 -	0.9 -	4.3 -	2.15	0.20	10.51	860.	55.	7.
1343	0000	-889	37.3673	81.2068		MH	0.4 -	1.0 -	4.3 -	2.36	0.22	10.62	849.	56.	5.
1344	0000	-890	37.3673	81.2062		MH	0.3 -	1.2 -	4.1 -	3.65 +	0.30	12.15 +	837.	55.	3.
1345	0000	-890	37.3673	81.2057		MH	0.3 -	1.4	3.8 --	4.09 +	0.36 +	11.38 +	826.	57.	2.
1346	0000	-890	37.3674	81.2051		MH	0.3 -	1.6	3.5 --	4.89 +	0.44 +	11.02 +	833.	58.	2.
1347	0000	-889	37.3674	81.2045		MH	0.3 -	1.6	3.5 --	5.23 ++	0.46 ++	11.39 +	832.	57.	1.
1348	0000	-890	37.3674	81.2039		MH	0.3 -	1.7	3.7 --	5.55 ++	0.46 ++	12.15 +	852.	57.	0.
1349	0000	-890	37.3674	81.2033		MH	0.3 -	1.6	3.9 -	5.53 ++	0.40 +	13.78 +	859.	59.	1.
1350	0000	-889	37.3674	81.2027		MH	0.3 -	1.4	4.0 -	4.16 +	0.34 +	12.12 +	871.	60.	2.
1351	0000	-889	37.3674	81.2021		MH	0.3 -	1.2 -	4.3 -	3.46 +	0.28	12.50 +	890.	58.	4.
1352	0000	-888	37.3674	81.2016		MH	0.4 -	1.2 -	4.4 -	3.04	0.26	11.48 +	909.	58.	5.
1353	0000	-887	37.3674	81.2010		MH	0.4 -	0.9 -	4.8 -	2.36	0.18 -	12.79 +	922.	58.	6.
1354	0000	-886	37.3675	81.2003		MH	0.4 -	0.9 -	5.1 -	2.11	0.17 -	12.22 +	942.	58.	6.
1355	0000	-886	37.3675	81.1998		MH	0.4 -	0.8 --	5.1 -	1.82	0.15 -	11.77 +	954.	58.	7.
1356	0000	-886	37.3675	81.1992		MH	0.5 -	1.0 -	4.9 -	2.14	0.20 -	10.98 +	976.	56.	6.
1357	0000	-884	37.3675	81.1986		MH	0.5 -	1.1 -	5.3	2.35	0.21	11.20 +	1016.	55.	5.
1358	0000	-883	37.3675	81.1980		MH	0.5 -	1.3	5.4	2.62	0.24	10.99 +	1060.	56.	4.
1359	0000	-884	37.3676	81.1974		MH	0.5 -	1.2 -	5.9	2.36	0.21	11.17 +	1097.	56.	4.
1360	0000	-882	37.3676	81.1968		MH	0.6	1.3	6.2	2.18	0.21	10.24	1147.	54.	4.
1361	0000	-881	37.3676	81.1962		MH	0.6	1.5	6.5	2.38	0.23	10.28	1201.	53.	4.
1362	0000	-883	37.3676	81.1956		MH	0.7	1.5	6.7	2.20	0.23	9.48	1253.	55.	3.
1363	0000	-883	37.3676	81.1951		MBF-2	0.7 -	1.6	6.5	2.38	0.25	9.42 +	1269.	54.	3.
1364	0000	-883	37.3676	81.1945		MBF-2	0.6 -	1.6	6.3	2.45 +	0.25	9.84 ++	1243.	55.	4.
1365	0000	-884	37.3676	81.1939		MBF-2	0.6 -	1.4 -	6.1	2.19	0.23	9.50 ++	1206.	55.	5.
1366	0000	-884	37.3676	81.1933		MBF-2	0.6 -	1.4	5.8 -	2.32	0.24	9.47 +	1176.	55.	5.
1367	0000	-882	37.3676	81.1927		MBF-1	0.6 +	1.5	5.4	2.64	0.27	9.66	1148.	55.	5.
1368	0000	-882	37.3677	81.1921		MBF-1	0.6 +	1.3	4.9	2.40	0.27	8.93	1112.	56.	6.
1369	0000	-881	37.3677	81.1915		MBF-1	0.5	1.3	4.8	2.69	0.28	9.66	1056.	57.	7.
1370	0000	-881	37.3677	81.1910		MBF-1	0.5	1.3	4.6	2.73	0.29	9.42	1004.	58.	7.
1371	0000	-880	37.3677	81.1903		MBF-1	0.5	1.2	4.5	2.61	0.27	9.50	972.	57.	7.
1372	0000	-880	37.3677	81.1897		MBF-1	0.4	1.3	4.3	3.05	0.31	9.82	945.	55.	7.
1373	0000	-880	37.3677	81.1892		MBF-1	0.4	1.3	3.9	3.16	0.32	9.82	897.	55.	7.
1374	0000	-879	37.3677	81.1886		MBF-1	0.4	1.1	3.3	3.18	0.34	9.27	827.	55.	8.
1375	0000	-875	37.3677	81.1880		MBF-1	0.3	1.0	3.1	3.44	0.34	10.24	765.	54.	8.
1376	0000	-876	37.3677	81.1874		MBF-1	0.2 -	0.8 -	2.6 -	3.39	0.33	10.44	696.	55.	9.
1377	0000	-877	37.3678	81.1868		MBF-1	0.2 -	0.6 -	2.8 -	2.70	0.21 -	12.88	665.	53.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-875	37.3678	81.1862	MBF-1	0.2 -	0.5 -	2.4 -	2.33 -	0.21 -	11.16	626.	55.	11.
1379	0000	-875	37.3678	81.1856	MBF-1	0.2 -	0.4 --	2.2 -	1.66 -	0.17 --	8.88	591.	59.	11.
1380	0010	-876	37.3678	81.1851	MBF-1	0.2 -	0.3 N.A.	2.4 -	1.44 N.A.	0.12 N.A.	11.54	586.	59.	11.
1381	0000	-876	37.3679	81.1845	MBF-1	0.2 -	0.3 --	2.6 -	1.53 --	0.13 ---	11.88	601.	59.	10.
1382	0000	-876	37.3679	81.1838	MBF-1	0.2 -	0.4 --	2.6 -	1.65 -	0.16 --	10.47	625.	63.	11.
1383	0000	-876	37.3679	81.1833	MBF-1	0.3	0.4 -	3.1	1.38 --	0.14 --	8.72	597.	62.	10.
1384	0000	-874	37.3679	81.1827	MBF-1	0.4	0.6 -	3.4	1.58 --	0.18 --	8.95	755.	65.	9.
1385	0000	-873	37.3679	81.1821	MBF-1	0.4	0.9 -	3.8	2.03 -	0.23 -	8.97	844.	64.	7.
1386	0000	-874	37.3679	81.1815	MBF-1	0.5	1.1	4.4	2.15 -	0.24 -	9.00	932.	63.	6.
1387	0000	-874	37.3679	81.1810	MBF-1	0.6 +	1.2	4.8	2.22 -	0.26	8.57	1010.	61.	4.
1388	0000	-872	37.3679	81.1803	MBF-1	0.6 +	1.4	5.0	2.34 -	0.28	8.46	1069.	62.	3.
1389	0000	-871	37.3679	81.1797	MBF-1	0.6 +	1.4	5.4	2.30 -	0.25	9.01	1116.	57.	2.
1390	0000	-870	37.3680	81.1792	MBF-1	0.6 +	1.5	5.9 +	2.50	0.25	10.06	1129.	61.	0.
1391	0000	-868	37.3680	81.1786	MBF-2	0.6 -	1.4	6.0 -	2.24	0.24	9.46 +	1148.	57.	1.
1392	0000	-868	37.3680	81.1780	MBF-2	0.6 -	1.3 -	5.7 -	2.03	0.23	8.75 +	1124.	57.	1.
1393	0000	-868	37.3680	81.1774	MBF-1	0.6 +	1.4	5.3	2.38 -	0.27	8.83	1091.	57.	2.
1394	0000	-868	37.3680	81.1768	MBF-1	0.5 +	1.5	4.9	2.81	0.31	9.08	1042.	57.	2.
1395	0000	-868	37.3680	81.1762	MBF-1	0.5 +	1.3	4.7	2.50	0.28	8.95	997.	59.	3.
1396	0000	-866	37.3680	81.1756	MBF-1	0.5	1.1	4.3	2.29 -	0.27	8.60	937.	61.	4.
1397	0000	-865	37.3680	81.1751	MBF-1	0.4	1.2	3.3	2.67	0.36	7.39 -	877.	60.	5.
1398	0000	-865	37.3680	81.1745	MBF-1	0.3	1.1	2.8 -	3.17	0.40	7.94 -	794.	63.	6.
1399	0000	-864	37.3681	81.1738	MBF-1	0.3	1.0	2.6 -	3.51	0.39	8.94	738.	62.	6.
1400	0000	-863	37.3681	81.1733	MBF-1	0.3 -	0.8 -	2.4 -	3.28	0.34	9.65	683.	62.	6.
1401	0000	-863	37.3681	81.1727	MBF-1	0.3 -	0.7 -	2.3 -	2.55	0.30	8.59	646.	61.	6.
1402	0000	-863	37.3681	81.1721	MBF-1	0.2 -	0.6 -	2.3 -	2.42	0.26	9.46	602.	59.	5.
1403	0000	-862	37.3682	81.1715	MBF-1	0.2 -	0.7 -	2.2 -	3.01	0.30	9.92	563.	62.	4.
1404	0000	-863	37.3682	81.1710	MBF-1	0.2 -	0.6 -	2.4 -	2.43	0.24 -	10.22	536.	62.	3.
1405	0000	-864	37.3682	81.1703	MBF-1	0.3 -	0.7 -	2.5 -	2.64	0.26	9.99	532.	59.	2.
1406	0000	-862	37.3682	81.1697	MBF-1	0.2 -	0.7 -	2.6 -	2.88	0.27	10.56	534.	61.	2.
1407	0000	-863	37.3682	81.1692	MH	0.2 -	0.6 --	2.7 --	2.48	0.23	10.63	539.	62.	3.
1408	0000	-861	37.3682	81.1686	MH	0.3 -	0.5 --	2.7 --	1.73	0.18 -	9.76	544.	63.	3.
1409	0000	-859	37.3682	81.1680	MH	0.3 -	0.6 --	2.7 --	2.15	0.23	9.28	562.	64.	3.
1410	0000	-861	37.3682	81.1674	MH	0.3 -	0.7 --	2.7 --	2.14	0.25	8.54	592.	63.	3.
1411	0000	-861	37.3682	81.1668	MH	0.3 -	0.8 --	2.7 --	2.54	0.28	8.94	641.	61.	4.
1412	0000	-859	37.3683	81.1662	MH	0.3 -	0.8 -	3.0 --	2.82	0.27	10.36	676.	59.	4.
1413	0000	-860	37.3683	81.1656	MH	0.3 -	0.7 --	3.3 --	2.38	0.21	11.34 +	693.	61.	5.
1414	0000	-860	37.3683	81.1651	MH	0.3 -	0.6 --	3.5 --	1.99	0.18 -	11.00 +	730.	60.	5.
1415	0000	-858	37.3683	81.1645	MH	0.3 -	0.8 --	3.7 --	2.45	0.21	11.78 +	769.	60.	6.
1416	0000	-859	37.3683	81.1638	MH	0.3 -	0.8 --	4.2 -	2.51	0.18 -	13.79 +	818.	59.	7.
1417	0000	-860	37.3683	81.1633	MH	0.3 -	0.6 --	4.3 -	1.71	0.13 --	12.74 +	854.	56.	9.
1418	0000	-860	37.3683	81.1627	MH	0.3 -	0.5 --	4.5 -	1.36 -	0.10 ---	13.13 +	876.	57.	10.
1419	0000	-859	37.3683	81.1621	MH	0.4 -	0.4 --	4.4 -	1.18 -	0.10 ---	11.75 +	906.	58.	10.
1420	0000	-858	37.3683	81.1615	MH	0.4 -	0.5 --	4.4 -	1.25 -	0.11 ---	10.95 +	934.	59.	11.
1421	0000	-857	37.3684	81.1610	MH	0.4 -	0.6 --	4.6 -	1.53	0.14 --	11.09 +	963.	61.	11.
1422	0000	-857	37.3684	81.1603	MH	0.4 -	0.6 --	5.1 -	1.51	0.12 --	12.18 +	993.	62.	11.
1423	0000	-856	37.3684	81.1597	MH	0.5 -	0.7 --	4.9 -	1.36 -	0.13 --	10.23	1021.	61.	11.
1424	0000	-856	37.3684	81.1592	MH	0.5	0.9 -	5.5	1.63	0.16 -	10.18	1080.	61.	10.
1425	0000	-856	37.3685	81.1586	MH	0.6	1.1 -	5.4	1.85	0.21	8.87	1115.	61.	10.
1426	0000	-854	37.3685	81.1580	MH	0.6	1.1 -	5.7	1.71	0.19 -	8.93	1143.	59.	10.
1427	0000	-855	37.3685	81.1574	MH	0.7	1.1 -	6.0	1.63	0.18 -	9.01	1166.	59.	9.
1428	0000	-854	37.3685	81.1568	MH	0.7	1.2 -	5.7	1.78	0.22	8.26	1171.	56.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293 PAGE 520

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-852	37.3685	81.1562	MH	0.7	1.3	5.8	1.88	0.22	8.53	1173.	53.	7.
1430	0000	-852	37.3685	81.1556	MH	0.7	1.3	5.8	1.78	0.22	8.10	1180.	54.	7.
1431	0000	-852	37.3685	81.1551	MH	0.7	1.4	5.6	2.07	0.25	8.11	1188.	56.	5.
1432	0000	-851	37.3685	81.1545	MH	0.7	1.5	5.8	2.10	0.26	8.05	1199.	55.	4.
1433	0000	-849	37.3685	81.1538	MH	0.8	1.7	5.7	2.18	0.29	7.48	224.	55.	4.
1434	0000	-850	37.3686	81.1533	MH	0.8	1.8	5.6	2.31	0.33	7.03	1257.	54.	3.
1435	0000	-850	37.3686	81.1527	MH	0.8	1.9	6.1	2.36	0.31	7.70	1301.	55.	3.
1436	0000	-848	37.3686	81.1521	MH	0.9	1.8	6.2	2.06	0.30	6.97	1333.	56.	3.
1437	0000	-848	37.3686	81.1515	MH	0.9	1.9	6.5	2.16	0.29	7.36	1363.	54.	3.
1438	0000	-849	37.3686	81.1509	MH	0.9	1.9	6.2	2.10	0.30	6.96	1363.	55.	4.
1439	0000	-849	37.3687	81.1503	MH	0.9	1.8	6.3	2.02	0.29	6.95	1402.	54.	4.
1440	0000	-848	37.3687	81.1497	MH	0.9	1.7	6.4	1.88	0.27	6.97	1397.	55.	4.
1441	0000	-846	37.3687	81.1490	MH	0.9	1.7	6.7	1.86	0.26	7.15	1415.	55.	5.
1442	0000	-846	37.3687	81.1483	MH	1.0	1.6	6.7	1.65	0.24	6.95	1421.	54.	5.
1443	0000	-848	37.3687	81.1477	MH	0.9	1.7	6.4	1.75	0.26	6.74	1418.	54.	5.
1444	0000	-847	37.3687	81.1470	MH	1.0	1.6	6.3	1.61	0.25	6.40 -	1421.	54.	5.
1445	0000	-847	37.3687	81.1464	MH	1.0	1.7	6.6	1.68	0.25	6.58	1457.	53.	5.
1446	0000	-847	37.3687	81.1458	MH	1.0	1.5	6.9	1.49	0.22	6.92	1448.	54.	5.
1447	0000	-846	37.3687	81.1452	MH	1.0	1.5	6.7	1.50	0.23	6.57	1456.	54.	5.
1448	0000	-846	37.3687	81.1445	MH	1.0	1.4	6.6	1.40 -	0.22	6.52	1451.	53.	5.
1449	0000	-848	37.3687	81.1439	MH	1.1	1.5	6.7	1.41 -	0.23	6.27 -	1453.	54.	4.
1450	0000	-847	37.3687	81.1432	MH	1.0	1.8	6.8	1.68	0.26	6.44 -	1457.	55.	3.
1451	0000	-843	37.3687	81.1426	MH	1.0	1.9	6.8	1.93	0.28	6.99	1427.	55.	3.
1452	0000	-842	37.3687	81.1420	MH	1.0	1.7	6.9	1.78	0.25	7.05	1387.	54.	2.
1453	0000	-843	37.3687	81.1414	MH	0.9	1.8	7.0	1.92	0.26	7.38	1384.	55.	1.
1454	0000	-842	37.3687	81.1407	MH	0.9	2.0	7.5	2.13	0.26	8.11	1415.	53.	0.
1455	0000	-842	37.3687	81.1400	MH	1.0	2.2	7.3	2.33	0.30	7.67	1448.	55.	0.
1456	0000	-844	37.3687	81.1394	MH	1.0	2.2	7.6	2.20	0.28	7.75	1474.	54.	0.
1457	0000	-845	37.3687	81.1388	MH	1.0	2.2	7.5	2.20	0.29	7.52	1496.	54.	1.
1458	0000	-844	37.3687	81.1381	MH	1.0	2.1	7.3	2.11	0.29	7.33	1496.	55.	1.
1459	0000	-844	37.3687	81.1375	MH	1.0	2.0	7.4	2.10	0.27	7.65	1466.	54.	2.
1460	0000	-842	37.3687	81.1369	MH	0.9	2.1	6.6	2.24	0.31	7.18	1418.	53.	3.
1461	0000	-841	37.3687	81.1363	MH	0.9	1.8	6.3	2.02	0.28	7.12	1376.	57.	5.
1462	0000	-842	37.3687	81.1356	MH	0.8	1.5	6.8	1.88	0.23	8.24	1337.	57.	6.
1463	0000	-843	37.3687	81.1350	MH	0.7	1.6	6.4	2.19	0.25	8.76	1304.	57.	7.
1464	0000	-842	37.3687	81.1343	MH	0.6	1.5	6.3	2.37	0.24	9.77	1273.	59.	7.
1465	0000	-842	37.3687	81.1337	MH	0.6	1.5	6.5	2.37	0.23	10.23	1306.	58.	8.
1466	0000	-843	37.3688	81.1330	MBP	0.6	1.6	6.7	2.51	0.24	10.36	1350.	59.	8.
1467	0000	-842	37.3688	81.1325	MBP	0.7	1.7	7.2	2.47	0.24	10.40	1382.	59.	7.
1468	0000	-842	37.3688	81.1318	MBP	0.7	2.0	6.7	2.93	0.29	10.00	1366.	58.	6.
1469	0000	-842	37.3688	81.1311	MBP	0.6	2.0	6.4	3.16	0.32	9.86	1353.	57.	6.
1470	0000	-842	37.3688	81.1305	MBP	0.6	2.2 +	6.6	3.49 +	0.33	10.50	1356.	55.	4.
1471	0000	-843	37.3688	81.1298	MBP	0.7	2.1	7.3	3.21	0.29	11.10 +	1395.	53.	5.
1472	0000	-844	37.3688	81.1292	MBP	0.7	2.3 +	7.3	3.11	0.31	10.10	1417.	52.	4.
1473	0000	-844	37.3688	81.1286	MH	0.8	2.2	7.5	2.83	0.29	9.71	1450.	53.	4.
1474	0000	-843	37.3688	81.1279	MH	0.8	2.3 +	7.9	2.90	0.29	10.18	1510.	53.	4.
1475	0000	-843	37.3688	81.1273	MH	0.9	2.0	8.6 +	2.28	0.23	9.93	1590.	54.	5.
1476	0000	-844	37.3688	81.1267	MH	0.9	2.1	8.9 +	2.18	0.23	9.49	1651.	54.	5.
1477	0000	-845	37.3688	81.1261	MH	1.0	2.0	9.0 +	1.97	0.23	8.78	1695.	55.	6.
1478	0000	-844	37.3688	81.1254	MH	1.1 +	1.9	8.6 +	1.71	0.23	7.60	1710.	56.	6.
1479	0000	-844	37.3688	81.1247	MH	1.2 +	2.0	8.7 +	1.73	0.23	7.47	1721.	58.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-846	37.3689	81.1241	MH	1.1 +	2.2	8.9 +	1.96	0.25	7.83	1730.	58.	5.
1481	0000	-846	37.3689	81.1234	MH	1.2 +	2.1	8.6 +	1.75	0.25	7.10	1697.	58.	4.
1482	0000	-847	37.3689	81.1229	MBP	1.2 +	2.3 +	8.6 +	1.98	0.27	7.34	1668.	56.	2.
1483	0000	-848	37.3689	81.1222	MBP	1.1 +	2.5 +	8.1 +	2.17	0.30	7.14	1636.	54.	2.
1484	0000	-847	37.3689	81.1216	MBP	1.1 +	2.5 +	8.2 +	2.29	0.31	7.48	1604.	54.	1.
1485	0000	-847	37.3689	81.1209	MBP	1.1 +	2.6 +	8.5 +	2.40	0.30	7.96	1583.	53.	0.
1486	0000	-848	37.3689	81.1203	MBP	1.0 +	2.4 +	8.3 +	2.47	0.29	8.45	1538.	54.	0.
1487	0000	-847	37.3689	81.1196	MBP	1.0 +	2.1	8.1 +	2.07	0.26	7.91	1502.	52.	1.
1488	0000	-846	37.3689	81.1190	MBP	0.9	2.1	8.0 +	2.24	0.27	8.44	1488.	50.	1.
1489	0000	-847	37.3689	81.1184	MBP	0.9	2.1	7.8 +	2.23	0.27	8.23	1467.	53.	2.
1490	0000	-849	37.3689	81.1177	MBP	0.9	1.8	7.9 +	1.88	0.23	8.31	1436.	55.	3.
1491	0000	-847	37.3689	81.1171	MBP	0.9	1.6	7.2	1.79	0.23	7.86	1407.	56.	5.
1492	0000	-846	37.3689	81.1164	MBP	0.8	1.6	6.6	1.91	0.24	8.07	1333.	57.	7.
1493	0000	-848	37.3689	81.1158	MBP	0.8	1.5	6.3	1.93	0.23	8.33	1274.	55.	8.
1494	0000	-850	37.3689	81.1152	MBP	0.7	1.4	5.8	2.08	0.24	8.54	1206.	56.	10.
1495	0000	-851	37.3689	81.1145	MBP	0.7	1.0 -	5.5	1.54 -	0.19 -	8.12	1151.	57.	11.
1496	0000	-853	37.3689	81.1139	MBP	0.6	1.2 -	5.1	1.99	0.23	8.65	1099.	54.	12.
1497	0000	-854	37.3689	81.1133	MBP	0.5	1.2	4.8 -	2.44	0.25	9.60	1056.	53.	11.
1498	0000	-851	37.3689	81.1127	MBP	0.5 -	1.2	4.6 -	2.51	0.27	9.41	1002.	56.	10.
1499	0000	-844	37.3689	81.1120	MBP	0.5 -	1.2	4.8 -	2.50	0.25	9.91	1006.	54.	9.
1500	0000	-843	37.3689	81.1114	MBP	0.5	1.2	5.1	2.37	0.24	9.94	1020.	56.	8.
1501	0000	-848	37.3689	81.1107	MBP	0.5	1.5	5.3	2.86	0.28	10.27	1035.	57.	6.
1502	0000	-851	37.3689	81.1100	MBP	0.5 -	1.7	5.4	3.63 +	0.31	11.66 +	1046.	57.	6.
1503	0000	-852	37.3689	81.1095	MBP	0.5	1.6	5.9	2.93	0.27	10.87	1069.	57.	5.
1504	0000	-848	37.3689	81.1089	MBP	0.6	1.5	5.7	2.54	0.26	9.64	1090.	58.	6.
1505	0000	-837	37.3689	81.1082	MBP	0.6	1.5	6.1	2.34	0.24	9.85	1128.	53.	6.
1506	0000	-835	37.3689	81.1075	MBP	0.7	1.5	5.8	2.22	0.25	8.64	1140.	54.	6.
1507	0000	-845	37.3689	81.1069	MBP	0.7	1.3	5.8	1.84	0.22	8.25	1141.	54.	7.
1508	0000	-853	37.3690	81.1062	MBP	0.7	1.2 -	5.5	1.75	0.22	7.97	1128.	54.	7.
1509	0000	-854	37.3690	81.1056	MBP	0.7	1.1 -	5.3	1.54 -	0.21	7.44	1109.	55.	8.
1510	0000	-853	37.3690	81.1050	MBP	0.7	1.0 -	5.0	1.54 -	0.21	7.44	1085.	56.	9.
1511	0000	-853	37.3690	81.1044	MBP	0.6	1.1 -	5.1	1.76	0.22	7.99	1058.	53.	9.
1512	0000	-857	37.3690	81.1037	MBP	0.6	1.2	4.7 -	2.13	0.26	8.26	1037.	55.	9.
1513	0000	-858	37.3690	81.1030	MBP	0.6	1.0 -	4.7 -	1.72	0.21	8.32	1019.	58.	10.
1514	0000	-855	37.3690	81.1024	MBP	0.5	1.1 -	4.3 -	2.02	0.26	7.89	1018.	57.	10.
1515	0000	-855	37.3690	81.1018	MBP	0.6	1.1 -	4.3 -	1.99	0.26	7.70	1027.	56.	10.
1516	0000	-857	37.3690	81.1011	MBP	0.5	1.2	4.1 -	2.29	0.30	7.74	1028.	56.	10.
1517	0000	-857	37.3690	81.1005	MBP	0.5	1.3	4.0 -	2.45	0.31	7.85	1024.	54.	9.
1518	0000	-857	37.3690	81.0999	MBP	0.6	1.3	4.0 -	2.24	0.31	7.22	1020.	56.	9.
1519	0000	-859	37.3690	81.0992	MBP	0.6	1.2	3.7 -	2.12	0.33	6.42 -	1007.	56.	8.
1520	0000	-860	37.3690	81.0986	MBP	0.6	1.3	4.1 -	2.20	0.32	6.92	986.	56.	7.
1521	0000	-855	37.3690	81.0980	MBP	0.5	1.5	3.8 -	2.68	0.39 +	6.87 -	955.	56.	6.
1522	0000	-850	37.3690	81.0973	MBP	0.5	1.5	3.6 --	2.71	0.40 +	6.70 -	928.	57.	6.
1523	0000	-850	37.3690	81.0967	MBP	0.5	1.3	3.7 -	2.34	0.34	6.92	905.	59.	6.
1524	0000	-848	37.3690	81.0960	MBP	0.6	1.0 -	3.7 -	1.56 -	0.26	6.03 -	889.	60.	8.
1525	0000	-839	37.3690	81.0955	MBP	0.6	0.9 -	3.8 -	1.49 -	0.23	6.35 -	892.	59.	9.
1526	0000	-831	37.3690	81.0948	MBP	0.6	0.8 -	4.2 -	1.26 -	0.18 -	6.97	894.	58.	10.
1527	0000	-827	37.3690	81.0941	MBP	0.6	0.6 --	3.9 -	0.94 --	0.15 --	6.35 -	899.	59.	11.
1528	0010	-827	37.3690	81.0935	MBP	0.6	0.3 N.A.	4.7 -	0.40 N.A.	0.05 N.A.	7.47	914.	59.	12.
1529	0010	-832	37.3690	81.0928	MBP	0.6	0.3 N.A.	5.0	0.39 N.A.	0.05 N.A.	7.69	935.	58.	12.
1530	0000	-838	37.3690	81.0922	MBP	0.7	0.5 --	5.0	0.70 ---	0.09 ---	7.62	969.	55.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-842	37.3690	81.0916	MBP	0.6	0.7 --	5.0	1.15 -	0.14 --	8.29	985.	53.	10.
1532	0000	-844	37.3690	81.0910	MBP	0.6	0.7 --	5.0	1.16 -	0.14 --	8.21	1002.	54.	10.
1533	0000	-844	37.3690	81.0903	MBP	0.6	0.7 --	5.0	1.07 --	0.13 --	8.01	1018.	55.	8.
1534	0000	-843	37.3690	81.0897	MBP	0.6	1.2 -	5.0	2.04	0.23	8.69	1048.	54.	6.
1535	0000	-846	37.3691	81.0890	MBP	0.6	1.6	4.6 -	2.58	0.34	7.59	1071.	52.	5.
1536	0000	-851	37.3691	81.0884	MBP	0.6	1.8	4.6 -	3.05	0.38 +	7.95	1081.	53.	4.
1537	0000	-856	37.3691	81.0877	MBP	0.6	1.8	4.6 -	3.23	0.39 +	8.19	1079.	55.	4.
1538	0000	-858	37.3691	81.0871	MBP	0.6	1.8	4.5 -	2.93	0.40 +	7.31	1106.	57.	4.
1539	0000	-861	37.3691	81.0864	MBP	0.6	1.9	4.5 -	2.99	0.42 +	7.17	1120.	56.	4.
1540	0000	-863	37.3691	81.0858	MBP	0.6	2.0	4.6 -	3.19	0.42 +	7.53	1116.	55.	5.
1541	0000	-863	37.3691	81.0852	MBP	0.6	1.9	4.6 -	2.86	0.40 +	7.08	1094.	55.	5.
1542	0000	-860	37.3691	81.0846	MBP	0.6	1.8	4.6 -	2.82	0.39 +	7.29	1074.	56.	5.
1543	0000	-837	37.3691	81.0839	MBP	0.7	1.7	4.6 -	2.50	0.37 +	6.76 -	1079.	55.	5.
1544	0000	-808	37.3691	81.0833	MBP	0.7	1.5	4.5 -	2.17	0.34	6.31 -	1086.	55.	5.
1545	0000	-815	37.3691	81.0826	MBP	0.7	1.6	4.6 -	2.48	0.35	7.08	1058.	54.	4.
1546	0000	-844	37.3691	81.0820	MBP	0.6	1.8	4.5 -	2.78	0.40 +	7.01	1032.	54.	3.
1547	0000	-851	37.3691	81.0814	MBP	0.6	1.8	4.3 -	2.82	0.43 +	6.58 -	1023.	51.	2.
1548	0000	-852	37.3691	81.0808	MBP	0.6	1.8	4.2 -	2.92	0.43 +	6.85 -	1007.	52.	2.
1549	0000	-862	37.3692	81.0801	MBP	0.6	1.8	4.2 -	3.02	0.43 +	7.05	994.	52.	2.
1550	0000	-865	37.3692	81.0794	MBP	0.5	1.8	4.0 -	3.55 +	0.45 +	7.89	948.	53.	2.
1551	0000	-861	37.3692	81.0788	MBP	0.5 -	2.0	4.0 -	4.31 +	0.51 ++	8.45	906.	52.	1.
1552	0000	-856	37.3692	81.0781	MBP	0.5 -	1.9	3.8 -	4.12 +	0.50 ++	8.26	886.	51.	2.
1553	0000	-852	37.3692	81.0775	MBP	0.4 -	1.6	4.0 -	3.65 +	0.40 +	9.06	862.	52.	3.
1554	0000	-855	37.3692	81.0769	MBP	0.4 -	1.3	4.0 -	2.94	0.32	9.10	855.	53.	4.
1555	0000	-862	37.3692	81.0763	MBP	0.5 -	1.1 -	4.2 -	2.37	0.27	8.72	877.	52.	5.
1556	0000	-865	37.3692	81.0756	MBP	0.5	1.2 -	4.1 -	2.36	0.29	8.05	891.	53.	7.
1557	0000	-869	37.3692	81.0750	MBP	0.6	1.0 -	4.2 -	1.86	0.24	7.60	916.	53.	8.
1558	0000	-869	37.3692	81.0744	MBP	0.6	0.9 -	4.6 -	1.50 -	0.19 -	7.86	948.	53.	9.
1559	0000	-867	37.3692	81.0737	MBP	0.6	0.8 -	4.7 -	1.23 -	0.16 -	7.59	963.	56.	10.
1560	0000	-869	37.3692	81.0730	MBP	0.6	0.9 -	4.9	1.35 -	0.18 -	7.61	1019.	56.	10.
1561	0000	-871	37.3692	81.0725	MBP	0.7	0.9 -	5.1	1.37 -	0.19 -	7.34	1066.	58.	10.
1562	0000	-871	37.3692	81.0719	MBP	0.7	1.0 -	5.6	1.47 -	0.18 -	8.10	1106.	56.	9.
1563	0000	-871	37.3692	81.0712	MBP	0.7	0.9 -	6.3	1.20 -	0.14 --	8.39	1146.	53.	8.
1564	0000	-871	37.3692	81.0705	MBP	0.7	0.9 -	6.2	1.17 -	0.14 --	8.46	1172.	53.	8.
1565	0000	-869	37.3692	81.0699	MBP	0.7	1.0 -	5.6	1.47 -	0.19 -	7.83	1171.	53.	7.
1566	0000	-868	37.3692	81.0692	MBP	0.7	1.2	5.7	1.70	0.21	8.03	1179.	51.	5.
1567	0000	-869	37.3692	81.0686	MBP	0.7	1.2	5.6	1.79	0.22	8.17	1134.	51.	4.
1568	0000	-870	37.3692	81.0680	MBP	0.6	1.3	5.5	2.10	0.24	8.66	1079.	52.	3.
1569	0000	-871	37.3692	81.0674	MBP	0.6	1.3	5.0	2.27	0.27	8.48	1008.	53.	2.
1570	0000	-868	37.3692	81.0667	MBP	0.5	1.4	4.7 -	2.60	0.29	9.00	947.	55.	2.
1571	0000	-869	37.3692	81.0661	MBP	0.5 -	1.5	4.4 -	3.21	0.35 +	9.04	907.	56.	2.
1572	0000	-871	37.3692	81.0654	MBP	0.5 -	1.5	5.1	3.24	0.29	11.00 +	900.	56.	2.
1573	0000	-870	37.3692	81.0647	MBP	0.4 -	1.6	5.0	4.10 +	0.32	12.64 +	890.	56.	2.
1574	0000	-868	37.3692	81.0641	MBP	0.4 -	1.7	4.9	4.55 +	0.33	13.58 +	901.	54.	3.
1575	0000	-869	37.3692	81.0635	MBP	0.3 -	1.7	4.9	4.83 +	0.34	14.31 ++	914.	50.	4.
1576	0000	-868	37.3692	81.0629	MH	0.3 -	1.8	4.8 -	5.31 ++	0.38 +	14.07 ++	929.	50.	5.
1577	0000	-868	37.3693	81.0622	MH	0.3 -	1.7	4.7 -	5.34 ++	0.37 +	14.36 ++	928.	51.	6.
1578	0000	-870	37.3693	81.0616	MH	0.3 -	1.7	5.0 -	5.24 ++	0.35 +	15.10 ++	932.	50.	5.
1579	0000	-870	37.3693	81.0610	MH	0.4 -	1.7	4.5 -	4.67 +	0.39 +	12.09 +	940.	49.	6.
1580	0000	-870	37.3693	81.0603	MH	0.5 -	1.6	4.9 -	3.56 +	0.33	10.72	988.	48.	5.
1581	0000	-870	37.3693	81.0597	MH	0.5 -	1.6	4.9 -	3.06	0.34	9.07	1038.	48.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-871	37.3693	81.0590	MH	0.6	1.8	5.0 -	3.06	0.35 +	8.77	1094.	52.	6.
1583	0000	-873	37.3693	81.0585	MH	0.6	1.5	5.3	2.42	0.28	8.67	1141.	55.	7.
1584	0000	-874	37.3693	81.0578	MH	0.7	1.6	5.7	2.35	0.28	8.51	1199.	55.	8.
1585	0000	-876	37.3693	81.0572	MH	0.8	1.3	5.7	1.71	0.23	7.52	1253.	54.	9.
1586	0000	-875	37.3693	81.0565	MH	0.8	1.1 -	6.2	1.33 -	0.18 -	7.52	1304.	55.	9.
1587	0000	-873	37.3693	81.0558	MH	0.8	1.1 -	5.9	1.34 -	0.19 -	7.18	1322.	55.	10.
1588	0000	-874	37.3693	81.0552	MH	0.8	1.1 -	5.9	1.32 -	0.19 -	7.07	1327.	58.	9.
1589	0000	-876	37.3693	81.0545	MH	0.8	1.0 -	6.3	1.22 -	0.16 -	7.42	1329.	54.	8.
1590	0000	-876	37.3693	81.0540	MH	0.9	1.2 -	6.1	1.34 -	0.20	6.57	1343.	54.	6.
1591	0000	-877	37.3694	81.0533	MH	1.0	1.3	5.9	1.35 -	0.22	6.21 -	1355.	54.	5.
1592	0000	-877	37.3694	81.0527	MH	0.9	1.6	6.1	1.74	0.27	6.54	1354.	54.	3.
1593	0000	-877	37.3694	81.0520	MH	0.9	1.7	6.0	1.97	0.29	6.73	1333.	55.	3.
1594	0000	-878	37.3694	81.0514	MH	0.9	1.8	6.0	1.99	0.29	6.79	1298.	55.	2.
1595	0000	-880	37.3694	81.0508	MH	0.8	1.6	6.2	1.97	0.27	7.37	1274.	54.	2.
1596	0000	-877	37.3694	81.0501	MH	0.8	1.5	5.8	1.81	0.26	6.91	1244.	56.	4.
1597	0000	-876	37.3694	81.0495	MH	0.8	1.4	6.0	1.73	0.23	7.63	1231.	55.	4.
1598	0000	-879	37.3694	81.0489	MH	0.7	1.5	6.1	1.94	0.24	8.18	1226.	53.	5.
1599	0000	-879	37.3694	81.0482	MH	0.8	1.4	6.6	1.80	0.21	8.62	1230.	54.	5.
1600	0000	-877	37.3694	81.0476	MH	0.7	1.6	6.9	2.13	0.23	9.40	1254.	53.	4.
1601	0000	-876	37.3694	81.0469	MH	0.7	1.7	7.2	2.42	0.24	10.10	1272.	53.	4.
1602	0000	-875	37.3694	81.0463	MH	0.7	1.7	7.3	2.32	0.24	9.88	1285.	55.	3.
1603	0000	-875	37.3694	81.0456	MH	0.7	2.1	7.5	2.84	0.27	10.34	1313.	53.	2.
1604	0000	-872	37.3694	81.0450	MH	0.7	2.4 +	7.5	3.57 +	0.32	11.18 +	1318.	53.	1.
1605	0000	-870	37.3694	81.0444	MH	0.7	2.3 +	7.6	3.28	0.31	10.74	1323.	56.	0.
1606	0000	-874	37.3694	81.0438	MH	0.7	2.1	7.6	3.02	0.28	10.86 +	1319.	56.	0.
1607	0000	-875	37.3694	81.0431	MH	0.7	2.0	7.1	2.84	0.29	9.96	1294.	55.	0.
1608	0000	-878	37.3694	81.0425	MH	0.7	1.8	7.1	2.49	0.26	9.65	1292.	56.	0.
1609	0000	-881	37.3694	81.0419	MH	0.8	1.9	7.1	2.46	0.27	9.07	1316.	56.	0.
1610	0000	-873	37.3694	81.0412	MH	0.8	1.8	7.0	2.15	0.26	8.31	1334.	59.	0.
1611	0000	-865	37.3694	81.0406	MH	0.9	1.7	7.3	1.92	0.23	8.39	1362.	58.	0.
1612	0000	-868	37.3694	81.0399	MH	0.9	1.7	7.2	1.97	0.23	8.44	1363.	58.	1.
1613	0000	-873	37.3694	81.0393	MH	0.9	1.9	6.6	2.14	0.28	7.63	1378.	59.	2.
1614	0000	-874	37.3694	81.0387	MH	0.9	1.8	6.9	1.99	0.25	7.81	1412.	58.	2.
1615	0000	-874	37.3694	81.0381	MH	0.9	1.8	7.0	2.03	0.25	7.98	1446.	56.	4.
1616	0000	-874	37.3694	81.0374	MH	0.9	1.8	6.7	2.06	0.27	7.73	1440.	54.	5.
1617	0000	-873	37.3694	81.0368	MH	0.8	1.8	6.6	2.21	0.28	7.99	1436.	52.	7.
1618	0000	-871	37.3694	81.0361	MH	0.8	1.7	6.5	1.96	0.26	7.61	1436.	54.	9.
1619	0000	-872	37.3694	81.0356	MH	0.8	1.5	6.7	1.81	0.22	8.10	1437.	52.	9.
1620	0000	-871	37.3694	81.0349	MH	0.8	1.4	7.1	1.69	0.20 -	8.66	1438.	51.	10.
1621	0000	-870	37.3694	81.0343	MH	0.8	1.5	7.0	1.90	0.22	8.72	1436.	50.	10.
1622	0000	-872	37.3694	81.0336	MH	0.8	1.5	6.9	1.95	0.22	8.84	1431.	54.	9.
1623	0000	-872	37.3694	81.0330	MH	0.7	1.6	7.2	2.11	0.22	9.71	1431.	54.	8.
1624	0000	-871	37.3694	81.0324	MH	0.8	1.5	7.3	2.03	0.21	9.61	1403.	55.	6.
1625	0000	-871	37.3694	81.0317	MH	0.7	1.5	7.3	2.07	0.21	9.90	1374.	54.	5.
1626	0000	-871	37.3694	81.0311	MH	0.8	1.7	7.2	2.24	0.24	9.30	1378.	55.	4.
1627	0000	-872	37.3694	81.0304	MH	0.8	2.0	7.1	2.57	0.28	9.24	1379.	57.	3.
1628	0000	-872	37.3695	81.0298	MH	0.8	1.8	7.2	2.30	0.25	9.15	1382.	57.	2.
1629	0000	-872	37.3695	81.0292	MH	0.8	2.0	7.2	2.45	0.28	8.63	1395.	54.	1.
1630	0000	-872	37.3695	81.0286	MH	0.8	2.0	7.2	2.41	0.28	8.62	1393.	55.	1.
1631	0000	-871	37.3695	81.0279	MH	0.8	2.0	7.4	2.47	0.27	9.21	1398.	56.	1.
1632	0000	-871	37.3695	81.0273	MH	0.8	1.9	7.3	2.32	0.26	9.05	1400.	57.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-871	37.3695	81.0266	MH	0.8	1.8	7.1	2.35	0.26	9.17	1359.	56.	3.
1634	0000	-870	37.3695	81.0261	MH	0.7	1.6	6.9	2.16	0.23	9.39	1302.	55.	5.
1635	0000	-870	37.3695	81.0254	MH	0.7	1.5	6.3	2.18	0.23	9.43	1219.	56.	6.
1636	0000	-870	37.3695	81.0248	MBP	0.6	1.0 -	5.7	1.67	0.17 -	9.59	1123.	55.	8.
1637	0000	-869	37.3695	81.0241	MBP	0.5	0.8 -	5.3	1.52 -	0.15 -	9.85	1037.	55.	9.
1638	0000	-868	37.3695	81.0234	MBP	0.5	0.6 --	5.0	1.27 -	0.13 --	9.80	977.	53.	10.
1639	0000	-868	37.3695	81.0229	MBP	0.5 -	0.6 --	4.6 -	1.37 -	0.14 --	10.09	921.	55.	10.
1640	0000	-867	37.3695	81.0222	MBP	0.4 -	0.6 --	4.3 -	1.46 -	0.15 --	9.98	888.	55.	9.
1641	0000	-867	37.3695	81.0216	MBP	0.4 -	0.6 --	4.1 -	1.59	0.16 -	10.13	880.	54.	9.
1642	0000	-869	37.3695	81.0209	MBP	0.4 -	0.7 --	4.2 -	1.72	0.16 -	10.49	877.	56.	9.
1643	0000	-871	37.3695	81.0203	MBP	0.4 -	1.0 -	4.1 -	2.74	0.24	11.36 +	870.	57.	8.
1644	0000	-872	37.3695	81.0197	MBP	0.4 -	1.0 -	4.0 -	2.66	0.24	10.94 +	873.	59.	8.
1645	0000	-870	37.3695	81.0191	MBP	0.3 -	1.1 -	4.0 -	3.19	0.27	11.86 +	860.	61.	8.
1646	0000	-867	37.3695	81.0184	MBP	0.3 -	1.2 -	3.8 -	3.80 +	0.31	12.23 +	845.	58.	8.
1647	0000	-866	37.3695	81.0177	MBP	0.3 -	1.0 -	4.0 -	3.32	0.24	13.72 +	838.	57.	9.
1648	0000	-866	37.3695	81.0171	MBP	0.3 -	1.0 -	4.0 -	3.16	0.24	12.97 +	825.	58.	9.
1649	0000	-866	37.3695	81.0165	MBP	0.4 -	1.0 -	4.1 -	2.79	0.25	11.34 +	844.	58.	9.
1650	0000	-867	37.3695	81.0159	MBP	0.4 -	1.0 -	4.3 -	2.63	0.24	10.83	897.	58.	10.
1651	0000	-868	37.3695	81.0152	MBP	0.4 -	1.2 -	4.7 -	3.06	0.25	12.06 +	952.	55.	8.
1652	0000	-868	37.3695	81.0146	MBP	0.5 -	1.2 -	4.9	2.53	0.24	10.64	983.	54.	8.
1653	0000	-868	37.3695	81.0139	MBP	0.4 -	1.2	4.9 -	2.81	0.26	10.97 +	992.	56.	7.
1654	0000	-867	37.3695	81.0134	MBP	0.4 -	1.4	4.6 -	3.02	0.30	10.21	978.	58.	5.
1655	0000	-867	37.3695	81.0127	MBP	0.4 -	1.4	4.6 -	3.40 +	0.31	10.84	983.	58.	4.
1656	0000	-867	37.3695	81.0121	MBP	0.4 -	1.6	4.5 -	4.02 +	0.35 +	11.41 +	985.	56.	3.
1657	0000	-866	37.3695	81.0114	MBP	0.4 -	1.5	4.8 -	3.29	0.31	10.70	990.	55.	2.
1658	0000	-865	37.3695	81.0108	MBP	0.5	1.5	4.5 -	2.87	0.33	8.72	1024.	57.	2.
1659	0000	-866	37.3695	81.0102	MBP	0.6	1.5	5.1	2.69	0.29	9.21	1085.	56.	2.
1660	0000	-866	37.3695	81.0096	MBP	0.7	1.4	5.4	1.95	0.26	7.59	1151.	54.	3.
1661	0000	-866	37.3695	81.0089	MH	0.8	1.4	5.9	1.70	0.23	7.34	1242.	53.	4.
1662	0000	-867	37.3695	81.0082	MH	0.9	1.3 -	6.3	1.41 -	0.20	7.04	1334.	54.	5.
1663	0000	-868	37.3695	81.0076	MH	1.0	0.9 -	7.3	0.93 --	0.13 --	7.34	1439.	55.	7.
1664	0000	-865	37.3695	81.0070	MH	1.0	1.1 -	7.5	1.09 -	0.15 --	7.36	1496.	56.	9.
1665	0000	-864	37.3695	81.0064	MH	1.0	1.1 -	8.2 +	1.08 -	0.13 --	8.02	1530.	56.	10.
1666	0000	-865	37.3695	81.0057	MH	1.1	1.1 -	8.3 +	1.00 -	0.13 --	7.71	1569.	56.	11.
1667	0000	-864	37.3695	81.0051	MH	1.1	1.1 -	8.7 +	1.02 -	0.13 --	8.15	1612.	57.	12.
1668	0000	-864	37.3695	81.0044	MH	1.1	1.1 -	8.7 +	1.07 -	0.13 --	8.07	1645.	55.	12.
1669	0000	-864	37.3695	81.0039	MH	1.1	1.0 -	8.8 +	0.92 --	0.12 ---	8.02	1653.	55.	12.
1670	0000	-863	37.3695	81.0032	MH	1.1	1.3	8.5 +	1.20 -	0.15 -	7.88	1640.	55.	10.
1671	0000	-863	37.3695	81.0026	MH	1.1	1.2 -	8.9 +	1.05 -	0.13 --	8.10	1650.	54.	8.
1672	0000	-863	37.3695	81.0019	MH	1.1 +	1.1 -	8.9 +	1.00 -	0.13 --	7.84	1681.	52.	7.
1673	0000	-864	37.3695	81.0013	MH	1.1	1.3	9.0 +	1.18 -	0.14 --	8.23	1687.	52.	5.
1674	0000	-865	37.3696	81.0007	MH	1.1 +	1.4	9.0 +	1.28 -	0.16 -	8.00	1696.	52.	3.
1675	0000	-865	37.3696	81.0000	MH	1.1 +	1.6	9.0 +	1.45	0.18 -	7.93	1689.	53.	2.
1676	0000	-863	37.3696	80.9994	MH	1.1	1.9	8.9 +	1.76	0.21	8.23	1692.	51.	1.
1677	0000	-863	37.3696	80.9987	MH	1.1	1.9	8.8 +	1.70	0.21	7.95	1668.	51.	1.
1678	0000	-863	37.3696	80.9981	MH	1.1	1.9	8.2 +	1.76	0.23	7.57	1633.	52.	2.
1679	0000	-863	37.3696	80.9975	MH	1.0	1.9	7.6	1.84	0.25	7.35	1576.	55.	3.
1680	0000	-861	37.3696	80.9969	MH	1.0	1.9	7.0	1.83	0.27	6.81	1537.	56.	3.
1681	0000	-861	37.3696	80.9962	MH	1.0	1.8	6.9	1.76	0.26	6.79	1520.	54.	4.
1682	0000	-862	37.3696	80.9956	MH	1.0	1.6	7.1	1.60	0.23	6.99	1499.	55.	5.
1683	0000	-861	37.3696	80.9950	MH	1.0	1.5	6.8	1.42 -	0.22	6.59	1466.	55.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-860	37.3696	80.9944	MH	1.0	1.6	6.9	1.55	0.23	6.76	1466.	57.	7.
1685	0000	-861	37.3696	80.9937	MH	1.0	1.8	6.9	1.72	0.26	6.60	1477.	57.	6.
1686	0000	-862	37.3696	80.9931	MH	1.1	1.9	7.1	1.77	0.27	6.48 -	1486.	56.	5.
1687	0000	-860	37.3696	80.9924	MH	1.1	2.1	7.0	1.88	0.30	6.30 -	1509.	56.	5.
1688	0000	-860	37.3696	80.9918	MH	1.1	2.3 +	7.3	2.18	0.32	6.88	1530.	57.	4.
1689	0000	-861	37.3696	80.9912	MH	1.1	2.5 +	7.7	2.30	0.32	7.12	1569.	55.	3.
1690	0000	-861	37.3696	80.9906	MH	1.1	2.4 +	8.0	2.19	0.31	7.17	1609.	54.	3.
1691	0000	-860	37.3696	80.9899	MH	1.2 +	2.5 +	8.0	2.12	0.31	6.87	1634.	52.	2.
1692	0000	-858	37.3696	80.9892	MH	1.1 +	2.3 +	8.3 +	1.98	0.27	7.31	1640.	52.	2.
1693	0000	-859	37.3696	80.9886	MH	1.1	2.2	8.8 +	2.01	0.25	8.16	1641.	51.	2.
1694	0000	-860	37.3696	80.9880	MH	1.1	1.9	9.2 +	1.72	0.20	8.41	1632.	51.	1.
1695	0000	-859	37.3696	80.9874	MH	1.1	1.8	8.9 +	1.63	0.20	7.98	1621.	53.	2.
1696	0000	-859	37.3696	80.9867	MH	1.1	1.7	8.4 +	1.53	0.20	7.68	1604.	54.	2.
1697	0000	-860	37.3696	80.9861	MH	1.1	1.8	8.2 +	1.62	0.21	7.58	1589.	55.	2.
1698	0000	-856	37.3696	80.9855	MH	1.0	1.6	8.8 +	1.50	0.18 -	8.45	1568.	54.	2.
1699	0000	-855	37.3696	80.9848	MH	1.0	1.6	8.7 +	1.57	0.18 -	8.60	1547.	56.	2.
1700	0000	-857	37.3696	80.9842	MH	1.0	1.5	8.1 +	1.43 -	0.18 -	7.91	1529.	55.	2.
1701	0000	-858	37.3696	80.9836	MH	1.0	1.6	7.9	1.63	0.20	8.11	1494.	54.	2.
1702	0000	-859	37.3696	80.9829	MH	1.0	1.5	8.0	1.52	0.18 -	8.33	1465.	53.	2.
1703	0000	-860	37.3696	80.9823	MH	0.9	1.6	8.1 +	1.70	0.20 -	8.68	1465.	51.	2.
1704	0000	-859	37.3696	80.9817	MH	0.9	1.8	8.4 +	1.94	0.21	9.29	1472.	52.	2.
1705	0000	-859	37.3696	80.9810	MH	1.0	2.0	8.2 +	2.02	0.24	8.41	1524.	52.	3.
1706	0000	-861	37.3696	80.9804	MH	1.0	1.7	8.6 +	1.68	0.20	8.35	1533.	50.	4.
1707	0000	-860	37.3696	80.9798	MH	1.1	1.9	8.6 +	1.75	0.22	8.11	1535.	51.	4.
1708	0000	-860	37.3696	80.9791	MH	1.0	2.1	8.4 +	2.00	0.24	8.21	1543.	51.	4.
1709	0000	-860	37.3696	80.9785	MH	1.0	2.0	8.2 +	2.04	0.25	8.26	1521.	50.	4.
1710	0000	-860	37.3696	80.9779	MH	1.0	1.9	8.2 +	1.97	0.23	8.40	1482.	51.	4.
1711	0000	-860	37.3696	80.9772	MH	1.0	1.7	7.8	1.76	0.21	8.19	1444.	51.	4.
1712	0000	-860	37.3696	80.9766	MH	0.9	1.6	7.5	1.79	0.21	8.60	1386.	53.	3.
1713	0000	-859	37.3696	80.9760	MH	0.9	1.9	7.0	2.16	0.26	8.17	1401.	52.	2.
1714	0000	-859	37.3696	80.9754	MH	0.8	1.8	7.1	2.18	0.26	8.53	1419.	54.	1.
1715	0000	-858	37.3696	80.9747	MH	0.9	1.7	7.3	1.83	0.23	7.96	1437.	55.	1.
1716	0000	-858	37.3696	80.9740	MH	1.0	1.7	7.6	1.79	0.23	7.72	1482.	55.	2.
1717	0000	-860	37.3696	80.9734	MH	1.0	1.8	7.6	1.72	0.23	7.39	1529.	59.	2.
1718	0000	-859	37.3696	80.9728	MH	1.0	1.9	7.8	1.84	0.24	7.52	1571.	60.	3.
1719	0000	-858	37.3696	80.9722	MH	1.1	2.1	8.1 +	1.87	0.26	7.27	1634.	57.	5.
1720	0000	-859	37.3696	80.9715	MH	1.1	2.3 +	8.1 +	2.10	0.28	7.46	1636.	59.	6.
1721	0000	-860	37.3697	80.9709	MH	1.0	2.3 +	7.9	2.17	0.29	7.58	1630.	57.	8.
1722	0000	-858	37.3697	80.9703	MH	1.0	2.1	8.1 +	2.03	0.25	8.04	1641.	57.	10.
1723	0000	-857	37.3697	80.9696	MH	1.0	1.9	8.0	1.99	0.25	8.13	1632.	59.	11.
1724	0000	-859	37.3697	80.9690	MH	1.0	1.9	7.8	1.89	0.24	7.90	1631.	57.	12.
1725	0000	-860	37.3697	80.9684	MH	1.0	1.8	7.7	1.85	0.24	7.68	1621.	57.	13.
1726	0000	-859	37.3697	80.9678	MH	1.0	1.6	7.3	1.68	0.22	7.61	1567.	60.	12.
1727	0000	-857	37.3697	80.9671	MH	1.0	1.3	7.4	1.34 -	0.18 -	7.65	1545.	60.	12.
1728	0000	-858	37.3697	80.9665	MH	1.0	1.3	7.3	1.33 -	0.18 -	7.42	1531.	61.	11.
1729	0000	-859	37.3697	80.9659	MH	1.0	1.4	7.0	1.48	0.21	7.17	1499.	61.	9.
1730	0000	-858	37.3697	80.9652	MH	1.0	1.6	7.1	1.59	0.22	7.14	1502.	59.	7.
1731	0000	-858	37.3697	80.9646	MH	1.0	1.7	7.1	1.66	0.23	7.06	1509.	60.	5.
1732	0000	-858	37.3697	80.9639	MH	1.0	1.5	7.5	1.47	0.20	7.22	1518.	60.	4.
1733	0000	-859	37.3697	80.9633	MH	1.0	1.6	7.5	1.59	0.22	7.25	1519.	57.	3.
1734	0000	-860	37.3697	80.9627	MH	1.0	1.8	7.1	1.82	0.26	7.02	1502.	56.	2.

.STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-859	37.3697	80.9620		MH	1.0	1.8	7.2	1.82	0.26	7.06	1498.	56.	1.
1736	0000	-859	37.3697	80.9614		MH	1.0	2.0	7.2	1.90	0.27	6.99	1535.	55.	1.
1737	0000	-859	37.3697	80.9608		MH	1.1	2.0	7.5	1.88	0.27	6.96	1568.	57.	1.
1738	0000	-858	37.3697	80.9601		MH	1.1	2.1	7.9	1.89	0.26	7.16	1608.	56.	1.
1739	0000	-859	37.3697	80.9595		MH	1.2 +	2.1	7.8	1.76	0.27	6.49 -	1662.	53.	1.
1740	0000	-859	37.3697	80.9588		MH	1.2 +	2.4 +	8.0	1.94	0.30	6.53	1722.	55.	1.
1741	0000	-859	37.3697	80.9582		MH	1.3 +	2.4 +	8.5 +	1.86	0.29	6.51 -	1786.	55.	1.
1742	0000	-859	37.3697	80.9576		MH	1.4 +	2.6 +	8.6 +	1.87	0.30	6.31 -	1857.	54.	1.
1743	0000	-858	37.3697	80.9569		MH	1.4 ++	2.6 +	8.7 +	1.81	0.30	6.04 -	1891.	52.	1.
1744	0000	-858	37.3697	80.9563		MH	1.4 +	2.7 +	8.9 +	1.87	0.30	6.26 -	1905.	51.	1.
1745	0000	-858	37.3697	80.9557		MH	1.4 +	2.6 +	8.8 +	1.83	0.29	6.22 -	1901.	52.	1.
1746	0000	-858	37.3697	80.9551		MH	1.3 +	2.6 +	9.0 +	1.96	0.29	6.67	1863.	54.	2.
1747	0000	-857	37.3697	80.9544		MH	1.3 +	2.2	9.1 +	1.74	0.25	7.08	1805.	51.	2.
1748	0000	-857	37.3697	80.9538		MH	1.2 +	2.1	8.8 +	1.75	0.24	7.35	1756.	53.	2.
1749	0000	-859	37.3697	80.9532		MH	1.2 +	1.9	8.6 +	1.59	0.22	7.31	1687.	52.	3.
1750	0000	-859	37.3697	80.9526		MH	1.1	1.7	8.5 +	1.55	0.20	7.72	1616.	52.	3.
1751	0000	-857	37.3697	80.9519		MH	1.1	1.5	7.9	1.46	0.19 -	7.53	1540.	53.	3.
1752	0000	-858	37.3697	80.9513		MH	1.0	1.6	7.4	1.71	0.22	7.68	1449.	53.	3.
1753	0000	-859	37.3697	80.9506		MH	0.9	1.5	6.8	1.68	0.22	7.49	1355.	53.	3.
1754	0000	-857	37.3697	80.9500		MH	0.8	1.5	6.1	1.81	0.25	7.21	1277.	52.	4.
1755	0000	-856	37.3697	80.9494		MH	0.8	1.5	5.8	1.90	0.26	7.26	1202.	50.	5.
1756	0000	-857	37.3697	80.9487		MH	0.7	1.3	5.5	1.91	0.24	8.03	1116.	52.	7.
1757	0000	-857	37.3697	80.9481		MH	0.6	1.2 -	5.3	2.06	0.23	8.83	1048.	51.	8.
1758	0000	-857	37.3697	80.9474		MH	0.5 -	1.3	4.6 -	2.53	0.29	8.87	980.	50.	8.
1759	0000	-858	37.3697	80.9468		MH	0.5 -	1.0 -	4.5 -	2.03	0.22	9.21	951.	48.	10.
1760	0000	-859	37.3697	80.9462		MH	0.5 -	1.1 -	4.5 -	2.29	0.24	9.68	965.	46.	10.
1761	0000	-859	37.3697	80.9456		MBP	0.5	1.0 -	4.6 -	1.91	0.22	8.72	990.	49.	10.
1762	0000	-858	37.3697	80.9449		MBP	0.5	1.1 -	5.0	2.04	0.22	9.27	1041.	51.	10.
1763	0000	-858	37.3697	80.9443		MBP	0.6	1.3	5.2	2.37	0.26	9.27	1094.	50.	8.
1764	0000	-857	37.3697	80.9437		MBP	0.6	1.4	5.2	2.35	0.27	8.81	1129.	53.	8.
1765	0000	-857	37.3697	80.9431		MBP	0.6	1.4	5.5	2.24	0.26	8.66	1166.	51.	8.
1766	0000	-857	37.3697	80.9424		MBP	0.6	1.6	5.5	2.65	0.30	8.90	1165.	55.	7.
1767	0000	-857	37.3698	80.9417		MBP	0.6	1.6	5.6	2.80	0.29	9.62	1149.	56.	6.
1768	0000	-856	37.3698	80.9411		MBP	0.5	1.9	5.5	3.56 +	0.34	10.55	1121.	57.	5.
1769	0000	-857	37.3698	80.9406		MBP	0.5	1.8	5.1	3.64 +	0.36 +	10.12	1070.	55.	4.
1770	0000	-857	37.3698	80.9399		MBP	0.5	1.8	4.7 -	3.59 +	0.39 +	9.26	1028.	54.	4.
1771	0000	-858	37.3698	80.9392		MBP	0.5 -	1.8	4.6 -	3.63 +	0.38 +	9.58	995.	54.	4.
1772	0000	-858	37.3698	80.9386		MBP	0.4 -	1.6	4.4 -	3.57 +	0.36 +	9.79	956.	56.	4.
1773	0000	-857	37.3698	80.9379		MBP	0.5 -	1.4	4.1 -	2.84	0.33	8.58	929.	55.	5.
1774	0000	-857	37.3698	80.9374		MBP	0.5 -	1.3	3.6 --	2.75	0.36 +	7.65	892.	55.	7.
1775	0000	-856	37.3698	80.9367		MBP	0.5 -	1.1 -	3.5 --	2.35	0.31	7.59	866.	56.	7.
1776	0000	-856	37.3698	80.9361		MBP	0.5 -	0.9 -	3.5 --	1.86	0.26	7.04	874.	58.	9.
1777	0000	-856	37.3698	80.9354		MBP	0.5 -	0.9 -	3.9 -	1.77	0.22	7.98	903.	59.	10.
1778	0000	-856	37.3698	80.9348		MBP	0.5	0.9 -	4.0 -	1.68	0.23	7.40	941.	59.	10.
1779	0000	-855	37.3698	80.9342		MBP	0.6	0.8 -	4.5 -	1.47 -	0.19 -	7.82	999.	59.	11.
1780	0000	-856	37.3698	80.9335		MBP	0.6	1.2 -	4.9	1.97	0.24	8.30	1054.	58.	10.
1781	0000	-856	37.3698	80.9329		MBP	0.6	1.5	5.0	2.38	0.29	8.21	1114.	56.	9.
1782	0000	-855	37.3698	80.9322		MBP	0.6	1.6	5.4	2.47	0.29	8.55	1145.	55.	8.
1783	0000	-857	37.3698	80.9316		MBP	0.6	1.5	5.6	2.36	0.26	9.01	1141.	53.	8.
1784	0000	-858	37.3698	80.9310		MBP	0.6	1.5	5.6	2.42	0.26	9.13	1115.	52.	6.
1785	0000	-856	37.3698	80.9304		MBP	0.6	1.6	5.8	2.76	0.27	10.07	1106.	53.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-856	37.3698	80.9297 MBP	0.6	1.9	5.8	3.30	0.32	10.34	1116.	52.	5.
1787	0000	-857	37.3698	80.9291 MBP	0.6	1.9	6.0	3.18	0.31	10.18	1158.	50.	4.
1788	0000	-856	37.3698	80.9284 MBP	0.6	1.7	6.4	2.83	0.27	10.36	1188.	53.	3.
1789	0000	-856	37.3698	80.9279 MBP	0.7	1.7	6.6	2.62	0.26	9.92	1246.	55.	3.
1790	0000	-857	37.3698	80.9272 MBP	0.7	2.0	6.8	2.78	0.29	9.59	1325.	58.	2.
1791	0000	-855	37.3698	80.9266 MBP	0.8	2.2 +	7.1	2.83	0.31	9.12	1426.	59.	2.
1792	0000	-854	37.3698	80.9259 MBP	0.9	2.2 +	7.6 +	2.52	0.29	8.66	1511.	57.	1.
1793	0000	-855	37.3698	80.9252 MBP	0.9	2.2 +	7.7 +	2.39	0.29	8.30	1547.	57.	1.
1794	0000	-856	37.3698	80.9247 MBP	0.9	1.9	7.9 +	2.09	0.25	8.50	1540.	61.	1.
1795	0000	-856	37.3698	80.9240 MBP	1.0 +	2.1 +	7.9 +	2.19	0.27	8.12	1557.	59.	0.
1796	0000	-856	37.3698	80.9234 MBP	1.0 +	2.2 +	7.8 +	2.26	0.28	8.00	1562.	58.	1.
1797	0000	-855	37.3698	80.9227 MBP	1.0 +	2.0	8.0 +	2.07	0.26	8.08	1542.	55.	2.
1798	0000	-856	37.3698	80.9221 MBP	0.9	1.8	7.9 +	1.90	0.23	8.33	1504.	54.	4.
1799	0000	-857	37.3698	80.9215 MBP	0.9	1.6	7.4	1.85	0.22	8.49	1448.	56.	6.
1800	0000	-855	37.3698	80.9209 MBP	0.8	1.3	7.4	1.56 -	0.18 -	8.70	1407.	57.	8.
1801	0000	-855	37.3698	80.9202 MBP	0.8	1.4	7.1	1.78	0.20	8.84	1389.	56.	9.
1802	0000	-856	37.3698	80.9196 MBP	0.8	1.4	7.1	1.83	0.20 -	9.19	1377.	57.	10.
1803	0000	-854	37.3698	80.9189 MBP	0.8	1.2	7.2	1.53 -	0.17 -	9.17	1376.	58.	10.
1804	0000	-854	37.3698	80.9184 MBP	0.8	1.4	6.9	1.70	0.20 -	8.60	1394.	61.	10.
1805	0000	-855	37.3698	80.9177 MBP	0.8	1.5	6.9	1.81	0.22	8.36	1408.	61.	10.
1806	0000	-853	37.3698	80.9171 MBP	0.8	1.6	7.0	1.89	0.23	8.28	1417.	61.	9.
1807	0000	-854	37.3698	80.9164 MH	0.8	1.6	7.0	2.03	0.24	8.55	1401.	60.	9.
1808	0000	-854	37.3698	80.9157 MH	0.8	1.6	6.5	2.07	0.25	8.19	1351.	59.	9.
1809	0000	-853	37.3698	80.9152 MH	0.7	1.4	6.3	1.93	0.22	8.65	1272.	59.	9.
1810	0000	-854	37.3698	80.9146 MH	0.7	1.3	6.0	2.01	0.22	8.99	1200.	57.	9.
1811	0000	-855	37.3698	80.9139 MH	0.6	1.2 -	6.1	2.03	0.20	10.04	1140.	54.	8.
1812	0000	-853	37.3698	80.9132 MH	0.6	1.2 -	6.0	1.88	0.20 -	9.60	1113.	54.	7.
1813	0000	-853	37.3698	80.9127 MH	0.6	1.3	5.9	2.18	0.23	9.65	1083.	56.	6.
1814	0000	-853	37.3698	80.9120 MH	0.6	1.5	5.4	2.42	0.28	8.79	1056.	58.	6.
1815	0000	-852	37.3698	80.9114 MH	0.6	1.5	5.7	2.68	0.26	10.19	1058.	56.	5.
1816	0000	-851	37.3698	80.9108 MH	0.6	1.5	5.8	2.29	0.25	9.07	1090.	56.	5.
1817	0000	-852	37.3698	80.9102 MH	0.7	1.6	5.6	2.31	0.29	7.96	1145.	57.	5.
1818	0000	-852	37.3698	80.9096 MH	0.7	1.6	5.4	2.16	0.30	7.29	1187.	59.	6.
1819	0000	-852	37.3698	80.9090 MH	0.7	1.8	5.3	2.55	0.33	7.67	1190.	56.	7.
1820	0000	-852	37.3698	80.9084 MH	0.7	1.5	5.2 -	2.19	0.29	7.63	1175.	56.	8.
1821	0000	-852	37.3698	80.9078 MH	0.7	1.4	5.4	2.11	0.27	7.95	1168.	55.	8.
1822	0000	-851	37.3698	80.9072 MH	0.8	1.2 -	5.2 -	1.57	0.23	6.87	1173.	58.	8.
1823	0000	-849	37.3697	80.9066 MH	0.7	1.4	5.3	1.88	0.26	7.30	1179.	57.	8.
1824	0000	-849	37.3697	80.9060 MH	0.7	1.6	5.4	2.37	0.29	8.04	1175.	56.	7.
1825	0000	-850	37.3697	80.9054 MH	0.6	1.7	5.3	2.84	0.33	8.72	1160.	55.	6.
1826	0000	-849	37.3697	80.9048	0.6	1.5	5.4	2.39	0.28	8.40	1137.	58.	5.
1827	0000	-848	37.3696	80.9043 MH	0.6	1.8	5.2 -	2.80	0.34	8.31	1146.	57.	3.
1828	0000	-847	37.3696	80.9036 MH	0.6	1.8	5.5	2.92	0.33	8.85	1163.	58.	3.
1829	0000	-848	37.3696	80.9030 MH	0.6	2.0	5.7	3.30	0.34	9.66	1156.	55.	2.
1830	0000	-850	37.3696	80.9024 MH	0.6	1.8	5.7	3.26	0.32	10.24	1116.	55.	2.
1831	0000	-849	37.3696	80.9018 MH	0.5 -	1.5	5.5	3.02	0.28	10.88 +	1040.	56.	3.
1832	0000	-849	37.3696	80.9012 MH	0.5 -	1.3	5.4	2.85	0.24	11.65 +	959.	54.	3.
1833	0000	-850	37.3696	80.9005 MH	0.4 -	1.3 -	5.0 -	3.25	0.25	12.76 +	900.	53.	4.
1834	0000	-848	37.3696	80.9000 MH	0.4 -	1.1 -	4.9 -	3.08	0.23	13.50 +	845.	53.	4.
1835	0000	-848	37.3696	80.8994 MH	0.3 -	1.0 -	4.5 -	3.00	0.23	13.02 +	810.	52.	6.
1836	0000	-848	37.3696	80.8987 MH	0.3 -	1.1 -	4.4 -	3.14	0.25	12.71 +	810.	54.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-847	37.3695	80.8982		MH	0.4 -	1.2 -	4.6 -	3.00	0.25	11.86 +	858.	54.	7.
1838	0000	-848	37.3695	80.8976		MH	0.4 -	1.2 -	5.1 -	2.78	0.23	12.11 +	935.	56.	8.
1839	0000	-849	37.3695	80.8970		MH	0.5 -	1.2 -	5.4	2.35	0.21	11.00 +	1039.	57.	8.
1840	0000	-848	37.3695	80.8964		MH	0.6	1.2 -	5.8	2.22	0.22	10.32	1137.	58.	8.
1841	0000	-847	37.3695	80.8958		MH	0.7	1.3	5.8	1.96	0.22	8.74	1240.	59.	8.
1842	0000	-848	37.3695	80.8952		MH	0.7	1.6	6.2	2.25	0.26	8.80	1316.	57.	7.
1843	0000	-847	37.3695	80.8946		MH	0.7	1.9	6.6	2.62	0.28	9.21	1385.	55.	6.
1844	0000	-846	37.3695	80.8940		MH	0.8	2.0	6.7	2.44	0.29	8.29	1419.	56.	5.
1845	0000	-847	37.3695	80.8934		MH	0.9	1.9	6.8	2.15	0.28	7.56	1423.	56.	4.
1846	0000	-847	37.3694	80.8928		MH	0.9	2.1	7.0	2.41	0.31	7.89	1417.	57.	3.
1847	0000	-844	37.3694	80.8921		MH	0.9	2.1	6.7	2.33	0.32	7.38	1403.	55.	2.
1848	0000	-844	37.3694	80.8916		MH	0.8	2.3 +	7.0	2.76	0.33	8.47	1367.	55.	2.
1849	0000	-844	37.3694	80.8910		MH	0.8	2.1	6.8	2.45	0.30	8.03	1354.	54.	3.
1850	0000	-843	37.3694	80.8903		MH	0.9	1.8	6.4	2.01	0.28	7.18	1341.	53.	4.
1851	0000	-843	37.3693	80.8898		MH	0.9	1.8	6.3	2.08	0.28	7.38	1340.	52.	5.
1852	0000	-842	37.3693	80.8892		MH	0.8	1.8	6.5	2.20	0.29	7.72	1374.	49.	5.
1853	0000	-842	37.3693	80.8885		MH	0.9	1.7	6.3	1.86	0.27	7.01	1402.	49.	7.
1854	0000	-842	37.3693	80.8880		MH	0.9	1.8	7.1	1.98	0.25	7.87	1450.	49.	8.
1855	0000	-841	37.3693	80.8874		MH	1.0	1.6	7.3	1.62	0.22	7.31	1504.	47.	9.
1856	0000	-841	37.3693	80.8867		MH	1.1	1.5	8.0	1.38 -	0.18 -	7.54	1554.	48.	10.
1857	0000	-842	37.3693	80.8862		MH	1.1	1.6	8.6 +	1.48	0.18 -	8.09	1634.	51.	10.
1858	0000	-841	37.3693	80.8856		MH	1.1	1.7	9.2 +	1.51	0.18 -	8.39	1699.	51.	10.
1859	0000	-840	37.3693	80.8849		MH	1.1 +	1.8	9.1 +	1.60	0.20 -	8.06	1722.	51.	10.
1860	0000	-841	37.3692	80.8844		MH	1.2 +	1.9	9.2 +	1.68	0.21	8.00	1745.	51.	8.
1861	0000	-842	37.3692	80.8838		MH	1.2 +	2.0	9.1 +	1.69	0.22	7.83	1757.	50.	7.
1862	0000	-841	37.3692	80.8832		MH	1.1	2.2	9.2 +	1.96	0.24	8.25	1766.	51.	6.
1863	0000	-840	37.3692	80.8826		MH	1.1	2.3 +	8.8 +	2.15	0.27	8.09	1743.	50.	4.
1864	0000	-840	37.3692	80.8819		MH	1.1	2.4 +	8.2 +	2.23	0.29	7.61	1668.	51.	2.
1865	0000	-840	37.3692	80.8814		MH	1.0	2.3 +	7.5	2.28	0.31	7.31	1600.	50.	2.
1866	0000	-840	37.3692	80.8808		MH	1.0	2.4 +	7.3	2.49	0.33	7.59	1552.	52.	1.
1867	0000	-840	37.3692	80.8801		MH	0.9	2.4 +	7.3	2.51	0.32	7.72	1527.	53.	0.
1868	0000	-839	37.3692	80.8796		MH	1.0	2.3 +	7.6	2.22	0.30	7.37	1559.	54.	0.
1869	0000	-837	37.3691	80.8790		MH	1.1 +	2.1	8.1 +	1.86	0.26	7.11	1613.	54.	0.
1870	0000	-838	37.3691	80.8783		MH	1.2 +	2.1	8.5 +	1.78	0.25	7.08	1666.	55.	0.
1871	0000	-841	37.3691	80.8778		MH	1.3 +	2.3 +	8.7 +	1.80	0.26	6.91	1736.	52.	0.
1872	0000	-840	37.3691	80.8772		MH	1.3 +	2.3 +	9.2 +	1.74	0.25	6.97	1791.	52.	0.
1873	0000	-838	37.3690	80.8765		MH	1.4 +	2.4 +	9.2 +	1.71	0.26	6.59	1821.	50.	1.
1874	0000	-840	37.3690	80.8760		MH	1.4 +	2.5 +	8.8 +	1.85	0.29	6.41 -	1817.	48.	1.
1875	0000	-841	37.3690	80.8754		MH	1.3 +	2.3 +	8.2 +	1.73	0.27	6.33 -	1732.	49.	3.
1876	0000	-842	37.3690	80.8747		MH	1.2 +	2.0	7.3	1.72	0.28	6.16 -	1625.	50.	4.
1877	0000	-842	37.3690	80.8742		MH	1.1	1.9	6.7	1.71	0.28	6.03 -	1546.	50.	5.
1878	0000	-843	37.3690	80.8735		MH	1.1	1.5	6.3	1.42 -	0.24	6.01 -	1454.	51.	7.
1879	0000	-844	37.3690	80.8729		MH	1.0	1.3 -	6.2	1.24 -	0.20	6.08 -	1381.	51.	7.
1880	0000	-844	37.3690	80.8724		MH	1.0	0.9 -	6.2	0.93 --	0.15 --	6.30 -	1329.	52.	8.
1881	0000	-845	37.3690	80.8717		MH	1.0	0.6 --	6.5	0.54 ---	0.09 ---	6.28 -	1334.	53.	8.
1882	0000	-847	37.3690	80.8711		MH	1.0	0.8 --	6.6	0.74 --	0.11 ---	6.45 -	1343.	54.	7.
1883	0000	-851	37.3689	80.8705		MH	1.1	0.8 -	6.5	0.73 --	0.13 --	5.81 -	1415.	53.	7.
1884	0000	-851	37.3689	80.8699		MH	1.2 +	1.0 -	6.6	0.91 --	0.16 -	5.70 -	1452.	53.	7.
1885	0000	-851	37.3689	80.8694		MH	1.2 +	1.2 -	6.7	1.07 -	0.19 -	5.76 -	1499.	52.	7.
1886	0000	-848	37.3689	80.8687		MH	1.1 +	1.4	6.8	1.19 -	0.20 -	6.05 -	1528.	52.	8.
1887	0000	-832	37.3689	80.8681		MBF-2	1.1	1.4 -	7.0	1.25 -	0.20	6.28	1539.	53.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-804	37.3689	80.8676	MBF-2	1.0	1.7	6.8	1.71	0.25	6.82	1495.	53.	8.
1889	0000	-743	37.3689	80.8670	MBF-2	1.0	1.7	6.6	1.71	0.25	6.75	1462.	52.	8.
1890	0000	-648	37.3689	80.8663	MBF-2	0.9	1.8	6.4	2.07	0.29	7.14	1390.	53.	9.
1891	0000	-519	37.3689	80.8657	MBF-2	0.8 -	1.9	6.3	2.38	0.30	8.06	1339.	54.	9.
1892	0000	-315	37.3688	80.8651	MBF-2	0.8 -	1.7	6.4	2.27	0.27	8.46 +	1291.	54.	9.
1893	0000	-140	37.3688	80.8645	MBF-2	0.8 -	1.9	5.7 -	2.43 +	0.33	7.41	1261.	54.	9.
1894	0000	-208	37.3688	80.8639	MBF-2	0.8 -	1.9	5.4 -	2.44 +	0.35 +	7.04	1251.	52.	9.
1895	0000	-451	37.3688	80.8633	MBF-2	0.8 -	1.7	5.5 -	2.13	0.31	6.80	1263.	51.	8.
1896	0000	-643	37.3687	80.8627	MBF-2	0.8 -	1.9	5.4 -	2.31	0.35 +	6.61	1295.	49.	7.
1897	0000	-748	37.3687	80.8622	MBF-2	0.9	1.8	6.1	1.94	0.29	6.69	1324.	50.	6.
1898	0000	-809	37.3687	80.8615	MBF-2	1.0	1.5	6.5	1.46	0.23	6.28	1361.	48.	5.
1899	0000	-831	37.3687	80.8609	(WATER)	1.1	1.8	6.3	1.56	0.28	5.53	1415.	48.	4.
1900	0000	-841	37.3687	80.8603	(WATER)	1.2	1.6	6.9	1.31	0.23	5.80	1455.	45.	3.
1901	0000	-849	37.3687	80.8597	(WATER)	1.3	1.8	7.2	1.40	0.25	5.56	1510.	44.	2.
1902	0000	-849	37.3687	80.8591	(WATER)	1.4	2.2	7.3	1.62	0.31	5.30	1568.	44.	2.
1903	0000	-848	37.3687	80.8585	(WATER)	1.4	2.1	7.9	1.45	0.26	5.54	1603.	44.	2.
1904	0000	-846	37.3687	80.8579	(WATER)	1.3	2.2	8.0	1.67	0.28	5.94	1631.	42.	2.
1905	0000	-842	37.3687	80.8573	(WATER)	1.4	2.1	7.8	1.51	0.27	5.55	1658.	43.	3.
1906	0000	-841	37.3686	80.8567	(WATER)	1.4	1.8	8.0	1.26	0.22	5.66	1663.	41.	5.
1907	0000	-841	37.3686	80.8561	(WATER)	1.4	2.0	8.2	1.45	0.25	5.90	1676.	42.	6.
1908	0000	-840	37.3686	80.8555	(WATER)	1.4	1.7	8.0	1.24	0.21	5.82	1654.	46.	7.
1909	0000	-838	37.3686	80.8549	(WATER)	1.3	1.3	7.9	1.03	0.17	5.98	1637.	46.	9.
1910	0000	-837	37.3685	80.8543	(WATER)	1.3	1.5	7.3	1.08	0.20	5.46	1630.	47.	9.
1911	0000	-834	37.3685	80.8537	(WATER)	1.4	1.7	7.1	1.16	0.23	4.95	1666.	49.	8.
1912	0000	-832	37.3685	80.8531	(WATER)	1.4	1.9	7.2	1.35	0.26	5.21	1641.	49.	7.
1913	0000	-832	37.3685	80.8525	(WATER)	1.3	2.0	7.3	1.54	0.28	5.56	1585.	52.	6.
1914	0000	-829	37.3685	80.8519	(WATER)	1.3	1.9	6.8	1.47	0.28	5.32	1533.	52.	6.
1915	0000	-829	37.3685	80.8513	(WATER)	1.2	2.0	6.4	1.66	0.31	5.34	1497.	50.	5.
1916	0000	-829	37.3685	80.8507	(WATER)	1.2	2.0	6.2	1.63	0.32	5.11	1471.	51.	5.
1917	0000	-826	37.3685	80.8501	(WATER)	1.2	1.8	6.5	1.49	0.28	5.30	1472.	52.	6.
1918	0000	-825	37.3685	80.8495	MG	1.2	1.5 -	6.7	1.21 -	0.22 -	5.51 -	1449.	51.	6.
1919	0000	-826	37.3684	80.8488	MG	1.2	1.7 -	6.8	1.41 -	0.24	5.80 -	1488.	51.	7.
1920	0000	-824	37.3684	80.8483	MG	1.2	1.6 -	6.9	1.30 -	0.23 -	5.65 -	1539.	52.	7.
1921	0000	-823	37.3684	80.8477	MG	1.2 +	1.6 -	7.2	1.30 -	0.23 -	5.77 -	1584.	53.	7.
1922	0000	-824	37.3684	80.8471	MG	1.3 +	1.5 -	7.5	1.16 -	0.21 -	5.65 -	1620.	52.	7.
1923	0000	-821	37.3684	80.8465	MG	1.3 +	1.5 -	7.6	1.11 -	0.19 -	5.73 -	1618.	50.	7.
1924	0000	-817	37.3683	80.8459	MG	1.3 +	1.6 -	7.6	1.25 -	0.21 -	5.90 -	1590.	47.	6.
1925	0000	-818	37.3683	80.8453	MG	1.2	1.8	7.1	1.48 -	0.25	5.86 -	1562.	47.	5.
1926	0000	-820	37.3683	80.8447	MG	1.2	1.8	6.8	1.43 -	0.26	5.52 -	1539.	49.	4.
1927	0000	-817	37.3683	80.8441	MG	1.2	1.9	6.5	1.60	0.29	5.46 -	1537.	47.	3.
1928	0000	-815	37.3683	80.8435	MG	1.3 +	2.0	6.5	1.57	0.30	5.18 -	1546.	46.	3.
1929	0000	-816	37.3683	80.8428	MG	1.2	2.3	6.7	1.97	0.35	5.71 -	1562.	46.	2.
1930	0000	-816	37.3683	80.8422	MG	1.1	2.6	6.9	2.30	0.37	6.23	1566.	47.	1.
1931	0000	-816	37.3683	80.8417	MG	1.1	2.7	7.1	2.50	0.38	6.63	1579.	48.	1.
1932	0000	-816	37.3683	80.8410	MG	1.1	2.6	7.0	2.43	0.37	6.59	1562.	47.	1.
1933	0000	-816	37.3682	80.8404	MMP	1.0	2.5	7.0	2.44	0.35	6.93	1555.	45.	1.
1934	0000	-813	37.3682	80.8399	MMP	1.0	2.5	7.2	2.36	0.34	6.95	1555.	46.	1.
1935	0000	-813	37.3682	80.8392	MMP	1.0	2.3	7.2	2.28	0.32	7.10	1538.	48.	2.
1936	0000	-813	37.3682	80.8387	MMP	1.0	2.3	6.8	2.37	0.34	7.03	1518.	49.	2.
1937	0000	-810	37.3682	80.8381	MMP	1.0	2.1	6.8	2.08	0.31	6.71	1529.	48.	3.
1938	0000	-810	37.3682	80.8374	MMP	1.1	2.0	7.1	1.86	0.28	6.62	1558.	48.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES									*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-810	37.3682	80.8369	MMP	1.1	2.0	7.5	1.88	0.27	6.90	1584.	48.	4.
1940	0000	-809	37.3682	80.8363	MMP	1.1	2.1	7.3	1.98	0.29	6.89	1608.	47.	4.
1941	0000	-808	37.3682	80.8356	MMP	1.0	2.3	7.4	2.32	0.30	7.62	1599.	48.	4.
1942	0000	-808	37.3681	80.8351	MMP	0.9	2.4	7.4	2.69	0.33	8.28	1579.	47.	4.
1943	0000	-808	37.3681	80.8344	MMP	0.9	2.2	7.8	2.32	0.28	8.38	1563.	47.	4.
1944	0000	-808	37.3681	80.8338	MMP	0.9	2.1	7.5	2.35	0.28	8.31	1544.	47.	4.
1945	0000	-808	37.3681	80.8333	MMP	0.9	2.3	6.6	2.73	0.35	7.80	1477.	50.	4.
1946	0000	-808	37.3681	80.8326	MMP	0.8	2.0	6.4	2.50	0.32	7.92	1411.	50.	4.
1947	0000	-809	37.3680	80.8320	MMP	0.8	2.0	6.2	2.56	0.33	7.87	1327.	51.	4.
1948	0000	-810	37.3680	80.8315	MMP	0.7	1.8	5.9	2.41	0.30	7.93	1258.	48.	4.
1949	0000	-811	37.3680	80.8308	MMP	0.7	1.8	5.8	2.50	0.31	8.09	1207.	49.	4.
1950	0000	-810	37.3680	80.8302	MMP	0.7	1.8	5.0 -	2.64	0.37	7.22	1159.	50.	4.
1951	0000	-811	37.3680	80.8297	MMP	0.7 -	1.9	4.6 -	2.84 +	0.41 +	6.96	1121.	50.	3.
1952	0000	-810	37.3680	80.8290	MMP	0.6 -	1.7	4.6 -	2.62	0.37 +	7.08	1097.	48.	4.
1953	0000	-807	37.3680	80.8284	MMP	0.7 -	1.9	4.4 -	2.78 +	0.42 +	6.64	1110.	50.	3.
1954	0000	-808	37.3680	80.8279	MMP	0.7	1.9	4.3 -	2.71	0.43 +	6.31 -	1112.	50.	3.
1955	0000	-810	37.3680	80.8272	MMP	0.7	1.8	4.0 --	2.51	0.45 +	5.64 --	1104.	51.	3.
1956	0000	-810	37.3679	80.8266	DMU	0.7 -	1.6	3.8 -	2.15	0.42 ++	5.11 -	1101.	50.	4.
1957	0000	-811	37.3679	80.8261	DMU	0.7 -	1.4 -	4.3 -	1.92	0.33	5.89	1105.	51.	4.
1958	0000	-811	37.3679	80.8254	DMU	0.7 -	1.5	4.4 -	2.13	0.35	6.12	1103.	51.	4.
1959	0000	-811	37.3679	80.8248	DMU	0.7 -	1.4 -	4.6 -	1.88	0.31	6.14	1108.	55.	5.
1960	0000	-810	37.3679	80.8242	DMU	0.7 -	1.4 -	4.5 -	1.88	0.30	6.24	1089.	55.	7.
1961	0000	-810	37.3679	80.8236	DMU	0.7 -	1.2 -	4.5 -	1.63	0.27	6.07	1108.	56.	9.
1962	0000	-811	37.3679	80.8230	DMU	0.8 -	1.2 -	4.4 -	1.45 -	0.27	5.37 -	1134.	58.	10.
1963	0000	-812	37.3679	80.8224	DMU	0.8 -	1.3 -	4.6 -	1.66	0.29	5.69	1160.	57.	10.
1964	0000	-812	37.3679	80.8218	DMU	0.8 -	1.3 -	4.2 -	1.60	0.30	5.24 -	1164.	57.	11.
1965	0000	-812	37.3678	80.8213	DMU	0.8 -	1.0 --	4.4 -	1.27 -	0.24 -	5.38 -	1169.	56.	12.
1966	0000	-812	37.3678	80.8206	DMU	0.8 -	1.0 --	4.5 -	1.23 -	0.23 -	5.40	1172.	53.	11.
1967	0000	-811	37.3678	80.8200	(WATER)	0.8	0.8	4.2	0.96	0.18	5.25	1153.	51.	11.
1968	0000	-813	37.3678	80.8195	(WATER)	0.8	0.7	4.0	0.95	0.19	5.11	1111.	50.	11.
1969	0000	-813	37.3678	80.8188	(WATER)	0.7	0.6	4.0	0.85	0.15	5.51	1051.	51.	12.
1970	0000	-811	37.3677	80.8182	(WATER)	0.8	0.6	3.6	0.78	0.17	4.60	1029.	50.	12.
1971	0000	-811	37.3677	80.8177	OB-1	0.8	0.6 --	3.8	0.69 -	0.15 --	4.50	1056.	47.	12.
1972	0010	-811	37.3677	80.8170	OB-1	0.9	0.5 N.A.	3.6	0.56 N.A.	0.14 N.A.	4.12	1054.	49.	13.
1973	0000	-810	37.3677	80.8164	OB-1	0.9	0.6 --	3.7	0.65 --	0.15 --	4.22	1056.	48.	12.
1974	0000	-810	37.3677	80.8159	OB-1	0.9	0.9 -	3.9	0.92 -	0.22 -	4.15	1095.	46.	11.
1975	0000	-811	37.3677	80.8154	OB-1	1.0	1.0 -	4.2	0.99 -	0.24	4.11	1152.	47.	10.
1976	0000	-811	37.3677	80.8148	OB-1	1.1	1.1	4.6	1.00 -	0.24	4.09	1240.	45.	10.
1977	0000	-810	37.3677	80.8143	OB-1	1.2	1.1 -	4.6	0.92 -	0.23	3.98	1286.	45.	9.
1978	0000	-808	37.3677	80.8138	OB-1	1.2	1.4	4.5	1.18 -	0.31	3.82 -	1308.	47.	8.
1979	0000	-810	37.3677	80.8134	OB-1	1.2 +	1.4	4.6	1.15 -	0.31	3.72 -	1354.	46.	7.
1980	0000	-812	37.3676	80.8128	OB-1	1.3 +	1.6	4.7	1.20	0.34	3.56 -	1384.	47.	6.
1981	0000	-812	37.3676	80.8123	OB-1	1.3 +	1.6	4.8	1.19	0.33	3.62 -	1400.	49.	5.
1982	0000	-812	37.3676	80.8118	OB-1	1.3 +	1.7	5.0	1.25	0.33	3.73 -	1392.	48.	5.
1983	0000	-811	37.3676	80.8113	OB-1	1.3 +	1.7	4.8	1.28	0.35	3.71 -	1372.	49.	4.
1984	0000	-810	37.3676	80.8108	OB-1	1.2 +	1.7	5.0	1.34	0.33	4.01	1350.	51.	3.
1985	0000	-811	37.3676	80.8103	OB-1	1.2	1.5	5.3	1.23	0.27	4.51	1334.	50.	4.
1986	0000	-812	37.3676	80.8098	OMUU	1.2 +	1.4	5.4	1.17 -	0.26	4.51 -	1319.	49.	5.
1987	0000	-812	37.3676	80.8093	OMUU	1.1	1.3	5.2	1.19 -	0.26	4.58 -	1317.	47.	7.
1988	0000	-811	37.3676	80.8088	OMUU	1.1	1.1	5.3	1.01 -	0.22	4.67 -	1320.	47.	8.
1989	0000	-812	37.3676	80.8083	OMUU	1.1	1.1	5.1	1.00 -	0.22	4.53 -	1319.	49.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-813	37.3676	80.8078 OMUU	1.1	1.1	5.1	1.00 -	0.22	4.53 -	1319.	48.	9.
1991	0000	-813	37.3676	80.8073 OMUU	1.1	0.9 -	5.0	0.82 -	0.19 -	4.43 -	1326.	49.	10.
1992	0000	-814	37.3675	80.8068 OMUU	1.1	1.2	4.7	1.04 -	0.25	4.16 -	1312.	52.	9.
1993	0000	-816	37.3675	80.8063 OMUU	1.1	1.4	4.7	1.34	0.30	4.45 -	1305.	54.	7.
1994	0000	-815	37.3675	80.8057 OMUU	1.1	1.5	4.9	1.35	0.30	4.51 -	1294.	57.	5.
1995	0000	-815	37.3675	80.8053 OMUU	1.1	1.6	4.8	1.45	0.33	4.43 -	1275.	59.	4.
1996	0000	-815	37.3675	80.8048 OMUU	1.0	1.6	5.3	1.59	0.31	5.10 -	1280.	57.	3.
1997	0000	-813	37.3675	80.8043 OMUU	1.0	1.8	5.7	1.87	0.32	5.80	1293.	58.	2.
1998	0000	-813	37.3674	80.8037 OMUU	0.9	2.1 +	5.7	2.22	0.36	6.12	1301.	55.	0.
1999	0000	-815	37.3674	80.8032 OMUU	0.9	1.9	6.1	2.14	0.32	6.72	1304.	52.	0.
2000	0000	-815	37.3674	80.8027 OMUU	0.8	1.8	6.2	2.12	0.29	7.35	1277.	53.	0.
2001	0000	-814	37.3674	80.8022 OMUU	0.8	1.8	6.4	2.33	0.28	8.37	1265.	52.	0.
2002	0000	-813	37.3674	80.8018 OMUU	0.7	1.8	7.1	2.61	0.26	10.16	1259.	51.	0.
2003	0000	-814	37.3674	80.8012 OMUU	0.7	1.7	6.8	2.64	0.26	10.30	1241.	53.	0.
2004	0000	-815	37.3674	80.8007 OMUU	0.6	1.8	6.7	3.07	0.27	11.49	1208.	53.	0.
2005	0000	-813	37.3674	80.8002 OMUU	0.5	1.8	6.8	3.37	0.26	12.97 +	1176.	52.	0.
2006	0000	-813	37.3674	80.7997 OMUU	0.5	1.7	6.8	3.20	0.25	12.71 +	1160.	53.	0.
2007	0000	-813	37.3674	80.7992 OMUU	0.5	1.9	6.7	3.80	0.28	13.34 +	1154.	53.	0.
2008	0000	-814	37.3674	80.7987 OMUU	0.5	1.8	6.6	3.62	0.27	13.29 +	1135.	50.	0.
2009	0000	-816	37.3674	80.7982 OMUU	0.4	2.0 +	5.7	4.44 +	0.35	12.78 +	1093.	51.	0.
2010	0000	-815	37.3673	80.7977 OMUU	0.5	1.8	6.0	3.86	0.30	13.03 +	1070.	50.	1.
2011	0000	-813	37.3673	80.7972 OMUU	0.5	1.7	5.9	3.34	0.28	11.86	1049.	50.	1.
2012	0000	-816	37.3673	80.7967 OMUU	0.5	1.4	5.8	2.83	0.25	11.50	1042.	50.	2.
2013	0000	-816	37.3673	80.7962 OMUU	0.5	1.5	6.2	3.00	0.24	12.32 +	1041.	49.	2.
2014	0000	-815	37.3673	80.7957 OMUU	0.6	1.3	6.5	2.15	0.19	11.07	1083.	46.	3.
2015	0000	-817	37.3673	80.7952 OMUU	0.7	1.3	6.5	2.00	0.20	9.93	1142.	48.	4.
2016	0000	-817	37.3672	80.7948 OMUU	0.7	1.2	6.9	1.69	0.18 -	9.40	1210.	47.	4.
2017	0000	-815	37.3672	80.7943 OMUU	0.8	1.3	6.9	1.66	0.19	8.72	1265.	46.	5.
2018	0000	-815	37.3672	80.7937 OMUU	0.8	1.2	7.0	1.47	0.18 -	8.38	1327.	45.	6.
2019	0000	-817	37.3672	80.7932 OMUU	0.9	1.3	7.3	1.53	0.18 -	8.28	1369.	46.	6.
2020	0000	-817	37.3672	80.7927 OMUU	0.9	1.4	6.9	1.59	0.20	7.91	1386.	50.	6.
2021	0000	-815	37.3672	80.7922 OMUU	0.9	1.5	6.8	1.72	0.22	7.82	1371.	52.	6.
2022	0000	-815	37.3672	80.7917 OMUU	0.8	1.6	6.5	2.01	0.24	8.41	1332.	53.	6.
2023	0000	-818	37.3672	80.7912 OMUU	0.8	1.4	6.5	1.85	0.22	8.40	1316.	53.	5.
2024	0000	-817	37.3672	80.7907 OMUU	0.8	1.6	6.6	2.05	0.23	8.74	1314.	56.	5.
2025	0000	-815	37.3672	80.7902 OMUU	0.8	1.6	6.7	2.00	0.24	8.36	1313.	56.	4.
2026	0000	-816	37.3672	80.7897 OMUU	0.8	1.7	6.5	2.18	0.27	8.14	1312.	56.	4.
2027	0000	-818	37.3672	80.7892 OMUU	0.9	1.8	6.7	2.04	0.26	7.78	1336.	56.	3.
2028	0000	-817	37.3671	80.7887 OMUU	0.9	1.9	6.3	2.22	0.30	7.44	1336.	57.	2.
2029	0000	-817	37.3671	80.7882 OMUU	0.9	1.8	6.6	2.04	0.27	7.48	1332.	57.	1.
2030	0000	-818	37.3671	80.7877 OMUU	0.9	1.8	6.3	2.11	0.29	7.38	1303.	58.	2.
2031	0000	-817	37.3671	80.7872 OMUU	0.8	1.7	6.1	2.02	0.27	7.46	1255.	59.	2.
2032	0000	-815	37.3671	80.7867 OMUU	0.8	1.5	5.8	1.93	0.25	7.65	1205.	62.	3.
2033	0000	-817	37.3671	80.7862 OMUU	0.7	1.5	5.3	2.17	0.29	7.51	1153.	64.	4.
2034	0000	-819	37.3671	80.7857 OMUU	0.6	1.4	5.3	2.19	0.26	8.41	1109.	61.	4.
2035	0000	-819	37.3671	80.7852 OMUU	0.6	1.2	5.2	2.02	0.23	8.83	1068.	60.	5.
2036	0000	-820	37.3671	80.7847 OMUU	0.6	1.2	4.9	2.04	0.24	8.63	1045.	60.	6.
2037	0000	-819	37.3671	80.7842 OMUU	0.6	1.2	5.2	2.17	0.23	9.32	1042.	58.	5.
2038	0000	-819	37.3671	80.7837 OMUU	0.6	1.4	4.9	2.34	0.28	8.35	1054.	56.	4.
2039	0000	-820	37.3671	80.7832 OMUU	0.6	1.3	5.1	2.03	0.25	8.07	1077.	56.	4.
2040	0000	-818	37.3670	80.7826 OMUU	0.7	1.2	5.2	1.64	0.22	7.35	1116.	56.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-819	37.3670	80.7821	OMUU	0.8	1.1	5.0	1.46	0.23	6.46	1149.	58.	5.
2042	0000	-821	37.3670	80.7817	OMUU	0.9	1.1	5.5	1.32	0.20	6.48	1206.	58.	5.
2043	0000	-820	37.3670	80.7812	OMUU	0.9	1.2	5.9	1.27	0.20	6.42	1268.	57.	6.
2044	0000	-820	37.3670	80.7807	OMUU	1.0	1.1	5.9	1.11 -	0.18 -	6.01	1326.	57.	7.
2045	0000	-820	37.3670	80.7801	OMUU	1.1	0.9 -	6.5	0.85 -	0.14 -	6.10	1374.	59.	8.
2046	0000	-819	37.3669	80.7796	OMUU	1.1	1.1	6.4	1.01 -	0.17 -	5.85	1404.	58.	9.
2047	0000	-821	37.3669	80.7791	OMUU	1.1	1.0 -	7.0	0.88 -	0.14 -	6.17	1443.	57.	9.
2048	0000	-822	37.3669	80.7787	OMUU	1.2 +	1.0 -	6.9	0.81 -	0.14 -	5.80	1473.	55.	10.
2049	0000	-820	37.3669	80.7781	SMC	1.2 ++	1.0 -	7.1 +	0.82 ---	0.14 --	6.01 -	1489.	55.	11.
2050	0000	-821	37.3669	80.7776	SMC	1.1 ++	0.9 -	7.1 +	0.80 ---	0.13 --	6.25 -	1495.	55.	11.
2051	0000	-823	37.3669	80.7771	SMC	1.1 ++	1.0 -	7.1 +	0.83 ---	0.13 --	6.19 -	1501.	56.	12.
2052	0000	-823	37.3669	80.7767	SMC	1.1 ++	1.2	6.8 +	1.14 --	0.18 -	6.21 -	1509.	55.	12.
2053	0000	-824	37.3669	80.7762	SMC	1.0 ++	1.6	6.6 +	1.51 -	0.24	6.36 -	1511.	55.	11.
2054	0000	-823	37.3669	80.7757	SMC	1.0 ++	1.7	6.1	1.68 -	0.28	6.09 -	1501.	55.	11.
2055	0000	-821	37.3669	80.7752	SMC	0.9 +	1.8 +	6.1	1.97 -	0.30	6.59 -	1471.	59.	11.
2056	0000	-821	37.3669	80.7747	SMC	0.9 +	2.0 +	5.7	2.16 -	0.35	6.18 -	1449.	61.	10.
2057	0000	-822	37.3669	80.7742	SMC	0.9 +	2.2 ++	5.5	2.39 -	0.40	6.03 -	1423.	62.	9.
2058	0000	-822	37.3668	80.7737	SMC	0.9 +	2.3 ++	5.2	2.59	0.44	5.90 -	1398.	63.	8.
2059	0000	-822	37.3668	80.7732	SMC	0.8 +	2.2 ++	5.2	2.58	0.42	6.22 -	1354.	62.	7.
2060	0000	-822	37.3668	80.7726	SMC	0.9 +	2.0 +	5.5	2.33 -	0.38	6.21 -	1324.	62.	6.
2061	0000	-820	37.3668	80.7722	SMC	0.8 +	2.1 +	5.5	2.61	0.38	6.78 -	1287.	62.	5.
2062	0000	-819	37.3668	80.7717	SMC	0.8 +	2.1 +	5.5	2.67	0.38	7.05 -	1264.	61.	4.
2063	0000	-821	37.3668	80.7712	SMC	0.7 +	2.1 +	5.3	2.92	0.40	7.37 -	1250.	58.	4.
2064	0000	-822	37.3667	80.7706	SMC	0.7 +	1.9 +	5.5	2.59	0.35	7.64 -	1227.	60.	4.
2065	0000	-821	37.3667	80.7701	SMC	0.7 +	1.7 +	5.6	2.56	0.31	8.17 -	1193.	60.	4.
2066	0000	-823	37.3667	80.7696	SMC	0.7 +	1.8 +	5.5	2.59	0.32	8.08 -	1179.	60.	4.
2067	0000	-823	37.3667	80.7691	SMC	0.6 +	1.7 +	5.2	2.83	0.33	8.49 -	1155.	60.	5.
2068	0000	-821	37.3667	80.7686	SMC	0.7 +	1.5	5.3	2.21 -	0.28	8.01 -	1132.	60.	6.
2069	0000	-819	37.3667	80.7681	SMC	0.6 +	1.4	5.0	2.24 -	0.29	7.78 -	1107.	61.	6.
2070	0000	-819	37.3667	80.7676	SMC	0.6 +	1.3	5.1	1.99 -	0.25	7.87 -	1071.	63.	6.
2071	0000	-818	37.3667	80.7671	SMC	0.6 +	1.4	4.6	2.12 -	0.30	7.19 -	1048.	63.	7.
2072	0000	-816	37.3667	80.7666	SMC	0.6 +	1.4	4.6	2.42	0.32	7.63 -	1031.	65.	7.
2073	0000	-816	37.3667	80.7661	SMC	0.5	1.4	4.2	2.76	0.33	8.30 -	998.	64.	8.
2074	0000	-819	37.3667	80.7656	SMC	0.5	1.2	4.5	2.57	0.28	9.19 -	979.	64.	8.
2075	0000	-820	37.3666	80.7651	SMC	0.5	1.3	4.5	2.69	0.28	9.65	957.	65.	8.
2076	0000	-821	37.3666	80.7646	SMC	0.4	1.2	4.7	2.86	0.26	11.07	951.	65.	8.
2077	0000	-821	37.3666	80.7641	SMC	0.4	1.4	4.7	3.45	0.30	11.58	956.	63.	8.
2078	0000	-820	37.3666	80.7635	SMC	0.4	1.2	5.1	3.01	0.24	12.67	980.	61.	8.
2079	0000	-820	37.3666	80.7631	SMC	0.4	1.2	5.7	2.64	0.21 -	12.81	1005.	60.	7.
2080	0000	-820	37.3666	80.7626	SMC	0.5	1.2	6.2	2.31 -	0.19 -	12.19	1048.	60.	5.
2081	0000	-818	37.3665	80.7621	SMC	0.5	1.1	6.6 +	2.02 -	0.17 -	12.00	1087.	61.	4.
2082	0000	-818	37.3665	80.7616	SMC	0.5	1.5	7.1 +	2.87	0.21	13.74	1133.	59.	2.
2083	0000	-818	37.3665	80.7610	SMC	0.6 +	1.5	7.7 +	2.53	0.19 -	13.22	1187.	58.	1.
2084	0000	-819	37.3665	80.7605	SMC	0.6 +	1.4	8.3 +	2.21 -	0.16 -	13.41	1234.	58.	1.
2085	0000	-820	37.3665	80.7601	SMC	0.7 +	1.7	8.6 +	2.63	0.20 -	13.23	1283.	58.	0.
2086	0000	-818	37.3665	80.7596	SMC	0.6 +	1.8 +	8.4 +	2.80	0.21	13.05	1332.	60.	0.
2087	0000	-817	37.3665	80.7590	SMC	0.7 +	1.8 +	8.5 +	2.62	0.21	12.63	1370.	60.	1.
2088	0000	-818	37.3665	80.7585	SMC	0.7 +	1.9 +	8.1 +	2.84	0.24	11.82	1383.	61.	2.
2089	0000	-817	37.3665	80.7580	SMC	0.7 +	1.8 +	7.5 +	2.50	0.24	10.46	1371.	62.	3.
2090	0000	-820	37.3665	80.7576	SMC	0.7 +	1.8 +	6.9 +	2.70	0.26	10.42	1330.	61.	4.
2091	0000	-821	37.3665	80.7571	SMC	0.6 +	1.6	6.3 +	2.54	0.26	9.77	1270.	61.	5.

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* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-819	37.3665	80.7566	SMC	0.6 +	1.4	6.0	2.38 -	0.24	9.96	1186.	59.	5.
2093	0000	-820	37.3664	80.7561	SMC	0.6 +	1.2	5.6	2.10 -	0.22	9.50	1083.	57.	5.
2094	0000	-818	37.3664	80.7556	SMC	0.5	1.3	5.3	2.44	0.24	10.18	995.	56.	4.
2095	0000	-813	37.3664	80.7551	SMC	0.4	1.3	5.0	3.17	0.26	12.26	926.	55.	3.
2096	0000	-816	37.3664	80.7546	SMC	0.4	1.1	4.9	3.11	0.23	13.50	871.	56.	2.
2097	0000	-820	37.3664	80.7540	SMC	0.4	1.1	4.7	3.20	0.24	13.24	835.	57.	2.
2098	0000	-820	37.3664	80.7536	SMC	0.3	1.2	4.5	3.41	0.26	12.96	818.	58.	1.
2099	0000	-821	37.3663	80.7531	SMC	0.3	1.3	4.3	4.17	0.31	13.49	824.	60.	0.
2100	0000	-821	37.3663	80.7526	SMC	0.3	1.6	4.4	5.67	0.37	15.21	855.	57.	1.
2101	0000	-820	37.3663	80.7521	SMC	0.3	1.7	4.6	5.67	0.37	15.48	869.	56.	1.
2102	0000	-821	37.3663	80.7515	SMC	0.4	1.5	4.4	4.13	0.34	12.09	872.	59.	3.
2103	0000	-821	37.3663	80.7511	SMC	0.4	1.5	4.5	4.16	0.34	12.28	880.	57.	4.
2104	0000	-821	37.3663	80.7505	SMC	0.4	1.5	4.6	4.09	0.32	12.71	878.	57.	6.
2105	0000	-819	37.3663	80.7501	SMC	0.4	1.4	4.4	3.84	0.31	12.41	889.	58.	8.
2106	0000	-818	37.3663	80.7496	SMC	0.4	1.1	4.7	3.01	0.24	12.81	893.	58.	10.
2107	0000	-819	37.3663	80.7490	SMC	0.4	0.8 -	4.6	1.95 -	0.18 -	11.03	886.	60.	10.
2108	0000	-819	37.3663	80.7486	SMC	0.4	0.6 -	4.4	1.59 -	0.14 -	11.29	891.	63.	11.
2109	0000	-818	37.3663	80.7480	SMC	0.4	0.7 -	4.7	1.85 -	0.15 -	12.33	915.	64.	10.
2110	0000	-816	37.3663	80.7475	SMC	0.4	0.8 -	4.8	1.89 -	0.16 -	11.90	950.	66.	8.
2111	0000	-819	37.3662	80.7470	SMC	0.4	1.0	4.8	2.60	0.20 -	12.85	973.	66.	7.
2112	0000	-822	37.3662	80.7465	SMC	0.4	1.2	5.3	3.38	0.23	14.87	999.	65.	5.
2113	0000	-820	37.3662	80.7460	SMC	0.4	1.3	5.0	3.40	0.27	12.77	1023.	65.	3.
2114	0000	-819	37.3662	80.7455	SMC	0.4	1.3	5.4	3.38	0.25	13.53	1042.	66.	2.
2115	0000	-819	37.3662	80.7450	SMC	0.4	1.6	5.4	3.79	0.29	13.06	1056.	63.	0.
2116	0000	-818	37.3662	80.7445	SMC	0.4	1.7	5.3	4.50	0.32	14.18	1044.	60.	0.
2117	0000	-818	37.3662	80.7440	SMC	0.3	1.8 +	5.1	5.57	0.36	15.61	1008.	60.	1.
2118	0000	-818	37.3662	80.7435	SMC	0.3	1.8 +	5.1	5.42	0.36	15.27	992.	57.	1.
2119	0000	-817	37.3662	80.7430	SMC	0.3	1.6	4.8	4.73	0.33	14.37	948.	58.	1.
2120	0000	-818	37.3662	80.7425	SMC	0.3	1.5	4.5	5.68	0.34	16.76	894.	59.	2.
2121	0000	-817	37.3662	80.7420	SMC	0.2	1.7	4.1	7.30 +	0.41	17.77	854.	59.	3.
2122	0000	-817	37.3662	80.7415	SMC	0.2	1.5	4.2	6.33	0.35	17.88	838.	59.	4.
2123	0000	-816	37.3661	80.7410	SMC	0.3	1.3	4.3	4.87	0.30	16.19	845.	59.	5.
2124	0000	-815	37.3661	80.7405	SMC	0.3	1.1	4.7	3.87	0.24	16.14	883.	56.	4.
2125	0000	-815	37.3661	80.7400	SMC	0.3	1.0	5.1	3.11	0.20 -	15.70	905.	58.	5.
2126	0000	-816	37.3661	80.7395	SMC	0.3	0.9 -	5.6	2.62	0.16 -	16.87	931.	56.	5.
2127	0000	-814	37.3661	80.7390	SMC	0.3	0.8 -	5.9	2.65	0.14 -	18.38 +	933.	55.	6.
2128	0000	-813	37.3661	80.7385	SMC	0.3	0.6 -	6.1	2.02 -	0.11 --	19.09 +	920.	56.	6.
2129	0000	-815	37.3660	80.7379	SMC	0.3	0.7 -	5.6	2.51	0.13 --	19.44 +	892.	58.	6.
2130	0000	-815	37.3660	80.7375	DLMU-1	0.3	0.7 -	5.4	2.57	0.13 --	19.96 +	861.	59.	7.
2131	0000	-815	37.3660	80.7370	DLMU-1	0.3	0.6 --	4.8	2.34	0.13 --	18.39 +	807.	59.	8.
2132	0000	-815	37.3660	80.7365	DLMU-1	0.2	0.6 --	4.2	2.54	0.14 --	18.76 +	755.	59.	8.
2133	0000	-815	37.3660	80.7360	DLMU-1	0.2 -	0.8 -	3.6	4.15	0.22 -	19.24 +	730.	59.	9.
2134	0000	-815	37.3660	80.7355	DLMU-1	0.2	0.8 -	3.5	3.80	0.24 -	16.09 +	743.	58.	9.
2135	0000	-816	37.3660	80.7350	DLMU-1	0.2	0.9 -	3.4	3.94	0.26	15.24	779.	56.	10.
2136	0000	-815	37.3660	80.7345	DLMU-1	0.3	0.9 -	4.0	2.97	0.21 -	14.00	838.	54.	10.
2137	0000	-813	37.3660	80.7340	DLMU-1	0.3	1.1	4.9	3.72	0.23 -	15.88 +	907.	52.	10.
2138	0000	-814	37.3660	80.7335	DLMU-1	0.3	1.2	5.5 +	3.84	0.22 -	17.08 +	965.	53.	11.
2139	0000	-813	37.3660	80.7330	DLMU-1	0.3	1.2	6.0 +	3.75	0.21 -	18.14 +	1023.	52.	12.
2140	0000	-812	37.3660	80.7325	DLMU-1	0.4	1.3	6.4 +	3.55	0.21 -	16.74 +	1064.	52.	11.
2141	0000	-813	37.3659	80.7320	DLMU-1	0.4	1.3	6.4 +	3.53	0.21 -	16.89 +	1087.	49.	12.
2142	0000	-812	37.3659	80.7315	DLMU-1	0.4	1.5	6.6 +	4.07	0.22 -	18.37 +	1083.	48.	11.

CP 9 IP 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		*
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-811	37.3659	80.7310 DLMU-1	0.3	1.4	6.3 +	4.34	0.23 -	19.26 +	1042.	48.	11.
2144	0000	-811	37.3659	80.7304 DLMU-1	0.3	1.2	5.5 +	3.59	0.21 -	16.77 +	985.	49.	10.
2145	0000	-810	37.3659	80.7300 DLMU-1	0.3	1.3	4.9	4.29	0.26	15.81 +	939.	49.	9.
2146	0000	-811	37.3659	80.7295 DLMU-1	0.3	1.3	4.6	4.37	0.28	15.78 +	907.	50.	8.
2147	0000	-811	37.3658	80.7290 DLMU-1	0.3	1.3	4.4	4.94	0.29	17.09 +	876.	50.	7.
2148	0000	-809	37.3658	80.7285 DLMU-1	0.2	1.6	4.2	6.56 +	0.39	16.76 +	870.	51.	6.
2149	0000	-810	37.3658	80.7279 DLMU-1	0.3	1.8	4.1	7.26 +	0.44	16.57 +	861.	53.	6.
2150	0000	-810	37.3658	80.7274 DLMU-1	0.3	1.8	3.9	6.62 +	0.45	14.81	868.	54.	5.
2151	0000	-809	37.3658	80.7270 DLMU-1	0.3	1.8	3.9	6.86 +	0.47	14.70	890.	54.	6.
2152	0000	-809	37.3658	80.7265 DLMU-1	0.3	2.0	3.8	6.49 +	0.52 +	12.56	924.	54.	7.
2153	0000	-809	37.3658	80.7259 DLMU-1	0.4	2.0 +	3.7	5.54	0.55 +	10.08	962.	55.	8.
2154	0000	-809	37.3658	80.7254 DLMU-1	0.4	2.0	3.6	4.71	0.55 +	8.58	1009.	56.	10.
2155	0000	-810	37.3658	80.7249 DLMU-1	0.5	1.6	4.0	3.30	0.41	8.16	1051.	56.	11.
2156	0000	-809	37.3658	80.7244 DLMU-1	0.5	1.6	3.7	2.93	0.42	6.92	1103.	57.	13.
2157	0000	-809	37.3658	80.7239 DLMU-1	0.6	1.7	3.8	3.06	0.45	6.82	1143.	59.	14.
2158	0000	-810	37.3657	80.7234 DLMU-1	0.6	1.8	3.9	2.96	0.46	6.44	1158.	58.	14.
2159	0000	-809	37.3657	80.7229 DLMU-1	0.6	1.5	3.8	2.50	0.40	6.31	1155.	59.	16.
2160	0000	-809	37.3657	80.7224 DLMU-1	0.6	1.4	4.2	2.53	0.34	7.40	1143.	57.	16.
2161	0000	-810	37.3657	80.7219 DLMU-1	0.5	1.5	4.1	2.88	0.35	8.16	1105.	58.	16.
2162	0000	-809	37.3657	80.7214 DLMU-1	0.4	1.4	3.5	3.14	0.40	7.93	1039.	61.	16.
2163	0000	-807	37.3657	80.7209 DLMU-1	0.4	1.2	3.4	2.87	0.35	8.25	974.	58.	17.
2164	0000	-805	37.3656	80.7204 DLMU-1	0.4	1.0	3.2	2.61	0.32	8.22	906.	57.	16.
2165	0000	-806	37.3656	80.7199 DLMU-1	0.3	0.8 -	3.1	2.54	0.26	9.81	849.	57.	16.
2166	0000	-806	37.3656	80.7194 SMC	0.3	0.7 -	2.9 -	2.28 -	0.24	9.68	782.	56.	16.
2167	0000	-806	37.3656	80.7189 SMC	0.3	0.6 -	2.2 -	2.26 -	0.28	8.21 -	715.	59.	16.
2168	0000	-806	37.3656	80.7184 SMC	0.3	0.5 --	2.2 -	1.80 -	0.22	8.27 -	667.	58.	14.
2169	0000	-805	37.3656	80.7179 SMC	0.2	0.7 -	2.2 -	3.09	0.31	10.11	636.	57.	12.
2170	0000	-806	37.3656	80.7174 SMC	0.2	0.7 -	1.9 --	3.74	0.39	9.69	605.	58.	11.
2171	0000	-807	37.3656	80.7170 SMC	0.1 -	0.9 -	2.0 --	6.46	0.45	14.26	587.	57.	9.
2172	0000	-805	37.3656	80.7165 SMC	0.1 -	1.0 -	2.0 -	7.61 +	0.48 +	15.99	595.	57.	8.
2173	0000	-806	37.3656	80.7159 SMC	0.1 --	1.1	2.4 -	10.61 +	0.44	23.88 ++	615.	56.	6.
2174	0000	-808	37.3656	80.7154 SMC	0.1 --	1.3	2.6 -	12.43 ++	0.51 +	24.27 ++	642.	55.	4.
2175	0000	-806	37.3656	80.7149 SMC	0.1 -	1.5	2.3 -	10.78 ++	0.62 +	17.35	661.	54.	4.
2176	0000	-806	37.3655	80.7144 SMC	0.1 -	1.5	2.3 -	10.76 ++	0.66 +	16.35	675.	53.	3.
2177	0000	-806	37.3655	80.7139 SMC	0.1 --	1.6	2.6 -	15.22 ++	0.61 +	24.93 ++	706.	52.	3.
2178	0000	-805	37.3655	80.7134 SMC	0.1 -	1.7	2.4 -	12.99 ++	0.71 ++	18.31 +	720.	52.	4.
2179	0100	-806	37.3655	80.7129 SMC	0.1 N.A.	2.0 +	2.1 -	20.34 N.A.	0.92 ++	22.01 N.A.	712.	53.	4.
2180	0000	-807	37.3655	80.7124 SMC	0.1 -	2.0 +	2.0 -	15.25 ++	0.98 ++	15.63	716.	54.	4.
2181	0000	-805	37.3655	80.7119 SMC	0.1 -	1.9 +	1.9 --	15.20 ++	1.00 ++	15.22	705.	57.	6.
2182	0000	-804	37.3655	80.7114 SMC	0.1 --	1.8 +	2.1 -	18.21 +++	0.87 ++	20.92 +	709.	56.	7.
2183	0000	-806	37.3654	80.7109 SMC	0.1 -	1.4	2.5 -	9.71 +	0.56 +	17.27	712.	58.	8.
2184	0000	-806	37.3654	80.7104 SMC	0.2 -	1.4	2.9	7.95 +	0.48 +	16.68	708.	60.	8.
2185	0000	-804	37.3654	80.7099 SMC	0.2 -	1.3	3.3	7.37 +	0.40	18.62 +	724.	62.	8.
2186	0000	-803	37.3654	80.7094 SMC	0.2	0.9 -	3.5	4.53	0.27	16.98	724.	64.	8.
2187	0000	-802	37.3654	80.7089 SMC	0.2 -	1.0	3.8	5.71	0.27	21.24 +	736.	64.	8.
2188	0000	-802	37.3654	80.7084 SMC	0.2	1.1	4.1	5.78	0.28	20.83 +	765.	60.	7.
2189	0000	-800	37.3654	80.7079 SMC	0.2	1.1	4.2	4.74	0.26	17.94 +	780.	60.	6.
2190	0000	-798	37.3654	80.7074 SMC	0.2	1.3	4.3	5.87	0.31	19.11 +	802.	57.	6.
2191	0000	-800	37.3654	80.7068 SMC	0.2	1.2	4.4	5.19	0.28	18.45 +	826.	56.	5.
2192	0000	-801	37.3654	80.7064 SMC	0.2	1.3	4.6	5.29	0.27	19.32 +	834.	54.	5.
2193	0000	-800	37.3654	80.7059 DMUU	0.3 -	1.3	4.9	4.91 +	0.27	18.40 ++	862.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-799	37.3653	80.7054	OMUU	0.3 -	1.5	5.0	5.33 +	0.30	17.60 +	903.	53.	5.
2195	0000	-799	37.3653	80.7048	OMUU	0.3 -	1.6	5.3	5.03 +	0.30	16.85 +	935.	54.	5.
2196	0000	-798	37.3653	80.7043	OMUU	0.3	1.8	5.7	5.41 +	0.32	16.65 +	997.	52.	5.
2197	0000	-797	37.3653	80.7038	OMUU	0.4	1.8	5.8	4.01 +	0.31	12.92 +	1067.	53.	5.
2198	0000	-797	37.3653	80.7034	OMUU	0.5	2.1 +	5.7	4.17 +	0.37	11.23	1129.	52.	6.
2199	0000	-797	37.3653	80.7029	OMUU	0.6	2.5 ++	5.7	4.32 +	0.45 +	9.66	1213.	51.	5.
2200	0000	-797	37.3653	80.7023	OMUU	0.7	2.7 ++	5.9	4.10 +	0.46 +	8.97	1294.	50.	4.
2201	0000	-794	37.3653	80.7018	OMUU	0.7	2.6 ++	6.0	3.44	0.43 +	8.01	1348.	51.	3.
2202	0000	-794	37.3653	80.7013	OMUU	0.8	2.6 ++	6.1	3.13	0.43 +	7.21	1394.	50.	3.
2203	0000	-794	37.3653	80.7008	OMUU	0.9	2.6 ++	5.4	2.83	0.49 +	5.83	1393.	51.	2.
2204	0000	-792	37.3653	80.7003	OMUU	0.9	2.9 ++	5.0	3.11	0.58 ++	5.37 -	1353.	50.	2.
2205	0000	-792	37.3652	80.6998	OMUU	1.0	2.7 ++	4.6	2.85	0.59 ++	4.80 -	1320.	51.	1.
2206	0000	-793	37.3652	80.6993	OMUU	1.0	2.3 +	4.6	2.38	0.50 +	4.79 -	1260.	52.	2.
2207	0000	-792	37.3652	80.6988	OMUU	0.9	2.4 +	4.0	2.57	0.59 ++	4.36 -	1181.	52.	2.
2208	0000	-790	37.3652	80.6984	OMUU	0.9	2.3 +	3.6 -	2.67	0.63 ++	4.23 -	1094.	48.	2.
2209	0000	-788	37.3652	80.6979	OMUU	0.7	2.2 +	3.1 -	3.04	0.72 ++	4.23 -	1009.	50.	3.
2210	0000	-788	37.3652	80.6973	OMUU	0.6	2.0	3.2 -	3.16	0.62 ++	5.09 -	960.	52.	4.
2211	0000	-789	37.3652	80.6969	OMUU	0.5	1.7	3.1 -	3.09	0.55 ++	5.65 -	933.	52.	5.
2212	0000	-789	37.3651	80.6964	OMUU	0.5	1.6	3.2 -	3.23	0.48 +	6.69	923.	51.	7.
2213	0000	-788	37.3651	80.6959	OMUU	0.4	1.2	3.1 -	2.76	0.39 +	7.13	927.	52.	9.
2214	0000	-789	37.3651	80.6954	OMUU	0.4	1.0 -	3.4 -	2.40	0.29	8.24	965.	49.	11.
2215	0000	-788	37.3651	80.6948	OMUU	0.4	0.9 -	3.2 -	2.27	0.28	8.00	988.	51.	12.
2216	0000	-787	37.3651	80.6943	OMUU	0.4	0.7 -	3.4 -	1.74	0.22	7.99	1000.	50.	13.
2217	0000	-790	37.3651	80.6938	OMUU	0.4	0.7 -	3.5 -	1.65	0.19	8.55	994.	47.	15.
2218	0000	-790	37.3651	80.6934	OMUU	0.4	0.7 -	3.6 -	1.75	0.19	9.13	977.	47.	15.
2219	0000	-788	37.3651	80.6928	OMUU	0.4	0.5 --	3.3 -	1.34	0.14 -	9.27	923.	49.	15.
2220	0000	-789	37.3651	80.6923	OMUU	0.3 -	0.7 -	3.0 -	2.24	0.23	9.62	863.	50.	14.
2221	0000	-789	37.3651	80.6918	CCR-1	0.3 -	0.7 -	2.7 -	2.38	0.27 -	8.84	799.	52.	13.
2222	0000	-790	37.3651	80.6913	CCR-1	0.3 -	0.7 -	2.8 -	2.48	0.25 -	9.86	744.	50.	12.
2223	0000	-792	37.3651	80.6908	CCR-1	0.2 -	0.7 -	2.6 -	3.00	0.28	10.71 +	706.	50.	11.
2224	0000	-791	37.3650	80.6903	CCR-1	0.2 --	0.7 -	2.5 -	3.18	0.29	10.83 +	660.	51.	10.
2225	0000	-789	37.3650	80.6898	CCR-1	0.2 --	0.6 -	2.5 -	2.72	0.25 -	10.77 +	624.	52.	9.
2226	0000	-789	37.3650	80.6893	CCR-1	0.2 --	0.8 -	2.5 -	3.44	0.30	11.40 +	612.	50.	7.
2227	0000	-789	37.3650	80.6888	CCR-1	0.2 --	0.7 -	2.4 -	3.43	0.31	11.18 +	599.	51.	7.
2228	0000	-788	37.3650	80.6883	CCR-1	0.2 --	0.7 -	2.4 -	3.36	0.28	12.15 +	600.	53.	7.
2229	0000	-788	37.3650	80.6878	CCR-1	0.2 --	0.6 --	2.4 -	2.71	0.25 -	11.04 +	618.	54.	7.
2230	0000	-787	37.3649	80.6873	CCR-1	0.2 -	0.6 --	2.7 -	2.42	0.21 -	11.55 +	646.	53.	8.
2231	0000	-787	37.3649	80.6868	CCR-1	0.2 --	0.6 -	3.0 -	2.91	0.21 -	13.67 +	702.	53.	9.
2232	0000	-786	37.3649	80.6863	CCR-1	0.2 --	0.8 -	2.9 -	3.38	0.26 -	12.85 +	747.	52.	10.
2233	0000	-786	37.3649	80.6857	CCR-1	0.2 -	0.7 -	3.1 -	2.94	0.23 -	12.88 +	770.	53.	10.
2234	0000	-787	37.3649	80.6853	OKU	0.3 -	0.8 -	3.6	2.99	0.21 -	14.33 +	813.	52.	10.
2235	0000	-786	37.3649	80.6848	OKU	0.3 -	0.8 -	3.7	2.78	0.20 -	13.59 +	832.	51.	10.
2236	0000	-787	37.3649	80.6843	OKU	0.3 -	1.0 -	3.6	3.75	0.27	13.72 +	830.	52.	9.
2237	0000	-789	37.3649	80.6838	OKU	0.3 -	1.1	3.2 -	4.05 +	0.33	12.31 +	819.	52.	9.
2238	0000	-790	37.3649	80.6832	OKU	0.3 -	1.2	3.1 -	4.25 +	0.37	11.37	800.	49.	7.
2239	0000	-791	37.3649	80.6827	OKU	0.3 -	1.2	3.3 -	4.36 +	0.35	12.43 +	793.	49.	6.
2240	0000	-792	37.3649	80.6823	OKU	0.3 -	1.2	3.4 -	4.35 +	0.36	12.19 +	788.	48.	6.
2241	0000	-792	37.3649	80.6818	OKU	0.2 -	1.5	3.1 -	6.04 +	0.49 +	12.39 +	777.	49.	5.
2242	0000	-795	37.3648	80.6812	OKU	0.2 -	1.6	2.9 -	7.02 ++	0.55 +	12.72 +	774.	47.	5.
2243	0000	-797	37.3648	80.6807	OKU	0.2 -	1.5	3.1 -	6.58 +	0.49 +	13.38 +	760.	45.	5.
2244	0000	-799	37.3648	80.6802	OKU	0.2 -	1.4	3.1 -	6.03 +	0.46 +	13.08 +	773.	46.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-802	37.3648	80.6797	OKU	0.3 -	1.2	2.9 -	4.11 +	0.40	10.31	769.	46.	7.
2246	0000	-805	37.3648	80.6792	OKU	0.3 -	1.1	3.0 -	3.74	0.36	10.48	764.	46.	8.
2247	0000	-806	37.3648	80.6788	OKU	0.3 -	1.0 -	2.8 -	3.30	0.35	9.45	769.	45.	9.
2248	0000	-805	37.3648	80.6782	OKU	0.3 -	0.9 -	2.6 --	2.89	0.33	8.66	758.	45.	9.
2249	0000	-802	37.3648	80.6777	OKU	0.3 -	0.8 -	2.5 --	2.39	0.31	7.82	742.	45.	10.
2250	0000	-800	37.3648	80.6771	OKU	0.3 -	0.6 -	2.5 --	1.87	0.25	7.36	747.	46.	11.
2251	0000	-797	37.3648	80.6766	OMUU	0.4	0.5 --	2.8 -	1.41	0.18 -	7.76	739.	44.	10.
2252	0000	-794	37.3648	80.6761	OMUU	0.4	0.5 --	3.0 -	1.38	0.17 -	8.26	737.	47.	9.
2253	0000	-791	37.3648	80.6755	OMUU	0.4	0.6 -	3.0 -	1.50	0.20	7.54	750.	46.	9.
2254	0000	-789	37.3649	80.6750	OMUU	0.4	0.7 -	3.5 -	1.69	0.19	8.95	767.	48.	9.
2255	0000	-788	37.3649	80.6744	OMUU	0.4	0.6 -	3.8	1.47	0.17 -	8.77	788.	47.	8.
2256	0000	-787	37.3649	80.6739	OMUU	0.4	0.6 -	4.2	1.33	0.14 -	9.57	810.	48.	8.
2257	0000	-786	37.3649	80.6734	OMUU	0.4	0.7 -	4.5	1.53	0.15 -	10.06	828.	46.	6.
2258	0000	-785	37.3649	80.6728	OMUU	0.4	0.9 -	4.7	2.06	0.19	10.99	850.	47.	5.
2259	0000	-785	37.3649	80.6723	OMUU	0.4	1.1	4.8	2.87	0.24	12.13	867.	47.	4.
2260	0000	-786	37.3649	80.6718	OMUU	0.4	1.4	4.8	4.00 +	0.29	13.67 +	883.	48.	2.
2261	0000	-785	37.3650	80.6712	OMUU	0.4	1.6	4.6	4.30 +	0.35	12.21	923.	47.	1.
2262	0000	-785	37.3650	80.6707	OMUU	0.4	1.6	4.8	3.62	0.33	10.89	980.	48.	1.
2263	0000	-786	37.3650	80.6701	OMUU	0.5	1.8	4.8	3.85	0.38	10.26	1043.	49.	0.
2264	0000	-783	37.3650	80.6695	OMUU	0.5	2.0 +	5.1	3.91 +	0.39 +	9.93	1112.	52.	1.
2265	0000	-783	37.3651	80.6690	OMUU	0.6	1.9	5.0	3.22	0.38 +	8.50	1168.	53.	1.
2266	0000	-785	37.3651	80.6684	OMUU	0.7	1.7	5.4	2.41	0.32	7.46	1231.	51.	2.
2267	0000	-784	37.3651	80.6679	OMUU	0.8	1.5	6.1	1.82	0.24	7.50	1284.	51.	3.
2268	0000	-785	37.3651	80.6673	OMUU	0.9	1.3	6.4	1.56	0.21	7.51	1301.	52.	5.
2269	0000	-787	37.3651	80.6669	OMUU	0.9	1.3	6.6	1.47	0.19	7.60	1305.	54.	7.
2270	0000	-786	37.3651	80.6662	OMUU	0.9	1.1	6.6	1.13 -	0.16 -	7.04	1314.	52.	8.
2271	0000	-786	37.3651	80.6657	OMUU	1.0	0.8 -	6.4	0.84 -	0.13 --	6.55	1309.	52.	10.
2272	0000	-787	37.3652	80.6652	OMUU	0.9	0.7 -	6.4	0.78 -	0.11 --	6.83	1297.	53.	11.
2273	0000	-786	37.3652	80.6647	OMUU	0.9	0.9 -	6.2	1.02 -	0.15 -	7.02	1297.	52.	11.
2274	0000	-786	37.3651	80.6641	OMUU	0.9	0.9 -	5.9	1.02 -	0.16 -	6.54	1301.	53.	11.
2275	0000	-787	37.3652	80.6636	OMUU	1.0	1.1	5.8	1.15 -	0.19	6.03	1327.	54.	9.
2276	0000	-786	37.3652	80.6630	OMUU	1.0	1.2	6.0	1.24 -	0.21	6.02	1356.	53.	8.
2277	0000	-787	37.3652	80.6625	OMUU	1.0	1.3	6.3	1.31	0.21	6.32	1357.	56.	6.
2278	0000	-787	37.3653	80.6619	OMUU	1.0	1.4	6.4	1.40	0.22	6.47	1359.	55.	6.
2279	0000	-786	37.3653	80.6614	OMUU	1.0	1.4	6.7	1.40	0.21	6.59	1378.	53.	5.
2280	0000	-784	37.3653	80.6609	OMUU	1.0	1.5	6.9	1.45	0.22	6.74	1392.	56.	5.
2281	0000	-785	37.3653	80.6603	OMUU	1.0	1.4	6.9	1.38	0.20	6.78	1406.	56.	5.
2282	0000	-787	37.3653	80.6598	OMUU	1.0	1.3	6.9	1.24 -	0.18 -	6.82	1404.	56.	6.
2283	0000	-788	37.3653	80.6592	OMUU	1.0	1.1	6.7	1.17 -	0.17 -	6.97	1397.	55.	9.
2284	0000	-788	37.3653	80.6587	OMUU	0.9	1.1	6.9	1.18 -	0.16 -	7.45	1406.	52.	10.
2285	0000	-788	37.3654	80.6581	OMUU	0.9	1.1	7.0	1.31	0.16 -	8.03	1401.	52.	10.
2286	0000	-789	37.3654	80.6576	OMUU	0.8	1.2	6.9	1.41	0.17 -	8.26	1392.	52.	11.
2287	0000	-789	37.3654	80.6571	OMUU	0.8	1.0 -	6.8	1.20 -	0.14 -	8.44	1374.	51.	12.
2288	0000	-788	37.3654	80.6566	OMUU	0.8	1.0	6.7	1.36	0.15 -	8.86	1350.	50.	13.
2289	0000	-791	37.3654	80.6560	OMUU	0.7	1.0	6.6	1.51	0.15 -	9.80	1322.	49.	13.
2290	0000	-792	37.3654	80.6555	OMUU	0.7	1.2	6.5	1.70	0.18 -	9.56	1294.	50.	12.
2291	0000	-789	37.3654	80.6549	OMUU	0.7	1.2	6.2	1.59	0.19	8.44	1298.	53.	13.
2292	0000	-789	37.3655	80.6544	OMUU	0.7	1.1	6.0	1.50	0.19 -	8.11	1311.	52.	13.
2293	0000	-790	37.3655	80.6538	OMUU	0.8	1.2	5.9	1.53	0.20	7.50	1319.	50.	13.
2294	0000	-792	37.3655	80.6533	OMUU	0.8	1.5	6.0	1.96	0.25	7.79	1334.	52.	12.
229[illegible]	0000	-794	37.3655	80.6527	OMUU	0.8	1.7	6.0	2.13	0.28	7.70	1346.	52.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-793	37.3655	80.6522	OMUU	0.9	1.6	6.2	1.88	0.26	7.27	1379.	53.	10.
2297	0000	-793	37.3655	80.6517	OMUU	0.9	1.6	6.3	1.90	0.26	7.34	1409.	53.	9.
2298	0000	-795	37.3655	80.6510	OMUU	0.9	1.7	6.1	1.89	0.27	6.95	1418.	52.	8.
2299	0000	-796	37.3656	80.6506	OMUU	0.9	2.0	6.2	2.16	0.31	6.88	1437.	55.	7.
2300	0000	-797	37.3656	80.6500	OMUU	0.9	1.9	6.2	2.11	0.31	6.75	1442.	56.	6.
2301	0000	-796	37.3656	80.6495	OMUU	1.0	1.8	6.2	1.86	0.30	6.22	1451.	58.	5.
2302	0000	-795	37.3656	80.6489	OMUU	1.1	1.9	6.0	1.77	0.31	5.68 -	1470.	58.	5.
2303	0000	-796	37.3656	80.6484	OMUU	1.0	2.0 +	5.9	1.92	0.34	5.66 -	1469.	56.	4.
2304	0000	-797	37.3656	80.6478	OMUU	1.1	1.9	6.1	1.76	0.31	5.58 -	1470.	58.	3.
2305	0000	-798	37.3656	80.6474	OMUU	1.1	2.0 +	6.3	1.86	0.31	5.94	1462.	60.	2.
2306	0000	-800	37.3657	80.6467	OMUU	1.1	1.9	6.3	1.71	0.30	5.74 -	1468.	57.	2.
2307	0000	-800	37.3657	80.6462	OMUU	1.1	1.8	6.3	1.61	0.29	5.58 -	1467.	61.	2.
2308	0000	-800	37.3657	80.6457	OMUU	1.1	1.8	6.1	1.62	0.30	5.49 -	1456.	62.	2.
2309	0000	-800	37.3657	80.6452	OMUU	1.1	1.8	6.2	1.62	0.28	5.73 -	1445.	63.	3.
2310	0000	-800	37.3657	80.6446	OMUU	1.1	1.7	6.1	1.60	0.29	5.58 -	1443.	66.	3.
2311	0000	-800	37.3657	80.6440	OMUU	1.1	1.7	5.8	1.51	0.29	5.30 -	1435.	64.	4.
2312	0000	-801	37.3657	80.6435	OMUU	1.1	1.5	6.2	1.40	0.25	5.66 -	1433.	62.	5.
2313	0000	-801	37.3658	80.6429	OMUU	1.1	1.4	6.3	1.24 -	0.22	5.64 -	1421.	66.	7.
2314	0000	-802	37.3658	80.6424	OMUU	1.1	1.2	6.5	1.14 -	0.19	6.01	1422.	63.	8.
2315	0000	-803	37.3658	80.6419	OMUU	1.1	1.3	6.7	1.25 -	0.20	6.26	1425.	62.	8.
2316	0000	-802	37.3658	80.6414	OMUU	1.1	1.2	6.8	1.10 -	0.17 -	6.33	1408.	59.	9.
2317	0000	-800	37.3658	80.6408	OMUU	1.0	1.2	6.9	1.13 -	0.17 -	6.65	1379.	57.	9.
2318	0000	-800	37.3658	80.6403	OMUU	1.0	1.3	6.6	1.31	0.19	6.92	1351.	61.	9.
2319	0000	-802	37.3658	80.6397	OMUU	0.9	1.2	6.0	1.32	0.21	6.36	1315.	61.	9.
2320	0000	-802	37.3659	80.6392	OMUU	0.9	1.2	5.6	1.31	0.20	6.40	1262.	58.	9.
2321	0000	-802	37.3659	80.6386	OMUU	0.8	1.3	5.0	1.59	0.26	6.11	1206.	61.	8.
2322	0000	-802	37.3659	80.6381	OMUU	0.8	1.1	4.9	1.32	0.22	6.11	1163.	61.	8.
2323	0000	-803	37.3659	80.6376	OMUU	0.8	0.9 -	5.0	1.20 -	0.18 -	6.51	1135.	64.	8.
2324	0000	-804	37.3659	80.6370	STC-2	0.7	1.1	4.6	1.42 -	0.23	6.30 -	1131.	62.	8.
2325	0000	-805	37.3659	80.6365	STC-2	0.7	1.2	4.9	1.58 -	0.24	6.69 -	1140.	60.	6.
2326	0000	-805	37.3660	80.6360	STC-2	0.7	1.3	5.3	1.84	0.24	7.61	1141.	60.	5.
2327	0000	-804	37.3660	80.6354	STC-2	0.7	1.4	5.5	1.98	0.26	7.73	1161.	62.	4.
2328	0000	-804	37.3660	80.6348	STC-2	0.7	1.4	5.8	2.07	0.25	8.46	1182.	62.	4.
2329	0000	-805	37.3660	80.6343	STC-2	0.7	1.4	5.9	2.17	0.24	8.90	1184.	62.	4.
2330	0000	-806	37.3660	80.6337	STC-2	0.6	1.8	5.6	2.95	0.33	9.00	1197.	60.	4.
2331	0000	-806	37.3660	80.6332	STC-2	0.7	1.7	5.9	2.56	0.29	8.86	1195.	62.	4.
2332	0000	-807	37.3660	80.6326	STC-2	0.6	1.7	6.1	2.64	0.28	9.42	1188.	63.	4.
2333	0000	-808	37.3661	80.6322	STC-2	0.6	1.7	5.9	2.71	0.28	9.59	1173.	64.	4.
2334	0000	-807	37.3661	80.6315	STC-2	0.6	1.6	5.6	2.62	0.28	9.28	1136.	64.	5.
2335	0000	-808	37.3661	80.6311	STC-2	0.6	1.5	5.2	2.62	0.28	9.21	1092.	64.	5.
2336	0000	-807	37.3661	80.6305	STC-2	0.5	1.4	5.0	2.61	0.28	9.32	1051.	63.	5.
2337	0000	-807	37.3661	80.6300	STC-2	0.5	1.3	4.6	2.64	0.27	9.63	985.	65.	5.
2338	0000	-809	37.3661	80.6294	STC-2	0.4	1.1	4.3 -	2.96	0.26	11.48	911.	67.	6.
2339	0000	-810	37.3661	80.6289	STC-1	0.3 +	0.9	3.6 +	2.79	0.25	11.00	844.	67.	7.
2340	0000	-810	37.3662	80.6283	STC-1	0.3 +	1.0	3.3	2.97	0.29	10.16	808.	66.	7.
2341	0000	-811	37.3662	80.6278	STC-1	0.3	1.1	3.2	4.10	0.33	12.38	794.	65.	8.
2342	0000	-810	37.3662	80.6272	STC-1	0.2	1.0	3.1	4.06	0.32	12.65	785.	66.	9.
2343	0000	-810	37.3662	80.6267	STC-1	0.2	1.1	3.0	5.13	0.37	13.71	776.	68.	10.
2344	0000	-811	37.3662	80.6262	STC-1	0.3	1.1	3.2	4.24	0.34	12.35	789.	68.	10.
2345	0000	-809	37.3662	80.6256	STC-1	0.3	1.1	3.4	4.19	0.33	12.84	801.	65.	10.
2346	0000	-810	37.3662	80.6251	STC-1	0.3	1.2	3.4	4.24	0.35	12.02	802.	66.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-812	37.3663	80.6245	STC-1	0.3	1.1	3.3	4.31	0.34	12.62	779.	67.	9.
2348	0000	-812	37.3663	80.6240	STC-1	0.3	1.3	3.3	4.93	0.39	12.56	772.	67.	8.
2349	0000	-812	37.3663	80.6234	STC-1	0.3	1.4	3.3	5.28	0.43	12.33	764.	67.	7.
2350	0000	-812	37.3663	80.6229	STC-1	0.3	1.5 +	3.4	5.59	0.44	12.78	754.	67.	5.
2351	0000	-811	37.3663	80.6224	STC-1	0.2	1.4	3.7 +	5.87	0.38	15.30	735.	65.	4.
2352	0000	-813	37.3663	80.6218	STC-1	0.2	1.5 +	3.5	6.76	0.42	15.94	724.	64.	4.
2353	0000	-814	37.3663	80.6213	STC-1	0.2	1.6 +	3.5	9.08 +	0.46	19.60 +	706.	63.	3.
2354	0000	-813	37.3664	80.6208	STC-1	0.2 -	1.7 +	3.5	10.18 +	0.48	21.10 +	704.	64.	2.
2355	0000	-813	37.3664	80.6202	STC-1	0.2 -	1.4	3.5	8.89 +	0.39	22.63 ++	678.	64.	3.
2356	0000	-813	37.3664	80.6197	STC-1	0.2	1.2	3.4	6.61	0.35	18.93 +	664.	64.	3.
2357	0000	-812	37.3664	80.6191	STC-1	0.2	1.1	3.3	5.63	0.32	17.63 +	653.	65.	4.
2358	0000	-814	37.3664	80.6186	STC-1	0.2	1.0	2.8	4.33	0.34	12.85	641.	67.	5.
2359	0000	-815	37.3664	80.6180	STC-1	0.3	0.9	2.5	3.47	0.34	10.08	631.	69.	5.
2360	0000	-815	37.3664	80.6175	STC-1	0.3	0.7 -	2.6	2.89	0.28	10.45	626.	70.	6.
2361	0000	-816	37.3665	80.6170	STC-1	0.2	0.6 -	2.9	2.76 -	0.22 -	12.54	609.	71.	6.
2362	0000	-816	37.3665	80.6163	STC-1	0.2	0.8	2.9	3.35	0.28	11.99	619.	72.	6.
2363	0000	-816	37.3665	80.6159	STC-1	0.2	0.9	3.1	4.56	0.29	15.50	628.	73.	6.
2364	0000	-815	37.3665	80.6153	STC-1	0.2	1.1	3.2	5.16	0.34	15.34	659.	73.	6.
2365	0000	-815	37.3665	80.6148	STC-1	0.2	1.2	3.2	5.27	0.37	14.27	703.	73.	6.
2366	0000	-816	37.3665	80.6142	STC-1	0.2	1.3	3.8 +	5.46	0.35	15.69	756.	75.	5.
2367	0000	-816	37.3665	80.6137	STC-2	0.3	1.4	4.1 -	5.17 +	0.35	14.79	825.	75.	4.
2368	0000	-816	37.3666	80.6131	STC-2	0.3	1.5	4.3 -	4.27	0.35	12.31	890.	74.	5.
2369	0000	-818	37.3666	80.6127	STC-2	0.4	1.5	4.5	3.81	0.33	11.52	953.	74.	5.
2370	0000	-819	37.3666	80.6120	STC-2	0.4	1.6	5.0	3.87	0.33	11.91	1018.	71.	4.
2371	0000	-820	37.3667	80.6115	STC-2	0.4	1.6	5.6	3.70	0.29	12.98	1068.	70.	4.
2372	0000	-822	37.3666	80.6110	STC-2	0.4	1.5	6.5	3.34	0.23	14.77	1111.	69.	6.
2373	0000	-821	37.3666	80.6105	STC-2	0.4	1.4	6.6	3.16	0.21	14.94	1139.	70.	7.
2374	0000	-819	37.3667	80.6099	STC-2	0.5	1.2	7.3 +	2.51	0.16 -	15.41	1173.	67.	8.
2375	0000	-821	37.3667	80.6093	STC-2	0.5	1.2	7.5 +	2.37	0.16 -	15.02	1215.	69.	8.
2376	0000	-822	37.3667	80.6088	STC-2	0.5	1.2	8.3 +	2.50	0.15 -	16.64	1251.	70.	8.
2377	0000	-821	37.3667	80.6082	STC-2	0.6	1.3	8.4 +	2.44	0.16 -	15.17	1293.	71.	8.
2378	0000	-823	37.3667	80.6077	STC-2	0.6	1.4	8.4 +	2.41	0.17 -	14.29	1328.	70.	9.
2379	0000	-824	37.3667	80.6072	STC-2	0.6	1.7	7.9 +	3.07	0.22	14.06	1335.	71.	7.
2380	0000	-822	37.3667	80.6066	STC-2	0.6	1.7	7.8 +	2.95	0.22	13.47	1318.	70.	6.
2381	0000	-822	37.3668	80.6061	STC-2	0.6	1.9	7.2 +	3.27	0.26	12.58	1282.	72.	4.
2382	0000	-823	37.3668	80.6056	STC-2	0.5	1.9	7.4 +	3.57	0.25	14.08	1256.	69.	3.
2383	0000	-823	37.3668	80.6050	STC-2	0.5	1.7	6.6	3.38	0.26	12.89	1195.	68.	2.
2384	0000	-823	37.3668	80.6045	STC-2	0.5	1.6	6.1	3.40	0.26	13.06	1136.	67.	2.
2385	0000	-824	37.3669	80.6039	STC-2	0.4	1.5	5.5	3.41	0.28	12.38	1071.	69.	0.
2386	0000	-825	37.3669	80.6034	STC-2	0.4	1.3	5.7	3.09	0.24	13.12	1035.	69.	0.
2387	0000	-825	37.3669	80.6029	STC-2	0.4	1.3	5.5	3.09	0.24	12.76	1016.	69.	0.
2388	0000	-826	37.3669	80.6023	STC-2	0.4	1.3	5.3	3.25	0.24	13.47	988.	68.	1.
2389	0000	-826	37.3669	80.6018	STC-2	0.4	1.3	4.8	3.27	0.27	12.26	956.	69.	1.
2390	0000	-826	37.3669	80.6013	STC-2	0.4	1.3	5.0	3.31	0.25	13.12	944.	68.	2.
2391	0000	-826	37.3669	80.6007	STC-2	0.3	1.1	4.9	3.14	0.22	14.08	903.	70.	2.
2392	0000	-826	37.3670	80.6001	STC-2	0.3	1.0	5.2	2.93	0.19	15.69	885.	69.	3.
2393	0000	-826	37.3670	80.5996	STC-2	0.3	1.1	4.7	3.39	0.23	14.88	851.	69.	4.
2394	0000	-828	37.3669	80.5990	STC-2	0.3	1.1	4.7	3.60	0.23	15.78	829.	68.	4.
2395	0000	-830	37.3670	80.5985	STC-2	0.3	0.9 -	4.4	2.82	0.21	13.20	811.	67.	5.
2396	0000	-830	37.3670	80.5979	STC-2	0.3	0.9 -	4.4	3.04	0.21	14.57	791.	66.	5.
2397	0000	-828	37.3670	80.5975	STC-2	0.3	1.0	4.3 -	3.43	0.23	14.98	773.	67.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-829	37.3671	80.5968	STC-2	0.3	1.0	4.5	3.40	0.22	15.20	796.	67.	6.
2399	0000	-830	37.3671	80.5964	STC-2	0.3	1.0	4.4 -	3.15	0.23	13.78	818.	67.	7.
2400	0000	-829	37.3671	80.5958	STC-2	0.4	0.8 -	4.7	2.03	0.16 -	12.48	850.	70.	8.
2401	0000	-830	37.3671	80.5953	STC-2	0.4	0.8 -	4.7	2.02	0.17 -	11.96	892.	71.	8.
2402	0000	-832	37.3671	80.5947	STC-2	0.4	1.0	5.3	2.40	0.19	12.92	948.	71.	7.
2403	0000	-831	37.3671	80.5942	STC-2	0.4	1.0	5.3	2.35	0.19	12.23	995.	72.	7.
2404	0000	-830	37.3671	80.5936	STC-2	0.4	1.1	5.1	2.60	0.22	11.56	1031.	73.	7.
2405	0000	-832	37.3672	80.5931	STC-2	0.5	1.3	5.2	2.85	0.25	11.21	1049.	73.	6.
2406	0000	-832	37.3672	80.5925	STC-2	0.4	1.5	5.2	3.33	0.28	11.75	1054.	73.	6.
2407	0000	-832	37.3672	80.5920	STC-2	0.4	1.6	5.1	4.03	0.32	12.54	1051.	74.	6.
2408	0000	-833	37.3671	80.5914	STC-2	0.4	1.5	5.3	3.89	0.28	14.13	1042.	71.	7.
2409	0000	-833	37.3672	80.5909	STC-2	0.4	1.3	5.2	3.40	0.25	13.59	1021.	71.	9.
2410	0000	-833	37.3672	80.5904	STC-2	0.4	1.3	5.3	3.62	0.25	14.39	1002.	70.	10.
2411	0000	-834	37.3672	80.5898	STC-2	0.4	1.3	5.2	3.69	0.25	14.74	983.	72.	11.
2412	0000	-834	37.3673	80.5893	STC-2	0.3	1.1	5.0	3.16	0.22	14.37	961.	73.	12.
2413	0000	-835	37.3673	80.5887	STC-2	0.4	1.1	4.8	3.03	0.23	13.09	946.	71.	12.
2414	0000	-835	37.3673	80.5882	STC-2	0.4	0.9 -	4.8	2.47	0.19	12.70	938.	69.	13.
2415	0000	-834	37.3672	80.5877	STC-2	0.4	1.0	4.4	2.81	0.23	12.38	933.	68.	13.
2416	0000	-835	37.3673	80.5871	STC-2	0.3	1.1	4.3 -	3.69	0.26	14.18	932.	68.	13.
2417	0000	-836	37.3673	80.5866	STC-2	0.4	0.9 -	4.6	2.43	0.19	12.94	921.	69.	12.
2418	0000	-836	37.3673	80.5861	STC-2	0.4	0.6 --	4.9	1.51 -	0.12 --	12.16	927.	66.	12.
2419	0000	-835	37.3674	80.5855	STC-2	0.4	0.7 -	5.0	1.93	0.15 -	13.11	927.	66.	12.
2420	0000	-835	37.3674	80.5850	STC-2	0.4	0.6 --	5.0	1.52 -	0.12 --	12.60	918.	68.	11.
2421	0000	-838	37.3674	80.5844	STC-2	0.4	0.7 -	4.7	1.70 -	0.14 -	11.97	894.	68.	10.
2422	0000	-839	37.3674	80.5839	STC-2	0.4	0.6 --	4.4	1.51 -	0.14 -	10.44	852.	69.	10.
2423	0000	-838	37.3674	80.5834	STC-2	0.4	0.6 --	4.4	1.42 -	0.14 -	10.36	815.	67.	10.
2424	0000	-837	37.3674	80.5828	STC-1	0.4 +	0.7 -	3.8 +	1.92 -	0.18 -	10.62	779.	65.	10.
2425	0000	-837	37.3674	80.5823	STC-1	0.3	0.8	3.4	2.53 -	0.23 -	10.92	733.	65.	10.
2426	0000	-839	37.3675	80.5817	STC-1	0.3	0.8	2.9	2.77 -	0.28	9.93	693.	63.	10.
2427	0000	-841	37.3675	80.5812	STC-1	0.3	0.7 -	2.5	2.80	0.28	10.07	648.	62.	11.
2428	0000	-840	37.3675	80.5806	STC-1	0.2	0.7 -	2.3 -	2.97	0.29	10.18	623.	62.	11.
2429	0000	-840	37.3675	80.5801	STC-1	0.2	0.5 --	2.3 -	2.45 -	0.21 -	11.63	588.	60.	10.
2430	0000	-841	37.3675	80.5795	STC-1	0.2	0.3 ---	2.0 -	1.51 --	0.16 --	9.17 -	552.	66.	10.
2431	0010	-841	37.3675	80.5790	STC-1	0.2	0.2 N.A.	2.1 -	0.97 N.A.	0.11 N.A.	8.59 -	536.	67.	9.
2432	0010	-840	37.3675	80.5784	STC-1	0.2	0.2 N.A.	2.0 -	1.05 N.A.	0.12 N.A.	8.87 -	531.	67.	8.
2433	0010	-841	37.3676	80.5780	STC-1	0.2	0.2 N.A.	2.1 -	0.76 N.A.	0.08 N.A.	9.86	533.	68.	7.
2434	0000	-841	37.3676	80.5773	STC-1	0.2	0.3 ---	2.3 -	1.66 --	0.14 --	11.86	540.	68.	6.
2435	0000	-841	37.3676	80.5769	STC-1	0.2	0.3 ---	2.3 -	2.02 -	0.15 --	13.53	534.	67.	5.
2436	0000	-842	37.3676	80.5763	STC-1	0.1 -	0.7 -	2.1 -	4.91	0.34	14.34	550.	67.	4.
2437	0000	-842	37.3676	80.5758	STC-1	0.1 --	0.9	2.4	7.51 +	0.35	21.48 +	564.	63.	4.
2438	0000	-841	37.3676	80.5752	STC-1	0.1 -	0.9	2.4 -	7.49 +	0.39	19.26 +	578.	61.	4.
2439	0000	-841	37.3676	80.5746	STC-1	0.1 -	1.0	2.2 -	6.91	0.44	15.79	569.	61.	4.
2440	0000	-842	37.3677	80.5741	STC-1	0.1 -	1.0	2.3 -	6.78	0.44	15.55	561.	60.	4.
2441	0000	-842	37.3677	80.5735	STC-1	0.2 -	0.9	2.2 -	5.55	0.43	12.89	556.	59.	5.
2442	0000	-842	37.3677	80.5730	STC-1	0.2	1.1	2.4	5.38	0.45	12.07	573.	56.	5.
2443	0000	-844	37.3677	80.5725	STC-1	0.3	0.8	2.8	2.85	0.28	10.13	593.	56.	5.
2444	0000	-845	37.3677	80.5719	STC-1	0.3	1.0	2.2 -	3.54	0.45	7.94 -	604.	58.	6.
2445	0000	-844	37.3677	80.5714	STC-1	0.3	1.0	2.1 -	3.58	0.49	7.33 -	604.	57.	5.
2446	0000	-845	37.3678	80.5709	STC-1	0.3	1.0	2.6	3.88	0.39	9.88	622.	56.	5.
2447	0000	-846	37.3677	80.5703	STC-1	0.3	1.0	2.5	3.88	0.40	9.63	615.	57.	6.
2448	0000	-846	37.3677	80.5698	STC-1	0.3	1.0	2.4 -	3.90	0.42	9.34 -	607.	57.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-846	37.3677	80.5692	STC-1	0.3	1.0	2.0 -	3.96	0.51 +	7.78 -	589.	59.	6.
2450	0000	-846	37.3678	80.5687	STC-1	0.2 -	1.2	1.6 --	7.23 +	0.73 ++	9.91	558.	58.	6.
2451	0000	-847	37.3678	80.5682	STC-1	0.2	0.8	2.0 -	4.43	0.38	11.61	534.	56.	7.
2452	0000	-848	37.3678	80.5676	STC-1	0.1 -	0.7 -	1.8 -	4.89	0.39	12.53	515.	60.	8.
2453	0000	-848	37.3679	80.5671	STC-1	0.2 -	0.5 --	1.4 --	3.40	0.38	9.02 -	488.	62.	9.
2454	0000	-849	37.3679	80.5666	STC-1	0.2	0.4 --	1.2 --	2.28 -	0.31	7.25 -	486.	61.	10.
2455	0000	-850	37.3679	80.5660	STC-1	0.1 -	0.4 ---	1.3 --	2.42 -	0.26	9.24 -	488.	60.	11.
2456	0000	-850	37.3679	80.5654	STC-1	0.1 -	0.3 ---	1.7 --	2.16 -	0.18 -	11.89	493.	58.	12.
2457	0010	-850	37.3679	80.5649	STC-1	0.2	0.2 N.A.	1.9 -	0.97 N.A.	0.09 N.A.	10.37	512.	58.	13.
2458	0010	-851	37.3679	80.5643	STC-1	0.2	0.3 N.A.	1.7 --	1.93 N.A.	0.20 N.A.	9.79	508.	63.	12.
2459	0000	-851	37.3679	80.5638	STC-1	0.2 -	0.5 --	1.9 -	2.99	0.25 -	12.02	512.	62.	11.
2460	0000	-852	37.3680	80.5633	STC-1	0.2 -	0.7 -	2.3 -	4.44	0.30	14.92	527.	60.	9.
2461	0000	-854	37.3680	80.5627	STC-1	0.2	0.7 -	2.5	3.91	0.28	14.15	530.	63.	7.
2462	0000	-854	37.3680	80.5622	STC-1	0.2	0.8	2.4	4.51	0.33	13.49	536.	64.	6.
2463	0000	-854	37.3680	80.5617	STC-1	0.2 -	0.7	2.3 -	4.47	0.33	13.62	528.	65.	5.
2464	0000	-855	37.3680	80.5611	STC-1	0.2 -	0.8	2.2 -	4.93	0.35	14.26	507.	67.	4.
2465	0000	-855	37.3680	80.5606	STC-1	0.2 -	0.9	2.2 -	5.45	0.41	13.32	521.	62.	5.
2466	0000	-854	37.3680	80.5600	STC-1	0.2	0.8	2.1 -	4.60	0.38	12.21	530.	59.	6.
2467	0000	-854	37.3680	80.5595	STC-1	0.2	0.7 -	1.8 -	3.51	0.37	9.51	512.	64.	7.
2468	0000	-854	37.3680	80.5589	STC-1	0.2	0.7 -	2.0 -	4.07	0.35	11.66	521.	64.	8.
2469	0000	-856	37.3680	80.5584	STC-1	0.2	0.5 --	2.0 -	2.61 -	0.23 -	11.35	517.	65.	9.
2470	0000	-859	37.3681	80.5578	STC-1	0.2 -	0.5 --	2.0 -	2.83	0.23 -	12.54	529.	66.	10.
2471	0000	-859	37.3681	80.5573	STC-1	0.1 -	0.6 -	1.8 -	3.85	0.31	12.39	555.	64.	11.
2472	0000	-858	37.3681	80.5567	STC-1	0.2 -	0.5 --	2.1 -	3.04	0.23 -	13.35	582.	65.	11.
2473	0000	-858	37.3681	80.5562	STC-1	0.2 -	0.6 -	2.2 -	3.83	0.29	13.28	621.	67.	11.
2474	0000	-858	37.3682	80.5557	STC-1	0.1 -	0.8	2.8	5.28	0.27	19.19 +	682.	62.	12.
2475	0000	-859	37.3682	80.5551	STC-1	0.2	0.9	3.0	5.37	0.31	17.46 +	729.	62.	12.
2476	0000	-861	37.3682	80.5546	STC-1	0.2 -	1.1	3.5	7.05 +	0.33	21.64 +	787.	62.	12.
2477	0000	-861	37.3682	80.5540	STC-2	0.2 -	1.2	4.1 -	7.29 +	0.29	24.93 +	826.	63.	12.
2478	0000	-860	37.3682	80.5535	STC-2	0.2 -	1.1	4.8	5.54 +	0.22	24.81 +	864.	64.	12.
2479	0000	-862	37.3682	80.5529	STC-2	0.2 -	1.2	4.8	6.89 +	0.24	28.58 ++	889.	66.	13.
2480	0000	-863	37.3682	80.5524	STC-2	0.2 -	0.8 -	5.3	3.47	0.15 -	22.84 +	903.	68.	14.
2481	0000	-863	37.3683	80.5519	STC-2	0.2 -	0.7 --	5.2	2.77	0.13 --	22.09 +	926.	69.	14.
2482	0000	-863	37.3683	80.5513	STC-2	0.3	0.5 --	5.9	1.68 -	0.08 ---	20.40 +	944.	69.	14.
2483	0000	-863	37.3683	80.5508	STC-2	0.3	0.5 ---	5.9	1.61 -	0.09 ---	18.63 +	947.	69.	13.
2484	0000	-863	37.3683	80.5503	STC-2	0.3	0.5 --	5.7	1.44 -	0.09 ---	16.83	952.	69.	11.
2485	0000	-865	37.3683	80.5497	STC-2	0.3	0.5 --	5.6	1.53 -	0.09 ---	16.50	951.	71.	10.
2486	0000	-865	37.3683	80.5492	STC-2	0.4	0.4 ---	5.5	1.09 -	0.08 ---	13.77	950.	71.	9.
2487	0000	-863	37.3683	80.5486	STC-2	0.3	1.0	5.3	2.90	0.19	15.68	942.	70.	7.
2488	0000	-865	37.3683	80.5480	STC-2	0.4	1.2	5.0	3.12	0.23	13.67	924.	70.	5.
2489	0000	-867	37.3683	80.5476	STC-2	0.3	1.4	4.6	4.51	0.30	15.11	901.	70.	3.
2490	0000	-865	37.3683	80.5470	STC-2	0.3	1.0	4.7	3.34	0.22	15.08	875.	69.	4.
2491	0000	-866	37.3684	80.5465	STC-2	0.3	1.0	4.5	3.40	0.23	14.83	856.	69.	4.
2492	0000	-868	37.3684	80.5459	STC-2	0.4	1.1	4.5	3.05	0.24	12.54	855.	66.	3.
2493	0000	-867	37.3684	80.5454	STC-2	0.3	1.2	5.1	3.61	0.23	15.59	865.	67.	3.
2494	0000	-867	37.3685	80.5448	STC-2	0.4	0.9 -	5.3	2.39	0.17 -	14.43	867.	68.	4.
2495	0000	-869	37.3685	80.5443	STC-2	0.4	0.6 --	5.7	1.59 -	0.11 --	14.10	885.	70.	6.
2496	0000	-869	37.3685	80.5437	STC-2	0.5	0.6 --	5.5	1.27 -	0.11 --	11.81	898.	70.	7.
2497	0000	-870	37.3684	80.5432	STC-2	0.5	0.9 -	5.2	1.90	0.18 -	10.79	919.	72.	7.
2498	0000	-872	37.3685	80.5427	STC-2	0.5	0.8 -	5.5	1.54 -	0.15 -	10.53	953.	69.	9.
2499	0000	-872	37.3685	80.5422	STC-2	0.5	0.7 -	5.2	1.55 -	0.14 -	11.34	950.	70.	10.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-872	37.3685	80.5415	STC-2	0.5	0.5 --	5.0	1.05 -	0.10 --	10.31	935.	70.	11.
2501	0000	-872	37.3685	80.5411	STC-2	0.5	0.5 --	5.2	1.03 --	0.09 ---	11.31	939.	68.	11.
2502	0000	-872	37.3685	80.5405	STC-2	0.4	0.6 --	4.8	1.39 -	0.13 --	10.94	925.	67.	11.
2503	0000	-873	37.3685	80.5399	STC-2	0.4	0.7 -	5.0	1.69 -	0.14 -	12.22	931.	66.	10.
2504	0000	-873	37.3685	80.5394	STC-2	0.4	0.8 -	5.0	2.07	0.16 -	13.15	927.	64.	9.
2505	0000	-873	37.3686	80.5388	STC-2	0.4	1.0 -	4.9	2.73	0.19	14.08	906.	67.	8.
2506	0000	-874	37.3686	80.5383	STC-2	0.3	1.0	5.5	2.94	0.18	16.01	897.	66.	7.
2507	0000	-874	37.3686	80.5377	STC-2	0.3	1.2	5.5	3.77	0.22	16.87	902.	64.	6.
2508	0000	-875	37.3687	80.5372	STC-2	0.3	1.4	5.0	4.27	0.27	15.69	902.	63.	6.
2509	0000	-875	37.3687	80.5367	STC-2	0.3	1.4	5.0	4.69	0.28	16.59	902.	61.	6.
2510	0000	-874	37.3687	80.5361	STC-2	0.3	1.4	4.8	5.03 +	0.29	17.49 +	876.	62.	6.
2511	0000	-875	37.3687	80.5356	STC-2	0.3	1.2	5.2	4.19	0.24	17.59 +	884.	63.	6.
2512	0000	-877	37.3687	80.5351	STC-2	0.3	1.2	5.0	3.58	0.23	15.37	900.	62.	7.
2513	0000	-876	37.3687	80.5345	STC-2	0.3	1.3	4.8	3.83	0.27	14.09	930.	63.	8.
2514	0000	-876	37.3687	80.5340	STC-2	0.4	1.3	5.0	3.60	0.26	13.73	970.	63.	8.
2515	0000	-878	37.3687	80.5334	STC-2	0.4	1.3	5.3	3.17	0.24	13.21	989.	65.	8.
2516	0000	-878	37.3687	80.5329	STC-2	0.5	1.2	5.4	2.57	0.22	11.93	1034.	66.	9.
2517	0000	-878	37.3687	80.5324	STC-2	0.5	1.1	5.3	2.34	0.21	11.01	1059.	68.	9.
2518	0000	-878	37.3687	80.5318	STC-2	0.5	1.1	5.2	2.25	0.21	10.71	1067.	68.	10.
2519	0000	-878	37.3687	80.5312	STC-2	0.5	1.3	5.3	2.97	0.25	11.68	1074.	68.	8.
2520	0000	-880	37.3687	80.5306	STC-2	0.5	1.4	5.1	3.01	0.27	11.25	1054.	68.	8.
2521	0000	-881	37.3687	80.5299	STC-2	0.4	1.3	4.8	3.08	0.28	11.13	1027.	70.	7.
2522	0000	-880	37.3687	80.5293	STC-2	0.4	1.2	4.7	2.85	0.26	11.01	1022.	68.	6.
2523	0000	-881	37.3687	80.5286	STC-2	0.4	1.2	4.7	2.95	0.25	11.75	993.	71.	5.
2524	0000	-883	37.3687	80.5279	STC-2	0.4	1.0	5.0	2.30	0.21	11.15	1003.	68.	5.
2525	0000	-882	37.3687	80.5273	STC-2	0.5	1.0	5.3	2.11	0.19	11.27	1012.	70.	4.
2526	0000	-880	37.3687	80.5267	STC-2	0.5	0.8 -	5.8	1.63 -	0.14 -	11.50	1023.	70.	4.
2527	0000	-880	37.3687	80.5260	STC-2	0.5	0.7 -	6.0	1.26 -	0.11 --	11.25	1062.	69.	4.
2528	0000	-881	37.3687	80.5254	STC-2	0.6	0.7 --	6.3	1.21 -	0.11 --	11.45	1063.	72.	5.
2529	0000	-880	37.3687	80.5247	STC-2	0.5	0.7 --	6.6	1.19 -	0.10 --	12.00	1077.	70.	5.
2530	0000	-882	37.3687	80.5241	STC-2	0.5	0.9 -	6.5	1.75	0.14 -	12.25	1083.	68.	6.
2531	0000	-883	37.3687	80.5234	STC-2	0.5	0.9 -	6.5	1.85	0.14 -	13.44	1074.	70.	8.
2532	0000	-882	37.3687	80.5228	STC-2	0.4	0.9 -	6.4	2.03	0.14 -	14.44	1058.	69.	8.
2533	0000	-882	37.3687	80.5222	STC-2	0.4	0.6 --	6.0	1.39 -	0.10 --	13.30	1044.	68.	11.
2534	0000	-882	37.3687	80.5215	STC-2	0.4	0.6 --	5.8	1.39 -	0.10 --	13.54	1005.	70.	12.
2535	0000	-882	37.3687	80.5209	STC-2	0.4	0.6 --	5.5	1.49 -	0.11 --	13.13	991.	67.	13.
2536	0000	-883	37.3687	80.5202	STC-2	0.4	0.7 -	5.3	1.90	0.13 -	14.34	967.	68.	13.
2537	0000	-884	37.3687	80.5195	STC-2	0.4	0.4 ---	5.6	1.08 -	0.07 ---	14.53	954.	69.	12.
2538	0000	-885	37.3687	80.5189	STC-2	0.4	0.5 --	5.6	1.31 -	0.10 --	13.76	947.	67.	11.
2539	0000	-887	37.3687	80.5182	STC-2	0.4	0.8 -	5.1	1.87	0.15 -	12.55	929.	68.	9.
2540	0000	-887	37.3687	80.5176	STC-2	0.4	1.1	5.1	3.13	0.22	14.41	910.	70.	8.
2541	0000	-886	37.3686	80.5170	STC-2	0.3	1.2	5.0	3.37	0.23	14.37	901.	68.	6.
2542	0000	-885	37.3686	80.5163	STC-2	0.3	1.1	5.2	3.30	0.22	15.07	888.	68.	5.
2543	0000	-887	37.3686	80.5157	STC-2	0.4	1.2	4.8	3.22	0.25	13.02	870.	71.	5.
2544	0000	-888	37.3686	80.5150	STC-2	0.3	1.4	4.5	4.53	0.31	14.82	847.	70.	5.
2545	0000	-887	37.3686	80.5144	STC-2	0.3	1.3	4.4	4.66	0.29	15.90	821.	69.	5.
2546	0000	-886	37.3686	80.5137	STC-2	0.3 -	1.0	4.2 -	3.86	0.23	16.58	816.	68.	8.
2547	0000	-886	37.3686	80.5131	STC-2	0.2 -	0.9 -	4.1 -	3.55	0.21	16.57	806.	65.	8.
2548	0000	-886	37.3686	80.5124	STC-2	0.2 -	1.0	4.1 -	4.86 +	0.24	19.87 +	794.	66.	9.
2549	0000	-887	37.3686	80.5118	STC-1	0.2	1.2	4.0 +	5.76	0.30	19.21 +	781.	65.	8.
2550	0000	-887	37.3686	80.5111	STC-1	0.2	1.1	3.9 +	5.88	0.28	21.20 +	779.	62.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-888	37.3686	80.5105	STC-1	0.2	1.1	3.7 +	5.75	0.30	18.95 +	770.	61.	9.
2552	0000	-888	37.3686	80.5098	STC-1	0.2	1.2	3.5	6.87	0.36	19.26 +	765.	61.	9.
2553	0000	-888	37.3686	80.5092	STC-1	0.2	1.2	3.5	6.16	0.35	17.48 +	755.	61.	7.
2554	0000	-890	37.3685	80.5085	STC-1	0.2	1.3	3.4	5.72	0.40	14.38	758.	60.	7.
2555	0000	-891	37.3685	80.5079	STC-1	0.3	1.4	3.3	4.80	0.41	11.79	780.	60.	6.
2556	0000	-890	37.3685	80.5072	STC-1	0.3	1.3	3.5	4.20	0.36	11.68	810.	60.	5.
2557	0000	-890	37.3685	80.5066	STC-1	0.3	1.7 +	3.3	5.49	0.49	11.12	824.	62.	4.
2558	0000	-890	37.3685	80.5059	STC-1	0.3	1.8 +	3.5	5.97	0.53 +	11.33	854.	62.	3.
2559	0000	-890	37.3685	80.5053	STC-1	0.3	2.0 ++	3.7 +	6.57	0.55 +	11.96	873.	64.	2.
2560	0000	-891	37.3685	80.5047	STC-1	0.3 +	2.2 ++	3.9 +	6.55 -	0.57 +	11.57	889.	64.	1.
2561	0000	-890	37.3685	80.5041	STC-1	0.3	2.4 ++	4.0 +	7.43 +	0.59 +	12.51	908.	63.	0.
2562	0000	-890	37.3685	80.5034	STC-2	0.2 -	2.4 +	4.1 -	9.72 ++	0.58 ++	16.77	880.	64.	0.
2563	0000	-890	37.3685	80.5027	STC-2	0.2 -	2.3 +	4.1 -	9.57 ++	0.55 ++	17.36 +	873.	65.	1.
2564	0000	-889	37.3685	80.5021	STC-2	0.3 -	1.9	4.4	7.71 +	0.44 +	17.52 +	868.	63.	2.
2565	1000	-889	37.3685	80.5014	STC-2	0.3	1.6	4.4	4.96 +	0.35	14.02	865.	62.	4.
2566	1000	-891	37.3685	80.5009	STC-2	0.3	1.2	4.3 -	3.51	0.27	12.84	851.	60.	5.
2567	1000	-892	37.3685	80.5002	STC-2	0.3	1.1	4.4 -	3.16	0.25	12.75	860.	60.	7.
2568	1010	-891	37.3685	80.4995	STC-2	0.3	0.7 N.A.	4.5	1.96 N.A.	0.15 N.A.	13.28	843.	61.	8.
2569	1000	-892	37.3685	80.4989	STC-2	0.4	0.8 -	4.1 -	2.12	0.20	10.36	873.	58.	10.
2570	1000	-892	37.3685	80.4982	STC-2	0.4	0.8 -	4.6	2.20	0.18	12.02	885.	54.	10.
2571	1000	-893	37.3685	80.4976	STC-2	0.4	0.8 -	5.0	2.08	0.17 -	12.35	893.	54.	9.
2572	1000	-893	37.3684	80.4970	STC-2	0.4	1.1	5.2	3.15	0.22	14.33	910.	53.	9.
2573	1000	-893	37.3684	80.4963	STC-2	0.3	1.5	5.2	4.72 +	0.29	16.36	932.	54.	8.
2574	1000	-893	37.3684	80.4957	STC-2	0.3	1.9	5.1	6.62 +	0.37 +	17.75 +	934.	54.	7.
2575	1000	-894	37.3684	80.4950	STC-2	0.3	1.6	5.1	4.66	0.32	14.51	954.	54.	7.
2576	1000	-894	37.3684	80.4944	STC-2	0.4	1.4	5.6	3.80	0.25	15.45	966.	54.	7.
2577	1000	-893	37.3684	80.4937	STC-2	0.4	1.7	4.9	4.44	0.36 +	12.35	978.	57.	7.
2578	1000	-892	37.3684	80.4930	STC-2	0.4	1.9	4.6	4.63	0.41 +	11.28	1018.	58.	8.
2579	1000	-894	37.3684	80.4924	STC-2	0.5	1.4	4.2 -	3.05	0.34	9.03	1030.	58.	9.
2580	1000	-895	37.3684	80.4918	STC-2	0.5	1.4	4.3 -	2.72	0.32	8.56	1050.	60.	10.
2581	1000	-894	37.3684	80.4911	STC-2	0.6	1.2	4.6	2.18	0.26	8.21	1113.	57.	10.
2582	1000	-893	37.3684	80.4905	STC-2	0.6	1.6	4.7	2.59	0.34	7.63	1151.	58.	10.
2583	0000	-894	37.3684	80.4898	STC-2	0.7	1.5	5.2	2.07	0.29	7.04 -	1207.	58.	10.
2584	0000	-893	37.3684	80.4892	STC-2	0.8	1.2	5.5	1.52 -	0.23	6.73 -	1288.	58.	10.
2585	0000	-895	37.3684	80.4885	STC-2	0.9 +	1.3	5.6	1.39 -	0.23	6.08 -	1358.	57.	10.
2586	0000	-896	37.3684	80.4879	STC-2	0.9 +	1.8	6.2	1.95	0.29	6.76 -	1414.	56.	9.
2587	0000	-894	37.3684	80.4872	STC-2	1.0 +	1.7	6.5	1.68 -	0.26	6.53 -	1464.	55.	8.
2588	0000	-895	37.3684	80.4866	STC-2	1.0 +	1.7	6.3	1.75	0.27	6.44 -	1448.	54.	7.
2589	0000	-897	37.3683	80.4859	STC-2	0.9 +	1.9	6.0	2.12	0.32	6.66 -	1422.	54.	7.
2590	0000	-895	37.3683	80.4853	STC-2	0.8	2.0 +	5.5	2.44	0.37 +	6.67 -	1358.	54.	6.
2591	0000	-896	37.3683	80.4846	STC-2	0.7	1.8	5.4	2.55	0.34	7.60	1258.	56.	6.
2592	0000	-899	37.3683	80.4840	STC-2	0.6	1.9	5.0	3.26	0.37 +	8.76	1161.	57.	7.
2593	0000	-898	37.3683	80.4834	STC-2	0.5	1.7	4.5	3.18	0.38 +	8.35	1085.	58.	7.
2594	0000	-897	37.3683	80.4827	STC-2	0.5	1.7	4.4	3.39	0.38 +	8.97	1037.	55.	8.
2595	0000	-897	37.3683	80.4820	STC-2	0.4	1.5	4.5	3.33	0.33	10.21	1002.	57.	8.
2596	0000	-898	37.3683	80.4814	STC-2	0.4	1.3	4.4	3.00	0.29	10.42	989.	56.	9.
2597	0000	-899	37.3683	80.4807	STC-2	0.4	1.2	4.5	3.29	0.28	11.83	979.	55.	8.
2598	0000	-899	37.3683	80.4801	STC-2	0.4	1.5	4.0 -	3.83	0.36 +	10.64	978.	51.	8.
2599	0000	-899	37.3683	80.4794	STC-2	0.4	1.4	4.6	3.59	0.30	12.04	964.	49.	6.
2600	0000	-900	37.3683	80.4788	STC-2	0.3	1.4	4.8	4.11	0.28	14.51	943.	49.	6.
2601	0000	-900	37.3683	80.4782	STC-2	0.3	1.5	4.4	5.18 +	0.34	15.14	904.	52.	4.

CP 9 IP 12

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-901	37.3683	80.4776	STC-2	0.3	1.5	4.1 -	5.28 +	0.38 +	14.05	881.	50.	4.
2603	0000	-903	37.3683	80.4769	STC-2	0.3 -	1.5	4.2 -	5.70 +	0.36 +	15.85	846.	51.	4.
2604	0000	-902	37.3683	80.4763	STC-2	0.3	1.5	4.1 -	5.06 +	0.35 +	14.02	827.	51.	4.
2605	0000	-901	37.3683	80.4757	STC-2	0.3 -	1.5	4.2 -	5.76 +	0.35	16.50	797.	55.	5.
2606	0000	-901	37.3683	80.4750	STC-1	0.3	1.2	3.6 +	4.39	0.33	13.44	769.	57.	6.
2607	0000	-902	37.3682	80.4743	STC-1	0.3	1.0	3.3	3.31	0.29	11.35	749.	58.	7.
2608	0000	-903	37.3682	80.4737	STC-1	0.3	0.7	3.2	2.49 -	0.23 -	10.71	720.	57.	8.
2609	0000	-905	37.3682	80.4730	STC-1	0.3	0.7 -	3.0	2.74 -	0.23 -	11.71	687.	61.	9.
2610	0000	-906	37.3682	80.4724	STC-1	0.3	0.6 -	2.8	2.14 -	0.20 -	10.59	672.	62.	10.
2611	0000	-905	37.3682	80.4717	STC-1	0.3	0.4 --	2.9	1.70 --	0.15 --	11.24	668.	61.	11.
2612	0010	-903	37.3682	80.4711	STC-1	0.3	0.4 N.A.	3.0	1.35 N.A.	0.12 N.A.	11.39	659.	61.	10.
2613	0000	-903	37.3682	80.4705	STC-1	0.2	0.5 -	3.0	2.19 -	0.18 -	12.17	651.	60.	9.
2614	0000	-905	37.3682	80.4698	STC-1	0.2	0.8	3.0	3.29	0.27	12.40	658.	59.	8.
2615	0000	-906	37.3682	80.4692	STC-1	0.2	1.0	2.9	4.77	0.34	14.03	664.	60.	7.
2616	0000	-906	37.3682	80.4685	STC-1	0.2	0.9	3.1	3.99	0.29	13.87	664.	59.	6.
2617	0000	-905	37.3682	80.4678	STC-1	0.2	1.0	3.3	4.63	0.30	15.41	676.	59.	5.
2618	0000	-906	37.3682	80.4672	STC-1	0.2	1.1	3.1	4.90	0.34	14.32	668.	58.	4.
2619	0000	-907	37.3682	80.4666	STC-1	0.2	1.1	2.8	4.71	0.39	11.99	675.	57.	5.
2620	0000	-907	37.3682	80.4659	STC-1	0.2	1.2	2.7	4.86	0.43	11.27	682.	56.	5.
2621	0000	-907	37.3682	80.4653	STC-1	0.2	1.1	2.8	4.51	0.38	11.96	670.	57.	5.
2622	0000	-909	37.3682	80.4646	STC-1	0.2	0.9	2.7	3.60	0.32	11.33	665.	56.	6.
2623	0000	-909	37.3682	80.4640	STC-1	0.2	0.9	2.5	3.96	0.37	10.78	666.	57.	8.
2624	0000	-907	37.3682	80.4633	STC-1	0.2	0.9	2.3 -	4.05	0.40	10.25	651.	58.	8.
2625	0000	-908	37.3681	80.4627	STC-1	0.2	1.0	2.0 -	4.94	0.50	9.98	636.	60.	8.
2626	0000	-910	37.3681	80.4621	STC-1	0.2	0.8	2.1 -	3.94	0.36	10.87	610.	59.	8.
2627	0000	-911	37.3681	80.4614	STC-1	0.2 -	0.7 -	2.3 -	4.43	0.31	14.45	588.	61.	8.
2628	0000	-911	37.3681	80.4607	STC-1	0.2 -	0.7 -	2.2 -	4.12	0.31	13.49	576.	62.	8.
2629	0000	-908	37.3681	80.4601	STC-1	0.2 -	0.8	2.1 -	5.13	0.36	14.15	562.	64.	7.
2630	0000	-909	37.3631	80.4594	STC-1	0.2 -	1.0	2.0 -	5.93	0.47	12.68	574.	61.	5.
2631	0000	-910	37.3681	80.4588	STC-1	0.2	1.0	2.2 -	4.78	0.45	10.72	594.	61.	5.
2632	0000	-909	37.3681	80.4581	STC-1	0.3	0.9	2.5	3.75	0.38	9.97	639.	60.	4.
2633	0000	-909	37.3681	80.4575	STC-1	0.3	1.2	2.9	4.17	0.40	10.30	697.	60.	3.
2634	0000	-909	37.3681	80.4568	STC-1	0.3 +	1.3	3.5	4.00	0.38	10.63	767.	58.	2.
2635	0000	-909	37.3681	80.4562	STC-1	0.4 +	1.5 +	3.4	3.75	0.42	8.91 -	825.	59.	1.
2636	0000	-910	37.3681	80.4556	STC-1	0.4 +	1.7 +	3.7 +	4.02	0.47	8.55 -	887.	56.	1.
2637	0000	-908	37.3681	80.4549	STC-2	0.5	1.6	4.2 -	3.62	0.38 +	9.42	922.	58.	1.
2638	0000	-905	37.3681	80.4542	STC-2	0.5	1.8	4.4	3.87	0.42 +	9.24	962.	58.	1.
2639	0000	-904	37.3681	80.4536	STC-2	0.5	1.9	4.6	3.82	0.41 +	9.40	987.	58.	1.
2640	0000	-907	37.3681	80.4530	STC-2	0.6	1.8	4.8	3.14	0.37 +	8.53	1035.	58.	2.
2641	0000	-910	37.3681	80.4523	STC-2	0.6	1.9	4.8	3.03	0.39 +	7.69	1103.	56.	3.
2642	0000	-912	37.3680	80.4517	STC-2	0.7	2.0	5.2	3.04	0.38 +	8.07	1153.	57.	3.
2643	0000	-913	37.3680	80.4510	STC-2	0.8	1.8	5.4	2.37	0.33	7.18 -	1195.	57.	3.
2644	0000	-913	37.3680	80.4503	STC-2	0.8	1.9	5.3	2.33	0.36 +	6.41 -	1249.	57.	3.
2645	0000	-914	37.3681	80.4497	STC-2	0.9 +	1.8	5.3	2.09	0.34	6.15 -	1296.	56.	4.
2646	0000	-912	37.3681	80.4491	STC-2	0.9 +	1.9	5.6	2.09	0.33	6.27 -	1342.	58.	3.
2647	0000	-913	37.3681	80.4484	STC-2	0.9 +	1.9	5.5	2.07	0.34	6.01 -	1361.	59.	3.
2648	0000	-914	37.3681	80.4478	STC-2	1.0 +	1.7	5.7	1.81	0.31	5.90 -	1354.	62.	2.
2649	0000	-914	37.3682	80.4471	STC-2	1.0 +	1.7	5.7	1.78	0.30	5.91 -	1364.	63.	2.
2650	0000	-914	37.3682	80.4465	STC-2	0.9 +	1.6	6.1	1.72 -	0.27	6.51 -	1366.	65.	3.
2651	0000	-916	37.3682	80.4458	STC-2	0.9 +	1.5	6.5	1.75	0.24	7.45	1346.	65.	2.
2652	0000	-916	37.3682	80.4451	STC-2	0.8	1.4	6.7	1.69 -	0.21	7.91	1296.	65.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-914	37.3683	80.4445	STC-2	0.8	1.4	6.7	1.79	0.21	8.49	1238.	65.	2.
2654	0000	-916	37.3683	80.4438	STC-2	0.7	1.4	6.3	1.92	0.21	8.96	1155.	65.	2.
2655	0000	-917	37.3683	80.4432	STC-2	0.6	1.3	5.9	2.31	0.23	10.24	1057.	66.	2.
2656	0000	-914	37.3683	80.4426	STC-2	0.5	1.1	5.5	2.12	0.20	10.47	968.	66.	3.
2657	0000	-914	37.3684	80.4419	STC-2	0.4	1.2	5.0	2.66	0.24	11.25	905.	64.	2.
2658	0000	-916	37.3684	80.4412	STC-2	0.4	1.2	4.4 -	3.00	0.28	10.74	851.	66.	2.
2659	0000	-917	37.3684	80.4406	STC-1	0.3 +	1.3	3.9 +	3.94	0.34	11.51	826.	71.	3.
2660	0000	-918	37.3684	80.4399	STC-1	0.3 +	1.4	3.5	4.24	0.39	10.77	815.	71.	3.
2661	0000	-918	37.3685	80.4392	STC-1	0.3	1.4	3.6 +	4.66	0.39	12.09	818.	71.	3.
2662	0000	-918	37.3685	80.4386	STC-1	0.3	1.3	3.5	4.19	0.37	11.20	857.	72.	3.
2663	0000	-919	37.3685	80.4379	OMUU	0.3 -	1.5	3.5 -	4.95 +	0.42 +	11.92	894.	72.	5.
2664	0000	-919	37.3685	80.4372	OMUU	0.3 -	1.4	4.1	4.80 +	0.35	13.66 +	921.	71.	6.
2665	0000	-918	37.3686	80.4366	OMUU	0.3 -	1.2	4.3	3.59	0.28	12.85 +	946.	70.	8.
2666	0000	-918	37.3686	80.4360	OMUU	0.3 -	1.1	4.7	3.37	0.24	14.10 +	959.	66.	8.
2667	0000	-919	37.3687	80.4353	OMUU	0.3 -	1.2	4.6	3.78	0.25	15.16 +	962.	65.	9.
2668	0000	-919	37.3687	80.4346	OMUU	0.3 -	1.3	4.6	4.73 +	0.27	17.26 +	955.	65.	10.
2669	0000	-920	37.3687	80.4340	OMUU	0.2 -	1.3	4.6	5.12 +	0.28	18.38 ++	920.	65.	10.
2670	0000	-920	37.3687	80.4333	OMUU	0.2 -	1.2	4.8	4.91 +	0.25	19.97 ++	878.	65.	9.
2671	0000	-919	37.3687	80.4327	OMUU	0.2 -	1.2	4.3	5.54 +	0.28	19.60 ++	843.	66.	8.
2672	0000	-918	37.3687	80.4320	OMUU	0.2 --	1.3	4.2	8.03 ++	0.32	25.11 ++	811.	64.	8.
2673	0000	-918	37.3688	80.4314	STC-2	0.2 -	1.5	4.0 -	9.20 ++	0.37 +	24.86 +	792.	65.	7.
2674	0000	-918	37.3688	80.4307	STC-1	0.2	1.4	3.8 +	7.44 +	0.36	20.49 +	763.	68.	6.
2675	0000	-919	37.3689	80.4301	STC-1	0.2	1.4	3.7 +	7.17 +	0.38	18.72 +	750.	67.	5.
2676	0000	-921	37.3689	80.4294	STC-1	0.2	1.3	3.6 +	6.43	0.37	17.35 +	733.	66.	5.
2677	0000	-920	37.3689	80.4287	STC-1	0.2	1.2	3.5	6.50	0.35	18.33 +	718.	66.	4.
2678	0000	-920	37.3689	80.4281	STC-1	0.2	1.2	3.5	6.08	0.34	18.11 +	702.	65.	4.
2679	0000	-922	37.3690	80.4274	STC-1	0.2	1.3	3.1	6.58	0.42	15.85	681.	67.	4.
2680	0000	-922	37.3690	80.4267	STC-1	0.2	1.1	2.7	5.63	0.42	13.38	673.	66.	5.
2681	0000	-922	37.3690	80.4261	STC-1	0.2 -	1.2	2.8	7.38 +	0.44	16.74 +	657.	63.	5.
2682	0000	-921	37.3690	80.4254	STC-1	0.2	1.3	2.6	7.74 +	0.52 +	14.88	641.	63.	5.
2683	0000	-919	37.3690	80.4248	STC-1	0.2 -	1.3	2.6	8.67 +	0.52 +	16.77 +	620.	63.	4.
2684	0000	-922	37.3690	80.4242	STC-1	0.2 -	1.5 +	2.3 -	9.67 +	0.62 +	15.50	615.	62.	3.
2685	0000	-924	37.3690	80.4235	STC-1	0.2 -	1.5 +	2.3 -	9.15 +	0.66 +	13.86	605.	62.	2.
2686	0000	-923	37.3691	80.4228	STC-1	0.2 -	1.4	2.3 -	8.51 +	0.61 +	13.94	610.	60.	2.
2687	0000	-922	37.3691	80.4222	STC-1	0.2 -	1.5 +	2.6	9.67 +	0.59 +	16.27	601.	62.	1.
2688	0000	-922	37.3692	80.4215	STC-1	0.2	1.4 +	2.8	8.44 +	0.51 +	16.45	607.	62.	1.
2689	0000	-922	37.3692	80.4209	STC-1	0.2	1.4	2.8	7.26 +	0.49	14.85	626.	62.	1.
2690	0000	-922	37.3692	80.4202	STC-1	0.2	1.3	2.9	6.03	0.44	13.71	651.	61.	2.
2691	0000	-922	37.3692	80.4195	STC-1	0.2	1.3	3.1	5.59	0.43	13.14	668.	61.	2.
2692	0000	-922	37.3693	80.4189	STC-1	0.2	1.4	3.3	6.76	0.42	16.05	690.	60.	2.
2693	0000	-921	37.3693	80.4182	STC-1	0.2	1.5 +	3.3	7.15 +	0.44	16.22	691.	61.	2.
2694	0000	-923	37.3693	80.4175	STC-1	0.2	1.5 +	3.6	7.47 +	0.41	18.11 +	720.	58.	2.
2695	0000	-924	37.3693	80.4169	STC-1	0.2	1.7 +	3.3	8.79 +	0.51 +	17.24 +	736.	57.	3.
2696	0000	-924	37.3694	80.4163	STC-1	0.1 -	1.8 +	3.3	12.53 ++	0.55 +	22.73 ++	751.	56.	3.
2697	0000	-925	37.3694	80.4156	STC-1	0.2	2.1 ++	3.1	12.29 ++	0.68 +	18.09 +	754.	58.	2.
2698	0000	-924	37.3694	80.4150	STC-1	0.1 --	2.1 ++	2.9	18.04 +++	0.73 ++	24.76 ++	749.	60.	3.
2699	0000	-923	37.3694	80.4143	STC-1	0.1 -	2.3 ++	2.7	17.04 ++	0.84 ++	20.17 +	750.	59.	4.
2700	0000	-923	37.3695	80.4136	STC-1	0.1 --	2.1 ++	2.5	21.16 +++	0.83 ++	25.54 ++	741.	56.	5.
2701	0000	-923	37.3695	80.4130	STC-1	0.1 --	2.1 ++	2.0 -	19.85 +++	1.08 +++	18.35 +	708.	57.	4.
2702	0100	-924	37.3695	80.4123	OMUU	0.1 N.A.	2.2 +	2.1 -	23.18 N.A.	1.02 +++	22.74 N.A.	692.	57.	4.
2703	0000	-924	37.3695	80.4116	OMUU	0.1 --	1.8	2.2 -	14.37 +++	0.82 +++	17.63 +	659.	55.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES										
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-921	37.3696	80.4110	OMUU	0.1 ---	1.8	2.0 -	22.01 +++	0.89 +++	24.69 ++	639.	51.	6.
2705	0000	-923	37.3696	80.4103	OMUU	0.1 --	1.6	2.1 -	13.65 +++	0.78 +++	17.56 +	627.	47.	5.
2706	0000	-925	37.3696	80.4097	OMUU	0.1 --	1.5	2.1 -	11.87 +++	0.72 ++	16.51 +	600.	48.	5.
2707	0000	-925	37.3696	80.4090	OMUU	0.2 --	1.4	2.2 -	8.36 ++	0.65 ++	12.83 +	597.	52.	5.
2708	0000	-926	37.3697	80.4084	OMUU	0.2 --	1.3	2.3 -	8.83 ++	0.57 ++	15.42 +	593.	53.	4.
2709	0000	-925	37.3697	80.4077	OMUU	0.2 --	0.9 -	2.1 -	5.59 +	0.44 +	12.64 +	579.	55.	5.
2710	0000	-924	37.3697	80.4071	OMUU	0.2 --	1.0 -	1.9 -	5.75 +	0.49 +	11.65	577.	57.	4.
2711	0000	-925	37.3697	80.4064	OMUU	0.2 -	0.9 -	2.4 -	4.90 +	0.38 +	12.75 +	584.	59.	4.
2712	0000	-924	37.3698	80.4057	OMUU	0.2 -	0.8 -	2.6 -	4.09 +	0.30	13.74 +	600.	60.	4.
2713	0000	-925	37.3698	80.4051	OMUU	0.2 --	0.7 -	2.7 -	4.47 +	0.27	16.66 +	629.	61.	6.
2714	0000	-925	37.3698	80.4044	OMUU	0.2 -	0.6 -	3.0 -	3.24	0.22	15.03 +	661.	59.	7.
2715	0010	-923	37.3698	80.4038	OMUU	0.2 -	0.4 N.A.	3.2 -	1.99 N.A.	0.14 N.A.	14.04 +	704.	57.	10.
2716	0010	-925	37.3699	80.4032	OMUU	0.3 -	0.4 N.A.	3.3 -	1.46 N.A.	0.13 N.A.	11.02	752.	55.	11.
2717	0010	-924	37.3699	80.4025	OMUU	0.3 -	0.4 N.A.	3.7 -	1.25 N.A.	0.11 N.A.	10.90	789.	55.	13.
2718	0010	-922	37.3699	80.4018	OMUU	0.3 -	0.5 N.A.	3.8	1.87 N.A.	0.14 N.A.	13.47 +	816.	58.	14.
2719	0000	-923	37.3699	80.4012	OMUU	0.3 -	0.6 -	3.8	2.06	0.16 -	12.68 +	841.	57.	15.
2720	0000	-923	37.3700	80.4005	OMUU	0.3 -	0.7 -	3.6 -	2.13	0.19	11.04	831.	56.	15.
2721	0000	-924	37.3700	80.3998	OMUU	0.3 -	0.8 -	3.6 -	2.62	0.21	12.27	816.	54.	14.
2722	0000	-924	37.3700	80.3992	OMUU	0.3 -	0.9 -	3.7 -	2.71	0.24	11.43	792.	54.	13.
2723	0000	-923	37.3700	80.3985	OMUU	0.3 -	1.0	3.4 -	3.77	0.30	12.60 +	774.	55.	12.
2724	0000	-926	37.3700	80.3979	OMUU	0.2 -	1.1	3.3 -	4.51 +	0.34	13.28 +	753.	52.	10.
2725	0000	-927	37.3701	80.3973	OMUU	0.3 -	1.0 -	3.2 -	3.12	0.30	10.52	743.	50.	9.
2726	0000	-926	37.3701	80.3966	OMUU	0.3 -	1.2	3.2 -	4.16 +	0.37	11.20	726.	50.	7.
2727	0000	-926	37.3701	80.3959	OMUU	0.3 -	1.2	3.6 -	4.30 +	0.34	12.52 +	758.	51.	6.
2728	0000	-925	37.3701	80.3953	OMUU	0.4	1.4	3.9	3.95 +	0.36	11.07	808.	50.	5.
2729	0000	-927	37.3702	80.3946	OMUU	0.3 -	1.6	4.0	4.85 +	0.41 +	11.96	860.	51.	4.
2730	0000	-927	37.3702	80.3939	OMUU	0.4	1.8	4.4	4.56 +	0.39 +	11.56	917.	51.	3.
2731	0000	-926	37.3702	80.3933	OMUU	0.4	1.9	4.9	4.83 +	0.38 +	12.62 +	976.	52.	4.
2732	0000	-927	37.3702	80.3926	OMUU	0.4	1.8	5.3	4.10 +	0.34	11.94	1031.	52.	4.
2733	0000	-927	37.3703	80.3919	OMUU	0.5	1.9	5.7	3.93 +	0.33	11.75	1094.	54.	5.
2734	0000	-927	37.3703	80.3914	OMUU	0.5	1.7	5.6	3.19	0.31	10.37	1120.	53.	6.
2735	0000	-928	37.3703	80.3907	OMUU	0.5	1.7	5.2	3.40	0.33	10.43	1121.	56.	8.
2736	0000	-927	37.3703	80.3900	OMUU	0.6	1.4	4.9	2.43	0.29	8.37	1105.	56.	10.
2737	0000	-924	37.3704	80.3893	OMUU	0.6	1.3	4.9	2.43	0.27	8.93	1081.	57.	12.
2738	0000	-924	37.3704	80.3887	OMUU	0.6	1.2	4.6	2.04	0.25	8.01	1053.	58.	13.
2739	0000	-925	37.3704	80.3880	OMUU	0.5	1.2	4.3	2.28	0.28	8.05	1046.	57.	14.
2740	0000	-926	37.3704	80.3874	OMUU	0.5	1.3	4.0	2.43	0.32	7.54	1049.	56.	14.
2741	0000	-926	37.3705	80.3867	OMUU	0.5	1.6	4.0	3.13	0.39 +	7.96	1078.	57.	13.
2742	0000	-924	37.3705	80.3860	OMUU	0.5	1.8	4.4	3.38	0.40 +	8.39	1137.	54.	11.
2743	0000	-925	37.3705	80.3854	OMUU	0.5	2.4 +	5.0	4.56 +	0.48 +	9.50	1224.	53.	9.
2744	0000	-926	37.3705	80.3848	OMUU	0.7	2.6 ++	5.2	3.88 +	0.51 +	7.64	1325.	55.	8.
2745	0000	-924	37.3706	80.3841	OMUU	0.8	2.9 ++	5.2	3.53	0.55 ++	6.39	1450.	53.	8.
2746	0000	-924	37.3706	80.3834	OMUU	0.9	3.1 +++	4.9	3.36	0.62 ++	5.43 -	1531.	55.	8.
2747	0000	-925	37.3706	80.3828	OMUU	1.0	3.1 +++	5.4	2.98	0.57 ++	5.21 -	1624.	56.	8.
2748	0000	-925	37.3706	80.3821	OMUU	1.2 +	3.1 +++	5.7	2.67	0.55 ++	4.89 -	1715.	54.	8.
2749	0000	-924	37.3707	80.3815	OMUU	1.3 +	3.0 +++	5.8	2.31	0.52 +	4.46 -	1782.	55.	9.
2750	0000	-925	37.3707	80.3808	OMUU	1.3 +	2.9 ++	6.4	2.17	0.45 +	4.79 -	1821.	55.	9.
2751	0000	-925	37.3707	80.3802	OMUU	1.2 +	2.9 ++	6.6	2.41	0.44 +	5.46 -	1812.	53.	9.
2752	0000	-924	37.3707	80.3795	OMUU	1.1	3.0 +++	6.8	2.65	0.43 +	6.13	1779.	54.	9.
2753	0000	-924	37.3708	80.3789	OMUU	1.1	3.0 +++	7.3	2.87	0.42 +	6.89	1764.	52.	8.
2754	0000	-927	37.3708	80.3782	OMUU	0.9	3.0 +++	7.1	3.23	0.43 +	7.55	1697.	51.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-926	37.3708	80.3775	OMUU	0.8	3.0 +++	6.9	3.74	0.44 +	8.60	1631.	51.	8.
2756	0000	-923	37.3708	80.3769	OMUU	0.7	2.9 ++	7.0	4.35 +	0.41 +	10.59	1565.	53.	8.
2757	0000	-923	37.3709	80.3762	OMUU	0.6	2.9 +++	6.5	5.13 +	0.45 +	11.49	1522.	53.	8.
2758	0000	-924	37.3709	80.3755	OMUU	0.6	2.7 ++	7.2	4.80 +	0.38 +	12.60 +	1539.	53.	8.
2759	0000	-923	37.3709	80.3749	OMUU	0.6	2.8 ++	7.3	4.76 +	0.38 +	12.52 +	1554.	54.	8.
2760	0000	-924	37.3709	80.3742	OMUU	0.5	2.8 ++	7.4	5.07 +	0.38	13.48 +	1555.	56.	8.
2761	0000	-924	37.3710	80.3736	OMUU	0.6	2.7 ++	7.6 +	4.92 +	0.36	13.68 +	1550.	55.	7.
2762	0000	-925	37.3710	80.3730	OMUU	0.5	2.8 ++	7.3	5.20 +	0.38 +	13.65 +	1510.	54.	6.
2763	0000	-926	37.37	80.3722	OMUU	0.5	3.0 +++	6.7	5.69 +	0.44 +	12.79 +	1457.	54.	5.
2764	0000	-924	37.3710	80.3716	OMUU	0.5	2.8 ++	6.5	5.69 +	0.43 +	13.11 +	1400.	54.	4.
2765	0000	-925	37.3710	80.3710	OMUU	0.5	2.8 ++	5.5	6.02 +	0.52 +	11.67	1314.	53.	4.
2766	0000	-926	37.3711	80.3703	OMUU	0.4	2.9 ++	5.5	7.05 ++	0.53 +	13.35 +	1272.	52.	3.
2767	0000	-924	37.3711	80.3697	OMUU	0.4	2.9 ++	5.4	6.55 +	0.54 ++	12.20	1259.	52.	3.
2768	0000	-923	37.3711	80.3690	OMUU	0.4	2.8 ++	5.3	6.78 +	0.53 +	12.82 +	1270.	53.	3.
2769	0000	-922	37.3711	80.3683	OMUU	0.4	2.7 ++	5.6	6.44 +	0.49 +	13.21 +	1304.	53.	5.
2770	0000	-919	37.3712	80.3677	OMUU	0.4	2.6 ++	5.7	6.22 +	0.46 +	13.53 +	1328.	53.	6.
2771	0000	-920	37.3712	80.3670	OMUU	0.4	2.2 +	5.8	5.38 +	0.39 +	13.91 +	1327.	56.	9.
2772	0000	-923	37.3712	80.3663	OMUU	0.4	2.4 +	5.7	6.04 +	0.42 +	14.33 +	1347.	57.	10.
2773	0000	-923	37.3712	80.3657	OMUU	0.4	2.2 +	5.6	5.62 +	0.39 +	14.45 +	1342.	57.	12.
2774	0000	-923	37.3713	80.3651	OMUU	0.4	2.2 +	5.5	5.89 +	0.41 +	14.43 +	1330.	56.	12.
2775	0000	-922	37.3713	80.3644	OMUU	0.4	2.6 ++	5.1	6.87 ++	0.51 +	13.56 +	1334.	55.	13.
2776	0000	-920	37.3713	80.3637	OMUU	0.4	2.6 ++	4.6	5.98 +	0.58 ++	10.38	1330.	55.	12.
2777	0000	-919	37.3713	80.3631	OMUU	0.6	2.7 ++	4.7	4.92 +	0.58 ++	8.51	1359.	53.	10.
2778	0000	-920	37.3714	80.3624	OMUU	0.6	3.1 +++	4.7	4.79 +	0.66 ++	7.23	1408.	52.	8.
2779	0000	-922	37.3714	80.3618	OMUU	0.7	3.2 +++	4.8	4.34 +	0.66 ++	6.54	1466.	54.	6.
2780	0000	-922	37.3714	80.3611	OMUU	0.8	3.4 +++	5.2	4.25 +	0.66 ++	6.49	1507.	54.	4.
2781	0000	-920	37.3714	80.3604	OMUU	0.8	3.3 +++	5.6	3.95 +	0.59 ++	6.73	1524.	54.	3.
2782	0000	-919	37.3715	80.3598	OMUU	0.9	2.9 +++	6.0	3.29	0.49 +	6.73	1513.	55.	2.
2783	0000	-919	37.3715	80.3591	OMUU	0.8	2.8 ++	6.4	3.32	0.44 +	7.56	1497.	57.	1.
2784	0000	-918	37.3715	80.3585	OMUU	0.8	2.7 ++	6.5	3.52	0.42 +	8.35	1464.	56.	1.
2785	0000	-918	37.3715	80.3578	OMUU	0.7	2.7 ++	6.3	3.63	0.43 +	8.36	1436.	55.	2.
2786	0000	-918	37.3716	80.3572	OMUU	0.7	2.2 +	6.4	3.07	0.35	8.77	1381.	53.	3.
2787	0000	-918	37.3716	80.3566	OMUU	0.7	2.0 +	6.0	2.76	0.33	8.34	1321.	55.	4.
2788	0000	-919	37.3716	80.3559	OMUU	0.7	1.9	5.6	2.69	0.35	7.70	1291.	54.	5.
2789	0000	-918	37.3716	80.3552	OMUU	0.8	1.9	5.2	2.55	0.38	6.79	1282.	55.	6.
2790	0000	-918	37.3717	80.3545	CCR-1	0.8	1.7	5.3	2.12	0.33	6.49	1281.	54.	7.
2791	0000	-919	37.3717	80.3539	CCR-1	0.9	1.7	5.3	1.88	0.32	5.79	1315.	55.	7.
2792	0000	-918	37.3717	80.3532	CCR-1	1.0	1.4	5.0	1.44	0.28	5.12	1297.	55.	8.
2793	0000	-916	37.3717	80.3526	CCR-1	1.0	1.4	4.6	1.44	0.31	4.60	1279.	56.	8.
2794	0000	-914	37.3718	80.3520	CCR-1	1.1	1.4	4.4	1.30 -	0.31	4.18	1280.	53.	9.
2795	0000	-915	37.3718	80.3513	CCR-1	1.0	1.5	4.0	1.50	0.38	3.91 -	1260.	53.	8.
2796	0000	-918	37.3718	80.3506	CCR-1	1.0	1.4	4.0	1.43	0.36	4.01 -	1237.	51.	8.
2797	0000	-918	37.3718	80.3500	CCR-1	1.0	1.6	3.7	1.65	0.42	3.92 -	1222.	49.	7.
2798	0000	-916	37.3719	80.3493	CCR-1	0.9	1.5	3.7	1.71	0.41	4.14 -	1169.	50.	7.
2799	0000	-916	37.3719	80.3486	CCR-1	0.8	1.6	3.7	1.94	0.43	4.48	1156.	49.	7.
2800	0000	-915	37.3719	80.3480	CCR-1	0.8	1.7	3.7	2.08	0.45	4.66	1153.	46.	6.
2801	0000	-914	37.3719	80.3473	CCR-1	0.7	1.8	3.4 -	2.37	0.52 +	4.60	1135.	47.	6.
2802	0000	-914	37.3720	80.3467	CCR-1	0.7	1.7	3.6 -	2.32	0.49	4.74	1122.	48.	6.
2803	0000	-914	37.3720	80.3461	CCR-1	0.7	1.7	3.5 -	2.41	0.48	4.98	1103.	47.	6.
2804	0000	-914	37.3720	80.3454	CCR-1	0.7	1.5	3.4 -	2.25	0.45	4.99	1079.	48.	8.
2805	0000	-914	37.3720	80.3447	CCR-1	0.6	1.5	3.3 -	2.41	0.47	5.13	1056.	47.	9.

CP 9 IP 12

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES					*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-913	37.3720	80.3441	CCR-1	0.6	1.4	3.5 -	2.48	0.41	6.11	1032.	50.	10.
2807	0000	-912	37.3720	80.3435	CCR-1	0.5	1.4	3.3 -	2.59	0.41	6.34	994.	53.	11.
2808	0000	-913	37.3720	80.3429	CCR-1	0.5	1.1 -	3.3 -	2.47	0.34	7.32	964.	54.	13.
2809	0000	-912	37.3720	80.3423	CCR-1	0.4 -	0.9 -	3.6 -	2.31	0.25 -	9.06	951.	52.	14.
2810	0000	-911	37.3720	80.3418	CCR-1	0.4 -	0.9 -	3.6 -	2.36	0.25 -	9.38	956.	55.	14.
2811	0000	-912	37.3720	80.3413	CCR-1	0.4 -	0.9 -	4.1	2.23	0.21 -	10.64 +	972.	56.	13.
2812	0000	-910	37.3720	80.3407	CCR-1	0.4 -	1.0 -	4.3	2.59	0.23 -	11.03 +	1013.	58.	13.
2813	0000	-906	37.3720	80.3401	CCR-1	0.4	1.1 -	4.5	2.57	0.25 -	10.45	1080.	57.	13.
2814	0000	-906	37.3720	80.3396	CCR-1	0.5	1.2 -	5.2	2.68	0.23 -	11.42 +	1147.	57.	11.
2815	0000	-907	37.3720	80.3390	CCR-1	0.5	1.2 -	5.9	2.27	0.21 -	10.96 +	1222.	55.	12.
2816	0000	-907	37.3720	80.3384	CCR-1	0.6	1.2	6.3 +	2.12	0.20 -	10.72 +	1277.	59.	12.
2817	0000	-907	37.3720	80.3379	CCR-1	0.7	1.0 -	7.3 +	1.55	0.14 --	11.03 +	1340.	58.	12.
2818	0000	-908	37.3720	80.3373	CCR-1	0.7	1.1 -	7.6 +	1.53	0.15 --	10.31	1399.	58.	13.
2819	0000	-908	37.3720	80.3367	CCR-1	0.8	1.0 -	7.7 ++	1.22 -	0.13 --	9.51	1452.	56.	13.
2820	0000	-906	37.3720	80.3362	CCR-1	0.9	0.8 -	7.8 ++	0.90 -	0.10 --	8.60	1485.	57.	14.
2821	0000	-904	37.3720	80.3357	CCR-1	1.0	0.7 -	7.7 ++	0.69 --	0.09 --	7.62	1523.	58.	16.
2822	0000	-905	37.3720	80.3351	CCR-2	1.1 -	0.8 --	8.5	0.80	0.10 --	8.03 +	1584.	55.	15.
2823	0000	-905	37.3720	80.3345	CCR-2	1.2 -	1.0 --	9.0	0.82	0.11 --	7.74 +	1652.	52.	14.
2824	0000	-904	37.3720	80.3339	CCR-2	1.2 -	1.2 -	8.6	0.96	0.14 -	6.92 +	1693.	53.	13.
2825	0000	-905	37.3720	80.3334	CCR-2	1.3 -	1.2 -	8.5	0.93	0.14 -	6.53	1737.	52.	11.
2826	0000	-904	37.3720	80.3329	CCR-2	1.3	1.5 -	8.8	1.12	0.17 -	6.57	1759.	53.	9.
2827	0000	-905	37.3720	80.3323	CCR-2	1.3 -	2.0	8.8	1.53	0.23	6.75	1793.	53.	7.
2828	0000	-906	37.3720	80.3317	CCR-2	1.3 -	2.2	9.3 +	1.67	0.23	7.11 +	1830.	51.	4.
2829	0000	-903	37.3720	80.3311	CCR-2	1.3	2.4	8.7	1.80	0.28	6.48	1826.	54.	3.
2830	0000	-901	37.3719	80.3305	CCR-2	1.3	2.4	8.5	1.80	0.28	6.45	1811.	56.	2.
2831	0000	-903	37.3719	80.3300	CCR-2	1.3 -	2.3	8.8	1.80	0.27	6.79 +	1803.	56.	2.
2832	0000	-901	37.3719	80.3295	CCR-2	1.2 -	2.4	8.9	1.93 +	0.27	7.25 +	1791.	55.	2.
2833	0000	-902	37.3719	80.3289	CCR-2	1.3 -	2.3	8.7	1.77	0.26	6.71	1780.	56.	3.
2834	0000	-903	37.3719	80.3284	CCR-2	1.3 -	1.9	8.7	1.46	0.22	6.77	1737.	57.	5.
2835	0000	-900	37.3719	80.3277	CCR-2	1.3 -	1.7 -	8.1 -	1.36	0.21	6.36	1681.	59.	5.
2836	0000	-900	37.3719	80.3272	CCR-1	1.2	1.8	7.9 ++	1.44	0.22 -	6.45	1632.	60.	5.
2837	0000	-901	37.3719	80.3267	CCR-1	1.2	1.6	7.3 +	1.36 -	0.22 -	6.06	1587.	59.	6.
2838	0000	-900	37.3719	80.3261	CCR-1	1.2	1.5	7.0 +	1.26 -	0.22 -	5.75	1533.	60.	6.
2839	0000	-899	37.3719	80.3255	CCR-1	1.2	1.5	6.2	1.32 -	0.24 -	5.39	1469.	63.	7.
2840	0000	-898	37.3719	80.3250	CCR-1	1.0	1.3	6.3 +	1.32 -	0.21 -	6.21	1402.	62.	6.
2841	0000	-896	37.3719	80.3244	OKU	1.0	1.4	6.1	1.41	0.22	6.30	1345.	61.	6.
2842	0000	-897	37.3719	80.3239	OKU	0.9	1.5	6.0	1.69	0.26	6.61	1283.	60.	5.
2843	0000	-897	37.3719	80.3233	OKU	0.8	1.3	5.6	1.59	0.24	6.74	1205.	62.	5.
2844	0000	-896	37.3718	80.3227	OKU	0.7	1.5	5.5	2.08	0.27	7.63	1131.	61.	4.
2845	0000	-894	37.3718	80.3221	OKU	0.6	1.6	5.0	2.53	0.32	7.88	1054.	61.	3.
2846	0000	-895	37.3718	80.3216	OKU	0.6	1.6	4.7	2.77	0.34	8.22	967.	62.	1.
2847	0000	-897	37.3718	80.3210	OKU	0.5	1.6	4.5	2.87	0.35	8.32	889.	63.	1.
2848	0000	-895	37.3718	80.3205	OKU	0.5	1.5	3.9	3.14	0.37	8.46	820.	63.	1.
2849	0000	-894	37.3718	80.3199	OKU	0.4	1.2	3.7	3.01	0.34	8.91	761.	61.	2.
2850	0000	-894	37.3718	80.3193	OKU	0.4	1.0 -	3.2 -	2.57	0.29	8.72	714.	62.	4.
2851	0000	-894	37.3718	80.3188	OKU	0.4	0.7 -	2.9 -	1.64	0.24	6.94	680.	63.	6.
2852	0000	-895	37.3718	80.3182	OKU	0.3 -	0.6 -	2.5 --	1.61	0.22	7.42	645.	64.	8.
2853	0010	-893	37.3718	80.3177	OKU	0.3 -	0.0 N.A.	2.4 --	0.0 N.A.	0.0 N.A.	7.55	624.	61.	11.
2854	0010	-892	37.3718	80.3171	OKU	0.3 -	0.0 N.A.	1.8 ---	0.0 N.A.	0.0 N.A.	6.91	604.	61.	15.
2855	0010	-894	37.3718	80.3165	OKU	0.3 -	0.0 N.A.	1.8 ---	0.0 N.A.	0.0 N.A.	6.28	580.	64.	18.
2856	0010	-894	37.3718	80.3160	OKU	0.2 -	0.0 N.A.	2.2 --	0.0 N.A.	0.0 N.A.	9.72	576.	64.	20.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0010	-892	37.3718	80.3155	OMUU	0.2 -	0.0 N.A.	2.4 -	0.0 N.A.	0.0 N.A.	10.09	573.	62.	20.
2858	0010	-892	37.3718	80.3148	OMUU	0.1 --	0.0 N.A.	2.5 -	0.0 N.A.	0.0 N.A.	19.73 ++	549.	62.	21.
2859	0010	-890	37.3718	80.3143	OMUU	0.1 --	0.0 N.A.	2.6 -	0.0 N.A.	0.0 N.A.	19.51 ++	553.	61.	21.
2860	1010	-889	37.3718	80.3137	OMUU	0.1 --	0.0 N.A.	2.8 -	0.0 N.A.	0.0 N.A.	22.81 ++	554.	59.	19.
2861	1110	-890	37.3718	80.3132	OMUU	0.1 N.A.	0.0 N.A.	3.2 -	0.0 N.A.	0.0 N.A.	31.17 N.A.	575.	58.	17.
2862	1110	-890	37.3718	80.3126	OMUU	0.1 N.A.	0.0 N.A.	3.2 -	0.0 N.A.	0.0 N.A.	54.49 N.A.	598.	54.	15.
2863	1110	-890	37.3718	80.3121	OMUU	0.1 N.A.	0.0 N.A.	3.0 -	0.0 N.A.	0.0 N.A.	29.38 N.A.	623.	55.	12.
2864	1110	-889	37.3718	80.3115	OMUU	0.2 N.A.	0.2 N.A.	3.0 -	1.58 N.A.	0.08 N.A.	19.65 N.A.	644.	55.	10.
2865	1100	-888	37.3718	80.3109	OMUU	0.2 N.A.	0.9 -	2.9 -	5.75 N.A.	0.31	18.78 N.A.	700.	55.	9.
2866	1100	-888	37.3718	80.3104	OMUU	0.2 N.A.	1.3	2.9 -	7.34 N.A.	0.43 +	17.12 N.A.	730.	58.	8.
2867	1000	-889	37.3717	80.3098	OMUU	0.2 -	1.7	2.7 -	8.23 ++	0.64 ++	12.92 +	761.	63.	8.
2868	1000	-889	37.3717	80.3092	OMUU	0.2 -	2.1 +	3.1 -	9.68 ++	0.68 ++	14.19 +	799.	61.	7.
2869	1000	-887	37.3717	80.3087	OMUU	0.3 -	1,8	3.6 -	6.97 ++	0.49 +	14.37 +	832.	66.	7.
2870	1000	-886	37.3717	80.3081	OMUU	0.3 -	1.7	3.1 -	5.06 +	0.56 ++	9.09	859.	66.	8.
2871	1000	-887	37.3717	80.3076	OMUU	0.3 -	1.8	3.0 -	6.17 +	0.59 ++	10.50	894.	67.	9.
2872	1000	-887	37.3717	80.3070	OMUU	0.3 -	1.5	3.5 -	4.56 +	0.41 +	11.05	913.	66.	9.
2873	1000	-885	37.3717	80.3064	OMUU	0.3 -	1.7	4.0	5.72 +	0.42 +	13.69 +	943.	63.	8.
2874	1000	-885	37.3717	80.3059	OMUU	0.2 -	1.5	5.4	5.93 +	0.27	21.90 ++	989.	59.	10.
2875	1000	-885	37.3717	80.3053	OMUU	0.3 -	1.2	5.2	3.68	0.23	16.25 +	1000.	61.	10.
2876	1000	-885	37.3717	80.3048	OMUU	0.3 -	1.3	4.8	4.00 +	0.27	14.96 +	1017.	59.	10.
2877	1100	-884	37.3717	80.3042	OMUU	0.2 N.A.	1.0	5.7	4.99 N.A.	0.18 -	27.27 N.A.	1005.	62.	11.
2878	1100	-884	37.3717	80.3036	OMUU	0.1 N.A.	1.6	5.8	12.91 N.A.	0.27	47.38 N.A.	1014.	61.	10.
2879	1100	-883	37.3717	80.3031	OMUU	0.2 N.A.	1.3	5.4	8.50 N.A.	0.24	34.75 N.A.	1004.	64.	11.
2880	1010	-883	37.3717	80.3025	OMUU	0.2 -	0.9 N.A.	5.8	3.66 N.A.	0.16 N.A.	23.45 ++	996.	64.	12.
2881	1000	-885	37.3717	80.3019	OMUU	0.3 -	1.1	4.8	3.39	0.23	14.73 +	986.	66.	11.
2882	1000	-884	37.3717	80.3014	OMUU	0.2 -	1.1	4.9	4.46 +	0.22	19.86 ++	982.	65.	11.
2883	1000	-882	37.3717	80.3008	OMUU	0.2 -	1.3	5.1	5.70 +	0.26	22.15 ++	977.	64.	10.
2884	1000	-882	37.3717	80.3002	OMUU	0.3 -	1.5	5.3	4.94 +	0.28	17.61 +	998.	60.	9.
2885	1000	-882	37.3716	80.2997	OMUU	0.3 -	1.3	5.7	4.00 +	0.23	17.04 +	962.	59.	8.
2886	1000	-880	37.3716	80.2992	OMUU	0.3 -	1.5	5.7	4.88 +	0.26	18.95 ++	933.	58.	7.
2887	1000	-880	37.3716	80.2986	OMUU	0.3 -	1.2	5.1	4.22 +	0.23	18.36 ++	907.	59.	7.
2888	1000	-878	37.3716	80.2980	OMUU	0.2 -	1.2	5.1	5.87 +	0.23	25.53 ++	848.	57.	6.
2889	1000	-876	37.3716	80.2974	STC-2	0.2 -	1.3	4.7	6.68 +	0.27	24.61 +	816.	57.	6.
2890	1000	-876	37.3716	80.2969	STC-2	0.2 -	1.0	4.7	5.30 +	0.22	24.30 +	774.	60.	6.
2891	1000	-876	37.3716	80.2964	STC-2	0.2 --	1.0	4.3 -	6.81 +	0.24	28.53 ++	739.	60.	8.
2892	0000	-874	37.3716	80.2958	STC-2	0.2 -	0.4 ---	4.0 -	1.81	0.10 --	17.27	737.	60.	9.
2893	0000	-874	37.3716	80.2952	STC-2	0.2 -	0.5 ---	4.1 -	1.83	0.11 --	16.36	746.	57.	10.
2894	0000	-874	37.3716	80.2946	STC-2	0.2 -	0.8 -	4.3 -	3.94	0.18 -	21.74 +	757.	56.	11.
2895	0010	-873	37.3716	80.2940	STC-2	0.2 -	0.5 N.A.	4.4 -	2.12 N.A.	0.11 N.A.	19.37 +	767.	56.	12.
2896	0010	-871	37.3716	80.2935	STC-2	0.3 -	0.3 N.A.	4.3 -	1.00 N.A.	0.06 N.A.	15.95	760.	56.	13.
2897	0000	-868	37.3716	80.2930	STC-1	0.2	0.6 -	3.9 +	2.70 -	0.16 --	16.42	763.	53.	13.
2898	0000	-867	37.3716	80.2924	STC-1	0.2	0.8	3.4	3.62	0.24 -	14.90	734.	54.	13.
2899	0000	-867	37.3716	80.2919	STC-1	0.2	0.9	3.1	5.09	0.29	17.38 +	697.	54.	12.
2900	0000	-867	37.3716	80.2912	STC-1	0.2 -	0.9	2.8	5.98	0.33	18.20 +	672.	52.	12.
2901	0000	-866	37.3715	80.2907	STC-1	0.1 -	0.9	2.7	6.61	0.32	20.43 +	621.	52.	11.
2902	0000	-864	37.3715	80.2902	STC-1	0.1 -	1.0	2.2 -	7.43 +	0.46	16.06	580.	53.	10.
2903	0000	-864	37.3715	80.2896	STC-1	0.1 -	1.0	2.1 -	7.70 +	0.46	16.69	547.	49.	10.
2904	0000	-863	37.3715	80.2890	STC-1	0.1 -	0.8	2.1 -	5.77	0.41	14.02	520.	50.	10.
2905	0000	-861	37.3715	80.2885	STC-1	0.2	0.6 -	2.0 -	2.97	0.28	10.44	519.	50.	10.
2906	0000	-860	37.3715	80.2879	STC-1	0.2	0.6 -	2.0 -	2.94	0.29	10.19	525.	51.	11.
2907	0000	-860	37.3715	80.2874	STC-1	0.2	0.6 -	1.9 -	3.09	0.31	9.86	525.	54.	11.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-858	37.3715	80.2868	STC-1	0.2	0.7 -	1.7 --	3.35	0.40	8.46 -	558.	53.	11.
2909	0000	-857	37.3715	80.2862	STC-1	0.2	0.7 -	1.9 -	3.13	0.36	8.63 -	594.	52.	11.
2910	0000	-856	37.3715	80.2856	STC-1	0.2	0.9	1.6 --	4.12	0.54 +	7.62 -	620.	56.	10.
2911	0000	-856	37.3715	80.2851	STC-1	0.2	1.0	1.5 --	4.80	0.67 +	7.21 -	645.	56.	10.
2912	0000	-855	37.3715	80.2846	DLMU-1	0.2	1.4	1.8 -	6.92 +	0.77 ++	8.98	693.	57.	8.
2913	0000	-852	37.3715	80.2840	DLMU-1	0.3	1.6	2.2 -	5.58	0.75 +	7.44	771.	53.	7.
2914	0000	-850	37.3715	80.2834	DLMU-1	0.4	1.8	2.6 -	4.62	0.70 +	6.57	862.	50.	5.
2915	0000	-848	37.3715	80.2828	DLMU-1	0.5	2.1 +	2.7	4.19	0.75 ++	5.56 -	944.	50.	4.
2916	0000	-847	37.3715	80.2823	DLMU-1	0.6	2.1 +	3.1	3.35	0.66 +	5.04 -	1043.	50.	3.
2917	0000	-846	37.3715	80.2817	DLMU-1	0.7	2.1 +	3.8	2.90	0.55 +	5.32 -	1145.	50.	3.
2918	0000	-845	37.3715	80.2812	DLMU-1	0.8 +	2.1 +	4.3	2.50	0.48	5.17 -	1240.	49.	3.
2919	0000	-844	37.3715	80.2806	DLMU-1	0.9 +	2.1 +	4.7	2.45	0.44	5.57 -	1293.	48.	3.
2920	0000	-843	37.3715	80.2800	DLMU-1	0.9 +	2.0 +	5.1	2.32	0.40	5.85 -	1334.	49.	5.
2921	0000	-841	37.3715	80.2795	DLMU-1	0.9 +	1.8	5.1	2.04	0.36	5.72 -	1356.	52.	5.
2922	0000	-841	37.3715	80.2790	DLMU-1	0.9 +	1.6	5.3	1.75 -	0.30	5.90 -	1379.	53.	7.
2923	0000	-842	37.3715	80.2784	DLMU-1	0.9 +	1.7	5.3	2.04	0.33	6.20	1389.	54.	8.
2924	0000	-839	37.3715	80.2778	DLMU-1	0.9 +	1.8	5.9 +	1.93	0.30	6.54	1422.	52.	8.
2925	0000	-837	37.3715	80.2772	DLMU-1	1.0 +	2.2 +	6.1 +	2.29	0.36	6.35	1496.	52.	7.
2926	0000	-837	37.3715	80.2767	DLMU-1	1.1 +	2.1 +	6.3 +	1.85	0.33	5.58 -	1579.	52.	7.
2927	0000	-836	37.3715	80.2761	DLMU-1	1.2 +	2.3 +	6.5 +	1.89	0.35	5.38 -	1672.	51.	7.
2928	0000	-835	37.3714	80.2756	DLMU-2	1.3	2.5	7.0 -	1.86	0.35 +	5.26	1769.	50.	6.
2929	0000	-835	37.3714	80.2750	DLMU-2	1.4	3.0 +	7.2 -	2.07	0.41 +	5.01	1838.	49.	5.
2930	0000	-833	37.3714	80.2744	DLMU-2	1.5	3.0 +	7.3 -	1.97	0.42 +	4.72 -	1900.	47.	4.
2931	0000	-832	37.3714	80.2739	DLMU-2	1.6	3.1 +	7.1 -	1.99	0.44 ++	4.57 -	1925.	48.	4.
2932	0000	-832	37.3714	80.2733	DLMU-2	1.5	2.7 +	7.6	1.76	0.36 +	4.93 -	1911.	47.	5.
2933	0000	-829	37.3714	80.2728	DLMU-2	1.5	2.8 +	7.9	1.90	0.36 +	5.31	1901.	46.	4.
2934	0000	-827	37.3714	80.2722	DLMU-2	1.5	2.8 +	7.9	1.91	0.35 +	5.40	1875.	47.	5.
2935	0000	-828	37.3714	80.2716	DLMU-2	1.4	2.7	8.1	1.88	0.33	5.75	1868.	45.	6.
2936	0000	-826	37.3714	80.2711	DLMU-2	1.4	2.3	8.4	1.61	0.27	5.93	1877.	44.	8.
2937	0000	-825	37.3714	80.2705	DLMU-2	1.4	2.0	9.1	1.43	0.22	6.41	1905.	45.	8.
2938	0000	-825	37.3714	80.2699	DLMU-2	1.5	2.0	8.9	1.31	0.22	5.93	1928.	44.	9.
2939	0000	-824	37.3714	80.2694	DLMU-2	1.6	1.8	8.7	1.13 -	0.20	5.55	1961.	47.	9.
2940	0000	-823	37.3713	80.2688	DLMU-2	1.7 +	1.5 -	9.1	0.87 --	0.16 -	5.38	2007.	48.	9.
2941	0000	-822	37.3713	80.2683	DLMU-2	1.8 +	1.5 -	9.1	0.82 --	0.16 -	5.06	2064.	48.	8.
2942	0000	-821	37.3713	80.2677	DLMU-2	1.8 +	1.7 -	8.8	0.91 -	0.19 -	4.83 -	2104.	49.	7.
2943	0000	-821	37.3713	80.2671	DLMU-2	1.8 +	1.9	8.9	1.04 -	0.21	4.84 -	2127.	51.	6.
2944	0000	-820	37.3713	80.2665	DLMU-2	1.8 +	2.2	8.8	1.20 -	0.25	4.83 -	2119.	53.	5.
2945	0000	-821	37.3713	80.2660	DLMU-2	1.8 +	2.3	8.9	1.31	0.26	5.03	2133.	53.	4.
2946	0000	-820	37.3713	80.2655	DLMU-2	1.7 +	2.6	8.9	1.50	0.29	5.17	2139.	52.	4.
2947	0000	-820	37.3713	80.2649	DLMU-2	1.6	2.8 +	8.8	1.71	0.32	5.41	2126.	51.	5.
2948	0000	-821	37.3713	80.2643	DLMU-2	1.6	2.7	9.0	1.73	0.30	5.82	2103.	52.	6.
2949	0000	-819	37.3713	80.2638	DLMU-2	1.5	2.6	9.5 +	1.72	0.27	6.36	2059.	52.	6.
2950	0000	-817	37.3713	80.2632	DLMU-2	1.5	2.6	9.6 +	1.70	0.27	6.34	2052.	50.	7.
2951	0000	-816	37.3713	80.2627	DB-2	1.5	2.5	9.6	1.68	0.26	6.38	2058.	48.	8.
2952	0000	-815	37.3713	80.2621	DB-2	1.5	2.5	9.7 +	1.69	0.26	6.48	2051.	48.	8.
2953	0000	-815	37.3713	80.2615	DB-2	1.5	2.4	10.3 +	1.64	0.23	7.07	2046.	48.	7.
2954	0000	-815	37.3713	80.2609	DB-2	1.5	2.3	10.5 +	1.52	0.22	6.93	2051.	50.	7.
2955	0000	-814	37.3713	80.2604	DB-2	1.5	2.3	10.7 +	1.58	0.22	7.32	2052.	49.	7.
2956	0000	-814	37.3713	80.2599	DB-2	1.5	2.5	10.6 +	1.73	0.24	7.17	2065.	48.	6.
2957	0000	-815	37.3713	80.2593	DB-2	1.4	2.4	10.6 +	1.74	0.23	7.63	2032.	48.	6.
2958	0000	-816	37.3713	80.2587	DB-2	1.4	2.3	10.5 +	1.69	0.22	7.77	1973.	48.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-814	37.3712	80.2581	DB-2	1.3	2.4	10.5 +	1.80	0.22	8.03	1940.	48.	4.
2960	0000	-813	37.3712	80.2576	DB-2	1.3	2.5	9.8 +	1.95	0.26	7.61	1914.	48.	4.
2961	0000	-814	37.3712	80.2570	DB-2	1.2	2.7 +	9.2	2.22	0.29	7.53	1875.	48.	4.
2962	0000	-814	37.3712	80.2565	DB-2	1.2	2.8 +	8.8	2.25	0.31	7.15	1836.	46.	3.
2963	0000	-815	37.3712	80.2559	DB-2	1.2	2.7 +	8.1	2.20	0.34 +	6.51	1804.	48.	3.
2964	0000	-816	37.3712	80.2554	DB-2	1.3	2.7 +	8.3	2.09	0.32	6.45	1835.	47.	3.
2965	0000	-815	37.3712	80.2547	DB-2	1.3	2.8 +	8.5	2.07	0.33	6.27	1897.	48.	3.
2966	0000	-815	37.3712	80.2542	DB-2	1.5	2.7 +	8.5	1.88	0.32	5.87	1929.	47.	3.
2967	0000	-815	37.3712	80.2537	DB-2	1.5	2.6	8.6	1.73	0.30	5.79	1930.	48.	4.
2968	0000	-814	37.3712	80.2531	DB-2	1.6 +	2.4	9.1	1.55	0.27	5.84	1952.	48.	4.
2969	0000	-814	37.3712	80.2525	DB-2	1.5	2.2	9.2	1.45	0.24	5.98	1958.	50.	5.
2970	0000	-815	37.3712	80.2520	DB-2	1.5	2.0	9.5	1.35	0.21	6.38	1940.	50.	6.
2971	0000	-816	37.3712	80.2515	DB-2	1.4	2.2	9.3	1.52	0.24	6.48	1910.	50.	5.
2972	0000	-815	37.3712	80.2509	DB-2	1.4	2.2	9.4	1.56	0.24	6.54	1918.	49.	4.
2973	0000	-815	37.3712	80.2503	DB-2	1.4	2.2	9.3	1.63	0.24	6.78	1904.	49.	4.
2974	0000	-815	37.3712	80.2497	DB-2	1.4	2.2	9.2	1.64	0.24	6.74	1888.	46.	3.
2975	0000	-815	37.3712	80.2491	DB-2	1.3	2.5	8.6	1.92	0.29	6.69	1846.	48.	3.
2976	0000	-815	37.3712	80.2486	DB-2	1.3	2.7 +	8.3	2.08	0.32	6.44	1835.	47.	2.
2977	0000	-816	37.3712	80.2481	DB-2	1.3	2.6	8.6	1.96	0.30	6.58	1865.	48.	1.
2978	0000	-817	37.3711	80.2475	DB-2	1.3	2.4	8.8	1.84	0.28	6.64	1863.	49.	1.
2979	0000	-818	37.3711	80.2469	DB-2	1.3	2.3	8.4	1.79	0.28	6.40	1798.	51.	2.
2980	0000	-818	37.3711	80.2463	DB-2	1.2	2.2	8.4	1.81	0.27	6.80	1752.	53.	2.
2981	0000	-817	37.3711	80.2458	DB-2	1.2	2.1	8.5	1.75	0.25	7.10	1736.	54.	3.
2982	0000	-818	37.3711	80.2452	DB-2	1.2	1.8	9.1	1.45	0.20 -	7.38	1750.	51.	4.
2983	0000	-819	37.3711	80.2447	DB-2	1.3	1.7	9.8 +	1.32	0.17 -	7.52	1808.	52.	4.
2984	0000	-819	37.3711	80.2441	DB-2	1.3	1.8	9.7 +	1.39	0.19 -	7.34	1832.	50.	5.
2985	0000	-819	37.3711	80.2435	DB-2	1.3	1.6	10.0 +	1.24 -	0.16 -	7.58	1841.	52.	6.
2986	0000	-821	37.3711	80.2430	DB-2	1.3	1.7	10.4 +	1.35	0.16 -	8.21	1861.	52.	6.
2987	0000	-821	37.3711	80.2425	DB-2	1.3	1.7	10.1 +	1.31	0.17 -	7.71	1891.	51.	6.
2988	0000	-820	37.3711	80.2419	DB-2	1.3	1.9	10.4 +	1.47	0.18 -	8.12	1913.	52.	6.
2989	0000	-819	37.3710	80.2413	DB-2	1.3	2.0	10.5 +	1.54	0.19 -	8.08	1938.	54.	5.
2990	0000	-819	37.3710	80.2407	DB-2	1.2	2.0	9.9 +	1.65	0.21	8.03	1911.	54.	5.
2991	0000	-821	37.3710	80.2402	DB-2	1.2	2.1	9.8 +	1.79	0.22	8.30	1875.	55.	4.
2992	0000	-822	37.3710	80.2397	DB-2	1.1	2.5	9.1	2.16	0.27	7.94	1855.	56.	3.
2993	0000	-823	37.3710	80.2391	DB-2	1.2	2.5	9.0	2.12	0.28	7.59	1857.	55.	2.
2994	0000	-824	37.3710	80.2385	DB-2	1.2	2.7 +	9.2	2.26	0.29	7.71	1874.	54.	1.
2995	0000	-824	37.3710	80.2379	DB-2	1.3	2.8 +	9.1	2.24	0.31	7.26	1914.	55.	1.
2996	0000	-824	37.3710	80.2374	DB-2	1.3	3.0 +	9.1	2.37	0.33	7.23	1985.	55.	2.
2997	0000	-824	37.3710	80.2368	DB-2	1.3	3.1 +	9.3	2.32	0.33	7.05	2028.	54.	2.
2998	0000	-825	37.3710	80.2363	DB-2	1.4	3.2 +	9.3	2.33	0.34 +	6.83	2084.	53.	2.
2999	0000	-827	37.3710	80.2357	DB-2	1.5	3.0 +	9.8 +	2.09	0.31	6.75	2126.	50.	2.
3000	0000	-828	37.3710	80.2351	DB-2	1.5	3.0 +	10.0 +	2.09	0.31	6.84	2140.	50.	3.
3001	0000	-827	37.3710	80.2346	DB-2	1.5	2.8 +	9.9 +	1.89	0.28	6.67	2129.	52.	4.
3002	0000	-826	37.3710	80.2340	DB-2	1.5	2.8 +	9.7 +	1.95	0.29	6.65	2101.	46.	4.
3003	0000	-826	37.3710	80.2334	DB-2	1.4	2.5	9.3	1.76	0.27	6.92	2004.	50.	4.
3004	0000	-827	37.3710	80.2329	DB-2	1.4	2.3	9.2	1.60	0.25	6.48	1961.	53.	5.
3005	0000	-829	37.3710	80.2323	DB-2	1.4	2.1	9.8 +	1.50.	0.22	6.90	1949.	52.	5.
3006	0000	-829	37.3710	80.2318	DB-2	1.4	2.2	9.6	1.57	0.23	6.95	1975.	53.	6.
3007	0000	-828	37.3710	80.2312	DB-2	1.4	2.2	9.7	1.55	0.23	6.82	1977.	54.	5.
3008	0000	-828	37.3710	80.2307	DB-2	1.4	2.2	10.0 +	1.55	0.22	6.96	2006.	54.	5.
3009	0000	-826	37.3710	80.2300	DB-2	1.5	2.2	10.0 +	1.51	0.22	6.76	2020.	59.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-826	37.3710	80.2295	DB-2	1.5	2.3	10.8 +	1.49	0.21	6.96	2076.	54.	5.
3011	0000	-828	37.3710	80.2290	DB-2	1.5	2.5	10.9 +	1.64	0.23	7.10	2105.	54.	4.
3012	0000	-828	37.3710	80.2284	DB-2	1.5	2.5	10.5 +	1.64	0.24	6.80	2113.	56.	4.
3013	0000	-828	37.3710	80.2279	DB-2	1.6 +	2.5	10.6 +	1.58	0.23	6.82	2103.	57.	4.
3014	0000	-828	37.3709	80.2273	DB-2	1.5	2.4	10.8 +	1.60	0.22	7.20	2109.	57.	5.
3015	0000	-827	37.3709	80.2267	DB-2	1.4	2.3	10.7 +	1.62	0.22	7.47	2085.	57.	5.
3016	0000	-827	37.3709	80.2262	DB-2	1.4	2.1	11.0 +	1.51	0.19 -	8.08	2041.	54.	5.
3017	0000	-827	37.3709	80.2256	DB-2	1.3	2.2	10.3 +	1.78	0.22	8.11	1961.	56.	5.
3018	0000	-826	37.3709	80.2250	DB-2	1.1	2.2	9.6	1.94	0.23	8.40	1864.	56.	6.
3019	0000	-827	37.3709	80.2245	DB-2	1.1	2.0	8.9	1.91	0.23	8.44	1750.	55.	6.
3020	0000	-828	37.3709	80.2239	DB-2	1.0	2.1	8.5	2.11	0.24	8.67	1645.	56.	5.
3021	0000	-826	37.3709	80.2234	DB-2	1.0	1.7	8.1	1.83	0.21	8.54	1564.	56.	6.
3022	0000	-827	37.3708	80.2228	DB-2	0.9	1.7	7.6	1.88	0.23	8.18	1497.	54.	6.
3023	0000	-830	37.3708	80.2222	DB-2	0.9	1.7	7.1	1.92	0.24	7.90	1438.	58.	7.
3024	0000	-829	37.3708	80.2216	DB-2	0.9	1.6 -	6.9	1.86	0.23	8.11	1382.	57.	7.
3025	0000	-829	37.3708	80.2211	DB-2	0.9	1.3 -	6.8	1.58	0.20	7.95	1317.	60.	8.
3026	0000	-830	37.3708	80.2206	DB-2	0.8	1.2 -	6.6 -	1.50	0.18 -	8.17	1250.	59.	8.
3027	0000	-830	37.3708	80.2200	DB-2	0.8 -	0.9 --	6.3 -	1.15 -	0.14 --	8.23	1189.	61.	8.
3028	0000	-829	37.3708	80.2194	DB-2	0.7 -	0.9 --	5.7 -	1.30	0.17 -	7.83	1131.	62.	7.
3029	0000	-829	37.3708	80.2189	DB-2	0.7 -	1.0 --	5.4 -	1.33	0.18 -	7.56	1081.	63.	7.
3030	0000	-830	37.3708	80.2182	DB-2	0.8 -	1.0 --	5.0 --	1.32	0.20	6.53	1071.	61.	6.
3031	0000	-830	37.3708	80.2177	DB-2	0.8 -	1.1 --	4.8 --	1.39	0.22	6.26	1058.	62.	7.
3032	0000	-828	37.3708	80.2172	DB-2	0.8	1.2 -	5.0 --	1.46	0.24	6.21	1049.	59.	5.
3033	0000	-829	37.3708	80.2166	DB-2	0.8 -	1.4 -	5.0 --	1.81	0.28	6.35	1061.	60.	4.
3034	0000	-831	37.3708	80.2160	DB-2	0.8	1.7	4.8 --	2.08	0.35 +	5.89	1071.	57.	3.
3035	0000	-831	37.3708	80.2155	DB-2	0.8	1.8	4.5 --	2.22	0.39 +	5.64	1069.	60.	2.
3036	0000	-831	37.3708	80.2150	DB-2	0.8 -	1.9	4.7 --	2.41	0.40 +	6.07	1067.	60.	1.
3037	0000	-831	37.3708	80.2144	DB-2	0.7 -	1.8	5.3 -	2.40	0.34 +	7.11	1049.	61.	0.
3038	0000	-831	37.3708	80.2138	DB-2	0.8 -	1.7	5.2 -	2.19	0.33	6.56	1044.	63.	0.
3039	0000	-831	37.3708	80.2132	DB-2	0.8 -	1.7	4.8 --	2.09	0.35 +	6.02	1067.	64.	1.
3040	0000	-833	37.3708	80.2127	DB-2	0.8	1.6 -	5.0 --	1.93	0.32	6.10	1081.	62.	1.
3041	0000	-833	37.3708	80.2121	DB-2	0.8	1.3 -	4.9 --	1.63	0.27	6.01	1079.	64.	2.
3042	0000	-832	37.3708	80.2116	DB-2	0.8	1.6 -	5.1 --	1.92	0.31	6.26	1103.	59.	3.
3043	0000	-832	37.3708	80.2110	DB-2	0.8	1.5 -	5.2 -	1.82	0.29	6.26	1115.	60.	4.
3044	0000	-831	37.3708	80.2104	DB-2	0.8	1.6	5.0 --	2.02	0.33	6.21	1119.	59.	4.
3045	0000	-831	37.3708	80.2098	DB-2	0.7 -	1.5 -	5.2 -	2.05	0.28	7.21	1122.	54.	5.
3046	0000	-832	37.3708	80.2094	DCH	0.7	1.3 -	5.5	1.97	0.24	8.11	1111.	51.	7.
3047	0000	-832	37.3708	80.2087	DCH	0.6	1.3 -	5.4 -	1.98	0.24	8.40	1080.	54.	7.
3048	0000	-831	37.3708	80.2082	DCH	0.6	1.3 -	5.4 -	2.09	0.24	8.79	1067.	54.	8.
3049	0000	-831	37.3708	80.2076	DCH	0.6	1.1 -	5.4 -	1.92	0.21	9.04	1057.	56.	8.
3050	0000	-832	37.3707	80.2070	DCH	0.6 -	1.3 -	5.3 -	2.21	0.24	9.31	1066.	55.	7.
3051	0000	-833	37.3707	80.2065	DCH	0.6 -	1.1 -	4.9 -	1.99	0.23	8.50	1072.	55.	8.
3052	0000	-833	37.3707	80.2059	DCH	0.6	1.2 -	5.1 -	2.02	0.24	8.33	1079.	57.	7.
3053	0000	-832	37.3707	80.2054	DCH	0.6	1.4 -	5.4 -	2.13	0.26	8.33	1099.	57.	6.
3054	0000	-831	37.3707	80.2048	DCH	0.8	1.6	5.3 -	2.13	0.31	6.97	1171.	55.	6.
3055	0000	-831	37.3707	80.2042	DCH	0.8	1.7	6.0	2.04	0.29	7.13	1224.	53.	5.
3056	0000	-833	37.3707	80.2037	DCH	0.9	1.6	6.2	1.88	0.26	7.20	1251.	53.	6.
3057	0000	-833	37.3707	80.2032	DCH	0.9	1.7	6.2	1.83	0.27	6.83	1281.	54.	6.
3058	0000	-833	37.3707	80.2025	DCH	1.0	2.0	6.2	2.08	0.32	6.53	1350.	54.	6.
3059	0000	-833	37.3707	80.2020	DCH	1.0	2.1	6.5	2.16	0.32	6.72	1425.	54.	6.
3060	0000	-834	37.3707	80.2014	DCH	1.0	2.4	6.6	2.36	0.36 +	6.61	1483.	56.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-833	37.3707	80.2009	DCH	0.9	2.3	6.7	2.51	0.35 +	7.23	1481.	58.	5.
3062	0000	-832	37.3706	80.2003	DCH	0.9	2.5	6.6	2.74	0.38 +	7.17	1490.	59.	5.
3063	0000	-834	37.3706	80.1998	DCH	0.9	2.4	6.7	2.66	0.36 +	7.31	1525.	59.	5.
3064	0000	-833	37.3706	80.1992	DCH	1.0	2.4	7.1	2.51	0.35 +	7.28	1584.	59.	5.
3065	0000	-831	37.3706	80.1986	DCH	1.0	2.4	7.8	2.40	0.30	7.95	1626.	57.	5.
3066	0000	-833	37.3706	80.1981	DCH	1.0	2.5	7.6	2.42	0.32	7.46	1666.	58.	5.
3067	0000	-833	37.3706	80.1975	DCH	1.0	2.4	7.8	2.29	0.31	7.50	1712.	56.	6.
3068	0000	-831	37.3706	80.1969	DCH	1.1	2.4	7.8	2.22	0.31	7.26	1772.	55.	6.
3069	0000	-832	37.3706	80.1964	DCH	1.2	2.5	8.0	2.15	0.31	6.95	1848.	53.	7.
3070	0000	-833	37.3706	80.1958	DCH	1.3	2.6	8.2	1.99	0.31	6.36	1895.	53.	7.
3071	0000	-832	37.3706	80.1953	DCH	1.4 +	2.5	7.8	1.83	0.32	5.80 -	1886.	54.	7.
3072	0000	-833	37.3706	80.1947	DCH	1.4 +	2.6	7.5	1.85	0.35 +	5.33 -	1867.	54.	6.
3073	0000	-835	37.3706	80.1942	DCH	1.5 +	2.7	7.5	1.81	0.36 +	5.06 -	1873.	54.	5.
3074	0000	-833	37.3706	80.1935	DCH	1.6 +	2.6	6.9	1.62	0.37 +	4.34 -	1868.	54.	5.
3075	0000	-832	37.3706	80.1930	DCH	1.7 ++	2.4	6.8	1.40 -	0.36 +	3.92 --	1882.	54.	6.
3076	0000	-834	37.3706	80.1925	DCH	1.8 ++	2.6	5.9	1.45 -	0.43 ++	3.37 --	1882.	53.	6.
3077	0000	-835	37.3706	80.1919	DCH	1.9 ++	2.4	5.1 -	1.25 -	0.46 ++	2.71 ---	1880.	52.	7.
3078	0000	-834	37.3706	80.1914	DCH	1.9 ++	2.6	4.9 -	1.33 -	0.53 ++	2.52 ---	1905.	49.	7.
3079	0000	-835	37.3706	80.1908	DCH	2.0 ++	2.4	4.4 -	1.21 -	0.55 ++	2.20 ---	1910.	48.	7.
3080	0000	-836	37.3706	80.1903	DCH	2.0 ++	2.2	3.7 -	1.10 -	0.59 +++	1.86 ---	1858.	49.	7.
3081	0000	-835	37.3705	80.1896	DCH	1.9 ++	2.2	3.2 -	1.14 -	0.70 +++	1.64 ---	1787.	49.	7.
3082	0000	-835	37.3705	80.1890	DCH	1.9 ++	2.3	2.8 -	1.25 -	0.82 +++	1.52 ---	1701.	47.	7.
3083	0000	-837	37.3705	80.1884	DCH	1.8 ++	2.1	2.9 -	1.18 -	0.71 +++	1.66 ---	1596.	46.	6.
3084	0000	-837	37.3705	80.1877	DCH	1.6 +	2.4	3.0 -	1.54	0.81 +++	1.90 ---	1519.	46.	5.
3085	0000	-838	37.3705	80.1871	DCH	1.4 +	2.3	2.8 -	1.65	0.82 +++	2.01 ---	1429.	48.	5.
3086	0000	-840	37.3705	80.1865	DCH	1.3	2.2	2.8 -	1.77	0.80 +++	2.21 ---	1363.	46.	5.
3087	0000	-839	37.3705	80.1859	DCH	1.2	2.1	3.0 -	1.84	0.71 +++	2.59 ---	1306.	45.	5.
3088	0000	-840	37.3705	80.1853	DCH	1.1	2.1	3.4 -	1.96	0.62 +++	3.14 --	1281.	45.	4.
3089	0000	-841	37.3704	80.1846	DCH	1.0	1.9	3.3 -	1.87	0.59 +++	3.17 --	1259.	47.	4.
3090	0000	-840	37.3704	80.1840	DCH	1.0	1.9	3.5 -	1.89	0.54 ++	3.52 --	1235.	50.	4.
3091	0000	-842	37.3704	80.1834	DCH	1.0	1.7	3.2 -	1.70	52 ++	3.29 --	1192.	51.	4.
3092	0000	-841	37.3704	80.1828	DCH	0.9	1.5	3.1 -	1.60	0.48 ++	3.31 --	1141.	52.	4.
3093	0000	-839	37.3704	80.1822	DCH	0.9	1.3 -	3.2 -	1.46 -	0.42 +	3.49 --	1084.	54.	4.
3094	0000	-842	37.3704	80.1816	DCH	0.8	1.4 -	2.9 -	1.69	0.47 ++	3.56 --	1017.	55.	3.
3095	0000	-842	37.3704	80.1809	DCH	0.7	1.5	2.4 --	2.10	0.62 +++	3.39 --	942.	54.	3.
3096	0000	-841	37.3704	80.1803	DCH	0.6	1.5	2.5 --	2.51	0.62 +++	4.06 --	859.	54.	2.
3097	0000	-843	37.3703	80.1797	DCH	0.6 -	1.6	2.1 --	2.86	0.75 +++	3.80 --	803.	53.	2.
3098	0000	-842	37.3703	80.1791	DCH	0.5 -	1.6	2.2 --	3.26	0.72 +++	4.53 -	752.	54.	1.
3099	0000	-842	37.3703	80.1785	DCH	0.4 -	1.4 -	2.2 --	3.37 +	0.65 +++	5.22 -	707.	54.	1.
3100	0000	-844	37.3703	80.1778	DCH	0.4 -	1.4	2.2 --	4.01 +	0.64 +++	6.25	674.	56.	2.
3101	0000	-843	37.3703	80.1772	DCH	0.3 -	1.3 -	2.4 --	3.88 +	0.54 ++	7.18	672.	54.	3.
3102	0000	-844	37.3703	80.1766	STC-1	0.4 +	1.1	2.8	2.75 -	0.38	7.23 -	692.	56.	4.
3103	0000	-845	37.3703	80.1760	STC-1	0.4 +	0.9	3.0	2.16 -	0.32	6.85 --	743.	57.	6.
3104	0000	-844	37.3703	80.1754	STC-1	0.5 ++	0.8	3.3	1.67 --	0.24 -	6.96 --	787.	61.	8.
3105	0000	-843	37.3702	80.1747	STC-1	0.5 ++	0.7	4.0 +	1.57 --	0.19 -	8.41 -	843.	61.	9.
3106	0000	-844	37.3702	80.1741	STC-2	0.5	0.9 -	4.2 -	1.68 -	0.21	8.15	910.	59.	10.
3107	0000	-845	37.3702	80.1735	STC-2	0.6	0.8 -	4.3 -	1.47 -	0.19	7.66	960.	57.	11.
3108	0000	-844	37.3702	80.1729	CE	0.6 -	0.8 -	4.4 -	1.20	0.17 -	6.95 +	1009.	60.	12.
3109	0000	-844	37.3702	80.1723	CE	0.7 -	0.7 --	4.9	1.08	0.15 --	7.42 +	1043.	58.	12.
3110	0000	-847	37.3702	80.1716	CE	0.7 -	0.7 --	5.1	1.08	0.14 --	7.64 +	1052.	60.	11.
3111	0000	-846	37.3702	80.1710	CE	0.6 -	0.8 -	5.4	1.19	0.14 --	8.46 +	1071.	58.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-843	37.3702	80.1704	CE	0.7 -	0.9 -	5.0	1.31	0.18 -	7.44 +	1065.	58.	8.
3113	0000	-844	37.3702	80.1698	CCO-1	0.7 +	0.8 -	4.9 +	1.16 --	0.15 --	7.49	1043.	59.	8.
3114	0000	-844	37.3702	80.1692	CCO-1	0.7 +	0.8 -	4.6 +	1.27 -	0.18 --	7.05	1003.	61.	6.
3115	0000	-843	37.3701	80.1685	CCO-1	0.6 +	0.9	4.3	1.53 -	0.21 -	7.35	935.	59.	6.
3116	0000	-844	37.3701	80.1680	CCO-1	0.5	1.0	3.7	1.93	0.26	7.31	856.	58.	5.
3117	0000	-844	37.3701	80.1673	CCO-1	0.4	1.0	3.1	2.47	0.33	7.39	786.	56.	4.
3118	0000	-843	37.3701	80.1667	OCH	0.4	0.8 -	2.3 -	2.08	0.36	5.83	701.	54.	5.
3119	0000	-844	37.3701	80.1660	OCH	0.3	0.8 -	1.9 -	2.39	0.41	5.76	627.	53.	6.
3120	0000	-845	37.3701	80.1654	OCH	0.3	0.7 -	1.7 -	2.31	0.40	5.77	583.	53.	6.
3121	0000	-845	37.3701	80.1649	OCH	0.3 -	0.6 -	1.7 -	2.10	0.34	6.16	564.	54.	7.
3122	0000	-845	37.3701	80.1642	OCH	0.3	0.6 -	1.6 -	1.86	0.35	5.30	581.	55.	8.
3123	0000	-845	37.3700	80.1635	OCH	0.3	0.5 -	1.6 -	1.87	0.34	5.43	621.	55.	9.
3124	0000	-846	37.3700	80.1630	OCH	0.3	0.5 --	2.1 -	1.34	0.22 -	6.15	668.	55.	10.
3125	0000	-846	37.3700	80.1624	OMUU	0.4	0.7 -	2.3 -	1.79	0.29	6.28	732.	54.	11.
3126	0000	-844	37.3700	80.1617	OMUU	0.4	0.7 -	2.7 -	1.56	0.24	6.42	813.	54.	12.
3127	0000	-846	37.3700	80.1611	OMUU	0.5	0.7 -	3.2 -	1.53	0.22	6.80	890.	55.	12.
3128	0000	-845	37.3700	80.1605	OMUU	0.5	0.9 -	3.5 -	1.71	0.25	6.84	964.	51.	11.
3129	0000	-842	37.3700	80.1599	OMUU	0.5	0.9 -	3.7 -	1.70	0.25	6.84	988.	51.	11.
3130	0000	-842	37.3700	80.1592	OMUU	0.6	0.9 -	3.9	1.44	0.22	6.53	987.	51.	10.
3131	0000	-842	37.3700	80.1587	OMUU	0.6	0.9 -	3.6 -	1.61	0.26	6.29	952.	53.	10.
3132	0000	-838	37.3700	80.1580	OMUU	0.6	0.9 -	3.7 -	1.69	0.26	6.63	915.	54.	8.
3133	0000	-840	37.3699	80.1574	OMUU	0.5	1.0	3.7 -	1.86	0.27	6.79	895.	55.	6.
3134	0000	-841	37.3699	80.1568	OMUU	0.6	1.2	3.6 -	2.09	0.32	6.48	888.	52.	5.
3135	0000	-839	37.3699	80.1562	OMUU	0.6	1.2	3.7 -	2.01	0.33	6.03	935.	51.	5.
3136	0000	-840	37.3699	80.1556	OMUU	0.6	1.4	4.3	2.11	0.31	6.72	1008.	49.	5.
3137	0000	-839	37.3699	80.1549	OMUU	0.7	1.5	4.9	2.07	0.30	6.93	1064.	48.	4.
3138	0000	-838	37.3699	80.1543	OMUU	0.8	1.5	5.2	1.94	0.28	6.93	1121.	45.	4.
3139	0000	-839	37.3699	80.1537	OMUU	0.8	1.4	5.4	1.73	0.26	6.77	1152.	45.	5.
3140	0000	-839	37.3699	80.1530	STC-2	0.8	1.4	5.4	1.78	0.26	6.90 -	1184.	45.	6.
3141	0000	-839	37.3699	80.1525	STC-2	0.8	1.6	5.4	1.92	0.29	6.59 -	1212.	44.	7.
3142	0000	-838	37.3699	80.1519	STC-2	0.9 +	1.4	5.5	1.59 -	0.25	6.44 -	1227.	45.	7.
3143	0000	-837	37.3699	80.1512	STC-2	1.0 +	1.7	5.3	1.74	0.33	5.30 -	1297.	45.	7.
3144	0000	-838	37.3699	80.1506	DU	1.1	2.0	4.8	1.80 -	0.42	4.34 -	1378.	45.	7.
3145	0000	-838	37.3698	80.1499	DU	1.3 +	2.2	5.0	1.76 -	0.44	3.96 -	1516.	45.	7.
3146	0000	-839	37.3698	80.1493	DU	1.4 +	2.6	5.0	1.88 -	0.53 +	3.55 -	1642.	43.	5.
3147	0000	-838	37.3698	80.1487	DU	1.6 +	2.5	5.0	1.56 -	0.49	3.18 -	1710.	43.	5.
3148	0000	-838	37.3698	80.1481	DU	1.7 +	2.2	4.8	1.33 -	0.46	2.86 -	1733.	45.	6.
3149	0000	-839	37.3698	80.1475	DU	1.7 +	2.4	4.4	1.37 -	0.54 +	2.56 -	1696.	48.	5.
3150	0000	-840	37.3698	80.1469	DU	1.7 +	2.0	4.2	1.20 -	0.47	2.56 -	1626.	47.	6.
3151	0000	-840	37.3697	80.1462	DU	1.6 +	1.8	4.0	1.14 -	0.46	2.48 -	1571.	48.	6.
3152	0000	-840	37.3697	80.1456	DU	1.5 +	1.7	3.7 -	1.11 -	0.46	2.40 -	1485.	50.	6.
3153	0000	-838	37.3697	80.1450	DU	1.5 +	1.5	3.5 -	0.99 -	0.42	2.34 -	1425.	52.	7.
3154	0000	-838	37.3697	80.1444	DU	1.4 +	1.6	3.7 -	1.20 -	0.45	2.69 -	1405.	52.	7.
3155	0000	-840	37.3697	80.1438	DU	1.3 +	1.7	4.1	1.28 -	0.42	3.07 -	1420.	52.	6.
3156	0000	-840	37.3697	80.1431	DU	1.3 +	1.6	4.3	1.25 -	0.37	3.37 -	1435.	52.	6.
3157	0000	-839	37.3697	80.1426	DU	1.2 +	1.6	4.3	1.32 -	0.38	3.43 -	1432.	54.	5.
3158	0000	-838	37.3697	80.1419	DU	1.2	1.8	4.6	1.57 -	0.40	3.96 -	1426.	54.	5.
3159	0000	-839	37.3697	80.1413	DCH	1.1	1.9	4.2 -	1.77	0.46 ++	3.88 --	1392.	51.	4.
3160	0000	-839	37.3697	80.1407	DCH	1.0	1.8	4.5 -	1.81	0.40 +	4.53 -	1334.	54.	4.
3161	0000	-838	37.3696	80.1400	DCH	1.0	1.7	4.1 -	1.78	0.42 +	4.26 --	1265.	55.	4.
3162	0000	-840	37.3696	80.1394	DCH	0.8	1.7	3.8 -	2.01	0.44 ++	4.54 -	1164.	54.	4.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160; DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-840	37.3696	80.1388	DCH	0.7	1.9	3.8 -	2.81	0.49 ++	5.69 -	1094.	51.	4.
3164	0000	-838	37.3696	80.1382	DCH	0.6 -	1.8	3.9 -	3.13	0.46 ++	6.80	1022.	49.	4.
3165	0000	-838	37.3696	80.1376	DCH	0.5 -	1.6	3.9 -	3.13	0.41 +	7.63	963.	49.	4.
3166	0000	-840	37.3696	80.1369	DCH	0.5 -	1.5	4.1 -	3.35	0.37 +	8.95	938.	50.	3.
3167	0000	-840	37.3696	80.1363	DCH	0.5 -	1.5	4.0 -	3.24	0.38 +	8.56	942.	47.	4.
3168	0000	-838	37.3696	80.1357	DCH	0.4 -	1.5	4.4 -	3.34	0.33 +	10.04	972.	48.	4.
3169	0000	-838	37.3695	80.1351	DCH	0.6 -	1.6	4.8 -	2.80	0.32	8.70	1046.	46.	4.
3170	0000	-840	37.3695	80.1345	DCH	0.6	1.6	5.0 -	2.44	0.31	7.89	1109.	49.	4.
3171	0000	-839	37.3695	80.1338	DCH	0.7	1.6	5.3 -	2.12	0.30	7.17	1202.	49.	4.
3172	0000	-839	37.3695	80.1333	DCH	0.8	1.5	5.6	1.85	0.28	6.71	1282.	49.	5.
3173	0000	-840	37.3695	80.1326	DCH	0.9	1.6	5.9	1.75	0.26	6.65	1360.	50.	6.
3174	0000	-840	37.3695	80.1320	DCH	1.0	1.6	6.3	1.58	0.25	6.36	1442.	52.	6.
3175	0000	-838	37.3695	80.1313	CCO-2	1.1	1.7	6.3	1.61	0.28	5.85	1493.	51.	7.
3176	0000	-836	37.3695	80.1308	CCO-2	1.1	1.7	6.4	1.58	0.27	5.94	1528.	53.	8.
3177	0000	-837	37.3694	80.1302	CCO-2	1.2	1.6	6.7	1.39	0.24 -	5.77	1586.	54.	8.
3178	0000	-838	37.3694	80.1295	CCO-2	1.2	1.8	6.9	1.48	0.26	5.74	1612.	55.	8.
3179	0000	-834	37.3694	80.1289	CCO-2	1.2	1.7	7.1	1.37	0.24 -	5.70	1642.	55.	8.
3180	0000	-834	37.3694	80.1283	CCO-2	1.3	1.7	7.3 +	1.31	0.23 -	5.75	1656.	54.	8.
3181	0000	-838	37.3694	80.1277	CCO-2	1.2	1.9	7.3 +	1.54	0.25	6.07	1626.	54.	7.
3182	0000	-838	37.3694	80.1270	CCO-2	1.2	1.8	7.7 +	1.47	0.23 -	6.47	1614.	53.	6.
3183	0000	-836	37.3694	80.1264	CCO-2	1.1	1.8	7.8 +	1.61	0.24 -	6.81 +	1596.	51.	6.
3184	0000	-836	37.3694	80.1258	CCO-2	1.1	1.8	8.1 +	1.62	0.23 -	7.19 +	1595.	51.	6.
3185	0000	-837	37.3693	80.1252	CCO-2	1.1	1.6	8.6 ++	1.41	0.18 --	7.83 +	1590.	50.	6.
3186	0000	-837	37.3693	80.1245	CCO-2	1.1	1.7	8.5 +	1.54	0.20 -	7.88 +	1576.	50.	6.
3187	0000	-836	37.3693	80.1240	CCO-2	1.1	1.6	8.6 ++	1.52	0.19 --	8.02 +	1572.	50.	6.
3188	0000	-835	37.3693	80.1233	CCO-2	1.1	1.6	8.5 ++	1.47	0.19 --	7.85 +	1574.	50.	6.
3189	0000	-838	37.3693	80.1227	OCH	1.0	1.9	7.8 +	1.86	0.25	7.60	1553.	51.	6.
3190	0000	-839	37.3693	80.1221	OCH	1.0	1.9	7.5 +	1.86	0.25	7.57	1516.	51.	7.
3191	0000	-836	37.3693	80.1215	OCH	1.0	1.9	6.7	1.93	0.28	6.87	1451.	50.	7.
3192	0000	-835	37.3693	80.1209	OCH	0.9	2.3 +	5.8	2.44	0.40	6.17	1404.	49.	6.
3193	0000	-835	37.3692	80.1202	OCH	0.9	2.2	5.3	2.48	0.42	5.98	1343.	49.	6.
3194	0000	-835	37.3692	80.1196	OCH	0.8	2.2	4.8	2.64	0.46	5.79	1274.	49.	6.
3195	0000	-838	37.3692	80.1190	OB-1	0.8	2.1 +	4.5	2.77	0.48 +	5.79	1225.	47.	6.
3196	0000	-837	37.3692	80.1183	OB-1	0.7	1.7	4.7	2.33	0.37	6.23	1162.	47.	6.
3197	0000	-834	37.3692	80.1178	OB-1	0.7	1.6	4.4	2.36	0.37	6.36	1098.	46.	6.
3198	0000	-833	37.3692	80.1172	OB-1	0.6	1.6	4.1	2.57	0.38	6.78	1021.	48.	5.
3199	0000	-834	37.3692	80.1165	OB-1	0.5	1.2	3.8	2.41	0.32	7.44	927.	52.	6.
3200	0000	-835	37.3692	80.1159	OB-1	0.4	1.2	3.4 -	2.88	0.34	8.42	837.	52.	6.
3201	0000	-835	37.3691	80.1152	OB-1	0.3 -	1.0 -	3.1 -	3.11	0.33	9.50	760.	53.	6.
3202	0000	-834	37.3691	80.1147	OB-1	0.3 --	0.7 -	2.9 -	2.54	0.26	9.69	691.	53.	7.
3203	0000	-832	37.3691	80.1140	OB-1	0.2 -	0.7 -	2.4 --	2.98	0.29	10.44	648.	54.	8.
3204	0000	-832	37.3691	80.1134	OB-1	0.2 --	0.7 -	2.0 --	3.85 +	0.37	10.53	614.	55.	9.
3205	0000	-835	37.3691	80.1128	OB-1	0.1 --	0.6 --	1.8 ---	4.04 +	0.31	12.85 +	575.	57.	9.
3206	0010	-835	37.3691	80.1122	OB-1	0.2 --	0.3 N.A.	2.0 --	1.77 N.A.	0.14 N.A.	12.80 +	554.	54.	11.
3207	0010	-833	37.3691	80.1116	OMUU	0.2 --	0.1 N.A.	2.1 -	0.72 N.A.	0.06 N.A.	11.28	548.	53.	12.
3208	0010	-834	37.3691	80.1109	OMUU	0.2 --	0.1 N.A.	1.7 --	0.75 N.A.	0.08 N.A.	9.86	550.	53.	13.
3209	0010	-835	37.3690	80.1103	OMUU	0.1 --	0.2 N.A.	1.5 --	1.80 N.A.	0.16 N.A.	11.05	533.	54.	14.
3210	0010	-835	37.3690	80.1097	OMUU	0.2 -	0.2 N.A.	1.5 --	1.24 N.A.	0.17 N.A.	7.27	547.	53.	14.
3211	0010	-834	37.3690	80.1091	OMUU	0.2 -	0.2 N.A.	1.9 -	0.77 N.A.	0.09 N.A.	9.07	562.	54.	14.
3212	0010	-834	37.3690	80.1084	OMUU	0.2 -	0.1 N.A.	2.0 -	0.59 N.A.	0.07 N.A.	8.87	580.	53.	15.
3213	0000	-834	37.3690	80.1079	OMUU	0.2 -	0.5 --	1.6 --	2.04	0.30	6.75	611.	54.	15.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-832	37.3690	80.1072	OMUU	0.3 -	0.7 -	1.5 --	2.82	0.48 +	5.90	677.	55.	14.
3215	0000	-832	37.3690	80.1066	OMUU	0.4	0.8 -	2.0 -	2.20	0.40 +	5.57 -	747.	56.	13.
3216	0000	-833	37.3690	80.1060	OMUU	0.4	1.0 -	2.5 -	2.28	0.39 +	5.92	838.	54.	12.
3217	0000	-831	37.3689	80.1053	OMUU	0.4	1.2	2.9 -	2.76	0.43 +	6.45	893.	54.	10.
3218	0000	-831	37.3689	80.1047	OMUU	0.5	1.3	2.9 -	2.72	0.45 +	5.98	929.	52.	9.
3219	0000	-831	37.3689	80.1041	OMUU	0.5	1.6	3.1 -	2.99	0.51 +	5.84	965.	51.	6.
3220	0000	-829	37.3689	80.1035	OMUU	0.5	1.6	3.3 -	3.17	0.49 +	6.42	981.	51.	5.
3221	0000	-830	37.3689	80.1029	OMUU	0.5	1.7	3.6 -	3.39	0.46 +	7.32	962.	47.	3.
3222	0000	-830	37.3689	80.1022	OMUU	0.4	1.8	3.9	4.20 +	0.46 +	9.04	918.	44.	2.
3223	0000	-828	37.3689	80.1017	OMUU	0.4	1.7	3.8	4.16 +	0.45 +	9.19	854.	45.	1.
3224	0000	-829	37.3689	80.1010	OMUU	0.4	1.5	3.6 -	3.85	0.41 +	9.32	796.	45.	1.
3225	0000	-831	37.3688	80.1004	OMUU	0.4	1.5	3.3 -	3.94 +	0.44 +	8.97	756.	47.	1.
3226	0000	-830	37.3688	80.0998	OMUU	0.3 -	1.4	3.5 -	4.27 +	0.39 +	11.06	754.	45.	2.
3227	0000	-826	37.3688	80.0991	OMUU	0.3 -	1.4	3.7 -	4.52 +	0.37	12.26	775.	45.	2.
3228	0000	-826	37.3688	80.0986	OMUU	0.3 -	1.5	4.3	4.75 +	0.36	13.36 +	836.	48.	3.
3229	0000	-827	37.3688	80.0979	OMUU	0.4	1.6	4.3	4.25 +	0.37	11.49	917.	51.	3.
3230	0000	-827	37.3688	80.0973	OMUU	0.4	1.7	4.6	3.92 +	0.37	10.56	1026.	51.	5.
3231	0000	-826	37.3688	80.0967	OMUU	0.5	1.9	5.1	3.66	0.37	9.97	1158.	50.	6.
3232	0000	-827	37.3688	80.0961	OMUU	0.6	2.0 +	6.1	3.21	0.33	9.85	1300.	49.	7.
3233	0000	-826	37.3687	80.0955	OMUU	0.7	2.1 +	6.5	3.00	0.33	9.19	1409.	49.	7.
3234	0000	-825	37.3687	80.0948	OMUU	0.8	2.1 +	7.3	2.63	0.28	9.27	1505.	48.	8.
3235	0000	-825	37.3687	80.0943	OMUU	0.8	2.0 +	7.7 +	2.40	0.26	9.32	1557.	47.	8.
3236	0000	-825	37.3687	80.0936	OMUU	0.9	1.9	8.3 +	2.24	0.23	9.54	1600.	46.	8.
3237	0000	-824	37.3687	80.0929	OMUU	0.9	2.2 +	8.5 +	2.58	0.26	10.01	1620.	45.	7.
3238	0000	-824	37.3687	80.0924	OMUU	0.8	2.1 +	8.6 +	2.64	0.25	10.58	1611.	46.	6.
3239	0000	-825	37.3687	80.0917	OMUU	0.7	2.3 +	8.1 +	3.16	0.29	10.96	1566.	45.	6.
3240	0000	-824	37.3687	80.0912	OMUU	0.7	2.3 +	8.0 +	3.18	0.28	11.24	1517.	46.	6.
3241	0000	-824	37.3687	80.0905	STC-2	0.7	2.3 +	7.3 +	3.46	0.32	10.75	1467.	48.	5.
3242	0000	-823	37.3687	80.0899	STC-2	0.7	2.4 +	6.7	3.55	0.36 +	9.85	1428.	50.	5.
3243	0000	-821	37.3687	80.0894	STC-2	0.6	2.5 +	6.3	4.10	0.40 +	10.15	1382.	49.	5.
3244	0000	-818	37.3687	80.0888	STC-2	0.6	2.5 +	6.1	4.09	0.40 +	10.11	1354.	50.	4.
3245	0000	-819	37.3687	80.0881	STC-2	0.6	2.6 +	6.5	4.30	0.41 +	10.59	1359.	50.	3.
3246	0000	-819	37.3687	80.0875	STC-2	0.7	2.5 +	7.0 +	3.57	0.36 +	9.96	1400.	50.	3.
3247	0000	-819	37.3687	80.0870	STC-2	0.7	2.5 +	7.2 +	3.29	0.34	9.60	1413.	49.	2.
3248	0000	-820	37.3687	80.0864	STC-2	0.7	2.5 +	7.4 +	3.28	0.33	9.84	1434.	47.	1.
3249	0000	-821	37.3687	80.0858	STC-2	0.7	2.3 +	7.9 +	3.14	0.29	10.77	1465.	46.	0.
3250	0000	-817	37.3688	80.0852	STC-2	0.8	2.3 +	8.3 +	2.81	0.28	9.99	1526.	46.	0.
3251	0000	-813	37.3688	80.0846	STC-2	1.0 +	2.2 +	8.7 ++	2.27	0.25	8.95	1604.	46.	0.
3252	0000	-812	37.3688	80.0840	STC-2	1.1 +	2.0	8.8 ++	1.84	0.22	8.21	1649.	46.	0.
3253	0000	-815	37.3687	80.0834	STC-2	1.1 +	2.1 +	8.8 ++	1.82	0.23	7.76	1699.	48.	0.
3254	0000	-815	37.3687	80.0828	STC-2	1.2 +	2.3 +	8.7 ++	1.92	0.26	7.40	1772.	50.	1.
3255	0000	-815	37.3688	80.0822	STC-2	1.3 +	2.4 +	9.1 ++	1.86	0.26	7.08 -	1823.	49.	1.
3256	0000	-815	37.3688	80.0816	STC-2	1.3 +	2.5 +	8.9 ++	1.88	0.28	6.73 -	1839.	52.	1.
3257	0000	-813	37.3688	80.0811	STC-2	1.3 +	2.5 +	8.6 ++	1.86	0.28	6.52 -	1824.	54.	1.
3258	0000	-813	37.3688	80.0805	STC-2	1.3 +	2.3 +	8.7 ++	1.81	0.27	6.77 -	1793.	51.	2.
3259	0000	-815	37.3688	80.0798	DLMU-2	1.3	2.4	8.3	1.88	0.29	6.60	1777.	51.	3.
3260	0000	-814	37.3688	80.0793	DLMU-2	1.3	2.2	8.2	1.71	0.27	6.44	1773.	50.	4.
3261	0000	-812	37.3688	80.0787	DLMU-2	1.3	2.3	8.2	1.81	0.28	6.52	1770.	49.	4.
3262	0000	-812	37.3688	80.0782	DLMU-2	1.2	2.2	8.2	1.85	0.26	6.98	1742.	48.	5.
3263	0000	-811	37.3688	80.0775	DLMU-2	1.2	2.1	7.9	1.76	0.26	6.66	1713.	46.	7.
3264	0000	-810	37.3688	80.0769	DLMU-2	1.2	2.0	7.9	1.69	0.25	6.74	1701.	48.	8.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-809	37.3689	80.0763	DLMU-2	1.1	2.0	7.9	1.76	0.25	6.96	1694.	48.	9.
3266	0000	-807	37.3689	80.0757	DLMU-2	1.1	2.1	7.8	1.88	0.27	7.00	1696.	49.	9.
3267	0000	-807	37.3689	80.0752	DLMU-2	1.0 -	2.3	8.0	2.30 +	0.29	7.99	1689.	47.	8.
3268	0000	-807	37.3689	80.0745	DLMU-2	1.0 -	2.3	8.3	2.30 +	0.28	8.19 +	1686.	47.	8.
3269	0000	-808	37.3689	80.0739	DLMU-2	1.1	2.3	8.4	2.08	0.27	7.73	1712.	51.	8.
3270	0000	-807	37.3689	80.0734	DLMU-2	1.1	2.4	8.9	2.25	0.28	8.17 +	1762.	51.	7.
3271	0000	-805	37.3689	80.0728	DLMU-2	1.1	2.6	8.9	2.43 +	0.29	8.41 +	1786.	51.	6.
3272	0000	-805	37.3689	80.0721	DLMU-2	1.0	2.9 +	8.7	2.79 +	0.33 +	8.38 +	1796.	52.	6.
3273	0000	-803	37.3689	80.0716	DLMU-2	1.0	2.9 +	8.7	2.75 +	0.33	8.38 +	1786.	50.	6.
3274	0000	-802	37.3689	80.0710	DLMU-2	1.0 -	2.6	8.6	2.56 +	0.30	8.48 +	1749.	52.	6.
3275	0000	-801	37.3689	80.0704	DLMU-2	1.0 -	2.4	8.1	2.47 +	0.30	8.25 +	1685.	51.	7.
3276	0000	-800	37.3689	80.0698	DLMU-2	0.9 -	2.4	7.8	2.63 +	0.30	8.65 +	1652.	49.	7.
3277	0000	-800	37.3689	80.0692	DLMU-2	0.9 -	2.4	7.3 -	2.75 +	0.33 +	8.30 +	1620.	51.	7.
3278	0000	-802	37.3689	80.0686	DLMU-2	0.9 -	2.3	7.5 -	2.53 +	0.31	8.29 +	1619.	51.	7.
3279	0000	-800	37.3689	80.0680	DLMU-2	0.9 -	2.0	7.6	2.27 +	0.27	8.43 +	1624.	52.	7.
3280	0000	-798	37.3690	80.0675	DLMU-2	0.9 -	2.2	8.1	2.37 +	0.27	8.80 +	1657.	52.	7.
3281	0000	-799	37.3690	80.0668	DLMU-2	1.0 -	2.3	7.8	2.37 +	0.29	8.14 +	1695.	52.	7.
3282	0000	-800	37.3690	80.0662	DLMU-2	1.0 -	2.3	8.4	2.37 +	0.27	8.66 +	1757.	52.	7.
3283	0000	-798	37.3690	80.0657	DLMU-2	1.0 -	2.4	8.2	2.41 +	0.30	8.04	1800.	52.	8.
3284	0000	-798	37.3690	80.0651	DLMU-2	1.0 -	2.4	8.4	2.39 +	0.29	8.20 +	1825.	48.	8.
3285	0000	-797	37.3690	80.0645	DLMU-2	1.0	2.4	8.9	2.34 +	0.27	8.61 +	1851.	47.	10.
3286	0000	-795	37.3690	80.0639	DLMU-2	1.0 -	2.6	9.1	2.51 +	0.28	8.94 +	1858.	45.	10.
3287	0000	-794	37.3690	80.0633	DLMU-2	1.0 -	2.4	9.3 +	2.47 +	0.26	9.40 +	1838.	45.	10.
3288	0000	-795	37.3690	80.0627	DLMU-2	1.0 -	2.4	9.2 +	2.39 +	0.26	9.34 +	1812.	46.	10.
3289	0000	-795	37.3690	80.0621	DLMU-2	1.0 -	2.2	9.1	2.12	0.24	8.87 +	1794.	46.	11.
3290	0000	-793	37.3690	80.0615	DB-2	1.0	2.0	9.5	2.02	0.22	9.41	1755.	48.	11.
3291	0000	-792	37.3690	80.0609	DB-2	1.0	1.9	9.3	1.88	0.20	9.27	1721.	49.	10.
3292	0000	-793	37.3690	80.0603	DB-2	1.0	2.0	8.5	1.99	0.23	8.57	1677.	50.	9.
3293	0000	-791	37.3690	80.0598	DB-2	1.0	1.7	8.4	1.62	0.20 -	8.22	1637.	51.	8.
3294	0000	-788	37.3690	80.0592	DB-2	1.0	1.8	7.7	1.81	0.23	7.84	1599.	52.	8.
3295	0000	-790	37.3691	80.0585	DB-2	0.9	2.1	7.8	2.18	0.26	8.22	1599.	52.	6.
3296	0000	-789	37.3691	80.0580	DB-2	0.9	2.7 +	7.6	2.97 +	0.36 +	8.26	1637.	53.	4.
3297	0000	-786	37.3691	80.0574	DB-2	1.0	3.2 ++	7.5	3.26 +	0.43 +	7.64	1733.	50.	3.
3298	0000	-786	37.3690	80.0568	DB-2	1.1	3.4 ++	8.0	3.03 +	0.42 +	7.12	1857.	48.	2.
3299	0000	-787	37.3690	80.0562	DB-2	1.3	3.5 ++	8.4	2.75 +	0.41 +	6.69	1979.	48.	3.
3300	0000	-787	37.3691	80.0556	DB-2	1.3	4.0 +++	8.1	3.00 +	0.49 ++	6.07	2089.	48.	3.
3301	0000	-786	37.3691	80.0550	DB-2	1.4	4.3 +++	8.5	2.99 +	0.51 ++	5.90	2216.	47.	3.
3302	0000	-785	37.3691	80.0544	DB-2	1.6 +	4.3 +++	8.7	2.74 +	0.49 ++	5.55	2297.	46.	5.
3303	0000	-784	37.3691	80.0539	DB-2	1.6 +	3.9 +++	8.8	2.36	0.44 +	5.37 -	2310.	45.	7.
3304	0000	-784	37.3691	80.0532	DB-2	1.6 +	3.3 ++	8.7	2.02	0.37 +	5.39 -	2256.	45.	10.
3305	0000	-783	37.3691	80.0526	DB-2	1.5	3.0 +	8.2	2.04	0.37 +	5.52	2162.	46.	11.
3306	0000	-783	37.3691	80.0521	DB-2	1.4	2.8 +	7.7	2.00	0.36 +	5.58	2056.	47.	12.
3307	0000	-783	37.3691	80.0515	DB-2	1.4	2.4	7.7	1.77	0.31	5.67	2002.	45.	12.
3308	0000	-783	37.3691	80.0508	DB-2	1.4	2.3	7.6	1.72	0.31	5.60	1953.	45.	12.
3309	0000	-782	37.3691	80.0503	DB-2	1.3	2.3	7.5	1.73	0.31	5.59	1930.	45.	11.
3310	0000	-780	37.3692	80.0497	DB-2	1.3	2.5	7.5	1.88	0.33	5.72	1930.	46.	9.
3311	0000	-779	37.3692	80.0491	DB-2	1.4	2.7 +	7.5	1.97	0.36 +	5.51	1946.	47.	8.
3312	0000	-779	37.3692	80.0485	DB-2	1.4	2.8 +	7.7	2.04	0.36 +	5.62	1959.	47.	7.
3313	0000	-779	37.3692	80.0479	DB-2	1.3	3.0 +	7.8	2.27	0.38 +	5.94	1952.	45.	6.
3314	0000	-778	37.3692	80.0473	DB-2	1.2	3.1 +	7.8	2.48	0.39 +	6.29	1907.	46.	5.
3315	0000	-776	37.3692	80.0467	DB-2	1.2	2.8 +	7.5	2.33	0.37 +	6.34	1838.	47.	6.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-777	37.3692	80.0462	DB-2	1.2	2.7 +	7.5	2.32	0.36 +	6.50	1786.	48.	5.
3317	0000	-778	37.3692	80.0455	DB-2	1.1	2.4	7.4	2.12	0.33	6.49	1760.	49.	6.
3318	0000	-776	37.3692	80.0449	DB-2	1.1	2.4	7.0	2.11	0.34 +	6.16	1742.	49.	6.
3319	0000	-774	37.3692	80.0444	DB-2	1.2	2.3	6.5 -	2.01	0.36 +	5.62	1740.	53.	6.
3320	0000	-774	37.3692	80.0438	DB-2	1.2	2.5	6.7 -	2.14	0.38 +	5.83	1776.	53.	6.
3321	0000	-775	37.3692	80.0432	DB-2	1.2	2.5	6.8	2.01	0.36 +	5.60	1806.	52.	5.
3322	0000	-775	37.3692	80.0426	DB-2	1.2	2.5	6.9	2.06	0.37 +	5.62	1845.	50.	6.
3323	0000	-776	37.3692	80.0420	DB-2	1.3	2.6	6.9	2.04	0.37 +	5.46 -	1884.	48.	7.
3324	0000	-774	37.3693	80.0414	DB-2	1.3	2.7 +	7.1	2.07	0.38 +	5.45 -	1907.	46.	7.
3325	0000	-772	37.3693	80.0408	DB-2	1.3	2.8 +	7.8	2.10	0.35 +	5.92	1947.	44.	7.
3326	0000	-773	37.3693	80.0402	DB-2	1.3	2.8 +	8.1	2.11	0.35 +	6.01	1974.	41.	8.
3327	0000	-773	37.3693	80.0396	DB-2	1.4	2.7	8.2	1.90	0.32	5.89	1992.	41.	9.
3328	0000	-770	37.3693	80.0390	DB-2	1.4	2.6	8.5	1.82	0.30	6.03	2014.	41.	9.
3329	0000	-769	37.3693	80.0385	DB-2	1.5	2.3	9.0	1.60	0.26	6.11	2018.	43.	10.
3330	0000	-770	37.3693	80.0379	DB-2	1.4	2.2	9.0	1.57	0.25	6.39	1989.	45.	11.
3331	0000	-771	37.3693	80.0372	DB-2	1.4	2.0	8.9	1.43	0.22	6.35	1936.	47.	13.
3332	0000	-772	37.3693	80.0367	DB-2	1.3	2.0	8.5	1.56	0.24	6.54	1883.	46.	13.
3333	0000	-771	37.3693	80.0361	DB-2	1.3	2.0	8.5	1.56	0.23	6.83	1855.	46.	14.
3334	0000	-769	37.3694	80.0355	DB-2	1.2	1.7	8.6	1.43	0.20 -	7.35	1810.	47.	15.
3335	0000	-769	37.3693	80.0349	DB-2	1.2	1.6 -	8.4	1.34	0.19 -	7.20	1786.	47.	15.
3336	0000	-770	37.3693	80.0343	DB-2	1.1	1.7	8.1	1.53	0.21	7.40	1771.	44.	15.
3337	0000	-769	37.3693	80.0337	DB-2	1.1	1.6 -	7.7	1.51	0.21	7.27	1745.	43.	16.
3338	0000	-767	37.3693	80.0331	DB-2	1.0	1.5 -	7.7	1.47	0.19 -	7.64	1727.	43.	17.
3339	0000	-767	37.3694	80.0326	DB-2	1.0	1.2 -	7.6	1.18 -	0.15 -	7.59	1689.	45.	18.
3340	0000	-769	37.3694	80.0319	DB-2	1.0	1.0 --	7.4	0.95 -	0.13 --	7.37	1659	46.	18.
3341	0000	-768	37.3694	80.0313	DB-2	1.0	1.2 -	7.3	1.17 -	0.16 -	7.22	1660.	45.	18.
3342	0000	-766	37.3694	80.0308	DB-2	1.0	1.3 -	7.0	1.29	0.19 -	6.97	1656.	45.	17.
3343	0000	-767	37.3694	80.0302	DB-2	1.0	1.3 -	6.9	1.24 -	0.18 -	6.77	1646.	47.	16.
3344	0000	-767	37.3694	80.0295	DB-2	1.1	1.4 -	7.6	1.31	0.19 -	6.98	1680.	46.	14.
3345	0000	-766	37.3694	80.0290	DB-2	1.2	1.8	7.5	1.59	0.24	6.55	1717.	45.	11.
3346	0000	-765	37.3694	80.0284	DB-2	1.2	1.9	8.3	1.55	0.23	6.74	1756.	45.	8.
3347	0000	-766	37.3694	80.0278	DB-2	1.2	2.2	8.5	1.79	0.26	6.94	1805.	45.	6.
3348	0000	-767	37.3694	80.0272	DB-2	1.3	2.2	8.5	1.69	0.25	6.65	1824.	46.	4.
3349	0000	-766	37.3694	80.0266	DB-2	1.3	2.2	9.0	1.72	0.25	6.89	1842.	47.	2.
3350	0000	-765	37.3694	80.0260	DB-2	1.3	2.2	9.3	1.69	0.24	7.03	1855.	46.	1.
3351	0000	-766	37.3694	80.0254	DB-2	1.3	2.1	9.1	1.64	0.23	7.03	1848.	47.	0.
3352	0000	-766	37.3694	80.0249	DCH	1.2	2.1	9.3	1.71	0.23	7.49	1823.	49.	0.
3353	0000	-765	37.3694	80.0242	DCH	1.2	2.2	8.7	1.83	0.25	7.38	1805.	49.	1.
3354	0000	-765	37.3695	80.0236	DCH	1.1	2.2	8.8	1.90	0.25	7.68	1764.	50.	2.
3355	0000	-766	37.3695	80.0231	DCH	1.1	2.2	8.8	1.95	0.25	7.86	1749.	49.	3.
3356	0000	-765	37.3695	80.0225	DCH	1.0	2.2	8.2	2.10	0.27	7.84	1708.	49.	4.
3357	0000	-766	37.3695	80.0219	DCH	1.0	2.2	7.9	2.19	0.28	7.88	1698.	50.	6.
3358	0000	-766	37.3695	80.0213	DCH	1.0	2.2	7.7	2.10	0.29	7.34	1729.	50.	7.
3359	0000	-765	37.3695	80.0207	DCH	1.1	2.0	8.0	1.85	0.25	7.54	1778.	47.	9.
3360	0000	-765	37.3695	80.0201	DCH	1.1	1.9	8.2	1.64	0.23	7.26	1819.	49.	10.
3361	0000	-763	37.3695	80.0195	DCH	1.2	1.7	8.1	1.42 -	0.21	6.75	1855.	49.	12.
3362	0000	-762	37.3695	80.0189	DCH	1.3	1.6	8.3	1.23 -	0.19 -	6.47	1899.	48.	13.
3363	0000	-763	37.3695	80.0183	DCH	1.3 +	1.5	8.9	1.11 -	0.17 -	6.63	1957.	47.	14.
3364	0000	-764	37.3696	80.0177	DCH	1.4 +	1.4	9.5	1.02 -	0.15 -	6.73	2005.	50.	14.
3365	0000	-764	37.3695	80.0172	DCH	1.4 +	1.4	9.6	1.02 -	0.15 -	6.88	1984.	51.	14.
3366	0000	-764	37.3695	80.0166	DCH	1.4 +	1.4	8.9	1.02 -	0.16 -	6.40	1954.	53.	14.

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 160, DAY 293

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES					*			*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-763	37.3695	80.0159	DCH	1.3	1.6	9.0	1.23 -	0.18 -	6.83	1933.	54.	13.
3368	0000	-763	37.3695	80.0154	DCH	1.3	1.6	9.3	1.22 -	0.17 -	7.22	1918.	56.	11.
3369	0000	-762	37.3696	80.0148	DCH	1.2	1.8	9.8	1.51	0.19 -	8.16	1893.	58.	9.
3370	0000	-762	37.3696	80.0142	DCH	1.2	1.8	9.5	1.46 -	0.19 -	7.88	1887.	56.	8.
3371	0000	-763	37.3696	80.0135	DCH	1.1	1.9	8.8	1.69	0.22	7.79	1835.	55.	8.
3372	0000	-764	37.3696	80.0129	DCH	1.1	2.1	8.7	1.97	0.24	8.32	1794.	53.	6.
3373	0000	-762	37.3696	80.0124	DCH	1.0	2.2	8.7	2.21	0.25	8.76	1744.	51.	6.
3374	0000	-762	37.3696	80.0118	DCH	1.0	2.0	8.2	2.12	0.25	8.45	1688.	50.	6.
3375	0000	-762	37.3696	80.0112	DCH	0.9	2.0	7.8	2.24	0.26	8.59	1644.	48.	6.
3376	0000	-761	37.3696	80.0106	DCH	0.9	1.8	7.2	2.05	0.25	8.07	1601.	47.	7.
3377	0000	-761	37.3696	80.0100	DCH	0.9	1.9	7.3	2.10	0.25	8.25	1579.	50.	6.
3378	0000	-762	37.3696	80.0095	DCH	1.0	1.9	7.5	1.92	0.25	7.78	1614.	51.	5.
3379	0000	-764	37.3696	80.0089	DCH	1.0	2.0	7.3	2.10	0.28	7.60	1651.	52.	5.
3380	0000	-764	37.3696	80.0082	DCH	1.0	2.3	7.8	2.31	0.29	8.00	1709.	52.	4.
3381	0000	-761	37.3696	80.0077	DCH	1.0	2.5	8.1	2.55	0.31	8.32	1745.	52.	4.
3382	0000	-760	37.3696	80.0070	DCH	1.0	2.6	8.2	2.65	0.32	8.30	1773.	51.	4.
3383	0000	-762	37.3696	80.0065	DCH	1.0	2.5	8.4	2.61	0.30	8.66	1789.	50.	6.
3384	0000	-761	37.3697	80.0059	DCH	0.9	2.6	8.6	2.79	0.31	9.03	1769.	50.	6.
3385	0000	-760	37.3697	80.0053	DCH	0.9	2.7	9.2	3.11	0.29	10.67	1770.	48.	7.
3386	0000	-761	37.3697	80.0047	DCH	0.9	2.4	9.8	2.67	0.24	11.05	1778.	49.	8.
3387	0000	-761	37.3697	80.0041	DCH	0.9	2.2	9.9	2.36	0.22	10.66	1782.	49.	10.
3388	0000	-762	37.3696	80.0036	DCH	0.9	2.4	9.8	2.64	0.25	10.72	1789.	49.	11.
3389	0000	-762	37.3697	80.0029	DCH	0.9	2.6	9.7	2.96	0.27	11.01	1791.	50.	11.
3390	0000	-759	37.3697	80.0023	DCH	0.9	2.6	9.7	2.83	0.27	10.54	1794.	50.	11.
3391	0000	-758	37.3697	80.0017	DCH	0.9	2.6	9.7	2.83	0.27	10.54	1794.	50.	11.
3392	0000	-760	37.3697	80.0012	DCH	0.9	2.6	9.7	2.83	0.27	10.54	1794.	50.	11.
3393	0000	-759	37.3697	80.0006	DCH	0.9	2.6	9.7	2.83	0.27	10.54	1794.	50.	11.

CP 9 LP 12
CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-478	37.2826	81.9991		PPW	1.7 +	1.5	9.1 +	0.91 -	0.17 -	5.43	1961.	52.	7.
2	0000	-482	37.2826	81.9986		PPW	1.7 +	1.5	9.1 +	0.91 -	0.17 -	5.43	1961.	52.	7.
3	0000	-476	37.2826	81.9980		PPW	1.7 +	1.5	9.1 +	0.91 -	0.17 -	5.43	1961.	52.	7.
4	0000	-474	37.2826	81.9974		PPW	1.7 +	1.5	9.1 +	0.91 -	0.17 -	5.43	1961.	52.	7.
5	0000	-481	37.2826	81.9968		PPW	1.6 +	1.6	8.3 +	0.98 -	0.19 -	5.15	1885.	55.	6.
6	0000	-479	37.2827	81.9963		PPW	1.6 +	1.5	8.3 +	0.94 -	0.18 -	5.24	1831.	54.	5.
7	0000	-476	37.2826	81.9957		PPW	1.6 +	1.7	8.4 +	1.08	0.20	5.43	1806.	57.	5.
8	0000	-479	37.2826	81.9951		PPW	1.5 +	1.6	8.3 +	1.06	0.20 -	5.42	1790.	57.	4.
9	0000	-476	37.2826	81.9945		PPNG	1.5 +	1.8	8.2 +	1.20	0.22	5.54	1757.	57.	3.
10	0000	-468	37.2826	81.9940		PPNG	1.4	1.5	7.5	1.06	0.20	5.28	1680.	57.	4.
11	0000	-466	37.2826	81.9934		PPNG	1.3	1.3	6.8	1.03 -	0.20	5.22	1581.	56.	5.
12	0000	-467	37.2826	81.9928		PPNG	1.2	1.1 -	6.9	0.87 -	0.16 -	5.53	1509.	54.	5.
13	0000	-466	37.2825	81.9922		PPNG	1.2	1.2	6.4	1.03 -	0.19 -	5.54	1466.	54.	5.
14	0000	-462	37.2826	81.9917		PPW	1.1	1.1 -	5.9	1.00 -	0.19 -	5.33	1429.	50.	6.
15	0000	-459	37.2826	81.9911		PPW	1.1	1.2 -	5.7	1.16	0.21	5.43	1407.	47.	6.
16	0000	-465	37.2826	81.9906		PPW	1.1	1.0 --	6.1	0.94 -	0.16 -	5.75	1403.	44.	7.
17	0000	-469	37.2826	81.9900		PPW	1.1	1.3 -	6.1	1.22	0.21	5.82	1401.	42.	7.
18	0000	-463	37.2826	81.9894		PPW	1.0	1.6	6.2	1.58	0.26	6.02	1386.	44.	6.
19	0000	-457	37.2825	81.9888		PPW	1.0	1.8	6.0	1.89	0.30	6.22 +	1387.	45.	7.
20	0000	-457	37.2825	81.9883		PPW	0.9	1.8	6.0	1.97	0.31	6.44 +	1355.	46.	7.
21	0000	-454	37.2825	81.9877		PPW	0.9 -	1.9	5.8	2.17 +	0.32	6.71 ++	1313.	47.	6.
22	0000	-451	37.2825	81.9872		PPNG	0.9 -	1.7	5.8	1.94 +	0.29	6.69 +	1273.	50.	6.
23	0000	-452	37.2825	81.9865		PPNG	0.8 -	1.7	5.2	1.97 +	0.32 +	6.15 +	1240.	53.	6.
24	0000	-455	37.2825	81.9860		PPNG	0.8 -	1.4	5.6	1.64	0.25	6.62 +	1229.	54.	6.
25	0000	-458	37.2825	81.9854		PPNG	0.9 -	1.2	5.4	1.40	0.23	6.19 +	1247.	55.	6.
26	0000	-452	37.2825	81.9848		PPNG	0.9	1.3	5.6	1.42	0.22	6.33 +	1281.	55.	5.
27	0000	-447	37.2825	81.9843		PPNG	1.0	1.4	6.0	1.37	0.23	6.02	1357.	55.	5.
28	0000	-450	37.2825	81.9837		PPNG	1.1	1.5	6.3	1.37	0.24	5.82	1426.	53.	5.
29	0000	-448	37.2825	81.9831		PPNG	1.1	1.6	6.4	1.45	0.26	5.58	1481.	53.	5.
30	0000	-447	37.2825	81.9826		PPNG	1.2	1.7	6.8	1.41	0.25	5.69	1544.	53.	5.
31	0000	-450	37.2825	81.9820		PPNG	1.2	1.7	7.0	1.38	0.25	5.64	1615.	54.	5.
32	0000	-445	37.2825	81.9815		PPW	1.4	1.6	7.6	1.13	0.21	5.34	1692.	52.	6.
33	0000	-444	37.2825	81.9809		PPW	1.5 +	1.5	7.8	0.97 -	0.19 -	5.21	1712.	54.	8.
34	0000	-447	37.2825	81.9803		PPW	1.5 +	1.2 -	8.0 +	0.77 -	0.15 -	5.25	1701.	55.	8.
35	0000	-443	37.2825	81.9797		PPNG	1.5	1.1 -	7.9 +	0.73 -	0.13 -	5.42	1668.	56.	9.
36	0000	-438	37.2824	81.9792		PPNG	1.4	0.9 -	8.3 +	0.60 --	0.10 --	5.85	1628.	56.	9.
37	0000	-441	37.2824	81.9786		PPNG	1.3	0.9 -	8.0 +	0.68 --	0.11 --	5.92	1558.	56.	9.
38	0000	-440	37.2824	81.9780		PPNG	1.3	0.9 -	7.6	0.66 --	0.12 --	5.70	1495.	54.	9.
39	0000	-435	37.2824	81.9774		PPNG	1.2	1.0 -	7.3	0.79 -	0.13 --	6.07	1421.	54.	8.
40	0000	-432	37.2824	81.9769		PPNG	1.2	1.1 -	7.0	0.95 -	0.16 -	6.07	1385.	53.	6.
41	0000	-429	37.2824	81.9763		PPNG	1.1	1.2	6.5	1.06	0.18 -	5.83	1365.	51.	6.
42	0000	-425	37.2824	81.9757		PPNG	1.2	1.1 -	6.6	0.97 -	0.17 -	5.62	1387.	54.	5.
43	0000	-426	37.2824	81.9751		PPNG	1.2	1.3	6.3	1.04 -	0.20	5.09	1400.	54.	4.
44	0000	-426	37.2824	81.9746		PPNG	1.3	1.3	6.3	1.05	0.21	5.01	1450.	53.	4.
45	0000	-421	37.2824	81.9740		PPNG	1.3	1.3	6.4	1.06	0.21	5.07	1465.	54.	3.
46	0000	-417	37.2824	81.9735		PPNG	1.2	1.4	6.3	1.16	0.23	5.09	1458.	56.	3.
47	0000	-420	37.2824	81.9729		PPNG	1.2	1.4	6.0	1.12	0.23	4.93	1445.	54.	3.
48	0000	-423	37.2824	81.9724		PPNG	1.2	1.6	5.8	1.33	0.27	4.92	1433.	54.	3.
49	0000	-422	37.2824	81.9717		PPNG	1.1	1.5	5.7	1.35	0.27	5.06	1388.	52.	4.
50	0000	-416	37.2824	81.9712		PPNG	1.0	1.5	5.8	1.41	0.25	5.56	1363.	52.	4.
51	0000	-411	37.2824	81.9706		PPNG	1.1	1.3	5.8	1.26	0.23	5.42	1331.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-415	37.2824	81.9700	PPNG	1.0	1.3	5.5	1.30	0.24	5.35	1307.	54.	5.
53	0000	-409	37.2823	81.9694	PPNG	1.0	1.2	5.5	1.15	0.21	5.45	1297.	53.	5.
54	0000	-403	37.2823	81.9689	PPNG	1.0	1.1 -	5.6	1.11	0.20	5.65	1280.	55.	6.
55	0000	-410	37.2823	81.9683	PPNG	1.0	0.9 -	5.7	0.89 -	0.16 -	5.73	1263.	58.	6.
56	0000	-411	37.2823	81.9677	PPNG	1.0	1.0 -	5.5	1.06	0.19 -	5.68	1263.	57.	6.
57	0000	-407	37.2823	81.9672	PPNG	1.0	1.2	5.3	1.18	0.22	5.32	1264.	56.	6.
58	0000	-409	37.2823	81.9667	PPNG	1.0	1.1 -	5.6	1.14	0.20	5.58	1293.	55.	6.
59	0000	-406	37.2823	81.9660	PPNG	1.1	1.2	6.0	1.15	0.21	5.57	1356.	53.	6.
60	0000	-405	37.2823	81.9655	PPNG	1.1	1.4	6.6	1.22	0.21	5.89	1442.	52.	5.
61	0000	-402	37.2823	81.9649	PPNG	1.2	1.6	7.1	1.34	0.22	6.12	1514.	51.	4.
62	0000	-398	37.2823	81.9644	PPNG	1.2	1.6	7.0	1.33	0.23	5.84	1571.	49.	4.
63	0000	-405	37.2823	81.9638	PPNG	1.2	1.7	7.3	1.33	0.23	5.87	1626.	50.	4.
64	0000	-404	37.2823	81.9632	PPNG	1.4	2.1	7.9 +	1.46	0.26	5.62	1753.	53.	4.
65	0000	-396	37.2823	81.9626	PPNG	1.6 +	2.6 ++	7.7 +	1.64	0.34 +	4.84	1897.	51.	4.
66	0000	-398	37.2823	81.9620	PPNG	1.6 +	2.8 ++	7.9 +	1.79 +	0.36 +	4.95	1943.	53.	4.
67	0000	-397	37.2823	81.9615	PPNG	1.6 +	2.9 ++	7.7 +	1.79 +	0.37 +	4.80 -	1911.	54.	3.
68	0000	-395	37.2823	81.9609	PPNG	1.5 +	2.9 ++	7.5	1.90 +	0.39 ++	4.84	1891.	54.	3.
69	0000	-397	37.2823	81.9603	PPNG	1.5 +	3.2 +++	8.0 +	2.19 ++	0.40 ++	5.43	1876.	54.	2.
70	0000	-390	37.2822	81.9597	PPNG	1.5	3.3 +++	7.4	2.27 ++	0.45 +++	5.09	1860.	53.	2.
71	0000	-384	37.2822	81.9592	PPNG	1.3	3.2 +++	6.9	2.45 ++	0.46 +++	5.38	1748.	52.	1.
72	0000	-385	37.2823	81.9587	PPNG	1.0	2.8 ++	7.0	2.65 +++	0.39 ++	6.73 +	1596.	53.	1.
73	0000	-384	37.2823	81.9581	PPW	1.0	2.4 ++	6.9	2.45 +	0.35 +	6.95 ++	1506.	52.	0.
74	0000	-387	37.2823	81.9576	PPW	1.0	2.4 ++	6.4	2.41 +	0.37 +	6.44 +	1472.	53.	0.
75	0000	-387	37.2823	81.9569	PPW	1.0	2.4 ++	6.2	2.36 +	0.39 +	6.00	1467.	52.	0.
76	0000	-379	37.2822	81.9564	PPW	1.0	2.3 +	6.0	2.18 +	0.38 +	5.76	1446.	53.	0.
77	0000	-372	37.2822	81.9558	PPW	1.0	2.0	6.3	1.96	0.32	6.13 +	1414.	53.	0.
78	0000	-369	37.2822	81.9552	PPNG	1.0	1.6	6.6	1.55	0.24	6.53 +	1379.	53.	0.
79	0000	-367	37.2822	81.9546	PPNG	1.0	1.5	6.0	1.50	0.25	6.11	1316.	54.	0.
80	0000	-364	37.2822	81.9540	PPNG	0.9	1.5	5.7	1.67	0.27	6.20 +	1257.	53.	0.
81	0000	-360	37.2822	81.9535	PPNG	0.8 -	1.5	5.7	1.92 +	0.27	7.17 ++	1201.	51.	0.
82	0000	-365	37.2822	81.9529	PPNG	0.8 -	1.2	5.4	1.57	0.22	7.01 ++	1120.	53.	0.
83	0000	-372	37.2822	81.9523	PPNG	0.7 -	1.2	5.0	1.71	0.24	7.02 ++	1067.	53.	0.
84	0000	-362	37.2822	81.9517	PPNG	0.7 --	1.3	5.0 -	1.97 +	0.26	7.55 +++	1019.	52.	0.
85	0000	-354	37.2822	81.9512	PPNG	0.6 --	1.4	4.6 -	2.29 ++	0.30	7.68 +++	990.	50.	0.
86	0000	-359	37.2822	81.9507	PPNG	0.6 --	1.5	5.0 -	2.60 +++	0.30	8.61 +++	992.	50.	0.
87	0000	-361	37.2822	81.9501	PPNG	0.6 --	1.4	4.9 -	2.35 ++	0.29	7.98 +++	1000.	52.	1.
88	0000	-355	37.2822	81.9495	PPNG	0.6 --	1.4	4.8 -	2.28 ++	0.30	7.53 +++	1025.	54.	1.
89	0000	-356	37.2822	81.9490	PPNG	0.7 --	1.6	5.1	2.49 ++	0.32	7.86 +++	1084.	53.	1.
90	0000	-360	37.2822	81.9483	PPNG	0.8 -	1.5	5.7	1.97 +	0.27	7.23 ++	1161.	50.	2.
91	0000	-356	37.2822	81.9478	PPNG	0.9 -	1.7	6.0	1.94 +	0.28	6.94 ++	1259.	52.	2.
92	0000	-349	37.2822	81.9472	PPNG	1.0	1.6	6.2	1.57	0.26	6.05	1377.	53.	4.
93	0000	-351	37.2821	81.9467	PPNG	1.2	1.5	7.1	1.30	0.21	6.15 +	1494.	52.	5.
94	0000	-353	37.2821	81.9461	PPNG	1.3	1.5	7.8 +	1.19	0.19 -	6.12	1621.	50.	6.
95	0000	-343	37.2821	81.9455	PPNG	1.4	1.4	8.9 +	1.03 -	0.16 -	6.49 +	1720.	49.	7.
96	0000	-341	37.2821	81.9449	PPNG	1.5	1.2	9.2 +	0.84 -	0.13 --	6.34 +	1775.	49.	7.
97	0000	-344	37.2821	81.9444	PPNG	1.5 +	1.2	9.5 ++	0.83 -	0.13 --	6.49 +	1846.	50.	9.
98	0000	-338	37.2821	81.9438	PPNG	1.6 +	1.1 -	9.9 ++	0.68 -	0.11 --	6.19 +	1915.	48.	10.
99	0000	-333	37.2821	81.9432	PPNG	1.6 +	1.1 -	10.4 ++	0.67 --	0.10 --	6.43 +	1984.	50.	10.
100	0000	-334	37.2821	81.9427	PPNG	1.6 +	1.3	9.8 ++	0.78 -	0.13 --	5.98	2020.	52.	11.
101	0000	-335	37.2821	81.9421	PPNG	1.6 +	1.3	9.6 ++	0.85 -	0.14 -	6.07	1990.	54.	11.
102	0000	-334	37.2821	81.9415	PPNG	1.6 +	1.7	9.1 +	1.06	0.18 -	5.82	1960.	54.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-331	37.2821	81.9410	PPNG	1.5 +	1.7	8.9 +	1.11	0.19 -	5.92	1930.	55.	10.
104	0000	-328	37.2820	81.9404	PPNG	1.5 +	1.6	8.3 +	1.10	0.20	5.59	1853.	55.	9.
105	0000	-330	37.2821	81.9398	PPNG	1.4	1.6	8.1 +	1.15	0.20	5.73	1792.	54.	8.
106	0000	-328	37.2821	81.9392	PPNG	1.4	1.7	7.9 +	1.23	0.22	5.67	1719.	55.	6.
107	0000	-320	37.2821	81.9387	PPNG	1.5 +	1.4	8.4 +	0.93 -	0.16 -	5.66	1709.	55.	5.
108	0000	-317	37.2821	81.9381	PPNG	1.6 +	1.5	8.7 +	0.93 -	0.17 -	5.43	1792.	55.	4.
109	0000	-317	37.2821	81.9375	PPNG	1.8 +	1.3	9.1 +	0.75 -	0.15 -	5.04	1901.	57.	3.
110	0000	-316	37.2820	81.9369	PPNG	1.9 ++	1.8	9.6 ++	0.95 -	0.19 -	5.02	2017.	54.	2.
111	0000	-315	37.2820	81.9364	PPNG	1.9 ++	1.9	10.5 ++	1.01 -	0.19 -	5.44	2080.	53.	2.
112	0000	-312	37.2820	81.9358	PPNG	1.9 ++	2.2 +	10.1 ++	1.14	0.21	5.34	2077.	54.	1.
113	0000	-311	37.2820	81.9352	PPNG	1.9 +	2.3 +	9.8 ++	1.22	0.23	5.28	2064.	53.	2.
114	0000	-309	37.2820	81.9347	PPNG	1.8 +	2.4 +	10.0 ++	1.30	0.24	5.40	2099.	51.	2.
115	0000	-305	37.2820	81.9342	PPNG	1.8 +	2.3 +	10.2 ++	1.23	0.22	5.56	2104.	49.	3.
116	0000	-307	37.2820	81.9335	PPNG	1.7 +	2.5 ++	10.1 ++	1.52	0.25	6.04	2069.	52.	4.
117	0000	-305	37.2820	81.9330	PPNG	1.7 +	2.5 +	10.0 ++	1.49	0.25	6.03	2064.	56.	4.
118	0000	-295	37.2820	81.9324	PPNG	1.7 +	2.5 +	9.7 ++	1.43	0.26	5.61	2120.	57.	6.
119	0000	-294	37.2820	81.9319	PPNG	1.9 +	2.5 +	10.5 ++	1.32	0.24	5.56	2261.	57.	7.
120	0000	-298	37.2820	81.9312	PPNG	2.1 ++	2.3 +	11.4 ++	1.11	0.20	5.43	2413.	58.	8.
121	0000	-297	37.2820	81.9307	PPNG	2.1 ++	2.7 ++	11.1 ++	1.27	0.25	5.20	2463.	62.	8.
122	0000	-293	37.2820	81.9301	PPNG	2.1 ++	2.9 ++	11.1 ++	1.35	0.26	5.25	2503.	60.	8.
123	0000	-289	37.2820	81.9296	PPNG	2.2 ++	2.6 ++	11.2 ++	1.16	0.23	5.01	2525.	58.	9.
124	0000	-289	37.2820	81.9290	PPNG	2.3 ++	2.4 +	10.8 ++	1.04 -	0.22	4.67 -	2566.	55.	10.
125	0000	-289	37.2820	81.9284	PPNG	2.3 ++	2.5 ++	11.1 ++	1.12	0.23	4.89	2564.	55.	9.
126	0000	-281	37.2820	81.9278	PPNG	2.2 ++	2.3 +	11.2 ++	1.05 -	0.21	5.11	2498.	54.	8.
127	0000	-279	37.2819	81.9272	PPNG	2.0 ++	2.3 +	10.6 ++	1.14	0.22	5.20	2382.	54.	7.
128	0000	-278	37.2819	81.9267	PPNG	1.9 +	2.2 +	10.3 ++	1.17	0.21	5.47	2272.	51.	7.
129	0000	-272	37.2819	81.9262	PPNG	1.9 +	2.3 +	9.8 ++	1.23	0.23	5.27	2170.	52.	6.
130	0000	-275	37.2819	81.9256	PPNG	1.8 +	2.4 +	10.1 ++	1.30	0.23	5.57	2165.	53.	4.
131	0000	-277	37.2819	81.9250	PPNG	1.8 +	2.4 +	10.8 ++	1.34	0.22	6.04	2144.	54.	3.
132	0000	-271	37.2820	81.9244	PPNG	1.9 +	2.4 +	10.7 ++	1.31	0.23	5.72	2184.	54.	2.
133	0000	-268	37.2819	81.9239	PPNG	1.9 ++	2.7 ++	10.5 ++	1.41	0.26	5.43	2244.	53.	1.
134	0000	-262	37.2819	81.9233	PPNG	1.9 ++	2.9 ++	10.5 ++	1.51	0.28	5.39	2285.	50.	0.
135	0000	-258	37.2819	81.9227	PPNG	2.0 ++	2.9 ++	10.6 ++	1.46	0.27	5.34	2300.	49.	0.
136	0000	-264	37.2819	81.9221	PPNG	2.0 ++	3.0 +++	10.7 ++	1.52	0.28	5.48	2313.	48.	0.
137	0000	-268	37.2819	81.9216	PPNG	1.9 +	3.0 ++	10.0 ++	1.58	0.30	5.33	2248.	48.	0.
138	0000	-261	37.2819	81.9210	PPNG	1.7 +	2.8 ++	8.9 +	1.62	0.32	5.08	2131.	50.	0.
139	0000	-251	37.2819	81.9204	PPNG	1.6 +	2.6 ++	8.3 +	1.64	0.32	5.20	1978.	50.	0.
140	0000	-248	37.2819	81.9198	PPNG	1.4	2.4 +	7.7 +	1.70	0.31	5.43	1813.	50.	0.
141	0000	-249	37.2819	81.9192	PPNG	1.3	2.2 +	7.5	1.67	0.30	5.57	1724.	52.	0.
142	0000	-251	37.2819	81.9187	PPNG	1.3	2.1 +	7.2	1.59	0.29	5.47	1690.	55.	0.
143	0000	-252	37.2819	81.9182	PPNG	1.3	2.0	6.7	1.50	0.30	5.08	1654.	55.	1.
144	0000	-249	37.2818	81.9176	PPNG	1.3	2.0	6.4	1.48	0.31	4.81 -	1631.	54.	1.
145	0000	-242	37.2818	81.9171	PPNG	1.3	1.9	7.0	1.46	0.28	5.29	1621.	53.	1.
146	0000	-235	37.2818	81.9165	PPNG	1.3	1.8	7.2	1.33	0.24	5.44	1618.	55.	2.
147	0000	-233	37.2818	81.9159	PPNG	1.3	1.8	7.0	1.40	0.26	5.38	1632.	55.	3.
148	0000	-238	37.2818	81.9153	PPNG	1.3	1.9	7.2	1.45	0.26	5.62	1612.	54.	3.
149	0000	-239	37.2819	81.9147	PPNG	1.2	1.9	7.3	1.58	0.26	6.10	1578.	53.	3.
150	0000	-236	37.2818	81.9142	PPNG	1.1	1.8	7.4	1.57	0.24	6.58 +	1527.	52.	3.
151	0000	-230	37.2818	81.9135	PPNG	1.1	1.6	7.5	1.56	0.22	7.12 ++	1483.	51.	3.
152	0000	-229	37.2818	81.9130	PPNG	1.0	1.7	6.8	1.73	0.25	6.87 ++	1462.	51.	4.
153	0000	-233	37.2818	81.9124	PPNG	1.0	1.9	6.4	1.88 +	0.30	6.27 +	1455.	48.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-228	37.2818	81.9118	PPNG	1.1	1.9	6.8	1.74	0.28	6.33 +	1458.	49.	3.
155	0000	-222	37.2818	81.9112	PPNG	1.1	1.9	6.6	1.69	0.29	5.89	1505.	48.	3.
156	0000	-223	37.2818	81.9108	PPNG	1.2	1.9	7.1	1.58	0.27	5.90	1559.	48.	3.
157	0000	-220	37.2818	81.9102	PPNG	1.3	1.9	7.1	1.51	0.27	5.57	1597.	47.	4.
158	0000	-218	37.2818	81.9096	PPNG	1.3	2.1	6.9	1.63	0.30	5.50	1598.	51.	4.
159	0000	-214	37.2818	81.9091	PPNG	1.3	2.0	7.2	1.59	0.29	5.57	1619.	50.	3.
160	0000	-209	37.2818	81.9085	PPNG	1.3	2.1 +	7.2	1.67	0.30	5.64	1613.	52.	3.
161	0000	-213	37.2817	81.9079	PPNG	1.2	2.1 +	7.0	1.69	0.30	5.64	1619.	50.	3.
162	0000	-213	37.2817	81.9073	PPNG	1.3	2.0	7.0	1.51	0.28	5.34	1619.	51.	4.
163	0000	-206	37.2817	81.9067	PPNG	1.3	1.8	6.4	1.37	0.28	4.92	1594.	50.	4.
164	0000	-205	37.2817	81.9062	PPNG	1.2	1.8	6.8	1.44	0.27	5.43	1584.	52.	3.
165	0000	-205	37.2817	81.9056	PPNG	1.3	1.6	6.8	1.27	0.24	5.34	1587.	51.	4.
166	0000	-205	37.2817	81.9050	PPNG	1.3	1.6	6.7	1.25	0.23	5.32	1554.	51.	5.
167	0000	-199	37.2817	81.9044	PPNG	1.2	1.5	6.7	1.24	0.22	5.56	1548.	50.	5.
168	0000	-191	37.2817	81.9039	PPNG	1.2	1.4	6.7	1.17	0.21	5.62	1521.	50.	5.
169	0000	-195	37.2817	81.9033	PPNG	1.2	1.4	6.3	1.26	0.23	5.50	1507.	50.	6.
170	0000	-195	37.2817	81.9028	PPNG	1.1	1.4	6.4	1.20	0.21	5.59	1478.	53.	6.
171	0000	-187	37.2817	81.9022	PPNG	1.1	1.3	6.1	1.11	0.21	5.32	1447.	54.	7.
172	0000	-188	37.2817	81.9016	PPNG	1.1	1.2	5.8	1.11	0.21	5.24	1429.	54.	6.
173	0000	-186	37.2817	81.9010	PPNG	1.1	1.2	5.8	1.09	0.22	5.05	1431.	56.	6.
174	0000	-185	37.2817	81.9005	PPNG	1.2	1.1 -	5.9	0.92 -	0.19 -	4.95	1431.	56.	6.
175	0000	-192	37.2817	81.8999	PPNG	1.2	1.2	5.7	1.05	0.22	4.85	1437.	58.	5.
176	0000	-188	37.2817	81.8994	PPNG	1.1	1.2	6.2	1.07	0.20	5.42	1428.	56.	3.
177	0000	-181	37.2817	81.8987	PPNG	1.1	1.5	6.0	1.32	0.25	5.36	1449.	55.	2.
178	0000	-185	37.2817	81.8982	PPNG	1.2	1.5	6.2	1.32	0.25	5.29	1480.	54.	2.
179	0000	-180	37.2816	81.8976	PPNG	1.2	1.6	6.4	1.31	0.25	5.30	1502.	53.	1.
180	0000	-174	37.2816	81.8970	PPNG	1.2	1.7	6.7	1.43	0.26	5.58	1547.	50.	1.
181	0000	-177	37.2816	81.8964	PPNG	1.2	1.8	6.8	1.49	0.27	5.52	1550.	50.	1.
182	0000	-177	37.2817	81.8959	PPNG	1.2	1.6	6.7	1.39	0.25	5.66	1513.	49.	2.
183	0000	-173	37.2817	81.8953	PPNG	1.2	1.5	6.2	1.34	0.25	5.34	1468.	51.	2.
184	0000	-171	37.2816	81.8948	PPNG	1.1	1.6	6.2	1.43	0.26	5.40	1453.	50.	2.
185	0000	-171	37.2816	81.8942	PPNG	1.2	1.8	6.2	1.58	0.30	5.29	1514.	48.	2.
186	0000	-167	37.2816	81.8937	PPNG	1.2	2.0	6.4	1.70	0.32	5.38	1565.	47.	2.
187	0000	-161	37.2816	81.8931	PPNG	1.2	2.0	6.3	1.64	0.32 +	5.06	1568.	49.	2.
188	0000	-161	37.2816	81.8925	PPNG	1.2	2.1 +	5.9	1.75	0.36 +	4.88	1571.	50.	2.
189	0000	-158	37.2816	81.8919	PPNG	1.3	2.2 +	6.2	1.69	0.35 +	4.84	1628.	48.	2.
190	0000	-155	37.2816	81.8914	PPNG	1.3	2.3 +	6.2	1.85 +	0.38 +	4.93	1652.	49.	2.
191	0000	-158	37.2816	81.8908	PPNG	1.3	2.2 +	6.1	1.73	0.36 +	4.75 -	1635.	49.	3.
192	0000	-155	37.2816	81.8902	PPNG	1.2	2.1 +	5.8	1.70	0.36 +	4.79 -	1544.	53.	3.
193	0000	-152	37.2816	81.8896	PPNG	1.2	1.8	5.9	1.48	0.30	4.92	1494.	53.	4.
194	0000	-154	37.2816	81.8891	PPNG	1.1	1.5	5.9	1.36	0.26	5.20	1477.	54.	5.
195	0000	-153	37.2816	81.8885	PPNG	1.1	1.5	6.4	1.31	0.24	5.56	1508.	53.	6.
196	0000	-153	37.2816	81.8879	PPNG	1.1	1.7	6.4	1.51	0.27	5.65	1501.	55.	6.
197	0000	-156	37.2816	81.8873	PPNG	1.2	1.5	6.7	1.28	0.23	5.61	1541.	53.	7.
198	0000	-157	37.2816	81.8868	PPNG	1.3	1.4	7.1	1.12	0.20	5.57	1601.	52.	7.
199	0000	-156	37.2816	81.8862	PPNG	1.3	1.2	8.0 +	0.92 -	0.15 -	6.05	1655.	51.	7.
200	0000	-153	37.2816	81.8857	PPNG	1.3	1.4	8.1 +	1.08	0.18 -	6.06	1671.	51.	5.
201	0000	-144	37.2815	81.8851	PPNG	1.3	1.6	7.8 +	1.25	0.21	5.95	1642.	52.	5.
202	0000	-142	37.2815	81.8845	PPNG	1.3	1.6	7.4	1.21	0.21	5.71	1588.	53.	4.
203	0000	-148	37.2815	81.8839	PPNG	1.2	1.4	7.0	1.17	0.21	5.68	1528.	52.	5.
204	0000	-147	37.2815	81.8834	PPNG	1.1	1.5	6.6	1.33	0.23	5.76	1435.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-150	37.2815	81.8828	PPNG	1.0	1.6	6.2	1.52	0.25	6.04	1331.	57.	5.
206	0000	-151	37.2815	81.8822	PPNG	0.9	1.6	5.6	1.76	0.29	6.09	1240.	61.	5.
207	0000	-143	37.2815	81.8817	PPNG	0.9 -	1.4	5.4	1.61	0.26	6.17 +	1188.	59.	7.
208	0000	-151	37.2815	81.8811	PPNG	0.9 -	1.3	5.6	1.47	0.23	6.42 +	1190.	57.	7.
209	0000	-158	37.2815	81.8805	PPNG	0.9 -	1.3	5.8	1.51	0.23	6.69 +	1231.	55.	7.
210	0000	-149	37.2815	81.8800	PPNG	1.0	1.6	6.1	1.58	0.25	6.19 +	1317.	54.	7.
211	0000	-149	37.2815	81.8793	PPNG	1.1	1.6	6.8	1.49	0.23	6.38 +	1428.	53.	5.
212	0000	-147	37.2815	81.8789	PPNG	1.1	1.8	7.2	1.60	0.25	6.37 +	1536.	51.	4.
213	0000	-142	37.2814	81.8783	PPNG	1.2	2.1	7.0	1.70	0.29	5.78	1622.	48.	3.
214	0000	-148	37.2814	81.8777	PPNG	1.3	2.1 +	6.9	1.66	0.31	5.40	1658.	50.	2.
215	0000	-148	37.2814	81.8771	PPNG	1.3	2.2 +	6.9	1.66	0.31	5.26	1662.	49.	1.
216	0000	-141	37.2814	81.8766	PPNG	1.3	2.3 +	6.6	1.79 +	0.34 +	5.21	1628.	51.	0.
217	0000	-144	37.2815	81.8760	PPNG	1.2	2.0	6.4	1.66	0.32	5.27	1562.	51.	0.
218	0000	-147	37.2815	81.8754	PPNG	1.2	1.9	6.0	1.63	0.32	5.10	1474.	51.	0.
219	0000	-148	37.2814	81.8748	PPNG	1.1	1.7	5.7	1.48	0.29	5.06	1416.	52.	0.
220	0000	-150	37.2814	81.8743	PPNG	1.1	1.6	5.8	1.45	0.28	5.19	1396.	52.	0.
221	0000	-144	37.2814	81.8737	PPNG	1.1	1.7	5.9	1.52	0.28	5.35	1424.	53.	0.
222	0000	-144	37.2814	81.8730	PPNG	1.1	1.6	6.0	1.42	0.27	5.20	1464.	52.	1.
223	0000	-147	37.2814	81.8725	PPNG	1.2	1.5	6.1	1.26	0.24	5.25	1476.	52.	1.
224	0000	-146	37.2814	81.8719	PPNG	1.2	1.3	6.1	1.15	0.22	5.20	1490.	52.	3.
225	0000	-147	37.2814	81.8714	PPNG	1.2	1.4	6.1	1.23	0.24	5.16	1535.	52.	3.
226	0000	-145	37.2814	81.8709	PPNG	1.2	1.4	6.4	1.20	0.23	5.31	1568.	49.	5.
227	0000	-140	37.2814	81.8703	PPNG	1.2	1.5	6.5	1.22	0.23	5.32	1612.	48.	6.
228	0000	-140	37.2814	81.8697	PPNG	1.2	1.6	6.4	1.35	0.26	5.22	1605.	48.	6.
229	0000	-139	37.2814	81.8691	PPNG	1.2	1.6	6.4	1.33	0.25	5.32	1570.	50.	5.
230	0000	-140	37.2813	81.8686	PPNG	1.2	1.6	6.3	1.43	0.26	5.44	1548.	48.	5.
231	0000	-144	37.2813	81.8680	PPNG	1.1	1.8	6.2	1.55	0.29	5.43	1549.	48.	4.
232	0000	-143	37.2813	81.8674	PPNG	1.2	1.8	6.2	1.51	0.28	5.32	1547.	49.	4.
233	0000	-147	37.2814	81.8668	PPNG	1.2	1.9	5.9	1.57	0.31	4.99	1551.	49.	3.
234	0000	-150	37.2814	81.8662	PPNG	1.2	1.8	5.9	1.55	0.31	5.06	1526.	51.	3.
235	0000	-147	37.2814	81.8657	PPNG	1.2	1.6	6.5	1.32	0.25	5.22	1550.	50.	3.
236	0000	-146	37.2813	81.8651	PPNG	1.2	1.8	6.2	1.51	0.29	5.26	1556.	50.	4.
237	0000	-148	37.2813	81.8645	PPNG	1.2	1.8	6.1	1.55	0.30	5.20	1557.	51.	5.
238	0000	-150	37.2813	81.8639	PPNG	1.2	1.9	6.2	1.63	0.31	5.34	1530.	50.	5.
239	0000	-153	37.2813	81.8634	PPNG	1.1	1.9	5.9	1.67	0.31	5.36	1476.	51.	6.
240	0000	-157	37.2813	81.8629	PPNG	1.1	1.7	5.8	1.58	0.28	5.54	1393.	54.	6.
241	0000	-156	37.2813	81.8623	PPNG	1.0	1.5	5.3	1.51	0.29	5.20	1313.	51.	6.
242	0000	-157	37.2813	81.8617	PPNG	0.9	1.4	4.7 -	1.56	0.30	5.27	1225.	53.	7.
243	0000	-157	37.2813	81.8612	PPNG	0.9	1.3	4.6 -	1.48	0.29	5.12	1182.	54.	7.
244	0000	-151	37.2813	81.8605	PPNG	0.9	1.2	4.4 -	1.33	0.28	4.71 -	1159.	55.	7.
245	0000	-149	37.2813	81.8600	PPNG	0.9	1.2	4.1 -	1.28	0.28	4.54 -	1156.	58.	7.
246	0000	-152	37.2813	81.8594	PPNG	1.0	1.1 -	4.2 -	1.20	0.28	4.36 -	1177.	57.	7.
247	0000	-153	37.2812	81.8589	PPNG	0.9	1.3	4.2 -	1.39	0.31	4.50 -	1212.	57.	7.
248	0000	-154	37.2812	81.8582	PPNG	0.9	1.4	4.4 -	1.56	0.33 +	4.70 -	1252.	57.	6.
249	0000	-154	37.2812	81.8577	PPNG	1.0	1.5	4.7 -	1.53	0.32 +	4.71 -	1290.	57.	5.
250	0000	-150	37.2812	81.8571	PPNG	1.0	1.6	5.3	1.57	0.30	5.19	1354.	55.	5.
251	0000	-153	37.2812	81.8566	PPNG	1.1	1.7	6.1	1.57	0.28	5.65	1449.	55.	4.
252	0000	-153	37.2813	81.8560	PPNG	1.1	1.8	6.7	1.64	0.27	6.00	1505.	54.	4.
253	0000	-153	37.2812	81.8554	PPNG	1.1	1.9	7.0	1.71	0.28	6.21 +	1529.	54.	4.
254	0000	-161	37.2812	81.8549	PPNG	1.1	2.0	7.3	1.78	0.28	6.45 +	1532.	52.	4.
255	0000	-160	37.2812	81.8543	PPNG	1.1	2.0	7.1	1.83 +	0.29	6.38 +	1507.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-152	37.2812	81.8537	PPNG	1.1	2.1 +	7.2	1.97 +	0.29	6.76 +	1498.	53.	5.
257	0000	-153	37.2812	81.8532	PPNG	1.1	2.1	7.1	1.92 +	0.29	6.61 +	1499.	53.	5.
258	0000	-156	37.2812	81.8526	PPNG	1.0	1.9	6.6	1.81 +	0.28	6.40 +	1440.	53.	5.
259	0000	-162	37.2812	81.8520	PPNG	1.1	1.6	6.4	1.49	0.25	6.04	1407.	52.	5.
260	0000	-163	37.2812	81.8514	PPNG	1.1	1.3	6.5	1.27	0.21	6.20 +	1415.	53.	5.
261	0000	-158	37.2812	81.8509	PPNG	1.1	1.4	6.7	1.26	0.20	6.19 +	1449.	54.	5.
262	0000	-161	37.2812	81.8503	PPNG	1.1	1.2 -	7.0	1.02 -	0.17 -	6.15 +	1474.	55.	5.
263	0000	-164	37.2812	81.8497	PPNG	1.1	1.3	6.6	1.17	0.20 -	5.96	1456.	55.	5.
264	0000	-158	37.2811	81.8491	PPNG	1.1	1.4	6.2	1.24	0.22	5.60	1413.	56.	4.
265	0000	-159	37.2811	81.8486	PPNG	1.2	1.4	6.4	1.24	0.22	5.61	1458.	57.	4.
266	0000	-163	37.2811	81.8480	PPNG	1.2	1.8	6.8	1.55	0.27	5.86	1544.	56.	3.
267	0000	-161	37.2812	81.8474	PPNG	1.1	2.1 +	6.6	1.86 +	0.32	5.83	1569.	55.	3.
268	0000	-161	37.2812	81.8469	PPNG	1.2	2.0	6.2	1.71	0.32 +	5.32	1553.	55.	2.
269	0000	-167	37.2812	81.8463	PPNG	1.2	2.2 +	6.5	1.91 +	0.35 +	5.52	1572.	55.	1.
270	0000	-170	37.2811	81.8457	PPNG	1.2	2.1 +	6.7	1.74	0.32 +	5.43	1606.	52.	1.
271	0000	-166	37.2811	81.8452	PPNG	1.2	2.1 +	7.1	1.71	0.29	5.88	1615.	50.	1.
272	0000	-163	37.2811	81.8446	PPNG	1.1	2.2 +	6.8	1.98 +	0.32 +	6.18 +	1542.	51.	1.
273	0000	-166	37.2811	81.8441	PPNG	1.0	1.9	6.3	1.90 +	0.31	6.19 +	1431.	51.	1.
274	0000	-170	37.2811	81.8434	PPNG	1.1	1.9	6.0	1.74	0.31	5.55	1403.	51.	0.
275	0000	-172	37.2811	81.8429	PPNG	1.0	1.9	6.5	1.84 +	0.29	6.27 +	1420.	48.	0.
276	0000	-174	37.2811	81.8423	PPNG	1.1	1.8	6.4	1.68	0.29	5.86	1429.	47.	0.
277	0000	-173	37.2811	81.8417	PPNG	1.1	1.9	6.6	1.71	0.29	5.90	1454.	48.	0.
278	0000	-172	37.2811	81.8412	PPNG	1.2	2.1 +	6.7	1.80 +	0.31	5.73	1513.	49.	0.
279	0000	-176	37.2811	81.8406	PPNG	1.2	2.3 +	7.0	1.84 +	0.33 +	5.63	1605.	49.	0.
280	0000	-180	37.2811	81.8400	PPNR	1.3 +	2.3 +	7.3	1.81	0.31	5.82	1632.	54.	1.
281	0000	-178	37.2810	81.8395	PPNR	1.2	2.0	7.7 +	1.62	0.26	6.26	1633.	55.	2.
282	0000	-178	37.2810	81.8389	PPNR	1.3 +	1.9	7.7 +	1.51	0.25	6.12	1622.	55.	3.
283	0000	-181	37.2810	81.8384	PPNR	1.2	1.7	7.8 +	1.44	0.22	6.43	1619.	54.	4.
284	0000	-182	37.2810	81.8379	PPNR	1.2	1.7	7.4 +	1.45	0.23	6.44	1580.	60.	5.
285	0000	-182	37.2810	81.8373	PPNR	1.2	1.3	7.3	1.11 -	0.18 -	6.31	1531.	59.	6.
286	0000	-187	37.2811	81.8368	PPNR	1.1	1.0 -	7.0	0.89 --	0.14 --	6.34	1445.	59.	7.
287	0000	-188	37.2811	81.8363	PPNR	1.1	1.1 -	6.9	1.04 -	0.16 -	6.41	1434.	55.	7.
288	0000	-186	37.2811	81.8357	PPNR	1.0	1.5	6.8	1.39	0.21	6.47	1395.	55.	6.
289	0000	-189	37.2811	81.8352	PPNR	1.0	1.5	6.0	1.48	0.25	5.91	1361.	57.	6.
290	0000	-193	37.2811	81.8346	PPNR	1.0	1.6	5.8	1.60	0.27	5.98	1315.	56.	5.
291	0000	-194	37.2811	81.8341	PPNR	0.9	1.5	6.3	1.60	0.24	6.65	1319.	52.	4.
292	0000	-196	37.2811	81.8336	PPNR	0.9	1.9	6.2	2.06	0.30	6.89	1327.	53.	3.
293	0000	-201	37.2811	81.8330	PPNR	0.9	2.0	6.6	2.08	0.30	6.97	1367.	50.	2.
294	0000	-205	37.2811	81.8325	PPNR	1.0	1.9	6.9	1.86	0.27	6.89	1391.	51.	2.
295	0000	-202	37.2811	81.8320	PPNR	1.1	1.8	7.0	1.67	0.26	6.53	1435.	52.	1.
296	0000	-201	37.2811	81.8315	PPNR	1.1	1.8	8.0 +	1.68	0.25	7.30	1494.	50.	0.
297	0000	-203	37.2811	81.8309	PPNR	1.1	2.0	7.9 +	1.78	0.26	6.87	1531.	52.	0.
298	0000	-201	37.2811	81.8304	PPNR	1.2	2.1	7.6 +	1.69	0.27	6.27	1554.	52.	1.
299	0000	-201	37.2811	81.8298	PPNR	1.3 +	1.8	8.0 +	1.37	0.22	6.18	1576.	50.	1.
300	0000	-210	37.2811	81.8293	PPNR	1.3 +	1.6	7.7 +	1.20 -	0.20 -	5.90	1591.	52.	3.
301	0000	-213	37.2811	81.8288	PPNR	1.4 +	1.5	7.4 +	1.14 -	0.21 -	5.47	1595.	54.	4.
302	0000	-211	37.2811	81.8282	PPNR	1.3 +	1.6	7.2	1.18 -	0.22	5.48	1573.	53.	4.
303	0000	-213	37.2811	81.8277	PPK	1.3	1.5	6.6	1.23	0.23	5.28	1523.	56.	4.
304	0000	-219	37.2811	81.8272	PPK	1.3	1.5	6.6	1.17	0.22	5.28	1523.	54.	4.
305	0000	-217	37.2811	81.8266	PPK	1.2	1.5	6.5	1.18	0.22	5.27	1522.	57.	4.
306	0000	-215	37.2811	81.8261	PPK	1.2	1.7	6.1	1.45	0.28	5.17	1503.	59.	3.

CP9 1P 12

CP6 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-219	37.2811	81.8256	PPK	1.1	2.0	6.0	1.75	0.33	5.27	1484.	61.	1.
308	0000	-220	37.2811	81.8250	PPK	1.1	2.0	6.0	1.83	0.33	5.59	1465.	62.	1.
309	0000	-223	37.2811	81.8245	PPK	1.0	2.0	6.1	1.90	0.33	5.78	1492.	60.	1.
310	0000	-229	37.2811	81.8239	PPK	1.1	2.0	6.2	1.77	0.32	5.51	1530.	57.	1.
311	0000	-229	37.2811	81.8234	PPK	1.1	2.1	6.4	1.88	0.32	5.82	1517.	61.	1.
312	0000	-225	37.2811	81.8229	PPK	1.0	2.2 +	6.2	2.15 +	0.35	6.17	1496.	59.	2.
313	0000	-226	37.2811	81.8223	PPK	1.0	2.0	6.4	2.03 +	0.32	6.39 +	1477.	60.	2.
314	0000	-234	37.2812	81.8218	PPK	1.0	1.8	6.3	1.73	0.29	6.03	1472.	60.	4.
315	0000	-235	37.2812	81.8213	PPK	1.0	1.7	6.3	1.66	0.27	6.03	1458.	57.	4.
316	0000	-227	37.2812	81.8207	PPK	1.0	1.7	6.5	1.73	0.27	6.52 +	1420.	58.	3.
317	0000	-225	37.2812	81.8202	PPK	1.0	1.6	6.4	1.65	0.25	6.62 +	1383.	60.	4.
318	0000	-232	37.2812	81.8197	PPK	1.0	1.5	6.5	1.53	0.24	6.44 +	1392.	60.	4.
319	0000	-230	37.2812	81.8191	PPK	1.1	1.2	6.6	1.13	0.19 -	6.07	1400.	62.	4.
320	0000	-229	37.2812	81.8186	PPK	1.1	1.1	6.6	0.97 -	0.16 -	5.88	1419.	61.	5.
321	0000	-238	37.2812	81.8181	PPK	1.1	1.0 -	6.9	0.94 -	0.15 -	6.24 +	1418.	63.	5.
322	0000	-241	37.2812	81.8175	PPK	1.2	1.1 -	7.1	0.90 -	0.15 -	6.02	1476.	63.	5.
323	0000	-238	37.2812	81.8170	PPK	1.2	1.1	6.9	0.90 -	0.16 -	5.51	1535.	62.	5.
324	0000	-241	37.2812	81.8164	PPNG	1.3	1.4	6.8	1.08	0.20	5.35	1580.	60.	4.
325	0000	-239	37.2812	81.8159	PPNG	1.3	1.3	6.9	1.05 -	0.19 -	5.47	1587.	59.	4.
326	0000	-236	37.2812	81.8154	PPNG	1.3	1.7	6.7	1.30	0.25	5.21	1609.	56.	3.
327	0000	-245	37.2812	81.8149	PPNG	1.2	1.8	6.9	1.51	0.27	5.65	1599.	58.	3.
328	0000	-246	37.2812	81.8143	PPNG	1.2	2.1 +	6.5	1.73	0.32 +	5.39	1618.	55.	3.
329	0000	-241	37.2812	81.8138	PPNG	1.1	2.3 +	6.4	1.96 +	0.35 +	5.56	1603.	54.	3.
330	0000	-248	37.2812	81.8133	PPNG	1.2	2.3 +	6.3	1.97 +	0.36 +	5.46	1583.	55.	2.
331	0000	-250	37.2812	81.8127	PPNG	1.2	2.1	6.7	1.77	0.31	5.73	1566.	54.	3.
332	0000	-249	37.2812	81.8122	PPNG	1.1	2.2 +	6.5	1.90 +	0.34 +	5.64	1564.	56.	3.
333	0000	-253	37.2812	81.8116	PPNG	1.1	2.0	6.5	1.83 +	0.32	5.81	1535.	56.	3.
334	0000	-253	37.2812	81.8111	PPNG	1.1	2.1 +	6.1	1.84 +	0.34 +	5.36	1520.	53.	3.
335	0000	-256	37.2812	81.8105	PPNG	1.1	2.0	6.3	1.80 +	0.32	5.72	1479.	54.	3.
336	0000	-257	37.2812	81.8100	PPNG	1.1	2.0	6.2	1.77	0.32	5.57	1456.	55.	3.
337	0000	-252	37.2812	81.8095	PPNG	1.1	1.7	6.6	1.58	0.25	6.23 +	1465.	56.	4.
338	0000	-255	37.2812	81.8090	PPNG	1.1	1.8	6.3	1.71	0.29	5.96	1475.	57.	4.
339	0000	-261	37.2812	81.8083	PPNG	1.2	1.6	6.4	1.40	0.25	5.59	1492.	57.	5.
340	0000	-259	37.2812	81.8079	PPNG	1.2	1.8	6.7	1.55	0.27	5.71	1526.	57.	5.
341	0000	-256	37.2812	81.8074	PPNG	1.3	1.8	6.8	1.43	0.27	5.38	1587.	58.	5.
342	0000	-262	37.2812	81.8068	PPNG	1.3	1.9	7.3	1.40	0.26	5.42	1657.	56.	5.
343	0000	-268	37.2812	81.8063	PPNG	1.4	1.9	7.0	1.39	0.27	5.16	1686.	57.	5.
344	0000	-265	37.2812	81.8057	PPNG	1.4	2.0	6.5	1.45	0.30	4.83	1668.	57.	5.
345	0000	-265	37.2812	81.8052	PPNG	1.3	2.0	6.5	1.47	0.30	4.84	1647.	58.	6.
346	0000	-273	37.2812	81.8047	PPNG	1.3	2.0	6.8	1.53	0.29	5.28	1630.	57.	5.
347	0000	-279	37.2812	81.8041	PPNG	1.3	1.9	6.7	1.47	0.28	5.27	1608.	58.	5.
348	0000	-283	37.2812	81.8035	PPNG	1.2	1.8	7.1	1.42	0.25	5.72	1585.	59.	5.
349	0000	-281	37.2812	81.8031	PPNG	1.3	1.5	6.9	1.20	0.22	5.45	1552.	61.	6.
350	0000	-278	37.2812	81.8026	PPNG	1.2	1.3	7.2	1.09	0.18 -	5.93	1534.	60.	8.
351	0000	-284	37.2812	81.8020	PPNG	1.2	1.2	7.4	1.00 -	0.16 -	6.18 +	1521.	58.	9.
352	0000	-287	37.2812	81.8015	PPNG	1.2	1.0 -	7.4	0.85 -	0.13 --	6.41 +	1490.	59.	10.
353	0000	-287	37.2812	81.8009	PPNG	1.2	0.8 -	7.0	0.69 -	0.11 --	6.08	1478.	59.	11.
354	0000	-289	37.2812	81.8004	PPNG	1.1	0.6 --	7.2	0.54 --	0.08 --	6.48 +	1488.	58.	12.
355	0000	-291	37.2812	81.7999	PPNG	1.1	0.6 --	7.3	0.56 --	0.08 --	6.73 +	1489.	58.	12.
356	0000	-296	37.2812	81.7993	PPNG	1.1	0.8 -	7.6	0.74 -	0.10 --	7.21 ++	1511.	55.	11.
357	0000	-297	37.2812	81.7987	PPNG	1.1	1.0 -	7.5	0.92 -	0.13 --	7.00 ++	1529.	56.	10.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-293	37.2812	81.7983	PPNG	1.1	1.1 -	7.6	0.96 -	0.14 -	6.64 +	1562.	56.	9.
359	0000	-296	37.2812	81.7977	PPNG	1.2	1.2	7.6	0.98 -	0.16 -	6.21 +	1602.	54.	7.
360	0000	-300	37.2813	81.7972	PPNG	1.2	1.4	7.9 +	1.18	0.18 -	6.46 +	1639.	54.	5.
361	0000	-299	37.2813	81.7967	PPNG	1.3	1.7	8.0 +	1.30	0.21	6.19 +	1651.	55.	4.
362	0000	-305	37.2813	81.7961	PPNG	1.3	1.9	7.5	1.41	0.25	5.66	1653.	55.	3.
363	0000	-305	37.2813	81.7956	PPNG	1.3	2.0	7.3	1.51	0.27	5.56	1648.	57.	2.
364	0000	-302	37.2813	81.7950	PPNG	1.4	1.9	7.6	1.35	0.25	5.39	1688.	57.	2.
365	0000	-307	37.2813	81.7945	PPNG	1.4	1.9	7.6	1.40	0.26	5.47	1692.	58.	2.
366	0000	-309	37.2813	81.7939	PPNG	1.4	1.9	7.7 +	1.41	0.25	5.68	1688.	57.	2.
367	0000	-307	37.2813	81.7934	PPNG	1.4	1.7	7.7	1.28	0.23	5.65	1660.	58.	2.
368	0000	-309	37.2813	81.7928	PPNG	1.3	1.7	7.2	1.32	0.24	5.49	1639.	58.	2.
369	0000	-310	37.2813	81.7924	PPNG	1.3	1.5	7.3	1.17	0.21	5.53	1603.	58.	2.
370	0000	-312	37.2813	81.7918	PPNG	1.3	1.6	6.9	1.25	0.23	5.52	1574.	56.	2.
371	0000	-316	37.2813	81.7913	PPNG	1.1	1.8	6.5	1.59	0.28	5.75	1504.	56.	2.
372	0000	-315	37.2813	81.7908	PPNG	1.1	1.8	6.5	1.72	0.28	6.15	1459.	54.	1.
373	0000	-311	37.2813	81.7902	PPNG	1.0	2.0	6.2	1.97 +	0.31	6.26 +	1419.	54.	1.
374	0000	-318	37.2813	81.7897	PPNG	0.9	2.2 +	5.8	2.42 ++	0.38 +	6.34 +	1372.	54.	1.
375	0000	-323	37.2813	81.7891	PPNG	0.9 -	2.0	5.8	2.28 ++	0.35 +	6.58 +	1322.	51.	2.
376	0000	-321	37.2813	81.7886	PPNG	0.8 -	2.0	5.7	2.64 +++	0.36 +	7.37 ++	1276.	50.	1.
377	0000	-324	37.2813	81.7880	PPNG	0.8 -	1.8	5.5	2.29 ++	0.33 +	7.03 ++	1228.	52.	1.
378	0000	-329	37.2813	81.7876	PPNG	0.8 -	1.6	5.5	2.07 +	0.30	6.95 ++	1201.	50.	2.
379	0000	-330	37.2813	81.7870	PPNG	0.8 -	1.5	5.2	1.80 +	0.29	6.26 +	1186.	55.	3.
380	0000	-331	37.2813	81.7865	PPNG	0.9	1.4	5.3	1.54	0.26	6.02	1204.	56.	4.
381	0000	-331	37.2813	81.7860	PPK	1.0	1.2	5.6	1.29	0.22	5.78	1254.	55.	4.
382	0000	-331	37.2813	81.7854	PPK	1.0	1.2	5.8	1.19	0.21	5.72	1301.	57.	5.
383	0000	-335	37.2813	81.7849	PPK	1.1	1.3	5.9	1.24	0.23	5.42	1357.	58.	5.
384	0000	-336	37.2813	81.7843	PPK	1.1	1.3	5.8	1.20	0.22	5.36	1391.	58.	5.
385	0000	-334	37.2813	81.7838	PPNR	1.1	1.2	6.0	1.04 -	0.20 -	5.23 -	1419.	60.	6.
386	0000	-333	37.2814	81.7832	PPNR	1.1	1.2	6.3	1.12 -	0.20 -	5.67	1451.	56.	6.
387	0000	-336	37.2814	81.7827	PPNR	1.1	1.4	6.3	1.24 -	0.22	5.63	1477.	56.	6.
388	0000	-339	37.2814	81.7822	PPNR	1.2	1.3	6.7	1.15 -	0.20 -	5.73	1520.	56.	6.
389	0000	-337	37.2814	81.7816	PPNR	1.2	1.4	6.8	1.13 -	0.20 -	5.63	1547.	57.	8.
390	0000	-340	37.2813	81.7811	PPNR	1.2	1.4	7.0	1.12 -	0.20 -	5.73	1590.	57.	9.
391	0000	-343	37.2813	81.7805	PPNR	1.3 +	1.4	7.1	1.04 -	0.19 -	5.39 -	1647.	56.	10.
392	0000	-341	37.2813	81.7801	PPNR	1.3 +	1.4	7.3	1.08 -	0.20 -	5.44	1708.	56.	10.
393	0000	-344	37.2813	81.7795	PPNR	1.4 +	1.4	7.4 +	0.95 --	0.18 -	5.19 -	1753.	56.	10.
394	0000	-348	37.2813	81.7790	PPNR	1.5 +	1.2	7.6 +	0.81 --	0.16 -	5.04 -	1787.	55.	10.
395	0000	-345	37.2813	81.7784	PPNR	1.4 +	1.6	7.5 +	1.13 -	0.22	5.22 -	1772.	55.	9.
396	0000	-343	37.2813	81.7779	PPNR	1.4 +	1.7	7.5 +	1.18 -	0.22	5.25 -	1762.	54.	7.
397	0000	-345	37.2813	81.7773	PPNR	1.4 +	1.6	7.2	1.14 -	0.23	5.01 -	1744.	54.	6.
398	0000	-349	37.2813	81.7768	PPNR	1.4 +	1.8	7.3	1.35	0.25	5.31 -	1729.	55.	4.
399	0000	-352	37.2813	81.7763	PPNR	1.3 +	2.0	7.3	1.49	0.27	5.52	1696.	55.	3.
400	0000	-353	37.2813	81.7757	PPNR	1.3 +	1.9	7.3	1.50	0.27	5.65	1682.	53.	3.
401	0000	-356	37.2813	81.7752	PPNR	1.2	1.9	7.0	1.58	0.28	5.66	1672.	56.	4.
402	0000	-354	37.2814	81.7747	PPNR	1.2	1.6	7.0	1.29 -	0.23	5.67	1639.	57.	5.
403	0000	-355	37.2813	81.7742	PPNR	1.2	1.7	6.7	1.52	0.26	5.84	1613.	54.	6.
404	0000	-363	37.2814	81.7735	PPNR	1.1	1.7	6.9	1.49	0.24	6.11	1584.	52.	7.
405	0000	-366	37.2814	81.7731	PPNR	1.1	1.7	7.0	1.48	0.24	6.23	1583.	50.	7.
406	0000	-366	37.2814	81.7725	PPNR	1.2	1.6	7.2	1.32 -	0.22	6.01	1585.	49.	8.
407	0000	-369	37.2814	81.7720	PPNR	1.2	1.6	6.9	1.39	0.24	5.86	1568.	51.	8.
408	0000	-373	37.2814	81.7715	PPNR	1.2	1.8	7.2	1.53	0.24	6.27	1543.	50.	7.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-375	37.2814	81.7709	PPNR	1.2	1.9	7.1	1.62	0.26	6.15	1544.	51.	6.
410	0000	-380	37.2814	81.7704	PPNR	1.2	1.7	7.0	1.45	0.25	5.86	1532.	54.	5.
411	0000	-382	37.2814	81.7699	PPNR	1.2	1.8	7.0	1.47	0.25	5.80	1545.	54.	5.
412	0000	-381	37.2814	81.7693	PPNR	1.3 +	1.9	6.7	1.51	0.28	5.36 -	1553.	54.	5.
413	0000	-385	37.2814	81.7687	PPNR	1.2	1.9	6.6	1.59	0.30	5.37 -	1562.	54.	5.
414	0000	-390	37.2814	81.7683	PPNR	1.2 +	2.0	6.2	1.57	0.31	4.99 -	1551.	53.	5.
415	0000	-393	37.2814	81.7677	PPNR	1.3 +	1.9	6.0	1.49	0.31	4.80 -	1547.	53.	5.
416	0000	-394	37.2814	81.7672	PPNR	1.3 +	1.8	6.4	1.41	0.28	5.01 -	1569.	51.	5.
417	0000	-394	37.2814	81.7666	PPNR	1.3 +	1.7	6.9	1.30 -	0.24	5.32 -	1629.	50.	6.
418	0000	-397	37.2814	81.7661	PPNR	1.4 +	1.6	7.2	1.17 -	0.22	5.25 -	1691.	51.	7.
419	0000	-401	37.2814	81.7656	PPNR	1.4 +	1.5	7.7 +	1.06 -	0.19 -	5.50	1733.	52.	6.
420	0000	-404	37.2814	81.7650	PPNR	1.4 +	1.4	7.6 +	0.99 -	0.19 -	5.31 -	1747.	52.	6.
421	0000	-406	37.2814	81.7645	PPNR	1.4 +	1.7	7.9 +	1.20 -	0.21	5.66	1769.	53.	5.
422	0000	-406	37.2814	81.7639	PPNR	1.4 +	1.5	7.7 +	1.11 -	0.20 -	5.54	1747.	55.	5.
423	0000	-408	37.2814	81.7635	PPNR	1.4 +	1.6	7.2	1.18 -	0.22	5.33 -	1688.	56.	5.
424	0000	-411	37.2814	81.7628	PPNR	1.3 +	1.6	6.9	1.27 -	0.24	5.31 -	1614.	56.	4.
425	0000	-413	37.2814	81.7624	PPNR	1.2	1.6	6.7	1.38	0.24	5.69	1511.	56.	3.
426	0000	-414	37.2814	81.7618	PPNR	1.1	1.6	6.3	1.53	0.26	5.97	1390.	57.	3.
427	0000	-416	37.2814	81.7613	PPNR	1.0	1.6	6.1	1.63	0.26	6.33	1305.	58.	2.
428	0000	-417	37.2814	81.7608	PPNR	0.9	1.4	5.6	1.62	0.26	6.24	1245.	57.	2.
429	0000	-419	37.2814	81.7602	PPNR	0.9	1.6	5.7	1.83	0.28	6.47	1233.	56.	2.
430	0000	-421	37.2814	81.7597	PPNR	0.9	1.6	5.5	1.84	0.30	6.18	1251.	55.	1.
431	0000	-422	37.2814	81.7591	PPNR	0.9	1.7	5.6	1.81	0.30	6.06	1271.	55.	1.
432	0000	-422	37.2814	81.7587	PPNR	0.9	1.6	5.3	1.74	0.31	5.63	1292.	54.	2.
433	0000	-422	37.2814	81.7580	PPNR	1.0	1.7	5.1	1.69	0.33	5.17 -	1329.	53.	3.
434	0000	-426	37.2814	81.7576	PPNR	1.0	1.9	5.4	1.86	0.34	5.47	1360.	54.	4.
435	0000	-428	37.2815	81.7570	PPNR	1.1	1.8	5.9	1.70	0.31	5.51	1405.	55.	5.
436	0000	-427	37.2815	81.7565	PPNR	1.1	2.0	5.8	1.77	0.34	5.22 -	1447.	55.	5.
437	0000	-429	37.2815	81.7560	PPNR	1.1	2.1	6.0	1.86	0.34	5.43	1488.	54.	5.
438	0000	-431	37.2815	81.7554	PPNR	1.2	2.3 +	5.9	1.91	0.39 +	4.95 -	1541.	54.	4.
439	0000	-431	37.2815	81.7549	PPNR	1.3 +	2.4 +	6.5	1.89	0.36	5.19 -	1609.	53.	3.
440	0000	-431	37.2815	81.7543	PPNR	1.3 +	2.4 +	6.9	1.84	0.35	5.26 -	1648.	55.	2.
441	0000	-434	37.2815	81.7538	PPNR	1.4 +	2.2	7.1	1.60	0.32	5.07 -	1684.	53.	1.
442	0000	-435	37.2815	81.7532	PPNR	1.4 +	2.3 +	7.2	1.70	0.32	5.26 -	1692.	53.	0.
443	0000	-436	37.2815	81.7527	PPNR	1.4 +	2.1	7.2	1.52	0.29	5.33 -	1677.	53.	1.
444	0000	-438	37.2815	81.7522	PPNR	1.3 +	1.9	6.9	1.43	0.28	5.16 -	1642.	54.	2.
445	0000	-439	37.2814	81.7516	PPNR	1.2	1.7	6.9	1.39	0.25	5.61	1593.	54.	3.
446	0000	-442	37.2814	81.7511	PPNR	1.2	1.8	6.2	1.51	0.29	5.25 -	1525.	55.	4.
447	0000	-444	37.2814	81.7505	PPNR	1.1	1.6	6.4	1.42	0.25	5.65	1508.	53.	5.
448	0000	-444	37.2814	81.7501	PPNR	1.1	1.5	6.1	1.35	0.25	5.50	1499.	51.	6.
449	0000	-445	37.2814	81.7495	PPNR	1.2	1.3	5.8	1.10 -	0.22	4.94 -	1474.	50.	8.
450	0000	-447	37.2814	81.7490	PPNR	1.1	1.3	5.7	1.16 -	0.23	4.96 -	1463.	49.	8.
451	0000	-448	37.2815	81.7484	PPNR	1.2	1.2	6.0	1.06 -	0.20 -	5.24 -	1479.	48.	7.
452	0000	-450	37.2815	81.7479	PPNR	1.2	1.3	6.5	1.06 -	0.20 -	5.44	1508.	47.	6.
453	0000	-453	37.2815	81.7473	PPNR	1.2	1.4	6.8	1.18 -	0.20 -	5.83	1546.	48.	5.
454	0000	-455	37.2815	81.7468	PPNR	1.2	1.7	6.7	1.39	0.25	5.62	1558.	48.	4.
455	0000	-457	37.2815	81.7462	PPNR	1.2	1.9	7.0	1.64	0.28	5.92	1587.	50.	3.
456	0000	-460	37.2815	81.7457	PPNR	1.2	2.2	7.4 +	1.82	0.30	6.01	1643.	51.	1.
457	0000	-461	37.2815	81.7452	PPNR	1.3 +	2.2	8.0 +	1.73	0.28	6.19	1700.	49.	1.
458	0000	-462	37.2815	81.7447	PPNR	1.4 +	2.4 +	8.2 +	1.71	0.29	5.89	1760.	51.	1.
459	0000	-465	37.2815	81.7442	PPNR	1.4 +	2.4 +	8.0 +	1.63	0.29	5.53	1800.	53.	1.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-468	37.2815	81.7436	PPNR	1.5 +	2.3 +	8.5 +	1.51	0.27	5.51	1841.	54.	2.
461	0000	-470	37.2815	81.7431	PPNR	1.5 +	2.1	8.9 ++	1.38	0.24	5.82	1871.	54.	3.
462	0000	-473	37.2815	81.7425	PPNR	1.5 +	2.1	8.8 ++	1.39	0.24	5.91	1852.	55.	3.
463	0000	-476	37.2815	81.7420	PPNR	1.4 +	2.1	8.6 +	1.51	0.24	6.31	1813.	56.	4.
464	0000	-478	37.2815	81.7414	PPNR	1.3 +	2.1	8.4 +	1.70	0.26	6.63	1759.	58.	5.
465	0000	-479	37.2815	81.7409	PPNR	1.2	2.2	7.9 +	1.81	0.27	6.64	1692.	58.	5.
466	0000	-481	37.2815	81.7404	PPNR	1.1	2.1	7.9 +	1.85	0.26	6.99	1627.	57.	5.
467	0000	-484	37.2815	81.7399	PPNR	1.1	1.9	7.4 +	1.80	0.25	7.06	1538.	54.	4.
468	0000	-484	37.2815	81.7393	PPNR	1.0	1.9	7.1	1.85	0.26	6.98	1467.	54.	4.
469	0000	-485	37.2815	81.7387	PPNR	1.1	1.7	6.7	1.60	0.25	6.28	1425.	53.	4.
470	0000	-489	37.2815	81.7383	PPNR	1.1	1.5	6.7	1.41	0.23	6.12	1397.	51.	4.
471	0000	-490	37.2815	81.7377	PPNR	1.1	1.6	6.7	1.37	0.23	5.91	1408.	51.	3.
472	0000	-490	37.2815	81.7372	PPNR	1.1	1.5	7.0	1.33	0.21	6.24	1405.	51.	3.
473	0000	-493	37.2815	81.7366	PPNR	1.1	1.6	6.6	1.49	0.25	6.08	1393.	51.	2.
474	0000	-495	37.2815	81.7361	PPNR	1.1	1.7	6.2	1.54	0.28	5.55	1415.	51.	3.
475	0000	-496	37.2815	81.7355	PPNR	1.1	1.9	6.0	1.69	0.32	5.35 -	1450.	52.	3.
476	0000	-495	37.2815	81.7350	PPNR	1.1	1.9	6.5	1.77	0.30	5.96	1493.	51.	2.
477	0000	-495	37.2815	81.7345	PPNR	1.1	2.1	6.8	1.91	0.31	6.16	1546.	51.	1.
478	0000	-498	37.2815	81.7339	PPNR	1.2	2.2	7.0	1.90	0.32	5.95	1608.	50.	1.
479	0000	-501	37.2815	81.7335	PPNR	1.2	2.1	6.9	1.79	0.31	5.77	1648.	52.	2.
480	0000	-502	37.2815	81.7328	PPNR	1.2	2.1	7.2	1.73	0.28	6.08	1686.	51.	2.
481	0000	-504	37.2816	81.7324	PPNR	1.2	1.9	7.7 +	1.64	0.25	6.52	1699.	53.	3.
482	0000	-506	37.2816	81.7318	PPNR	1.2	1.8	7.7 +	1.52	0.23	6.51	1706.	52.	4.
483	0000	-508	37.2816	81.7313	PPNR	1.2 +	1.6	7.3	1.32 -	0.22	5.92	1692.	51.	6.
484	0000	-509	37.2816	81.7307	PPNR	1.3 +	1.4	7.5 +	1.10 -	0.19 -	5.85	1691.	52.	8.
485	0000	-512	37.2816	81.7302	PPNR	1.2	1.1 -	7.6 +	0.95 -	0.15 --	6.39	1625.	51.	10.
486	0000	-516	37.2816	81.7297	PPNR	1.1	1.3	7.2	1.18 -	0.18 -	6.40	1583.	48.	10.
487	0000	-517	37.2816	81.7291	PPNR	1.2	1.6	7.0	1.35	0.22	6.12	1571.	47.	10.
488	0000	-518	37.2816	81.7287	PPNR	1.2	1.6	7.4 +	1.42	0.22	6.36	1578.	45.	9.
489	0000	-521	37.2816	81.7280	PPNR	1.2	1.8	7.2	1.51	0.25	6.15	1574.	48.	8.
490	0000	-524	37.2816	81.7276	PPNR	1.1	2.1	7.5 +	1.85	0.28	6.60	1571.	49.	6.
491	0000	-525	37.2816	81.7270	PPNR	1.1	2.4 +	7.2	2.17	0.33	6.64	1570.	50.	4.
492	0000	-525	37.2816	81.7265	PPNR	1.1	2.7 +	7.1	2.36	0.38 +	6.17	1640.	50.	2.
493	0000	-527	37.2816	81.7259	PPNR	1.3 +	2.6 +	7.7 +	2.09	0.34	6.12	1722.	50.	1.
494	0000	-529	37.2816	81.7254	PPNR	1.3 +	2.5 +	8.3 +	1.88	0.30	6.20	1782.	51.	1.
495	0000	-531	37.2816	81.7249	PPNR	1.4 +	2.6 +	8.2 +	1.81	0.31	5.81	1835.	55.	0.
496	0000	-534	37.2816	81.7243	PPNR	1.5 +	2.6 +	8.8 ++	1.77	0.29	6.06	1901.	54.	0.
497	0000	-534	37.2816	81.7238	PPNR	1.5 +	2.5 +	8.9 ++	1.71	0.29	5.97	1970.	54.	1.
498	0000	-535	37.2816	81.7232	PPNR	1.5 +	2.4 +	9.2 ++	1.58	0.26	6.03	2004.	56.	1.
499	0000	-538	37.2816	81.7227	PPNR	1.5 +	2.3 +	9.0 ++	1.52	0.25	6.06	1965.	58.	1.
500	0000	-541	37.2816	81.7222	PPNR	1.4 +	2.3 +	8.7 +	1.62	0.27	6.08	1915.	59.	1.
501	0000	-542	37.2816	81.7216	PPNR	1.4 +	2.3 +	8.1 +	1.64	0.28	5.84	1863.	59.	2.
502	0000	-541	37.2816	81.7211	PPNR	1.3 +	2.3 +	7.9 +	1.79	0.29	6.20	1796.	57.	2.
503	0000	-544	37.2816	81.7206	PPNR	1.2	2.1	8.0 +	1.75	0.27	6.49	1730.	55.	2.
504	0000	-545	37.2816	81.7200	PPNR	1.2	2.1	7.7 +	1.76	0.27	6.43	1670.	53.	2.
505	0000	-546	37.2816	81.7195	PPNR	1.2	2.1	7.4 +	1.79	0.28	6.36	1606.	52.	2.
506	0000	-547	37.2816	81.7190	PPNR	1.2	2.1	7.2	1.85	0.30	6.21	1592.	50.	2.
507	0000	-549	37.2816	81.7184	PPNR	1.1	2.0	7.2	1.77	0.28	6.36	1572.	53.	2.
508	0000	-550	37.2816	81.7179	PPNR	1.1	1.9	7.3	1.70	0.25	6.70	1560.	54.	2.
509	0000	-551	37.2816	81.7173	PPNR	1.1	1.9	7.1	1.70	0.26	6.46	1561.	53.	1.
510	0000	-551	37.2816	81.7168	PPNR	1.1	1.9	6.9	1.83	0.28	6.49	1571.	54.	2.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-552	37.2816	81.7162	PPNR	1.0.	2.1	6.8	2.02	0.31	6.50	1577.	57.	1.
512	0000	-553	37.2816	81.7157	PPNR	1.1	2.0	7.0	1.81	0.28	6.39	1597.	55.	1.
513	0000	-555	37.2816	81.7152	PPNR	1.1	1.9	7.2	1.76	0.26	6.67	1581.	57.	1.
514	0000	-557	37.2816	81.7147	PPNR	1.1	2.0	7.0	1.89	0.29	6.53	1582.	55.	1.
515	0000	-558	37.2816	81.7142	PPNR	1.1	2.1	7.3	1.90	0.29	6.51	1576.	55.	0.
516	0000	-559	37.2816	81.7136	PPNR	1.2	2.1	7.0	1.80	0.30	6.06	1560.	55.	0.
517	0000	-561	37.2816	81.7131	PPNR	1.2	2.0	6.8	1.63	0.29	5.63	1528.	54.	0.
518	0000	-562	37.2816	81.7125	PPNR	1.2	1.9	6.6	1.59	0.29	5.54	1480.	54.	0.
519	0000	-561	37.2816	81.7120	PPNR	1.1	2.0	6.0	1.86	0.34	5.53	1421.	56.	0.
520	0000	-563	37.2816	81.7114	PPNR	1.1	1.9	5.7	1.74	0.33	5.25 -	1375.	56.	0.
521	0000	-565	37.2816	81.7109	PPNR	1.1	1.8	5.5	1.67	0.32	5.17 -	1311.	55.	0.
522	0000	-566	37.2816	81.7104	PPNR	1.0	1.8	4.8	1.87	0.37	5.01 -	1233.	54.	0.
523	0000	-566	37.2816	81.7099	PPNR	0.9	1.8	4.4 -	2.12	0.42 +	5.12 -	1165.	54.	0.
524	0000	-567	37.2816	81.7094	PPNR	0.8	1.8	4.1 -	2.31	0.43 +	5.41 -	1104.	55.	0.
525	0000	-568	37.2816	81.7088	PPNR	0.7	1.5	4.2 -	2.06	0.37	5.63	1081.	52.	0.
526	0000	-570	37.2816	81.7083	PPNR	0.7	1.6	3.9 -	2.18	0.40 +	5.46	1065.	52.	0.
527	0000	-571	37.2816	81.7077	PPNR	0.7	1.6	3.9 -	2.24	0.40 +	5.55	1074.	51.	1.
528	0000	-571	37.2816	81.7072	PPNR	0.7	1.7	4.2 -	2.31	0.40 +	5.82	1120.	49.	1.
529	0000	-570	37.2816	81.7066	PPNR	0.8	1.8	4.4 -	2.24	0.40 +	5.56	1182.	50.	1.
530	0000	-572	37.2816	81.7061	PPNR	0.9	1.6	5.1	1.91	0.32	5.89	1244.	50.	2.
531	0000	-573	37.2817	81.7055	PPNR	0.9	1.8	5.0	1.99	0.36	5.57	1309.	52.	2.
532	0000	-573	37.2817	81.7050	PPNR	0.9	1.9	5.4	2.01	0.36	5.65	1354.	53.	2.
533	0000	-575	37.2817	81.7045	PPNR	1.0	1.8	6.3	1.81	0.29	6.25	1422.	51.	2.
534	0000	-576	37.2817	81.7039	PPNR	1.1	1.8	6.5	1.65	0.28	5.99	1491.	51.	4.
535	0000	-576	37.2817	81.7035	PPNR	1.1	1.9	6.7	1.70	0.28	6.08	1542.	50.	4.
536	0000	-578	37.2817	81.7029	PPNR	1.1	1.7	6.8	1.52	0.25	6.13	1564.	48.	4.
537	0000	-580	37.2817	81.7024	PPNR	1.1	1.7	6.8	1.58	0.26	6.19	1571.	49.	5.
538	0000	-580	37.2817	81.7018	PPNR	1.1	1.7	6.9	1.48	0.24	6.08	1579.	49.	5.
539	0000	-581	37.2817	81.7013	PPNR	1.1	1.7	6.9	1.54	0.25	6.21	1581.	49.	5.
540	0000	-582	37.2817	81.7007	PPNR	1.1	1.7	6.3	1.51	0.26	5.75	1562.	50.	5.
541	0000	-582	37.2817	81.7002	PPNR	1.1	1.7	6.5	1.65	0.27	6.14	1540.	49.	4.
542	0000	-583	37.2817	81.6997	PPNR	1.1	1.5	6.5	1.36	0.23	5.99	1519.	52.	4.
543	0000	-584	37.2817	81.6991	PPNR	1.1	1.6	6.6	1.45	0.24	6.07	1511.	52.	4.
544	0000	-585	37.2817	81.6987	PPNR	1.1	1.5	6.7	1.43	0.23	6.23	1519.	51.	3.
545	0000	-586	37.2817	81.6981	PPNR	1.1	1.5	7.0	1.44	0.22	6.59	1507.	50.	3.
546	0000	-587	37.2817	81.6976	PPNR	1.1	1.4	7.0	1.34	0.21 -	6.54	1501.	49.	2.
547	0000	-587	37.2817	81.6970	PPNR	1.1	1.6	7.1	1.40	0.22	6.31	1531.	47.	2.
548	0000	-588	37.2817	81.6965	PPNR	1.2	1.8	7.2	1.47	0.25	5.98	1586.	48.	2.
549	0000	-590	37.2817	81.6959	PPNR	1.2	2.3 +	7.3	1.83	0.31	5.89	1673.	45.	1.
550	0000	-590	37.2817	81.6954	PPNR	1.3 +	2.4 +	7.9 +	1.82	0.30	6.07	1737.	45.	1.
551	0000	-591	37.2817	81.6948	PPNR	1.3 +	2.5 +	8.0 +	1.85	0.31	5.95	1764.	46.	1.
552	0000	-593	37.2817	81.6943	PPNR	1.3 +	2.6 +	7.7 +	1.97	0.34	5.86	1774.	47.	0.
553	0000	-593	37.2817	81.6938	PPNR	1.3 +	2.9 ++	7.6 +	2.23	0.38 +	5.87	1766.	48.	1.
554	0000	-593	37.2817	81.6934	PPNR	1.2	2.8 +	7.3	2.27	0.38 +	5.98	1718.	50.	1.
555	0000	-593	37.2817	81.6928	PPNR	1.1	2.7 +	7.0	2.33	0.38 +	6.15	1641.	51.	1.
556	0000	-593	37.2817	81.6923	PPNR	1.1	2.5 +	6.7	2.34	0.37 +	6.25	1558.	52.	1.
557	0000	-595	37.2817	81.6918	PPNR	1.1	2.4 +	6.3	2.27	0.38 +	5.90	1524.	50.	2.
558	0000	-595	37.2817	81.6913	PPNR	1.0	2.4 +	6.0	2.25	0.39 +	5.70	1498.	51.	2.
559	0000	-596	37.2817	81.6909	PPNR	1.1	2.2	6.3	1.98	0.35	5.73	1481.	52.	2.
560	0000	-598	37.2816	81.6904	PPNR	1.1	1.9	6.3	1.65	0.30	5.51	1483.	49.	2.
561	0000	-598	37.2816	81.6899	PPNR	1.1	2.0	6.6	1.76	0.30	5.80	1482.	49.	1.

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-598	37.2816	81.6893	PPNR	1.2	1.9	6.3	1.58	0.29	5.39 -	1462.	49.	1.
563	0000	-599	37.2816	81.6889	PPNR	1.2	1.6	6.2	1.42	0.26	5.38 -	1413.	49.	1.
564	0000	-599	37.2816	81.6884	PPNR	1.1	1.7	6.0	1.51	0.28	5.45	1352.	53.	0.
565	0000	-601	37.2816	81.6879	PPNR	1.1	1.6	5.9	1.52	0.27	5.57	1332.	53.	0.
566	0000	-601	37.2816	81.6874	PPNR	1.0	1.6	5.7	1.50	0.28	5.44	1319.	52.	1.
567	0000	-600	37.2815	81.6870	PPNR	1.0	1.5	5.4	1.49	0.28	5.28 -	1304.	54.	1.
568	0000	-601	37.2816	81.6864	PPNR	1.0	1.3	5.4	1.26 -	0.24	5.16 -	1292.	53.	2.
569	0000	-602	37.2816	81.6859	PPNR	1.0	1.3	5.6	1.22 -	0.22	5.42	1290.	54.	3.
570	0000	-601	37.2816	81.6855	PPNR	1.1	1.1 -	5.2	1.00 -	0.20 -	4.95 -	1269.	56.	4.
571	0000	-603	37.2816	81.6850	PPNR	1.0	1.0 -	5.2	0.92 --	0.18 -	5.08 -	1233.	55.	5.
572	0000	-604	37.2816	81.6845	PPNR	0.9	0.9 -	4.9	0.98 -	0.19 -	5.24 -	1161.	53.	5.
573	0000	-604	37.2816	81.6840	PPNR	0.9	0.8 -	4.6	0.88 --	0.17 -	5.11 -	1100.	53.	7.
574	0000	-604	37.2816	81.6834	PPNR	0.8	0.7 -	4.6	0.90 --	0.16 --	5.70	1038.	54.	7.
575	0000	-605	37.2816	81.6830	PPNR	0.7	0.7 -	4.2 -	0.94 --	0.17 -	5.71	978.	54.	7.
576	0000	-605	37.2816	81.6825	PPNR	0.7	0.7 -	4.0 -	0.97 -	0.17 -	5.86	925.	55.	7.
577	0000	-604	37.2816	81.6820	PPNR	0.6	0.7 -	4.2 -	1.07 -	0.16 -	6.54	913.	52.	7.
578	0000	-604	37.2816	81.6815	PPNR	0.7	0.7 -	4.0 -	1.01 -	0.17 -	6.03	925.	53.	6.
579	0000	-605	37.2816	81.6810	PPNR	0.7	0.6 --	4.2 -	0.83 --	0.14 --	5.81	976.	54.	7.
580	0000	-605	37.2816	81.6805	PPNR	0.8	0.9 -	4.6	1.19 -	0.20 -	6.04	1032.	56.	5.
581	0000	-604	37.2815	81.6801	PPNR	0.9	1.0 -	4.7	1.19 -	0.22	5.43	1111.	55.	4.
582	0000	-603	37.2815	81.6796	PPNR	0.9	1.2	4.9	1.34 -	0.24	5.22 -	1203.	56.	4.
583	0000	-603	37.2815	81.6791	PPNR	1.0	1.5	5.2	1.58	0.29	5.41 -	1293.	53.	2.
584	0000	-604	37.2815	81.6786	PPNR	1.0	1.8	5.6	1.79	0.32	5.56	1369.	55.	2.
585	0000	-606	37.2815	81.6781	PPNR	1.0	2.0	6.2	1.93	0.32	5.97	1435.	54.	1.
586	0000	-606	37.2815	81.6776	PPNR	1.1	2.2	6.0	2.03	0.36	5.65	1452.	54.	1.
587	0000	-606	37.2815	81.6772	PPNR	1.1	2.0	6.1	1.80	0.32	5.63	1452.	51.	1.
588	0000	-606	37.2815	81.6766	PPNR	1.0	1.8	6.0	1.79	0.31	5.78	1411.	52.	1.
589	0000	-607	37.2815	81.6761	PPNR	1.0	1.8	6.0	1.88	0.30	6.18	1361.	50.	1.
590	0000	-607	37.2815	81.6756	PPNR	1.0	1.6	6.1	1.64	0.26	6.37	1296.	52.	1.
591	0000	-607	37.2815	81.6752	PPNR	0.9	1.3	5.9	1.41	0.21	6.64	1225.	51.	1.
592	0000	-608	37.2815	81.6747	PPNR	0.9	1.2	5.3	1.42	0.23	6.09	1186.	52.	1.
593	0000	-609	37.2815	81.6742	PPP	0.9	1.1 -	5.3	1.33	0.22	6.13	1193.	50.	2.
594	0000	-607	37.2815	81.6737	PPP	0.9	1.2 -	5.2	1.29 -	0.22	5.81	1236.	51.	2.
595	0000	-607	37.2814	81.6732	PPP	1.1	1.4	6.0	1.23 -	0.23	5.26 -	1399.	50.	3.
596	0000	-608	37.2814	81.6727	PPP	1.3	1.8	6.6	1.39	0.26	5.27 -	1514.	50.	4.
597	0000	-608	37.2814	81.6722	PPP	1.3	2.0	6.9	1.48	0.29	5.18 -	1624.	49.	4.
598	0000	-608	37.2814	81.6718	PPP	1.4 +	2.4 +	6.9	1.70	0.35	4.90 -	1724.	50.	3.
599	0000	-609	37.2814	81.6713	PPP	1.5 +	2.6 +	7.5	1.77	0.34	5.17 -	1795.	50.	3.
600	0000	-609	37.2814	81.6707	PPP	1.5 +	2.7 +	7.9	1.79	0.33	5.35 -	1832.	51.	3.
601	0000	-609	37.2814	81.6702	PPP	1.5 +	3.0 ++	8.0 +	2.04	0.37 +	5.47	1852.	50.	3.
602	0000	-607	37.2814	81.6697	PPP	1.3	2.9 ++	7.7	2.28	0.38 +	6.06	1762.	49.	4.
603	0000	-606	37.2814	81.6692	PPP	1.2	2.6 +	7.2	2.11	0.36	5.91	1703.	49.	5.
604	0000	-606	37.2814	81.6688	PPP	1.2	2.3	6.9	1.89	0.33	5.71	1650.	50.	6.
605	0000	-607	37.2814	81.6683	PPP	1.1	2.0	7.0	1.76	0.28	6.23	1585.	47.	7.
606	0000	-607	37.2814	81.6678	PPP	1.1	1.7	6.6	1.57	0.25	6.21	1519.	48.	9.
607	0000	-608	37.2814	81.6673	PPP	1.0	1.3	6.8	1.26 -	0.19 -	6.49	1497.	47.	10.
608	0000	-611	37.2814	81.6668	PPP	1.1	1.2 -	7.0	1.10 -	0.17 -	6.53	1470.	48.	10.
609	0000	-613	37.2814	81.6664	PPNR	1.1	1.2	6.6	1.12 -	0.18 -	6.22	1455.	47.	11.
610	0000	-612	37.2814	81.6658	PPNR	1.0	1.1 -	6.6	1.04 -	0.16 -	6.33	1466.	45.	11.
611	0000	-611	37.2814	81.6654	PPNR	1.0	1.2	6.7	1.24 -	0.18 -	6.79	1457.	43.	11.
612	0000	-610	37.2814	81.6649	PPNR	1.0	1.2 -	6.4	1.12 -	0.18 -	6.16	1454.	44.	12.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-610	37.2814	81.6643	PPNR	1.0	1.2 -	6.2	1.13 -	0.19 -	6.01	1440.	45.	11.
614	0000	-612	37.2814	81.6638	PPNR	1.0	1.3	5.7	1.28 -	0.23	5.60	1422.	46.	11.
615	0000	-614	37.2814	81.6634	PPNR	1.0	1.0 -	5.6	1.00 -	0.18 -	5.65	1400.	45.	10.
616	0000	-615	37.2813	81.6629	PPNR	1.0	1.1 -	5.5	1.05 -	0.20 -	5.35 -	1404.	46.	9.
617	0000	-616	37.2813	81.6624	PPNR	1.1	1.1 -	5.7	0.93 --	0.18 -	5.06 -	1423.	48.	8.
618	0000	-617	37.2813	81.6619	PPNR	1.2	1.3	5.8	1.07 -	0.23	4.72 -	1469.	51.	6.
619	0000	-619	37.2813	81.6614	PPNR	1.3 +	1.4	5.8	1.03 -	0.24	4.35 --	1522.	52.	5.
620	0000	-619	37.2813	81.6609	PPNR	1.4 +	1.7	6.0	1.22 -	0.29	4.26 --	1607.	51.	3.
621	0000	-620	37.2813	81.6605	PPNR	1.5 +	1.9	6.6	1.25 -	0.29	4.33 --	1661.	52.	2.
622	0000	-622	37.2813	81.6600	PPNR	1.6 ++	2.2	6.8	1.39	0.32	4.33 --	1708.	53.	1.
623	0000	-622	37.2813	81.6595	PPNR	1.5 +	2.2	7.3	1.47	0.30	4.87 -	1687.	55.	0.
624	0000	-622	37.2813	81.6590	PPNR	1.4 +	2.2	6.8	1.57	0.32	4.90 -	1633.	53.	0.
625	0000	-622	37.2813	81.6584	PPNR	1.3 +	1.9	6.6	1.46	0.29	5.05 -	1563.	52.	0.
626	0000	-622	37.2813	81.6581	PPNR	1.2	1.9	6.8	1.56	0.27	5.69	1523.	51.	1.
627	0000	-622	37.2813	81.6575	PPNR	1.1	1.7	6.9	1.53	0.25	6.22	1468.	50.	1.
628	0000	-624	37.2813	81.6570	PPNR	1.0	1.7	6.5	1.67	0.25	6.55	1430.	49.	1.
629	0000	-623	37.2812	81.6565	PPNR	1.0	1.7	6.1	1.73	0.28	6.25	1401.	49.	1.
630	0000	-622	37.2812	81.6560	PPNR	1.0	1.5	6.1	1.48	0.25	5.96	1413.	47.	2.
631	0000	-623	37.2812	81.6556	PPNR	1.0	1.6	6.1	1.60	0.26	6.07	1443.	48.	2.
632	0000	-625	37.2812	81.6551	PPNR	1.0	1.8	6.3	1.77	0.28	6.28	1475.	49.	2.
633	0000	-624	37.2812	81.6545	PPNR	1.0	1.8	6.3	1.89	0.29	6.52	1456.	51.	2.
634	0000	-624	37.2812	81.6541	PPNR	1.0	1.6	6.2	1.63	0.26	6.19	1431.	51.	1.
635	0000	-625	37.2812	81.6536	PPNR	1.0	1.5	6.2	1.56	0.25	6.20	1382.	52.	1.
636	0000	-625	37.2812	81.6531	PPNR	0.9	1.5	6.1	1.60	0.24	6.54	1336.	54.	1.
637	0000	-627	37.2812	81.6526	PPNR	0.9	1.5	5.8	1.61	0.26	6.10	1299.	56.	0.
638	0000	-627	37.2812	81.6521	PPNR	0.9	1.6	5.6	1.77	0.29	6.15	1263.	57.	0.
639	0000	-627	37.2812	81.6516	PPNR	1.0	1.5	5.3	1.57	0.28	5.56	1237.	56.	0.
640	0000	-628	37.2812	81.6511	PPNR	1.0	1.6	5.3	1.61	0.29	5.48	1228.	52.	1.
641	0000	-628	37.2812	81.6506	PPNR	0.9	1.6	5.2	1.84	0.32	5.82	1217.	50.	1.
642	0000	-629	37.2812	81.6502	PPNR	0.9	1.8	4.9	1.96	0.36	5.51	1205.	50.	1.
643	0000	-630	37.2812	81.6497	PPNR	0.9	1.8	4.9	2.02	0.36	5.60	1202.	48.	1.
644	0000	-631	37.2812	81.6492	PPNR	0.9	1.7	5.1	2.01	0.34	5.96	1194.	46.	1.
645	0000	-632	37.2812	81.6486	PPNR	0.9	1.7	5.3	1.96	0.32	6.17	1195.	45.	0.
646	0000	-632	37.2812	81.6482	PPNR	0.9	1.7	5.7	1.85	0.29	6.42	1235.	45.	1.
647	0000	-633	37.2812	81.6477	PPNR	1.0	1.6	6.0	1.62	0.27	5.94	1322.	48.	1.
648	0000	-632	37.2812	81.6472	PPNR	1.2	1.5	6.7	1.26 -	0.23	5.56	1477.	49.	2.
649	0000	-632	37.2812	81.6467	PPNR	1.4 +	1.5	7.4 +	1.12 -	0.21 -	5.45	1633.	48.	3.
650	0000	-633	37.2811	81.6462	PPNR	1.5 +	1.6	7.9 +	1.04 -	0.20 -	5.20 -	1763.	50.	4.
651	0000	-634	37.2811	81.6457	PPNR	1.7 ++	1.7	8.3 +	1.01 -	0.20 -	5.03 -	1873.	51.	4.
652	0000	-634	37.2811	81.6452	PPNR	1.8 ++	1.7	8.8 ++	0.96 -	0.20 -	4.89 -	1972.	52.	5.
653	0000	-636	37.2811	81.6447	PPNR	1.9 +++	2.0	8.7 +	1.09 -	0.23	4.67 -	2044.	54.	5.
654	0000	-637	37.2811	81.6443	PPNR	1.9 +++	2.0	9.1 ++	1.03 -	0.22	4.77 -	2073.	54.	4.
655	0000	-638	37.2811	81.6438	PPNR	1.9 +++	2.3 +	8.6 +	1.21 -	0.26	4.59 -	2026.	56.	3.
656	0000	-640	37.2811	81.6433	PPNR	1.8 ++	2.4 +	8.4 +	1.34	0.28	4.76 -	1953.	58.	2.
657	0000	-640	37.2811	81.6428	PPNR	1.7 ++	2.4 +	8.3 +	1.45	0.29	4.99 -	1890.	59.	1.
658	0000	-640	37.2811	81.6422	PPNR	1.5 ++	2.5 +	8.2 +	1.60	0.30	5.28 -	1832.	58.	1.
659	0000	-639	37.2811	81.6418	PPNR	1.5 +	2.4 +	7.7 +	1.62	0.31	5.29 -	1762.	57.	1.
660	0000	-639	37.2811	81.6413	PPNR	1.4 +	2.1	8.1 +	1.51	0.26	5.90	1672.	56.	1.
661	0000	-640	37.2811	81.6408	PPNR	1.2	2.3 +	7.7 +	1.84	0.29	6.25	1592.	56.	1.
662	0000	-641	37.2811	81.6404	PPNR	1.2	1.9	8.0 +	1.63	0.24	6.92	1528.	57.	1.
663	0000	-641	37.2811	81.6398	PPNR	1.2	1.7	7.7 +	1.41	0.22	6.54	1507.	56.	2.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-641	37.2810	81.6393	PPNR	1.2	1.3	7.4 +	1.11 -	0.18 -	6.12	1491.	54.	3.
665	0000	-643	37.2811	81.6389	PPNR	1.2	1.3	7.1	1.09 -	0.19 -	5.81	1477.	53.	3.
666	0000	-645	37.2811	81.6384	PPNR	1.2	1.2	6.9	1.00 -	0.17 -	5.79	1445.	53.	4.
667	0000	-645	37.2811	81.6379	PPNR	1.2	1.2 -	6.5	0.95 --	0.18 -	5.34 -	1434.	53.	5.
668	0000	-645	37.2811	81.6374	PPNR	1.3 +	0.9 -	6.3	0.71 --	0.14 --	4.96 -	1434.	54.	6.
669	0000	-646	37.2811	81.6369	PPNR	1.3 +	1.1 -	5.6	0.89 --	0.20 -	4.47 --	1426.	51.	7.
670	0000	-647	37.2811	81.6365	PPP	1.2	1.3	5.7	1.06 -	0.23	4.54 -	1420.	52.	6.
671	0000	-647	37.2810	81.6359	PPP	1.2	1.4	5.8	1.17 -	0.25	4.72 -	1413.	51.	5.
672	0000	-647	37.2810	81.6354	PPP	1.2	1.3 -	6.0	1.04 -	0.21 -	4.89 -	1411.	52.	6.
673	0000	-648	37.2810	81.6349	PPP	1.2	1.4	6.0	1.14 -	0.24	4.86 -	1439.	53.	6.
674	0000	-648	37.2810	81.6344	PPP	1.2	1.5	5.9	1.24 -	0.25	4.95 -	1480.	52.	6.
675	0000	-649	37.2810	81.6339	PPP	1.2	1.5	6.2	1.19 -	0.23	5.08 -	1520.	50.	6.
676	0000	-651	37.2810	81.6335	PPP	1.2	1.4	6.4	1.10 -	0.21 -	5.15 -	1562.	49.	6.
677	0000	-652	37.2810	81.6330	PPP	1.3	1.3	6.8	1.05 -	0.20 -	5.30 -	1634.	49.	8.
678	0000	-653	37.2810	81.6325	PPP	1.3	1.3	7.4	0.98 -	0.18 -	5.57	1731.	47.	8.
679	0000	-653	37.2810	81.6320	PPP	1.4 +	1.8	7.7	1.26 -	0.23	5.37 -	1838.	45.	9.
680	0000	-654	37.2810	81.6315	PPP	1.5 +	1.9	8.5 +	1.21 -	0.22	5.54	1944.	43.	9.
681	0000	-657	37.2810	81.6310	PPP	1.6 +	2.0	8.9 +	1.22 -	0.22	5.49	2003.	44.	8.
682	0000	-657	37.2810	81.6306	PPP	1.7 +	2.3	8.8 +	1.36	0.26	5.30 -	2063.	43.	8.
683	0000	-657	37.2810	81.6301	PPP	1.7 +	2.3	9.4 +	1.38	0.25	5.50	2108.	45.	8.
684	0000	-659	37.2810	81.6295	PPP	1.7 +	2.4 +	9.7 ++	1.37	0.25	5.57	2131.	44.	8.
685	0000	-660	37.2809	81.6290	PPP	1.7 +	2.7 +	9.6 ++	1.60	0.28	5.74	2106.	48.	8.
686	0000	-661	37.2809	81.6285	PPP	1.7 +	2.5 +	9.6 ++	1.47	0.26	5.75	2071.	49.	8.
687	0000	-663	37.2809	81.6281	PPP	1.6 +	2.3	8.7 +	1.45	0.27	5.42	2005.	49.	9.
688	0000	-664	37.2809	81.6276	PPP	1.6 +	2.2	8.6 +	1.37	0.26	5.36 -	1964.	49.	9.
689	0000	-666	37.2809	81.6271	PPP	1.6 +	2.2	8.5 +	1.44	0.26	5.51	1885.	52.	8.
690	0000	-668	37.2809	81.6266	PPP	1.5 +	2.2	8.2 +	1.47	0.27	5.51	1815.	50.	7.
691	0000	-669	37.2809	81.6261	PPP	1.4	2.0	7.6	1.45	0.26	5.57	1694.	52.	7.
692	0000	-671	37.2809	81.6257	PPP	1.3	1.8	6.8	1.34	0.26	5.22 -	1591.	50.	7.
693	0000	-674	37.2809	81.6252	PPP	1.2	1.6	6.4	1.34	0.25	5.41	1494.	51.	7.
694	0000	-675	37.2809	81.6247	PPNR	1.0	1.6	6.5	1.56	0.25	6.18	1413.	50.	6.
695	0000	-677	37.2809	81.6242	PPNR	1.0	1.6	6.3	1.71	0.26	6.58	1338.	50.	5.
696	0000	-679	37.2809	81.6236	PPNR	0.9	1.4	6.2	1.60	0.23	6.95	1274.	47.	5.
697	0000	-679	37.2809	81.6231	PPNR	0.8	1.3	5.8	1.56	0.23	6.94	1195.	49.	5.
698	0000	-681	37.2808	81.6227	PPNR	0.8	1.3	5.6	1.58	0.23	6.87	1144.	48.	5.
699	0000	-683	37.2808	81.6222	PPNR	0.8	1.0 -	5.4	1.29 -	0.19 -	6.82	1089.	48.	5.
700	0000	-685	37.2809	81.6217	PPNR	0.7	0.9 -	5.2	1.27 -	0.18 -	7.11	1028.	47.	4.
701	0000	-686	37.2809	81.6212	PPNR	0.7	0.8 -	5.0	1.07 -	0.16 --	6.78	987.	49.	4.
702	0000	-688	37.2809	81.6207	PPNR	0.7	0.8 -	4.7	1.16 -	0.18 -	6.55	960.	49.	5.
703	0000	-689	37.2809	81.6202	PPNR	0.7	0.8 -	4.4 -	1.05 -	0.18 -	6.00	943.	51.	4.
704	0000	-689	37.2809	81.6197	PPNR	0.7	0.8 -	4.6	1.13 -	0.18 -	6.36	956.	50.	4.
705	0000	-690	37.2808	81.6193	PPNR	0.7	0.9 -	4.5 -	1.27 -	0.21 -	6.06	982.	50.	3.
706	0000	-694	37.2808	81.6187	PPNR	0.8	1.3	4.4 -	1.70	0.30	5.74	1014.	50.	2.
707	0000	-695	37.2808	81.6183	PPNR	0.8	1.4	4.7	1.82	0.30	6.07	1039.	51.	3.
708	0000	-695	37.2808	81.6178	PPNR	0.8	1.4	4.8	1.87	0.30	6.27	1052.	51.	2.
709	0000	-698	37.2808	81.6173	PPNR	0.7	1.4	5.0	1.93	0.28	6.81	1060.	51.	2.
710	0000	-700	37.2808	81.6168	PPNR	0.7	1.6	5.2	2.26	0.31	7.34	1082.	50.	1.
711	0000	-700	37.2808	81.6163	PPNR	0.7	1.7	5.0	2.43	0.33	7.34	1101.	51.	1.
712	0000	-699	37.2807	81.6158	PPNR	0.7	1.8	5.0	2.52	0.35	7.18	1118.	51.	1.
713	0000	-700	37.2807	81.6153	PPNR	0.7	1.5	5.4	2.15	0.28	7.56	1138.	51.	1.
714	0000	-701	37.2807	81.6148	PPNR	0.8	1.5	5.5	1.97	0.27	7.22	1177.	51.	1.

CP 9 IP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-703	37.2808	81.6144	PPNR	0.8	1.5	5.4	1.98	0.28	7.09	1204.	53.	1.
716	0000	-705	37.2808	81.6138	PPNR	0.8	1.5	5.4	1.86	0.28	6.74	1220.	52.	2.
717	0000	-706	37.2808	81.6134	PPNR	0.8	1.3	5.4	1.69	0.25	6.80	1220.	52.	3.
718	0000	-707	37.2808	81.6129	PPNR	0.8	1.2	5.3	1.44	0.23	6.30	1220.	51.	3.
719	0000	-708	37.2807	81.6124	PPNR	0.8	1.1 -	5.5	1.32 -	0.20 -	6.64	1216.	51.	4.
720	0000	-709	37.2807	81.6119	PPNR	0.8	1.2	5.4	1.42	0.22	6.44	1223.	50.	4.
721	0000	-709	37.2807	81.6114	PPNR	0.8	1.1 -	5.3	1.29 -	0.20 -	6.40	1209.	50.	4.
722	0000	-709	37.2807	81.6109	PPNR	0.9	1.0 -	5.3	1.21 -	0.20 -	6.18	1218.	49.	5.
723	0000	-710	37.2807	81.6104	PPNR	0.9	0.8 -	5.3	0.87 --	0.14 --	6.10	1214.	52.	5.
724	0000	-711	37.2807	81.6099	PPNR	0.9	0.8 -	5.2	0.96 -	0.16 --	6.10	1219.	52.	5.
725	0000	-713	37.2807	81.6094	PPNR	0.8	0.9 -	5.4	1.04 -	0.16 -	6.48	1230.	52.	5.
726	0000	-714	37.2807	81.6090	PPNR	0.9	0.9 -	5.7	0.93 --	0.15 --	6.18	1259.	55.	5.
727	0000	-715	37.2807	81.6085	PPNR	1.0	1.0 -	5.8	1.02 -	0.17 -	6.12	1292.	56.	6.
728	0000	-716	37.2807	81.6080	PPNR	1.0	1.0 -	6.1	0.99 -	0.16 -	6.08	1340.	54.	7.
729	0000	-716	37.2807	81.6074	PPNR	1.1	1.0 -	6.4	0.97 -	0.16 -	6.07	1399.	54.	7.
730	0000	-717	37.2807	81.6070	PPNR	1.1	1.3	6.5	1.13 -	0.19 -	5.90	1447.	52.	6.
731	0000	-718	37.2807	81.6065	PPNR	1.1	1.3	6.8	1.17 -	0.20 -	5.94	1475.	51.	6.
732	0000	-718	37.2807	81.6060	PPNR	1.2	1.4	6.7	1.23 -	0.21	5.77	1473.	51.	6.
733	0000	-721	37.2806	81.6055	PPNR	1.1	1.3	6.8	1.23 -	0.20 -	6.19	1456.	50.	5.
734	0000	-723	37.2806	81.6050	PPNR	1.0	1.5	6.8	1.42	0.22	6.52	1433.	50.	5.
735	0000	-722	37.2807	81.6045	PPNR	1.0	1.4	6.7	1.39	0.21	6.52	1404.	52.	5.
736	0000	-723	37.2807	81.6040	PPNR	1.0	1.4	6.5	1.42	0.21	6.60	1360.	52.	5.
737	0000	-723	37.2807	81.6036	PPP	0.9	1.3	6.6	1.44	0.20 -	7.07	1327.	52.	6.
738	0000	-722	37.2807	81.6031	PPP	0.9	1.2 -	6.7	1.35	0.18 -	7.38	1324.	53.	6.
739	0000	-723	37.2807	81.6026	PPP	0.9	1.2 -	6.7	1.29 -	0.18 -	7.24	1349.	53.	6.
740	0000	-725	37.2806	81.6021	PPP	1.0	1.4	6.6	1.44	0.21 -	6.86	1381.	52.	7.
741	0000	-724	37.2806	81.6015	PPP	1.0	1.0 -	6.8	1.04 -	0.15 --	6.83	1381.	53.	8.
742	0000	-724	37.2806	81.6012	PPP	1.0	1.2 -	6.5	1.14 -	0.18 -	6.35	1398.	52.	8.
743	0000	-725	37.2806	81.6006	PPP	1.1	1.2 -	6.5	1.11 -	0.18 -	6.05	1417.	53.	8.
744	0000	-726	37.2806	81.6001	PPP	1.2	1.2 -	6.7	0.99 -	0.17 -	5.68	1475.	53.	9.
745	0000	-726	37.2806	81.5996	PPP	1.3	1.4	6.4	1.12 -	0.22	5.11 -	1540.	53.	9.
746	0000	-728	37.2806	81.5992	PPP	1.3	1.5	7.0	1.13 -	0.21 -	5.33 -	1595.	55.	8.
747	0000	-729	37.2805	81.5986	PPP	1.3	1.4	7.3	1.04 -	0.19 -	5.53	1649.	54.	9.
748	0000	-730	37.2805	81.5982	PPP	1.4 +	1.4	7.8	1.00 -	0.18 -	5.57	1729.	51.	8.
749	0000	-731	37.2805	81.5977	PPP	1.5 +	1.7	8.2 +	1.16 -	0.21 -	5.59	1829.	50.	8.
750	0000	-732	37.2805	81.5972	PPP	1.5 +	2.0	8.4 +	1.32	0.24	5.50	1913.	48.	8.
751	0000	-732	37.2806	81.5967	PPP	1.5 +	2.2	8.7 +	1.46	0.25	5.72	1942.	49.	8.
752	0000	-734	37.2806	81.5962	PPP	1.5 +	2.1	8.8 +	1.41	0.24	5.84	1945.	50.	7.
753	0000	-735	37.2805	81.5957	PPP	1.6 +	2.0	8.5 +	1.30 -	0.24	5.39	1981.	49.	7.
754	0000	-735	37.2805	81.5952	PPP	1.7 +	2.5 +	8.2 +	1.47	0.30	4.90 -	2021.	51.	5.
755	0000	-736	37.2805	81.5947	PPP	1.7 +	2.9 ++	7.9	1.68	0.37 +	4.57 -	2073.	54.	4.
756	0000	-736	37.2805	81.5942	PPP	1.8 +	2.9 +	8.0 +	1.63	0.36 +	4.54 -	2082.	56.	3.
757	0000	-737	37.2805	81.5937	PPP	1.8 +	2.9 ++	8.1 +	1.66	0.36	4.65 -	2097.	60.	2.
758	0000	-739	37.2805	81.5931	PPP	1.7 +	3.0 ++	8.6 +	1.71	0.35	4.96 -	2116.	61.	1.
759	0000	-740	37.2805	81.5926	PPP	1.8 +	3.0 ++	8.9 +	1.68	0.34	4.98 -	2114.	61.	1.
760	0000	-740	37.2805	81.5922	PPP	1.7 +	3.2 ++	8.7 +	1.87	0.36 +	5.18 -	2057.	61.	0.
761	0000	-742	37.2805	81.5917	PPP	1.6 +	3.0 ++	8.4 +	1.91	0.35	5.40	1969.	59.	0.
762	0000	-742	37.2805	81.5912	PPP	1.4 +	2.6 +	8.3 +	1.83	0.32	5.73	1861.	56.	0.
763	0000	-740	37.2805	81.5906	PPP	1.3	2.5 +	7.9	1.91	0.32	5.95	1752.	55.	0.
764	0000	-740	37.2805	81.5901	PPP	1.2	2.3	7.3	1.94	0.32	6.16	1638.	53.	0.
765	0000	-739	37.2805	81.5896	PPP	1.1	2.2	6.2	1.93	0.35	5.50	1535.	53.	0.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-739	37.2805	81.5892	PPP	1.0	2.0	5.9	1.89	0.33	5.69	1453.	53.	0.
767	0000	-741	37.2805	81.5887	PPP	1.0	1.8	5.9	1.78	0.30	5.85	1410.	52.	0.
768	0000	-742	37.2805	81.5881	PPP	1.0	1.7	5.9	1.71	0.28	5.73	1374.	52.	0.
769	0000	-743	37.2805	81.5876	PPP	1.0	1.8	5.6	1.86	0.33	5.61	1382.	55.	-0.
770	0000	-744	37.2805	81.5871	PPP	1.1	1.8	6.0	1.66	0.30	5.59	1451.	55.	-0.
771	0000	-744	37.2805	81.5866	PPP	1.2	1.8	6.7	1.47	0.27	5.36 -	1585.	52.	-0.
772	0000	-744	37.2805	81.5861	PPP	1.4	2.3	7.2	1.71	0.32	5.29 -	1695.	50.	-0.
773	0000	-745	37.2805	81.5855	PPP	1.5 +	2.8 +	7.6	1.84	0.36 +	5.03 -	1824.	49.	-0.
774	0000	-747	37.2805	81.5851	PPP	1.6 +	3.2 ++	8.4 +	1.95	0.38 +	5.11 -	1953.	50.	-0.
775	0000	-748	37.2805	81.5845	PPP	1.8 +	3.1 ++	9.0 +	1.69	0.35	4.90 -	2081.	52.	1.
776	0000	-749	37.2805	81.5840	PPP	1.9 +	3.1 ++	9.7 ++	1.63	0.32	5.15 -	2159.	51.	1.
777	0000	-749	37.2805	81.5835	PPP	1.9 +	3.1 ++	9.6 ++	1.67	0.32	5.17 -	2140.	50.	1.
778	0000	-751	37.2805	81.5830	PPP	1.7 +	2.9 ++	9.2 +	1.71	0.32	5.34 -	2034.	52.	2.
779	0000	-754	37.2805	81.5825	PPP	1.6 +	2.5 +	9.2 +	1.56	0.27	5.69	1942.	53.	2.
780	0000	-756	37.2805	81.5820	PPP	1.5 +	2.2	8.6 +	1.47	0.25	5.84	1833.	52.	2.
781	0000	-755	37.2805	81.5815	PPP	1.3	1.6	8.0	1.23 -	0.20 -	6.05	1684.	52.	3.
782	0000	-756	37.2805	81.5810	PPP	1.1	1.9	7.4	1.71	0.25	6.71	1538.	52.	2.
783	0000	-757	37.2805	81.5805	PPP	1.0	1.8	6.5	1.81	0.27	6.66	1396.	53.	3.
784	0000	-758	37.2805	81.5800	PPP	0.9	1.7	6.0	1.83	0.29	6.42	1301.	55.	3.
785	0000	-758	37.2805	81.5795	PPP	0.9	1.6	5.7	1.78	0.28	6.31	1239.	54.	3.
786	0000	-758	37.2805	81.5790	PPP	0.9	1.3	5.2	1.53	0.25	6.03	1189.	55.	4.
787	0000	-758	37.2805	81.5785	PPP	0.8	1.2 -	5.3	1.51	0.22	6.80	1130.	54.	4.
788	0000	-760	37.2805	81.5780	PPP	0.7	1.2 -	4.9 -	1.63	0.25	6.53	1101.	54.	4.
789	0000	-760	37.2805	81.5775	PPP	0.7	1.0 -	4.9 -	1.34	0.20 -	6.81	1084.	52.	4.
790	0000	-760	37.2805	81.5770	PPP	0.7	0.9 -	5.0	1.32	0.19 -	7.12	1074.	51.	4.
791	0000	-760	37.2805	81.5765	PPNR	0.6 -	1.0 -	5.3	1.65	0.20 -	8.43 +	1051.	53.	4.
792	0000	-761	37.2805	81.5759	PPNR	0.6 -	1.0 -	5.4	1.70	0.19 -	8.97 +	1045.	53.	3.
793	0000	-761	37.2805	81.5754	PPNR	0.6 -	1.4	5.3	2.37	0.26	9.30 +	1064.	53.	2.
794	0000	-762	37.2805	81.5749	PPNR	0.6 -	1.5	5.6	2.49	0.27	9.33 +	1083.	54.	1.
795	0000	-764	37.2805	81.5744	PPNR	0.6 -	1.4	5.6	2.34	0.25	9.22 +	1074.	55.	1.
796	0000	-764	37.2805	81.5739	PPNR	0.6 -	1.5	5.0	2.46	0.30	8.30 +	1058.	56.	1.
797	0000	-764	37.2805	81.5734	PPNR	0.6 -	1.5	5.1	2.43	0.29	8.47 +	1052.	55.	0.
798	0000	-764	37.2805	81.5729	PPNR	0.6 -	1.3	4.7	2.28	0.29	7.95 +	1037.	52.	0.
799	0000	-764	37.2805	81.5724	PPNR	0.5 -	1.4	4.5 -	2.49	0.30	8.19 +	1006.	52.	0.
800	0000	-765	37.2804	81.5719	PPP	0.5 -	1.3 -	4.4 -	2.33	0.29	8.10 +	979.	55.	0.
801	0000	-765	37.2804	81.5714	PPP	0.6 -	1.4	3.9 -	2.45	0.34	7.14	975.	57.	0.
802	0000	-766	37.2805	81.5708	PPP	0.6 -	1.5	4.0 -	2.47	0.36 +	6.84	1005.	58.	0.
803	0000	-768	37.2805	81.5704	PPP	0.7 -	1.5	4.7 -	2.23	0.32	7.00	1080.	57.	0.
804	0000	-769	37.2805	81.5699	PPP	0.8	1.6	5.1	2.16	0.33	6.62	1185.	57.	0.
805	0000	-767	37.2805	81.5694	PPP	0.9	1.9	5.9	2.07	0.32	6.38	1369.	56.	0.
806	0000	-767	37.2805	81.5689	PPP	1.1	2.3	6.9	2.17	0.34	6.45	1556.	57.	0.
807	0000	-766	37.2805	81.5683	PPP	1.3	2.4 +	7.7	1.84	0.32	5.83	1757.	52.	1.
808	0000	-766	37.2805	81.5678	PPP	1.5 +	2.7 +	8.9 +	1.77	0.30	5.92	1936.	51.	1.
809	0000	-766	37.2805	81.5674	PPP	1.6 +	2.9 ++	9.5 ++	1.81	0.31	5.92	2077.	50.	1.
810	0000	-766	37.2805	81.5668	PPP	1.7 +	3.1 ++	10.3 ++	1.78	0.30	5.97	2191.	50.	1.
811	0000	-767	37.2805	81.5662	PPP	1.9 +	3.1 ++	10.8 ++	1.65	0.28	5.81	2249.	52.	1.
812	0000	-769	37.2805	81.5658	PPP	1.8 +	3.0 ++	11.5 +++	1.62	0.26	6.26	2260.	52.	1.
813	0000	-770	37.2805	81.5653	PPP	1.9 +	2.9 ++	10.9 ++	1.56	0.27	5.84	2268.	51.	1.
814	0000	-770	37.2805	81.5648	PPP	1.9 +	3.0 ++	11.1 +++	1.62	0.27	5.97	2253.	54.	1.
815	0000	-771	37.2804	81.5642	PPP	1.8 +	2.8 +	10.4 ++	1.57	0.27	5.76	2207.	53.	1.
816	0000	-773	37.2804	81.5637	PPP	1.8 +	2.7 +	9.9 ++	1.51	0.27	5.61	2153.	54.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-772	37.2804	81.5632		PPP	1.7 +	2.6 +	9.0 +	1.55	0.29	5.35 -	2037.	55.	2.
818	0000	-771	37.2804	81.5627		PPP	1.5 +	2.5 +	8.3 +	1.72	0.31	5.62	1916.	54.	2.
819	0000	-770	37.2804	81.5623		PPP	1.4 +	2.5 +	7.3	1.76	0.34	5.16 -	1787.	55.	2.
820	0000	-770	37.2804	81.5617		PPP	1.3	2.3	7.3	1.75	0.31	5.60	1696.	58.	2.
821	0000	-770	37.2804	81.5612		PPP	1.3	2.2	7.3	1.70	0.30	5.65	1675.	59.	2.
822	0000	-768	37.2804	81.5607		PPP	1.3	2.3	7.3	1.73	0.31	5.54	1691.	60.	2.
823	0000	-768	37.2804	81.5602		PPP	1.3	2.3	7.7	1.78	0.30	5.89	1710.	59.	1.
824	0000	-771	37.2804	81.5597		PPP	1.4 +	2.2	8.3 +	1.58	0.27	5.84	1793.	60.	2.
825	0000	-773	37.2805	81.5592		PPP	1.6 +	2.4 +	9.0 +	1.53	0.27	5.72	1927.	60.	2.
826	0000	-776	37.2805	81.5587		PPP	1.7 +	2.6 +	9.6 ++	1.57	0.27	5.81	2011.	58.	2.
827	0000	-777	37.2805	81.5582		PPP	1.7 +	2.6 +	9.6 ++	1.54	0.27	5.62	2023.	55.	2.
828	0000	-777	37.2805	81.5577		PPP	1.6 +	2.7 +	9.0 +	1.69	0.30	5.63	1962.	55.	2.
829	0000	-779	37.2805	81.5572		PPP	1.6 +	2.6 +	9.3 +	1.66	0.28	5.90	1926.	53.	2.
830	0000	-780	37.2804	81.5566		PPP	1.6 +	2.5 +	8.9 +	1.56	0.28	5.51	1946.	55.	1.
831	0000	-779	37.2804	81.5562		PPP	1.6 +	2.6 +	9.1 +	1.64	0.29	5.69	1976.	55.	1.
832	0000	-779	37.2804	81.5556		PPP	1.6 +	2.7 +	9.0 +	1.64	0.30	5.54	1990.	54.	0.
833	0000	-779	37.2804	81.5551		PPP	1.7 +	2.5 +	9.1 +	1.48	0.28	5.32 -	2045.	55.	0.
834	0000	-778	37.2804	81.5546		PPP	1.8 +	2.6 +	9.7 ++	1.42	0.26	5.37 -	2117.	58.	0.
835	0000	-778	37.2804	81.5541		PPP	1.9 +	2.5 +	9.9 ++	1.33	0.26	5.22 -	2171.	56.	0.
836	0000	-777	37.2804	81.5536		PPP	1.9 +	2.5 +	10.0 ++	1.32 -	0.25	5.28 -	2181.	55.	0.
837	0000	-778	37.2804	81.5531		PPP	1.8 +	2.6 +	10.5 ++	1.43	0.25	5.74	2154.	55.	0.
838	0000	-780	37.2804	81.5526		PPP	1.7 +	2.6 +	9.8 ++	1.52	0.27	5.71	2071.	53.	0.
839	0000	-781	37.2804	81.5521		PPP	1.6 +	2.4 +	9.3 +	1.51	0.26	5.74	1970.	54.	0.
840	0000	-783	37.2804	81.5516		PPP	1.5 +	2.3	8.5 +	1.52	0.27	5.64	1876.	55.	1.
841	0000	-784	37.2804	81.5511		PPP	1.4	2.2	7.9	1.57	0.27	5.79	1773.	54.	1.
842	0000	-784	37.2804	81.5506		PPP	1.2	2.0	7.8	1.61	0.26	6.29	1701.	55.	2.
843	0000	-785	37.2804	81.5501		PPP	1.2	1.8	7.5	1.58	0.24	6.54	1626.	55.	3.
844	0000	-786	37.2804	81.5496		PPP	1.1	1.6	6.8	1.49	0.23	6.36	1532.	55.	4.
845	0000	-786	37.2804	81.5491		PPP	1.0	1.4	6.7	1.39	0.21 -	6.62	1459.	56.	5.
846	0000	-787	37.2804	81.5486		PPP	0.9	1.2 -	6.5	1.28 -	0.18 -	7.03	1382.	56.	6.
847	0000	-788	37.2804	81.5480		PPP	0.9	1.1 -	6.3	1.24 -	0.17 -	7.22	1309.	56.	7.
848	0000	-789	37.2804	81.5475		PPP	0.8	0.9 -	5.9	1.10 -	0.16 --	7.07	1246.	54.	7.
849	0000	-790	37.2804	81.5471		PPP	0.8	0.7 --	5.4	0.92 --	0.14 --	6.71	1173.	57.	7.
850	0000	-789	37.2804	81.5465		PPP	0.8	0.9 -	5.0	1.18 -	0.19 -	6.36	1151.	57.	7.
851	0000	-789	37.2804	81.5460		PPP	0.8	0.9 -	5.0	1.17 -	0.19 -	6.28	1125.	57.	6.
852	0000	-790	37.2804	81.5455		PPP	0.8	0.8 -	5.3	1.06 -	0.16 --	6.80	1115.	56.	5.
853	0000	-791	37.2804	81.5450		PPP	0.8	0.9 -	5.4	1.15 -	0.17 -	6.65	1127.	57.	4.
854	0000	-790	37.2804	81.5445		PPP	0.9	1.1 -	5.9	1.25 -	0.19 -	6.75	1158.	55.	3.
855	0000	-790	37.2804	81.5440		PPP	0.9	1.3 -	5.9	1.44	0.22	6.54	1210.	56.	2.
856	0000	-791	37.2804	81.5435		PPP	0.9	1.4	6.2	1.54	0.23	6.74	1251.	55.	1.
857	0000	-792	37.2804	81.5430		PPP	1.0	1.4	6.3	1.43	0.22 -	6.67	1274.	53.	0.
858	0000	-793	37.2804	81.5425		PPP	0.9	1.6	6.6	1.70	0.24	7.08	1310.	52.	0.
859	0000	-793	37.2804	81.5419		PPP	0.9	1.6	6.5	1.72	0.25	6.86	1346.	52.	1.
860	0000	-793	37.2804	81.5414		PPP	1.0	1.6	7.0	1.66	0.23	7.10	1393.	52.	1.
861	0000	-792	37.2803	81.5409		PPP	0.9	1.8	7.1	1.94	0.25	7.70	1420.	54.	2.
862	0000	-792	37.2804	81.5405		PPP	1.0	1.9	7.3	1.95	0.26	7.65	1445.	55.	3.
863	0000	-794	37.2804	81.5400		PPP	1.0	1.9	7.4	1.95	0.25	7.71	1470.	53.	4.
864	0000	-795	37.2804	81.5394		PPP	1.0	1.8	7.2	1.82	0.25	7.36	1457.	55.	5.
865	0000	-796	37.2804	81.5389		PPP	1.0	1.7	7.3	1.74	0.23	7.45	1468.	54.	6.
866	0000	-797	37.2804	81.5384		MBP	1.0 +	1.8	7.2	1.85	0.26	7.16	1467.	55.	5.
867	0000	-797	37.2804	81.5379		MBP	1.0	2.0	7.0	2.09	0.29	7.30	1450.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-797	37.2804	81.5375	MBP	1.0 +	2.0	7.2	1.97	0.27	7.19	1440.	53.	4.
869	0000	-797	37.2804	81.5368	MBP	1.0 +	1.9	7.5 +	1.91	0.25	7.50	1438.	52.	3.
870	0000	-798	37.2804	81.5363	MBP	1.0 +	1.8	7.7 +	1.78	0.23	7.65	1434.	54.	3.
871	0000	-799	37.2804	81.5359	MBP	1.0 +	1.8	7.7 +	1.80	0.23	7.90	1438.	54.	3.
872	0000	-799	37.2804	81.5353	MBP	1.0 +	1.7	7.1	1.72	0.24	7.03	1425.	55.	2.
873	0000	-801	37.2804	81.5348	MBP	1.1 +	1.5	7.1	1.40 -	0.21	6.61 -	1430.	56.	3.
874	0000	-803	37.2804	81.5343	MBP	1.1 +	1.2 -	7.0	1.05 --	0.17 -	6.29 -	1438.	57.	5.
875	0000	-802	37.2804	81.5339	MBP	1.2 +	1.1 -	6.5	0.90 --	0.16 -	5.51 -	1449.	58.	6.
876	0000	-802	37.2804	81.5334	MBP	1.2 +	0.9 -	5.9	0.80 --	0.16 -	5.09 --	1441.	58.	6.
877	0000	-804	37.2803	81.5328	MBP	1.2 +	1.2 -	5.9	0.97 --	0.20 -	4.96 --	1461.	58.	5.
878	0000	-804	37.2803	81.5323	MBP	1.2 ++	1.4	6.2	1.12 -	0.22	5.02 --	1511.	56.	5.
879	0000	-804	37.2803	81.5318	MBP	1.3 ++	1.4	6.6	1.07 --	0.21	5.08 --	1552.	57.	4.
880	0000	-805	37.2803	81.5313	MBP	1.3 ++	1.5	6.8	1.17 -	0.22	5.28 --	1578.	56.	3.
881	0000	-805	37.2803	81.5309	MBP	1.3 ++	1.8	7.1	1.38 -	0.25	5.42 --	1608.	56.	2.
882	0000	-805	37.2803	81.5303	MBP	1.3 ++	1.9	7.1	1.46 -	0.27	5.38 --	1630.	56.	1.
883	0000	-807	37.2803	81.5298	MBP	1.3 ++	2.2 +	7.3	1.61	0.29	5.49 -	1655.	55.	1.
884	0000	-807	37.2803	81.5293	MBP	1.3 ++	2.2 +	7.1	1.66	0.31	5.33 --	1660.	57.	1.
885	0000	-807	37.2803	81.5288	MBP	1.3 ++	2.1 +	7.1	1.60	0.30	5.32 --	1667.	58.	2.
886	0000	-808	37.2804	81.5283	MBP	1.4 ++	2.2 +	7.4	1.59	0.29	5.39 --	1680.	54.	2.
887	0000	-808	37.2804	81.5278	MBP	1.4 ++	2.1	7.5 +	1.56 -	0.28	5.53 -	1678.	53.	4.
888	0000	-808	37.2804	81.5272	MBP	1.3 ++	2.1	6.8	1.55 -	0.30	5.12 --	1657.	51.	4.
889	0000	-808	37.2804	81.5267	MBP	1.3 ++	2.0	6.7	1.64	0.31	5.35 --	1606.	51.	5.
890	0000	-808	37.2804	81.5262	MBP	1.2 ++	1.9	6.8	1.54 -	0.28	5.60 -	1558.	51.	5.
891	0000	-810	37.2804	81.5257	MBP	1.2 +	1.7	6.8	1.45 -	0.25	5.74 -	1526.	50.	5.
892	0000	-810	37.2803	81.5252	MBP	1.1 +	1.8	6.9	1.64	0.26	6.23 -	1484.	50.	5.
893	0000	-809	37.2803	81.5247	MBP	1.1 +	1.8	7.0	1.69	0.26	6.59 -	1464.	52.	5.
894	0000	-811	37.2803	81.5242	MBP	1.0 +	2.0	7.1	1.94	0.28	6.94	1480.	53.	5.
895	0000	-811	37.2803	81.5237	MBP	1.0 +	2.0	7.3	1.93	0.27	7.26	1471.	56.	5.
896	0000	-812	37.2803	81.5232	MBP	1.0 +	1.9	7.3	1.85	0.26	7.12	1484.	56.	5.
897	0000	-813	37.2803	81.5227	PPP	1.0	1.9	7.4	1.84	0.26	7.13	1512.	56.	5.
898	0000	-813	37.2803	81.5222	PPP	1.0	2.1	7.3	2.04	0.28	7.15	1530.	55.	5.
899	0000	-815	37.2803	81.5217	PPP	1.1	1.9	7.3	1.80	0.26	6.85	1552.	54.	6.
900	0000	-817	37.2803	81.5212	PPP	1.1	1.8	7.3	1.70	0.25	6.80	1568.	55.	5.
901	0000	-817	37.2803	81.5207	PPP	1.2	1.7	7.2	1.48	0.24	6.17	1598.	54.	5.
902	0000	-817	37.2803	81.5202	PPP	1.2	1.7	7.6	1.41	0.22	6.28	1647.	52.	6.
903	0000	-817	37.2803	81.5197	PPP	1.3	1.6	8.4 +	1.25 -	0.19 -	6.50	1730.	51.	6.
904	0000	-819	37.2803	81.5191	PPP	1.4 +	1.7	8.7 +	1.23 -	0.20 -	6.26	1814.	51.	6.
905	0000	-820	37.2803	81.5187	PPP	1.5 +	1.7	9.3 +	1.12 -	0.18 -	6.20	1899.	53.	6.
906	0000	-819	37.2803	81.5182	PPP	1.5 +	2.0	9.3 +	1.34	0.22	6.14	1955.	54.	6.
907	0000	-820	37.2803	81.5175	PPP	1.6 +	2.1	9.3 +	1.36	0.23	5.91	2000.	54.	6.
908	0000	-821	37.2803	81.5171	PPP	1.6 +	2.3	9.4 +	1.41	0.24	5.90	2010.	53.	6.
909	0000	-822	37.2803	81.5166	PPP	1.6 +	2.4 +	9.4 +	1.45	0.25	5.75	2048.	53.	5.
910	0000	-823	37.2803	81.5161	PPP	1.6 +	2.7 +	9.2 +	1.64	0.29	5.67	2049.	56.	5.
911	0000	-823	37.2803	81.5156	PPP	1.7 +	2.4 +	9.3 +	1.44	0.26	5.48	2040.	56.	5.
912	0000	-822	37.2803	81.5150	PPP	1.8 +	2.2	9.5 +	1.24 -	0.23	5.29 -	2060.	54.	6.
913	0000	-822	37.2803	81.5146	PPP	1.8 +	1.9	9.4 +	1.04 -	0.20 -	5.14 -	2064.	52.	8.
914	0000	-823	37.2803	81.5141	PPP	1.8 +	1.9	9.0 +	1.05 -	0.21 -	5.06 -	2044.	52.	8.
915	0000	-823	37.2803	81.5136	PPP	1.7 +	1.7	8.7 +	0.99 -	0.20 -	5.01 -	2013.	54.	9.
916	0000	-824	37.2803	81.5130	PPP	1.7 +	1.5	8.3 +	0.91 --	0.18 -	4.92 -	1970.	54.	10.
917	0000	-825	37.2803	81.5125	PPP	1.7 +	1.4	8.4 +	0.83 --	0.17 --	4.97 -	1933.	52.	10.
918	0000	-825	37.2803	81.5121	PPP	1.5 +	1.7	7.6	1.12 -	0.22	5.14 -	1859.	54.	9.

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-826	37.2803	81.5116	PPP	1.3	1.8	6.8	1.35	0.26	5.19 -	1752.	56.	8.
920	0000	-825	37.2803	81.5110	PPP	1.3	1.8	6.7	1.41	0.27	5.24 -	1711.	57.	6.
921	0000	-826	37.2803	81.5105	PPP	1.3	1.9	7.2	1.40	0.26	5.43	1741.	56.	5.
922	0000	-828	37.2803	81.5100	PPP	1.4 +	2.0	7.6	1.42	0.26	5.40	1810.	53.	3.
923	0000	-829	37.2803	81.5095	PPP	1.5 +	2.2	8.2 +	1.49	0.27	5.57	1850.	52.	1.
924	0000	-829	37.2803	81.5090	PPP	1.5 +	2.3	8.0 +	1.55	0.29	5.38	1873.	53.	0.
925	0000	-829	37.2803	81.5085	PPP	1.6 +	2.3	8.5 +	1.45	0.27	5.44	1909.	52.	0.
926	0000	-829	37.2803	81.5080	PPP	1.6 +	2.3	8.8 +	1.47	0.26	5.60	1943.	52.	0.
927	0000	-829	37.2803	81.5075	PPP	1.6 +	2.4 +	8.9 +	1.49	0.27	5.51	1944.	50.	0.
928	0000	-830	37.2803	81.5070	PPP	1.6 +	2.4 +	8.7 +	1.50	0.28	5.36 -	1939.	51.	0.
929	0000	-831	37.2803	81.5064	PPP	1.6 +	2.6 +	8.8 +	1.61	0.29	5.53	1940.	54.	0.
930	0000	-830	37.2803	81.5059	PPP	1.6 +	2.6 +	8.7 +	1.67	0.30	5.51	1953.	57.	0.
931	0000	-830	37.2803	81.5054	PPP	1.6 +	2.6 +	9.0 +	1.63	0.28	5.74	1969.	58.	1.
932	0000	-831	37.2803	81.5049	PPP	1.6 +	2.5 +	8.8 +	1.58	0.29	5.48	1997.	58.	1.
933	0000	-831	37.2803	81.5044	PPP	1.6 +	2.4 +	8.8 +	1.45	0.27	5.37 -	2003.	60.	2.
934	0000	-832	37.2803	81.5039	PPP	1.6 +	2.2	8.9 +	1.39	0.25	5.59	2017.	62.	3.
935	0000	-833	37.2803	81.5034	PPP	1.5 +	2.1	8.5 +	1.37	0.25	5.56	1976.	61.	5.
936	0000	-834	37.2803	81.5029	PPP	1.5 +	1.8	8.0 +	1.22 -	0.23	5.39	1891.	60.	6.
937	0000	-835	37.2803	81.5024	PPP	1.4 +	1.5	7.8	1.06 -	0.19 -	5.48	1836.	57.	8.
938	0000	-837	37.2802	81.5019	PPP	1.4 +	1.4	7.6	0.99 -	0.19 -	5.30 -	1803.	54.	8.
939	0000	-837	37.2802	81.5014	PPP	1.4	1.4	7.6	1.00 -	0.18 -	5.53	1759.	53.	9.
940	0000	-837	37.2802	81.5009	PPP	1.3	1.4	7.1	1.06 -	0.20 -	5.39	1727.	51.	10.
941	0000	-837	37.2802	81.5004	PPP	1.3	1.6	7.0	1.19 -	0.23	5.22 -	1715.	50.	9.
942	0000	-839	37.2802	81.4999	PPP	1.4	1.5	7.7	1.13 -	0.20 -	5.73	1710.	51.	8.
943	0000	-840	37.2802	81.4994	PPP	1.3	1.5	8.1 +	1.14 -	0.19 -	6.11	1710.	49.	7.
944	0000	-839	37.2803	81.4989	PPP	1.4	1.7	7.7	1.24 -	0.22	5.67	1698.	49.	5.
945	0000	-841	37.2803	81.4984	PPP	1.3	1.7	7.7	1.29 -	0.22	5.76	1666.	52.	4.
946	0000	-841	37.2803	81.4978	PPP	1.3	1.9	7.6	1.40	0.25	5.67	1660.	51.	3.
947	0000	-840	37.2803	81.4973	PPP	1.4 +	1.9	7.9	1.40	0.25	5.68	1663.	51.	1.
948	0000	-840	37.2803	81.4968	PPP	1.5 +	1.8	7.6	1.22 -	0.24	5.16 -	1646.	53.	1.
949	0000	-840	37.2803	81.4963	PPP	1.5 +	1.8	7.0	1.24 -	0.26	4.70 -	1642.	54.	0.
950	0000	-839	37.2803	81.4958	PPP	1.5 +	2.0	6.8	1.29 -	0.29	4.46 -	1651.	55.	0.
951	0000	-839	37.2803	81.4953	PPP	1.5 +	1.9	7.2	1.28 -	0.27	4.77 -	1679.	56.	0.
952	0000	-840	37.2803	81.4948	PPP	1.6 +	2.0	7.3	1.27 -	0.27	4.64 -	1689.	57.	0.
953	0000	-841	37.2803	81.4943	PPP	1.6 +	1.8	7.2	1.15 -	0.25	4.61 -	1681.	58.	0.
954	0000	-841	37.2802	81.4938	PPP	1.5 +	1.8	7.3	1.20 -	0.25	4.80 -	1682.	59.	0.
955	0000	-843	37.2802	81.4933	PPP	1.5 +	1.7	7.5	1.13 -	0.22	5.05 -	1685.	58.	1.
956	0000	-845	37.2802	81.4928	PPP	1.5 +	1.7	7.8	1.17 -	0.22	5.34 -	1702.	56.	2.
957	0000	-843	37.2802	81.4923	PPP	1.4 +	1.7	7.9	1.22 -	0.22	5.52	1714.	57.	3.
958	0000	-843	37.2802	81.4918	PPP	1.4 +	1.6	7.8	1.16 -	0.21 -	5.57	1695.	57.	3.
959	0000	-844	37.2802	81.4913	PPP	1.3	1.5	8.0	1.19 -	0.19 -	6.16	1675.	56.	4.
960	0000	-844	37.2802	81.4908	PPP	1.3	1.3	7.9	1.05 -	0.17 --	6.30	1656.	54.	6.
961	0000	-843	37.2802	81.4902	PPP	1.2	1.3 -	7.8	1.03 -	0.16 --	6.36	1635.	52.	7.
962	0000	-843	37.2802	81.4897	PPP	1.2	1.2 -	7.8	1.07 -	0.16 --	6.77	1617.	52.	6.
963	0000	-844	37.2802	81.4893	PPP	1.2	1.3	7.4	1.13 -	0.18 -	6.39	1592.	52.	6.
964	0000	-845	37.2802	81.4888	PPP	1.2	1.4	7.5	1.21 -	0.18 -	6.54	1573.	53.	6.
965	0000	-847	37.2802	81.4882	PPP	1.1	1.3	7.5	1.16 -	0.18 -	6.62	1564.	54.	6.
966	0000	-848	37.2802	81.4877	MBP	1.2 +	1.3	7.3	1.08 --	0.18 -	6.13 -	1559.	57.	6.
967	0000	-848	37.2802	81.4872	MBP	1.1 +	1.7	7.1	1.49 -	0.24	6.26 -	1540.	57.	5.
968	0000	-848	37.2802	81.4867	MBP	1.1 +	1.6	7.0	1.42 -	0.22	6.37 -	1509.	60.	5.
969	0000	-848	37.2802	81.4861	MBP	1.1 +	1.6	7.0	1.55 -	0.23	6.60 -	1464.	57.	4.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-848	37.2802	81.4857		MBP	1.0	1.6	6.9	1.64	0.23	7.22	1410.	55.	5.
971	0000	-848	37.2802	81.4852		MBP	0.9	1.3	6.5	1.32 -	0.19 -	6.84 -	1350.	55.	5.
972	0000	-848	37.2802	81.4847		MBP	0.9	1.5	6.0	1.61	0.24	6.67 -	1303.	54.	4.
973	0000	-848	37.2802	81.4841		MBP	0.8	1.5	6.1	1.78	0.25	7.22	1294.	50.	3.
974	0000	-848	37.2802	81.4836		MBP	0.9	1.4	6.1	1.56 -	0.23	6.89 -	1310.	53.	3.
975	0000	-849	37.2802	81.4831		MBP	0.9	1.5	5.9	1.59	0.25	6.28 -	1346.	50.	2.
976	0000	-849	37.2802	81.4826		MBP	0.9	1.7	6.3	1.81	0.26	6.82 -	1391.	51.	2.
977	0000	-850	37.2802	81.4822		MBP	1.0 +	1.9	6.5	1.88	0.29	6.42 -	1465.	52.	1.
978	0000	-851	37.2802	81.4816		MBP	1.0 +	2.4 +	6.7	2.34	0.36 +	6.52 -	1534.	52.	1.
979	0000	-851	37.2802	81.4811		MBP	1.0 +	2.6 ++	7.1	2.62	0.37 +	7.14	1591.	51.	1.
980	0000	-851	37.2802	81.4806		MBP	1.1 +	2.9 ++	6.9	2.70	0.42 +	6.48 -	1629.	52.	2.
981	0000	-852	37.2802	81.4801		MBP	1.1 +	2.8 ++	6.8	2.60	0.41 +	6.29 -	1638.	52.	2.
982	0000	-853	37.2802	81.4796		MBP	1.1 +	2.9 ++	7.3	2.77	0.40 +	6.88 -	1617.	52.	2.
983	0000	-853	37.2802	81.4791		MBP	1.0 +	2.9 ++	6.7	2.78	0.43 +	6.38 -	1560.	52.	2.
984	0000	-855	37.2802	81.4785		MBP	0.9	2.9 ++	6.1	3.07	0.47 ++	6.47 -	1482.	53.	2.
985	0000	-856	37.2802	81.4780		MBP	0.9	2.7 ++	5.8	3.01	0.46 +	6.53 -	1420.	52.	2.
986	0000	-855	37.2802	81.4775		MBP	0.9	2.5 +	5.6	2.67	0.45 +	5.95 -	1361.	52.	2.
987	0000	-856	37.2802	81.4769		MBP	0.9	2.2 +	5.2	2.51	0.43 +	5.85 -	1305.	51.	1.
988	0000	-856	37.2802	81.4763		MBP	0.9	2.4 +	5.3	2.78	0.46 +	6.10 -	1274.	49.	0.
989	0000	-856	37.2802	81.4757		PPP	0.8	2.2	4.7 -	2.63 +	0.46 ++	5.68	1245.	50.	0.
990	0000	-857	37.2802	81.4752		PPP	0.8	2.0	4.9 -	2.39	0.41 +	5.78	1247.	51.	0.
991	0000	-857	37.2802	81.4747		PPP	0.9	1.8	5.0	1.96	0.35	5.55	1254.	50.	0.
992	0000	-857	37.2803	81.4741		PPP	0.9	1.8	5.3	1.88	0.33	5.74	1258.	53.	0.
993	0000	-858	37.2803	81.4735		PPP	0.9	1.6	5.3	1.72	0.30	5.69	1269.	56.	0.
994	0000	-857	37.2803	81.4729		PPP	1.0	1.5	5.9	1.53	0.25	6.08	1296.	56.	0.
995	0000	-858	37.2803	81.4724		PPP	1.0	1.5	6.3	1.50	0.24	6.31	1344.	57.	0.
996	0000	-859	37.2803	81.4718		PPP	1.1	1.6	6.7	1.46	0.24	6.07	1434.	56.	0.
997	0000	-859	37.2803	81.4713		PPP	1.2	1.7	7.1	1.40	0.24	5.77	1537.	55.	0.
998	0000	-858	37.2803	81.4707		PPP	1.4 +	1.7	7.7	1.19 -	0.21 -	5.56	1662.	57.	0.
999	0000	-859	37.2804	81.4701		PPP	1.5 +	1.8	7.8	1.18 -	0.23	5.06 -	1780.	55.	0.
1000	0000	-859	37.2804	81.4695		PPP	1.6 +	2.1	8.0 +	1.30 -	0.27	4.89 -	1877.	54.	0.
1001	0000	-860	37.2804	81.4690		PPP	1.7 +	2.3	7.9	1.34	0.29	4.68 -	1949.	56.	0.
1002	0000	-861	37.2804	81.4685		PPP	1.7 +	2.4 +	7.7	1.43	0.31	4.55 -	2006.	57.	0.
1003	0000	-861	37.2804	81.4679		PPP	1.7 +	2.5 +	7.9	1.41	0.31	4.49 -	2055.	54.	1.
1004	0000	-861	37.2804	81.4673		PPP	1.8 +	2.6 +	7.7	1.46	0.34	4.33 --	2058.	56.	1.
1005	0000	-863	37.2804	81.4667		PPP	1.8 +	2.7 +	7.6	1.53	0.36	4.29 --	2011.	56.	1.
1006	0000	-863	37.2804	81.4662		PPP	1.7 +	2.6 +	7.5	1.54	0.34	4.50 -	1943.	57.	1.
1007	0000	-863	37.2804	81.4657		PPP	1.6 +	2.3	7.2	1.43	0.31	4.56 -	1860.	56.	2.
1008	0000	-864	37.2804	81.4651		PPP	1.5 +	2.2	7.0	1.47	0.31	4.79 -	1758.	56.	3.
1009	0000	-865	37.2804	81.4645		PPP	1.4 +	1.9	6.6	1.33	0.28	4.68 -	1628.	57.	3.
1010	0000	-866	37.2804	81.4640		PPP	1.3	1.7	6.2	1.36	0.28	4.81 -	1495.	58.	4.
1011	0000	-866	37.2804	81.4633		PPP	1.1	1.6	5.6	1.43	0.29	4.93 -	1390.	55.	4.
1012	0000	-867	37.2804	81.4628		PPP	0.9	1.6	5.3	1.75	0.30	5.93	1281.	54.	3.
1013	0000	-868	37.2804	81.4623		PPP	0.8	1.5	5.3	1.81	0.28	6.49	1203.	54.	3.
1014	0000	-869	37.2805	81.4617		PPNR	0.8	1.5	5.1	1.91	0.29	6.53	1145.	54.	2.
1015	0000	-869	37.2805	81.4611		PPNR	0.7	1.5	5.0	2.03	0.30	6.75	1100.	53.	2.
1016	0000	-868	37.2805	81.4606		PPNR	0.7	1.6	5.1	2.34	0.32	7.30	1082.	51.	1.
1017	0000	-869	37.2805	81.4600		PPNR	0.6	1.6	5.0	2.54	0.33	7.72	1036.	55.	0.
1018	0000	-870	37.2805	81.4594		PPNR	0.6 -	1.6	5.1	2.48	0.30	8.18 +	1017.	56.	0.
1019	0000	-870	37.2805	81.4589		PPNR	0.7	1.6	4.9	2.39	0.33	7.29	1026.	55.	0.
1020	0000	-869	37.2805	81.4583		PPNR	0.7	1.5	5.1	2.12	0.29	7.41	1055.	55.	0.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-870	37.2806	81.4578	PPNR	0.7	1.5	5.6	2.10	0.27	7.75	1089.	56.	0.
1022	0000	-870	37.2806	81.4572	PPNR	0.8	1.4	5.8	1.86	0.25	7.53	1150.	55.	0.
1023	0000	-870	37.2806	81.4566	PPNR	0.8	1.3	6.1	1.55	0.21 -	7.43	1203.	54.	0.
1024	0000	-870	37.2806	81.4561	PPNR	0.9	1.3	6.4	1.51	0.21 -	7.16	1272.	53.	0.
1025	0000	-869	37.2806	81.4556	PPP	0.9	1.4	6.5	1.59	0.22	7.22	1300.	55.	0.
1026	0000	-870	37.2806	81.4549	PPP	0.9	1.4	6.6	1.58	0.22 -	7.35	1314.	55.	0.
1027	0000	-870	37.2806	81.4544	PPP	0.9	1.5	6.2	1.65	0.24	7.00	1292.	56.	0.
1028	0000	-869	37.2807	81.4538	PPP	0.9	1.5	6.1	1.69	0.24	7.02	1266.	57.	0.
1029	0000	-870	37.2807	81.4532	PPP	0.8	1.5	5.7	1.84	0.26	6.94	1224.	59.	0.
1030	0000	-871	37.2807	81.4527	PPP	0.8	1.5	5.7	1.81	0.26	7.05	1188.	60.	1.
1031	0000	-871	37.2807	81.4522	PPP	0.8	1.4	5.5	1.87	0.26	7.16	1155.	60.	1.
1032	0000	-871	37.2807	81.4516	PPP	0.8	1.3 -	5.6	1.69	0.23	7.25	1145.	58.	1.
1033	0000	-872	37.2807	81.4510	PPP	0.8	1.1 -	5.2	1.35	0.20 -	6.64	1142.	58.	3.
1034	0000	-873	37.2807	81.4504	PPP	0.8	1.1 -	5.0	1.42	0.22	6.49	1141.	56.	4.
1035	0000	-874	37.2807	81.4499	PPP	0.8	1.1 -	4.6 -	1.50	0.25	5.98	1151.	54.	5.
1036	0000	-874	37.2807	81.4494	PPP	0.8	1.2 -	4.8 -	1.53	0.25	6.21	1155.	53.	5.
1037	0000	-873	37.2807	81.4488	PPP	0.8	1.2 -	4.5 -	1.60	0.28	5.73	1163.	53.	6.
1038	0000	-873	37.2807	81.4482	PPP	0.8	1.4	4.6 -	1.75	0.29	5.94	1198.	53.	6.
1039	0000	-872	37.2807	81.4476	PPP	0.9	1.6	4.4 -	1.78	0.36	5.00 -	1242.	53.	5.
1040	0000	-873	37.2807	81.4470	PPP	0.9	1.7	4.6 -	1.98	0.38 +	5.20 -	1252.	53.	4.
1041	0000	-875	37.2807	81.4465	PPP	0.9	1.6	4.5 -	1.81	0.36 +	5.01 -	1236.	56.	3.
1042	0000	-876	37.2807	81.4460	PPP	0.9	1.7	4.5 -	1.92	0.38 +	5.10 -	1204.	55.	2.
1043	0000	-877	37.2808	81.4454	PPP	0.9	1.6	4.1 -	1.77	0.38 +	4.65 -	1174.	57.	3.
1044	0000	-879	37.2808	81.4448	PPP	0.8	1.5	4.0 -	1.81	0.37 +	4.85 -	1129.	57.	3.
1045	0000	-881	37.2808	81.4442	PPP	0.8	1.2 -	3.9 -	1.43	0.30	4.72 -	1055.	58.	3.
1046	0000	-880	37.2808	81.4437	PPP	0.7	1.0 -	3.7 -	1.38	0.27	5.17 -	983.	58.	4.
1047	0000	-879	37.2808	81.4431	PPP	0.7	0.9 -	3.8 -	1.31 -	0.23	5.59	953.	57.	5.
1048	0000	-880	37.2808	81.4426	PPP	0.7 -	0.9 -	3.9 -	1.38	0.24	5.83	963.	56.	6.
1049	0000	-881	37.2808	81.4420	PPP	0.7	0.7 --	4.3 -	0.91 --	0.16 --	5.85	1005.	55.	7.
1050	0000	-882	37.2809	81.4414	PPP	0.8	0.8 -	4.5 -	1.00 -	0.17 -	5.78	1052.	52.	7.
1051	0000	-883	37.2809	81.4409	PPP	0.8	0.8 -	4.7 -	0.97 -	0.17 -	5.57	1103.	51.	7.
1052	0000	-881	37.2809	81.4403	PPP	0.9	1.0 -	4.8 -	1.14 -	0.21 -	5.47	1146.	52.	7.
1053	0000	-880	37.2809	81.4398	PPP	0.9	1.1 -	5.2	1.28 -	0.22	5.90	1179.	53.	7.
1054	0000	-880	37.2809	81.4392	PPP	0.9	1.1 -	5.1	1.19 -	0.21 -	5.57	1190.	57.	6.
1055	0000	-881	37.2809	81.4387	PPNR	0.9	1.1 -	5.5	1.26 -	0.21 -	6.02	1216.	55.	6.
1056	0000	-883	37.2809	81.4380	PPNR	0.9	1.3	5.5	1.40	0.23	6.14	1236.	56.	5.
1057	0000	-885	37.2810	81.4375	PPNR	0.9	1.3	5.7	1.42	0.22	6.36	1237.	57.	4.
1058	0000	-885	37.2810	81.4369	PPNR	0.9	1.2	5.8	1.36	0.21 -	6.53	1222.	57.	3.
1059	0000	-885	37.2810	81.4364	PPNR	0.9	1.2 -	5.8	1.28 -	0.20 -	6.41	1218.	54.	3.
1060	0000	-886	37.2810	81.4358	PPNR	0.9	1.1 -	5.6	1.13 -	0.19 -	5.95	1230.	53.	3.
1061	0000	-886	37.2810	81.4353	PPNR	0.9	1.2	6.0	1.34	0.21 -	6.43	1266.	50.	3.
1062	0000	-886	37.2810	81.4347	PPNR	1.0	1.3	5.9	1.25 -	0.21 -	5.91	1309.	52.	3.
1063	0000	-887	37.2810	81.4341	PPNR	1.0	1.3	6.2	1.33	0.22	6.16	1338.	52.	4.
1064	0000	-887	37.2810	81.4336	PPNR	1.1	1.3	6.7	1.20 -	0.19 -	6.18	1396.	52.	4.
1065	0000	-888	37.2810	81.4330	PPNR	1.1	1.3	6.8	1.15 -	0.19 -	6.09	1438.	53.	5.
1066	0000	-888	37.2810	81.4324	PPNR	1.1	1.4	7.0	1.30 -	0.21 -	6.30	1437.	55.	6.
1067	0000	-887	37.2810	81.4319	PPP	1.1	1.3	6.9	1.21 -	0.20 -	6.22	1417.	55.	6.
1068	0000	-886	37.2810	81.4313	PPP	1.1	1.5	6.7	1.30 -	0.22	5.93	1406.	55.	5.
1069	0000	-884	37.2810	81.4307	PPP	1.1	1.4	6.6	1.30 -	0.22	6.00	1372.	55.	5.
1070	0000	-884	37.2810	81.4302	PPP	1.1	1.4	6.6	1.27 -	0.21 -	5.93	1357.	55.	5.
1071	0000	-885	37.2810	81.4297	PPP	1.1	1.4	6.2	1.34	0.23	5.81	1313.	57.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180; DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-887	37.2811	81.4291		PPP	1.0	1.6	6.3	1.53	0.25	6.16	1303.	55.	3.
1073	0000	-888	37.2811	81.4285		PPP	1.0	1.4	6.4	1.40	0.22	6.23	1316.	53.	2.
1074	0000	-889	37.2811	81.4279		PPP	1.0	1.6	6.4	1.53	0.25	6.19	1339.	54.	1.
1075	0000	-891	37.2811	81.4274		PPP	1.1	1.6	6.3	1.48	0.25	5.82	1355.	53.	1.
1076	0000	-891	37.2811	81.4268		PPP	1.1	1.6	6.1	1.51	0.27	5.62	1361.	54.	2.
1077	0000	-892	37.2811	81.4263		PPP	1.0	1.5	5.6	1.48	0.28	5.37 -	1330.	54.	2.
1078	0000	-891	37.2811	81.4257		PPP	1.0	1.6	5.6	1.63	0.28	5.88	1311.	53.	2.
1079	0000	-891	37.2812	81.4251		PPP	0.9	1.7	5.2	1.80	0.33	5.52	1290.	56.	2.
1080	0000	-891	37.2812	81.4246		PPP	0.9	1.8	5.1	1.92	0.35	5.42	1288.	58.	2.
1081	0000	-892	37.2812	81.4240		PPP	0.9	1.7	5.3	1.88	0.33	5.76	1268.	58.	2.
1082	0000	-891	37.2812	81.4235		PPP	0.9	1.5	5.3	1.74	0.28	6.12	1221.	58.	3.
1083	0000	-892	37.2812	81.4229		PPP	0.8	1.6	5.4	1.98	0.29	6.81	1184.	56.	2.
1084	0000	-893	37.2812	81.4223		PPP	0.8	1.6	5.5	2.00	0.29	6.80	1175.	56.	1.
1085	0000	-892	37.2812	81.4217		PPL	0.9	1.6	5.7	1.89	0.28	6.62	1196.	55.	1.
1086	0000	-892	37.2812	81.4212		PPL	0.9	1.6	6.0	1.78	0.27	6.70	1225.	53.	1.
1087	0000	-892	37.2812	81.4207		PPL	0.9	1.8	5.6	2.02	0.32	6.33	1222.	53.	1.
1088	0000	-891	37.2812	81.4201		PPL	0.9	1.8	5.2	2.09 +	0.34 +	6.07	1213.	53.	1.
1089	0000	-891	37.2812	81.4195		PPL	0.8	1.8	5.4	2.25 +	0.34	6.69	1226.	55.	1.
1090	0000	-890	37.2812	81.4189		PPL	0.8	1.9	5.3	2.19 +	0.35 +	6.32	1254.	55.	2.
1091	0000	-891	37.2812	81.4183		PPL	0.8	2.1 +	5.2	2.55 +	0.40 +	6.43	1265.	54.	1.
1092	0000	-892	37.2813	81.4178		PPL	0.8	2.0 +	4.9	2.55 +	0.41 ++	6.29	1253.	56.	2.
1093	0000	-893	37.2813	81.4173		PPL	0.8	1.8	4.6 -	2.12 +	0.38 +	5.60	1234.	57.	2.
1094	0000	-895	37.2813	81.4167		PPL	0.8	1.7	4.6 -	2.04	0.38 +	5.38	1250.	56.	3.
1095	0000	-896	37.2813	81.4162		PPL	0.9	1.8	5.1	1.94	0.35 +	5.57	1303.	55.	3.
1096	0000	-896	37.2813	81.4155		PPL	1.0	1.8	5.2	1.78	0.35 +	5.11 -	1351.	55.	4.
1097	0000	-896	37.2813	81.4150		PPL	1.1	1.4	5.3	1.30	0.27	4.90 -	1371.	57.	4.
1098	0000	-897	37.2813	81.4144		PPL	1.1	1.3	5.3	1.13 -	0.24	4.80 -	1382.	56.	4.
1099	0000	-898	37.2813	81.4139		PPL	1.1	1.3	5.2	1.14 -	0.25	4.60 -	1373.	58.	4.
1100	0000	-898	37.2813	81.4133		PPL	1.0	1.4	5.2	1.36	0.27	5.00 -	1372.	56.	4.
1101	0000	-898	37.2814	81.4128		PPL	1.0	1.0 -	5.7	0.98 -	0.18 -	5.39	1357.	59.	4.
1102	0000	-898	37.2814	81.4122		PPL	0.9	1.2 -	5.5	1.23	0.21	5.81	1324.	57.	4.
1103	0000	-898	37.2814	81.4116		PPL	0.9	1.1 -	5.3	1.31	0.21	6.10	1280.	57.	3.
1104	0000	-898	37.2814	81.4111		PPL	0.8	1.4	5.2	1.89	0.28	6.79	1243.	57.	2.
1105	0000	-897	37.2814	81.4105		PPL	0.7 -	1.5	5.5	2.06	0.27	7.57 +	1224.	59.	2.
1106	0000	-898	37.2814	81.4100		PPL	0.7 -	1.5	5.6	2.25 +	0.28	8.16 ++	1221.	57.	2.
1107	0000	-898	37.2814	81.4094		PPL	0.7 -	1.4	5.6	1.99	0.25	7.86 ++	1213.	59.	2.
1108	0000	-899	37.2815	81.4088		PPL	0.7 -	1.8	5.6	2.55 +	0.31	8.15 ++	1212.	57.	1.
1109	0000	-898	37.2815	81.4082		PPL	0.7 -	1.6	5.4	2.13 +	0.29	7.23 +	1195.	62.	1.
1110	0000	-898	37.2815	81.4077		PPL	0.7 -	1.8	5.2	2.35 +	0.34 +	6.91 +	1189.	61.	0.
1111	0000	-897	37.2815	81.4071		PPL	0.8	1.8	4.9	2.35 +	0.37 +	6.38	1202.	58.	0.
1112	0000	-897	37.2815	81.4066		PPL	0.8	1.9	4.8 -	2.31 +	0.39 +	5.96	1221.	58.	0.
1113	0000	-897	37.2815	81.4060		PPL	0.8	1.9 +	4.8	2.37 +	0.40 +	5.88	1244.	55.	0.
1114	0000	-899	37.2815	81.4054		PPL	0.9	2.2 +	5.0	2.61 +	0.44 ++	5.91	1293.	54.	0.
1115	0000	-899	37.2815	81.4048		PPL	0.8	2.1 +	5.4	2.51 +	0.40 +	6.33	1320.	53.	0.
1116	0000	-900	37.2815	81.4044		PPL	0.9	2.3 ++	5.5	2.63 +	0.41 ++	6.45	1342.	50.	0.
1117	0000	-901	37.2815	81.4037		PPL	0.9	2.2 +	5.6	2.60 +	0.39 +	6.60	1344.	51.	1.
1118	0000	-901	37.2815	81.4032		PPL	0.8	2.0 +	6.0	2.40 +	0.34	7.14 +	1319.	52.	2.
1119	0000	-901	37.2815	81.4026		PPL	0.8	1.6	6.1	1.94	0.27	7.22 +	1293.	52.	2.
1120	0000	-901	37.2815	81.4021		PPL	0.9	1.5	6.0	1.76	0.25	6.93 +	1269.	57.	3.
1121	0000	-901	37.2815	81.4016		PPL	0.8	1.2 -	5.9	1.47	0.20 -	7.34 +	1216.	55.	4.
1122	0000	-901	37.2815	81.4010		PPL	0.8	1.2 -	5.8	1.50	0.21	7.24 +	1194.	56.	5.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	* POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	* GROSS CPS	CDS CPS	UAIR CPS *
1123	0000	-901	37.2816	81.4004		PPL	0.8	1.1 -	5.8	1.38	0.19 -	7.44 +	1192.	56.	5.
1124	0000	-902	37.2816	81.3998		MBP	0.8	1.0 -	6.1	1.27 -	0.17 -	7.34	1222.	55.	5.
1125	0000	-902	37.2816	81.3992		MBP	0.8	1.1 -	6.0	1.27 -	0.18 -	7.17	1259.	56.	6.
1126	0000	-901	37.2816	81.3987		MBP	0.8	1.3	5.7	1.53 -	0.22	6.87 -	1261.	56.	6.
1127	0000	-902	37.2816	81.3982		MBP	0.8	1.3	5.9	1.68	0.23	7.39	1276.	55.	5.
1128	0000	-903	37.2816	81.3976		MBP	0.8	1.5	5.9	1.86	0.26	7.27	1297.	57.	4.
1129	0000	-902	37.2816	81.3970		MBP	0.8	1.6	6.0	1.98	0.27	7.43	1303.	57.	3.
1130	0000	-902	37.2817	81.3964		MBP	0.8	1.6	5.9	1.95	0.27	7.09	1313.	57.	2.
1131	0000	-903	37.2817	81.3959		MBP	0.8	1.5	6.2	1.88	0.25	7.66	1300.	58.	2.
1132	0000	-901	37.2817	81.3953		MBP	0.8	1.6	6.1	2.07	0.26	7.82	1272.	57.	0.
1133	0000	-901	37.2817	81.3948		MBP	0.8	1.6	6.1	2.02	0.26	7.91	1267.	57.	0.
1134	0000	-902	37.2817	81.3942		MBP	0.8	1.5	5.8	2.01	0.27	7.51	1231.	56.	0.
1135	0000	-901	37.2817	81.3936		MBP	0.7	1.6	5.6	2.13	0.28	7.47	1208.	55.	0.
1136	0000	-902	37.2817	81.3930		MBP	0.8	1.7	5.4	2.05	0.31	6.69 -	1245.	57.	0.
1137	0000	-902	37.2817	81.3925		MBP	0.8	1.6	5.6	2.06	0.29	7.12	1229.	59.	0.
1138	0000	-901	37.2817	81.3919		MBP	0.8	1.7	5.4	2.19	0.31	7.07	1216.	56.	0.
1139	0000	-902	37.2817	81.3914		MBP	0.8	1.7	5.2	2.18	0.33	6.60 -	1221.	58.	0.
1140	0000	-902	37.2817	81.3908		MBP	0.8	1.8	5.3	2.21	0.34	6.58 -	1244.	59.	1.
1141	0000	-901	37.2817	81.3902		MBP	0.9	1.7	5.8	1.94	0.30	6.56 -	1314.	59.	1.
1142	0000	-902	37.2817	81.3896		MBP	1.0	1.8	6.2	1.91	0.30	6.45 -	1399.	59.	1.
1143	0000	-903	37.2817	81.3891		MH	1.0	1.9	6.7	1.79	0.28	6.42 -	1474.	59.	2.
1144	0000	-903	37.2817	81.3886		MH	1.1 +	2.3 +	6.9	2.02	0.34	6.00 -	1598.	57.	2.
1145	0000	-903	37.2818	81.3880		MH	1.3 +	2.5 +	7.4	1.94	0.34 +	5.66 -	1733.	58.	2.
1146	0000	-903	37.2818	81.3875		MH	1.4 +	2.6 +	8.0	1.88	0.32	5.86 -	1830.	57.	2.
1147	0000	-903	37.2818	81.3869		MH	1.5 ++	2.7 +	8.5 +	1.83	0.32	5.80 -	1902.	56.	1.
1148	0000	-903	37.2818	81.3863		MH	1.5 ++	2.9 ++	8.6 +	1.88	0.33	5.65 -	1977.	54.	1.
1149	0000	-903	37.2818	81.3857		MH	1.6 ++	3.0 ++	9.2 +	1.89	0.33	5.71 -	2073.	54.	1.
1150	0000	-902	37.2818	81.3852		MH	1.6 ++	3.2 ++	9.4 +	1.98	0.34	5.89 -	2100.	53.	1.
1151	0000	-902	37.2818	81.3846		MH	1.6 ++	3.0 ++	9.9 ++	1.85	0.30	6.10 -	2122.	53.	0.
1152	0000	-902	37.2819	81.3841		MH	1.5 ++	3.0 ++	9.9 ++	1.99	0.30	6.55	2095.	52.	0.
1153	0000	-901	37.2819	81.3835		MH	1.5 ++	2.9 ++	10.0 ++	1.97	0.29	6.68	2084.	52.	1.
1154	0000	-900	37.2819	81.3829		MH	1.4 ++	2.9 ++	9.8 ++	2.00	0.29	6.82	2066.	51.	2.
1155	0000	-896	37.2819	81.3823		MH	1.4 +	2.8 ++	9.7 ++	2.01	0.28	7.05	2005.	50.	3.
1156	0000	-893	37.2819	81.3818		MH	1.3 +	2.5 +	9.0 +	1.91	0.28	6.95	1881.	50.	3.
1157	0000	-893	37.2819	81.3812		MH	1.2 +	2.0	8.3 +	1.63	0.24	6.79	1749.	52.	4.
1158	0000	-895	37.2819	81.3807		MH	1.1	1.7	7.8	1.57	0.22	7.22	1606.	50.	4.
1159	0000	-898	37.2819	81.3801		MH	1.0	1.5	7.4	1.46	0.20	7.27	1504.	52.	4.
1160	0000	-900	37.2819	81.3795		MH	0.9	1.5	6.7	1.63	0.22	7.31	1384.	52.	4.
1161	0000	-900	37.2819	81.3790		MH	0.9	1.3	6.4	1.57	0.21	7.48	1271.	55.	3.
1162	0000	-901	37.2819	81.3784		MH	0.7	1.3 -	5.9	1.71	0.22	7.92	1159.	55.	2.
1163	0000	-902	37.2819	81.3779		MH	0.7	1.1 -	5.3	1.73	0.21	8.05	1068.	54.	1.
1164	0000	-901	37.2820	81.3773		MBF-1	0.6 +	1.4	5.2	2.44	0.26	9.27	1005.	56.	0.
1165	0000	-901	37.2820	81.3767		MBF-1	0.5 +	1.5	5.0	2.80	0.30	9.34	966.	59.	0.
1166	0000	-902	37.2820	81.3762		MBF-1	0.6 +	1.5	4.7	2.59	0.31	8.31	949.	58.	0.
1167	0000	-901	37.2820	81.3757		MBF-1	0.6 +	1.5	4.7	2.63	0.32	8.14	965.	59.	0.
1168	0000	-900	37.2820	81.3750		MBF-1	0.6 +	1.6	4.7	2.62	0.33	7.90 -	978.	60.	0.
1169	0000	-900	37.2820	81.3745		MBF-1	0.6 +	1.7	4.7	2.80	0.35	7.94 -	1002.	60.	0.
1170	0000	-900	37.2820	81.3739		MBF-1	0.5 +	1.7	5.0	3.05	0.33	9.17	995.	63.	0.
1171	0000	-900	37.2820	81.3734		MBF-1	0.5 +	1.6	4.8	2.92	0.33	8.78	978.	62.	0.
1172	0000	-899	37.2820	81.3728		MBF-1	0.5 +	1.5	4.5	2.81	0.33	8.46	948.	61.	0.
1173	0000	-899	37.2820	81.3723		MBF-1	0.5	1.3	4.4	2.75	0.31	8.90	910.	60.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294 PAGE 582

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-900	37.2821	81.3717	MBF-1	0.4	1.3	4.3	2.91	0.31	9.51	874.	60.	0.
1175	0000	-900	37.2821	81.3711	MBF-1	0.4	1.5	4.1	3.70	0.38	9.84	884.	57.	0.
1176	0000	-899	37.2821	81.3705	MBF-1	0.4	1.5	4.0	3.57	0.37	9.53	884.	58.	0.
1177	0000	-899	37.2821	81.3700	MBF-1	0.4	1.5	4.2	3.45	0.37	9.41	920.	55.	0.
1178	0000	-899	37.2821	81.3694	MBF-1	0.5	1.4	4.4	2.71	0.32	8.43	970.	56.	0.
1179	0000	-900	37.2821	81.3689	MBF-1	0.6 +	1.6	4.6	2.82	0.33	8.43	1028.	56.	0.
1180	0000	-901	37.2821	81.3683	MG	0.6 -	1.8	4.5 --	3.03	0.39	7.69	1078.	57.	0.
1181	0000	-900	37.2822	81.3677	MG	0.7	1.9	4.8 --	2.85	0.41	7.02	1160.	57.	0.
1182	0000	-900	37.2822	81.3672	MG	0.8	1.9	5.7 -	2.49	0.34	7.21	1237.	59.	0.
1183	0000	-900	37.2822	81.3666	MG	0.9	2.0	5.9 -	2.35	0.34	6.87	1311.	57.	0.
1184	0000	-900	37.2822	81.3661	MG	1.0	2.1	6.1	2.23	0.35	6.41	1371.	58.	0.
1185	0000	-899	37.2822	81.3655	MG	1.0	2.4	6.5	2.39	0.37	6.43	1432.	57.	0.
1186	0000	-899	37.2822	81.3650	MG	1.2	2.3	6.8	1.98	0.34	5.89 -	1500.	58.	1.
1187	0000	-900	37.2822	81.3643	MG	1.2	2.3	7.3	1.89	0.32	5.87 -	1572.	57.	1.
1188	0000	-899	37.2822	81.3638	MG	1.3 +	2.1	7.6	1.67	0.28	5.92 -	1610.	57.	1.
1189	0000	-898	37.2822	81.3632	MG	1.3 +	2.0	7.6	1.47 -	0.26	5.75 -	1639.	56.	1.
1190	0000	-898	37.2822	81.3627	MG	1.4 +	1.9	7.6	1.36 -	0.25	5.57 -	1659.	58.	1.
1191	0000	-897	37.2822	81.3621	MG	1.4 +	2.0	8.0	1.43 -	0.25	5.85 -	1694.	60.	1.
1192	0000	-897	37.2822	81.3616	MG	1.3 +	1.9	7.6	1.39 -	0.24	5.72 -	1697.	60.	2.
1193	0000	-897	37.2822	81.3610	MG	1.2 +	2.1	7.2	1.66	0.29	5.82 -	1682.	58.	1.
1194	0000	-897	37.2822	81.3604	MG	1.2	2.0	7.1	1.68	0.28	5.95 -	1666.	58.	2.
1195	0000	-897	37.2823	81.3598	MG	1.1	2.1	7.0	1.80	0.29	6.13 -	1661.	56.	2.
1196	0000	-899	37.2823	81.3593	MG	1.1	2.3	6.5	2.14	0.35	6.06 -	1641.	56.	2.
1197	0000	-900	37.2823	81.3588	MG	1.0	2.3	6.4	2.20	0.36	6.11 -	1621.	55.	3.
1198	0000	-899	37.2823	81.3582	MG	1.0	2.2	5.8 -	2.15	0.38	5.73 -	1589.	54.	4.
1199	0000	-900	37.2823	81.3576	MG	1.0	2.2	6.0 -	2.15	0.37	5.86 -	1602.	50.	5.
1200	0000	-900	37.2823	81.3570	MG	1.1	2.2	6.2	2.13	0.36	5.87 -	1618.	51.	6.
1201	0000	-900	37.2823	81.3565	MBF-2	1.1	2.3	6.0 -	2.13	0.39 +	5.48 -	1619.	52.	7.
1202	0000	-900	37.2823	81.3559	MBF-2	1.1	2.3	5.8 -	2.00	0.39 +	5.10 -	1605.	52.	7.
1203	0000	-901	37.2823	81.3554	MBF-2	1.1	2.0	5.9 -	1.80	0.35 +	5.19 -	1584.	54.	7.
1204	0000	-900	37.2824	81.3548	MBF-2	1.1	2.0	6.1	1.74	0.32	5.35 -	1563.	54.	6.
1205	0000	-900	37.2824	81.3542	MBF-2	1.1	2.0	6.2	1.78	0.32	5.58 -	1526.	54.	5.
1206	0000	-901	37.2824	81.3537	MBF-2	1.1	1.9	5.9 -	1.84	0.33	5.60 -	1463.	60.	4.
1207	0000	-900	37.2824	81.3531	MBF-2	1.0	1.7	5.9 -	1.70	0.30	5.76 -	1401.	59.	3.
1208	0000	-899	37.2824	81.3526	MBF-2	0.9	1.5	5.8 -	1.62	0.26	6.16	1342.	58.	3.
1209	0000	-900	37.2824	81.3520	MBF-2	0.9	1.5	5.6 -	1.78	0.28	6.45	1284.	60.	2.
1210	0000	-899	37.2824	81.3514	MBF-2	0.8 -	1.5	5.3 -	1.89	0.29	6.64	1230.	57.	2.
1211	0000	-898	37.2824	81.3509	MBF-2	0.7 -	1.5	5.1 -	1.97	0.29	6.85	1191.	59.	2.
1212	0000	-898	37.2824	81.3502	MBF-2	0.8 -	1.3 -	5.2 -	1.69	0.25	6.70	1174.	56.	2.
1213	0000	-898	37.2824	81.3497	MBF-2	0.8 -	1.3 -	5.4 -	1.64	0.23	7.06	1162.	54.	3.
1214	0000	-898	37.2824	81.3492	MBF-2	0.7 -	1.1 -	5.4 -	1.55	0.21	7.49	1143.	55.	3.
1215	0000	-897	37.2824	81.3486	MBF-2	0.7 -	1.2 -	5.7 -	1.60	0.20	7.94	1135.	56.	3.
1216	0000	-897	37.2824	81.3481	MBF-2	0.7 -	1.1 -	5.7 -	1.53	0.19 -	8.14 +	1113.	58.	3.
1217	0000	-898	37.2825	81.3475	MBF-2	0.7 -	1.0 -	5.7 -	1.43	0.18 -	7.82	1107.	57.	2.
1218	0000	-898	37.2825	81.3470	MBF-2	0.7 -	1.1 -	5.7 -	1.65	0.19 -	8.60 +	1084.	55.	2.
1219	0000	-897	37.2825	81.3464	MBF-1	0.6 +	1.1	5.3	1.92 -	0.21 -	8.97	1052.	57.	2.
1220	0000	-896	37.2825	81.3458	MBF-1	0.6 +	1.2	4.9	2.10 -	0.24 -	8.83	1002.	56.	2.
1221	0000	-896	37.2825	81.3452	MBF-1	0.5 +	1.3	4.6	2.41	0.28	8.73	954.	53.	2.
1222	0000	-896	37.2825	81.3447	MBF-1	0.5	1.3	4.2	2.96	0.32	9.23	895.	54.	2.
1223	0000	-896	37.2825	81.3441	MBF-1	0.4	1.3	4.1	3.01	0.32	9.42	863.	51.	2.
1224	0000	-895	37.2825	81.3436	MBF-1	0.4	1.3	3.9	3.40	0.33	10.44	803.	54.	3.

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CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180; DAY 294

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES									
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-895	37.2825	81.3430	MBF-1	0.3	1.2	4.0	3.51	0.31	11.44	768.	55.	4.
1226	0000	-894	37.2826	81.3424	MH	0.3 -	1.2 -	3.5 --	3.73 +	0.34	10.91 +	728.	55.	5.
1227	0000	-894	37.2826	81.3418	MH	0.3 -	1.1 -	3.8 --	3.61 +	0.30	12.32 +	726.	56.	5.
1228	0000	-894	37.2826	81.3413	MH	0.3 -	1.1 -	3.8 --	4.10 +	0.30	13.62 +	731.	57.	5.
1229	0000	-894	37.2826	81.3407	MH	0.3 -	0.8 -	3.9 -	2.67	0.22	12.26 +	750.	57.	5.
1230	0000	-894	37.2826	81.3402	MH	0.3 -	0.8 -	4.1 -	2.54	0.20 -	12.80 +	758.	56.	6.
1231	0000	-894	37.2826	81.3397	MH	0.4 -	0.9 -	3.9 -	2.40	0.23	10.61	784.	54.	5.
1232	0000	-894	37.2826	81.3391	MH	0.4 -	0.8 -	3.8 --	2.18	0.22	9.81	801.	54.	4.
1233	0000	-894	37.2827	81.3385	MH	0.4 -	1.0 -	4.0 -	2.63	0.24	10.80	826.	55.	3.
1234	0000	-895	37.2827	81.3379	MH	0.4 -	0.9 -	4.1 -	2.24	0.23	9.93	844.	55.	3.
1235	0000	-895	37.2827	81.3373	MH	0.5 -	0.8 -	4.3 -	1.82	0.20 -	9.31	861.	57.	3.
1236	0000	-895	37.2827	81.3368	MH	0.5 -	1.0 -	4.6 -	2.06	0.21	9.78	887.	55.	2.
1237	0000	-894	37.2827	81.3363	MH	0.5 -	1.0 -	4.9 -	2.22	0.21	10.75	928.	57.	1.
1238	0000	-893	37.2827	81.3357	MH	0.5 -	1.1 -	5.3	2.21	0.20 -	11.13 +	980.	56.	2.
1239	0000	-892	37.2827	81.3351	MH	0.6	1.1 -	5.8	1.92	0.19 -	10.13	1054.	54.	3.
1240	0000	-893	37.2827	81.3345	MH	0.7	1.0 -	5.9	1.56	0.17	9.08	1104.	54.	4.
1241	0000	-893	37.2827	81.3340	MH	0.7	1.0 -	5.9	1.42 -	0.17 -	8.43	1161.	57.	5.
1242	0000	-893	37.2827	81.3334	MH	0.8	0.9 -	6.4	1.23 -	0.14 --	8.52	1224.	56.	6.
1243	0000	-893	37.2827	81.3329	MH	0.8	0.9 -	6.5	1.03 -	0.13 --	7.64	1275.	55.	8.
1244	0000	-892	37.2827	81.3323	MH	0.9	1.0 -	6.3	1.11 -	0.16 -	6.94	1327.	55.	9.
1245	0000	-891	37.2827	81.3317	MH	1.0	1.0 -	6.4	0.99 -	0.15 --	6.67	1363.	58.	9.
1246	0000	-892	37.2828	81.3311	MH	1.0	1.0 -	6.4	1.05 -	0.16 -	6.41 -	1383.	59.	9.
1247	0000	-892	37.2828	81.3306	MH	1.1	1.1 -	7.0	1.03 -	0.16 -	6.59	1435.	57.	7.
1248	0000	-892	37.2828	81.3301	MH	1.1	1.4	7.1	1.33 -	0.20 -	6.72	1465.	55.	6.
1249	0000	-892	37.2828	81.3295	MH	1.1	1.6	7.2	1.46	0.22	6.75	1494.	54.	5.
1250	0000	-892	37.2828	81.3289	MH	1.1	1.7	7.5	1.63	0.23	6.95	1515.	54.	3.
1251	0000	-892	37.2828	81.3284	MH	1.0	1.9	7.2	1.82	0.26	6.93	1499.	56.	2.
1252	0000	-892	37.2828	81.3277	MH	1.0	1.8	7.6	1.89	0.25	7.57	1463.	54.	1.
1253	0000	-893	37.2828	81.3272	MH	1.0	1.9	7.3	2.00	0.26	7.57	1439.	53.	0.
1254	0000	-892	37.2829	81.3267	MH	0.9	1.9	6.9	2.06	0.28	7.47	1407.	52.	0.
1255	0000	-891	37.2829	81.3261	MH	0.9	1.8	7.2	1.99	0.26	7.80	1394.	52.	0.
1256	0000	-891	37.2829	81.3255	MH	0.9	2.1	6.7	2.28	0.32	7.19	1384.	55.	0.
1257	0000	-890	37.2829	81.3249	MH	1.0	2.0	6.5	1.99	0.30	6.46 -	1411.	56.	1.
1258	0000	-890	37.2829	81.3245	MH	1.1	1.6	7.2	1.42 -	0.22	6.44 -	1445.	55.	2.
1259	0000	-891	37.2829	81.3239	MH	1.2 +	1.6	7.0	1.36 -	0.23	5.88 -	1492.	55.	3.
1260	0000	-890	37.2829	81.3233	MH	1.2 +	1.7	7.1	1.45	0.24	6.06 -	1509.	56.	4.
1261	0000	-889	37.2829	81.3227	MH	1.2 +	1.7	7.3	1.45	0.23	6.33 -	1517.	55.	5.
1262	0000	-889	37.2829	81.3222	MH	1.2 +	1.6	7.2	1.33 -	0.22 -	6.09 -	1513.	55.	5.
1263	0000	-887	37.2829	81.3215	MH	1.2 +	1.2 -	7.6	1.00 -	0.16 -	6.20 -	1529.	53.	5.
1264	0000	-887	37.2829	81.3211	MH	1.2 +	1.3	7.5	1.14 -	0.18 -	6.46 -	1511.	53.	5.
1265	0000	-887	37.2829	81.3205	MH	1.1	1.5	7.4	1.40 -	0.20	6.88	1512.	53.	4.
1266	0000	-886	37.2829	81.3199	MH	1.1	1.5	7.7	1.32 -	0.19 -	6.90	1515.	50.	3.
1267	0000	-886	37.2829	81.3194	MH	1.2 +	1.3 -	7.8	1.07 -	0.16 -	6.56	1531.	52.	4.
1268	0000	-886	37.2830	81.3188	MH	1.3 +	1.3	8.0	1.04 -	0.16 -	6.33 -	1570.	55.	3.
1269	0000	-884	37.2830	81.3182	MH	1.3 +	1.2 -	8.0	0.86 --	0.14 --	5.99 -	1616.	55.	3.
1270	0000	-883	37.2830	81.3177	MH	1.4 +	1.4	7.5	1.02 -	0.18 -	5.53 -	1640.	54.	4.
1271	0000	-883	37.2830	81.3171	MH	1.4 +	1.4	7.6	1.02 -	0.18 -	5.51 -	1673.	53.	4.
1272	0000	-883	37.2830	81.3165	MH	1.4 +	1.5	7.5	1.07 -	0.20	5.27 -	1694.	52.	5.
1273	0000	-883	37.2830	81.3160	MH	1.3 +	1.5	7.1	1.13 -	0.21	5.32 -	1664.	55.	6.
1274	0000	-882	37.2830	81.3154	MH	1.3 +	1.6	7.1	1.28 -	0.23	5.51 -	1625.	55.	5.
1275	0000	-881	37.2830	81.3148	MH	1.2 +	1.5	6.7	1.23 -	0.22	5.60 -	1543.	53.	6.

CP9 IP 12

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-881	37.2830	81.3143		MH	1.1	1.7	6.4	1.52	0.26	5.83 -	1457.	56.	5.
1277	0000	-881	37.2830	81.3137		MH	0.9	1.5	6.5	1.57	0.23	6.89	1339.	59.	4.
1278	0000	-880	37.2830	81.3132		MH	0.8	1.3	6.3	1.63	0.21	7.56	1219.	63.	3.
1279	0000	-880	37.2830	81.3126		MH	0.7	1.2 -	5.7	1.61	0.20	7.89	1101.	64.	3.
1280	0000	-880	37.2830	81.3120		MH	0.7	1.2 -	5.7	1.88	0.22	8.72	1040.	65.	1.
1281	0000	-879	37.2830	81.3115		MH	0.6	1.2 -	5.2 -	1.96	0.23	8.72	992.	61.	1.
1282	0000	-879	37.2830	81.3109		MH	0.5 -	1.4	4.8 -	2.65	0.29	9.15	964.	61.	1.
1283	0000	-878	37.2830	81.3103		MH	0.5 -	1.2 -	4.9 -	2.52	0.24	10.54	935.	58.	2.
1284	0000	-878	37.2830	81.3097		MH	0.4 -	1.2 -	4.7 -	2.83	0.26	11.01 +	928.	55.	2.
1285	0000	-877	37.2830	81.3092		MH	0.4 -	1.2 -	4.7 -	3.00	0.26	11.55 +	931.	53.	3.
1286	0000	-877	37.2830	81.3085		MH	0.4 -	1.3 -	4.8 -	3.18	0.26	12.02 +	940.	53.	4.
1287	0000	-875	37.2830	81.3080		MH	0.4 -	1.4	4.8 -	3.63 +	0.29	12.74 +	955.	52.	4.
1288	0000	-874	37.2830	81.3074		MH	0.4 -	1.3	5.1 -	3.07	0.25	12.30 +	976.	55.	5.
1289	0000	-874	37.2830	81.3069		MH	0.4 -	1.2 -	5.4	2.64	0.22	12.04 +	1006.	55.	5.
1290	0000	-874	37.2830	81.3063		MH	0.5 -	1.3 -	5.7	2.62	0.22	11.75 +	1038.	57.	5.
1291	0000	-873	37.2830	81.3057		MH	0.5 -	1.5	5.7	2.73	0.26	10.54	1094.	59.	4.
1292	0000	-873	37.2830	81.3051		MH	0.6	1.8	5.7	3.20	0.31	10.33	1160.	58.	3.
1293	0000	-873	37.2830	81.3045		MH	0.6	2.0	6.2	3.21	0.33	9.79	1233.	57.	3.
1294	0000	-872	37.2829	81.3040		MH	0.7	1.7	7.1	2.49	0.25	10.11	1305.	60.	2.
1295	0000	-872	37.2829	81.3035		MH	0.8	1.8	7.2	2.37	0.25	9.38	1372.	59.	2.
1296	0000	-871	37.2829	81.3029		MH	0.8	2.0	7.4	2.43	0.27	9.11	1408.	56.	1.
1297	0000	-870	37.2829	81.3023		MH	0.8	2.0	7.6	2.47	0.27	9.27	1426.	58.	1.
1298	0000	-869	37.2829	81.3017		MH	0.8	2.0	7.5	2.45	0.27	9.15	1424.	56.	1.
1299	0000	-867	37.2829	81.3012		MH	0.9	1.8	7.5	2.09	0.24	8.60	1407.	58.	2.
1300	0000	-866	37.2829	81.3006		MH	0.9	1.5	7.5	1.79	0.20	8.75	1392.	58.	3.
1301	0000	-867	37.2829	81.3000		MH	0.8	1.6	6.8	1.91	0.24	7.97	1341.	54.	4.
1302	0000	-867	37.2829	81.2994		MH	0.8	1.5	6.8	1.98	0.23	8.75	1300.	51.	5.
1303	0000	-867	37.2829	81.2988		MH	0.8	1.5	6.6	1.89	0.22	8.47	1271.	54.	5.
1304	0000	-867	37.2829	81.2983		MH	0.8	1.7	5.9	2.18	0.28	7.74	1268.	53.	5.
1305	0000	-866	37.2829	81.2977		MH	0.7	1.5	6.0	1.98	0.25	8.08	1239.	53.	4.
1306	0000	-866	37.2829	81.2971		MH	0.7	1.4	6.2	2.11	0.23	9.03	1195.	51.	3.
1307	0000	-865	37.2829	81.2965		MH	0.7	1.5	5.8	2.18	0.26	8.41	1166.	53.	2.
1308	0000	-863	37.2829	81.2960		MH	0.6	1.7	5.8	2.60	0.28	9.11	1177.	56.	1.
1309	0000	-863	37.2829	81.2954		MH	0.6	1.8	5.8	2.82	0.32	8.88	1181.	58.	0.
1310	0000	-862	37.2829	81.2948		MH	0.6	1.7	5.9	2.60	0.29	9.13	1189.	60.	0.
1311	0000	-861	37.2829	81.2942		MH	0.7	1.6	6.2	2.30	0.25	9.16	1177.	60.	0.
1312	0000	-861	37.2829	81.2937		MH	0.6	1.6	6.2	2.51	0.26	9.52	1172.	60.	0.
1313	0000	-860	37.2828	81.2932		MH	0.7	1.8	5.7	2.70	0.31	8.69	1168.	60.	0.
1314	0000	-859	37.2828	81.2926		MH	0.6	1.8	5.6	3.04	0.32	9.45	1126.	59.	1.
1315	0000	-858	37.2828	81.2920		MH	0.6	1.7	5.4	2.86	0.31	9.10	1062.	59.	1.
1316	0000	-858	37.2828	81.2915		MH	0.5 -	1.6	5.0 -	3.16	0.32	9.82	994.	57.	2.
1317	0000	-857	37.2828	81.2908		MH	0.4 -	1.6	4.7 -	3.61 +	0.34 +	10.48	927.	56.	3.
1318	0000	-856	37.2828	81.2903		MH	0.4 -	1.5	4.1 -	3.99 +	0.37 +	10.84 +	889.	57.	4.
1319	0000	-857	37.2828	81.2897		MH	0.4 -	1.4	3.8 --	3.59 +	0.38 +	9.56	870.	57.	5.
1320	0000	-856	37.2828	81.2892		MH	0.4 -	1.3 -	3.9 -	3.33	0.32	10.33	880.	57.	6.
1321	0000	-854	37.2828	81.2886		MH	0.4 -	1.1 -	4.3 -	2.73	0.26	10.35	914.	56.	6.
1322	0000	-853	37.2828	81.2880		MBP	0.4 -	1.2 -	4.6 -	2.60	0.25	10.43	968.	55.	6.
1323	0000	-853	37.2828	81.2874		MBP	0.5	1.2 -	5.0	2.28	0.23	9.71	1046.	55.	6.
1324	0000	-852	37.2828	81.2869		MBP	0.5	1.3	5.5	2.30	0.23	10.13	1130.	53.	6.
1325	0000	-851	37.2828	81.2863		MBP	0.6	1.3	6.0	2.19	0.22	10.01	1170.	51.	6.
1326	0000	-852	37.2828	81.2857		MBP	0.6	1.2 -	6.8	1.85	0.17 -	10.66	1196.	51.	5.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-850	37.2828	81.2851	MBP	0.7	1.0 -	7.0	1.57 -	0.15 --	10.70	1198.	53.	5.
1328	0000	-849	37.2828	81.2846	MBP	0.7	1.2	6.9	1.89	0.18 -	10.48	1205.	54.	5.
1329	0000	-849	37.2828	81.2840	MBP	0.7	1.1 -	6.8	1.62	0.17 -	9.74	1216.	56.	5.
1330	0000	-848	37.2828	81.2835	MBP	0.7	1.1 -	6.7	1.52 -	0.16 -	9.43	1213.	56.	5.
1331	0000	-847	37.2828	81.2829	MBP	0.8	1.0 -	6.8	1.37 -	0.15 -	8.94	1212.	55.	5.
1332	0000	-845	37.2827	81.2823	MBP	0.8	1.1 -	6.9	1.47 -	0.16 -	8.95	1241.	55.	5.
1333	0000	-843	37.2827	81.2817	MBP	0.8	1.4	6.9	1.87	0.21	8.96	1269.	54.	4.
1334	0000	-843	37.2827	81.2812	MBP	0.7	1.6	6.8	2.19	0.24	9.08	1305.	54.	4.
1335	0000	-842	37.2827	81.2806	MBP	0.8	1.5	7.1	1.91	0.21	8.93	1320.	52.	4.
1336	0000	-841	37.2827	81.2800	MBP	0.7	1.7	7.2	2.28	0.24	9.67	1329.	50.	4.
1337	0000	-841	37.2827	81.2794	MBP	0.7	1.8	7.0	2.54	0.26	9.71	1334.	51.	3.
1338	0000	-837	37.2827	81.2789	MBP	0.7	1.9	6.7	2.76	0.29	9.65	1330.	52.	3.
1339	0000	-833	37.2827	81.2783	MBP	0.7	1.8	7.4	2.63	0.24	10.76	1338.	52.	4.
1340	0000	-832	37.2827	81.2777	MBP	0.8	1.8	6.8	2.32	0.26	9.04	1349.	53.	4.
1341	0000	-831	37.2827	81.2771	MBP	0.8	1.6	7.1	2.02	0.22	9.01	1356.	54.	5.
1342	0000	-831	37.2827	81.2766	MBP	0.7	1.5	7.0	2.02	0.21	9.51	1333.	56.	5.
1343	0000	-832	37.2827	81.2760	MBP	0.8	1.6	6.7	2.11	0.24	8.81	1308.	56.	5.
1344	0000	-833	37.2827	81.2754	MBP	0.8	1.3	7.1	1.71	0.19 -	9.21	1299.	55.	6.
1345	0000	-834	37.2827	81.2749	MBP	0.8	1.1 -	7.3	1.41 -	0.16 -	9.04	1294.	56.	6.
1346	0000	-835	37.2827	81.2742	MBP	0.9	1.2 -	6.8	1.39 -	0.17 -	7.99	1309.	55.	6.
1347	0000	-833	37.2827	81.2737	MBP	0.8	1.1 -	7.6 +	1.37 -	0.15 --	9.19	1326.	54.	7.
1348	0000	-832	37.2827	81.2732	MBP	0.9	1.3	7.4	1.55 -	0.18 -	8.51	1361.	53.	6.
1349	0000	-831	37.2827	81.2726	MBP	0.9	1.6	7.8 +	1.66	0.20	8.23	1442.	51.	6.
1350	0000	-829	37.2826	81.2720	MBP	1.0	1.6	8.2 +	1.67	0.20 -	8.48	1510.	51.	6.
1351	0000	-827	37.2826	81.2715	MBP	1.0 +	2.0	7.9 +	1.97	0.25	7.87	1535.	51.	5.
1352	0000	-826	37.2826	81.2709	MBP	1.0	2.0	7.9 +	2.11	0.26	8.12	1548.	53.	5.
1353	0000	-825	37.2826	81.2703	MBP	1.0	1.9	7.9 +	2.05	0.25	8.31	1522.	53.	5.
1354	0000	-824	37.2826	81.2697	MBP	1.0	2.1	8.0 +	2.20	0.26	8.37	1538.	52.	4.
1355	0000	-823	37.2826	81.2692	MBP	1.0 +	2.2 +	7.8 +	2.17	0.28	7.82	1551.	54.	3.
1356	0000	-822	37.2826	81.2686	MBP	1.0 +	2.3 +	7.5 +	2.24	0.30	7.45	1546.	53.	2.
1357	0000	-821	37.2826	81.2680	MBP	1.0 +	2.2 +	7.5	2.10	0.29	7.24	1528.	52.	1.
1358	0000	-820	37.2826	81.2674	MBP	1.0 +	2.0	7.6 +	1.97	0.26	7.58	1495.	52.	1.
1359	0000	-820	37.2826	81.2669	MBP	1.0 +	2.0	7.3	2.03	0.27	7.48	1464.	49.	1.
1360	0000	-821	37.2826	81.2663	MBP	0.9	2.0	7.0	2.15	0.29	7.42	1424.	53.	1.
1361	0000	-821	37.2826	81.2657	MBP	0.9	1.9	6.5	2.06	0.29	7.13	1363.	52.	0.
1362	0000	-820	37.2826	81.2651	MBP	0.8	1.7	6.3	2.06	0.27	7.69	1285.	53.	0.
1363	0000	-819	37.2826	81.2646	MBP	0.7	1.4	6.1	1.91	0.23	8.17	1227.	53.	0.
1364	0000	-819	37.2826	81.2640	MBP	0.7	1.4	6.5	2.01	0.22	9.08	1216.	55.	0.
1365	0000	-818	37.2826	81.2634	MBP	0.8	1.6	6.5	2.07	0.24	8.53	1286.	55.	0.
1366	0000	-817	37.2826	81.2629	MBP	0.8	1.6	7.0	2.02	0.23	8.75	1375.	57.	0.
1367	0000	-817	37.2826	81.2623	MBP	0.9	1.7	7.3	1.89	0.24	8.03	1467.	56.	2.
1368	0000	-816	37.2826	81.2617	MBP	1.0 +	1.6	7.7 +	1.57 -	0.21	7.50	1549.	57.	3.
1369	0000	-815	37.2825	81.2612	MBP	1.1 +	1.6	8.2 +	1.49 -	0.19 -	7.69	1611.	55.	4.
1370	0000	-813	37.2825	81.2606	MBP	1.1 +	1.6	8.5 +	1.48 -	0.19 -	7.72	1657.	55.	5.
1371	0000	-813	37.2825	81.2600	MBP	1.1 +	1.5	8.2 +	1.28 -	0.18 -	7.25	1677.	56.	6.
1372	0000	-812	37.2825	81.2594	MBP	1.1 +	1.4	8.4 +	1.22 -	0.16 -	7.45	1668.	55.	7.
1373	0000	-811	37.2825	81.2589	MBP	1.1 +	1.3	8.2 +	1.15 -	0.16 -	7.24	1628.	57.	7.
1374	0000	-811	37.2825	81.2583	MBP	1.1 +	1.2 -	8.2 +	1.08 --	0.15 --	7.36	1594.	57.	6.
1375	0000	-810	37.2825	81.2577	MBP	1.1 +	1.3	8.1 +	1.24 -	0.17 -	7.53	1568.	57.	5.
1376	0000	-806	37.2825	81.2571	MBP	1.1 +	1.4	8.2 +	1.33 -	0.18 -	7.54	1561.	58.	4.
1377	0000	-804	37.2825	81.2566	MBP	1.1 +	1.6	8.2 +	1.38 -	0.19 -	7.24	1565.	58.	3.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-805	37.2825	81.2560		MBP	1.1 +	1.8	8.2 +	1.60	0.21	7.43	1576.	57.	2.
1379	0000	-805	37.2825	81.2554		MBP	1.1 +	2.0	8.1 +	1.80	0.25	7.28	1571.	57.	1.
1380	0000	-803	37.2825	81.2549		MBP	1.2 +	2.2 +	7.7 +	1.90	0.28	6.67 -	1583.	55.	1.
1381	0000	-801	37.2825	81.2543		MBP	1.2 +	2.3 +	7.5 +	2.01	0.31	6.43 -	1585.	56.	0.
1382	0000	-803	37.2825	81.2537		MBP	1.1 +	2.3 +	7.2	2.09	0.32	6.48 -	1558.	54.	0.
1383	0000	-808	37.2825	81.2531		MBP	1.1 +	2.4 +	6.9	2.16	0.35	6.24 -	1530.	53.	0.
1384	0000	-815	37.2825	81.2526		MBP	1.1 +	2.4 +	6.6	2.29	0.37 +	6.26 -	1479.	52.	0.
1385	0000	-815	37.2825	81.2520		MBP	1.1 +	2.3 +	6.5	2.16	0.35 +	6.12 -	1430.	52.	0.
1386	0000	-800	37.2825	81.2515		MBP	1.0 +	2.1	6.6	2.05	0.32	6.38 -	1404.	51.	0.
1387	0000	-785	37.2825	81.2509		MBP	1.0 +	1.8	7.3	1.88	0.25	7.40	1389.	51.	0.
1388	0000	-787	37.2824	81.2503		MBP	1.0	2.0	7.7 +	2.07	0.26	8.05	1419.	50.	0.
1389	0000	-797	37.2824	81.2498		MBP	1.0 +	2.2 +	8.3 +	2.11	0.26	8.03	1497.	50.	0.
1390	0000	-799	37.2824	81.2492		MBP	1.1 +	2.2 +	8.9 ++	2.02	0.24	8.38	1574.	57.	1.
1391	0000	-797	37.2824	81.2486		MBP	1.2 +	2.0	9.5 ++	1.69	0.21	7.96	1684.	56.	1.
1392	0000	-796	37.2824	81.2480		MBP	1.3 ++	2.2 +	9.7 ++	1.67	0.22	7.56	1767.	56.	1.
1393	0000	-795	37.2824	81.2475		MBP	1.4 ++	2.2 +	9.8 ++	1.59	0.22	7.19	1823.	56.	2.
1394	0000	-793	37.2824	81.2469		MBP	1.4 ++	2.3 +	9.5 ++	1.65	0.24	6.79 -	1845.	57.	3.
1395	0000	-794	37.2824	81.2463		MBP	1.3 ++	2.3 +	9.5 ++	1.75	0.24	7.19	1832.	56.	3.
1396	0000	-794	37.2824	81.2457		MBP	1.2 ++	2.2 +	9.5 ++	1.78	0.23	7.72	1792.	57.	3.
1397	0000	-791	37.2824	81.2451		MBP	1.2 +	1.9	9.4 ++	1.56 -	0.20	7.76	1755.	54.	5.
1398	0000	-791	37.2824	81.2446		MBP	1.1 +	2.2 +	8.8 ++	2.08	0.25	8.26	1687.	54.	4.
1399	0000	-793	37.2824	81.2440		MBP	1.0 +	2.1	8.5 +	2.10	0.25	8.42	1632.	54.	6.
1400	0000	-792	37.2824	81.2434		MBP	0.9	2.0	8.7 +	2.07	0.22	9.25	1591.	55.	6.
1401	0000	-791	37.2824	81.2428		MBP	0.9	1.9	8.7 +	2.14	0.22	9.62	1572.	56.	8.
1402	0000	-792	37.2824	81.2423		MBP	1.0	1.7	8.2 +	1.74	0.20	8.54	1535.	58.	10.
1403	0000	-792	37.2824	81.2418		MBP	1.0 +	1.5	7.7 +	1.45 -	0.19 -	7.57	1521.	55.	11.
1404	0000	-790	37.2824	81.2412		MBP	1.0 +	1.7	7.1	1.76	0.24	7.28	1509.	54.	11.
1405	0000	-790	37.2824	81.2406		MBP	1.0 +	1.4	7.7 +	1.39 -	0.18 -	7.69	1521.	52.	11.
1406	0000	-792	37.2824	81.2401		MBP	1.0 +	1.4	7.8 +	1.38 -	0.17 -	7.93	1545.	54.	11.
1407	0000	-793	37.2823	81.2394		MBP	1.0 +	1.5	8.2 +	1.47 -	0.18 -	8.04	1593.	53.	10.
1408	0000	-790	37.2823	81.2389		MBP	1.1 +	1.5	8.8 ++	1.38 -	0.17 -	8.35	1627.	51.	8.
1409	0000	-788	37.2823	81.2383		MBP	1.1 +	1.5	9.4 ++	1.46 -	0.16 -	8.92	1664.	49.	6.
1410	0000	-787	37.2823	81.2377		MBP	1.1 +	1.6	9.8 ++	1.54 -	0.17 -	9.23	1678.	50.	4.
1411	0000	-787	37.2823	81.2372		MBP	1.0 +	1.7	9.9 ++	1.66	0.17 -	9.54	1682.	48.	3.
1412	0000	-786	37.2823	81.2366		MBP	1.1 +	1.7	9.6 ++	1.58 -	0.18 -	8.83	1690.	50.	2.
1413	0000	-786	37.2823	81.2360		MBP	1.1 +	1.8	10.1 +++	1.73	0.18 -	9.54	1696.	50.	1.
1414	0000	-785	37.2823	81.2355		MBP	1.0 +	2.0	9.4 ++	1.93	0.22	8.95	1675.	50.	0.
1415	0000	-783	37.2823	81.2348		MBP	1.0 +	2.2 +	8.9 ++	2.09	0.24	8.56	1682.	53.	0.
1416	0000	-783	37.2823	81.2343		MBP	1.1 +	2.4 +	8.8 ++	2.19	0.27	8.05	1684.	53.	0.
1417	0000	-783	37.2823	81.2337		MBP	1.1 +	2.3 +	8.6 +	2.11	0.27	7.78	1665.	54.	1.
1418	0000	-783	37.2823	81.2332		MBP	1.1 +	2.2 +	8.4 +	1.96	0.26	7.60	1655.	55.	2.
1419	0000	-784	37.2823	81.2325		MBP	1.0 +	2.4 +	8.1 +	2.35	0.30	7.88	1630.	52.	3.
1420	0000	-784	37.2823	81.2321		MBP	1.1 +	2.3 +	7.4	2.15	0.31	7.00	1587.	52.	4.
1421	0000	-784	37.2823	81.2315		MBP	1.0 +	2.0	7.4	1.96	0.27	7.13	1581.	54.	5.
1422	0000	-785	37.2823	81.2309		MBP	1.0 +	2.0	7.1	1.93	0.28	6.96	1534.	54.	7.
1423	0000	-785	37.2823	81.2303		MBP	1.0	1.8	6.7	1.90	0.27	7.05	1492.	56.	7.
1424	0000	-786	37.282	81.2298		MBP	0.9	2.0	6.8	2.12	0.29	7.21	1497.	54.	7.
1425	0000	-785	37.2822	81.2292		MBP	1.0 +	2.1	6.8	2.07	0.31	6.79 -	1506.	57.	6.
1426	0000	-784	37.2822	81.2286		MBP	1.0 +	1.7	7.0	1.69	0.25	6.83 -	1498.	60.	5.
1427	0000	-785	37.2822	81.2280		MBP	1.1 +	1.9	6.8	1.73	0.27	6.32 -	1515.	60.	4.
1428	0000	-786	37.2822	81.2275		MBP	1.1 +	1.9	7.1	1.77	0.27	6.58 -	1490.	61.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-785	37.2823	81.2269	MBP	1.1 +	1.9	7.6 +	1.79	0.25	7.07	1488.	60.	2.
1430	0000	-785	37.2823	81.2263	MBP	1.1 +	2.0	7.6 +	1.84	0.26	7.07	1493.	57.	1.
1431	0000	-784	37.2823	81.2257	MBP	1.0 +	2.0	7.2	2.01	0.28	7.16	1448.	57.	0.
1432	0000	-783	37.2823	81.2252	MBP	0.9	1.9	7.0	2.11	0.28	7.66	1391.	56.	0.
1433	0000	-783	37.2823	81.2246	MBP	0.9	2.1	6.6	2.40	0.32	7.49	1359.	56.	1.
1434	0000	-783	37.2823	81.2240	MBP	0.8	2.0	6.6	2.58	0.31	8.36	1309.	55.	1.
1435	0000	-783	37.2822	81.2234	MBP	0.7	2.1	6.1	2.93	0.35	8.46	1269.	55.	1.
1436	0000	-782	37.2822	81.2228	MBP	0.7	2.0	5.7	3.01	0.36 +	8.44	1230.	53.	1.
1437	0000	-783	37.2822	81.2223	MBP	0.6	1.6	5.6	2.53	0.29	8.79	1181.	54.	2.
1438	0000	-783	37.2822	81.2218	MBP	0.7	1.6	5.5	2.43	0.29	8.42	1166.	54.	2.
1439	0000	-784	37.2822	81.2212	MBP	0.7	1.6	5.3	2.40	0.30	8.04	1143.	54.	3.
1440	0000	-783	37.2822	81.2206	MBP	0.7	1.4	5.1	2.05	0.27	7.72	1109.	52.	4.
1441	0000	-782	37.2822	81.2200	MBP	0.7	1.3	4.8 -	1.93	0.26	7.29	1060.	55.	4.
1442	0000	-782	37.2822	81.2195	MBP	0.7	1.1 -	4.9	1.61	0.21	7.50	1018.	54.	4.
1443	0000	-783	37.2822	81.2189	MBP	0.7	0.8 -	4.6 -	1.23 -	0.18 -	6.93	983.	56.	5.
1444	0000	-783	37.2822	81.2184	MBP	0.6	1.1 -	4.6 -	1.87	0.24	7.80	963.	57.	6.
1445	0000	-782	37.2822	81.2177	MBP	0.6	1.0 -	4.6 -	1.73	0.21	8.19	944.	58.	6.
1446	0000	-783	37.2822	81.2171	MBP	0.6	0.8 -	4.8 -	1.48 -	0.17 -	8.56	943.	60.	7.
1447	0000	-783	37.2822	81.2166	MBP	0.5	1.0 -	4.8 -	1.92	0.22	8.92	944.	62.	6.
1448	0000	-783	37.2822	81.2160	MBP	0.5	1.1 -	5.2	2.04	0.21	9.74	970.	60.	6.
1449	0000	-782	37.2822	81.2154	MBP	0.6	0.9 -	5.0	1.63	0.19 -	8.68	1002.	60.	7.
1450	0000	-782	37.2822	81.2149	MH	0.6	1.0 -	5.1 -	1.52	0.19 -	8.10	1024.	60.	7.
1451	0000	-782	37.2822	81.2143	MH	0.7	0.8 --	5.2 -	1.07 -	0.15 --	7.25	1041.	60.	7.
1452	0000	-783	37.2822	81.2137	MH	0.7	0.8 -	5.1 -	1.16 -	0.16 -	7.35	1031.	61.	6.
1453	0000	-783	37.2821	81.2132	MH	0.7	0.8 --	4.8 -	1.14 -	0.16 -	7.14	990.	62.	6.
1454	0000	-782	37.2821	81.2126	MH	0.7	0.6 --	4.9 -	0.87 --	0.12 --	7.18	962.	62.	5.
1455	0000	-782	37.2821	81.2120	MH	0.7	0.5 --	4.6 -	0.75 --	0.11 ---	6.87	924.	61.	6.
1456	0000	-783	37.2821	81.2115	MH	0.6	0.6 --	4.4 -	0.97 -	0.13 --	7.38	875.	61.	5.
1457	0000	-783	37.2821	81.2109	MH	0.5 -	0.8 -	4.1 -	1.60	0.19 -	8.27	826.	59.	5.
1458	0000	-781	37.2821	81.2103	MH	0.5 -	0.7 --	3.7 --	1.57	0.20	7.83	778.	60.	5.
1459	0000	-780	37.2821	81.2098	MH	0.5 -	0.6 --	3.5 --	1.24 -	0.17 -	7.46	742.	60.	6.
1460	0000	-781	37.2821	81.2092	MH	0.4 -	0.7 --	3.4 --	1.72	0.21	8.14	735.	58.	6.
1461	0000	-781	37.2821	81.2086	MH	0.4 -	0.7 --	3.2 --	1.90	0.22	8.45	715.	60.	6.
1462	0000	-780	37.2821	81.2080	MH	0.4 -	0.7 --	2.9 --	1.79	0.23	7.81	703.	62.	7.
1463	0000	-781	37.2820	81.2075	MBF-1	0.4	0.8 -	2.8 -	2.15 -	0.28	7.56 -	695.	63.	7.
1464	0000	-782	37.2821	81.2069	MBF-1	0.4	0.8 -	2.9 -	2.09 -	0.26	8.03	697.	64.	7.
1465	0000	-781	37.2821	81.2063	MBF-1	0.3	1.0	2.9 -	2.94	0.33	8.86	698.	63.	5.
1466	0000	-781	37.2821	81.2057	MBF-1	0.3	1.1	3.1	3.24	0.35	9.29	708.	63.	4.
1467	0000	-781	37.2821	81.2052	MBF-1	0.4	1.0	3.2	2.56	0.30	8.44	713.	64.	4.
1468	0000	-781	37.2821	81.2046	MBF-1	0.4	0.9 -	3.4	2.23 -	0.26	8.64	744.	61.	4.
1469	0000	-781	37.2821	81.2040	MBF-1	0.4	1.1	3.7	2.83	0.30	9.28	763.	60.	4.
1470	0000	-781	37.2821	81.2034	MBF-1	0.5	1.0	3.7	2.19 -	0.26	8.27	785.	59.	4.
1471	0000	-781	37.2821	81.2029	MBF-1	0.5	0.9 -	3.7	1.90 -	0.25 -	7.70 -	808.	59.	4.
1472	0000	-782	37.2820	81.2023	MBF-1	0.5	0.8 -	3.8	1.62 -	0.22 -	7.50 -	842.	58.	5.
1473	0000	-782	37.2820	81.2017	MBF-1	0.6 +	0.7 -	4.1	1.25 --	0.17 --	7.25 -	883.	58.	6.
1474	0000	-782	37.2820	81.2012	MBF-2	0.6 -	0.9 --	4.3 --	1.40	0.20	7.05	949.	55.	6.
1475	0000	-782	37.2820	81.2007	MBF-2	0.6 -	1.0 -	4.4 --	1.62	0.23	6.89	990.	57.	5.
1476	0000	-782	37.2820	81.2000	MBF-2	0.7 -	0.9 -	5.0 -	1.36	0.19 -	7.28	1062.	57.	5.
1477	0000	-783	37.2820	81.1995	MBF-2	0.7 -	1.2 -	5.4 -	1.74	0.22	7.94	1116.	56.	4.
1478	0000	-784	37.2820	81.1989	MBF-2	0.8 -	1.2 -	5.5 -	1.57	0.22	7.07	1174.	57.	4.
1479	0000	-782	37.2820	81.1983	MBF-2	0.9	1.4	5.6 -	1.66	0.25	6.56	1242.	58.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-783	37.2820	81.1977	MBF-2	0.9	1.6	5.9 -	1.76	0.27	6.59	1289.	59.	4.
1481	0000	-784	37.2820	81.1972	MBF-2	0.9	1.4 -	6.3	1.52	0.22	6.85	1324.	61.	5.
1482	0000	-785	37.2820	81.1966	MBF-2	0.9	1.5	6.7	1.59	0.23	7.08	1360.	58.	5.
1483	0000	-788	37.2820	81.1960	MBF-2	1.0	1.6	6.5	1.57	0.25	6.41	1374.	58.	5.
1484	0000	-787	37.2820	81.1955	MBF-2	1.0	1.6	6.4	1.53	0.25	6.18	1386.	60.	5.
1485	0000	-789	37.2820	81.1949	MBF-2	1.0	1.7	6.8	1.65	0.25	6.65	1391.	58.	4.
1486	0000	-792	37.2820	81.1943	MBF-2	1.0	1.6	7.2	1.60	0.22	7.35	1404.	57.	4.
1487	0000	-793	37.2820	81.1937	MBF-2	1.0	1.6	7.1	1.70	0.23	7.45	1428.	53.	4.
1488	0000	-792	37.2820	81.1932	MBF-2	1.0	1.8	7.1	1.91	0.26	7.42	1442.	52.	3.
1489	0000	-788	37.2820	81.1926	MBF-2	1.0	1.5	6.8	1.53	0.23	6.71	1431.	55.	5.
1490	0000	-774	37.2820	81.1920	MBF-2	0.9	1.5	6.7	1.61	0.23	7.10	1420.	56.	6.
1491	0000	-727	37.2819	81.1914	MBF-2	1.0	1.5	6.7	1.52	0.22	7.02	1410.	55.	6.
1492	0000	-657	37.2819	81.1909	MBF-2	1.0	1.4	6.8	1.50	0.21	7.05	1416.	55.	7.
1493	0000	-646	37.2819	81.1904	MBF-2	1.0	1.3 -	6.6	1.34	0.20	6.68	1398.	55.	7.
1494	0000	-710	37.2819	81.1898	MBF-2	1.0	1.4 -	6.7	1.37	0.21	6.61	1382.	57.	7.
1495	0000	-770	37.2819	81.1892	MBF-2	1.0	1.4 -	6.4	1.39	0.22	6.40	1374.	55.	7.
1496	0000	-791	37.2819	81.1886	MBF-2	1.0	1.6	6.6	1.65	0.25	6.71	1384.	53.	6.
1497	0000	-795	37.2819	81.1880	MBF-2	1.1	1.5	7.1	1.45	0.22	6.66	1416.	52.	6.
1498	0000	-795	37.2819	81.1875	MBF-2	1.1	1.6	6.9	1.48	0.24	6.19	1452.	52.	5.
1499	0000	-794	37.2819	81.1869	MBF-2	1.1	1.8	6.7	1.58	0.27	5.94	1451.	52.	4.
1500	0000	-791	37.2819	81.1863	MBF-2	1.1	2.1	6.5	1.86	0.32	5.74 -	1466.	55.	3.
1501	0000	-789	37.2819	81.1857	MBF-2	1.1	2.3	6.3	2.07	0.37 +	5.64 -	1477.	54.	3.
1502	0000	-789	37.2819	81.1852	MBF-2	1.1	2.4	6.3	2.18	0.37 +	5.86	1482.	57.	3.
1503	0000	-788	37.2819	81.1846	MBF-2	1.1	2.4	5.9 -	2.20	0.41 ++	5.42 -	1495.	61.	3.
1504	0000	-788	37.2819	81.1840	MBF-2	1.0	2.5 +	5.5 -	2.36	0.45 ++	5.26 -	1469.	60.	2.
1505	0000	-788	37.2819	81.1834	MG	1.0	2.3	5.7 -	2.29	0.41	5.61 -	1457.	62.	3.
1506	0000	-786	37.2819	81.1829	MG	1.0	2.2	5.8 -	2.10	0.37	5.67 -	1470.	62.	4.
1507	0000	-784	37.2819	81.1823	MG	1.0	1.9	5.7 -	1.86	0.34	5.45 -	1471.	62.	5.
1508	0000	-783	37.2819	81.1817	MG	1.1	1.8	5.9 -	1.64	0.30	5.39 -	1490.	63.	4.
1509	0000	-784	37.2819	81.1811	MG	1.2	1.6 -	5.9 -	1.35 -	0.27	4.92 -	1498.	61.	4.
1510	0000	-761	37.2835	81.1790	MG	1.2	1.6 -	6.1	1.37 -	0.27	5.14 -	1499.	59.	4.
1511	0000	-762	37.2834	81.1784	MG	1.1	1.8	6.2	1.55 -	0.29	5.41 -	1499.	63.	4.
1512	0000	-761	37.2834	81.1777	MG	1.1	1.9	6.4	1.67	0.29	5.69 -	1499.	62.	3.
1513	0000	-755	37.2834	81.1770	MG	1.1	2.0	6.2	1.83	0.32	5.79 -	1484.	61.	2.
1514	0000	-749	37.2834	81.1764	MG	1.0	2.1	6.3	2.03	0.33	6.19	1478.	58.	2.
1515	0000	-749	37.2834	81.1757	MG	1.0	2.1	6.0 -	2.17	0.35	6.13 -	1448.	59.	3.
1516	0000	-753	37.2833	81.1750	MG	0.9	2.4	6.1	2.60	0.40	6.56	1459.	57.	3.
1517	0000	-755	37.2833	81.1743	MG	0.9	2.5	6.0 -	2.72	0.41	6.62	1481.	56.	3.
1518	0000	-758	37.2833	81.1737	MG	1.0	2.5	5.9 -	2.55	0.43 +	5.96 -	1536.	52.	5.
1519	0000	-760	37.2833	81.1730	MG	1.0	2.5	6.0 -	2.41	0.41	5.89 -	1583.	51.	5.
1520	0000	-759	37.2833	81.1723	MG	1.1	2.5	6.5	2.29	0.38	5.96 -	1642.	51.	5.
1521	0000	-759	37.2832	81.1716	MG	1.2	2.4	7.0	2.06	0.35	5.92 -	1692.	52.	6.
1522	0000	-759	37.2832	81.1709	MG	1.2	2.4	7.5	1.99	0.33	6.07 -	1747.	50.	6.
1523	0000	-758	37.2832	81.1703	MMP	1.2 +	2.5 +	7.6	2.05	0.33	6.17 -	1768.	54.	6.
1524	0000	-757	37.2832	81.1695	MMP	1.3 +	2.3	8.1	1.79 -	0.29	6.21 -	1814.	52.	7.
1525	0000	-756	37.2832	81.1689	MMP	1.3 +	2.2	8.5 +	1.68 -	0.25	6.61	1800.	55.	6.
1526	0000	-754	37.2832	81.1682	MMP	1.3 +	2.2	8.4 +	1.70 -	0.27	6.41 -	1802.	55.	6.
1527	0000	-750	37.2831	81.1675	MMP	1.3 +	2.2	8.6 +	1.61 -	0.25	6.42 -	1820.	57.	6.
1528	0000	-742	37.2831	81.1669	MMP	1.3 +	2.4	8.6 +	1.79 -	0.28	6.44 -	1838.	57.	5.
1529	0000	-733	37.2830	81.1662	MMP	1.4 +	2.3	8.8 +	1.67 -	0.26	6.46 -	1858.	57.	5.
1530	0000	-730	37.2830	81.1656	MMP	1.4 +	2.2	8.6 +	1.63 -	0.26	6.31 -	1843.	55.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-734	37.2831	81.1648	MMP	1.3 +	2.2	8.2	1.66 -	0.26	6.25 -	1772.	56.	3.
1532	0000	-741	37.2830	81.1642	MMP	1.3 +	2.2	7.8	1.69 -	0.28	5.90 -	1733.	57.	3.
1533	0000	-747	37.2830	81.1634	DMU	1.3 +	2.1	7.5	1.61	0.27	5.85	1687.	57.	2.
1534	0000	-751	37.2830	81.1628	DMU	1.2	2.1	7.0	1.73	0.30	5.74	1627.	58.	1.
1535	0000	-755	37.2829	81.1621	DMU	1.1	1.8	6.8	1.58	0.26	6.05	1554.	58.	1.
1536	0000	-759	37.2829	81.1615	DMU	1.1	1.7	6.4	1.60	0.26	6.12	1467.	59.	1.
1537	0000	-760	37.2829	81.1608	DMU	1.0	1.8	6.6	1.85	0.27	6.74	1431.	59.	1.
1538	0000	-760	37.2829	81.1601	DMU	0.9	1.9	6.7	2.01	0.28	7.17	1436.	60.	1.
1539	0000	-761	37.2829	81.1594	DMU	0.9	2.1	7.1	2.29	0.29	7.79 +	1481.	58.	2.
1540	0000	-761	37.2828	81.1587	DMU	0.9	2.4	7.4	2.67 +	0.32	8.35 +	1543.	57.	2.
1541	0000	-761	37.2828	81.1581	DMU	0.9	2.5	7.7	2.70 +	0.33	8.24 +	1599.	54.	3.
1542	0000	-761	37.2828	81.1574	DMU	1.0	2.7 +	7.9	2.68 +	0.34	7.85 +	1636.	57.	3.
1543	0000	-762	37.2827	81.1567	DMU	1.1	2.8 +	7.9	2.66 +	0.35 +	7.53	1671.	57.	3.
1544	0000	-763	37.2827	81.1560	DMU	1.1	2.5	7.7	2.31	0.33	7.04	1671.	56.	3.
1545	0000	-762	37.2827	81.1553	DMU	1.1	2.6	7.6	2.32	0.33	6.94	1650.	56.	3.
1546	0000	-762	37.2827	81.1547	DMU	1.1	2.5	7.3	2.29	0.34	6.83	1598.	58.	2.
1547	0000	-762	37.2827	81.1540	DMU	1.0	2.1	7.0	2.06	0.31	6.71	1507.	61.	2.
1548	0000	-762	37.2827	81.1533	DMU	1.0	1.9	6.5	1.92	0.29	6.64	1431.	64.	2.
1549	0000	-762	37.2827	81.1526	DMU	0.9	1.8	6.3	1.96	0.28	6.93	1397.	60.	2.
1550	0000	-762	37.2827	81.1520	DMU	0.9	1.8	6.1	2.07	0.30	6.98	1373.	62.	2.
1551	0000	-763	37.2826	81.1512	DMU	0.9	1.8	6.0	2.05	0.31	6.66	1391.	60.	2.
1552	0000	-763	37.2826	81.1506	DMU	0.9	1.7	6.0	1.90	0.28	6.72	1406.	62.	3.
1553	0000	-763	37.2826	81.1499	DMU	1.0	1.6	6.3	1.65	0.25 -	6.59	1429.	58.	3.
1554	0000	-764	37.2825	81.1492	DMU	1.0	1.8	6.8	1.83	0.26	7.04	1472.	56.	3.
1555	0000	-765	37.2825	81.1486	DMU	1.0	1.8	7.3	1.82	0.24 -	7.42	1523.	54.	3.
1556	0000	-766	37.2825	81.1479	DMU	1.1	1.8	7.6	1.69	0.24 -	7.09	1582.	54.	3.
1557	0000	-766	37.2825	81.1472	DMU	1.0	1.8	8.1	1.74	0.23 -	7.69 +	1618.	50.	3.
1558	0000	-766	37.2825	81.1465	DMU	1.1	1.7	8.2 +	1.61	0.21 --	7.75 +	1609.	53.	3.
1559	0000	-766	37.2824	81.1458	DMU	1.1	1.8	8.3 +	1.71	0.22 -	7.71 +	1622.	50.	2.
1560	0000	-767	37.2824	81.1451	DMU	1.0	1.9	8.1	1.83	0.24 -	7.70 +	1634.	55.	2.
1561	0000	-767	37.2824	81.1445	DMU	1.1	1.9	7.9	1.71	0.24 -	7.10	1668.	55.	2.
1562	0000	-766	37.2824	81.1438	DMU	1.2	2.0	7.8	1.73	0.26 -	6.76	1675.	58.	1.
1563	0000	-767	37.2824	81.1431	DMU	1.2	1.9	7.7	1.61	0.25 -	6.36	1674.	59.	1.
1564	0000	-768	37.2823	81.1424	DMU	1.3 +	1.8	7.5	1.42 -	0.24 -	5.99	1685.	62.	1.
1565	0000	-768	37.2823	81.1417	DMU	1.3 +	1.9	7.6	1.48 -	0.25 -	5.81	1708.	62.	0.
1566	0000	-768	37.2823	81.1411	DMU	1.4 +	2.0	7.5	1.42 -	0.26	5.45	1736.	61.	0.
1567	0000	-769	37.2823	81.1404	OB-1	1.4 +	2.0 +	7.6 +	1.41	0.27	5.31	1756.	58.	0.
1568	0000	-769	37.2823	81.1397	OB-1	1.4 +	1.9	7.3 +	1.30	0.26	5.05	1727.	56.	0.
1569	0000	-770	37.2823	81.1390	OB-1	1.4 +	1.8	6.7 +	1.30	0.28	4.71	1674.	55.	0.
1570	0000	-770	37.2822	81.1384	OB-1	1.3 +	1.9	6.1 +	1.42	0.31	4.63	1596.	54.	0.
1571	0000	-771	37.2822	81.1377	OB-1	1.3 +	2.0	5.5	1.46	0.35	4.14	1541.	56.	0.
1572	0000	-772	37.2822	81.1370	OB-1	1.3 +	1.8	5.7	1.40	0.32	4.36	1522.	54.	0.
1573	0000	-773	37.2822	81.1363	OB-1	1.3 +	1.9	5.3	1.49	0.36	4.09	1502.	55.	0.
1574	0000	-772	37.2822	81.1356	OB-1	1.3 +	1.7	5.0	1.38	0.35	4.01	1457.	55.	0.
1575	0000	-773	37.2821	81.1350	OB-1	1.2	1.8	4.7	1.51	0.38	3.98	1409.	55.	0.
1576	0000	-773	37.2821	81.1342	OB-1	1.2	1.6	4.7	1.38	0.34	4.02	1382.	54.	0.
1577	0000	-773	37.2821	81.1336	OB-1	1.2	1.6	4.4	1.32	0.35	3.79 -	1356.	53.	1.
1578	0000	-773	37.2820	81.1329	OB-1	1.1	1.5	4.5	1.34	0.34	3.94 -	1337.	53.	1.
1579	0000	-774	37.2820	81.1322	OB-1	1.1	1.5	4.1	1.40	0.38	3.68 -	1294.	54.	1.
1580	0000	-775	37.2820	81.1316	OB-1	1.0	1.3	4.0	1.30	0.33	3.93 -	1219.	54.	1.
1581	0000	-775	37.2820	81.1309	OB-1	1.0	1.5	3.9	1.49	0.38	3.96	1169.	56.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-777	37.2820	81.1302	OB-1	1.0	1.2	3.8	1.25	0.31	3.96	1131.	58.	2.
1583	0000	-779	37.2819	81.1295	OB-1	0.9	1.3	3.7	1.40	0.34	4.10	1085.	59.	3.
1584	0000	-778	37.2819	81.1288	OB-1	0.8	1.3	3.8	1.62	0.35	4.58	1058.	58.	3.
1585	0000	-778	37.2819	81.1281	OB-1	0.8	1.2	3.9	1.53	0.31	4.95	1011.	59.	4.
1586	0000	-780	37.2819	81.1275	OB-1	0.7	1.1	3.7	1.65	0.31	5.26	961.	59.	4.
1587	0000	-780	37.2819	81.1268	OB-1	0.7	1.1 -	3.8	1.54	0.28	5.46	941.	58.	5.
1588	0000	-781	37.2818	81.1261	OSP	0.7	1.1 -	3.9 -	1.48 -	0.27	5.51 -	937.	58.	4.
1589	0000	-782	37.2818	81.1255	OSP	0.7	1.2	4.1 -	1.80	0.30	5.96 -	961.	56.	3.
1590	0000	-783	37.2818	81.1247	OSP	0.7	1.3	4.5	1.77	0.29	6.19 -	997.	56.	3.
1591	0000	-785	37.2818	81.1241	OSP	0.8	1.2	4.7	1.52 -	0.26	5.96 -	1029.	57.	4.
1592	0000	-786	37.2818	81.1234	OSP	0.8	1.2	5.2	1.42 -	0.23	6.30 -	1063.	56.	4.
1593	0000	-789	37.2818	81.1228	OSP	0.9	1.0 -	5.2	1.18 -	0.20 -	5.99 -	1098.	56.	6.
1594	0000	-793	37.2817	81.1220	OSP	0.8	1.1 -	5.0	1.31 -	0.22	6.02 -	1113.	60.	7.
1595	0000	-798	37.2817	81.1214	OSP	0.8	1.0 -	5.2	1.24 -	0.19 -	6.62 -	1137.	59.	9.
1596	0000	-803	37.2817	81.1207	OSP	0.8	0.7 -	5.7	0.90 -	0.13 -	6.94	1171.	60.	10.
1597	0000	-805	37.2817	81.1201	OSP	0.8	0.6 --	5.7	0.67 --	0.10 --	6.87	1199.	63.	12.
1598	0000	-801	37.2817	81.1194	OSP	0.8	0.5 --	5.9	0.61 --	0.08 --	7.29	1249.	62.	12.
1599	0000	-798	37.2817	81.1188	OSP	0.8	0.7 -	6.2	0.85 -	0.12 --	7.31	1289.	62.	11.
1600	0000	-794	37.2817	81.1182	OSP	0.8	1.0 -	6.5	1.22 -	0.16 -	7.63	1324.	62.	9.
1601	0000	-790	37.2818	81.1176	OTBR	0.9 +	1.1	7.1 +	1.24 -	0.15 -	8.27	1342.	60.	7.
1602	0000	-790	37.2818	81.1169	OTBR	0.8 +	1.1	7.4 +	1.26 -	0.14 -	8.78	1331.	61.	6.
1603	0000	-790	37.2818	81.1163	OTBR	0.8 +	1.1	7.0 +	1.48 -	0.16 -	9.09	1278.	60.	5.
1604	0000	-789	37.2818	81.1157	OTBR	0.7	1.5	6.7	2.15	0.22	9.56	1232.	57.	2.
1605	0000	-788	37.2818	81.1151	OTBR	0.6	1.7	6.4	2.66	0.27	9.91	1174.	54.	1.
1606	0000	-789	37.2818	81.1145	OTBR	0.6	1.7	6.1	2.62	0.27	9.62	1155.	55.	1.
1607	0000	-790	37.2818	81.1138	OTBR	0.6	1.6	5.9	2.47	0.27	9.25	1137.	55.	1.
1608	0000	-791	37.2818	81.1132	OTBR	0.7	1.6	5.7	2.29	0.27	8.33	1159.	54.	1.
1609	0000	-791	37.2818	81.1126	OTBR	0.7	1.6	5.7	2.23	0.29	7.77 -	1180.	54.	1.
1610	0000	-790	37.2819	81.1120	OTBR	0.8 +	1.9 +	5.5	2.46	0.35 +	7.01 -	1204.	55.	0.
1611	0000	-790	37.2819	81.1113	OTBR	0.8 +	1.8 +	5.6	2.18	0.33	6.69 -	1214.	57.	0.
1612	0000	-791	37.2819	81.1108	OM	0.9 ++	1.8 +	6.0	2.06	0.31	6.74 -	1259.	59.	0.
1613	0000	-791	37.2819	81.1101	OM	0.8 +	1.8 +	6.1 +	2.18	0.30	7.24	1254.	57.	0.
1614	0000	-791	37.2819	81.1094	OM	0.8 +	1.8 +	6.2 +	2.23	0.30	7.55	1231.	58.	1.
1615	0000	-792	37.2819	81.1089	OM	0.7 +	1.8 +	6.1 +	2.45	0.29	8.40	1167.	60.	1.
1616	0000	-793	37.2819	81.1082	OM	0.6	1.7 +	5.5	2.68	0.32	8.46	1109.	61.	2.
1617	0000	-794	37.2819	81.1076	OM	0.6	1.5	5.8	2.66	0.26	10.05	1062.	61.	3.
1618	0000	-794	37.2820	81.1070	OM	0.5	1.3	5.6	2.46	0.22	10.94	1019.	59.	4.
1619	0000	-794	37.2820	81.1064	OM	0.4	1.1 -	5.0	2.47	0.21 -	11.78	927.	59.	5.
1620	0000	-795	37.2820	81.1057	OM	0.4	1.0 -	4.5	2.70	0.23	11.67	864.	60.	6.
1621	0000	-795	37.2820	81.1051	OJO	0.4	0.8 -	4.5	2.27	0.18 -	12.60	817.	60.	7.
1622	0000	-796	37.2820	81.1045	OJO	0.4	0.8 -	4.3	2.30	0.20 -	11.67	811.	58.	8.
1623	0000	-796	37.2821	81.1038	OJO	0.4	0.7 -	3.9	1.76 -	0.17 -	10.33	781.	58.	9.
1624	0000	-797	37.2821	81.1033	OJO	0.4	0.6 --	3.4 -	1.49 -	0.17 -	8.73	765.	59.	10.
1625	0000	-798	37.2821	81.1026	OJO	0.3	0.9 -	3.1 --	2.49	0.28	8.94	762.	61.	10.
1626	0000	-798	37.2821	81.1020	OJO	0.4	0.9	3.0 --	2.48	0.32	7.83 -	774.	61.	11.
1627	0000	-799	37.2821	81.1014	OJO	0.4	0.9	3.4 -	2.16	0.26	8.20 -	810.	61.	11.
1628	0000	-799	37.2821	81.1008	OJO	0.4	0.9	3.3 -	2.22	0.29	7.67 -	846.	60.	10.
1629	0000	-799	37.2821	81.1001	OJO	0.5	0.9	3.8	1.92 -	0.24	7.90 -	892.	60.	10.
1630	0000	-801	37.2821	81.0995	OJO	0.5	1.0	4.2	1.98	0.25	8.01 -	943.	60.	8.
1631	0000	-800	37.2821	81.0989	OJO	0.6 +	1.1	4.5	1.90 -	0.24	7.91 -	987.	61.	8.
1632	0000	-800	37.2822	81.0982	OJO	0.7 +	1.0	5.1	1.49 -	0.20 -	7.55 -	1031.	62.	7.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-802	37.2822	81.0977	OJO	0.7 ++	0.8 -	5.2	1.11 --	0.16 -	7.10 -	1070.	61.	7.
1634	0000	-802	37.2822	81.0970	OJO	0.8 ++	0.8 -	5.3	1.02 --	0.15 --	6.89 -	1086.	63.	8.
1635	0000	-802	37.2822	81.0964	OJO	0.8 ++	0.9	5.2	1.10 --	0.17 -	6.30 -	1109.	63.	7.
1636	0000	-803	37.2822	81.0958	ST	0.8 +	1.1	4.8	1.31 -	0.23	5.66 -	1125.	66.	6.
1637	0000	-802	37.2822	81.0951	ST	0.9 +	1.2	4.9	1.40 -	0.24	5.71 -	1152.	65.	5.
1638	0000	-801	37.2822	81.0945	ST	0.9 +	1.4	4.9	1.49 -	0.28	5.38 -	1176.	66.	4.
1639	0000	-801	37.2822	81.0939	ST	0.9 +	1.5	4.8	1.61 -	0.31	5.28 -	1176.	64.	4.
1640	0000	-802	37.2823	81.0933	ST	0.9 +	1.7	5.1	1.94	0.33	5.91 -	1169.	66.	2.
1641	0000	-803	37.2823	81.0926	ST	0.8 +	1.9	4.7	2.24	0.40 +	5.62 -	1167.	64.	0.
1642	0000	-804	37.2823	81.0921	ST	0.8 +	1.8	4.8	2.35	0.37	6.28 -	1162.	65.	1.
1643	0000	-803	37.2823	81.0914	ST	0.7	1.7	4.9	2.31	0.34	6.70	1133.	64.	1.
1644	0000	-802	37.2823	81.0907	ST	0.7	1.6	5.1	2.20	0.31	7.09	1113.	63.	1.
1645	0000	-803	37.2823	81.0902	ST	0.7	1.4	5.0	2.08	0.29	7.21	1097.	60.	2.
1646	0000	-804	37.2823	81.0896	ST	0.7	1.3	5.0	1.80	0.26	7.04	1083.	61.	3.
1647	0000	-804	37.2823	81.0889	ST	0.7	1.2	4.8	1.69 -	0.25	6.69	1077.	63.	4.
1648	0000	-804	37.2823	81.0883	ST	0.7	1.1 -	4.9	1.49 -	0.22	6.75	1065.	62.	5.
1649	0000	-806	37.2824	81.0876	ST	0.7	1.1	4.8	1.55 -	0.24	6.47	1040.	61.	5.
1650	0000	-805	37.2824	81.0871	ST	0.7	1.1	4.5	1.59 -	0.25	6.47	1012.	60.	5.
1651	0000	-804	37.2824	81.0864	ST	0.7	1.2	3.9	1.84	0.32	5.66 -	975.	62.	5.
1652	0000	-804	37.2824	81.0858	STC-1	0.6 ++	1.3	3.6 +	2.07 -	0.35	5.85 --	930.	64.	5.
1653	0000	-805	37.2825	81.0851	STC-1	0.5 ++	1.3	3.5	2.33 -	0.36	6.49 --	894.	65.	5.
1654	0000	-806	37.2825	81.0846	STC-1	0.5 ++	1.3	3.4	2.44 -	0.37	6.61 --	857.	63.	4.
1655	0000	-806	37.2825	81.0839	STC-1	0.5 ++	1.2	3.4	2.49 -	0.35	7.05 --	822.	67.	3.
1656	0000	-806	37.2825	81.0833	STC-1	0.5 ++	1.0	3.2	2.24 -	0.32	6.97 --	783.	70.	4.
1657	0000	-807	37.2825	81.0827	STC-1	0.5 ++	0.9	3.1	1.91 -	0.30	6.42 --	756.	71.	4.
1658	0000	-807	37.2825	81.0821	STC-1	0.5 ++	0.7 -	3.0	1.59 --	0.24 -	6.59 --	724.	71.	4.
1659	0000	-808	37.2825	81.0814	STC-1	0.4 +	0.7 -	3.1	1.68 --	0.23 -	7.37 -	706.	69.	4.
1660	0000	-808	37.2825	81.0808	STC-1	0.4 +	0.8	3.0	2.04 --	0.27	7.60 -	679.	70.	4.
1661	0000	-809	37.2825	81.0802	STC-1	0.3 +	0.9	2.8	2.64 -	0.32	8.18 -	659.	71.	4.
1662	0000	-807	37.2826	81.0795	STC-1	0.3 +	0.9	2.7	2.88	0.35	8.26 -	645.	68.	5.
1663	0000	-808	37.2826	81.0790	STC-1	0.3	1.0	2.4	3.60	0.42	8.54 -	633.	66.	5.
1664	0000	-809	37.2826	81.0783	STC-1	0.3	1.2	2.5	4.01	0.46	8.66 -	623.	68.	5.
1665	0000	-808	37.2826	81.0777	STC-1	0.3	1.1	2.6	4.36	0.45	9.76	637.	68.	5.
1666	0000	-807	37.2826	81.0771	STC-1	0.2	1.2	2.4	5.26	0.48	10.89	635.	67.	6.
1667	0000	-809	37.2827	81.0764	STC-1	0.2	1.1	2.3 -	4.66	0.50 +	9.29 -	653.	67.	6.
1668	0000	-810	37.2827	81.0758	STC-1	0.3	1.0	2.6	3.31	0.38	8.75 -	659.	66.	5.
1669	0000	-811	37.2827	81.0751	STC-1	0.3	1.0	2.7	3.80	0.38	10.07	667.	67.	5.
1670	0000	-811	37.2827	81.0746	STC-1	0.3	1.1	2.8	4.09	0.39	10.38	695.	67.	4.
1671	0000	-811	37.2827	81.0739	STC-1	0.3	1.0	3.0	3.76	0.33	11.32	727.	67.	4.
1672	0000	-812	37.2827	81.0733	STC-1	0.3	1.1	3.4	3.68	0.33	10.99	758.	66.	3.
1673	0000	-810	37.2827	81.0727	STC-1	0.4 +	1.2	3.8 +	3.35	0.31	10.75	789.	68.	3.
1674	0000	-810	37.2827	81.0721	STC-2	0.4	1.3	4.2 -	3.26	0.30	10.86	820.	67.	2.
1675	0000	-813	37.2828	81.0714	STC-2	0.4	1.4	4.4 -	4.00	0.33	12.18	847.	66.	2.
1676	0000	-813	37.2828	81.0708	STC-2	0.4	1.5	4.4	4.19	0.35	12.09	860.	67.	1.
1677	0000	-813	37.2828	81.0702	STC-2	0.4	1.5	4.7	3.96	0.32	12.42	875.	64.	1.
1678	0000	-813	37.2828	81.0695	STC-2	0.4	1.6	4.8	4.25	0.34	12.67	873.	64.	1.
1679	0000	-812	37.2828	81.0690	STC-2	0.3	1.6	4.9	4.83 +	0.34	14.38	858.	64.	1.
1680	0000	-812	37.2828	81.0683	STC-2	0.3	1.7	4.9	5.85 +	0.35	16.59	856.	62.	2.
1681	0000	-814	37.2828	81.0677	STC-2	0.3 -	1.6	4.8	6.41 +	0.34	18.96 +	854.	59.	2.
1682	0000	-814	37.2828	81.0671	STC-2	0.2 -	1.7	4.8	6.98 +	0.36 +	19.44 +	865.	58.	3.
1683	0000	-814	37.2828	81.0664	STC-2	0.3 -	1.6	4.9	6.00 +	0.33	18.16 +	871.	58.	3.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-814	37.2829	81.0658	STC-2	0.3	1.6	5.0	5.55 +	0.32	17.11	876.	58.	3.
1685	0000	-813	37.2829	81.0652	STC-2	0.3	1.4	4.9	4.99 +	0.28	17.52 +	887.	58.	4.
1686	0000	-814	37.2829	81.0646	STC-2	0.3 -	1.3	5.1	5.03 +	0.26	19.43 +	893.	56.	5.
1687	0000	-814	37.2829	81.0639	STC-2	0.3	1.1	5.1	3.81	0.22	17.42 +	897.	58.	5.
1688	0000	-812	37.2830	81.0634	STC-2	0.3	1.3	5.0	4.32	0.26	16.42	902.	61.	5.
1689	0000	-814	37.2830	81.0627	STC-2	0.4	1.1	4.9	3.11	0.22	13.90	907.	62.	5.
1690	0000	-814	37.2830	81.0621	STC-2	0.3	1.1	4.9	3.42	0.23	14.86	900.	62.	5.
1691	0000	-812	37.2830	81.0615	STC-2	0.3	1.1	5.1	3.65	0.22	16.57	893.	64.	4.
1692	0000	-813	37.2830	81.0609	STC-2	0.3	1.4	5.3	4.41	0.26	17.19	897.	63.	3.
1693	0000	-815	37.2830	81.0602	STC-2	0.4	1.5	5.0	3.68	0.30	12.42	916.	62.	3.
1694	0000	-815	37.2830	81.0596	STC-2	0.5	1.6	4.8	3.55	0.33	10.66	939.	61.	2.
1695	0000	-814	37.2830	81.0590	STC-2	0.5	1.5	5.1	2.81	0.29	9.84	965.	60.	1.
1696	0000	-815	37.2830	81.0583	STC-2	0.5	1.5	5.3	3.02	0.29	10.41	971.	61.	0.
1697	0000	-816	37.2831	81.0577	STC-2	0.5	1.5	5.3	2.71	0.28	9.82	974.	61.	1.
1698	0000	-815	37.2831	81.0571	STC-2	0.5	1.4	5.0	2.51	0.27	9.13	956.	61.	2.
1699	0000	-815	37.2831	81.0565	STC-2	0.5	1.2	4.6	2.34	0.27	8.73	931.	61.	4.
1700	0000	-817	37.2831	81.0559	STC-2	0.5	1.2	4.7	2.56	0.25	10.33	916.	61.	5.
1701	0000	-816	37.2831	81.0552	STC-2	0.4	1.0	4.7	2.32	0.21	10.96	881.	61.	7.
1702	0000	-816	37.2831	81.0546	STC-2	0.3	0.9 -	4.3 -	2.71	0.22	12.58	834.	64.	9.
1703	0000	-818	37.2831	81.0540	STC-1	0.3	0.8	3.8 +	2.95	0.22 -	13.63	807.	63.	11.
1704	0000	-818	37.2831	81.0534	STC-1	0.3	0.8	3.5	2.64 -	0.21 -	12.35	799.	63.	11.
1705	0000	-817	37.2831	81.0527	STC-1	0.3	0.8	3.2	3.28	0.27	12.34	797.	62.	11.
1706	0000	-818	37.2832	81.0521	STC-1	0.3	0.9	3.1	2.96	0.27	10.80	803.	62.	11.
1707	0000	-819	37.2832	81.0515	STC-1	0.3	0.9	2.8	3.21	0.31	10.33	768.	64.	9.
1708	0000	-819	37.2832	81.0509	STC-1	0.2	1.1	2.5	4.61	0.44	10.45	748.	66.	7.
1709	0000	-818	37.2832	81.0503	STC-1	0.2	1.2	2.7	5.51	0.46	11.95	758.	62.	5.
1710	0000	-817	37.2832	81.0496	STC-1	0.2	1.4	2.9	5.81	0.47	12.38	763.	62.	3.
1711	0000	-819	37.2832	81.0490	STC-1	0.2	1.6 +	3.1	7.36 +	0.51 +	14.55	770.	61.	2.
1712	0000	-819	37.2832	81.0484	STC-1	0.2	1.6 +	3.3	7.16 +	0.48	14.80	774.	63.	1.
1713	0000	-819	37.2832	81.0477	STC-1	0.2	1.8 +	3.5	10.23 +	0.52 +	19.70 +	779.	60.	0.
1714	0000	-820	37.2832	81.0471	STC-1	0.2	1.7 +	3.8 +	9.51 +	0.45	21.03 +	804.	58.	1.
1715	0000	-819	37.2833	81.0466	STC-2	0.2 -	1.6	4.1 -	7.56 +	0.40 +	18.91 +	841.	55.	1.
1716	0000	-819	37.2833	81.0459	STC-1	0.2	1.7 +	3.9 +	7.48 +	0.43	17.26 +	853.	56.	1.
1717	0000	-820	37.2833	81.0452	STC-1	0.3	1.6 +	3.9 +	6.21	0.42	14.71	874.	56.	2.
1718	0000	-821	37.2833	81.0446	STC-1	0.3	1.7 +	3.9 +	6.24	0.43	14.53	891.	56.	2.
1719	0000	-821	37.2834	81.0441	STC-1	0.3	1.6 +	3.8 +	5.52	0.42	13.25	909.	53.	3.
1720	0000	-820	37.2834	81.0434	STC-1	0.3	1.6 +	3.9 +	5.55	0.42	13.33	926.	53.	3.
1721	0000	-819	37.2834	81.0428	STC-1	0.3	1.8 +	3.9 +	5.74	0.46	12.42	935.	54.	2.
1722	0000	-818	37.2834	81.0421	STC-1	0.3	1.9 +	3.9 +	5.95	0.49	12.25	930.	54.	1.
1723	0000	-820	37.2834	81.0415	STC-2	0.3	1.7	4.1 -	4.89 +	0.41 +	12.02	912.	55.	2.
1724	0000	-820	37.2834	81.0409	STC-2	0.3	1.7	4.3 -	5.14 +	0.39 +	13.04	890.	54.	1.
1725	0000	-820	37.2834	81.0403	STC-2	0.3	1.5	4.2 -	4.80 +	0.35	13.80	875.	53.	1.
1726	0000	-822	37.2834	81.0396	STC-2	0.3	1.6	4.6	5.13 +	0.35	14.51	894.	54.	1.
1727	0000	-823	37.2834	81.0391	STC-2	0.4	1.5	4.9	4.20	0.31	13.63	915.	56.	1.
1728	0000	-822	37.2835	81.0384	STC-2	0.4	1.5	5.0	3.90	0.30	13.22	937.	56.	1.
1729	0000	-823	37.2835	81.0378	STC-2	0.4	1.4	5.2	3.47	0.26	13.18	961.	56.	1.
1730	0000	-824	37.2835	81.0372	STC-2	0.4	1.4	5.3	3.16	0.26	12.21	993.	57.	2.
1731	0000	-823	37.2835	81.0365	STC-2	0.4	1.5	5.3	3.51	0.28	12.54	1029.	57.	3.
1732	0000	-823	37.2835	81.0359	STC-2	0.5	1.5	5.9	3.14	0.25	12.51	1079.	58.	4.
1733	0000	-821	37.2835	81.0353	DLMU-1	0.5	1.4	6.0 +	2.66	0.24	11.04	1156.	58.	6.
1734	0000	-820	37.2835	81.0347	DLMU-1	0.6	1.4	6.1 +	2.24	0.23 -	9.81	1240.	58.	8.

CP9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-822	37.2835	81.0340	DLMU-1	0.7	1.3	6.3 +	1.83 -	0.21 -	8.76	1323.	57.	10.
1736	0000	-822	37.2835	81.0334	DLMU-1	0.8	1.5	6.6 +	1.88	0.22 -	8.41	1385.	59.	10.
1737	0000	-822	37.2835	81.0329	DLMU-1	0.9 +	1.6	6.6 +	1.83 -	0.24 -	7.61	1440.	59.	10.
1738	0000	-824	37.2835	81.0323	DLMU-1	1.0 +	1.5	6.9 ++	1.59 -	0.22 -	7.27	1477.	60.	10.
1739	0000	-824	37.2835	81.0317	DLMU-1	1.0 +	1.5	6.6 +	1.55 -	0.23 -	6.65	1485.	59.	10.
1740	0000	-824	37.2835	81.0312	DLMU-1	1.0 +	1.6	6.7 +	1.60 -	0.23 -	6.87	1444.	61.	8.
1741	0000	-824	37.2835	81.0305	DLMU-1	0.9 +	1.5	6.4 +	1.62 -	0.24	6.73	1373.	62.	7.
1742	0000	-824	37.2835	81.0300	DLMU-1	0.8 +	1.8	6.2 +	2.10	0.28	7.35	1306.	61.	5.
1743	0000	-825	37.2835	81.0294	DLMU-1	0.8	1.7	6.0 +	2.22	0.29	7.65	1268.	59.	5.
1744	0000	-824	37.2835	81.0289	DLMU-1	0.7	1.8	6.0 +	2.49	0.29	8.50	1227.	59.	5.
1745	0000	-825	37.2835	81.0282	DLMU-1	0.7	1.8	5.3	2.69	0.33	8.05	1193.	60.	5.
1746	0000	-826	37.2835	81.0277	DLMU-1	0.6	2.0	5.1	3.31	0.38	8.59	1163.	60.	5.
1747	0000	-826	37.2835	81.0271	DLMU-1	0.6	1.9	4.9	3.48	0.39	8.87	1135.	59.	5.
1748	0000	-827	37.2835	81.0266	DLMU-1	0.5	2.0 +	4.7	4.10	0.43	9.43	1119.	58.	6.
1749	0000	-827	37.2835	81.0259	DLMU-1	0.5	1.9	4.2	3.84	0.46	8.35	1095.	62.	6.
1750	0000	-826	37.2835	81.0254	DLMU-1	0.5	2.0	4.3	3.93	0.46	8.59	1076.	61.	5.
1751	0000	-826	37.2835	81.0248	DLMU-1	0.5	2.1 +	4.1	4.32	0.51	8.43	1090.	58.	5.
1752	0000	-825	37.2835	81.0242	DLMU-1	0.5	2.3 +	4.3	4.27	0.53 +	8.09	1128.	57.	4.
1753	0000	-822	37.2835	81.0237	DLMU-1	0.6	2.3 +	4.4	3.66	0.52 +	7.02	1184.	56.	3.
1754	0000	-824	37.2835	81.0231	DLMU-1	0.7	2.3 +	4.5	3.60	0.52 +	6.92	1227.	55.	3.
1755	0000	-825	37.2835	81.0225	DLMU-1	0.7	2.4 +	4.6	3.47	0.53 +	6.60	1260.	55.	2.
1756	0000	-825	37.2835	81.0220	DLMU-1	0.7	2.3 +	4.7	3.13	0.49	6.41	1291.	53.	2.
1757	0000	-826	37.2835	81.0214	DLMU-1	0.7	2.4 +	4.4	3.28	0.55 +	5.93 -	1296.	52.	2.
1758	0000	-828	37.2835	81.0208	DLMU-1	0.7	2.2 +	4.4	3.06	0.52 +	5.93 -	1263.	55.	2.
1759	0000	-826	37.2835	81.0202	DLMU-1	0.6	2.0	4.2	3.07	0.47	6.48	1188.	57.	2.
1760	0000	-826	37.2835	81.0196	DLMU-1	0.6	1.7	3.7	2.97	0.46	6.40	1082.	60.	4.
1761	0000	-827	37.2835	81.0191	DLMU-1	0.5	1.4	3.3	2.67	0.43	6.19	979.	61.	5.
1762	0000	-828	37.2835	81.0185	DLMU-1	0.5	1.2	3.1	2.50	0.38	6.57	883.	61.	6.
1763	0000	-827	37.2835	81.0179	DLMU-1	0.4	1.0	2.8	2.75	0.37	7.53	797.	60.	8.
1764	0000	-827	37.2835	81.0173	DLMU-1	0.3	0.7 -	2.6 -	2.21	0.28	7.94	724.	61.	9.
1765	0000	-827	37.2835	81.0168	DLMU-1	0.3	0.5 --	2.6 -	2.13	0.21 -	10.24	668.	60.	10.
1766	0000	-828	37.2835	81.0162	DLMU-1	0.3	0.4 ---	2.5 -	1.57 -	0.17 -	9.42	635.	58.	10.
1767	0000	-827	37.2834	81.0156	DLMU-1	0.2	0.5 --	2.7	2.09	0.18 -	11.78	629.	56.	9.
1768	0000	-827	37.2834	81.0150	DLMU-1	0.2	0.7 -	2.8	3.62	0.25	14.55	625.	58.	8.
1769	0000	-828	37.2834	81.0145	DLMU-1	0.2	0.7 -	3.0	3.28	0.24 -	13.74	644.	59.	7.
1770	0000	-827	37.2834	81.0139	DLMU-1	0.2	0.8 -	3.3	3.59	0.24 -	14.91	663.	59.	5.
1771	0000	-825	37.2834	81.0133	DLMU-1	0.3	0.8 -	3.6	3.19	0.23 -	13.92	677.	61.	4.
1772	0000	-823	37.2834	81.0127	DLMU-1	0.3	0.9	3.6	3.16	0.26	12.10	688.	61.	3.
1773	0000	-825	37.2834	81.0122	DLMU-1	0.3	1.0	4.0	3.16	0.25	12.87	714.	62.	1.
1774	0000	-825	37.2834	81.0116	DLMU-1	0.3	1.0	4.1	3.39	0.25	13.32	718.	64.	1.
1775	0000	-825	37.2834	81.0110	DLMU-1	0.3	1.1	4.2	3.46	0.26	13.09	743.	61.	1.
1776	0000	-826	37.2834	81.0104	DLMU-1	0.3	1.2	4.2	3.60	0.29	12.55	752.	60.	1.
1777	0000	-825	37.2834	81.0098	DLMU-1	0.3	1.4	4.2	4.20	0.32	13.13	769.	61.	1.
1778	0000	-824	37.2834	81.0093	DLMU-1	0.3	1.3	4.4	3.70	0.29	12.69	776.	[illegible]	2.
1779	0000	-824	37.2834	81.0087	DLMU-1	0.4	1.2	4.9	3.28	0.24 -	13.85	798.	[illegible]	3.
1780	0000	-824	37.2834	81.0081	DLMU-1	0.3	1.0	4.9	2.97	0.21 -	14.25	805.	60.	4.
1781	0000	-826	37.2834	81.0076	DLMU-1	0.4	1.0	5.0	2.64	0.19 -	13.95	821.	58.	5.
1782	0000	-827	37.2834	81.0070	DLMU-1	0.4	0.8 -	4.9	2.26	0.17 -	13.21	823.	61.	6.
1783	0000	-825	37.2834	81.0064	DLMU-1	0.3	0.7 -	5.1	1.98	0.13 --	15.32	827.	62.	8.
1784	0000	-825	37.2834	81.0059	DLMU-1	0.3	0.5 --	5.2	1.42 -	0.09 ---	15.84 +	833.	64.	9.
1785	0000	-825	37.2834	81.0052	DLMU-1	0.3	0.7 -	5.1	2.30	0.13 --	17.90 +	854.	64.	10.

CP 9 IP 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-825	37.2834	81.0047	DLMU-1	0.3	0.7 -	4.7	2.48	0.15 --	16.53 +	862.	62.	10.
1787	0000	-825	37.2834	81.0041	DLMU-1	0.3	0.9 -	4.4	2.90	0.19 -	14.89	871.	63.	9.
1788	0000	-825	37.2834	81.0036	DLMU-1	0.3	1.0	4.3	3.32	0.23 -	14.25	885.	63.	8.
1789	0000	-823	37.2834	81.0030	DLMU-1	0.3	1.0	4.3	3.22	0.23 -	14.19	881.	62.	7.
1790	0000	-823	37.2834	81.0024	DLMU-1	0.3	1.2	4.3	3.62	0.27	13.29	873.	61.	5.
1791	0000	-824	37.2834	81.0018	DLMU-1	0.3	1.2	3.9	3.45	0.30	11.51	852.	57.	4.
1792	0000	-824	37.2834	81.0013	DLMU-1	0.4	1.1	3.8	2.93	0.28	10.47	811.	59.	3.
1793	0000	-823	37.2834	81.0007	DLMU-1	0.4	1.1	3.5	3.14	0.32	9.87	785.	59.	1.
1794	0000	-824	37.2834	81.0001	DLMU-1	0.3	1.0	3.6	3.20	0.29	11.00	759.	59.	1.
1795	0000	-824	37.2834	80.9995	DLMU-1	0.3	1.1	3.5	4.19	0.33	12.71	723.	60.	1.
1796	0000	-824	37.2834	80.9989	STC-1	0.3	1.3	3.3	4.90	0.38	12.99	716.	61.	1.
1797	0000	-825	37.2833	80.9984	STC-1	0.2	1.3	3.1	5.29	0.43	12.39	701.	60.	1.
1798	0000	-824	37.2833	80.9978	STC-1	0.2	1.2	2.9	4.94	0.41	11.97	685.	61.	3.
1799	0000	-822	37.2833	80.9972	STC-1	0.2	1.3	2.9	5.65	0.44	12.83	690.	60.	3.
1800	0000	-822	37.2833	80.9966	STC-1	0.2	1.2	2.9	5.20 =	0.40	12.95	684.	58.	5.
1801	0000	-821	37.2833	80.9961	STC-1	0.2	1.1	2.9	4.74	0.38	12.48	674.	60.	6.
1802	0000	-821	37.2833	80.9956	STC-1	0.3	0.7 -	2.9	2.47 -	0.24 -	10.35	678.	59.	8.
1803	0000	-823	37.2833	80.9950	STC-1	0.3	0.6 -	2.9	2.05 -	0.21 -	9.69	671.	57.	9.
1804	0000	-824	37.2833	80.9944	STC-1	0.3	0.4 --	2.9	1.23 --	0.14 --	8.96 -	673.	60.	10.
1805	0000	-822	37.2833	80.9938	STC-1	0.3 +	0.5 --	2.9	1.56 --	0.18 -	8.58 -	701.	60.	9.
1806	0000	-821	37.2833	80.9932	STC-1	0.3 +	0.6 -	3.0	1.75 -	0.19 -	9.18 -	726.	62.	10.
1807	0000	-821	37.2833	80.9927	STC-1	0.3 +	0.8	3.4	2.54 -	0.25 -	10.32	755.	62.	8.
1808	0000	-821	37.2833	80.9921	STC-1	0.3	1.2	3.4	3.69	0.34	10.92	779.	61.	6.
1809	0000	-823	37.2833	80.9915	STC-1	0.3	1.4	3.4	4.70	0.41	11.35	803.	61.	5.
1810	0000	-824	37.2833	80.9909	STC-1	0.3	1.6 +	3.5	5.78	0.45	12.82	820.	65.	4.
1811	0000	-823	37.2833	80.9904	STC-1	0.3	1.7 +	3.9 + -	6.63	0.43	15.45	842.	63.	2.
1812	0000	-823	37.2832	80.9898	STC-2	0.2 -	1.7	4.1 -	7.48 +	0.41 +	18.08 +	835.	64.	1.
1813	0000	-821	37.2832	80.9892	STC-2	0.2 -	1.6	4.1 -	6.82 +	0.40 +	16.95	829.	62.	0.
1814	0000	-821	37.2832	80.9886	STC-1	0.2	1.6 +	3.9 +	6.56	0.41	16.01	811.	65.	1.
1815	0000	-821	37.2832	80.9881	STC-1	0.3	1.4	3.9 +	5.43	0.36	15.23	804.	66.	2.
1816	0000	-821	37.2832	80.9875	STC-1	0.3	1.4	3.8 +	5.09	0.35	14.38	802.	65.	3.
1817	0000	-823	37.2832	80.9869	STC-2	0.3	1.0	4.2 -	3.32	0.24	13.97	809.	63.	4.
1818	0000	-824	37.2832	80.9863	STC-2	0.3	0.9 -	4.1 -	2.95	0.22	13.32	812.	63.	6.
1819	0000	-822	37.2832	80.9858	STC-2	0.3	0.8 -	4.3 -	2.47	0.18 -	13.75	817.	64.	7.
1820	0000	-821	37.2832	80.9852	STC-2	0.3	0.8 -	4.4	2.76	0.19	14.32	829.	65.	8.
1821	0000	-822	37.2832	80.9846	STC-2	0.3	0.8 -	4.7	2.54	0.17 -	14.79	838.	63.	8.
1822	0000	-822	37.2832	80.9841	STC-2	0.3	1.0	4.6	3.13	0.22	14.53	845.	62.	8.
1823	0000	-820	37.2832	80.9835	STC-2	0.3	1.0	4.5	2.99	0.22	13.63	833.	63.	7.
1824	0000	-821	37.2832	80.9829	STC-2	0.3	1.2	4.2 -	3.67	0.29	12.72	810.	64.	6.
1825	0000	-821	37.2832	80.9823	STC-2	0.3	1.3	4.3 -	4.34	0.31	14.05	789.	67.	4.
1826	0000	-820	37.2832	80.9817	STC-2	0.3	1.5	4.2 -	4.67	0.35	13.34	773.	67.	3.
1827	0000	-821	37.2832	80.9812	STC-2	0.3	1.4	4.5	4.16	0.30	13.78	766.	65.	3.
1828	0000	-820	37.2832	80.9806	STC-2	0.3	1.2	4.3 -	3.68	0.28	13.10	764.	65.	3.
1829	0000	-819	37.2832	80.9800	STC-2	0.3	1.1	4.4	3.34	0.25	13.24	758.	64.	3.
1830	0000	-818	37.2832	80.9795	STC-2	0.3	1.1	4.8	3.37	0.22	15.30	761.	63.	3.
1831	0000	-818	37.2832	80.9789	STC-2	0.3	0.9 -	5.0	2.92	0.19	15.54	780.	63.	3.
1832	0000	-821	37.2832	80.9783	STC-2	0.4	0.9 -	5.0	2.48	0.17 -	14.20	790.	61.	4.
1833	0000	-822	37.2832	80.9777	STC-2	0.4	0.8 -	4.8	2.27	0.17 -	13.61	797.	60.	4.
1834	0000	-819	37.2832	80.9772	STC-2	0.3	0.7 -	4.3 -	2.15	0.17 -	13.00	769.	61.	5.
1835	0000	-819	37.2832	80.9765	STC-1	0.3 +	0.9	3.9 +	2.78 -	0.23 -	12.13	754.	63.	5.
1836	0000	-818	37.2832	80.9760	STC-1	0.3	0.8	3.4	2.67 -	0.24 -	11.14	730.	63.	6.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-817	37.2832	80.9754	STC-1	0.3	1.0	3.1	3.50	0.32	10.94	696.	67.	5.
1838	0000	-816	37.2832	80.9749	STC-1	0.3	1.0	2.7	3.98	0.37	10.22	651.	67.	6.
1839	0000	-816	37.2832	80.9743	STC-1	0.2	1.0	2.3 -	4.68	0.44	10.59	623.	66.	6.
1840	0000	-818	37.2832	80.9737	STC-1	0.2	1.1	2.2 -	6.10	0.50	12.31	592.	66.	6.
1841	0000	-818	37.2832	80.9731	STC-1	0.2	1.1	2.3 -	5.82	0.47	12.26	581.	67.	6.
1842	0000	-815	37.2831	80.9725	STC-1	0.2	0.9	2.6	5.31	0.36	14.91	570.	65.	7.
1843	0000	-815	37.2831	80.9720	STC-1	0.2	0.9	2.9	4.60	0.30	15.21	575.	63.	6.
1844	0000	-813	37.2831	80.9714	STC-1	0.2	0.8	2.9	3.75	0.27	14.06	594.	61.	6.
1845	0000	-813	37.2831	80.9708	STC-1	0.2	0.8	3.3	3.92	0.23 -	16.70	627.	58.	6.
1846	0000	-813	37.2831	80.9702	STC-1	0.3	0.7 -	3.3	2.76 -	0.21 -	12.98	650.	59.	6.
1847	0000	-809	37.2831	80.9697	STC-1	0.3	0.7 -	3.4	2.18 -	0.20 -	11.06	689.	61.	6.
1848	0000	-810	37.2831	80.9691	STC-1	0.3 +	0.8	3.5	2.51 -	0.24 -	10.45	733.	61.	5.
1849	0000	-816	37.2831	80.9685	STC-1	0.4 +	1.0	3.8 +	2.77 -	0.27	10.35	780.	60.	3.
1850	0000	-816	37.2831	80.9679	STC-1	0.4 +	1.1	4.0 +	2.72 -	0.28	9.82	820.	61.	3.
1851	0000	-809	37.2831	80.9674	STC-2	0.4	1.2	4.1 -	2.93 -	0.29	9.93	855.	62.	2.
1852	0000	-807	37.2831	80.9668	STC-2	0.5	1.3	4.2 -	2.91	0.31	9.32	899.	63.	2.
1853	0000	-812	37.2831	80.9662	STC-2	0.5	1.5	4.4	3.38	0.34	9.84	956.	61.	2.
1854	0000	-811	37.2831	80.9656	STC-2	0.5	1.7	5.4	3.44	0.32	10.81	1011.	56.	1.
1855	0000	-808	37.2831	80.9651	STC-2	0.5	1.7	5.3	3.06	0.32	9.63	1036.	59.	1.
1856	0000	-810	37.2831	80.9645	STC-2	0.6	1.7	4.9	2.87	0.34	8.53	1036.	58.	2.
1857	0000	-807	37.2831	80.9639	STC-2	0.5	1.6	4.9	2.94	0.32	9.17	1027.	59.	3.
1858	0000	-807	37.2831	80.9633	STC-2	0.5	1.3	4.8	2.43	0.28	8.73	1008.	60.	4.
1859	0000	-810	37.2831	80.9628	STC-2	0.5	1.3	4.9	2.48	0.26	9.46	985.	59.	4.
1860	0000	-806	37.2831	80.9622	STC-2	0.5	1.2	4.9	2.35	0.25	9.47	949.	61.	4.
1861	0000	-802	37.2831	80.9616	STC-2	0.5	1.2	4.4	2.47	0.26	9.35	919.	62.	4.
1862	0000	-802	37.2831	80.9610	STC-2	0.4	1.2	4.9	2.85	0.24	11.65	904.	61.	3.
1863	0000	-801	37.2831	80.9604	STC-2	0.4	1.4	5.1	3.81	0.27	14.14	901.	60.	3.
1864	0000	-802	37.2831	80.9599	STC-2	0.4	1.4	4.8	3.82	0.29	13.32	880.	61.	3.
1865	0000	-803	37.2831	80.9593	OMUU	0.3	1.4	4.9	4.10 +	0.29	14.10 +	878.	57.	3.
1866	0000	-800	37.2831	80.9587	OMUU	0.4	1.4	4.7	3.89 +	0.30	13.12 +	851.	59.	3.
1867	0000	-798	37.2831	80.9582	OMUU	0.3	1.3	4.6	3.85	0.29	13.41 +	813.	59.	2.
1868	0000	-800	37.2831	80.9577	OMUU	0.3 -	1.2	4.2	3.70	0.28	13.05 +	757.	60.	2.
1869	0000	-804	37.2831	80.9571	OMUU	0.3 -	1.1	4.0	3.71	0.27	13.68 +	708.	60.	2.
1870	0000	-803	37.2831	80.9565	OMUU	0.3 -	0.9 -	3.7 -	2.97	0.23	12.94 +	656.	62.	2.
1871	0000	-803	37.2831	80.9559	OMUU	0.3 -	0.9 -	3.8	2.99	0.23	13.08 +	631.	61.	1.
1872	0000	-806	37.2830	80.9554	OMUU	0.3 -	0.8 -	3.8	2.78	0.21	13.27 +	608.	62.	2.
1873	0000	-803	37.2830	80.9547	OMUU	0.3 -	0.8 -	3.6 -	3.30	0.24	13.91 +	594.	61.	2.
1874	0000	-796	37.2830	80.9542	OMUU	0.3 -	0.8 -	3.5 -	3.02	0.22	13.92 +	604.	59.	3.
1875	0000	-797	37.2830	80.9536	OMUU	0.2 -	0.7 -	3.6 -	2.93	0.19	15.13 +	618.	61.	4.
1876	0000	-803	37.2830	80.9530	OMUU	0.2 -	0.7 -	3.5 -	2.65	0.19	13.88 +	641.	60.	5.
1877	0000	-805	37.2830	80.9525	OMUU	0.3 -	0.6 -	3.5 -	2.06	0.17 -	11.84	685.	58.	6.
1878	0000	-801	37.2830	80.9519	OMUU	0.3 -	0.8 -	3.7 -	2.90	0.22	13.40 +	736.	58.	7.
1879	0000	-795	37.2830	80.9513	OMUU	0.3 -	0.9 -	3.7 -	2.92	0.23	12.46 +	787.	60.	7.
1880	0000	-799	37.2830	80.9508	OMUU	0.4	0.9 -	4.0	2.37	0.21	11.15	825.	62.	6.
1881	0000	-799	37.2830	80.9502	OMUU	0.4	1.0	4.2	2.91	0.24	11.93	834.	63.	5.
1882	0000	-793	37.2830	80.9496	OMUU	0.3	1.1	4.2	3.11	0.26	12.10	847.	61.	5.
1883	0000	-797	37.2830	80.9490	OMUU	0.4	1.0 -	4.2	2.73	0.24	11.64	843.	63.	4.
1884	0000	-797	37.2830	80.9485	STC-2	0.3	1.1	4.2 -	3.34	0.25	13.22	824.	64.	4.
1885	0000	-791	37.2830	80.9479	STC-2	0.3	1.0	4.1 -	2.84	0.23	12.18	789.	65.	3.
1886	0000	-792	37.2830	80.9473	STC-2	0.3	1.0 -	4.0 -	3.06	0.24	12.95	754.	63.	4.
1887	0000	-791	37.2829	80.9467	STC-1	0.3	0.9	3.7 +	3.18	0.24 -	13.53	733.	64.	5.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-790	37.2829	80.9462	STC-1	0.3	0.8	3.7 +	3.17	0.22 -	14.39	736.	63.	6.
1889	0000	-795	37.2829	80.9456	STC-1	0.3	0.9	3.6 +	3.30	0.25	13.06	720.	63.	7.
1890	0000	-792	37.2829	80.9450	STC-1	0.3	1.1	3.8 +	4.32	0.30	14.65	727.	61.	7.
1891	0000	-788	37.2829	80.9444	STC-1	0.3	1.1	3.8 +	4.39	0.29	14.97	733.	60.	7.
1892	0000	-790	37.2829	80.9438	STC-2	0.3 -	1.0	4.1 -	3.92	0.24	16.12	734.	57.	7.
1893	0000	-790	37.2829	80.9433	STC-2	0.2 -	1.0	4.1 -	4.18	0.25	15.77	732.	55.	6.
1894	0000	-791	37.2829	80.9427	STC-2	0.2 -	1.1	4.2	4.55	0.26	17.68 +	726.	55.	5.
1895	0000	-789	37.2829	80.9421	STC-1	0.2	1.1	4.0 +	4.49	0.28	16.18	718.	55.	4.
1896	0000	-787	37.2829	80.9415	STC-2	0.3 -	0.9 -	4.1 -	3.45	0.23	15.28	734.	54.	4.
1897	0000	-790	37.2829	80.9410	STC-1	0.3	0.9	3.9 +	2.88	0.22 -	13.16	725.	54.	3.
1898	0000	-788	37.2829	80.9404	STC-1	0.3	0.9	4.0 +	3.35	0.23 -	14.49	718.	53.	2.
1899	0000	-787	37.2829	80.9398	STC-1	0.3	1.0	3.9 +	3.94	0.26	15.38	714.	53.	2.
1900	0000	-787	37.2829	80.9392	STC-1	0.3	1.0	3.8 +	3.83	0.26	14.56	703.	53.	2.
1901	0000	-784	37.2829	80.9387	STC-1	0.3	1.1	3.8 +	4.11	0.28	14.89	691.	53.	2.
1902	0000	-785	37.2829	80.9381	STC-1	0.2	1.1	3.8 +	4.47	0.29	15.88	677.	51.	2.
1903	0000	-786	37.2829	80.9375	STC-1	0.2	1.3	3.6 +	7.06 +	0.35	19.96 +	657.	54.	2.
1904	0000	-781	37.2829	80.9369	STC-1	0.2 -	1.3	3.4	7.69 +	0.37	20.74 +	652.	51.	3.
1905	0000	-777	37.2829	80.9364	STC-1	0.2	1.1	3.6 +	6.33	0.31	20.11 +	642.	52.	3.
1906	0000	-777	37.2829	80.9358	STC-1	0.2	1.3	3.7 +	7.40 +	0.34	21.90 +	660.	52.	3.
1907	0000	-780	37.2829	80.9352	STC-1	0.2	1.1	3.9 +	5.86	0.28	21.04 +	676.	52.	4.
1908	0000	-780	37.2829	80.9347	STC-1	0.2 -	1.0	3.9 +	6.22	0.27	23.30 ++	694.	51.	5.
1909	0000	-777	37.2829	80.9341	STC-1	0.2	0.9	3.8 +	4.21	0.23 -	18.31 +	706.	52.	6.
1910	0000	-779	37.2829	80.9335	STC-1	0.2	0.8	3.7 +	3.28	0.20 -	16.00	707.	50.	7.
1911	0000	-780	37.2829	80.9329	STC-1	0.2	0.8	3.8 +	4.20	0.23 -	18.62 +	703.	51.	6.
1912	0000	-777	37.2829	80.9324	STC-1	0.2	0.7	3.6	3.49	0.23 -	15.04	692.	52.	7.
1913	0000	-774	37.2829	80.9318	STC-1	0.2	0.7 -	3.9	3.14	0.23 -	13.89	662.	51.	7.
1914	0000	-772	37.2829	80.9312	STC-1	0.1 -	0.9	3.5	6.24	0.36	17.32 +	629.	50.	6.
1915	0000	-770	37.2829	80.9306	STC-1	0.2	0.9	2.4 -	5.29	0.39	13.42	604.	50.	5.
1916	0000	-771	37.2829	80.9301	STC-1	0.1 -	1.2	2.2 -	7.99 +	0.52 +	15.39	574.	51.	3.
1917	0000	-771	37.2828	80.9295	STC-1	0.1 -	1.3	2.2 -	9.65 +	0.59 +	16.44	573.	53.	3.
1918	0000	-768	37.2828	80.9289	STC-1	0.2	1.2	2.2 -	5.96	0.51 +	11.57	584.	53.	3.
1919	0000	-769	37.2828	80.9283	STC-1	0.2	1.3	2.5	5.50	0.52 +	10.57	636.	52.	3.
1920	0000	-770	37.2828	80.9278	STC-1	0.3	1.4	2.5	4.51	0.56 +	8.08 -	714.	52.	4.
1921	0000	-771	37.2828	80.9272	STC-1	0.5 ++	1.2	3.1	2.37 -	0.38	6.31 --	796.	54.	5.
1922	0000	-770	37.2828	80.9266	STC-1	0.6 ++	1.1	3.3	1.98 -	0.35	5.71 --	895.	53.	7.
1923	0000	-768	37.2828	80.9260	STC-1	0.7 +++	1.0	3.7 +	1.46 --	0.27	5.38 --	992.	50.	8.
1924	0000	-766	37.2828	80.9255	STC-1	0.8 +++	0.7 -	3.9 +	0.93 ---	0.19 -	4.93 ---	1068.	51.	9.
1925	0000	-766	37.2828	80.9249	STC-2	0.8	0.9 -	4.2 -	1.12 -	0.22	5.12 -	1128.	51.	10.
1926	0000	-764	37.2828	80.9243	STC-2	0.8 +	1.0 -	4.6	1.13 -	0.21	5.37 -	1170.	51.	9.
1927	0000	-762	37.2828	80.9237	STC-2	0.8	1.0	4.9	1.15 -	0.20	5.90 -	1180.	51.	9.
1928	0000	-760	37.2828	80.9231	STC-2	0.8	1.2	4.8	1.53 -	0.25	6.13 -	1194.	50.	8.
1929	0000	-758	37.2828	80.9226	STC-2	0.7	1.3	4.8	1.77	0.28	6.40 -	1191.	49.	7.
1930	0000	-760	37.2828	80.9220	CCR-1	0.8	1.4	4.8	1.92	0.30	6.38	1203.	51.	6.
1931	0000	-761	37.2828	80.9214	CCR-1	0.8	1.7	5.2	2.19	0.33	6.56	1232.	49.	5.
1932	0000	-756	37.2828	80.9209	CCR-1	0.8	1.9	5.0	2.43	0.37	6.58	1234.	47.	5.
1933	0000	-758	37.2827	80.9203	CCR-1	0.7	2.0	4.9	2.70	0.41	6.55	1226.	49.	4.
1934	0000	-762	37.2827	80.9196	CCR-1	0.8	2.1	4.8	2.62	0.43	6.11	1217.	50.	3.
1935	0000	-758	37.2827	80.9190	CCR-1	0.8	2.0	4.8	2.53	0.41	6.11	1190.	49.	3.
1936	0000	-750	37.2827	80.9184	CCR-1	0.7	2.1	4.9	2.77	0.42	6.57	1155.	51.	2.
1937	0000	-748	37.2827	80.9178	CCR-1	0.7	2.2	4.8	3.23	0.46	7.07	1127.	51.	2.
1938	0000	-747	37.2827	80.9172	CCR-1	0.6	2.1	4.7	3.33	0.44	7.61	1093.	51.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-746	37.2827	80.9166	CCR-1	0.6	2.0	4.9	3.16	0.41	7.78	1088.	51.	1.
1940	0000	-748	37.2827	80.9160	CCR-1	0.7	1.8	5.2	2.67	0.34	7.85	1095.	51.	1.
1941	0000	-752	37.2827	80.9154	CCR-1	0.7	1.7	5.5	2.58	0.31	8.42	1129.	49.	1.
1942	0000	-752	37.2827	80.9147	CCR-1	0.6	1.9	5.6	2.90	0.34	8.59	1162.	49.	0.
1943	0000	-753	37.2827	80.9142	CCR-1	0.7	1.8	5.9	2.37	0.30	7.90	1217.	48.	0.
1944	0000	-753	37.2826	80.9135	CCR-1	0.8	1.6	6.0	2.08	0.27	7.61	1265.	47.	1.
1945	0000	-751	37.2826	80.9130	CCR-1	0.8	1.7	6.5 +	2.00	0.26 -	7.76	1300.	48.	1.
1946	0000	-749	37.2826	80.9123	CCR-1	0.9	1.5	6.8 +	1.72	0.22 -	7.68	1323.	48.	2.
1947	0000	-749	37.2826	80.9117	CCR-1	0.9	1.5	6.9 +	1.74	0.22 -	7.84	1324.	48.	2.
1948	0000	-750	37.2826	80.9110	CCR-1	0.9	1.4	6.6 +	1.63	0.21 -	7.74	1297.	49.	4.
1949	0000	-747	37.2826	80.9104	CCR-1	0.9	1.2 -	6.5 +	1.33 -	0.18 -	7.44	1261.	47.	5.
1950	0000	-746	37.2826	80.9099	CCR-1	0.8	1.0 -	6.2	1.25 -	0.16 -	7.75	1183.	47.	6.
1951	0000	-750	37.2826	80.9092	CCR-1	0.7	0.8 -	6.0	1.13 -	0.13 --	8.39	1096.	47.	7.
1952	0000	-749	37.2826	80.9086	CCR-1	0.6	0.8 -	5.4	1.25 -	0.14 --	8.79	1014.	48.	8.
1953	0000	-750	37.2826	80.9080	CCR-1	0.6	0.8 -	5.0	1.44	0.16 --	9.03	949.	46.	8.
1954	0000	-752	37.2826	80.9074	CCR-1	0.5	0.9 -	4.6	1.90	0.20 -	9.70	883.	45.	7.
1955	0000	-744	37.2826	80.9067	CCR-1	0.5	0.9 -	4.4	2.10	0.22 -	9.72	827.	46.	6.
1956	0000	-742	37.2825	80.9062	CCR-1	0.4 -	1.1 -	4.4	2.93	0.25 -	11.83 +	799.	47.	4.
1957	0000	-750	37.2825	80.9055	CCR-1	0.3 -	1.2	4.4	3.61	0.29	12.65 +	801.	49.	4.
1958	0000	-745	37.2825	80.9049	CCR-1	0.4 -	1.2 -	4.7	3.45	0.26 -	13.40 +	803.	49.	3.
1959	0000	-741	37.2825	80.9043	CCR-1	0.4 -	1.2	4.8	3.51	0.25 -	13.51 +	803.	48.	3.
1960	0000	-748	37.2825	80.9037	CCR-1	0.3 -	1.3	4.5	3.89	0.28	14.08 +	794.	48.	3.
1961	0000	-748	37.2825	80.9031	CCR-1	0.3 -	1.2 -	4.7	3.67	0.25 -	14.57 +	789.	48.	4.
1962	0000	-743	37.2824	80.9025	CCR-1	0.3 -	1.4	4.6	4.80 +	0.30	16.25 +	797.	47.	3.
1963	0000	-741	37.2824	80.9019	CCR-1	0.3 -	1.4	4.7	4.56 +	0.29	15.91 +	799.	47.	3.
1964	0000	-743	37.2824	80.9012	CCR-1	0.3 -	1.4	4.4	4.20 +	0.30	13.82 +	811.	47.	3.
1965	0000	-744	37.2824	80.9007	CCR-1	0.4 -	1.7	3.9	4.72 +	0.42	11.20 +	850.	46.	3.
1966	0000	-744	37.2824	80.9000	CCR-1	0.5	1.7	3.8	3.83	0.46	8.31	917.	46.	3.
1967	0000	-743	37.2824	80.8994	CCR-1	0.6	2.0	4.0	3.42	0.49	7.03	1013.	47.	2.
1968	0000	-746	37.2824	80.8987	CCR-1	0.7	2.1	4.1	2.82	0.51 +	5.57	1121.	48.	2.
1969	0000	-745	37.2824	80.8982	CCR-1	0.9	2.0	4.5	2.16	0.45	4.79	1229.	49.	2.
1970	0000	-739	37.2824	80.8976	CCR-1	1.1	2.0	4.3	1.88	0.47	4.03 -	1315.	50.	2.
1971	0000	-741	37.2824	80.8970	CCR-1	1.2	2.0	4.6	1.72	0.44	3.90 -	1378.	51.	2.
1972	0000	-744	37.2824	80.8963	CCR-1	1.3	1.8	4.9	1.43	0.36	3.94 -	1382.	51.	2.
1973	0000	-739	37.2823	80.8957	CCR-1	1.2	1.8	4.8	1.51	0.37	4.11 -	1348.	52.	3.
1974	0000	-737	37.2823	80.8951	CCR-1	1.1	1.6	4.7	1.50	0.35	4.30	1282.	52.	3.
1975	0000	-745	37.2823	80.8945	CCR-1	1.0	1.5	4.3	1.52	0.36	4.21	1202.	51.	4.
1976	0000	-748	37.2823	80.8939	CCR-1	0.9	1.4	3.9	1.61	0.35	4.54	1108.	51.	4.
1977	0000	-743	37.2823	80.8933	CCR-1	0.7	1.5	3.8	2.14	0.39	5.51	1018.	52.	4.
1978	0000	-737	37.2823	80.8926	CCR-1	0.6	1.4	3.6 -	2.47	0.39	6.30	949.	51.	3.
1979	0000	-735	37.2822	80.8921	CCR-1	0.5	1.7	3.5 -	3.16	0.48	6.64	958.	49.	3.
1980	0000	-742	37.2822	80.8914	CCR-1	0.6	1.7	3.7	3.03	0.47	6.50	973.	50.	2.
1981	0000	-747	37.2822	80.8908	CCR-1	0.6	1.7	3.6	3.00	0.46	6.56	956.	50.	2.
1982	0000	-745	37.2822	80.8902	CCR-1	0.5	1.6	3.7	2.97	0.44	6.74	946.	51.	2.
1983	0000	-743	37.2822	80.8896	CCR-1	0.6	1.6	3.5 -	2.90	0.46	6.29	939.	50.	1.
1984	0000	-744	37.2822	80.8890	CCR-1	0.6	1.4	3.4 -	2.10	0.40	5.23	961.	48.	2.
1985	0000	-745	37.2822	80.8883	CCR-1	0.7	1.5	3.3 -	2.01	0.44	4.60	997.	47.	3.
1986	0000	-742	37.2822	80.8878	CCR-1	0.8	1.2 -	3.2 -	1.60	0.38	4.25	997.	49.	5.
1987	0000	-741	37.2822	80.8871	CCR-1	0.8	1.1 -	3.2 -	1.35 -	0.33	4.03 -	982.	47.	6.
1988	0000	-744	37.2822	80.8866	CCR-1	0.8	0.8 -	3.3 -	0.99 -	0.26 -	3.87 -	999.	45.	7.
1989	0000	-743	37.2822	80.8859	CCR-1	0.9	0.8 -	3.2 -	0.96 -	0.25 -	3.66 -	1015.	44.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-737	37.2822	80.8853	CCR-1	0.9	0.7 -	3.2 -	0.84 -	0.23 -	3.66 -	1026.	46.	10.
1991	0000	-738	37.2821	80.8847	CCR-1	0.9	0.8 -	3.4 -	0.91 -	0.24 -	3.78 -	1025.	47.	10.
1992	0000	-743	37.2821	80.8841	CCR-1	0.9	0.6 -	3.6 -	0.74 --	0.18 -	4.15 -	998.	45.	10.
1993	0000	-744	37.2821	80.8834	CCR-1	0.8	0.7 -	3.4 -	0.83 -	0.20 -	4.10 -	964.	45.	9.
1994	0000	-742	37.2821	80.8829	OKU	0.8	0.6 -	3.5 -	0.83 -	0.18 -	4.59 -	927.	47.	8.
1995	0000	-744	37.2821	80.8822	OKU	0.7	0.8 -	3.2 -	1.13 -	0.24	4.74 -	905.	50.	7.
1996	0000	-747	37.2821	80.8816	OKU	0.6	0.7 -	3.3 -	1.07 -	0.21 -	5.24	889.	51.	6.
1997	0000	-744	37.2821	80.8810	OKU	0.6	0.9 -	3.2 -	1.57	0.29	5.47	880.	52.	5.
1998	0000	-743	37.2821	80.8803	OKU	0.5	0.9 -	3.4 -	1.69	0.27	6.23	892.	53.	4.
1999	0000	-748	37.2821	80.8798	OKU	0.5	1.0 -	3.6	2.06	0.28	7.32	898.	55.	3.
2000	0000	-745	37.2821	80.8791	OKU	0.5	1.1	3.9	2.36	0.29	8.26	912.	54.	3.
2001	0000	-740	37.2821	80.8785	OKU	0.5	1.3	3.8	2.65	0.34	7.83	936.	54.	2.
2002	0000	-741	37.2821	80.8779	OKU	0.5	1.4	4.1	2.55	0.34	7.52	980.	52.	2.
2003	0000	-742	37.2820	80.8773	OKU	0.6	1.4	4.7	2.43	0.29	8.34	996.	52.	1.
2004	0000	-744	37.2820	80.8767	OKU	0.6	1.3	4.8	2.19	0.28	7.84	1032.	50.	1.
2005	0000	-743	37.2820	80.8761	OKU	0.6	1.3	4.7	2.18	0.29	7.53	1025.	49.	1.
2006	0000	-741	37.2820	80.8755	OKU	0.6	1.4	4.4	2.43	0.33	7.44	1004.	49.	2.
2007	0000	-744	37.2820	80.8749	OKU	0.6	1.4	4.6	2.34	0.31	7.64	995.	52.	1.
2008	0000	-742	37.2819	80.8743	OKU	0.6	1.3	4.7	2.17	0.27	8.08	999.	52.	1.
2009	0000	-741	37.2819	80.8737	OKU	0.5	1.2	4.8	2.32	0.25	9.27	981.	53.	2.
2010	0000	-743	37.2819	80.8730	OKU	0.5	1.5	4.4	3.03	0.34	8.85	988.	52.	2.
2011	0000	-743	37.2819	80.8725	OKU	0.5	1.5	4.7	3.21	0.33	9.88	973.	54.	2.
2012	0000	-742	37.2819	80.8718	OKU	0.5	1.6	4.9	3.58	0.33	10.84	976.	54.	1.
2013	0000	-740	37.2819	80.8712	OKU	0.5	1.5	4.9	3.21	0.31	10.50	979.	53.	2.
2014	0000	-736	37.2819	80.8705	OKU	0.4	1.5	5.1	3.49	0.29	12.14 +	967.	50.	2.
2015	0000	-735	37.2819	80.8700	OKU	0.4	1.5	4.8	3.87	0.32	12.25 +	947.	49.	3.
2016	0000	-739	37.2819	80.8694	OMUU	0.4	1.5	4.4	3.74	0.34	10.97	933.	50.	4.
2017	0000	-740	37.2819	80.8687	OMUU	0.4	1.4	4.6	3.91 +	0.31	12.49 +	924.	51.	4.
2018	0000	-739	37.2819	80.8681	OMUU	0.4	1.3	4.4	3.49	0.30	11.69	899.	52.	4.
2019	0000	-739	37.2819	80.8675	OMUU	0.4	1.2	4.5	2.99	0.25	11.76	896.	54.	5.
2020	0000	-740	37.2818	80.8669	OMUU	0.4	1.3	4.5	3.16	0.29	11.06	912.	55.	5.
2021	0000	-741	37.2818	80.8662	OMUU	0.5	1.3	4.3	2.94	0.31	9.58	929.	57.	5.
2022	0000	-743	37.2818	80.8657	OMUU	0.5	1.3	4.4	2.87	0.30	9.57	936.	56.	6.
2023	0000	-742	37.2818	80.8650	OMUU	0.5	1.2	4.8	2.53	0.25	9.97	926.	53.	6.
2024	0000	-741	37.2818	80.8645	OMUU	0.5	1.2	4.5	2.29	0.26	8.86	915.	53.	6.
2025	0000	-744	37.2818	80.8638	OMUU	0.5	1.3	4.7	2.66	0.27	9.82	924.	52.	5.
2026	0000	-741	37.2818	80.8632	OMUU	0.5	1.3	4.9	2.78	0.27	10.33	935.	50.	4.
2027	0000	-736	37.2818	80.8626	OMUU	0.5	1.2	5.1	2.66	0.24	11.01	918.	51.	4.
2028	0000	-742	37.2818	80.8620	OMUU	0.5	1.5	4.9	3.23	0.30	10.81	921.	51.	3.
2029	0000	-748	37.2818	80.8614	OMUU	0.5	1.4	4.9	3.06	0.29	10.44	939.	51.	3.
2030	0000	-742	37.2818	80.8607	OMUU	0.5	1.6	4.9	3.14	0.33	9.64	977.	52.	2.
2031	0000	-744	37.2818	80.8602	OMUU	0.5	1.6	5.4	2.97	0.29	10.17	1012.	55.	1.
2032	0000	-748	37.2817	80.8595	OMUU	0.5	1.6	5.4	2.93	0.30	9.84	1024.	55.	1.
2033	0000	-741	37.2817	80.8589	OMUU	0.6	1.7	5.0	2.99	0.33	8.96	1037.	55.	1.
2034	0000	-741	37.2817	80.8582	OMUU	0.7	1.6	5.3	2.39	0.29	8.13	1091.	53.	1.
2035	0000	-745	37.2817	80.8577	OMUU	0.7	1.3	5.7	1.85	0.23	8.10	1139.	52.	1.
2036	0000	-742	37.2817	80.8571	OMUU	0.8	1.5	6.0	2.00	0.25	7.93	1186.	55.	0.
2037	0000	-741	37.2817	80.8565	OMUU	0.8	1.7	6.0	2.21	0.28	7.97	1231.	57.	0.
2038	0000	-743	37.2816	80.8559	OMUU	0.8	1.6	6.1	2.09	0.26	7.89	1257.	56.	1.
2039	0000	-743	37.2816	80.8552	OMUU	0.8	1.6	6.2	2.04	0.27	7.66	1277.	55.	1.
2040	0000	-746	37.2816	80.8546	OMUU	0.8	1.7	6.2	2.11	0.27	7.72	1279.	53.	2.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-746	37.2816	80.8540	OMUU	0.8	1.8	5.9	2.32	0.31	7.57	1273.	53.	2.
2042	0000	-745	37.2816	80.8534	OMUU	0.8	1.8	5.7	2.34	0.31	7.44	1242.	58.	3.
2043	0000	-747	37.2816	80.8528	OMUU	0.8	1.4	5.8	1.84	0.24	7.65	1218.	57.	4.
2044	0000	-746	37.2816	80.8522	OMUU	0.7	1.1	5.4	1.58	0.21	7.42	1155.	57.	5.
2045	0000	-745	37.2816	80.8517	OMUU	0.7	1.2	5.0	1.72	0.24	7.25	1111.	59.	6.
2046	0000	-746	37.2817	80.8512	OMUU	0.7	1.1	4.7	1.58	0.23	6.98	1099.	61.	6.
2047	0000	-744	37.2817	80.8507	OMUU	0.7	1.0	4.6	1.48	0.23	6.53	1092.	65.	7.
2048	0000	-745	37.2817	80.8501	OMUU	0.7	1.0 -	4.8	1.44	0.20	7.09	1088.	67.	9.
2049	0000	-747	37.2817	80.8495	OMUU	0.7	0.8 -	4.8	1.13 -	0.17 -	6.72	1085.	62.	10.
2050	0000	-747	37.2817	80.8490	OMUU	0.7	1.0 -	4.5	1.45	0.22	6.65	1064.	63.	11.
2051	0000	-750	37.2818	80.8485	OMUU	0.7	0.8 -	4.8	1.28	0.18 -	7.25	1056.	62.	11.
2052	0000	-753	37.2818	80.8479	OMUU	0.6	0.7 -	4.7	1.06 -	0.14 -	7.36	1029.	61.	12.
2053	0000	-751	37.2819	80.8474	OMUU	0.6	0.7 -	4.7	1.10 -	0.14 -	7.89	986.	61.	13.
2054	0000	-750	37.2819	80.8468	OMUU	0.5	0.5 -	4.6	1.00 -	0.12 --	8.46	944.	58.	13.
2055	0000	-751	37.2819	80.8464	OMUU	0.5	0.5 --	4.3	0.99 -	0.12 --	8.52	873.	60.	12.
2056	0000	-749	37.2819	80.8457	OMUU	0.4	0.6 -	4.0	1.51	0.15 -	10.03	822.	60.	11.
2057	0000	-750	37.2819	80.8452	OMUU	0.4	0.5 --	3.7 -	1.31	0.14 -	9.32	785.	59.	10.
2058	0000	-751	37.2820	80.8448	OMUU	0.4	0.5 -	3.4 -	1.03 -	0.13 -	7.84	785.	59.	9.
2059	0000	-749	37.2820	80.8442	OMUU	0.5	0.6 -	3.4 -	1.09 -	0.17 -	6.53	826.	61.	9.
2060	0000	-751	37.2820	80.8437	OMUU	0.6	0.5 -	3.9	0.94 -	0.14 -	6.84	874.	61.	8.
2061	0000	-752	37.2820	80.8431	OMUU	0.6	0.6 -	3.9	0.91 -	0.14 -	6.33	921.	64.	8.
2062	0000	-752	37.2821	80.8426	OMUU	0.7	0.7 -	4.1	0.99 -	0.17 -	5.97	987.	63.	8.
2063	0000	-754	37.2821	80.8420	OMUU	0.8	0.8 -	4.2	1.03 -	0.19 -	5.53 -	1035.	65.	8.
2064	0000	-754	37.2821	80.8416	OMUU	0.8	1.0	4.2	1.31	0.25	5.32 -	1095.	64.	6.
2065	0000	-753	37.2821	80.8409	OMUU	0.8	1.4	4.8	1.76	0.29	6.03	1144.	63.	5.
2066	0000	-753	37.2821	80.8404	OMUU	0.8	1.6	4.9	1.98	0.32	6.25	1175.	63.	4.
2067	0000	-751	37.2822	80.8399	OMUU	0.9	1.8	4.6	2.05	0.39 +	5.31 -	1221.	61.	3.
2068	0000	-752	37.2822	80.8394	OMUU	0.9	2.0 +	5.1	2.24	0.39 +	5.75 -	1249.	59.	2.
2069	0000	-756	37.2822	80.8388	OMUU	0.9	2.0 +	5.5	2.32	0.37	6.30	1257.	57.	1.
2070	0000	-757	37.2822	80.8383	OMUU	0.9	2.0	5.8	2.17	0.34	6.47	1281.	56.	0.
2071	0000	-755	37.2822	80.8377	OMUU	0.9	1.9	6.3	2.07	0.30	6.99	1294.	56.	0.
2072	0000	-754	37.2823	80.8372	OMUU	0.9	1.8	5.8	2.02	0.31	6.52	1306.	55.	0.
2073	0000	-756	37.2823	80.8367	OMUU	0.9	1.7	6.1	1.86	0.29	6.48	1298.	54.	1.
2074	0000	-757	37.2823	80.8361	OMUU	0.9	1.6	6.2	1.73	0.26	6.73	1275.	56.	2.
2075	0000	-753	37.2823	80.8356	OMUU	0.9	1.4	5.9	1.51	0.24	6.35	1274.	60.	3.
2076	0000	-754	37.2824	80.8350	OMUU	0.9	1.3	5.5	1.42	0.24	5.85	1274.	62.	3.
2077	0000	-757	37.2824	80.8345	OMUU	0.9	1.4	5.4	1.53	0.26	5.95	1250.	63.	4.
2078	0000	-756	37.2824	80.8340	OMUU	0.9	1.5	5.2	1.69	0.29	5.87	1225.	65.	3.
2079	0000	-754	37.2825	80.8335	OMUU	0.9	1.4	5.3	1.65	0.27	6.14	1186.	65.	4.
2080	0000	-757	37.2825	80.8329	OMUU	0.8	1.3	5.0	1.70	0.27	6.36	1154.	65.	4.
2081	0000	-760	37.2825	80.8324	OMUU	0.7	1.2	5.0	1.71	0.25	6.80	1124.	63.	4.
2082	0000	-757	37.2825	80.8318	OMUU	0.7	1.3	4.7	1.91	0.27	7.15	1081.	61.	5.
2083	0000	-757	37.2826	80.8313	OMUU	0.6	1.2	4.6	1.91	0.26	7.32	1043.	60.	5.
2084	0000	-758	37.2826	80.8307	OMUU	0.6	1.0	4.6	1.62	0.22	7.29	1024.	58.	6.
2085	0000	-755	37.2826	80.8302	OMUU	0.6	0.9 -	4.5	1.43	0.19	7.42	1001.	57.	7.
2086	0000	-757	37.2826	80.8297	OMUU	0.6	0.9 -	4.5	1.58	0.20	7.83	971.	59.	8.
2087	0000	-761	37.2826	80.8291	OMUU	0.5	0.9 -	4.6	1.77	0.20	8.83	951.	59.	8.
2088	0000	-760	37.2827	80.8286	OMUU	0.5	0.9 -	4.3	1.78	0.21	8.66	917.	61.	9.
2089	0000	-758	37.2827	80.8281	OMUU	0.4	0.9 -	4.3	2.02	0.21	9.68	899.	61.	10.
2090	0000	-760	37.2827	80.8275	OMUU	0.4	1.1	4.5	2.74	0.25	11.07	904.	62.	9.
2091	0000	-761	37.2827	80.8270	OMUU	0.3	1.2	4.7	3.58	0.27	13.51 +	903.	65.	8.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-760	37.2827	80.8265		OMUU	0.3 -	1.2	5.0	3.52	0.24	14.67 +	925.	66.	8.
2093	0000	-760	37.2828	80.8259		OMUU	0.3 -	1.3	5.2	4.13 +	0.26	16.17 +	961.	64.	7.
2094	0000	-761	37.2828	80.8254		OMUU	0.3	1.5	5.5	4.31 +	0.27	16.12 +	994.	63.	6.
2095	0000	-762	37.2829	80.8248		OMUU	0.3 -	1.7	5.9	5.46 +	0.29	18.99 ++	1028.	63.	4.
2096	0000	-761	37.2829	80.8243		OMUU	0.3 -	1.7	6.1	5.18 +	0.29	17.96 ++	1057.	65.	3.
2097	0000	-760	37.2829	80.8238		SU	0.3	1.7	6.4 +	5.05	0.27	18.93 +	1077.	64.	3.
2098	0000	-761	37.2829	80.8232		SU	0.3	1.9 +	6.1 +	5.34	0.30	17.60	1107.	63.	4.
2099	0000	-759	37.2829	80.8227		SU	0.3	2.1 +	6.3 +	6.48 +	0.33	19.38 +	1122.	64.	3.
2100	0000	-759	37.2830	80.8222		SU	0.3	2.0 +	6.4 +	5.83	0.32	18.44 +	1133.	62.	4.
2101	0000	-763	37.2830	80.8216		SU	0.3	2.0 +	6.3 +	5.79	0.31	18.54 +	1123.	65.	5.
2102	0000	-762	37.2830	80.8211		SU	0.4	1.9 +	6.4 +	5.43	0.30	18.09 +	1132.	63.	5.
2103	0000	-761	37.2830	80.8206		SU	0.4	2.0 +	6.4 +	5.52	0.31	17.78	1135.	61.	5.
2104	0000	-764	37.2831	80.8200		SU	0.3	1.9 +	5.9 +	5.57	0.33	17.02	1110.	63.	6.
2105	0000	-763	37.2831	80.8195		SU	0.3	1.9 +	6.2 +	5.48	0.31	17.70	1107.	61.	6.
2106	0000	-759	37.2831	80.8190		SU	0.3	1.8	6.1 +	5.15	0.29	17.65	1092.	60.	6.
2107	0000	-763	37.2831	80.8184		SU	0.3	1.7	5.9 +	5.05	0.28	17.83 +	1066.	62.	6.
2108	0000	-767	37.2831	80.8179		SU	0.3	1.8	5.9 +	5.28	0.30	17.38	1061.	60.	5.
2109	0000	-766	37.2832	80.8174		SU	0.3	1.7	5.5	4.89	0.31	15.64	1047.	62.	5.
2110	0000	-763	37.2832	80.8168		SU	0.4	1.6	5.5	4.43	0.30	14.63	1046.	62.	5.
2111	0000	-765	37.2832	80.8163		SU	0.4	1.7	5.5	4.47	0.31	14.42	1062.	61.	4.
2112	0000	-768	37.2832	80.8157		SU	0.4	1.8 +	5.3	4.84	0.35	13.96	1056.	61.	3.
2113	0000	-766	37.2832	80.8152		SU	0.4	1.9 +	4.8	4.64	0.39	11.87	1054.	63.	3.
2114	0000	-765	37.2833	80.8147		SU	0.4	2.0 +	4.6	4.64	0.44 +	10.60	1062.	64.	3.
2115	0000	-769	37.2833	80.8141		SU	0.4	2.2 +	4.6	5.19	0.49 +	10.62	1070.	65.	2.
2116	0000	-769	37.2834	80.8136		SU	0.4	2.3 +	4.8	5.93	0.48 +	12.48	1065.	66.	2.
2117	0000	-768	37.2834	80.8131		SU	0.4	2.4 +	5.1	6.11 +	0.46 +	13.22	1067.	65.	2.
2118	0000	-770	37.2834	80.8125		SU	0.4	2.3 +	5.1	5.23	0.45 +	11.68	1050.	66.	1.
2119	0000	-770	37.2834	80.8120		SU	0.4	2.2 +	5.0	4.82	0.43 +	11.13	1046.	67.	1.
2120	0000	-769	37.2834	80.8115		SU	0.4	2.1 +	5.2	5.08	0.41	12.38	1054.	66.	1.
2121	0000	-772	37.2835	80.8109		SU	0.4	2.2 +	5.5	6.03 +	0.41	14.73	1055.	65.	1.
2122	0000	-771	37.2835	80.8104		SU	0.4	2.0 +	5.7	4.97	0.34	14.52	1068.	62.	1.
2123	0000	-771	37.2835	80.8098		SU	0.4	1.9 +	6.0 +	4.26	0.31	13.75	1090.	59.	0.
2124	0000	-772	37.2835	80.8093		SU	0.4	1.8	6.0 +	4.38	0.30	14.63	1081.	61.	0.
2125	0000	-773	37.2835	80.8087		SU	0.4	1.9 +	6.1 +	5.24	0.31	16.87	1082.	60.	1.
2126	0000	-775	37.2836	80.8082		SU	0.4	1.7	6.1 +	4.92	0.28	17.32	1068.	61.	1.
2127	0000	-776	37.2836	80.8077		SU	0.4	1.6	6.2 +	4.31	0.27	16.25	1051.	62.	1.
2128	0000	-775	37.2836	80.8072		SU	0.4	1.4	6.0 +	3.59	0.24	15.19	1027.	61.	1.
2129	0000	-773	37.2836	80.8066		SU	0.4	1.5	5.5	3.73	0.26	14.08	1004.	63.	1.
2130	0000	-773	37.2837	80.8061		SU	0.4	1.5	4.9	3.86	0.30	12.99	965.	68.	2.
2131	0000	-773	37.2837	80.8055		SU	0.3	1.5	4.7	4.46	0.32	13.91	947.	66.	2.
2132	0000	-774	37.2837	80.8050		SU	0.3	1.5	4.7	4.93	0.31	15.67	929.	67.	2.
2133	0000	-775	37.2837	80.8045		SU	0.3	1.5	4.6	5.65	0.32	17.69	895.	65.	2.
2134	0000	-776	37.2837	80.8039		SU	0.3	1.5	4.3	5.94	0.34	17.26	863.	64.	2.
2135	0000	-776	37.2838	80.8034		SU	0.2	1.4	4.2	5.71	0.33	17.39	836.	67.	3.
2136	0000	-775	37.2838	80.8029		SU	0.2	1.3	4.2	6.23 +	0.32	19.46 +	813.	68.	3.
2137	0000	-776	37.2839	80.8023		SU	0.2	1.4	4.2	6.66 +	0.33	20.48 +	805.	66.	3.
2138	0000	-776	37.2839	80.8018		SU	0.2	1.4	3.9	5.76	0.35	16.45	794.	65.	2.
2139	0000	-776	37.2839	80.8013		SU	0.3	1.3	3.7	4.37	0.34	12.83	789.	64.	3.
2140	0000	-775	37.2839	80.8007		SU	0.3	1.2	3.6	3.59	0.34	10.48	806.	63.	3.
2141	0000	-776	37.2839	80.8002		SU	0.4	1.1	3.7	2.80	0.28	9.90	817.	61.	3.
2142	0000	-778	37.2840	80.7996		SU	0.4	1.2	3.6	2.98	0.33	9.13	832.	59.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294 PAGE 601

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-777	37.2840	80.7991		SU	0.4	1.0	3.7	2.40	0.27	9.00	836.	59.	3.
2144	0000	-778	37.2840	80.7985		SU	0.4	1.1	3.9	2.67	0.30	9.04	866.	57.	4.
2145	0000	-780	37.2840	80.7980		SU	0.5	1.0	4.0	1.99 -	0.25	8.08 -	898.	59.	5.
2146	0000	-777	37.2840	80.7974		SU	0.5	1.0	4.4	1.83 -	0.22	8.30 -	952.	58.	6.
2147	0000	-777	37.2841	80.7969		SU	0.6	1.0	4.6	1.83 -	0.22	8.34 -	994.	60.	6.
2148	0000	-779	37.2841	80.7965		SU	0.6 +	1.1	4.7	1.86 -	0.24	7.90 -	1049.	63.	7.
2149	0000	-777	37.2841	80.7959		SU	0.7 +	1.3	5.0	1.88 -	0.25	7.39 -	1124.	61.	7.
2150	0000	-779	37.2841	80.7954		SU	0.8 +	1.5	5.1	2.01 -	0.30	6.73 -	1206.	60.	7.
2151	0000	-782	37.2842	80.7948		SU	0.8 +	1.6	5.3	1.94 -	0.31	6.34 -	1278.	62.	7.
2152	0000	-779	37.2842	80.7943		SU	0.9 +	1.7	5.6	1.98 -	0.31	6.37 -	1329.	63.	7.
2153	0000	-778	37.2842	80.7937		SU	0.9 +	2.1 +	5.0	2.19	0.41	5.31 --	1368.	62.	6.
2154	0000	-779	37.2842	80.7932		SU	1.0 ++	2.1 +	4.9	2.17	0.43	5.07 --	1394.	62.	6.
2155	0000	-778	37.2842	80.7926		SU	1.0 ++	2.2 +	5.0	2.13	0.43 +	4.92 --	1419.	60.	6.
2156	0000	-779	37.2843	80.7921		SU	1.0 ++	1.9 +	5.3	1.88 -	0.36	5.29 --	1417.	62.	6.
2157	0000	-779	37.2843	80.7915		SU	1.0 ++	1.6	5.3	1.57 -	0.30	5.22 --	1377.	63.	7.
2158	0000	-779	37.2843	80.7910		SU	1.0 ++	1.3	5.3	1.32 -	0.24	5.50 --	1314.	61.	8.
2159	0000	-780	37.2843	80.7904		OMUU	0.9	1.2	5.0	1.29	0.24	5.36 -	1274.	61.	9.
2160	0000	-779	37.2843	80.7900		OMUU	0.8	0.8 -	5.2	0.95 -	0.15 -	6.45	1202.	64.	10.
2161	0000	-778	37.2844	80.7894		OMUU	0.7	0.9 -	5.2	1.21 -	0.17 -	7.33	1149.	64.	9.
2162	0000	-780	37.2844	80.7888		OMUU	0.6	0.8 -	5.1	1.30	0.15 -	8.50	1091.	63.	9.
2163	0000	-779	37.2845	80.7884		OMUU	0.6	0.7 -	5.2	1.29	0.14 -	9.40	1051.	61.	9.
2164	0000	-776	37.2845	80.7878		OMUU	0.5	0.9 -	4.9	1.77	0.18 -	9.71	1023.	62.	8.
2165	0000	-778	37.2845	80.7873		OMUU	0.5	1.0	4.8	2.02	0.22	9.26	1007.	64.	6.
2166	0000	-780	37.2845	80.7867		OMUU	0.4	1.1	5.2	2.39	0.20	11.88	992.	62.	5.
2167	0000	-780	37.2845	80.7862		OMUU	0.5	1.2	5.4	2.45	0.22	10.90	1019.	60.	4.
2168	0000	-781	37.2845	80.7856		OMUU	0.6	1.0 -	5.8	1.80	0.17 -	10.42	1051.	58.	4.
2169	0000	-782	37.2845	80.7852		OMUU	0.6	1.0	5.9	1.76	0.17 -	10.18	1080.	57.	3.
2170	0000	-784	37.2846	80.7845		OMUU	0.7	1.0	5.6	1.51	0.18 -	8.42	1105.	59.	3.
2171	0000	-784	37.2846	80.7840		OMUU	0.7	0.9 -	6.1	1.38	0.15 -	8.95	1142.	58.	2.
2172	0000	-782	37.2847	80.7835		OMUU	0.7	0.9 -	6.2	1.33	0.15 -	8.78	1174.	53.	3.
2173	0000	-781	37.2847	80.7830		OMUU	0.8	1.2	6.1	1.44	0.19	7.61	1206.	53.	2.
2174	0000	-782	37.2847	80.7824		OMUU	0.8	1.2	6.5	1.55	0.19	8.29	1209.	52.	2.
2175	0000	-784	37.2847	80.7819		OMUU	0.8	1.3	6.4	1.66	0.20	8.40	1202.	51.	2.
2176	0000	-785	37.2847	80.7813		OMUU	0.8	1.3	6.4	1.57	0.20	7.85	1199.	50.	3.
2177	0000	-785	37.2848	80.7808		OMUU	0.7	1.6	6.4	2.27	0.25	9.11	1199.	49.	2.
2178	0000	-785	37.2848	80.7803		OMUU	0.7	1.6	6.9	2.22	0.23	9.74	1203.	49.	3.
2179	0000	-784	37.2849	80.7797		OMUU	0.7	1.8	6.8	2.44	0.26	9.52	1209.	51.	2.
2180	0000	-784	37.2849	80.7792		OMUU	0.7	1.5	6.7	2.11	0.23	9.34	1201.	51.	3.
2181	0000	-785	37.2849	80.7787		OMUU	0.7	1.9	6.0	2.60	0.31	8.28	1222.	52.	3.
2182	0000	-787	37.2849	80.7782		OMUU	0.7	2.0 +	5.6	2.72	0.36	7.54	1228.	53.	4.
2183	0000	-786	37.2849	80.7776		OMUU	0.7	2.1 +	5.5	3.15	0.39 +	7.99	1242.	56.	3.
2184	0000	-784	37.2850	80.7771		OMUU	0.7	1.9	5.6	2.67	0.34	7.78	1241.	57.	4.
2185	0000	-786	37.2850	80.7765		OMUU	0.7	2.1 +	4.7	2.88	0.46 +	6.25	1250.	56.	4.
2186	0000	-787	37.2850	80.7760		OMUU	0.7	2.0 +	5.0	2.70	0.41 +	6.65	1268.	56.	4.
2187	0000	-785	37.2850	80.7754		OMUU	0.7	2.2 +	5.3	3.12	0.41 +	7.53	1286.	56.	3.
2188	0000	-784	37.2850	80.7749		OMUU	0.7	1.9	5.7	2.67	0.33	8.10	1283.	54.	3.
2189	0000	-786	37.2850	80.7743		OMUU	0.6	1.9	5.8	2.97	0.33	9.01	1270.	56.	2.
2190	0000	-788	37.2850	80.7738		OMUU	0.6	1.9	6.2	3.18	0.31	10.41	1241.	54.	2.
2191	0000	-789	37.2851	80.7733		OMUU	0.6	2.1 +	5.8	3.54	0.35	10.00	1218.	51.	1.
2192	0000	-787	37.2851	80.7728		OMUU	0.5	2.0	6.0	3.76	0.33	11.58	1150.	52.	1.
2193	0000	-788	37.2851	80.7723		OMUU	0.5	1.9	5.5	4.21 +	0.35	12.15	1078.	52.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-790	37.2851	80.7716	OMUU	0.5	1.7	4.9	3.69	0.34	10.73	1005.	51.	2.
2195	0000	-792	37.2850	80.7710	OMUU	0.4	1.5	4.7	3.72	0.32	11.67	934.	53.	3.
2196	0000	-791	37.2850	80.7703	OMUU	0.4	1.3	4.5	3.03	0.29	10.58	893.	52.	4.
2197	0000	-790	37.2850	80.7697	OMUU	0.5	1.1	3.8	2.44	0.30	8.04	865.	53.	5.
2198	0000	-793	37.2850	80.7691	OMUU	0.5	1.0 -	3.4 -	2.06	0.29	7.23	835.	54.	6.
2199	0000	-794	37.2849	80.7685	OMUU	0.5	0.8 -	3.3 -	1.73	0.25	6.80	834.	52.	7.
2200	0000	-793	37.2849	80.7678	OMUU	0.5	0.7 -	3.4 -	1.35	0.21	6.44	848.	53.	8.
2201	0000	-795	37.2849	80.7672	OMUU	0.5	0.8 -	3.8	1.49	0.20	7.40	878.	55.	7.
2202	0000	-795	37.2848	80.7666	OMUU	0.6	0.7 -	3.7 -	1.26 -	0.20	6.36	901.	53.	8.
2203	0000	-795	37.2848	80.7660	OMUU	0.6	0.9 -	3.6 -	1.50	0.25	6.12	922.	53.	8.
2204	0000	-797	37.2847	80.7654	OMUU	0.6	1.0	3.5 -	1.82	0.29	6.19	943.	52.	9.
2205	0000	-795	37.2847	80.7647	OMUU	0.6	1.0 -	3.6 -	1.71	0.28	6.19	964.	52.	9.
2206	0000	-795	37.2847	80.7641	OMUU	0.6	1.1	3.8	1.88	0.29	6.45	975.	52.	9.
2207	0000	-796	37.2847	80.7634	OMUU	0.5	1.3	3.6 -	2.36	0.36	6.58	970.	52.	9.
2208	0000	-797	37.2846	80.7628	OMUU	0.5	1.3	3.2 -	2.62	0.42 +	6.23	937.	55.	9.
2209	0000	-799	37.2846	80.7622	OMUU	0.5	1.5	3.2 -	3.18	0.47 +	6.82	920.	55.	9.
2210	0000	-798	37.2846	80.7616	OMUU	0.5	1.4	3.0 -	3.02	0.48 +	6.28	900.	51.	8.
2211	0000	-796	37.2845	80.7610	OMUU	0.5	1.5	3.4 -	3.34	0.44 +	7.56	870.	52.	6.
2212	0000	-798	37.2845	80.7603	OMUU	0.4	1.6	3.4 -	3.93 +	0.47 +	8.28	861.	52.	5.
2213	0000	-800	37.2845	80.7597	OMUU	0.4	1.8	3.2 -	4.06 +	0.56 ++	7.24	883.	53.	4.
2214	0000	-800	37.2845	80.7590	OMUU	0.5	1.9	3.2 -	3.91 +	0.59 ++	6.63	907.	53.	3.
2215	0000	-801	37.2844	80.7585	OMUU	0.5	1.9	3.4 -	3.53	0.56 ++	6.33	926.	49.	2.
2216	0000	-802	37.2844	80.7578	OMUU	0.6	1.9	3.4 -	3.31	0.56 ++	5.92	953.	49.	2.
2217	0000	-799	37.2843	80.7572	OMUU	0.6	1.9	3.8	3.22	0.50 +	6.51	976.	53.	2.
2218	0000	-799	37.2843	80.7565	OMUU	0.6	1.8	3.4 -	3.00	0.53 +	5.67 -	1011.	52.	3.
2219	0000	-802	37.2843	80.7560	OMUU	0.6	1.8	3.2 -	2.86	0.58 ++	4.95 -	1022.	55.	4.
2220	0000	-803	37.2842	80.7553	OMUU	0.6	1.8	3.1 -	2.85	0.56 ++	5.08 -	1009.	54.	5.
2221	0000	-803	37.2842	80.7547	OKU	0.6	1.6	3.3 -	2.67	0.49 +	5.49	1004.	53.	6.
2222	0000	-804	37.2842	80.7540	OKU	0.6	1.6	3.3 -	2.59	0.47 +	5.47	1008.	54.	7.
2223	0000	-806	37.2842	80.7535	OKU	0.6	1.6	3.3 -	2.80	0.48 +	5.85	1007	55.	8.
2224	0000	-803	37.2841	80.7528	OKU	0.5	1.9	3.2 -	3.93	0.61 ++	6.39	1026.	54.	7.
2225	0000	-801	37.2841	80.7522	OKU	0.5	2.0	3.5 -	4.23 +	0.58 +	7.33	1031.	56.	6.
2226	0000	-805	37.2840	80.7515	OKU	0.5	2.1 +	4.0	4.70 +	0.54 +	8.72	1054.	54.	5.
2227	0000	-805	37.2840	80.7509	OKU	0.4	2.3 +	4.4	5.50 +	0.53 +	10.40	1090.	55.	3.
2228	0000	-803	37.2840	80.7503	OKU	0.4	2.6 ++	4.4	5.76 +	0.59 +	9.72	1147.	56.	2.
2229	0000	-806	37.2839	80.7497	OKU	0.5	2.7 ++	4.6	5.37 +	0.59 +	9.13	1225.	55.	2.
2230	0000	-806	37.2839	80.7490	OKU	0.7	2.8 ++	5.0	4.24 +	0.55 +	7.73	1312.	54.	1.
2231	0000	-803	37.2839	80.7484	OKU	0.8	2.6 ++	5.1	3.16	0.51 +	6.24	1395.	53.	2.
2232	0000	-804	37.2839	80.7478	OKU	1.0	2.7 ++	5.1	2.79	0.53 +	5.22	1495.	51.	2.
2233	0000	-805	37.2838	80.7472	OKU	1.2 +	2.6 ++	5.1	2.20	0.51 +	4.31 -	1581.	50.	4.
2234	0000	-805	37.2838	80.7465	OKU	1.4 +	2.2 +	5.0	1.59	0.44 +	3.65 -	1647.	50.	6.
2235	0000	-807	37.2837	80.7458	OKU	1.5 +	2.0	5.2	1.33 -	0.38	3.46 -	1686.	49.	7.
2236	0000	-808	37.2837	80.7453	OKU	1.6 +	1.8	5.1	1.16 -	0.36	3.24 --	1696.	48.	8.
2237	0000	-808	37.2837	80.7447	OKU	1.6 +	1.9	4.7	1.21 -	0.41	2.97 --	1693.	49.	10.
2238	0000	-807	37.2836	80.7440	OKU	1.5 +	1.9	5.0	1.22 -	0.37	3.32 -	1667.	48.	11.
2239	0000	-807	37.2836	80.7433	OKU	1.4 +	1.5	5.2	1.07 -	0.29	3.66 -	1602.	49.	11.
2240	0000	-806	37.2836	80.7428	OKU	1.2 +	1.6	5.5	1.25 -	0.28	4.44 -	1549.	50.	11.
2241	0000	-807	37.2836	80.7422	OKU	1.1 +	1.7	5.7	1.52	0.30	5.10	1522.	49.	11.
2242	0000	-810	37.2835	80.7415	OKU	1.0	1.8	5.6	1.79	0.32	5.52	1475.	49.	11.
2243	0000	-808	37.2835	80.7408	OKU	0.9	1.9	5.6	2.08	0.34	6.14	1437.	50.	10.
2244	0000	-807	37.2834	80.7403	OKU	0.8	1.8	5.9	2.36	0.31	7.52	1391.	50.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG -810	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-810	37.2834	80.7396	OKU	0.7	1.9	5.4	2.60	0.35	7.46	1343.	52.	8.
2246	0000	-810	37.2834	80.7390	OKU	0.7	2.0	5.2	3.01	0.38	7.88	1305.	53.	8.
2247	0000	-810	37.2833	80.7384	OKU	0.6	2.1 +	4.9	3.39	0.43 +	7.90	1255.	52.	6.
2248	0000	-811	37.2833	80.7378	CCR-1	0.5	2.3	4.5	4.27 +	0.52 +	8.24	1180.	54.	5.
2249	0000	-809	37.2833	80.7371	CCR-1	0.5	2.2	4.3	4.98 +	0.53 +	9.47	1136.	55.	3.
2250	0000	-808	37.2833	80.7365	CCR-1	0.4	2.4	4.1	5.90 +	0.58 +	10.09	1108.	55.	2.
2251	0000	-810	37.2832	80.7359	CCR-1	0.4	2.3	4.2	5.49 +	0.56 +	9.82	1076.	54.	2.
2252	0000	-810	37.2832	80.7352	CCR-1	0.4 -	2.3	4.2	5.91 +	0.55 +	10.71 +	1046.	52.	0.
2253	0000	-811	37.2831	80.7346	CCR-1	0.4 -	2.4	4.1	6.46 +	0.59 +	11.00 +	1016.	52.	0.
2254	0000	-813	37.2831	80.7340	CCR-1	0.4 -	2.4	3.9	6.62 +	0.61 ++	10.82 +	993.	53.	0.
2255	0000	-811	37.2831	80.7334	CCR-1	0.4	2.2	3.9	5.37 +	0.56 +	9.51	1007.	52.	1.
2256	0000	-812	37.2830	80.7327	CCR-1	0.5	2.2	3.9	4.48 +	0.57 +	7.89	1031.	53.	1.
2257	0000	-815	37.2830	80.7321	CCR-1	0.5	2.0	3.9	3.74	0.52 +	7.24	1036.	53.	2.
2258	0000	-813	37.2830	80.7315	CCR-1	0.5	1.9	3.6	3.68	0.52 +	7.05	1035.	53.	4.
2259	0000	-812	37.2830	80.7308	CCR-1	0.5	1.8	3.7	3.42	0.48	7.11	1029.	56.	6.
2260	0000	-813	37.2829	80.7302	CCR-1	0.5	1.6	3.7	3.12	0.43	7.19	1025.	54.	8.
2261	0000	-814	37.2828	80.7296	CCR-1	0.5	1.4	3.9	2.68	0.36	7.54	1013.	54.	10.
2262	0000	-813	37.2828	80.7290	CCR-1	0.5	1.4	3.9	2.94	0.34	8.53	988.	56.	10.
2263	0000	-816	37.2828	80.7283	CCR-1	0.4 -	1.1 -	4.4	2.92	0.25 -	11.55 +	965.	56.	11.
2264	0000	-816	37.2828	80.7277	CCR-1	0.3 -	1.2 -	4.4	3.71	0.27	13.58 +	948.	54.	11.
2265	0000	-814	37.2827	80.7271	CCR-1	0.3 -	1.5	4.3	5.09 +	0.34	14.82 +	939.	56.	10.
2266	0000	-814	37.2827	80.7265	CCR-1	0.3 -	1.6	4.6	5.66 +	0.34	16.73 +	951.	53.	9.
2267	0000	-813	37.2827	80.7258	CN	0.3 -	1.7	4.4	5.32 +	0.38	13.90 +	972.	55.	8.
2268	0000	-815	37.2827	80.7252	CN	0.3 -	1.8	4.2	5.41 +	0.44	12.39 +	998.	54.	7.
2269	0000	-816	37.2826	80.7246	CN	0.4 -	1.8	4.3	4.93 +	0.42	11.81 +	1019.	52.	6.
2270	0000	-814	37.2825	80.7239	CN	0.4 -	1.9	3.9 -	4.46 +	0.50 +	8.97	1039.	53.	7.
2271	0000	-814	37.2825	80.7233	CN	0.5	2.1	4.2	4.34 +	0.50 +	8.76	1098.	53.	6.
2272	0000	-816	37.2825	80.7227	CN	0.6	2.0	4.5	3.34	0.45	7.43	1189.	50.	6.
2273	0000	-817	37.2825	80.7221	CN	0.8	2.1	4.3	2.57	0.49	5.28	1304.	52.	6.
2274	0000	-817	37.2824	80.7214	CN	1.0	2.2	4.8	2.19	0.46	4.74	1446.	52.	5.
2275	0000	-817	37.2824	80.7208	CHK-1	1.2	2.3	5.3	1.91	0.45	4.29	1611.	53.	5.
2276	0000	-817	37.2823	80.7202	CHK-1	1.4	2.6 +	5.6	1.82	0.46	3.93	1758.	52.	5.
2277	0000	-818	37.2823	80.7196	CHK-2	1.6	2.7	6.1 -	1.69	0.44 +	3.70	1919.	50.	5.
2278	0000	-817	37.2823	80.7189	CHK-2	1.9	2.6	6.1 -	1.38	0.42 +	3.30	2025.	53.	7.
2279	0000	-816	37.2822	80.7183	CHK-2	2.0	2.6	6.5 -	1.30	0.40	3.25	2102.	54.	8.
2280	0000	-816	37.2822	80.7177	CHK-2	2.1	2.6	6.7 -	1.25	0.39	3.23	2139.	52.	9.
2281	0000	-816	37.2822	80.7171	CHK-2	2.0	2.5	6.6 -	1.23	0.38	3.22	2131.	51.	10.
2282	0000	-816	37.2822	80.7164	CHK-2	2.0	2.3	6.7 -	1.15	0.35	3.30	2092.	50.	11.
2283	0000	-815	37.2821	80.7158	CHK-2	2.0	2.2	6.4 -	1.14	0.35	3.28	2036.	49.	12.
2284	0000	-815	37.2821	80.7152	CHK-2	1.8	2.2	6.2 -	1.22	0.36	3.37	1951.	50.	11.
2285	0000	-816	37.2820	80.7146	CHK-1	1.8 +	2.1	5.9 +	1.19 -	0.36	3.29 -	1895.	48.	10.
2286	0000	-816	37.2820	80.7140	CHK-1	1.8 +	2.2	5.5	1.27	0.41	3.11 -	1846.	50.	9.
2287	0000	-817	37.2820	80.7133	CHK-1	1.6 +	2.3	5.5	1.39	0.41	3.39 -	1798.	51.	8.
2288	0000	-817	37.2819	80.7127	CHK-1	1.6 +	2.3	5.3	1.42	0.44	3.25 -	1755.	51.	6.
2289	0000	-815	37.2819	80.7121	CHK-1	1.6 +	2.4 +	5.5	1.56	0.44	3.56	1699.	52.	5.
2290	0000	-816	37.2819	80.7114	CHK-1	1.5	2.3	5.3	1.61	0.44	3.63	1630.	51.	4.
2291	0000	-816	37.2819	80.7108	CHK-1	1.3	2.3	4.9	1.71	0.46	3.67	1531.	50.	2.
2292	0000	-814	37.2818	80.7102	CHK-1	1.1	2.4	4.4	2.06	0.53 +	3.87	1423.	50.	1.
2293	0000	-816	37.2818	80.7095	CHK-1	1.0	2.1	4.4	2.07	0.48	4.29	1324.	46.	1.
2294	0000	-818	37.2817	80.7089	CHK-1	1.0	2.1	3.9 -	2.12	0.54 +	3.95	1273.	46.	0.
2295	0000	-816	37.2817	80.7083	CHK-1	0.9	1.9	4.2 -	2.12	0.46	4.64	1254.	48.	0.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-816	37.2817	80.7076	CHK-1	0.9	2.0	3.7 -	2.21	0.55 +	4.01	1275.	47.	0.
2297	0000	-819	37.2816	80.7071	CHK-1	1.0	2.2	4.0 -	2.31	0.56 +	4.14	1342.	48.	0.
2298	0000	-818	37.2816	80.7064	CHK-1	1.1	2.3	4.3	2.17	0.55 +	3.97	1433.	47.	0.
2299	0000	-818	37.2816	80.7058	CHK-1	1.2	2.4	4.7	2.03	0.51 +	3.97	1515.	51.	1.
2300	0000	-817	37.2816	80.7051	CHK-1	1.3	2.4 +	4.9	1.83	0.49	3.73	1592.	53.	2.
2301	0000	-816	37.2815	80.7045	CHK-1	1.3	2.2	5.5	1.69	0.40	4.22	1[illegible].	51.	3.
2302	0000	-818	37.2815	80.7039	CHK-1	1.2	2.2	5.0	1.83	0.45	4.06	153[illegible].	50.	4.
2303	0000	-819	37.2814	80.7032	CHK-1	1.1	2.1	5.1	1.87	0.40	4.64	1436.	51.	4.
2304	0000	-819	37.2814	80.7027	CHK-1	1.0	1.9	4.9	1.87	0.38	4.86	1335.	52.	5.
2305	0000	-819	37.2814	80.7020	CHK-1	0.9	1.7	4.9	1.91	0.34	5.61	1239.	54.	5.
2306	0000	-817	37.2813	80.7014	CHK-1	0.8	1.6	4.8	2.13	0.34	6.27	1171.	49.	5.
2307	0000	-816	37.2813	80.7007	CHK-1	0.6	1.7	4.6	2.62	0.37	7.10	1123.	50.	4.
2308	0000	-817	37.2813	80.7002	CHK-1	0.6	1.8	4.4	2.95	0.42	7.02	1111.	54.	3.
2309	0000	-817	37.2813	80.6995	CHK-1	0.6	1.8	4.8	2.83	0.38	7.46	1117.	53.	2.
2310	0000	-817	37.2812	80.6989	CHK-1	0.7	1.9	4.6	2.82	0.40	7.04	1130.	51.	2.
2311	0000	-819	37.2812	80.6983	CHK-1	0.7	1.8	4.5	2.53	0.40	6.30	1138.	51.	2.
2312	0000	-818	37.2812	80.6977	CHK-1	0.8	1.9	4.4	2.50	0.43	5.86	1172.	50.	3.
2313	0000	-816	37.2812	80.6970	CHK-1	0.9	1.8	4.7	2.06	0.38	5.45	1210.	51.	4.
2314	0000	-818	37.2812	80.6964	CHK-1	0.9	1.6	4.7	1.83	0.35	5.31	1246.	48.	6.
2315	0000	-820	37.2812	80.6957	CHK-1	0.9	1.5 -	4.6	1.58	0.32	4.88	1253.	47.	8.
2316	0000	-818	37.2812	80.6951	CHK-1	1.0	1.4 -	4.4	1.38	0.31	4.46	1293.	48.	11.
2317	0000	-816	37.2812	80.6944	CHK-1	1.0	1.2 -	4.4	1.17 -	0.28 -	4.26	1344.	48.	13.
2318	0000	-818	37.2812	80.6937	CHK-1	1.0	1.2 -	4.7	1.14 -	0.25 -	4.50	1389.	47.	14.
2319	0000	-819	37.2812	80.6932	CHK-1	1.1	1.0 --	4.8	0.94 -	0.21 -	4.44	1398.	49.	15.
2320	0000	-816	37.2812	80.6925	CHK-1	1.0	1.0 --	4.9	0.99 -	0.20 -	4.84	1379.	51.	15.
2321	0000	-815	37.2812	80.6919	CHK-1	0.9	1.1 -	5.0	1.22 -	0.23 -	5.40	1344.	52.	14.
2322	0000	-815	37.2812	80.6912	CHK-1	0.9	1.3 -	5.1	1.37	0.25 -	5.43	1369.	52.	13.
2323	0000	-815	37.2812	80.6906	CHK-1	1.0	1.3 -	5.5	1.32	0.24 -	5.61	1400.	52.	11.
2324	0000	-818	37.2812	80.6900	CHK-1	1.1	1.4 -	5.5	1.35	0.26 -	5.24	1421.	53.	9.
2325	0000	-820	37.2812	80.6893	CHK-1	1.1	1.5	5.5	1.35	0.28 -	4.83	1445.	52.	7.
2326	0000	-819	37.2812	80.6887	CHK-1	1.2	1.7	5.6	1.34	0.29 -	4.57	1483.	51.	5.
2327	0000	-820	37.2812	80.6881	CHK-1	1.3	1.8	5.3	1.33	0.33	4.06	1519.	51.	5.
2328	0000	-822	37.2812	80.6874	CHK-1	1.4	1.8	5.1	1.23 -	0.34	3.57	1555.	51.	4.
2329	0000	-822	37.2812	80.6868	CHK-1	1.4	1.7	5.3	1.18 -	0.32	3.72	1558.	50.	3.
2330	0000	-821	37.2812	80.6861	CHK-1	1.5 + -	1.6	5.3	1.10 -	0.31	3.54	1568.	51.	4.
2331	0000	-820	37.2812	80.6855	CHK-1	1.6 +	1.7	5.5	1.06 -	0.31	3.46 -	1620.	50.	4.
2332	0000	-821	37.2812	80.6848	CHK-1	1.6 +	1.8	5.5	1.10 -	0.32	3.42 -	1666.	50.	4.
2333	0000	-820	37.2812	80.6842	CHK-1	1.6 +	1.8	5.5	1.07 -	0.32	3.36 -	1691.	50.	5.
2334	0000	-820	37.2812	80.6836	CHK-1	1.7 +	1.8	5.5	1.01 -	0.32	3.20 -	1709.	50.	4.
2335	0000	-823	37.2812	80.6830	CN	1.7	1.7	5.8	0.99	0.29 -	3.40	1702.	50.	5.
2336	0000	-823	37.2812	80.6823	CN	1.8	1.8	5.6	1.02	0.32	3.18	1704.	52.	5.
2337	0000	-821	37.2812	80.6817	CN	1.7	2.0	5.5	1.16	0.36	3.23	1682.	54.	5.
2338	0000	-821	37.2812	80.6810	CN	1.6	1.9	5.3	1.23	0.37	3.37	1632.	53.	6.
2339	0000	-821	37.2813	80.6804	CN	1.6	1.7	5.2	1.05	0.32	3.27	1601.	54.	6.
2340	0000	-821	37.2813	80.6797	CN	1.5	1.7	5.0	1.12	0.33	3.38	1573.	52.	7.
2341	0000	-823	37.2813	80.6791	CN	1.4	1.7	5.3	1.17	0.31	3.73	1557.	51.	8.
2342	0000	-823	37.2813	80.6785	CN	1.4	1.6	4.9	1.12	0.32	3.45	1554.	50.	8.
2343	0000	-823	37.2813	80.6779	CN	1.4	1.5 -	4.8	1.11	0.31	3.53	1529.	50.	9.
2344	0000	-823	37.2813	80.6772	CN	1.3	1.4 -	4.6	1.02	0.30 -	3.45	1499.	45.	11.
2345	0000	-823	37.2813	80.6766	CN	1.3	1.2 --	4.6	0.90	0.25 -	3.57	1475.	47.	11.
2346	0000	-822	37.2813	80.6759	CN	1.3	1.3 -	4.8	1.02	0.27 -	3.78	1478.	46.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-823	37.2813	80.6753	CN	1.4	1.3 -	5.2	0.92	0.24 -	3.85	1528.	46.	10.
2348	0000	-824	37.2813	80.6746	CN	1.5	1.3 -	5.1	0.87	0.25 -	3.49	1571.	47.	10.
2349	0000	-824	37.2813	80.6741	CHK-1	1.5 +	1.4 -	5.5	0.95 -	0.26 -	3.66	1632.	48.	8.
2350	0000	-823	37.2812	80.6734	CHK-2	1.6	1.6 -	6.3 -	0.99	0.25 -	3.88	1753.	47.	7.
2351	0000	-823	37.2812	80.6727	CHK-2	1.7	2.0	6.7 -	1.19	0.31	3.90	1884.	48.	5.
2352	0000	-822	37.2813	80.6721	CHK-2	1.8	2.5	7.1	1.37	0.35	3.91	1990.	46.	3.
2353	0000	-821	37.2813	80.6715	CHK-2	1.9	2.6	7.5	1.37	0.35	3.97	2075.	47.	2.
2354	0000	-822	37.2813	80.6709	CHK-2	2.1	2.8	7.9	1.36	0.35	3.84	2167.	49.	2.
2355	0000	-823	37.2813	80.6702	CHK-2	2.2	3.2 +	8.3	1.45	0.39	3.76	2292.	50.	1.
2356	0000	-823	37.2813	80.6695	CHK-2	2.4	3.2 +	8.1	1.34	0.40	3.37	2400.	49.	1.
2357	0000	-825	37.2813	80.6689	CHK-2	2.6	3.2 +	7.8	1.27	0.42 +	3.05	2448.	50.	2.
2358	0000	-826	37.2813	80.6683	CHK-2	2.7 +	3.1	8.2	1.17	0.38	3.06	2481.	51.	2.
2359	0000	-825	37.2813	80.6677	CHK-2	2.8 +	3.0	7.9	1.09	0.38	2.85	2505.	53.	3.
2360	0000	-824	37.2813	80.6670	CHK-2	2.8 +	3.0	7.6	1.06	0.39	2.73 -	2484.	54.	3.
2361	0000	-825	37.2813	80.6664	CHK-2	2.7 +	2.9	7.3	1.09	0.40 +	2.70 -	2402.	53.	3.
2362	0000	-826	37.2813	80.6657	CN	2.5	2.5	7.3 +	1.00	0.35	2.88	2291.	50.	3.
2363	0000	-827	37.2813	80.6651	CN	2.3	2.4	7.2 +	1.08	0.34	3.20	2142.	53.	3.
2364	0000	-828	37.2813	80.6645	CN	2.0	2.5	6.9	1.28	0.36	3.53	1979.	52.	2.
2365	0000	-827	37.2813	80.6638	CCR-1	1.7 +	2.3	6.4 +	1.38 -	0.36	3.80 -	1832.	51.	3.
2366	0000	-827	37.2813	80.6632	CCR-1	1.5 +	2.4	6.2	1.64	0.39	4.25	1723.	49.	3.
2367	0000	-827	37.2813	80.6625	CCR-1	1.3	2.5	6.0	1.97	0.41	4.78	1638.	49.	3.
2368	0000	-827	37.2813	80.6619	CCR-1	1.1	2.5 +	5.9	2.31	0.43	5.36	1581.	49.	2.
2369	0000	-827	37.2813	80.6613	CN	1.0	3.0 +	5.9	3.12	0.51 +	6.05	1548.	49.	2.
2370	0000	-828	37.2813	80.6606	CN	0.9	3.1 +	6.1	3.36	0.51 +	6.57	1549.	46.	2.
2371	0000	-828	37.2813	80.6600	CN	1.0	3.0 +	6.5	3.11	0.46	6.74	1572.	48.	2.
2372	0000	-828	37.2813	80.6594	CN	1.0	3.2 +	6.3	3.12	0.51 +	6.15	1573.	48.	1.
2373	0000	-828	37.2813	80.6588	CN	1.0	3.0 +	6.2	2.94	0.49	6.06	1549.	49.	1.
2374	0000	-828	37.2813	80.6581	CN	1.0	2.9 +	6.1	3.00	0.48	6.25	1510.	49.	0.
2375	0000	-830	37.2813	80.6574	CN	0.9	2.8 +	5.8	3.16	0.48	6.55	1454.	47.	0.
2376	0000	-829	37.2813	80.6568	CN	0.8	2.3	5.7	2.85	0.40	7.05	1366.	50.	0.
2377	0000	-828	37.2813	80.6561	CN	0.7	2.3	5.6	3.41	0.42	8.12	1304.	49.	0.
2378	0000	-828	37.2813	80.6555	CN	0.5	2.4	5.4	4.42 +	0.45	9.86 +	1248.	50.	0.
2379	0000	-824	37.2813	80.6549	CN	0.4 -	2.4	5.5	5.54 +	0.44	12.56 +	1214.	53.	0.
2380	0000	-822	37.2814	80.6543	CN	0.4 -	2.5	5.7	7.13 +	0.45	15.87 +	1184.	54.	1.
2381	0000	-826	37.2814	80.6536	CN	0.3 -	2.4	5.7	7.34 +	0.42	17.54 +	1147.	54.	2.
2382	0000	-829	37.2814	80.6530	CN	0.3 -	2.3	5.6	8.74 +	0.42	20.98 ++	1109.	56.	3.
2383	0000	-829	37.2814	80.6523	CN	0.2 -	2.4	5.2	11.14 ++	0.46	24.19 ++	1076.	54.	3.
2384	0000	-829	37.2814	80.6517	CCR-1	0.2 -	2.1	5.1	9.20 ++	0.42	22.10 ++	1035.	54.	4.
2385	0000	-830	37.2814	80.6510	CCR-1	0.2 -	2.0	4.8	8.08 ++	0.41	19.51 ++	992.	50.	5.
2386	0000	-831	37.2814	80.6504	CCR-1	0.2 --	1.9	4.7	8.24 ++	0.40	20.87 ++	949.	48.	5.
2387	0000	-830	37.2814	80.6498	CCR-1	0.2 -	1.8	4.5	7.41 ++	0.41	18.25 ++	939.	48.	5.
2388	0000	-830	37.2814	80.6492	CCR-1	0.4 -	2.0	4.7	5.49 +	0.43	12.63 +	1021.	48.	4.
2389	0000	-830	37.2814	80.6485	CCR-1	0.6	2.0	5.3	3.26	0.39	8.38	1172.	45.	3.
2390	0000	-830	37.2814	80.6479	CCR-1	0.9	2.1	5.8	2.27	0.37	6.15	1356.	46.	3.
2391	0000	-831	37.2814	80.6472	CCR-1	1.3 +	2.1	6.2	1.70	0.35	4.87	1547.	47.	2.
2392	0000	-831	37.2814	80.6466	CCR-1	1.6 +	2.4	6.4 +	1.52	0.37	4.08 -	1723.	49.	2.
2393	0000	-830	37.2814	80.6459	CCR-1	1.8 +	2.3	6.7 +	1.27 -	0.35	3.66 -	1861.	50.	2.
2394	0000	-831	37.2814	80.6453	CCR-1	2.0 +	2.4	7.3 +	1.24 -	0.33	3.71 -	1941.	49.	1.
2395	0000	-833	37.2814	80.6447	CCR-1	1.9 +	2.6 +	7.4 +	1.36 -	0.35	3.85 -	1947.	50.	1.
2396	0000	-832	37.2814	80.6441	CCR-1	1.8 +	2.8 +	6.8 +	1.57	0.41	3.85 -	1884.	53.	2.
2397	0000	-831	37.2814	80.6434	CCR-1	1.5 +	2.7 +	6.9 +	1.78	0.40	4.47	1780.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

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* TAGS *					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-833	37.2814	80.6427	CCR-1	1.3 +	2.9 +	6.5 +	2.29	0.45	5.09	1667.	52.	2.
2399	0000	-834	37.2814	80.6421	CCR-1	1.0	2.9 +	6.1	2.89	0.48	6.08	1581.	51.	3.
2400	0000	-834	37.2814	80.6415	CCR-1	0.8	2.9 +	6.2	3.54	0.47	7.49	1533.	51.	4.
2401	0000	-833	37.2814	80.6409	CCR-1	0.8	2.7 +	5.9	3.46	0.46	7.54	1533.	50.	6.
2402	0000	-832	37.2814	80.6402	CCR-1	0.8	2.5 +	6.2	3.09	0.41	7.53	1545.	49.	7.
2403	0000	-832	37.2814	80.6396	CCR-1	0.8	2.7 +	6.3 +	3.25	0.43	7.54	1582.	49.	7.
2404	0000	-832	37.2814	80.6390	CCR-1	0.9	2.9 +	6.3 +	3.08	0.46	6.71	1661.	50.	7.
2405	0000	-833	37.2814	80.6383	CCR-1	1.0	2.7 +	6.8 +	2.58	0.40	6.49	1715.	51.	7.
2406	0000	-834	37.2814	80.6377	CCR-1	1.2	2.6 +	6.9 +	2.19	0.38	5.82	1775.	52.	6.
2407	0000	-835	37.2814	80.6370	CCR-1	1.4 +	2.8 +	6.9 +	2.06	0.41	5.08	1843.	54.	6.
2408	0000	-835	37.2814	80.6364	CCR-1	1.5 +	2.9 +	6.9 +	1.91	0.42	4.51	1899.	54.	4.
2409	0000	-835	37.2814	80.6357	CCR-1	1.7 +	2.8 +	6.3 +	1.65	0.45	3.67 -	1948.	53.	4.
2410	0000	-835	37.2814	80.6352	CCR-1	1.8 +	2.3	6.3 +	1.27 -	0.37	3.43 -	1960.	53.	4.
2411	0000	-836	37.2814	80.6345	CCR-1	1.9 +	2.1	5.9	1.12 -	0.36	3.10 -	1922.	55.	4.
2412	0000	-838	37.2814	80.6339	CCR-1	1.9 +	2.2	5.4	1.17 -	0.41	2.88 -	1868.	55.	4.
2413	0000	-840	37.2814	80.6332	CCR-1	1.8 +	2.0	5.5	1.11 -	0.36	3.06 -	1786.	55.	5.
2414	0000	-838	37.2814	80.6326	CCR-1	1.6 +	1.8	5.3	1.08 -	0.34	3.22 -	1681.	51.	5.
2415	0000	-839	37.2814	80.6319	CCR-1	1.4 +	1.6	5.2	1.15 -	0.31	3.72 -	1549.	49.	6.
2416	0000	-840	37.2814	80.6313	CCR-1	1.1	1.6	5.2	1.39 -	0.30	4.61	1399.	50.	6.
2417	0000	-839	37.2814	80.6307	CCR-1	0.9	1.4	5.0	1.55	0.29	5.35	1268.	52.	7.
2418	0000	-840	37.2814	80.6301	CCR-1	0.7	1.5	4.8	2.07	0.31	6.58	1180.	49.	7.
2419	0000	-841	37.2814	80.6294	CCR-1	0.7	1.5	4.8	2.17	0.31	7.07	1132.	47.	6.
2420	0000	-840	37.2815	80.6288	CCR-1	0.6	1.5	4.6	2.30	0.32	7.13	1114.	47.	5.
2421	0000	-842	37.2815	80.6281	CCR-1	0.7	1.5	4.5	2.23	0.34	6.46	1125.	49.	4.
2422	0000	-843	37.2815	80.6274	CCR-1	0.8	1.6	4.5	2.06	0.36	5.67	1168.	50.	3.
2423	0000	-842	37.2815	80.6268	CCR-1	0.9	1.6	4.6	1.77	0.34	5.15	1239.	48.	3.
2424	0000	-843	37.2815	80.6261	CCR-1	0.9	1.8	4.4	1.99	0.42	4.77	1273.	46.	3.
2425	0000	-844	37.2814	80.6256	CCR-1	1.0	1.9	4.6	1.97	0.41	4.78	1272.	46.	3.
2426	0000	-844	37.2814	80.6249	CCR-1	0.9	2.0	4.6	2.17	0.43	4.99	1259.	45.	2.
2427	0000	-844	37.2814	80.6243	CCR-1	0.9	2.0	4.7	2.26	0.42	5.39	1227.	44.	3.
2428	0000	-843	37.2814	80.6236	CCR-1	0.8	1.9	4.5	2.33	0.43	5.40	1189.	44.	3.
2429	0000	-844	37.2814	80.6230	CCR-1	0.8	1.9	4.4	2.28	0.42	5.49	1144.	45.	4.
2430	0000	-845	37.2814	80.6224	CCR-1	0.8	1.7	4.2	2.29	0.41	5.48	1107.	47.	4.
2431	0000	-846	37.2814	80.6217	CCR-1	0.8	1.7	4.1	2.10	0.43	4.95	1125.	47.	5.
2432	0000	-847	37.2814	80.6211	OKU	0.8	1.4	3.9	1.69	0.36	4.64 -	1125.	48.	7.
2433	0000	-847	37.2814	80.6205	OKU	0.9	1.4	3.7	1.67	0.39	4.28 -	1112.	49.	7.
2434	0000	-846	37.2815	80.6199	OKU	0.9	1.2	3.6	1.43	0.34	4.19 -	1114.	49.	9.
2435	0000	-848	37.2815	80.6192	OKU	0.8	1.1	3.5 -	1.46	0.33	4.45 -	1099.	47.	10.
2436	0000	-849	37.2815	80.6185	OKU	0.7	0.9 -	3.8	1.29 -	0.25	5.17	1080.	48.	10.
2437	0000	-848	37.2815	80.6179	OKU	0.6	1.0 -	3.8	1.57	0.26	5.93	1032.	48.	11.
2438	0000	-848	37.2815	80.6172	OKU	0.5	0.9 -	4.0	1.84	0.23	7.88	977.	49.	11.
2439	0000	-849	37.2815	80.6166	OKU	0.5	0.9 -	4.1	1.82	0.21 -	8.63	949.	48.	11.
2440	0000	-849	37.2815	80.6160	OKU	0.5	0.6 -	4.2	1.18 -	0.14 --	8.74	927.	49.	11.
2441	0000	-852	37.2815	80.6154	OKU	0.5	0.8 -	3.7	1.59	0.22	7.31	884.	50.	11.
2442	0000	-852	37.2815	80.6147	OKU	0.5	0.4 --	3.9	0.78 --	0.11 ---	7.19	850.	52.	11.
2443	0000	-852	37.2815	80.6141	OKU	0.5	0.4 --	3.2 -	0.82 --	0.13 --	6.08	830.	51.	12.
2444	0000	-853	37.2815	80.6135	OKU	0.6	0.3 --	3.2 -	0.39 ---	0.08 ---	4.97 -	859.	52.	13.
2445	0000	-854	37.2815	80.6128	OKU	0.7	0.3 --	3.3 -	0.45 ---	0.10 ---	4.56 -	882.	51.	13.
2446	0000	-853	37.2815	80.6122	OKU	0.8	0.3 --	3.4 -	0.32 ---	0.07 ---	4.29 -	898.	53.	13.
2447	0000	-854	37.2815	80.6115	OKU	0.8	0.3 --	3.4 -	0.32 ---	0.08 ---	4.17 -	909.	54.	13.
2448	0010	-855	37.2815	80.6109	OKU	0.8	0.1 N.A.	3.7	0.09 N.A.	0.02 N.A.	4.61 -	905.	53.	12.

CP9 IP 12

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-855	37.2815	80.6104	OKU	0.7	0.4 --	3.4 -	0.59 --	0.13 --	4.61 -	884.	51.	11.
2450	0000	-854	37.2815	80.6097	OKU	0.7	0.5 --	3.5 -	0.79 --	0.15 --	5.17	840.	51.	9.
2451	0000	-855	37.2814	80.6092	OKU	0.5	0.7 -	3.0 -	1.31 -	0.22	5.83	758.	51.	8.
2452	0000	-855	37.2814	80.6086	OKU	0.4	0.4 --	2.7 -	1.01 -	0.16 -	6.24	679.	52.	7.
2453	0000	-855	37.2814	80.6079	OKU	0.3 -	0.6 -	2.3 --	2.05	0.27	7.58	626.	51.	6.
2454	0000	-857	37.2813	80.6073	OKU	0.2 --	0.9 -	2.2 --	3.98 +	0.38	10.38	595.	52.	4.
2455	0000	-856	37.2813	80.6067	OKU	0.1 --	1.0 -	2.3 --	6.57 +	0.43 +	15.33 +	585.	51.	4.
2456	0000	-857	37.2813	80.6061	OKU	0.1 --	1.1	2.7 -	7.66 ++	0.40	19.33 ++	599.	55.	4.
2457	0000	-859	37.2813	80.6055	OKU	0.2 --	1.0 -	3.1 -	6.74 ++	0.34	19.93 ++	629.	54.	5.
2458	0000	-859	37.2813	80.6049	OKU	0.2 --	1.0 -	3.4 -	5.43 +	0.29	18.71 ++	691.	54.	6.
2459	0000	-859	37.2813	80.6043	OKU	0.2 -	1.0 -	3.9	4.04 +	0.25	16.28 +	747.	52.	8.
2460	0000	-860	37.2813	80.6037	OKU	0.2 -	0.9 -	4.4	3.54	0.20 -	17.73 +	791.	53.	9.
2461	0000	-859	37.2812	80.6031	OKU	0.3 -	0.8 -	4.9	2.58	0.17 -	15.48 +	848.	53.	11.
2462	0000	-859	37.2812	80.6025	OKU	0.4 -	0.7 -	5.1	1.92	0.14 --	13.87 +	885.	54.	12.
2463	0000	-859	37.2812	80.6019	OKU	0.4	0.8 -	5.1	2.07	0.16 -	12.86 +	927.	52.	12.
2464	0000	-859	37.2812	80.6014	OKU	0.4	0.9 -	5.2	2.09	0.17 -	12.04 +	956.	52.	11.
2465	0000	-861	37.2811	80.6007	OKU	0.5	0.8 -	5.3	1.81	0.16 -	11.41	954.	51.	11.
2466	0000	-862	37.2811	80.6001	OKU	0.4	0.8 -	5.2	1.91	0.16 -	11.97 +	949.	51.	10.
2467	0000	-861	37.2811	80.5996	OKU	0.4	1.0 -	4.9	2.40	0.21 -	11.38	945.	51.	10.
2468	0000	-860	37.2811	80.5989	OKU	0.4	1.0 -	4.5	2.27	0.22	10.34	944.	51.	10.
2469	0000	-861	37.2811	80.5983	OKU	0.5	1.2	4.2	2.48	0.27	9.05	966.	50.	10.
2470	0000	-863	37.2811	80.5978	OKU	0.5	1.0	4.4	1.96	0.24	8.19	1002.	49.	10.
2471	0000	-863	37.2810	80.5971	OKU	0.6	1.0	4.5	1.73	0.23	7.44	1068.	53.	10.
2472	0000	-864	37.2810	80.5965	OKU	0.6	1.2	5.0	1.82	0.23	7.80	1139.	55.	10.
2473	0000	-865	37.2810	80.5959	OKU	0.7	1.4	4.9	1.90	0.29	6.59	1224.	56.	11.
2474	0000	-865	37.2810	80.5953	OKU	0.9	1.3	5.5	1.55	0.24	6.34	1314.	56.	10.
2475	0000	-865	37.2809	80.5947	OKU	1.0	1.3	6.4	1.35 -	0.21 -	6.54	1402.	54.	9.
2476	0000	-866	37.2809	80.5941	OKU	1.0 +	1.5	7.1 +	1.44	0.21 -	6.81	1475.	56.	7.
2477	0000	-866	37.2809	80.5935	OKU	1.1 +	1.6	7.3 +	1.48	0.22	6.77	1520.	57.	6.
2478	0000	-867	37.2809	80.5930	OKU	1.0 +	1.7	7.2 +	1.63	0.24	6.94	1520.	59.	5.
2479	0000	-868	37.2809	80.5923	OKU	1.0 +	1.8	7.2 +	1.71	0.25	6.93	1520.	59.	4.
2480	0000	-868	37.2809	80.5917	OKU	1.0 +	1.8	7.6 +	1.71	0.23	7.27	1513.	58.	3.
2481	0000	-868	37.2809	80.5912	OKU	1.0 +	1.8	7.6 +	1.71	0.23	7.43	1515.	58.	4.
2482	0000	-869	37.2808	80.5905	OKU	0.9	1.8	7.3 +	1.98	0.25	7.80	1480.	58.	4.
2483	0000	-870	37.2808	80.5899	OKU	0.9	1.6	7.4 +	1.72	0.22	7.94	1451.	58.	5.
2484	0000	-872	37.2808	80.5894	OKU	0.9	1.5	7.2 +	1.73	0.21 -	8.08	1404.	58.	5.
2485	0000	-872	37.2807	80.5887	OKU	0.9	1.4	7.2 +	1.51	0.19 -	7.85	1386.	53.	6.
2486	0000	-872	37.2807	80.5881	OKU	1.0	1.2	6.9 +	1.23 -	0.17 -	7.09	1366.	54.	6.
2487	0000	-872	37.2807	80.5876	OKU	1.0	1.2	6.9 +	1.20 -	0.17 -	7.21	1358.	54.	6.
2488	0000	-873	37.2807	80.5869	OKU	0.9	1.3	6.5 +	1.48	0.21 -	7.17	1328.	52.	6.
2489	0000	-873	37.2807	80.5863	OKU	0.9	1.1	6.1	1.18 -	0.18 -	6.67	1291.	54.	7.
2490	0000	-873	37.2807	80.5858	OKU	0.9	1.2	5.6	1.37 -	0.22	6.26	1260.	54.	6.
2491	0000	-875	37.2807	80.5851	OKU	0.9	1.1	5.7	1.24 -	0.20 -	6.11	1258.	52.	6.
2492	0000	-875	37.2806	80.5845	OKU	0.9	1.2	5.7	1.34 -	0.20 -	6.61	1228.	52.	5.
2493	0000	-873	37.2806	80.5840	OKU	0.8	1.3	5.6	1.59	0.23	6.89	1201.	50.	5.
2494	0000	-875	37.2806	80.5833	OKU	0.8	1.3	5.3	1.63	0.24	6.79	1156.	51.	4.
2495	0000	-877	37.2805	80.5828	OKU	0.8	1.1	5.3	1.36 -	0.21 -	6.54	1123.	52.	4.
2496	0000	-876	37.2805	80.5822	OKU	0.8	1.2	5.2	1.54	0.24	6.53	1114.	51.	3.
2497	0000	-877	37.2805	80.5815	OKU	0.8	1.3	5.0	1.64	0.25	6.43	1096.	49.	3.
2498	0000	-878	37.2805	80.5810	OKU	0.7	1.4	4.6	1.96	0.30	6.59	1048.	51.	2.
2499	0000	-879	37.2805	80.5803	OKU	0.7	1.4	4.4	2.20	0.32	6.80	1018.	54.	2.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-879	37.2805	80.5797	OKU	0.6	1.6	4.4	2.83	0.38	7.54	1004.	55.	2.
2501	0000	-879	37.2805	80.5792	OKU	0.5	1.6	4.4	3.17	0.37	8.59	972.	57.	1.
2502	0000	-879	37.2804	80.5785	OKU	0.5	1.6	4.1	3.47	0.38	9.06	951.	60.	1.
2503	0000	-879	37.2804	80.5780	OKU	0.4	1.7	4.0	3.96	0.42	9.48	928.	60.	1.
2504	0000	-879	37.2804	80.5773	OKU	0.4 -	1.7	4.1	4.56 +	0.41	11.24	908.	63.	1.
2505	0000	-880	37.2803	80.5767	OKU	0.4	1.6	4.5	4.25 +	0.36	11.54	917.	63.	1.
2506	0000	-881	37.2803	80.5762	OKU	0.4	1.6	4.3	3.98 +	0.38	10.48	935.	64.	1.
2507	0000	-880	37.2803	80.5755	OKU	0.4	1.4	4.3	3.13	0.33	9.53	935.	65.	2.
2508	0000	-878	37.2803	80.5749	OKU	0.5	1.5	4.3	3.24	0.36	9.07	957.	65.	2.
2509	0000	-877	37.2803	80.5743	OKU	0.5	1.5	5.2	3.26	0.29	11.22	971.	66.	1.
2510	0000	-877	37.2803	80.5737	OKU	0.4	1.7	5.3	4.08 +	0.32	12.59 +	969.	68.	1.
2511	0000	-877	37.2803	80.5731	OKU	0.4	1.5	5.6	3.51	0.27	13.08 +	973.	67.	2.
2512	0000	-877	37.2802	80.5725	OKU	0.4	1.4	5.3	3.59	0.27	13.28 +	952.	68.	3.
2513	0000	-877	37.2802	80.5719	OKU	0.4	1.5	5.4	3.95	0.27	14.45 +	934.	66.	3.
2514	0000	-878	37.2802	80.5714	OKU	0.3 -	1.6	5.6	5.59 +	0.29	19.09 ++	908.	64.	2.
2515	0000	-878	37.2802	80.5707	OKU	0.3 -	1.6	5.4	5.86 +	0.29	20.12 ++	876.	61.	2.
2516	0000	-877	37.2802	80.5701	OKU	0.3 -	1.6	4.5	6.27 +	0.36	17.34 +	837.	59.	3.
2517	0000	-879	37.2802	80.5695	OKU	0.3 -	1.4	4.5	4.95 +	0.31	15.92 +	819.	57.	4.
2518	0000	-880	37.2802	80.5689	OKU	0.3 -	1.3	4.0	4.78 +	0.32	14.83 +	794.	58.	4.
2519	0000	-880	37.2801	80.5684	OKU	0.3 -	1.3	4.2	4.43 +	0.30	14.55 +	788.	56.	4.
2520	0000	-880	37.2801	80.5677	OKU	0.3 -	1.0 -	4.0	3.45	0.26	13.33 +	780.	57.	6.
2521	0000	-880	37.2801	80.5671	OKU	0.4	0.8 -	3.9	2.11	0.22 -	9.76	790.	59.	7.
2522	0000	-880	37.2801	80.5666	OKU	0.4	0.7 -	4.2	1.79	0.18 -	10.19	811.	59.	7.
2523	0000	-881	37.2800	80.5659	OKU	0.4	0.6 -	4.1	1.44	0.15 --	9.40	828.	59.	8.
2524	0000	-881	37.2800	80.5653	OKU	0.5	0.7 -	4.4	1.58	0.16 -	9.69	839.	61.	8.
2525	0000	-881	37.2800	80.5647	OKU	0.5	1.0 -	4.5	1.97	0.22	9.01	879.	60.	8.
2526	0000	-881	37.2800	80.5641	OKU	0.6	0.8 -	4.6	1.48	0.18 -	8.26	901.	60.	8.
2527	0000	-882	37.2800	80.5635	OKU	0.6	0.8 -	4.5	1.40	0.19 -	7.44	916.	59.	8.
2528	0000	-882	37.2800	80.5629	OKU	0.6	1.0 -	4.3	1.65	0.22	7.49	913.	57.	8.
2529	0000	-883	37.2799	80.5623	OKU	0.6	0.9 -	4.3	1.52	0.21 -	7.41	888.	58.	9.
2530	0000	-884	37.2799	80.5618	OKU	0.5	1.0 -	4.3	1.93	0.24	8.18	869.	59.	9.
2531	0000	-885	37.2799	80.5611	OKU	0.5	0.9 -	4.0	1.77	0.23	7.85	867.	58.	9.
2532	0000	-884	37.2799	80.5605	OKU	0.5	0.7 -	4.0	1.35 -	0.18 -	7.58	845.	59.	10.
2533	0000	-885	37.2798	80.5600	OKU	0.6	0.8 -	3.9	1.37 -	0.19 -	7.14	870.	59.	10.
2534	0000	-885	37.2798	80.5593	OKU	0.6	0.8 -	4.3	1.33 -	0.18 -	7.38	907.	58.	10.
2535	0000	-884	37.2798	80.5587	OKU	0.6	0.7 -	4.4	1.15 -	0.17 -	6.84	939.	58.	9.
2536	0000	-884	37.2798	80.5582	OKU	0.7	0.8 -	4.0	1.13 -	0.19 -	5.89	972.	57.	9.
2537	0000	-886	37.2798	80.5575	OKU	0.8	0.9 -	3.9	1.22 -	0.24	5.11	1011.	56.	8.
2538	0000	-885	37.2798	80.5569	OKU	0.8	1.1	4.0	1.35 -	0.26	5.10	1032.	54.	6.
2539	0000	-885	37.2798	80.5564	OKU	0.8	1.2	3.9	1.52	0.30	5.09	1053.	52.	5.
2540	0000	-887	37.2797	80.5557	OKU	0.7	1.5	3.6	2.15	0.42	5.15	1020.	51.	4.
2541	0000	-887	37.2797	80.5552	OKU	0.6	1.7	3.1 -	2.81	0.55 +	5.08	975.	54.	2.
2542	0000	-887	37.2797	80.5546	OKU	0.5	1.8	3.3 -	3.51	0.55 +	6.39	943.	56.	2.
2543	0000	-887	37.2796	80.5539	OKU	0.4	2.1 +	3.3 -	4.68 +	0.63 ++	7.48	925.	55.	1.
2544	0000	-888	37.2796	80.5534	OKU	0.4	2.0	3.8	5.14 +	0.52 +	9.80	906.	55.	0.
2545	0000	-887	37.2796	80.5528	OKU	0.3 -	2.2 +	3.6	7.03 ++	0.60 ++	11.74	891.	57.	0.
2546	0000	-886	37.2796	80.5521	OKU	0.3 -	2.2 +	3.9	8.36 ++	0.57 +	14.62 +	872.	57.	0.
2547	0000	-888	37.2796	80.5515	OKU	0.2 --	2.1 +	3.8	10.07 ++	0.55 +	18.31 ++	860.	58.	1.
2548	0000	-890	37.2796	80.5509	OKU	0.2 --	2.1 +	4.0	11.22 ++	0.53 +	21.13 ++	852.	57.	2.
2549	0000	-891	37.2796	80.5503	OKU	0.2 --	2.1 +	3.6	10.57 ++	0.59 +	17.92 +	861.	56.	3.
2550	0000	-890	37.2795	80.5497	OKU	0.3 -	1.8	3.9	5.87 ++	0.45 +	15.25 +	879.	57.	4.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-891	37.2795	80.5491	OKU	0.3 -	1.7	3.8	6.45 +	0.45 +	14.36 +	897.	55.	5.
2552	0000	-892	37.2795	80.5485	OKU	0.3 -	1.3	4.1	4.20 +	0.33	13.30 +	899.	53.	7.
2553	0000	-892	37.2794	80.5480	OKU	0.3 -	1.3	4.1	4.25 +	0.33	13.09 +	888.	57.	7.
2554	0000	-893	37.2794	80.5473	OKU	0.3 -	1.3	4.3	3.93	0.30	13.11 +	882.	56.	7.
2555	0000	-894	37.2794	80.5467	OKU	0.3 -	1.2	4.3	3.83	0.29	13.26 +	875.	55.	6.
2556	0000	-892	37.2794	80.5462	OKU	0.3 -	1.3	4.4	4.83 +	0.30	16.09 +	853.	57.	5.
2557	0000	-890	37.2794	80.5455	OKU	0.2 --	1.6	4.3	7.58 ++	0.37	20.58 ++	834.	58.	4.
2558	0000	-891	37.2794	80.5449	OKU	0.2 --	1.6	4.4	7.32 ++	0.36	20.29 ++	822.	60.	4.
2559	0000	-893	37.2794	80.5444	OKU	0.2 --	1.8	4.5	9.64 ++	0.40	24.34 ++	844.	60.	3.
2560	0000	-894	37.2793	80.5437	OKU	0.2 --	1.9	4.3	9.49 ++	0.44 +	21.59 ++	870.	59.	4.
2561	0000	-894	37.2793	80.5432	OKU	0.2 -	1.9	4.2	7.72 ++	0.46 +	16.69 +	912.	58.	5.
2562	0000	-893	37.2793	80.5425	OKU	0.3 -	1.9	4.4	7.68 ++	0.44 +	17.29 +	958.	60.	7.
2563	0000	-892	37.2792	80.5419	OKU	0.3 -	1.8	4.7	6.10 +	0.38	15.93 +	1014.	55.	9.
2564	0000	-892	37.2792	80.5414	OKU	0.3 -	1.5	4.8	4.46 +	0.32	13.88 +	1054.	56.	12.
2565	0000	-893	37.2792	80.5407	OKU	0.3 -	1.5	5.0	4.35 +	0.30	14.39 +	1091.	54.	13.
2566	0000	-893	37.2792	80.5401	OKU	0.4	1.5	5.1	3.80	0.30	12.76 +	1119.	54.	13.
2567	0000	-892	37.2792	80.5395	OKU	0.4	1.5	5.4	3.76	0.28	13.59 +	1149.	53.	13.
2568	0000	-893	37.2792	80.5389	OKU	0.3 -	1.6	5.8	4.72 +	0.28	16.79 +	1159.	54.	11.
2569	0000	-894	37.2792	80.5383	OKU	0.3 -	1.7	5.8	5.12 +	0.30	17.32 +	1146.	53.	10.
2570	0000	-896	37.2791	80.5377	OKU	0.4 -	1.7	5.7	4.91 +	0.31	16.07 +	1143.	55.	7.
2571	0000	-897	37.2791	80.5372	OKU	0.3 -	2.0	5.8	6.02 +	0.35	17.05 +	1145.	55.	5.
2572	0000	-897	37.2791	80.5365	OKU	0.3 -	2.3 +	5.5	7.02 ++	0.42	16.53 +	1146.	55.	3.
2573	0000	-897	37.2791	80.5359	OKU	0.3 -	2.6 ++	5.2	8.31 ++	0.49 +	17.08 +	1141.	54.	2.
2574	0000	-898	37.2791	80.5353	OKU	0.3 -	2.6 ++	5.3	7.65 ++	0.49 +	15.68 +	1140.	54.	1.
2575	0000	-897	37.2791	80.5347	OKU	0.4 -	2.5 +	5.7	6.91 ++	0.44 +	15.72 +	1159.	53.	0.
2576	0000	-898	37.2791	80.5341	OKU	0.4 -	2.5 +	5.6	6.74 ++	0.44 +	15.26 +	1177.	52.	0.
2577	0000	-897	37.2790	80.5335	OKU	0.4	2.4 +	5.3	6.36 +	0.46 +	13.93 +	1159.	53.	1.
2578	0000	-895	37.2790	80.5329	OKU	0.4	2.3 +	5.3	5.97 +	0.44 +	13.66 +	1142.	50.	1.
2579	0000	-897	37.2790	80.5323	OKU	0.4	2.1 +	5.5	5.30 +	0.38	13.92 +	1131.	50.	1.
2580	0000	-898	37.2789	80.5317	OKU	0.4	2.0	5.4	5.26 +	0.38	13.99 +	1119.	51.	1.
2581	0000	-898	37.2789	80.5311	OKU	0.4 -	2.2 +	5.3	6.10 +	0.42	14.69 +	1126.	52.	2.
2582	0000	-900	37.2789	80.5306	OKU	0.3 -	2.4 +	4.6	6.83 ++	0.51 +	13.28 +	1127.	54.	2.
2583	0000	-901	37.2789	80.5299	OKU	0.4 -	2.4 +	4.6	6.71 +	0.53 +	12.70 +	1131.	55.	3.
2584	0000	-900	37.2789	80.5293	OKU	0.3 -	2.7 ++	5.0	8.41 ++	0.54 +	15.56 +	1153.	52.	2.
2585	0000	-900	37.2789	80.5288	OKU	0.3 -	2.9 ++	5.0	9.51 ++	0.58 +	16.52 +	1177.	53.	3.
2586	0000	-901	37.2789	80.5281	OKU	0.3 -	2.8 ++	5.1	9.59 ++	0.56 +	17.22 +	1168.	52.	3.
2587	0000	-902	37.2788	80.5275	OKU	0.3 -	2.8 ++	5.1	10.15 ++	0.54 +	18.84 ++	1159.	51.	4.
2588	0000	-901	37.2788	80.5270	OKU	0.3 -	2.4 +	5.2	9.18 ++	0.47 +	19.33 ++	1124.	51.	4.
2589	0000	-899	37.2788	80.5263	OKU	0.3 -	2.3 +	5.4	8.77 ++	0.43 +	20.17 ++	1085.	49.	3.
2590	0000	-899	37.2788	80.5257	OKU	0.3 -	2.2 +	5.2	8.44 ++	0.43 +	19.63 ++	1053.	46.	3.
2591	0000	-899	37.2787	80.5252	OKU	0.3 -	2.1 +	5.1	7.66 ++	0.41	18.70 ++	1031.	46.	3.
2592	0000	-901	37.2787	80.5245	OKU	0.3 -	2.0	5.0	7.00 ++	0.39	18.04 +	1012.	49.	3.
2593	0000	-902	37.2787	80.5239	OKU	0.3 -	2.1 +	4.7	7.83 ++	0.44 +	17.76 +	998.	49.	3.
2594	0000	-900	37.2787	80.5233	OKU	0.3 -	2.1 +	4.6	6.91 ++	0.45 +	15.23 +	1002.	50.	3.
2595	0000	-901	37.2787	80.5227	OKU	0.3 -	1.9	4.5	6.12 +	0.43 +	14.29 +	998.	50.	5.
2596	0000	-904	37.2787	80.5222	OKU	0.3 -	1.8	4.6	5.54 +	0.40	13.95 +	980.	50.	5.
2597	0000	-902	37.2787	80.5215	OKU	0.3 -	1.6	4.6	4.81 +	0.35	13.86 +	961.	50.	7.
2598	0000	-900	37.2786	80.5209	OKU	0.3 -	1.5	4.5	4.98 +	0.34	14.58 +	939.	50.	9.
2599	0000	-901	37.2787	80.5202	OKU	0.3 -	1.2	4.2	4.15 +	0.29	14.28 +	906.	49.	11.
2600	0000	-902	37.2786	80.5197	OKU	0.3 -	1.0 -	4.0	3.84	0.24	13.45 +	869.	50.	13.
2601	0000	-903	37.2787	80.5190	OKU	0.3 -	0.6 -	3.8	2.89	0.15 -	14.74 +	805.	51.	15.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294 —

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-903	37.2788	80.5184	OKU	0.2 -	0.6 -	3.6	2.78	0.17 -	15.82 +	755.	51.	16.
2603	0000	-904	37.2789	80.5179	OKU	0.2 --	0.5 --	3.1 -	2.24	0.15 -	15.01 +	727.	52.	17.
2604	0010	-904	37.2789	80.5172	OKU	0.2 --	0.4 N.A.	3.1 -	1.95 N.A.	0.11 N.A.	17.09 +	697.	53.	18.
2605	0010	-904	37.2789	80.5166	OKU	0.2 --	0.3 N.A.	2.8 -	1.55 N.A.	0.10 N.A.	16.03 +	659.	54.	17.
2606	0000	-903	37.2790	80.5161	OKU	0.1 --	0.5 --	2.7 -	3.20	0.17 -	18.51 ++	641.	52.	15.
2607	0000	-903	37.2790	80.5154	OKU	0.1 ---	0.7 -	2.6 --	5.17 +	0.26	19.85 ++	638.	52.	13.
2608	0000	-905	37.2791	80.5148	OKU	0.1 --	0.8 -	2.7 -	5.80 +	0.31	18.48 ++	657.	50.	11.
2609	0000	-906	37.2791	80.5141	OKU	0.2 --	1.1	2.6 --	6.74 ++	0.43 +	15.51 +	689.	49.	9.
2610	0000	-905	37.2791	80.5135	OKU	0.2 --	1.2	2.9 -	6.83 ++	0.41	16.67 +	705.	49.	7.
2611	0000	-906	37.2792	80.5129	OKU	0.2 --	1.2	3.0 -	5.92 +	0.41	14.37 +	712.	49.	5.
2612	0000	-905	37.2792	80.5123	OKU	0.2 --	1.2	2.8 -	5.79 +	0.44 +	13.01 +	715.	48.	4.
2613	0000	-905	37.2792	80.5117	OKU	0.2 --	1.3	2.7 -	6.44 +	0.50 +	13.00 +	708.	48.	2.
2614	0000	-906	37.2793	80.5111	OKU	0.2 -	1.2	2.8 -	4.95 +	0.42	11.81	693.	48.	3.
2615	0000	-905	37.2794	80.5105	OKU	0.3 -	1.0 -	2.8 -	3.81	0.36	10.66	668.	50.	3.
2616	0000	-905	37.2793	80.5099	OKU	0.2 -	0.8 -	2.8 -	3.28	0.29	11.39	630.	50.	3.
2617	0000	-907	37.2794	80.5093	OKU	0.2 -	1.0 -	2.7 -	4.27 +	0.36	11.92 +	609.	51.	3.
2618	0000	-906	37.2795	80.5086	OKU	0.2 --	1.2	2.5 --	5.74 +	0.47 +	12.24 +	602.	51.	3.
2619	0000	-905	37.2795	80.5081	OKU	0.2 -	1.2	2.6 --	5.29 +	0.46 +	11.53	599.	52.	2.
2620	0000	-906	37.2795	80.5074	OKU	0.3 -	1.1	2.8 -	4.11 +	0.41	10.14	612.	53.	2.
2621	0000	-907	37.2795	80.5068	OKU	0.3 -	1.1	2.9 -	3.77	0.39	9.62	641.	54.	1.
2622	0000	-906	37.2796	80.5061	OKU	0.3 -	1.2	3.2 -	3.78	0.39	9.68	690.	54.	1.
2623	0000	-906	37.2796	80.5056	OKU	0.4 -	1.2	3.5 -	3.51	0.35	9.96	752.	54.	0.
2624	0000	-907	37.2797	80.5050	OKU	0.4	1.2	3.8	2.68	0.30	8.87	815.	55.	0.
2625	0000	-908	37.2797	80.5043	OKU	0.5	1.2	4.0	2.51	0.30	8.43	875.	56.	0.
2626	0000	-906	37.2798	80.5037	OKU	0.5	1.2	4.2	2.51	0.29	8.72	923.	57.	1.
2627	0000	-906	37.2798	80.5031	OKU	0.5	1.0	4.7	2.04	0.22	9.12	954.	59.	1.
2628	0000	-908	37.2798	80.5025	OKU	0.5	1.1	5.0	2.27	0.22	10.41	978.	58.	2.
2629	0000	-906	37.2799	80.5018	OKU	0.4	1.2	5.0	2.68	0.23	11.46	966.	59.	3.
2630	0000	-904	37.2799	80.5013	OKU	0.4	1.2	4.9	2.73	0.24	11.42	949.	60.	5.
2631	0000	-906	37.2799	80.5006	OKU	0.4	1.1	4.7	2.79	0.25	11.37	927.	60.	6.
2632	0000	-907	37.2800	80.5000	OKU	0.4	1.0 -	5.2	2.58	0.20 -	12.98 +	929.	60.	6.
2633	0000	-908	37.2800	80.4994	OKU	0.5	1.0 -	5.4	2.21	0.19 -	11.80	961.	58.	7.
2634	0000	-908	37.2801	80.4988	OKU	0.4	1.1	4.8	2.56	0.24	10.67	963.	58.	7.
2635	0000	-907	37.2801	80.4982	OKU	0.5	1.1	4.7	2.43	0.24	9.95	969.	57.	6.
2636	0000	-909	37.2801	80.4975	OKU	0.5	1.1	4.6	2.21	0.23	9.53	972.	56.	6.
2637	0000	-909	37.2802	80.4970	OKU	0.5	1.1	4.4	2.33	0.26	9.02	978.	56.	4.
2638	0000	-909	37.2802	80.4963	OKU	0.5	1.3	4.6	2.78	0.29	9.49	975.	55.	3.
2639	0000	-910	37.2802	80.4957	OKU	0.5	1.5	4.0	3.06	0.36	8.46	943.	56.	2.
2640	0000	-910	37.2803	80.4951	OKU	0.4	1.6	3.9	3.80	0.41	9.24	919.	57.	2.
2641	0000	-909	37.2804	80.4945	OKU	0.4	1.5	4.4	3.28	0.34	9.72	925.	58.	1.
2642	0000	-909	37.2804	80.4939	OKU	0.5	1.6	4.5	3.48	0.36	9.75	949.	58.	0.
2643	0000	-907	37.2804	80.4933	OKU	0.5	1.7	4.6	3.28	0.36	9.41	991.	58.	1.
2644	0000	-908	37.2805	80.4927	OKU	0.5	1.8	4.8	3.47	0.37	9.26	1009.	56.	1.
2645	0000	-910	37.2805	80.4921	OKU	0.6	1.7	4.6	2.99	0.36	8.21	1027.	58.	1.
2646	0000	-908	37.2805	80.4914	OKU	0.6	1.6	5.1	2.70	0.32	8.55	1050.	56.	0.
2647	0000	-906	37.2806	80.4909	OKU	0.6	1.3	5.1	2.18	0.26	8.29	1021.	59.	0.
2648	0000	-908	37.2806	80.4902	OKU	0.6	1.5	4.6	2.60	0.32	8.03	991.	55.	1.
2649	0000	-909	37.2806	80.4895	OKU	0.6	1.3	4.2	2.27	0.31	7.24	939.	56.	1.
2650	0000	-908	37.2807	80.4890	OKU	0.6	1.2	3.8	2.13	0.31	6.79	864.	57.	1.
2651	0000	-907	37.2807	80.4883	OKU	0.5	1.0 -	3.6	1.92	0.29	6.70	820.	59.	1.
2652	0000	-907	37.2808	80.4877	OKU	0.5	0.9 -	3.6	1.99	0.25	7.56	781.	58.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294 PAGE 611

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-907	37.2808	80.4871	OKU	0.4	0.9 -	3.3 *	2.10	0.26	7.95	753.	55.	2.
2654	0000	-906	37.2809	80.4865	OKU	0.4	0.9 -	3.5 -	2.35	0.27	8.71	745.	54.	3.
2655	0000	-906	37.2809	80.4859	OKU	0.4	0.9 -	3.5	2.40	0.25	9.48	733.	55.	3.
2656	0000	-906	37.2810	80.4853	OKU	0.3 -	0.8 -	3.6	2.31	0.22 -	10.71	715.	55.	5.
2657	0000	-906	37.2810	80.4847	OKU	0.3 -	0.8 -	3.7	2.58	0.21 -	12.03 +	722.	54.	6.
2658	0000	-906	37.2810	80.4841	OKU	0.3 -	0.7 -	3.7	2.64	0.19 -	13.82 +	709.	54.	7.
2659	0000	-907	37.2811	80.4834	OKU	0.3 -	0.6 -	3.7	2.48	0.17 -	14.84 +	689.	54.	7.
2660	0000	-907	37.2811	80.4829	OKU	0.2 -	0.6 -	3.3 -	2.26	0.17 -	13.42 +	662.	57.	8.
2661	0000	-907	37.2811	80.4822	OKU	0.2 --	0.6 -	2.9 -	2.71	0.20 -	13.36 +	644.	55.	9.
2662	0000	-908	37.2812	80.4816	OKU	0.2 --	0.6 -	2.8 -	3.10	0.22	14.11 +	640.	54.	9.
2663	0000	-908	37.2812	80.4810	OKU	0.2 --	0.7 -	2.7 -	4.12 +	0.26	15.72 +	645.	54.	8.
2664	0000	-908	37.2812	80.4803	OKU	0.2 --	0.8 -	2.7 -	4.41 +	0.29	15.26 +	661.	55.	8.
2665	0000	-908	37.2813	80.4798	OKU	0.2 -	1.0 -	2.7 -	3.95	0.36	11.03	706.	56.	9.
2666	0000	-908	37.2813	80.4791	OKU	0.3 -	1.1	2.8 -	3.27	0.39	8.35	785.	56.	9.
2667	0000	-908	37.2814	80.4785	OKU	0.4	1.4	3.0 -	3.46	0.46 +	7.56	866.	57.	10.
2668	0000	-908	37.2814	80.4779	OKU	0.5	1.4	3.3 -	3.17	0.44 +	7.17	955.	58.	11.
2669	0000	-908	37.2814	80.4773	OKU	0.5	1.5	3.8	3.04	0.39	7.76	1022.	58.	11.
2670	0000	-909	37.2815	80.4767	OKU	0.5	1.7	4.1	3.33	0.41	8.14	1073.	58.	12.
2671	0000	-909	37.2816	80.4761	OKU	0.5	1.6	4.2	2.98	0.39	7.69	1106.	57.	13.
2672	0000	-909	37.2815	80.4754	OKU	0.6	1.5	4.6	2.63	0.32	8.19	1122.	55.	13.
2673	0000	-909	37.2816	80.4748	OKU	0.5	1.3	4.9	2.40	0.27	8.96	1118.	56.	13.
2674	0000	-906	37.2817	80.4742	OKU	0.6	1.1	5.3	1.88	0.21 -	8.96	1142.	53.	12.
2675	0000	-908	37.2816	80.4736	OKU	0.6	1.0 -	5.7	1.62	0.18 -	9.03	1153.	52.	11.
2676	0000	-909	37.2817	80.4730	OKU	0.7	1.0 -	5.6	1.44	0.18 -	8.02	1169.	53.	11.
2677	0000	-906	37.2818	80.4724	OKU	0.7	0.9 -	5.7	1.15 -	0.15 --	7.58	1195.	53.	11.
2678	0000	-905	37.2818	80.4718	OKU	0.8	0.8 -	5.9	1.11 -	0.14 --	7.70	1214.	53.	10.
2679	0000	-906	37.2818	80.4711	OKU	0.8	0.8 -	6.1	1.04 -	0.14 --	7.64	1243.	54.	10.
2680	0000	-904	37.2819	80.4706	OKU	0.8	0.9 -	6.1	1.04 -	0.14 --	7.40	1273.	53.	11.
2681	0000	-905	37.2819	80.4699	OKU	0.8	1.0 -	6.2	1.19 -	0.16 -	7.35	1294.	52.	12.
2682	0000	-906	37.2820	80.4693	OKU	0.9	1.0 -	5.9	1.12 -	0.17 -	6.74	1292.	53.	12.
2683	0000	-905	37.2820	80.4687	OKU	0.9	1.0 -	6.0	1.12 -	0.17 -	6.73	1312.	52.	12.
2684	0000	-906	37.2820	80.4681	OKU	0.9	1.2	6.5 +	1.36 -	0.18 -	7.35	1351.	51.	11.
2685	0000	-907	37.2821	80.4675	OKU	0.9	1.4	6.7 +	1.59	0.22 -	7.39	1399.	50.	10.
2686	0000	-906	37.2821	80.4668	OKU	0.9	1.6	6.8 +	1.84	0.24	7.62	1432.	50.	9.
2687	0000	-906	37.2821	80.4663	OKU	0.9	1.8	6.8 +	2.09	0.27	7.71	1445.	52.	7.
2688	0000	-906	37.2822	80.4656	OKU	0.8	2.1 +	6.7 +	2.56	0.31	8.24	1432.	54.	5.
2689	0000	-906	37.2822	80.4650	OKU	0.8	2.2 +	7.3 +	2.94	0.31	9.62	1454.	53.	3.
2690	0000	-906	37.2822	80.4644	OKU	0.8	2.4 +	7.4 +	3.13	0.33	9.62	1463.	53.	2.
2691	0000	-905	37.2823	80.4638	OKU	0.8	2.3 +	7.3 +	2.86	0.31	9.14	1461.	53.	2.
2692	0000	-905	37.2823	80.4631	OKU	0.8	2.2 +	7.4 +	2.89	0.30	9.68	1444.	52.	1.
2693	0000	-906	37.2824	80.4626	OKU	0.8	2.1 +	7.4 +	2.74	0.29	9.52	1431.	53.	0.
2694	0000	-904	37.2824	80.4619	OKU	0.8	2.2 +	7.3 +	2.84	0.30	9.38	1427.	51.	0.
2695	0000	-903	37.2824	80.4613	OKU	0.8	2.2 +	7.4 +	2.68	0.29	9.18	1428.	52.	0.
2696	0000	-905	37.2825	80.4607	OKU	0.8	2.4 +	7.2 +	3.03	0.33	9.08	1431.	51.	0.
2697	0000	-905	37.2825	80.4601	OKU	0.7	2.5 +	7.3 +	3.36	0.34	9.84	1440.	52.	0.
2698	0000	-905	37.2825	80.4595	OKU	0.8	2.4 +	7.3 +	3.07	0.33	9.30	1451.	52.	0.
2699	0000	-906	37.2826	80.4588	OKU	0.8	2.4 +	7.3 +	2.89	0.32	8.97	1463.	54.	0.
2700	0000	-905	37.2827	80.4583	OKU	0.9	2.5 +	7.5 +	2.86	0.33	8.78	1497.	53.	0.
2701	0000	-904	37.2827	80.4576	OKU	0.9	2.6 ++	7.6 +	2.94	0.34	8.74	1524.	55.	0.
2702	0000	-904	37.2827	80.4570	OKU	0.9	2.5 +	7.6 +	2.69	0.32	8.29	1546.	54.	0.
2703	0000	-903	37.2828	80.4564	OKU	0.9	2.4 +	7.9 +	2.53	0.30	8.46	1549.	56.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*	
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-903	37.2828	80.4558 OKU	0.9	2.2 +	8.2 +	2.35	0.26	8.90	1537.	55.	0.
2705	0000	-903	37.2828	80.4552 OKU	0.9	2.1 +	7.9 +	2.41	0.26	9.18	1503.	57.	1.
2706	0000	-903	37.2829	80.4546 OKU	0.8	2.1 +	7.7 +	2.49	0.27	9.21	1488.	56.	1.
2707	0000	-904	37.2829	80.4540 OKU	0.8	2.1 +	7.4 +	2.63	0.28	9.36	1460.	56.	2.
2708	0000	-903	37.2830	80.4534 OKU	0.7	1.9	7.7 +	2.52	0.24	10.37	1451.	56.	3.
2709	0000	-901	37.2830	80.4527 OKU	0.7	2.0	7.8 +	2.80	0.25	11.07	1450.	55.	3.
2710	0000	-901	37.2831	80.4522 OKU	0.7	1.9	7.5 +	2.55	0.25	10.11	1455.	55.	4.
2711	0000	-901	37.2831	80.4515 OKU	0.8	1.9	7.5 +	2.34	0.25	9.38	1464.	54.	4.
2712	0000	-900	37.2831	80.4509 OKU	0.8	1.9	7.8 +	2.25	0.24	9.20	1501.	55.	4.
2713	0000	-900	37.2832	80.4502 OKU	0.9	2.1 +	7.8 +	2.45	0.27	9.15	1537.	53.	4.
2714	0000	-901	37.2832	80.4497 OKU	0.9	2.2 +	8.3 +	2.52	0.27	9.47	1582.	54.	4.
2715	0000	-902	37.2833	80.4491 OKU	0.9	2.3 +	8.5 +	2.56	0.27	9.50	1608.	54.	3.
2716	0000	-902	37.2833	80.4484 OKU	1.0	2.0	8.5 +	2.09	0.24	8.85	1627.	54.	3.
2717	0000	-902	37.2833	80.4479 OKU	1.0	2.1 +	8.7 ++	2.15	0.24	8.84	1652.	56.	3.
2718	0000	-902	37.2834	80.4472 OKU	1.0	2.2 +	8.8 ++	2.23	0.26	8.68	1681.	59.	3.
2719	0000	-901	37.2834	80.4466 OKU	1.0	2.4 +	8.8 ++	2.36	0.27	8.71	1684.	59.	2.
2720	0000	-900	37.2834	80.4459 OKU	1.0 +	2.3 +	9.1 ++	2.20	0.25	8.71	1667.	62.	1.
2721	0000	-900	37.2835	80.4454 OKU	1.0 +	2.2 +	8.7 ++	2.11	0.25	8.39	1627.	61.	2.
2722	0000	-901	37.2835	80.4447 OKU	1.0	2.2 +	8.3 +	2.17	0.27	8.15	1584.	59.	2.
2723	0000	-900	37.2835	80.4441 OKU	0.9	2.2 +	7.7 +	2.47	0.29	8.49	1513.	60.	2.
2724	0000	-900	37.2836	80.4434 OKU	0.8	2.0	7.4 +	2.44	0.28	8.82	1421.	59.	2.
2725	0000	-899	37.2836	80.4428 OKU	0.8	1.9	6.8 +	2.51	0.28	9.03	1331.	57.	2.
2726	0000	-899	37.2836	80.4422 OKU	0.7	1.9	6.2	2.93	0.31	9.46	1250.	56.	2.
2727	0000	-899	37.2836	80.4415 OKU	0.6	1.8	5.8	3.06	0.32	9.65	1193.	56.	2.
2728	0000	-899	37.2836	80.4409 OKU	0.5	1.8	6.0	3.41	0.30	11.31	1165.	59.	2.
2729	0000	-898	37.2836	80.4402 OKU	0.5	1.9	5.8	3.79	0.32	11.75	1158.	63.	2.
2730	0000	-897	37.2836	80.4395 OKU	0.5	2.0	6.8 +	4.07 +	0.30	13.72 +	1208.	60.	1.
2731	0000	-898	37.2836	80.4389 OKU	0.5	2.2 +	7.3 +	4.52 +	0.29	15.36 +	1263.	59.	1.
2732	0000	-900	37.2836	80.4383 OKU	0.5	2.2 +	7.8 +	4.86 +	0.29	16.99 +	1331.	59.	2.
2733	0000	-898	37.2836	80.4376 OKU	0.5	2.3 +	8.3 +	4.63 +	0.28	16.80 +	1398.	58.	3.
2734	0000	-896	37.2836	80.4370 OKU	0.5	2.3 +	9.0 ++	4.85 +	0.26	18.89 ++	1457.	59.	4.
2735	0000	-897	37.2836	80.4363 OKU	0.5	2.3 +	9.1 ++	4.56 +	0.25	18.21 +	1491.	58.	6.
2736	0000	-897	37.2836	80.4357 OKU	0.6	2.3 +	9.4 ++	4.13 +	0.24	17.00 +	1523.	55.	7.
2737	0000	-897	37.2836	80.4350 OKU	0.6	2.3 +	9.1 ++	3.96	0.25	15.95 +	1545.	60.	9.
2738	0000	-896	37.2835	80.4343 OKU	0.6	2.3 +	9.5 ++	4.06 +	0.25	16.48 +	1599.	59.	9.
2739	0000	-896	37.2835	80.4336 OKU	0.6	2.6 ++	9.6 ++	4.32 +	0.27	15.75 +	1634.	59.	8.
2740	0000	-898	37.2836	80.4330 OKU	0.6	2.8 ++	10.0 ++	4.71 +	0.28	17.05 +	1667.	60.	6.
2741	0000	-898	37.2836	80.4324 OKU	0.6	2.6 ++	9.8 ++	4.49 +	0.27	16.57 +	1645.	57.	6.
2742	0000	-896	37.2835	80.4317 OKU	0.6	2.7 ++	9.3 ++	4.59 +	0.29	16.03 +	1599.	54.	4.
2743	0000	-894	37.2836	80.4311 OKU	0.5	2.4 +	8.7 ++	4.58 +	0.28	16.48 +	1507.	55.	4.
2744	0000	-894	37.2836	80.4304 OKU	0.5	2.3 +	7.8 +	4.70 +	0.29	15.96 +	1390.	52.	3.
2745	0000	-894	37.2836	80.4298 OKU	0.5	2.0	6.6 +	4.05 +	0.30	13.38 +	1245.	52.	4.
2746	0000	-894	37.2836	80.4291 OKU	0.4	1.7	5.4	4.43 +	0.32	13.98 +	1088.	51.	4.
2747	0000	-893	37.2836	80.4285 OKU	0.4 -	1.3	4.4	3.57	0.30	12.08 +	929.	52.	5.
2748	0000	-893	37.2836	80.4279 OKU	0.3 -	1.2	3.9	3.61	0.32	11.19	828.	54.	5.
2749	0000	-893	37.2836	80.4272 OKU	0.3 -	1.1	3.6	3.18	0.29	10.81	765.	52.	6.
2750	0000	-892	37.2836	80.4265 OKU	0.3 -	1.0 -	3.5 -	2.85	0.27	10.45	732.	51.	7.
2751	0000	-892	37.2837	80.4259 OKU	0.4 -	0.8 -	3.4 -	2.25	0.24	9.41	708.	54.	7.
2752	0000	-892	37.2837	80.4252 OKU	0.3 -	0.7 -	3.4 -	2.21	0.20 -	10.77	697.	54.	8.
2753	0010	-891	37.2837	80.4245 OKU	0.4	0.3 N.A.	3.5	0.86 N.A.	0.09 N.A.	9.51	690.	56.	9.
2754	0010	-890	37.2837	80.4239 OKU	0.4 -	0.3 N.A.	3.3 -	0.88 N.A.	0.10 N.A.	9.19	687.	56.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

* TAGS * ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES * POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0010	-890	37.2837	80.4233	OKU	0.3 -	0.2 N.A.	3.1 -	0.66 N.A.	0.07 N.A.	8.87	681.	54.	10.
2756	0010	-889	37.2836	80.4226	OKU	0.3 -	0.2 N.A.	2.8 -	0.72 N.A.	0.08 N.A.	8.66	686.	55.	11.
2757	0010	-889	37.2836	80.4219	OKU	0.3 -	0.4 N.A.	2.8 -	1.21 N.A.	0.12 N.A.	9.72	694.	54.	11.
2758	0010	-889	37.2836	80.4213	OKU	0.3 -	0.4 N.A.	3.0 -	1.42 N.A.	0.12 N.A.	11.41	695.	52.	11.
2759	0000	-889	37.2836	80.4206	OKU	0.3 -	0.5 --	2.9 -	1.61	0.16 -	10.27	685.	52.	10.
2760	0000	-888	37.2837	80.4200	OKU	0.3 -	0.6 -	2.9 -	2.22	0.20 -	11.08	697.	49.	9.
2761	0000	-887	37.2837	80.4193	OKU	0.3 -	0.6 -	2.8 -	2.25	0.22	10.12	704.	49.	8.
2762	0000	-888	37.2837	80.4187	OKU	0.3 -	0.8 -	2.6 -	2.65	0.29	9.00	723.	51.	8.
2763	0000	-888	37.2837	80.4181	OKU	0.3 -	0.9 -	3.0 -	3.08	0.32	9.71	740.	52.	7.
2764	0000	-888	37.2837	80.4174	OKU	0.3 -	0.9 -	2.9 -	2.97	0.32	9.15	755.	53.	6.
2765	0000	-886	37.2837	80.4168	DCH	0.3 -	1.1 -	2.8 -	3.16	0.39 +	8.19	777.	54.	5.
2766	0000	-884	37.2837	80.4161	DCH	0.4 -	1.3 -	3.2 -	3.47 +	0.39 +	8.81	815.	53.	5.
2767	0000	-885	37.2837	80.4154	DCH	0.4 -	1.3 -	3.4 -	3.16	0.38 +	8.28	849.	55.	5.
2768	0000	-885	37.2837	80.4147	DCH	0.4 -	1.3 -	3.5 -	3.09	0.37 +	8.30	877.	52.	6.
2769	0000	-884	37.2837	80.4141	DCH	0.4 -	1.2 -	3.7 -	2.79	0.33 +	8.34	887.	50.	6.
2770	0000	-885	37.2837	80.4135	DCH	0.5 -	1.0 -	3.5 -	2.02	0.28	7.34	863.	50.	7.
2771	0000	-884	37.2837	80.4128	DCH	0.5 -	0.9 -	3.3 -	1.86	0.27	6.90	840.	50.	8.
2772	0000	-883	37.2837	80.4122	DCH	0.5 -	0.8 -	3.4 -	1.83	0.25	7.36	822.	51.	9.
2773	0000	-884	37.2837	80.4115	DCH	0.5 -	0.7 --	3.1 -	1.52	0.23	6.72	815.	53.	9.
2774	0000	-883	37.2837	80.4109	DCH	0.5 -	0.7 --	3.2 -	1.44 -	0.21	6.93	819.	52.	9.
2775	0000	-882	37.2837	80.4102	DCH	0.4 -	0.8 -	3.4 -	1.68	0.22	7.60	826.	54.	7.
2776	0000	-883	37.2837	80.4095	DCH	0.4 -	0.9 -	3.5 -	1.95	0.24	8.00	841.	54.	7.
2777	0000	-883	37.2837	80.4089	DCH	0.4 -	0.9 -	3.7 -	1.95	0.23	8.40	858.	54.	6.
2778	0000	-882	37.2837	80.4083	DCH	0.4 -	1.0 -	4.0 -	2.21	0.24	9.13	879.	54.	5.
2779	0000	-882	37.2837	80.4076	DCH	0.5 -	0.9 -	4.3 -	2.08	0.22	9.40	895.	52.	4.
2780	0000	-881	37.2837	80.4070	DCH	0.4 -	1.0 -	4.3 -	2.29	0.23	10.09	888.	51.	4.
2781	0000	-880	37.2837	80.4063	DCH	0.4 -	1.0 -	4.3 -	2.56	0.24	10.58	869.	52.	4.
2782	0000	-880	37.2837	80.4056	DCH	0.4 -	0.9 -	4.3 -	2.35	0.22	10.70	853.	52.	4.
2783	0000	-879	37.2837	80.4049	MPR-1	0.4 -	0.9 -	4.2 -	2.16	0.21	10.49	841.	53.	4.
2784	0000	-879	37.2837	80.4043	MPR-1	0.4 -	1.1 -	3.9 -	2.93	0.28	10.32	851.	55.	5.
2785	0000	-879	37.2837	80.4037	MPR-1	0.4 -	0.9 -	4.0 -	2.22	0.23	9.46	868.	54.	5.
2786	0000	-879	37.2837	80.4030	MPR-1	0.4 -	1.0 -	4.2 -	2.19	0.23	9.40	879.	55.	4.
2787	0000	-880	37.2838	80.4024	MPR-1	0.5 -	0.9 -	4.2 -	2.04	0.22	9.17	890.	55.	4.
2788	0000	-879	37.2838	80.4017	MPR-1	0.5 -	1.2 -	4.0 -	2.40	0.29	8.19	903.	53.	4.
2789	0000	-877	37.2838	80.4011	MPR-1	0.5 -	1.3 -	4.2 -	2.63	0.30	8.74	928.	54.	3.
2790	0000	-878	37.2838	80.4004	MPR-1	0.5 -	1.5	4.2 -	3.01	0.35	8.55	950.	54.	2.
2791	0000	-877	37.2838	80.3998	MPR-1	0.5 -	1.5	4.4 -	2.97	0.35	8.39	987.	53.	2.
2792	0000	-877	37.2838	80.3992	MPR-1	0.5	1.7	4.8 -	3.17	0.36	8.87	1025.	54.	1.
2793	0000	-878	37.2837	80.3985	MPR-1	0.6	1.8	5.0	3.25	0.36 +	9.03	1072.	55.	0.
2794	0000	-876	37.2837	80.3979	MPR-1	0.6	1.9	5.3	3.19	0.36 +	8.84	1108.	56.	0.
2795	0000	-874	37.2837	80.3972	MPR-1	0.6	1.9	5.8	3.14	0.33	9.66	1162.	58.	0.
2796	0000	-872	37.2837	80.3965	MPR-1	0.7	1.9	5.8	2.78	0.33	8.47	1203.	55.	0.
2797	0000	-873	37.2838	80.3958	MPR-1	0.7	1.9	6.3	2.78	0.31	9.01	1254.	57.	0.
2798	0000	-876	37.2838	80.3952	MPR-1	0.7	2.0	6.9	2.77	0.28	9.76	1297.	57.	0.
2799	0000	-875	37.2838	80.3945	MPR-1	0.7	2.0	7.2	2.70	0.27	9.92	1348.	57.	0.
2800	0000	-874	37.2838	80.3939	MPR-1	0.7	2.0	7.2	2.76	0.27	10.18	1378.	56.	0.
2801	0000	-874	37.2838	80.3933	MPR-1	0.7	2.1	7.5	2.83	0.27	10.30	1428.	56.	0.
2802	0000	-872	37.2838	80.3926	MPR-1	0.7	2.2	7.5	2.91	0.29	10.03	1434.	55.	0.
2803	0000	-872	37.2838	80.3919	MPR-1	0.8	2.2	7.7	2.80	0.28	9.94	1481.	54.	0.
2804	0000	-872	37.2838	80.3913	MPR-1	0.9	2.1	7.6	2.48	0.28	8.90	1496.	52.	0.
2805	0000	-870	37.2838	80.3906	MPR-1	1.0	2.1	7.6	2.11	0.27	7.75	1531.	52.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-870	37.2838	80.3900	MPR-1	1.1	2.2	7.1	2.04	0.31	6.65	1556.	53.	0.
2807	0000	-872	37.2838	80.3894	MPR-1	1.3	2.0	7.4	1.59	0.27	5.80	1614.	55.	0.
2808	0000	-870	37.2838	80.3887	MPR-1	1.5 +	2.0	7.2	1.37 -	0.28	4.95 -	1669.	56.	0.
2809	0000	-867	37.2838	80.3881	MPR-1	1.7 +	1.9	7.2	1.16 -	0.26	4.37 -	1745.	54.	0.
2810	0000	-868	37.2838	80.3874	MPR-1	1.7 +	2.1	7.0	1.22 -	0.30	4.08 -	1769.	57.	1.
2811	0000	-867	37.2838	80.3867	MPR-1	1.8 +	2.0	7.2	1.11 -	0.28	3.99 -	1808.	58.	2.
2812	0000	-866	37.2838	80.3860	MPR-1	1.8 +	1.9	7.0	1.10 -	0.27	3.99 -	1788.	57.	3.
2813	0000	-868	37.2838	80.3854	MPR-1	1.7 +	1.8	7.1	1.07 -	0.25	4.28 -	1755.	56.	4.
2814	0000	-867	37.2838	80.3847	MPR-1	1.5 +	2.0	6.5	1.41 -	0.32	4.44 -	1665.	55.	5.
2815	0000	-866	37.2839	80.3841	MPR-1	1.3	2.0	6.6	1.59	0.30	5.23	1582.	55.	5.
2816	0000	-866	37.2838	80.3835	MPR-1	1.0	1.9	6.5	1.79	0.29	6.26	1500.	57.	7.
2817	0000	-864	37.2838	80.3828	MPR-1	0.9	1.7	6.5	1.86	0.26	7.22	1442.	56.	8.
2818	0000	-863	37.2838	80.3822	MPR-1	0.8	1.8	6.4	2.20	0.28	7.80	1421.	54.	8.
2819	0000	-863	37.2838	80.3815	MPR-1	0.9	1.7	6.2	1.85	0.27	6.78	1463.	55.	9.
2820	0000	-862	37.2838	80.3809	MPR-1	1.1	1.8	6.1	1.65	0.29	5.74	1520.	55.	10.
2821	0000	-862	37.2838	80.3803	MPR-1	1.4 +	1.6	6.4	1.15 -	0.25	4.61 -	1657.	54.	11.
2822	0000	-862	37.2838	80.3796	MPR-1	1.7 +	1.6	6.1	0.91 -	0.26	3.50 -	1806.	53.	13.
2823	0000	-861	37.2838	80.3789	MPR-1	2.1 +	1.5	6.3	0.74 --	0.24	3.06 -	1949.	52.	13.
2824	0000	-862	37.2839	80.3783	MPR-2	2.3 -	1.5 -	6.4	0.65	0.24 -	2.72 +	2080.	53.	13.
2825	0000	-863	37.2839	80.3776	MPR-2	2.6	1.4 -	6.1	0.54 -	0.23 -	2.33	2203.	57.	14.
2826	0000	-861	37.2839	80.3769	MPR-2	2.8	1.5 -	6.0	0.55 -	0.25 -	2.15	2290.	57.	14.
2827	0000	-861	37.2839	80.3763	MPR-2	3.0	1.6 -	6.2	0.54 -	0.26 -	2.06	2407.	55.	14.
2828	0000	-861	37.2839	80.3756	MPR-2	3.1	1.9	6.3	0.61	0.30	2.05	2475.	57.	12.
2829	0000	-860	37.2839	80.3749	MPR-2	3.0	2.0	6.5	0.68	0.31	2.17	2515.	57.	10.
2830	0000	-859	37.2839	80.3744	MPR-2	3.0	2.3	6.4	0.77	0.36	2.15	2533.	58.	8.
2831	0000	-859	37.2839	80.3737	MPR-2	3.0	2.5	6.5	0.83	0.38	2.20	2551.	58.	7.
2832	0000	-859	37.2838	80.3730	MPR-2	2.9	2.6	6.9 +	0.89	0.37	2.40	2533.	55.	6.
2833	0000	-858	37.2839	80.3724	MPR-2	2.7	2.9 +	7.3 +	1.07 +	0.41	2.65 +	2502.	54.	4.
2834	0000	-857	37.2839	80.3717	MPR-2	2.6	2.9 +	7.4 +	1.09 +	0.39	2.80 +	2424.	55.	3.
2835	0000	-856	37.2839	80.3711	MPR-2	2.5 -	2.8 +	7.2 +	1.11 +	0.39	2.86 +	2344.	54.	3.
2836	0000	-855	37.2839	80.3705	MPR-2	2.3 -	2.8 +	7.3 +	1.21 +	0.39	3.10 ++	2219.	54.	2.
2837	0000	-855	37.2839	80.3698	MPR-1	2.1 +	2.8 +	7.2	1.33 -	0.39 +	3.37 -	2092.	51.	2.
2838	0000	-854	37.2839	80.3692	MPR-1	1.9 +	2.5	7.0	1.31 -	0.36 +	3.60 -	1958.	51.	2.
2839	0000	-853	37.2839	80.3685	MPR-1	1.8 +	2.5	6.7	1.40 -	0.37 +	3.78 -	1831.	53.	2.
2840	0000	-853	37.2839	80.3678	MPR-1	1.6 +	2.0	6.0	1.27 -	0.34	3.73 -	1696.	55.	3.
2841	0000	-851	37.2839	80.3671	MPR-1	1.4 +	2.0	5.3	1.46	0.38 +	3.79 -	1577.	54.	3.
2842	0000	-851	37.2839	80.3665	MPR-1	1.2	2.0	5.0	1.66	0.39 +	4.25 -	1455.	53.	3.
2843	0000	-851	37.2839	80.3658	MPR-1	1.1	1.7	4.7 -	1.51	0.36	4.24 -	1364.	53.	4.
2844	0000	-851	37.2839	80.3652	MPR-1	1.1	1.5	4.3 -	1.40 -	0.35	4.01 -	1288.	55.	4.
2845	0000	-852	37.2839	80.3646	MPR-1	1.1	1.6	3.8 -	1.50	0.42 +	3.57 -	1235.	57.	3.
2846	0000	-851	37.2839	80.3639	CE	1.1	1.6	3.7 -	1.50	0.43 +	3.46	1207.	55.	3.
2847	0000	-850	37.2839	80.3633	CE	1.1	1.6	3.8 -	1.47	0.43 +	3.43	1203.	53.	3.
2848	0000	-850	37.2839	80.3626	CE	1.2	1.5	3.8 -	1.29	0.40	3.26	1180.	54.	2.
2849	0000	-849	37.2839	80.3619	CE	1.3	1.4	3.7 -	1.11	0.38	2.92	1186.	58.	2.
2850	0000	-850	37.2839	80.3613	CE	1.3	1.5	3.2 -	1.09	0.46 +	2.37	1218.	57.	2.
2851	0000	-849	37.2839	80.3607	CE	1.5	1.4	3.0 -	0.94	0.46 +	2.04 -	1272.	57.	2.
2852	0000	-848	37.2839	80.3600	CE	1.6	1.3	3.0 -	0.86	0.45 +	1.93 -	1328.	55.	3.
2853	0000	-848	37.2839	80.3594	CE	1.7	1.2 -	2.9 -	0.72	0.42 +	1.73 -	1383.	54.	3.
2854	0000	-846	37.2839	80.3587	CE	1.7	1.2 -	2.7 --	0.70	0.44 +	1.58 -	1428.	56.	4.
2855	0000	-844	37.2839	80.3580	CE	1.8	1.2 -	3.2 -	0.71	0.39	1.80 -	1479.	55.	4.
2856	0000	-844	37.2839	80.3574	CE	1.7	1.4	3.1 -	0.80	0.44 +	1.82 -	1493.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-843	37.2839	80.3567		CE	1.7	1.2 -	3.4 -	0.72	0.37	1.96 -	1497.	52.	4.
2858	0000	-843	37.2839	80.3560		CE	1.6	1.4	3.7 -	0.86	0.39	2.23	1490.	52.	4.
2859	0000	-843	37.2839	80.3554		CE	1.6	1.5	3.8 -	0.90	0.39	2.31	1474.	53.	3.
2860	0000	-841	37.2840	80.3548		CE	1.5	1.6	3.7 -	1.07	0.44 +	2.46	1443.	54.	3.
2861	0000	-840	37.2840	80.3541		CE	1.5	1.6	4.0 -	1.07	0.40	2.65	1419.	52.	2.
2862	0000	-840	37.2840	80.3535		CE	1.5	1.8	3.6 -	1.19	0.50 +	2.35	1428.	53.	1.
2863	0000	-839	37.2840	80.3528		CE	1.6	1.8	3.6 -	1.14	0.50 +	2.28	1456.	52.	1.
2864	0000	-840	37.2840	80.3522		CE	1.6	1.9	3.8 -	1.22	0.50 +	2.43	1471.	53.	0.
2865	0000	-839	37.2840	80.3515		CE	1.6	1.9	3.6 -	1.15	0.52 +	2.20	1481.	52.	0.
2866	0000	-837	37.2839	80.3509		CE	1.6	2.0	3.6 -	1.24	0.54 +	2.30	1475.	52.	0.
2867	0000	-837	37.2839	80.3503		CE	1.6	1.9	3.7 -	1.18	0.50 +	2.35	1474.	52.	0.
2868	0000	-838	37.2839	80.3496		CE	1.6	1.9	3.7 -	1.22	0.53 +	2.30	1500.	53.	0.
2869	0000	-837	37.2839	80.3489		CE	1.6	1.9	3.5 -	1.22	0.55 ++	2.23	1500.	52.	0.
2870	0000	-838	37.2840	80.3482		CE	1.6	1.9	4.0 -	1.16	0.46 +	2.53	1542.	52.	0.
2871	0000	-838	37.2840	80.3476		CE	1.7	1.9	3.7 -	1.10	0.51 +	2.16	1629.	52.	1.
2872	0000	-835	37.2840	80.3469		CE	1.9	2.1	4.2 -	1.11	0.49 +	2.27	1725.	52.	2.
2873	0000	-834	37.2840	80.3463		CE	2.0	2.2	4.3 -	1.05	0.50 +	2.12	1841.	53.	2.
2874	0000	-833	37.2840	80.3457		CE	2.2	2.3	4.4 -	1.02	0.51 +	1.98 -	1955.	53.	2.
2875	0000	-831	37.2840	80.3450		CE	2.3	2.3	4.5	1.00	0.51 +	1.97 -	2026.	54.	3.
2876	0000	-831	37.2840	80.3444		CE	2.3	2.4	4.7	1.06	0.52 +	2.03 -	2045.	53.	3.
2877	0000	-832	37.2840	80.3437		CE	2.3	2.5 +	4.2 -	1.12	0.60 ++	1.86 -	2014.	53.	3.
2878	0000	-831	37.2840	80.3430		CE	2.1	2.6 +	4.5	1.20	0.57 ++	2.09 -	1981.	54.	3.
2879	0000	-830	37.2840	80.3424		CE	2.1	2.4	4.2 -	1.15	0.58 ++	1.99 -	1927.	55.	3.
2880	0000	-830	37.2840	80.3417		CE	2.0	2.4	4.0 -	1.22	0.60 ++	2.02 -	1870.	53.	3.
2881	0000	-829	37.2840	80.3411		CE	1.8	2.4	3.9 -	1.29	0.61 ++	2.12	1800.	53.	3.
2882	0000	-828	37.2840	80.3405		CE	1.8	2.2	3.7 -	1.24	0.59 ++	2.09 -	1709.	54.	4.
2883	0000	-829	37.2840	80.3398		CE	1.7	1.9	3.6 -	1.08	0.51 +	2.11 -	1642.	54.	4.
2884	0000	-829	37.2840	80.3391		CE	1.6	1.6	3.6 -	0.98	0.45 +	2.16	1565.	54.	5.
2885	0000	-826	37.2840	80.3384		CE	1.5	1.5	3.3 -	0.96	0.44 +	2.19	1443.	53.	5.
2886	0000	-825	37.2840	80.3378		CE	1.3	1.3 -	3.2 -	0.98	0.41 +	2.37	1331.	53.	6.
2887	0000	-826	37.2840	80.3371		CE	1.2	1.0 -	3.3 -	0.85	0.32	2.66	1212.	53.	7.
2888	0000	-826	37.2840	80.3365		CE	1.1	0.9 -	3.3 -	0.89	0.28	3.18	1108.	52.	6.
2889	0000	-826	37.2840	80.3359		CE	0.9	0.8 -	3.4 -	0.93	0.24	3.88	1026.	51.	6.
2890	0000	-825	37.2840	80.3352		CE	0.7 -	1.0 -	3.5 -	1.40	0.29	4.82	967.	52.	6.
2891	0000	-823	37.2840	80.3346		CE	0.6 -	0.9 -	3.6 -	1.43	0.26	5.50	929.	53.	7.
2892	0000	-822	37.2840	80.3339		CE	0.6 -	0.8 -	3.5 -	1.34	0.23	5.90	905.	54.	8.
2893	0000	-823	37.2840	80.3333		CE	0.6 -	0.7 --	3.7 -	1.25	0.19 -	6.55 +	881.	54.	8.
2894	0000	-823	37.2840	80.3326		CE	0.5 -	0.7 --	3.5 -	1.32	0.21 -	6.39 +	869.	53.	9.
2895	0000	-823	37.2840	80.3319		CE	0.6 -	0.6 --	3.3 -	1.01	0.17 -	5.83	846.	52.	9.
2896	0000	-822	37.2840	80.3314		CE	0.6 -	0.7 --	3.1 -	1.13	0.22 -	5.04	841.	51.	9.
2897	0000	-822	37.2841	80.3307		CE	0.7 -	0.5 --	2.9 -	0.64	0.16 --	4.10	851.	51.	9.
2898	0000	-821	37.2841	80.3300		CE	0.7 -	0.5 --	3.0 -	0.68	0.17 --	4.02	872.	50.	8.
2899	0000	-819	37.2840	80.3293		CE	0.8 -	0.6 --	3.1 -	0.80	0.21 -	3.82	908.	48.	8.
2900	0000	-819	37.2840	80.3287		CE	0.8	0.9 -	3.2 -	1.03	0.27	3.79	970.	46.	7.
2901	0000	-821	37.2840	80.3280		CCO-2	0.9 -	1.1 -	3.2 -	1.21	0.33	3.69	1030.	49.	6.
2902	0000	-820	37.2840	80.3273		CCO-2	1.0	1.3 -	3.3 -	1.36	0.39	3.49	1116.	49.	5.
2903	0000	-818	37.2840	80.3267		CCO-2	1.0	1.5	3.6 -	1.42	0.41	3.48	1205.	50.	4.
2904	0000	-816	37.2840	80.3261		CCO-2	1.2	1.5	3.8 -	1.32	0.40	3.29 -	1288.	50.	4.
2905	0000	-817	37.2840	80.3254		CCO-2	1.3	1.7	3.6 -	1.34	0.48 +	2.81 -	1385.	49.	4.
2906	0000	-816	37.2841	80.3248		CCO-2	1.4	1.8	3.5 -	1.23	0.52 +	2.39 -	1476.	49.	5.
2907	0000	-813	37.2841	80.3241		CCO-2	1.6 +	1.6	3.3 -	1.04	0.49 +	2.12 -	1525.	51.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-812	37.2841	80.3235	CCD-2	1.7 +	1.5	3.4 -	0.91 -	0.45 +	2.04 -	1556.	50.	6.
2909	0000	-812	37.2841	80.3228	CCD-2	1.7 +	1.5	3.3 -	0.85 -	0.44 +	1.95 -	1557.	50.	7.
2910	0000	-809	37.2841	80.3222	CCD-2	1.7 +	1.4 -	3.2 -	0.85 -	0.44 +	1.91 -	1529.	51.	8.
2911	0000	-809	37.2841	80.3216	CCD-2	1.6 +	1.2 -	3.3 -	0.77 -	0.37	2.08 -	1502.	52.	9.
2912	0000	-809	37.2841	80.3209	CCD-2	1.5	1.2 -	3.3 -	0.76 -	0.36	2.13 -	1443.	53.	8.
2913	0000	-807	37.2840	80.3202	CCD-2	1.4	1.1 -	3.2 -	0.81 -	0.35	2.29 -	1360.	55.	8.
2914	0000	-806	37.2840	80.3195	CCD-2	1.3	1.2 -	3.0 --	0.98 -	0.41	2.37 -	1292.	56.	8.
2915	0000	-806	37.2841	80.3189	CCD-2	1.2	1.2 -	2.9 --	0.99 -	0.40	2.49 -	1217.	56.	8.
2916	0000	-805	37.2841	80.3182	CCD-2	1.0	1.1 -	2.6 --	1.08	0.42 +	2.55 -	1107.	56.	7.
2917	0000	-805	37.2841	80.3176	CCD-2	0.9 -	0.9 --	2.4 --	1.04	0.39	2.69 -	1002.	58.	6.
2918	0000	-805	37.2841	80.3169	CCD-1	0.8 +	1.1	2.1 -	1.47 -	0.53 +	2.79 --	899.	57.	5.
2919	0000	-804	37.2841	80.3163	CCD-1	0.6 +	1.0	2.1 -	1.55 -	0.46	3.40 --	799.	58.	5.
2920	0000	-804	37.2841	80.3157	CCD-1	0.5	0.9 -	2.4 -	1.75 -	0.36	4.81 -	726.	54.	4.
2921	0000	-804	37.2841	80.3150	CCD-1	0.4	0.9 -	2.5	2.10	0.34	6.21	662.	52.	4.
2922	0000	-804	37.2841	80.3143	CCD-1	0.3	0.9	2.4 -	2.81	0.37	7.63	603.	53.	5.
2923	0000	-804	37.2841	80.3137	CCD-1	0.3 -	0.9	2.6	3.38	0.34	9.82	593.	52.	5.
2924	0000	-801	37.2841	80.3130	CCD-1	0.2 -	0.9	2.9	3.91	0.31	12.81 +	593.	51.	6.
2925	0000	-800	37.2841	80.3124	CCD-1	0.2 -	0.8 -	3.0	3.60	0.28	12.95 +	590.	51.	7.
2926	0000	-801	37.2841	80.3118	CCD-1	0.2 -	0.9	2.8	3.87	0.32	12.09 +	598.	48.	8.
2927	0000	-799	37.2841	80.3111	CCD-1	0.2 -	1.0	2.5	4.56 +	0.39	11.84 +	602.	49.	8.
2928	0000	-798	37.2841	80.3104	CCD-1	0.2 -	0.9	2.5	4.03	0.35	11.51 +	621.	48.	8.
2929	0000	-799	37.2841	80.3098	CCD-1	0.2 -	0.9	3.1	3.65	0.29	12.74 +	679.	47.	8.
2930	0000	-798	37.2841	80.3091	CCD-1	0.3 -	1.0	3.2	3.88	0.32	12.20 +	752.	48.	7.
2931	0000	-797	37.2841	80.3084	CCD-1	0.3	1.2	3.2	4.07	0.39	10.43	839.	48.	6.
2932	0000	-797	37.2841	80.3078	CCD-1	0.4	1.5	3.7	3.58	0.40	8.86	937.	48.	5.
2933	0000	-796	37.2842	80.3071	CCD-1	0.5	1.7 +	4.5 +	3.68	0.38	9.75	1043.	49.	3.
2934	0000	-794	37.2841	80.3065	CCD-1	0.5	1.8 +	5.1 +	3.30	0.35	9.43	1131.	50.	2.
2935	0000	-793	37.2841	80.3059	CCD-1	0.6 +	2.0 +	5.5 +	3.09	0.36	8.49	1218.	52.	1.
2936	0000	-793	37.2841	80.3052	CCD-1	0.8 +	2.3 ++	5.6 +	2.96	0.41	7.20	1305.	50.	1.
2937	0000	-793	37.2841	80.3046	CCD-2	0.9 -	2.2	5.9	2.38 +	0.37	6.36	1380.	50.	0.
2938	0000	-792	37.2841	80.3039	CCD-2	1.0	2.3 +	6.3	2.18 +	0.36	6.08	1448.	50.	0.
2939	0000	-792	37.2841	80.3033	CCD-2	1.1	2.1	6.5	1.95	0.32	5.99	1498.	51.	1.
2940	0000	-794	37.2841	80.3027	CCD-2	1.2	2.1	6.4	1.83	0.33	5.54	1542.	53.	2.
2941	0000	-793	37.2841	80.3020	CCD-2	1.3	2.0	6.9	1.61	0.30	5.47	1602.	50.	4.
2942	0000	-789	37.2841	80.3014	CCD-2	1.3	2.0	7.2 +	1.56	0.27	5.70	1660.	50.	5.
2943	0000	-788	37.2841	80.3007	CCD-2	1.3	1.9	7.5 +	1.47	0.25	5.94	1685.	54.	6.
2944	0000	-788	37.2841	80.3002	CCD-2	1.2	2.0	7.9 +	1.63	0.25	6.44	1704.	53.	7.
2945	0000	-788	37.2841	80.2997	CCD-2	1.2	1.7	7.6 +	1.36	0.22 -	6.11	1690.	51.	8.
2946	0000	-787	37.2841	80.2992	CCD-2	1.2	1.7	7.7 +	1.37	0.22 -	6.18	1677.	51.	8.
2947	0000	-785	37.2841	80.2987	CCD-2	1.2	1.5	7.5 +	1.27	0.20 -	6.23	1609.	51.	8.
2948	0000	-785	37.2841	80.2981	CCD-2	1.1	1.6	7.2 +	1.41	0.23 -	6.26	1537.	51.	7.
2949	0000	-785	37.2841	80.2976	CCD-2	1.1	1.6	6.5	1.40	0.24 -	5.78	1469.	52.	7.
2950	0000	-785	37.2841	80.2971	OCH	1.1	1.6	6.4	1.52	0.25	6.01	1442.	49.	6.
2951	0000	-785	37.2841	80.2966	OCH	1.1	1.4	5.9	1.24	0.23 -	5.43	1404.	49.	6.
2952	0000	-785	37.2841	80.2960	OCH	1.0	1.8	6.2	1.77	0.29	6.17	1398.	50.	6.
2953	0000	-786	37.2841	80.2955	OCH	1.0	1.9	6.4	1.90	0.29	6.51	1388.	49.	6.
2954	0000	-786	37.2841	80.2950	OCH	1.0	1.9	6.9	1.91	0.28	6.80	1444.	47.	6.
2955	0000	-786	37.2841	80.2945	OCH	1.0	1.8	6.9	1.72	0.26	6.71	1484.	48.	6.
2956	0000	-787	37.2840	80.2939	OCH	1.0	1.7	7.3	1.65	0.23 -	7.15	1497.	47.	6.
2957	0000	-787	37.2840	80.2934	OCH	1.0	1.6	7.2	1.51	0.22 -	6.96	1448.	48.	6.
2958	0000	-788	37.2840	80.2929	OCH	1.0	1.5	7.4	1.53	0.20 -	7.49	1424.	51.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-788	37.2840	80.2923	OCH	1.0	1.2	7.3	1.25	0.17 --	7.40	1412.	51.	6.
2960	0000	-786	37.2840	80.2918	OCH	1.0	1.1	7.3	1.05	0.15 --	7.21	1417.	53.	5.
2961	0000	-785	37.2840	80.2913	OCH	1.0	1.3	7.4	1.32	0.18 -	7.28	1445.	53.	4.
2962	0000	-785	37.2840	80.2907	OB-1	1.0	1.6	7.9 ++	1.54	0.20 -	7.65	1509.	51.	3.
2963	0000	-786	37.2840	80.2902	OB-2	1.1 -	1.9	8.5 -	1.75 +	0.22	7.93 +	1583.	52.	2.
2964	0000	-785	37.2840	80.2897	OB-2	1.1 -	2.0	9.1	1.83 +	0.22	8.19 +	1663.	52.	2.
2965	0000	-785	37.2840	80.2892	OB-2	1.2 -	2.1	9.5 +	1.75 +	0.22	7.81 +	1718.	52.	1.
2966	0000	-786	37.2840	80.2886	OB-2	1.3 -	2.1	9.7 +	1.70 +	0.22	7.65 +	1742.	51.	1.
2967	0000	-786	37.2840	80.2881	OB-2	1.3	2.3	9.4	1.72 +	0.24	7.19 +	1756.	50.	1.
2968	0000	-786	37.2840	80.2876	OB-2	1.3 -	2.0	9.3	1.53 +	0.21	7.19 +	1715.	54.	1.
2969	0000	-788	37.2840	80.2870	OB-2	1.3 -	1.8	8.7	1.42	0.21	6.70	1664.	57.	2.
2970	0000	-787	37.2839	80.2865	OB-2	1.3 -	1.5 -	8.2 -	1.20	0.19 -	6.41	1613.	57.	4.
2971	0000	-785	37.2839	80.2860	OB-1	1.3 +	1.4	7.4 +	1.07 -	0.18 -	5.88	1568.	57.	5.
2972	0000	-785	37.2839	80.2855	OB-1	1.2	1.5	7.0 +	1.23	0.21 -	5.91	1528.	59.	6.
2973	0000	-787	37.2839	80.2850	OB-1	1.2	1.3	6.9 +	1.09 -	0.19 -	5.75	1508.	60.	6.
2974	0000	-787	37.2839	80.2845	OB-1	1.1	1.2	6.7 +	1.07 -	0.18 -	5.83	1487.	60.	8.
2975	0000	-787	37.2839	80.2839	OB-1	1.2	1.1	6.6 +	0.96 -	0.17 -	5.62	1479.	57.	8.
2976	0000	-789	37.2839	80.2834	OB-1	1.2	1.1	6.5 +	0.99 -	0.18 -	5.61	1455.	56.	8.
2977	0000	-788	37.2839	80.2829	OB-1	1.1	1.1	6.2 +	0.95 -	0.18 -	5.36	1411.	56.	8.
2978	0000	-786	37.2839	80.2823	OB-1	1.1	1.1	6.4 +	1.01 -	0.18 -	5.59	1393.	54.	6.
2979	0000	-787	37.2839	80.2818	OB-1	1.1	1.0 -	6.3 +	0.93 -	0.17 -	5.60	1363.	51.	6.
2980	0000	-788	37.2839	80.2813	OMUU	1.0	1.2	6.0	1.15 -	0.20	5.78	1306.	51.	5.
2981	0000	-787	37.2839	80.2807	OMUU	0.9	1.2	5.8	1.31	0.21	6.21	1236.	53.	3.
2982	0000	-786	37.2839	80.2802	OMUU	0.9	1.4	5.1	1.60	0.27	6.01	1153.	55.	2.
2983	0000	-786	37.2839	80.2797	OMUU	0.7	1.2	4.9	1.66	0.25	6.62	1060.	55.	2.
2984	0000	-785	37.2838	80.2791	OMUU	0.6	1.3	4.7	2.15	0.28	7.58	974.	60.	1.
2985	0000	-787	37.2838	80.2786	OMUU	0.5	1.2	4.1	2.26	0.29	7.78	885.	62.	1.
2986	0000	-787	37.2838	80.2781	OMUU	0.4	1.3	3.6 -	2.94	0.35	8.29	812.	62.	1.
2987	0000	-786	37.2838	80.2775	OMUU	0.3	1.2	3.4 -	3.39	0.34	9.92	752.	61.	1.
2988	0000	-786	37.2838	80.2770	OMUU	0.3 -	1.2	3.0 -	3.61	0.38 +	9.41	710.	60.	1.
2989	0000	-786	37.2838	80.2766	OMUU	0.3 -	1.2	2.9 -	4.32 +	0.40 +	10.80	673.	60.	1.
2990	0000	-787	37.2838	80.2759	OMUU	0.2 -	1.1	3.1 -	4.77 +	0.37	12.94 +	662.	58.	1.
2991	0000	-788	37.2838	80.2754	OMUU	0.2 -	1.2	2.9 -	5.44 +	0.43 +	12.77 +	658.	55.	1.
2992	0000	-787	37.2838	80.2750	OMUU	0.2 -	1.3	2.8 -	6.91 ++	0.47 +	14.62 +	650.	54.	1.
2993	0000	-786	37.2838	80.2744	OMUU	0.2 -	1.3	2.6 -	6.75 +	0.50 +	13.37 +	638.	55.	1.
2994	0000	-785	37.2838	80.2739	OMUU	0.2 -	1.2	2.5 -	6.27 +	0.50 +	12.67 +	636.	57.	1.
2995	0000	-784	37.2838	80.2734	OMUU	0.2 --	1.2	2.6 -	6.86 ++	0.46 +	14.84 +	632.	56.	0.
2996	0000	-784	37.2838	80.2728	OMUU	0.2 --	1.2	2.5 -	6.50 +	0.48 +	13.66 +	632.	57.	0.
2997	0000	-784	37.2838	80.2723	OMUU	0.2 --	1.4	1.9 --	8.26 ++	0.73 ++	11.24	608.	60.	0.
2998	0000	-784	37.2837	80.2718	OMUU	0.2 --	1.3	1.9 -	7.39 ++	0.65 ++	11.30	597.	60.	0.
2999	0000	-785	37.2837	80.2712	OMUU	0.2 --	1.2	1.9 --	7.43 ++	0.64 ++	11.63	588.	58.	0.
3000	0000	-786	37.2837	80.2707	OMUU	0.1 --	1.2	2.1 -	9.64 ++	0.59 ++	16.40 +	570.	58.	1.
3001	0000	-786	37.2837	80.2702	OMUU	0.1 --	1.3	1.9 --	9.43 ++	0.68 ++	13.81 +	563.	55.	1.
3002	0000	-783	37.2837	80.2697	OMUU	0.1 --	1.3	1.7 --	8.92 ++	0.75 ++	11.92	551.	56.	2.
3003	0000	-783	37.2837	80.2691	OMUU	0.1 --	1.1	1.8 --	7.88 ++	0.58 ++	13.68 +	532.	55.	3.
3004	0000	-784	37.2837	80.2686	OMUU	0.2 --	0.9 -	2.1 -	5.08 +	0.42 +	12.15	541.	52.	3.
3005	0000	-784	37.2837	80.2681	OMUU	0.2 --	0.9 -	2.2 -	5.93 +	0.44 +	13.51 +	539.	50.	3.
3006	0000	-782	37.2837	80.2675	OMUU	0.2 --	0.9 -	2.1 -	5.35 +	0.44 +	12.20	528.	54.	3.
3007	0000	-781	37.2837	80.2670	OMUU	0.2 --	0.8 -	2.3 -	4.42 +	0.35	12.61 +	531.	53.	3.
3008	0000	-781	37.2837	80.2665	OMUU	0.2 --	0.9 -	2.1 -	4.96 +	0.42 +	11.68	527.	52.	2.
3009	0000	-782	37.2837	80.2659	OMUU	0.2 --	0.9 -	2.5 -	5.80 +	0.37 -	15.58 +	522.	53.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	U CPS
3010	0000	-783	37.2837	80.2655	OMUU	0.2 --	1.1	2.6 -	6.54 +	0.42 +	15.50 +	526.	53.	1.
3011	0000	-782	37.2836	80.2649	OMUU	0.2 --	1.1	2.6 -	7.00 ++	0.43 +	16.12 +	527.	52.	1.
3012	0000	-782	37.2836	80.2644	OMUU	0.2 --	1.0 -	2.2 -	5.52 +	0.45 +	12.23	517.	56.	2.
3013	0000	-782	37.2836	80.2639	OMUU	0.2 --	0.9 -	2.2 -	5.28 +	0.44 +	12.03	520.	53.	3.
3014	0000	-781	37.2836	80.2633	OMUU	0.2 --	1.0 -	1.9 -	5.51 +	0.51 +	10.85	516.	53.	4.
3015	0000	-780	37.2836	80.2628	OMUU	0.2 --	0.9 -	2.1 -	5.76 +	0.42 +	13.56 +	516.	55.	5.
3016	0000	-781	37.2836	80.2623	OMUU	0.2 --	0.8 -	1.9 --	5.09 +	0.46 +	11.17	515.	55.	5.
3017	0000	-781	37.2836	80.2617	OMUU	0.2 --	0.8 -	1.8 --	4.50 +	0.44 +	10.24	514.	53.	5.
3018	0000	-780	37.2836	80.2612	OMUU	0.1 --	0.8 -	1.9 --	6.30 +	0.44 +	14.17 +	509.	53.	5.
3019	0000	-778	37.2836	80.2607	OMUU	0.1 --	0.8 -	2.0 -	6.34 +	0.41 +	15.57 +	519.	51.	4.
3020	0000	-778	37.2836	80.2602	OMUU	0.1 --	0.9 -	2.1 -	7.37 ++	0.45 +	16.36 +	527.	50.	3.
3021	0000	-778	37.2836	80.2597	OMUU	0.1 --	1.0 -	2.2 -	8.15 ++	0.43 +	18.91 ++	524.	52.	2.
3022	0000	-779	37.2836	80.2591	OMUU	0.1 --	0.9 -	2.1 -	7.55 ++	0.44 +	17.02 +	527.	50.	2.
3023	0000	-778	37.2836	80.2586	OMUU	0.1 --	1.0	2.1 -	8.51 ++	0.48 +	17.72 +	524.	50.	2.
3024	0000	-777	37.2836	80.2581	OMUU	0.1 --	1.2	1.9 -	11.27 ++	0.62 ++	18.04 ++	524.	51.	2.
3025	0000	-777	37.2835	80.2576	OMUU	0.1 --	1.3	1.8 --	12.40 +++	0.69 ++	17.92 +	530.	50.	2.
3026	0000	-777	37.2835	80.2570	OMUU	0.1 ---	1.2	1.9 --	13.19 +++	0.65 ++	20.27 ++	537.	50.	3.
3027	0000	-778	37.2835	80.2565	OMUU	0.1 ---	1.1	2.0 -	12.35 +++	0.56 ++	21.87 ++	542.	49.	4.
3028	0000	-778	37.2835	80.2560	OMUU	0.1 --	1.1	2.0 -	9.29 ++	0.54 ++	17.16 +	552.	47.	5.
3029	0000	-777	37.2835	80.2554	OMUU	0.1 --	1.0	2.0 -	7 93 ++	0.51 +	15.53 +	553.	48.	6.
3030	0000	-777	37.2835	80.2549	OMUU	0.1 --	0.9 -	2.1 -	6.47 +	0.43 +	15.21 +	563.	48.	7.
3031	0000	-776	37.2835	80.2544	OMUU	0.1 --	0.8 -	2.4 -	6.23 +	0.33	18.70 ++	577.	50.	8.
3032	0000	-778	37.2835	80.2538	OMUU	0.2 --	0.6 -	2.3 -	3.35	0.25	13.43 +	588.	51.	9.
3033	0000	-778	37.2835	80.2533	OMUU	0.2 --	0.6 -	2.5 -	3.46	0.26	13.50 +	604.	50.	9.
3034	0000	-776	37.2835	80.2528	OMUU	0.2 -	0.5 --	2.6 -	2.28	0.20	11.30	622.	53.	10.
3035	0000	-777	37.2835	80.2522	STC-1	0.2	0.7 -	2.9	2.63 -	0.23 -	11.59	673.	52.	9.
3036	0000	-777	37.2835	80.2517	STC-1	0.3	0.9	3.1	3.05	0.28	10.70	733.	50.	8.
3037	0000	-776	37.2835	80.2512	STC-1	0.4 +	1.0	3.4	2.88	0.30	9.46	806.	49.	7.
3038	0000	-777	37.2835	80.2507	STC-1	0.4 ++	1.3	3.9 +	2.93	0.34	8.72 -	922.	47.	7.
3039	0000	-777	37.2834	80.2502	STC-2	0.5	1.6	4.6	3.17	0.35	8.97	1046.	47.	5.
3040	0000	-776	37.2834	80.2495	STC-2	0.6	2.1 +	5.2	3.51	0.40 +	8.70	1164.	49.	4.
3041	0000	-776	37.2834	80.2491	STC-2	0.7	2.3 +	6.1	3.27	0.37 +	8.72	1318.	49.	4.
3042	0000	-775	37.2834	80.2486	STC-2	0.8	2.4 +	6.7	2.85	0.36 +	8.00	1452.	50.	4.
3043	0000	-776	37.2834	80.2480	STC-2	0.9 +	2.6 +	7.6 +	2.90	0.34	8.43	1574.	51.	3.
3044	0000	-777	37.2834	80.2475	STC-2	0.9 +	2.8 +	8.2 +	3.03	0	8.72	1682.	52.	3.
3045	0000	-777	37.2834	80.2470	STC-2	1.0 +	2.8 +	8.5 ++	2.96	0	8.86	1714.	55.	3.
3046	0000	-776	37.2834	80.2464	STC-2	1.0 +	2.9 ++	8.1 +	2.84	0 +	7.99	1734.	54.	3.
3047	0000	-776	37.2834	80.2459	STC-2	1.0 +	2.9 ++	8.6 ++	2.76	0.	8.24	1798.	53.	3.
3048	0000	-777	37.2834	80.2454	STC-2	1.1 +	2.9 ++	8.3 +	2.60	0.36 +	7.27 -	1821.	54.	3.
3049	0000	-776	37.2834	80.2449	STC-2	1.1 +	3.3 ++	8.1 +	2.91	0.40 +	7.19 -	1845.	52.	2.
3050	0000	-776	37.2834	80.2443	STC-2	1.2 +	3.1 ++	7.5 +	2.66	0.42 +	6.38 -	1846.	54.	2.
3051	0000	-777	37.2834	80.2438	STC-2	1.2 +	3.0 ++	7.5 +	2.49	0.40 +	6.25 -	1838.	51.	3.
3052	0000	-777	37.2834	80.2433	STC-2	1.2 +	2.7 +	7.4 +	2.25	0.37 +	6.08 -	1814.	49.	3.
3053	0000	-777	37.2833	80.2427	DLMU-2	1.2	2.7	7.7	2.25	0.35 +	6.42	1795.	49.	3.
3054	0000	-777	37.2833	80.2422	DLMU-2	1.2	2.3	7.4 -	1.92	0.31	6.20	1729.	51.	4.
3055	0000	-776	37.2833	80.2417	DLMU-2	1.1	2.3	7.2 -	2.04	0.31	6.50	1680.	50.	5.
3056	0000	-778	37.2833	80.2412	DLMU-2	1.1	2.0	7.4 -	1.78	0.27	6.64	1647.	51.	5.
3057	0000	-780	37.2833	80.2406	DLMU-2	1.1	1.8	7.8	1.71	0.23	7.31	1630.	49.	6.
3058	0000	-780	37.2833	80.2401	DLMU-2	1.0 -	1.9	7.6	1.86	0.25	7.39	1614.	51.	5.
3059	0000	-779	37.2833	80.2396	DLMU-2	1.0 -	2.0	7.9	1.96	0.25	7.85	1620.	52.	5.
3060	0000	-777	37.2833	80.2391	DLMU-2	1.0 -	1.9	8.1	1.88	0.23	8.21 +	1640.	51.	6.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-777	37.2833	80.2385	DLMU-2	1.0 -	2.0	8.1	1.96	0.25	7.89	1666.	49.	5.
3062	0000	-779	37.2833	80.2380	DLMU-2	1.0 -	2.1	8.3	2.14	0.26	8.31 +	1677.	48.	4.
3063	0000	-779	37.2833	80.2375	DLMU-2	1.0 -	2.1	8.2	2.08	0.26	8.42	1692.	48.	4.
3064	0000	-779	37.2833	80.2369	DLMU-2	1.1	2.2	7.9	2.07	0.28	7.34	1706.	48.	4.
3065	0000	-779	37.2832	80.2364	DLMU-2	1.1	2.3	8.2	2.13	0.29	7.43	1730.	47.	4.
3066	0000	-779	37.2832	80.2359	DLMU-2	1.2	2.5	7.9	2.02	0.31	6.54	1784.	45.	5.
3067	0000	-780	37.2832	80.2354	DLMU-2	1.3	2.5	8.1	1.94	0.30	6.43	1831.	45.	5.
3068	0000	-779	37.2832	80.2348	DLMU-2	1.3	2.3	8.0	1.76	0.29	6.13	1859.	46.	7.
3069	0000	-779	37.2832	80.234[illegible]	DLMU-2	1.4	2.3	8.2	1.63	0.28	5.87	1891.	48.	7.
3070	0000	-781	37.2832	80.233[illegible]	DLMU-2	1.4	2.2	8.4	1.57	0.26	5.98	1897.	46.	8.
3071	0000	-780	37.2832	80.2333	DLMU-2	1.4	2.0	8.7	1.44	0.23	6.31	1900.	47.	8.
3072	0000	-779	37.2832	80.2328	DLMU-2	1.5	1.7 -	8.6	1.18 -	0.20 -	5.96	1905.	47.	8.
3073	0000	-781	37.2832	80.2322	DLMU-2	1.4	1.5 -	8.9	1.09 -	0.17 -	6.26	1902.	46.	7.
3074	0000	-780	37.2832	80.2317	DLMU-2	1.4	1.6 -	9.1	1.08 -	0.17 -	6.29	1881.	45.	6.
3075	0000	-779	37.2832	80.2312	DLMU-2	1.4	1.7	9.2	1.22	0.19 -	6.43	1875.	45.	4.
3076	0000	-781	37.2832	80.2306	DLMU-2	1.4	1.8	9.0	1.30	0.20 -	6.55	1853.	44.	4.
3077	0000	-781	37.2832	80.2301	DLMU-2	1.3	1.9	9.0	1.40	0.21	6.68	1847.	46.	2.
3078	0000	-781	37.2831	80.2296	DLMU-2	1.4	2.1	8.5	1.52	0.25	6.19	1839.	48.	2.
3079	0000	-780	37.2831	80.2290	DLMU-2	1.3	2.1	8.9	1.65	0.24	6.89	1834.	48.	1.
3080	0000	-780	37.2831	80.2285	DLMU-2	1.3	2.4	8.7	1.91	0.28	6.90	1817.	50.	1.
3081	0000	-780	37.2831	80.2280	DLMU-2	1.3	2.4	8.3	1.92	0.29	6.55	1794.	53.	2.
3082	0000	-780	37.2831	80.2274	DLMU-2	1.2	2.4	8.4	1.88	0.28	6.72	1794.	54.	2.
3083	0000	-781	37.2831	80.2269	DLMU-2	1.2	2.2	8.8	1.76	0.25	7.16	1809.	54.	2.
3084	0000	-781	37.2831	80.2264	DLMU-2	1.2	2.1	9.2	1.73	0.23	7.42	1815.	54.	2.
3085	0000	-781	37.2831	80.2258	DLMU-2	1.2	2.1	9.7 +	1.74	0.22	8.04	1843.	52.	2.
3086	0000	-781	37.2831	80.2254	DLMU-2	1.2	2.4	9.3 +	1.95	0.25	7.66	1872.	52.	3.
3087	0000	-780	37.2831	80.2249	DB-2	1.3	2.2	9.7 +	1.74	0.23	7.68	1903.	54.	2.
3088	0000	-780	37.2831	80.2242	DB-2	1.3	2.2	9.7 +	1.71	0.23	7.42	1933.	52.	2.
3089	0000	-781	37.2831	80.2238	DB-2	1.3	2.1	9.0	1.62	0.23	6.99	1911.	53.	3.
3090	0000	-782	37.2831	80.2233	DB-2	1.3	2.1	9.0	1.58	0.24	6.69	1901.	53.	3.
3091	0000	-782	37.2831	80.2227	DB-2	1.4	2.3	8.4	1.67	0.27	6.24	1889.	54.	3.
3092	0000	-782	37.2831	80.2222	DB-2	1.4	2.3	8.5	1.71	0.27	6.27	1908.	53.	3.
3093	0000	-782	37.2830	80.2217	DB-2	1.4	1.9	8.6	1.37	0.23	6.07	1918.	54.	4.
3094	0000	-783	37.2830	80.2211	DB-2	1.4	1.9	8.8	1.33	0.21	6.30	1904.	52.	4.
3095	0000	-783	37.2830	80.2206	DB-2	1.3	1.9	9.2	1.44	0.21	6.98	1890.	52.	4.
3096	0000	-783	37.2830	80.2201	DB-2	1.3	2.0	9.4	1.49	0.21	7.19	1896.	50.	3.
3097	0000	-783	37.2830	80.2195	DB-2	1.3	2.2	9.1	1.69	0.24	7.02	1898.	52.	2.
3098	0000	-782	37.2830	80.2190	DB-2	1.3	2.1	9.4	1.61	0.22	7.32	1904.	50.	2.
3099	0000	-781	37.2830	80.2185	DB-2	1.3	2.1	9.0	1.63	0.23	7.12	1851.	51.	2.
3100	0000	-781	37.2830	80.2180	DB-2	1.2	2.2	8.8	1.85	0.25	7.32	1814.	50.	2.
3101	0000	-780	37.2830	80.2174	DB-2	1.2	2.2	8.4	1.87	0.26	7.08	1808.	50.	2.
3102	0000	-781	37.2829	80.2169	DB-2	1.2	2.3	8.3	1.84	0.28	6.62	1827.	51.	2.
3103	0000	-783	37.2829	80.2164	DB-2	1.2	2.3	8.5	1.86	0.27	6.89	1857.	50.	2.
3104	0000	-784	37.2829	80.2159	DB-2	1.2	2.1	8.8	1.76	0.24	7.37	1852.	50.	3.
3105	0000	-783	37.2829	80.2153	DB-2	1.2	2.0	8.7	1.77	0.24	7.50	1832.	51.	3.
3106	0000	-782	37.2829	80.2148	DB-2	1.2	2.0	8.9	1.70	0.23	7.47	1849.	51.	3.
3107	0000	-783	37.2829	80.2143	DB-2	1.2	2.1	9.2	1.72	0.22	7.71	1842.	52.	3.
3108	0000	-783	37.2829	80.2138	DB-2	1.2	2.4	9.7 +	2.06	0.24	8.40	1852.	53.	2.
3109	0000	-783	37.2829	80.2132	DB-2	1.1	2.2	9.6	1.93	0.23	8.39	1849.	52.	3.
3110	0000	-784	37.2829	80.2127	DB-2	1.2	2.2	10.0 +	1.93	0.22	8.65	1850.	52.	3.
3111	0000	-784	37.2829	80.2122	DB-2	1.2	2.3	10.1 +	1.99	0.23	8.61	1881.	51.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-783	37.2829	80.2116	DB-2	1.2	2.5	10.2 +	2.05	0.24	8.47	1909.	53.	2.
3113	0000	-782	37.2829	80.2111	DB-2	1.1	2.5	10.4 +	2.17	0.24	9.11	1915.	54.	2.
3114	0000	-783	37.2829	80.2106	DB-2	1.2	2.4	10.2 +	2.10	0.24	8.78	1916.	54.	2.
3115	0000	-782	37.2829	80.2101	DB-2	1.2	2.2	9.7	1.84	0.23	7.94	1915.	54.	2.
3116	0000	-782	37.2828	80.2095	DB-2	1.2	2.4	9.8 +	2.03	0.25	8.13	1915.	53.	1.
3117	0000	-784	37.2828	80.2090	DB-2	1.2	2.4	9.6	2.08	0.25	8.15	1897.	57.	1.
3118	0000	-785	37.2828	80.2085	DB-2	1.2	2.4	9.2	2.10	0.26	7.95	1866.	59.	1.
3119	0000	-781	37.2828	80.2080	DB-2	1.1	2.1	9.7 +	1.84	0.22	8.50	1844.	59.	1.
3120	0000	-780	37.2828	80.2074	DB-2	1.1	2.1	9.9 +	1.80	0.21	8.62	1848.	57.	1.
3121	0000	-781	37.2828	80.2069	DB-2	1.1	2.0	10.2 +	1.78	0.20	8.90	1842.	58.	2.
3122	0000	-781	37.2827	80.2064	DB-2	1.1	2.1	10.3 +	1.84	0.20	9.15	1819.	59.	2.
3123	0000	-781	37.2827	80.2058	DB-2	1.1	1.9	10.5 +	1.70	0.18 -	9.24	1800.	62.	2.
3124	0000	-781	37.2827	80.2053	DB-2	1.1	1.8	10.6 +	1.57	0.17 -	9.34	1787.	57.	3.
3125	0000	-781	37.2827	80.2048	DB-2	1.1	1.6 -	10.7 +	1.39	0.14 --	9.57 +	1760.	59.	3.
3126	0000	-781	37.2827	80.2043	DB-2	1.1	1.9	10.2 +	1.72	0.18 -	9.40	1743.	58.	3.
3127	0000	-781	37.2827	80.2037	DB-2	1.1	1.8	9.5	1.72	0.19 -	8.84	1690.	57.	2.
3128	0000	-781	37.2827	80.2032	DB-2	1.0	1.7	8.9	1.65	0.19 -	8.49	1649.	59.	2.
3129	0000	-783	37.2827	80.2027	DB-2	1.0	1.7	8.3	1.60	0.20	8.00	1618.	57.	2.
3130	0000	-782	37.2827	80.2021	DB-2	1.0	1.6	8.1	1.66	0.20	8.19	1578.	54.	1.
3131	0000	-780	37.2827	80.2016	DB-2	1.0	1.8	7.7	1.83	0.23	7.87	1554.	56.	0.
3132	0000	-780	37.2827	80.2011	DB-2	1.0	1.8	7.7	1.86	0.23	8.10	1545.	54.	0.
3133	0000	-780	37.2827	80.2005	DB-2	0.9	1.7	7.9	1.81	0.22	8.43	1536.	57.	0.
3134	0000	-779	37.2827	80.2000	DB-2	0.9	1.7	8.1	1.87	0.21	8.85	1545.	58.	0.
3135	0000	-782	37.2827	80.1996	DB-2	0.9	2.1	8.7	2.25	0.24	9.43	1586.	54.	0.
3136	0000	-784	37.2827	80.1990	DB-2	0.9	2.2	9.0	2.56	0.25	10.31 +	1611.	55.	0.
3137	0000	-782	37.2827	80.1985	DB-2	0.9	2.5	9.2	2.86 +	0.27	10.42 +	1651.	55.	0.
3138	0000	-782	37.2827	80.1980	DB-2	0.9	2.6	9.2	2.92 +	0.28	10.27 +	1704.	56.	1.
3139	0000	-782	37.2827	80.1975	DB-2	1.0	2.9 +	9.0	2.94 +	0.32	9.17	1737.	57.	2.
3140	0000	-781	37.2827	80.1971	DCH	1.0	2.8 +	8.8	2.70	0.32	8.43	1780.	55.	3.
3141	0000	-783	37.2827	80.1966	DCH	1.2	2.6	8.7	2.26	0.30	7.51	1848.	55.	5.
3142	0000	-784	37.2827	80.1961	DCH	1.2	2.3	8.8	1.89	0.26	7.29	1900.	57.	6.
3143	0000	-782	37.2827	80.1956	DCH	1.3 +	2.0	9.5	1.50	0.21	7.04	1988.	58.	7.
3144	1000	-782	37.2827	80.1951	DCH	1.4 +	2.0	9.5	1.46 -	0.21	6.87	2030.	60.	8.
3145	1000	-782	37.2827	80.1946	DCH	1.4 +	2.1	9.5	1.51	0.22	6.82	2026.	60.	8.
3146	1000	-781	37.2827	80.1942	DCH	1.4 +	2.0	9.3	1.44 -	0.22	6.62	2042.	58.	7.
3147	1000	-781	37.2827	80.1937	DCH	1.4 +	2.3	9.4	1.62	0.24	6.75	2034.	61.	6.
3148	1000	-781	37.2827	80.1932	DCH	1.3	2.4	9.6	1.91	0.25	7.49	1996.	60.	5.
3149	0000	-781	37.2827	80.1927	DCH	1.3	2.6	9.7	2.04	0.27	7.63	1951.	57.	4.
3150	0000	-780	37.2827	80.1922	DCH	1.2	3.1 +	9.5	2.67	0.32	8.25	1874.	57.	3.
3151	0000	-780	37.2827	80.1917	DCH	1.1	3.0 +	9.5	2.63	0.31	8.43	1826.	55.	2.
3152	0000	-780	37.2827	80.1912	DCH	1.1	2.9 +	9.5	2.71	0.30	8.93	1793.	57.	2.
3153	0000	-778	37.2827	80.1908	DCH	1.0	2.9 +	9.7	2.93	0.30	9.68	1763.	58.	3.
3154	0000	-778	37.2827	80.1903	DCH	1.0	3.0 +	9.3	3.10	0.33 +	9.45	1728.	57.	2.
3155	0000	-779	37.2827	80.1898	DCH	1.0	3.0 +	9.2	3.19	0.33 +	9.63	1677.	56.	3.
3156	0000	-779	37.2827	80.1893	DCH	0.9	3.1 +	8.4	3.62 +	0.37 +	9.70	1612.	57.	4.
3157	0000	-778	37.2827	80.1889	DCH	0.9	2.7	8.1	3.12	0.33 +	9.43	1531.	59.	5.
3158	0000	-778	37.2827	80.1883	DCH	0.8	2.5	7.5	3.28	0.33 +	9.81	1429.	61.	6.
3159	0000	-777	37.2827	80.1878	DCH	0.7	2.2	6.7	3.20	0.34 +	9.55	1320.	62.	7.
3160	0000	-776	37.2827	80.1874	DCH	0.6	2.0	6.4	3.34	0.31	10.65	1214.	61.	8.
3161	0000	-776	37.2827	80.1869	DCH	0.5 -	1.6	6.1	3.23	0.27	12.06	1094.	59.	9.
3162	0000	-777	37.2827	80.1864	DCH	0.4 -	1.4	5.2 -	3.28	0.28	11.80	982.	63.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-777	37.2827	80.1859		DCH	0.4 -	1.2 -	4.4 -	3.39 +	0.27	12.40	882.	65.	10.
3164	0000	-775	37.2827	80.1855		DCH	0.3 -	1.0 -	3.6 -	3.37 +	0.27	12.37	794.	64.	11.
3165	0000	-775	37.2827	80.1850		DCH	0.2	1.0 -	3.1 -	3.88 +	0.31	12.46	736.	62.	11.
3166	0000	-777	37.2827	80.1844		DCH	0.2 --	1.0 -	3.0 -	4.54 +	0.32	14.41 +	688.	59.	11.
3167	0000	-776	37.2827	80.1839		DCH	0.2 --	1.0 -	2.5 --	5.47 ++	0.41 +	13.24 +	640.	60.	10.
3168	0000	-775	37.2827	80.1834		DCH	0.2 --	0.7 --	2.1 --	4.04 +	0.34 +	11.90	614.	63.	11.
3169	0000	-775	37.2827	80.1830		DCH	0.2 --	0.7 --	1.9 --	3.83 +	0.35 +	11.06	594.	62.	11.
3170	0000	-775	37.2827	80.1825		DCH	0.2 --	0.6 --	2.2 --	3.50 +	0.29	12.18	591.	62.	10.
3171	0000	-775	37.2827	80.1820		DCH	0.2 --	0.5 --	2.4 --	2.83	0.22	12.94 +	588.	63.	10.
3172	0000	-774	37.2827	80.1815		DCH	0.2 --	0.6 --	2.5 --	2.97	0.23	13.14 +	591.	62.	9.
3173	0000	-774	37.2827	80.1810		DCH	0.2	0.6 --	2.6 --	2.72	0.23	11.77	600.	59.	9.
3174	0000	-776	37.2827	80.1805		DCH	0.2 --	0.6 --	2.5 --	3.01	0.23	12.80 +	603.	59.	9.
3175	0000	-776	37.2827	80.1801		DCH	0.2 --	0.8 -	2.7 -	4.66 +	0.30	15.39 +	617.	55.	9.
3176	0000	-774	37.2827	80.1796		DCH	0.2 --	0.9 -	2.6 --	5.00 +	0.35 +	14.34 +	625.	54.	9.
3177	0000	-774	37.2827	80.1791		DCH	0.2 --	1.0 -	2.4 --	5.21 ++	0.40 +	12.98 +	621.	53.	8.
3178	0000	-774	37.2827	80.1786		DCH	0.2 --	1.1 -	2.1 --	6.13 ++	0.52 ++	11.86	629.	50.	8.
3179	0000	-774	37.2827	80.1781		DCH	0.2 --	1.0 -	2.2 --	5.81 ++	0.47 ++	12.37	628.	52.	9.
3180	0000	-774	37.2827	80.1776		DCH	0.1 --	1.0 -	2.1 --	7.05 ++	0.50 ++	14.06 +	628.	54.	9.
3181	0000	-774	37.2827	80.1772		DCH	0.2 --	0.9 -	2.4 --	5.07 +	0.39 +	12.96 +	631.	55.	9.
3182	0000	-776	37.2827	80.1767		DCH	0.2 --	1.1 -	2.4 --	5.04 +	0.43 ++	11.60	635.	56.	8.
3183	0000	-776	37.2827	80.1762		DCH	0.2 --	1.1 -	3.0 -	6.16 ++	0.36 +	16.97 +	656.	56.	7.
3184	0000	-776	37.2828	80.1757		DCH	0.2 --	1.0 -	3.5 -	4.65 +	0.27	17.01 +	683.	55.	6.
3185	0000	-774	37.2828	80.1752		DCH	0.2 --	1.1 -	3.9 -	5.20 ++	0.27	19.30 ++	703.	56.	5.
3186	0000	-773	37.2827	80.1747		DCH	0.2 -	1.2 -	4.0 -	5.19 ++	0.29	17.88 +	727.	56.	4.
3187	0000	-772	37.2827	80.1742		DCH	0.3 -	1.2 -	4.5 -	4.13 +	0.26	15.91 +	758.	54.	3.
3188	0000	-774	37.2827	80.1737		DCH	0.3 -	1.4	4.4 -	5.62 ++	0.32	17.33 +	790.	52.	2.
3189	0000	-775	37.2827	80.1733		DCH	0.3 -	1.4 -	4.5 -	4.81 +	0.31	15.56 +	812.	51.	1.
3190	0000	-774	37.2827	80.1728		DCH	0.3 -	1.5	4.4 -	4.80 +	0.34 +	13.96 +	830.	51.	1.
3191	0000	-774	37.2827	80.1723		DCH	0.3 -	1.7	4.5 -	5.72 ++	0.37 +	15.58 +	847.	52.	1.
3192	0000	-775	37.2827	80.1718		DCH	0.3 -	1.7	4.5 -	5.41 ++	0.38 +	14.33 +	863.	52.	2.
3193	0000	-773	37.2827	80.1714		DCH	0.4 -	1.6	4.8 -	4.51 +	0.34 +	13.27 +	873.	52.	2.
3194	0000	-774	37.2827	80.1709		DCH	0.3 -	1.6	4.8 -	5.17 ++	0.34 +	15.05 +	882.	53.	2.
3195	0000	-773	37.2827	80.1703		DCH	0.4 -	1.5	4.6 -	4.03 +	0.33 +	12.32	887.	55.	3.
3196	0000	-772	37.2827	80.1698		DCH	0.4 -	1.6	4.4 -	4.36 +	0.35 +	12.40	912.	56.	4.
3197	0000	-774	37.2828	80.1693		DCH	0.4 -	1.2 -	4.5 -	2.91	0.27	10.80	933.	55.	6.
3198	0000	-774	37.2828	80.1689		DCH	0.5 -	1.0 -	4.6 -	2.03	0.21	9.55	939.	54.	7.
3199	0000	-774	37.2828	80.1684		DCH	0.5 -	1.0 -	4.5 -	2.03	0.22	9.31	955.	51.	8.
3200	0000	-774	37.2828	80.1679		DCH	0.5 -	0.9 -	4.5 -	2.01	0.21	9.52	968.	51.	9.
3201	0000	-774	37.2828	80.1674		DCH	0.5 -	1.0 -	4.2 -	1.88	0.23	8.20	968.	52.	9.
3202	0000	-772	37.2828	80.1670		DCH	0.5 -	1.1 -	4.4 -	2.17	0.24	9.18	981.	50.	9.
3203	0000	-771	37.2828	80.1664		DCH	0.5 -	1.3 -	4.5 -	2.64	0.29	9.19	988.	48.	9.
3204	0000	-771	37.2828	80.1659		DCH	0.4 -	1.5	4.6 -	3.46 +	0.33 +	10.35	973.	50.	8.
3205	0000	-772	37.2827	80.1655		DCH	0.4 -	1.6	4.5 -	3.75 +	0.37 +	10.20	975.	51.	6.
3206	0000	-772	37.2827	80.1650		DCH	0.4 -	1.7	4.6 -	4.01 +	0.38 +	10.67	967.	54.	5.
3207	0000	-773	37.2827	80.1645		DCH	0.4 -	1.8	4.6 -	4.65 +	0.40 +	11.69	967.	55.	4.
3208	0000	-773	37.2827	80.1640		DCH	0.4 -	2.0	4.7 -	5.55 ++	0.43 ++	12.99 +	964.	56.	3.
3209	0000	-771	37.2828	80.1635		DCH	0.4 -	1.9	4.8 -	4.91 +	0.39 +	12.69 +	959.	56.	3.
3210	0000	-771	37.2828	80.1631		DCH	0.4 -	1.6	5.1 -	4.25 +	0.32	13.19 +	940.	57.	2.
3211	0000	-772	37.2828	80.1626		DCH	0.4 -	1.6	5.0 -	4.05 +	0.32	12.72 +	941.	55.	2.
3212	0000	-771	37.2828	80.1621		DCH	0.4 -	1.7	5.3 -	4.71 +	0.33 +	14.42 +	942.	56.	3.
3213	0000	-770	37.2828	80.1616		DCH	0.3 -	1.9	5.1 -	5.92 ++	0.37 +	15.81 +	942.	56.	3.

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FLIGHT LINE 120, 2908 ...B01
FLIGHT LINE 120, 2959 ...C01
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FLIGHT LINE 120, 3061 ...E01
FLIGHT LINE 120, 3112 ...F01
FLIGHT LINE 120, 3163 ...G01
FLIGHT LINE 120, 3214 ...H01
FLIGHT LINE 120, 3265 ...I01
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FLIGHT LINE 140, 52 ...K01
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FLIGHT LINE 140, 154 ...M01
FLIGHT LINE 140, 205 ...A02
FLIGHT LINE 140, 256 ...B02
FLIGHT LINE 140, 307 ...C02
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FLIGHT LINE 140, 409 ...E02
FLIGHT LINE 140, 460 ...F02
FLIGHT LINE 140, 511 ...G02
FLIGHT LINE 140, 562 ...H02
FLIGHT LINE 140, 613 ...I02
FLIGHT LINE 140, 664 ...J02
FLIGHT LINE 140, 715 ...K02
FLIGHT LINE 140, 766 ...L02
FLIGHT LINE 140, 817 ...M02
FLIGHT LINE 140, 868 ...A03
FLIGHT LINE 140, 919 ...B03
FLIGHT LINE 140, 970 ...C03
FLIGHT LINE 140, 1021 ...D03
FLIGHT LINE 140, 1072 ...E03
FLIGHT LINE 140, 1123 ...F03
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FLIGHT LINE 140, 1276 ...I03
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FLIGHT LINE 140, 1378 ...K03
FLIGHT LINE 140, 1429 ...L03
FLIGHT LINE 140, 1480 ...M03
FLIGHT LINE 140, 1531 ...A04
FLIGHT LINE 140, 1582 ...B04
FLIGHT LINE 140, 1633 ...C04
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FLIGHT LINE 140, 1735 ...E04
FLIGHT LINE 140, 1786 ...F04
FLIGHT LINE 140, 1837 ...G04
FLIGHT LINE 140, 1888 ...H04
FLIGHT LINE 140, 1939 ...I04
FLIGHT LINE 140, 1990 ...J04
FLIGHT LINE 140, 2041 ...K04
FLIGHT LINE 140, 2092 ...L04
FLIGHT LINE 140, 2143 ...M04
FLIGHT LINE 140, 2194 ...A05
FLIGHT LINE 140, 2245 ...B05
FLIGHT LINE 140, 2296 ...C05
FLIGHT LINE 140, 2347 ...D05
FLIGHT LINE 140, 2398 ...E05
FLIGHT LINE 140, 2449 ...F05
FLIGHT LINE 140, 2500 ...G05
FLIGHT LINE 140, 2551 ...H05
FLIGHT LINE 140, 2602 ...I05
FLIGHT LINE 140, 2653 ...J05
FLIGHT LINE 140, 2704 ...K05
FLIGHT LINE 140, 2755 ...L05
FLIGHT LINE 140, 2806 ...M05
FLIGHT LINE 140, 2857 ...A06
FLIGHT LINE 140, 2908 ...B06
FLIGHT LINE 140, 2959 ...C06
FLIGHT LINE 140, 3010 ...D06
FLIGHT LINE 140, 3061 ...E06
FLIGHT LINE 140, 3112 ...F06
FLIGHT LINE 140, 3163 ...G06
FLIGHT LINE 140, 3214 ...H06
FLIGHT LINE 140, 3265 ...I06
FLIGHT LINE 140, 3316 ...J06
FLIGHT LINE 140, 3367 ...K06
FLIGHT LINE 140, 3418 ...L06
FLIGHT LINE 160, 1 ...M06
FLIGHT LINE 160, 52 ...A07
FLIGHT LINE 160, 103 ...B07
FLIGHT LINE 160, 154 ...C07
FLIGHT LINE 160, 205 ...D07
FLIGHT LINE 160, 256 ...E07
FLIGHT LINE 160, 307 ...F07
FLIGHT LINE 160, 358 ...G07
FLIGHT LINE 160, 409 ...H07
FLIGHT LINE 160, 460 ...I07
FLIGHT LINE 160, 511 ...J07
FLIGHT LINE 160, 562 ...K07
FLIGHT LINE 160, 613 ...L07
FLIGHT LINE 160, 664 ...M07
FLIGHT LINE 160, 715 ...A08
FLIGHT LINE 160, 766 ...B08
FLIGHT LINE 160, 817 ...C08
FLIGHT LINE 160, 868 ...D08
FLIGHT LINE 160, 919 ...E08
FLIGHT LINE 160, 970 ...F08
FLIGHT LINE 160, 1021 ...G08
FLIGHT LINE 160, 1072 ...H08
FLIGHT LINE 160, 1123 ...I08
FLIGHT LINE 160, 1174 ...J08
FLIGHT LINE 160, 1225 ...K08
FLIGHT LINE 160, 1276 ...L08
FLIGHT LINE 160, 1327 ...M08
FLIGHT LINE 160, 1378 ...A09
FLIGHT LINE 160, 1429 ...B09
FLIGHT LINE 160, 1480 ...C09
FLIGHT LINE 160, 1531 ...D09
FLIGHT LINE 160, 1582 ...E09
FLIGHT LINE 160, 1633 ...F09
FLIGHT LINE 160, 1684 ...G09
FLIGHT LINE 160, 1735 ...H09
FLIGHT LINE 160, 1786 ...I09
FLIGHT LINE 160, 1837 ...J09
FLIGHT LINE 160, 1888 ...K09
FLIGHT LINE 160, 1939 ...L09
FLIGHT LINE 160, 1990 ...M09
FLIGHT LINE 160, 2041 ...A10
FLIGHT LINE 160, 2092 ...B10
FLIGHT LINE 160, 2143 ...C10
FLIGHT LINE 160, 2194 ...D10
FLIGHT LINE 160, 2245 ...E10
FLIGHT LINE 160, 2296 ...F10
FLIGHT LINE 160, 2347 ...G10
FLIGHT LINE 160, 2398 ...H10
FLIGHT LINE 160, 2449 ...I10
FLIGHT LINE 160, 2500 ...J10
FLIGHT LINE 160, 2551 ...K10
FLIGHT LINE 160, 2602 ...L10
FLIGHT LINE 160, 2653 ...M10
FLIGHT LINE 160, 2704 ...A11
FLIGHT LINE 160, 2755 ...B11
FLIGHT LINE 160, 2806 ...C11
FLIGHT LINE 160, 2857 ...D11
FLIGHT LINE 160, 2908 ...E11
FLIGHT LINE 160, 2959 ...F11
FLIGHT LINE 160, 3010 ...G11
FLIGHT LINE 160, 3061 ...H11
FLIGHT LINE 160, 3112 ...I11
FLIGHT LINE 160, 3163 ...J11
FLIGHT LINE 160, 3214 ...K11
FLIGHT LINE 160, 3265 ...L11
FLIGHT LINE 160, 3316 ...M11
FLIGHT LINE 160, 3367 ...A12
FLIGHT LINE 180, 1 ...B12
FLIGHT LINE 180, 52 ...C12
FLIGHT LINE 180, 103 ...D12
FLIGHT LINE 180, 154 ...E12
FLIGHT LINE 180, 205 ...F12
FLIGHT LINE 180, 256 ...G12
FLIGHT LINE 180, 307 ...H12
FLIGHT LINE 180, 358 ...I12
FLIGHT LINE 180, 409 ...J12
FLIGHT LINE 180, 460 ...K12
FLIGHT LINE 180, 511 ...L12
FLIGHT LINE 180, 562 ...M12
FLIGHT LINE 180, 613 ...A13
FLIGHT LINE 180, 664 ...B13
FLIGHT LINE 180, 715 ...C13
FLIGHT LINE 180, 766 ...D13
FLIGHT LINE 180, 817 ...E13
FLIGHT LINE 180, 868 ...F13
FLIGHT LINE 180, 919 ...G13
FLIGHT LINE 180, 970 ...H13
FLIGHT LINE 180, 1021 ...I13
FLIGHT LINE 180, 1072 ...J13
FLIGHT LINE 180, 1123 ...K13
FLIGHT LINE 180, 1174 ...L13
FLIGHT LINE 180, 1225 ...M13
FLIGHT LINE 180, 1276 ...A14
FLIGHT LINE 180, 1327 ...B14
FLIGHT LINE 180, 1378 ...C14
FLIGHT LINE 180, 1429 ...D14
FLIGHT LINE 180, 1480 ...E14
FLIGHT LINE 180, 1531 ...F14
FLIGHT LINE 180, 1582 ...G14
FLIGHT LINE 180, 1633 ...H14
FLIGHT LINE 180, 1684 ...I14
FLIGHT LINE 180, 1735 ...J14
FLIGHT LINE 180, 1786 ...K14
FLIGHT LINE 180, 1837 ...L14
FLIGHT LINE 180, 1888 ...M14
FLIGHT LINE 180, 1939 ...A15
FLIGHT LINE 180, 1990 ...B15
FLIGHT LINE 180, 2041 ...C15
FLIGHT LINE 180, 2092 ...D15
FLIGHT LINE 180, 2143 ...E15
FLIGHT LINE 180, 2194 ...F15
FLIGHT LINE 180, 2245 ...G15
FLIGHT LINE 180, 2296 ...H15
FLIGHT LINE 180, 2347 ...I15
FLIGHT LINE 180, 2398 ...J15
FLIGHT LINE 180, 2449 ...K15
FLIGHT LINE 180, 2500 ...L15
FLIGHT LINE 180, 2551 ...M15
FLIGHT LINE 180, 2602 ...A16
FLIGHT LINE 180, 2653 ...B16
FLIGHT LINE 180, 2704 ...C16
FLIGHT LINE 180, 2755 ...D16
FLIGHT LINE 180, 2806 ...E16
FLIGHT LINE 180, 2857 ...F16
FLIGHT LINE 180, 2908 ...G16
FLIGHT LINE 180, 2959 ...H16
FLIGHT LINE 180, 3010 ...I16
FLIGHT LINE 180, 3061 ...J16
FLIGHT LINE 180, 3112 ...K16
FLIGHT LINE 180, 3163 ...L16

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-772	37.2828	80.1611	DCH	0.3 -	1.7	5.1 -	5.27 ++	0.34 +	15.42 +	927.	55.	4.
3215	0000	-772	37.2828	80.1607	DCH	0.3 -	1.6	5.7	5.31 ++	0.28	18.79 ++	938.	52.	5.
3216	0000	-771	37.2828	80.1602	DCH	0.2 -	1.6	5.7	6.75 ++	0.29	23.54 ++	925.	54.	5.
3217	0000	-772	37.2828	80.1596	DCH	0.3 -	1.5	5.9	5.56 ++	0.25	21.89 ++	932.	54.	6.
3218	0000	-771	37.2828	80.1592	DCH	0.2 -	1.6	5.8	6.29 ++	0.27	23.40 ++	940.	56.	7.
3219	0000	-770	37.2828	80.1587	DCH	0.3 -	1.4	5.6	5.14 ++	0.26	20.00 ++	952.	54.	7.
3220	0000	-772	37.2827	80.1582	DCH	0.3 -	1.2 -	5.5	3.56 +	0.22	16.04 +	969.	54.	7.
3221	0000	-773	37.2828	80.1577	DCH	0.4 -	1.4 -	5.8	3.52 +	0.24	14.91 +	1007.	52.	7.
3222	0000	-772	37.2828	80.1573	DCH	0.4 -	1.5	5.9	3.34	0.25	13.27 +	1043.	54.	6.
3223	0000	-771	37.2828	80.1568	DCH	0.5 -	1.8	6.2	3.49 +	0.28	12.40	1126.	53.	5.
3224	0000	-771	37.2828	80.1562	DCH	0.5 -	2.0	6.5	4.13 +	0.31	13.44 +	1212.	54.	5.
3225	0000	-770	37.2828	80.1557	DCH	0.6 -	2.1	7.0	3.62 +	0.30	12.17	1316.	54.	3.
3226	0000	-770	37.2828	80.1552	DCH	0.6	2.5	7.5	4.28 +	0.34 +	12.74 +	1415.	55.	2.
3227	0000	-771	37.2828	80.1548	DCH	0.7	2.7	8.5	4.02 +	0.32	12.66	1527.	54.	2.
3228	0000	-770	37.2828	80.1543	DCH	0.8	2.7	8.8	3.40 +	0.31	11.03	1624.	55.	1.
3229	0000	-770	37.2828	80.1538	DCH	0.9	2.7	8.7	2.89	0.31	9.46	1696.	57.	1.
3230	0000	-772	37.2828	80.1533	DCH	1.0	2.6	8.8	2.54	0.29	8.66	1752.	55.	2.
3231	0000	-770	37.2828	80.1529	DCH	1.1	2.7 +	8.9	2.54	0.31	8.29	1783.	53.	2.
3232	0000	-769	37.2828	80.1524	DCH	1.1	2.5	9.3	2.24	0.27	8.26	1803.	52.	3.
3233	0000	-770	37.2828	80.1519	DCH	1.2	2.2	9.0	1.82	0.24	7.54	1806.	53.	4.
3234	0000	-769	37.2828	80.1514	DCH	1.2	2.2	9.0	1.88	0.24	7.78	1816.	53.	5.
3235	0000	-768	37.2828	80.1509	DCH	1.1	2.4	8.7	2.16	0.27	7.96	1815.	53.	6.
3236	0000	-768	37.2828	80.1504	DCH	1.1	2.2	8.8	2.03	0.25	8.22	1802.	51.	7.
3237	0000	-768	37.2828	80.1499	DCH	1.0	2.0	8.9	1.96	0.23	8.55	1764.	51.	8.
3238	0000	-767	37.2828	80.1494	DCH	1.0	1.6	8.7	1.58	0.19 -	8.39	1732.	52.	8.
3239	0000	-766	37.2828	80.1490	DCH	1.0	1.8	8.5	1.80	0.21	8.59	1697.	53.	7.
3240	0000	-766	37.2828	80.1485	DCH	1.0	2.1	8.7	2.11	0.24	8.88	1694.	52.	6.
3241	0000	-766	37.2828	80.1480	DCH	1.0	2.1	8.4	2.21	0.25	8.84	1657.	53.	6.
3242	0000	-765	37.2828	80.1475	DCH	0.9	2.1	8.7	2.38	0.24	10.02	1618.	53.	5.
3243	0000	-765	37.2828	80.1470	DCH	0.8	2.2	9.3	2.72	0.24	11.50	1621.	52.	4.
3244	0000	-766	37.2828	80.1465	DCH	0.9	2.2	9.7	2.55	0.23	11.11	1643.	52.	2.
3245	0000	-766	37.2829	80.1461	DCH	0.9	2.3	10.2	2.48	0.23	10.93	1660.	50.	2.
3246	0000	-766	37.2829	80.1455	DCH	0.9	2.3	9.8	2.44	0.23	10.64	1661.	50.	2.
3247	0000	-765	37.2829	80.1451	DCH	0.9	2.2	9.9	2.45	0.22	11.14	1661.	48.	3.
3248	0000	-764	37.2828	80.1446	DCH	0.9	2.0	10.3	2.20	0.19 -	11.53	1662.	47.	3.
3249	0000	-764	37.2828	80.1441	DCH	0.9	2.0	10.1	2.08	0.19	10.72	1655.	46.	4.
3250	0000	-764	37.2828	80.1436	DCH	1.0	2.1	9.3	2.16	0.22	9.75	1629.	47.	5.
3251	0000	-763	37.2828	80.1432	DCH	0.9	1.9	8.8	2.20	0.22	9.92	1588.	47.	7.
3252	0000	-763	37.2828	80.1427	DCH	0.8	2.1	8.1	2.60	0.25	10.19	1543.	46.	7.
3253	0000	-762	37.2828	80.1422	DCH	0.8	1.9	8.1	2.45	0.24	10.23	1491.	45.	7.
3254	0000	-759	37.2828	80.1416	DCH	0.8	1.8	7.8	2.32	0.23	10.23	1420.	44.	7.
3255	0000	-760	37.2828	80.1411	DCH	0.8	1.8	6.8	2.36	0.26	9.00	1354.	43.	7.
3256	0000	-761	37.2828	80.1407	DCH	0.7	1.7	6.5	2.43	0.26	9.36	1300.	42.	7.
3257	0000	-760	37.2828	80.1402	DCH	0.7	1.6	6.6	2.42	0.25	9.78	1269.	40.	6.
3258	0000	-759	37.2829	80.1397	DCH	0.6	1.7	6.2	2.60	0.27	9.64	1233.	41.	6.
3259	0000	-759	37.2829	80.1392	DCH	0.7	1.5	6.1	2.26	0.25	9.12	1223.	44.	6.
3260	0000	-759	37.2829	80.1388	DCH	0.6	1.6	5.8	2.49	0.28	8.95	1243.	43.	7.
3261	0000	-759	37.2829	80.1382	DCH	0.6	1.7	5.9	2.58	0.28	9.08	1270.	44.	8.
3262	0000	-759	37.2829	80.1377	DCH	0.7	1.7	6.4	2.43	0.26	9.26	1325.	45.	8.
3263	0000	-759	37.2828	80.1373	DCH	0.8	1.5	6.9	1.95	0.21	9.22	1394.	46.	9.
3264	0000	-759	37.2828	80.1368	DCH	0.8	1.5	6.9	1.85	0.22	8.54	1455.	48.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	TAGS (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-756	37.2828	80.1363		DCH	0.9	1.4	7.5	1.58	0.19 -	8.22	1515.	48.	10.
3266	0000	-756	37.2828	80.1358		DCH	1.0	1.5	7.9	1.57	0.19 -	8.16	1554.	46.	9.
3267	0000	-757	37.2828	80.1354		DCH	1.1	1.6	8.3	1.49	0.19 -	7.89	1599.	46.	8.
3268	0000	-756	37.2828	80.1349		DCH	1.1	1.4 -	8.3	1.18 -	0.16 -	7.25	1629.	47.	8.
3269	0000	-755	37.2828	80.1344		DCH	1.2	1.3 -	8.6	1.15 -	0.16 -	7.40	1650.	47.	7.
3270	0000	-754	37.2829	80.1339		DCH	1.2	1.4	8.2	1.14 -	0.17 -	6.67	1660.	46.	7.
3271	0000	-753	37.2829	80.1334		DCH	1.2	1.3 -	8.0	1.08 -	0.17 -	6.42	1670.	45.	7.
3272	0000	-752	37.2829	80.1329		DCH	1.2	1.5	7.6	1.25 -	0.20	6.29	1688.	44.	8.
3273	0000	-753	37.2829	80.1325		DCH	1.2	1.6	7.5	1.33 -	0.21	6.40	1701.	45.	9.
3274	0000	-753	37.2829	80.1320		DCH	1.1	1.4 -	7.6	1.23 -	0.18 -	6.77	1673.	46.	10.
3275	0000	-754	37.2829	80.1314		DCH	1.1	1.7	7.6	1.57	0.22	7.15	1643.	45.	11.
3276	0000	-753	37.2829	80.1310		DCH	1.0	1.6	6.9	1.62	0.23	6.90	1589.	46.	12.
3277	0000	-750	37.2829	80.1305		DCH	0.9	1.8	6.5	1.99	0.28	7.22	1525.	46.	12.
3278	0000	-749	37.2829	80.1300		CE	0.8 -	1.8	6.4	2.31 +	0.28	8.09 +	1447.	48.	12.
3279	0000	-750	37.2828	80.1295		CE	0.7 -	1.9	6.7	2.58 +	0.28	9.18 +	1387.	49.	11.
3280	0000	-750	37.2828	80.1291		CE	0.7 -	1.9	6.4	2.75 +	0.29	9.43 +	1329.	49.	11.
3281	0000	-751	37.2828	80.1286		CE	0.6 -	1.8	6.0	2.88 +	0.30	9.48 +	1271.	49.	10.
3282	0000	-752	37.2829	80.1281		CE	0.6 -	1.8	5.7	2.91 +	0.31	9.38 +	1229.	52.	9.
3283	0000	-749	37.2829	80.1275		CE	0.6 -	1.6	5.8	2.56 +	0.28	9.20 +	1188.	50.	9.
3284	0000	-746	37.2829	80.1270		CE	0.6 -	1.4	5.8	2.30 +	0.25	9.37 +	1158.	50.	9.
3285	0000	-734	37.2829	80.1266		CE	0.6 -	1.3	6.0	2.13 +	0.22 -	9.64 +	1162.	51.	9.
3286	0000	-708	37.2829	80.1261		CE	0.6 -	1.1 -	6.0	1.76	0.19 -	9.35 +	1169.	50.	10.
3287	0000	-699	37.2829	80.1256		CE	0.7 -	1.0 -	6.2	1.45	0.16 --	9.32 +	1187.	52.	11.
3288	0000	-728	37.2829	80.1251		CE	0.7 -	1.2 -	6.4	1.67	0.18 -	9.22 +	1226.	51.	13.
3289	0000	-755	37.2829	80.1247		CE	0.7 -	1.1 -	6.6	1.69	0.17 -	9.86 +	1263.	49.	14.
3290	0000	-754	37.2829	80.1242		CE	0.6 -	1.3 -	6.8	2.12 +	0.19 -	11.11 ++	1286.	50.	16.
3291	0000	-749	37.2829	80.1237		CE	0.6 -	1.3	7.1	2.35 +	0.19 -	12.56 ++	1315.	49.	17.
3292	0000	-748	37.2829	80.1232		CE	0.6 -	1.1 -	6.9	1.78	0.16 --	11.44 ++	1311.	48.	19.
3293	0000	-746	37.2829	80.1227		CE	0.6 -	1.0 -	6.8	1.70	0.15 --	11.25 ++	1301.	48.	19.
3294	0000	-746	37.2829	80.1222		CE	0.6 -	1.1 -	6.5	1.84	0.17 -	10.85 +	1291.	48.	18.
3295	0000	-747	37.2829	80.1217		CE	0.6 -	1.1 -	6.8	1.96 +	0.17 --	11.84 ++	1291.	48.	17.
3296	0000	-747	37.2829	80.1212		CE	0.6 -	1.0 -	6.9	1.66	0.14 --	11.54 ++	1287.	48.	16.
3297	0000	-748	37.2829	80.1208		CE	0.7 -	1.0 -	6.9	1.49	0.15 --	9.88 +	1311.	48.	14.
3298	0000	-748	37.2829	80.1203		CE	0.8 -	1.0 -	7.0	1.28	0.14 --	9.17 +	1316.	49.	13.
3299	0000	-742	37.2829	80.1198		CE	0.8 -	1.2 -	7.1	1.46	0.17 -	8.62 +	1357.	48.	12.
3300	0000	-739	37.2829	80.1193		CE	0.8 -	1.4	7.0	1.74	0.20 -	8.80 +	1366.	47.	11.
3301	0000	-743	37.2829	80.1189		CE	0.8 -	1.5	7.3	1.96 +	0.21 -	9.50 +	1376.	45.	10.
3302	0000	-738	37.2829	80.1183		CE	0.8 -	1.7	7.0	2.24 +	0.24	9.22 +	1374.	44.	9.
3303	0000	-726	37.2829	80.1179		CE	0.8 -	1.9	6.6	2.40 +	0.29	8.39 +	1362.	44.	8.
3304	0000	-728	37.2829	80.1174		CE	0.7 -	1.9	6.6	2.64 +	0.29	9.05 +	1347.	44.	7.
3305	0000	-742	37.2829	80.1169		CE	0.7 -	2.0	6.2	2.81 +	0.33	8.62 +	1341.	44.	7.
3306	0000	-753	37.2829	80.1164		CE	0.7 -	2.0	6.0	2.95 +	0.34	8.79 +	1302.	45.	6.
3307	0000	-769	37.2829	80.1159		CE	0.7 -	2.0	6.1	2.66 +	0.32	8.25 +	1279.	47.	5.
3308	0000	-786	37.2829	80.1154		CE	0.8 -	1.9	6.0	2.46 +	0.32	7.66 +	1265.	47.	4.
3309	0000	-786	37.2829	80.1150		CE	0.8 -	2.0	6.0	2.51 +	0.33	7.67 +	1257.	47.	4.
3310	0000	-775	37.2829	80.1145		CE	0.7 -	2.0	6.1	2.69 +	0.32	8.46 +	1260.	46.	4.
3311	0000	-762	37.2829	80.1140		CE	0.7 -	1.9	6.2	2.59 +	0.30	8.56 +	1274.	46.	4.
3312	0000	-750	37.2829	80.1134		CE	0.7 -	2.0	6.7	2.76 +	0.29	9.45 +	1301.	46.	4.
3313	0000	-741	37.2829	80.1130		CE	0.7 -	2.2	6.6	3.27 +	0.34	9.75 +	1337.	45.	4.
3314	0000	-736	37.2829	80.1125		CE	0.6 -	2.1	6.9	3.33 +	0.31	10.75 +	1368.	44.	5.
3315	0000	-732	37.2829	80.1120		CE	0.6 -	2.0	7.0	3.24 +	0.28	11.61 ++	1377.	45.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-729	37.2829	80.1115	CE	0.6 -	1.7	7.5	2.70 +	0.23	11.73 ++	1395.	46.	6.
3317	0000	-726	37.2829	80.1110	CE	0.7 -	1.8	7.4	2.66 +	0.24	11.29 ++	1411.	45.	6.
3318	0000	-726	37.2829	80.1106	CE	0.7 -	2.0	7.6	2.96 +	0.26	11.51 ++	1420.	43.	6.
3319	0000	-727	37.2829	80.1101	CE	0.7 -	1.9	7.4	2.86 +	0.26	11.05 ++	1424.	42.	6.
3320	0000	-724	37.2829	80.1096	CE	0.7 -	1.9	7.8	2.74 +	0.24	11.48 ++	1432.	41.	7.
3321	0000	-722	37.2829	80.1091	CE	0.7 -	1.9	7.6	2.60 +	0.25	10.44 +	1422.	38.	7.
3322	0000	-721	37.2829	80.1086	CE	0.8 -	1.9	7.4	2.52 +	0.26	9.67 +	1432.	38.	8.
3323	0000	-718	37.2829	80.1082	CE	0.8 -	1.8	7.0	2.28 +	0.25	8.95 +	1426.	38.	9.
3324	0000	-715	37.2829	80.1076	CE	0.8 -	1.6	7.2	2.01 +	0.23	8.87 +	1427.	40.	10.
3325	0000	-715	37.2829	80.1072	CE	0.8	1.6	7.1	1.84	0.22 -	8.38 +	1408.	41.	12.
3326	0000	-714	37.2829	80.1067	CE	0.8 -	1.5	7.2	1.79	0.21 -	8.61 +	1391.	45.	12.
3327	0000	-715	37.2829	80.1062	CE	0.8	1.3 -	6.9	1.50	0.18 -	8.19 +	1360.	47.	14.
3328	0000	-717	37.2829	80.1057	CE	0.8 -	1.2 -	6.5	1.45	0.19 -	7.77 +	1346.	48.	14.
3329	0000	-717	37.2829	80.1052	CE	0.8 -	1.3 -	6.6	1.60	0.20 -	7.95 +	1331.	45.	14.
3330	0000	-717	37.2829	80.1047	CE	0.8 -	1.3 -	6.7	1.58	0.19 -	8.26 +	1313.	47.	13.
3331	0000	-719	37.2829	80.1043	CE	0.8 -	1.2 -	6.3	1.52	0.19 -	7.82 +	1294.	47.	13.
3332	0000	-723	37.2829	80.1038	CE	0.8 -	1.1 -	6.2	1.35	0.17 -	7.84 +	1291.	49.	13.
3333	0000	-728	37.2829	80.1033	CE	0.8 -	1.3 -	5.5	1.58	0.23	6.83 +	1276.	48.	12.
3334	0000	-731	37.2829	80.1028	CE	0.8 -	1.3 -	5.7	1.60	0.23	6.92 +	1285.	46.	11.
3335	0000	-730	37.2829	80.1023	CE	0.9	1.3 -	5.7	1.50	0.23	6.60 +	1313.	49.	11.
3336	0000	-726	37.2829	80.1018	CE	0.9	1.3 -	5.7	1.36	0.22 -	6.14	1334.	48.	10.
3337	0000	-721	37.2829	80.1013	CE	1.0	1.3	5.6	1.31	0.24	5.49	1384.	48.	9.
3338	0000	-718	37.2829	80.1009	CE	1.2	1.7	5.5	1.44	0.30	4.73	1447.	48.	8.
3339	0000	-720	37.2829	80.1004	CE	1.3	1.8	5.6	1.37	0.32	4.32	1521.	47.	6.
3340	0000	-719	37.2829	80.0999	CE	1.4	1.6	5.9	1.16	0.28	4.19	1593.	45.	5.
3341	0000	-712	37.2829	80.0994	CE	1.5	1.8	5.8	1.20	0.31	3.91	1634.	44.	4.
3342	0000	-709	37.2829	80.0988	CE	1.5	2.1	6.0	1.39	0.34	4.04	1656.	41.	3.
3343	0000	-708	37.2830	80.0984	CE	1.5	2.3	6.0	1.50	0.38	3.92	1685.	45.	2.
3344	0000	-707	37.2829	80.0979	CE	1.5	2.4	6.4	1.58	0.38	4.16	1716.	44.	2.
3345	0000	-702	37.2829	80.0974	CE	1.6	2.3	7.0	1.47	0.33	4.42	1748.	46.	2.
3346	0000	-686	37.2829	80.0969	CE	1.6	2.6 +	6.8	1.65	0.39	4.24	1784.	46.	2.
3347	0000	-669	37.2829	80.0965	CE	1.7	2.7 +	7.0	1.56	0.38	4.13	1822.	45.	1.
3348	0000	-666	37.2829	80.0960	CE	1.7	2.6 +	7.0	1.48	0.36	4.06	1817.	47.	2.
3349	0000	-675	37.2829	80.0955	CE	1.8	2.4	6.9	1.33	0.35	3.86	1798.	47.	2.
3350	0000	-683	37.2829	80.0950	CE	1.7	2.3	6.8	1.31	0.33	3.91	1758.	47.	2.
3351	0000	-679	37.2829	80.0945	CE	1.7	2.2	5.9	1.29	0.37	3.50	1667.	47.	2.
3352	0000	-665	37.2829	80.0941	CE	1.6	2.1	5.2	1.29	0.40	3.20	1576.	45.	4.
3353	0000	-656	37.2829	80.0936	CE	1.5	1.8	4.8	1.18	0.37	3.17	1466.	47.	5.
3354	0000	-663	37.2829	80.0930	CE	1.3	1.7	4.2 -	1.30	0.41 +	3.16	1366.	50.	6.
3355	0000	-679	37.2830	80.0926	CE	1.3	1.9	4.0 -	1.47	0.46 +	3.20	1340.	50.	6.
3356	0000	-689	37.2830	80.0921	CE	1.2	2.1	4.0 -	1.74	0.51 +	3.39	1352.	48.	7.
3357	0000	-689	37.2830	80.0916	CE	1.2	2.0	3.9 -	1.67	0.52 +	3.24	1355.	47.	7.
3358	0000	-687	37.2829	80.0911	CE	1.2	2.0	4.5 -	1.71	0.45 +	3.77	1378.	44.	8.
3359	0000	-681	37.2829	80.0907	CE	1.1	2.0	4.8	1.71	0.41 +	4.16	1369.	44.	8.
3360	0000	-668	37.2829	80.0902	CE	1.1	1.8	4.9	1.61	0.37	4.39	1364.	42.	8.
3361	0000	-666	37.2829	80.0897	CE	1.1	1.9	5.1	1.68	0.36	4.63	1365.	42.	7.
3362	0000	-675	37.2829	80.0892	CE	1.1	1.8	5.0	1.69	0.36	4.67	1356.	39.	7.
3363	0000	-675	37.2829	80.0887	CE	1.1	1.6	5.0	1.45	0.32	4.53	1336.	42.	6.
3364	0000	-670	37.2829	80.0882	CE	1.1	1.8	4.9	1.71	0.38	4.56	1354.	42.	6.
3365	0000	-671	37.2829	80.0877	CE	1.1	1.9	4.4 -	1.78	0.44 +	4.06	1367.	43.	6.
3366	0000	-676	37.2829	80.0872	CE	1.1	2.1	4.5	1.99 +	0.47 +	4.21	1415.	44.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-679	37.2829	80.0868	CE	1.1	2.2	5.5	1.96 +	0.40	4.92	1475.	43.	5.
3368	0000	-683	37.2830	80.0861	CE	1.1	2.3	5.9	2.08 +	0.39	5.35	1544.	41.	5.
3369	0000	-685	37.2830	80.0855	CE	1.1	2.3	7.2	2.08 +	0.32	6.40 +	1615.	45.	5.
3370	0000	-686	37.2830	80.0849	CE	1.0	2.3	7.9 +	2.21 +	0.29	7.61 +	1672.	43.	6.
3371	0000	-687	37.2830	80.0843	CE	1.0	2.2	8.8 +	2.14 +	0.25	8.50 +	1714.	41.	6.
3372	0000	-687	37.2829	80.0836	CE	1.0	2.5	10.0 ++	2.41 +	0.25	9.82 +	1792.	40.	6.
3373	0000	-686	37.2829	80.0831	CE	1.0	2.5	10.5 ++	2.35 +	0.23	10.04 +	1826.	42.	6.
3374	0000	-686	37.2830	80.0824	CE	1.1	2.5	10.5 ++	2.27 +	0.23	9.72 +	1879.	42.	7.
3375	0000	-685	37.2830	80.0817	CE	1.1	2.3	10.5 ++	2.03 +	0.22 -	9.18 +	1906.	43.	8.
3376	0000	-683	37.2830	80.0812	CE	1.3	2.4	9.9 ++	1.83	0.24	7.69 +	1940.	42.	9.
3377	0000	-684	37.2830	80.0806	CE	1.5	2.4	9.9 ++	1.63	0.24	6.78 +	1981.	43.	9.
3378	0000	-686	37.2830	80.0799	CE	1.5	2.4	9.8 ++	1.52	0.24	6.34 +	2020.	43.	10.
3379	0000	-685	37.2830	80.0793	CE	1.6	2.0	9.3 +	1.21	0.21 -	5.69	2032.	44.	10.
3380	0000	-683	37.2830	80.0787	CE	1.7	2.1	9.4 +	1.24	0.22 -	5.61	2078.	43.	10.
3381	0000	-681	37.2830	80.0780	CE	1.7	2.3	9.2 +	1.36	0.25	5.47	2089.	43.	9.
3382	0000	-680	37.2830	80.0774	CE	1.7	2.3	9.3 +	1.31	0.24	5.39	2087.	42.	8.
3383	0000	-680	37.2830	80.0768	CE	1.6	2.4	9.3 +	1.50	0.26	5.68	2063.	44.	6.
3384	0000	-679	37.2830	80.0761	CE	1.6	2.5 +	9.2 +	1.58	0.27	5.82	2054.	42.	4.
3385	0000	-676	37.2830	80.0756	CE	1.6	2.5	9.0 +	1.60	0.28	5.78	2021.	43.	3.
3386	0000	-671	37.2831	80.0749	CE	1.6	2.6 +	8.8 +	1.71	0.30	5.71	1992.	45.	2.
3387	0000	-668	37.2831	80.0743	CE	1.5	2.5 +	8.4 +	1.63	0.30	5.41	1948.	44.	3.
3388	0000	-671	37.2830	80.0737	CE	1.5	2.4	8.2 +	1.58	0.29	5.36	1918.	43.	3.
3389	0000	-675	37.2830	80.0731	CE	1.6	2.4	8.2 +	1.53	0.30	5.11	1931.	42.	3.
3390	0000	-676	37.2830	80.0724	CE	1.6	2.1	7.9	1.27	0.26	4.80	1920.	41.	4.
3391	0000	-675	37.2830	80.0718	CE	1.7	2.0	7.5	1.18	0.27	4.43	1890.	44.	5.
3392	0000	-675	37.2830	80.0712	CE	1.7	2.0	7.3	1.17	0.28	4.22	1896.	44.	5.
3393	0000	-674	37.2831	80.0705	CE	1.8	1.9	7.2	1.08	0.27	4.05	1909.	45.	5.
3394	0000	-672	37.2831	80.0699	CE	1.9	1.7	7.8	0.92	0.22 -	4.18	1916.	45.	5.
3395	0000	-670	37.2831	80.0693	CE	1.9	1.7	7.4	0.91	0.23	3.92	1903.	45.	5.
3396	0000	-669	37.2831	80.0687	CE	1.9	1.6	7.4	0.85	0.21 -	3.99	1870.	45.	5.
3397	0000	-667	37.2831	80.0681	CE	1.8	1.5	7.5	0.81	0.20 -	4.05	1861.	44.	6.
3398	0000	-665	37.2831	80.0674	CE	1.8	1.4	7.6	0.77	0.18 -	4.17	1853.	42.	6.
3399	0000	-664	37.2831	80.0668	CE	1.8	1.2 -	7.9 +	0.63	0.15 --	4.33	1843.	40.	7.
3400	0000	-666	37.2831	80.0662	CE	1.8	1.1 -	7.7	0.65	0.15 --	4.35	1804.	40.	9.
3401	0000	-671	37.2831	80.0656	CE	1.7	1.1 -	7.0	0.67	0.16 --	4.16	1766.	43.	10.
3402	0000	-673	37.2831	80.0649	CE	1.7	1.2 -	7.2	0.74	0.17 -	4.33	1751.	44.	10.
3403	0000	-673	37.2831	80.0644	CE	1.7	1.1 -	7.1	0.64	0.15 --	4.27	1734.	45.	11.
3404	0000	-671	37.2831	80.0637	CE	1.6	1.0 -	7.0	0.61 -	0.14 --	4.25	1705.	47.	11.
3405	0000	-667	37.2831	80.0630	CE	1.6	1.0 -	6.4	0.64	0.16 --	3.96	1675.	47.	11.
3406	0000	-666	37.2831	80.0625	CE	1.6	1.1 -	6.1	0.72	0.18 -	3.92	1627.	48.	11.
3407	0000	-667	37.2831	80.0619	CE	1.5	1.2 -	6.2	0.75	0.19 -	4.02	1593.	46.	9.
3408	0000	-667	37.2831	80.0612	CE	1.5	1.1 -	6.4	0.78	0.18 -	4.29	1558.	44.	7.
3409	0000	-666	37.2831	80.0606	CE	1.4	1.0 -	5.9	0.73	0.17 -	4.20	1488.	45.	7.
3410	0000	-664	37.2831	80.0599	CE	1.3	1.3 -	5.9	0.99	0.22 -	4.54	1427.	46.	5.
3411	0000	-665	37.2832	80.0593	CE	1.2	1.6	5.6	1.26	0.28	4.48	1377.	46.	4.
3412	0000	-674	37.2832	80.0587	CE	1.1	1.6	5.4	1.38	0.29	4.76	1331.	44.	3.
3413	0000	-681	37.2832	80.0581	CE	1.1	1.8	5.2	1.71	0.35	4.90	1287.	46.	2.
3414	0000	-674	37.2831	80.0575	CE	0.9	1.8	5.0	1.96 +	0.36	5.37	1244.	47.	2.
3415	0000	-658	37.2831	80.0569	CE	0.9	1.9	4.5	2.16 +	0.42 +	5.09	1208.	48.	3.
3416	0000	-651	37.2831	80.0562	CE	0.9	1.8	4.8	1.98 +	0.37	5.36	1192.	48.	3.
3417	0000	-655	37.2831	80.0556	CE	0.9	1.7	4.9	1.94	0.36	5.46	1179.	46.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 180, DAY 294 PAGE 626

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-659	37.2832	80.0550		CE	0.8	1.7	5.0	2.04 +	0.35	5.87	1169.	47.	5.
3419	0000	-660	37.2832	80.0544		CE	0.8 -	1.6	5.0	1.96 +	0.32	6.13	1165.	46.	6.
3420	0000	-658	37.2832	80.0538		CE	0.8 -	1.4	4.9	1.79	0.29	6.09	1163.	46.	6.
3421	0000	-654	37.2832	80.0531		CE	0.9	1.4	5.0	1.59	0.27	5.89	1174.	46.	7.
3422	0000	-652	37.2832	80.0525		CE	0.8 -	1.4	5.1	1.71	0.28	6.08	1184.	44.	7.
3423	0000	-656	37.2832	80.0519		CE	0.8 -	1.5	4.9	1.86	0.31	5.94	1209.	42.	7.
3424	0000	-660	37.2832	80.0513		CE	0.8 -	1.6	4.8	1.92	0.34	5.73	1228.	42.	7.
3425	0000	-662	37.2832	80.0506		CE	0.8 -	1.6	5.0	1.87	0.31	5.96	1251.	42.	6.
3426	0000	-663	37.2832	80.0500		CE	0.8 -	2.0	5.5	2.32 +	0.35	6.54 +	1274.	46.	5.
3427	0000	-663	37.2832	80.0494		CE	0.9	2.0	5.7	2.24 +	0.35	6.40 +	1300.	45.	4.
3428	0000	-662	37.2832	80.0487		CE	0.9	2.2	5.7	2.48 +	0.39	6.38 +	1317.	44.	3.
3429	0000	-666	37.2832	80.0482		CE	0.9	2.2	6.1	2.29 +	0.36	6.43 +	1346.	45.	2.
3430	0000	-675	37.2832	80.0475		CE	1.0	2.2	6.4	2.28 +	0.34	6.66 +	1370.	46.	2.
3431	0000	-681	37.2832	80.0469		CE	1.0	2.3	6.8	2.31 +	0.34	6.80 +	1396.	47.	1.
3432	0000	-683	37.2832	80.0463		CE	1.0	2.4	6.6	2.32 +	0.36	6.47 +	1411.	46.	1.
3433	0000	-679	37.2832	80.0456		CE	1.1	2.3	6.4	2.17 +	0.36	6.05	1442.	44.	2.
3434	0000	-670	37.2832	80.0450		CE	1.0	2.3	6.5	2.21 +	0.35	6.33 +	1457.	44.	3.
3435	0000	-663	37.2832	80.0444		CE	1.0	2.1	7.0	2.14 +	0.30	7.04 +	1473.	45.	4.
3436	0000	-660	37.2832	80.0438		CE	0.9	2.3	6.8	2.55 +	0.33	7.64 +	1475.	46.	5.
3437	0000	-658	37.2832	80.0431		CE	0.9	2.2	6.7	2.56 +	0.33	7.74 +	1471.	46.	5.
3438	0000	-654	37.2832	80.0426		CE	0.8 -	2.2	6.3	2.57 +	0.34	7.45 +	1458.	46.	6.
3439	0000	-651	37.2832	80.0419		CE	0.8	2.1	6.5	2.49 +	0.33	7.65 +	1448.	44.	6.
3440	0000	-647	37.2832	80.0412		CE	0.8 -	2.1	6.6	2.57 +	0.32	8.03 +	1422.	45.	6.
3441	0000	-645	37.2832	80.0407		CE	0.8 -	2.1	6.4	2.63 +	0.33	7.98 +	1408.	46.	6.
3442	0000	-643	37.2832	80.0401		CE	0.9	2.3	6.4	2.71 +	0.36	7.50 +	1417.	45.	5.
3443	0000	-642	37.2833	80.0394		CE	0.9	2.5 +	6.8	2.81 +	0.37	7.51 +	1439.	44.	4.
3444	0000	-642	37.2833	80.0388		CE	0.9	2.7 +	7.0	2.99 +	0.38	7.81 +	1458.	46.	4.
3445	0000	-645	37.2833	80.0382		CE	0.8 -	3.0 +	7.3	3.61 ++	0.42 +	8.68 +	1488.	45.	3.
3446	0000	-647	37.2833	80.0376		CE	0.8 -	3.1 +	7.7	3.68 ++	0.40	9.27 +	1522.	47.	3.
3447	0000	-648	37.2833	80.0369		CE	0.8 -	3.0 +	8.4 +	3.85 ++	0.36	10.60 +	1550.	47.	2.
3448	0000	-650	37.2832	80.0363		CE	0.8 -	3.0 +	8.7 +	3.76 ++	0.35	10.90 ++	1572.	48.	2.
3449	0000	-649	37.2833	80.0357		CE	0.8 -	2.9 +	8.7 +	3.64 ++	0.34	10.74 +	1577.	48.	2.
3450	0000	-650	37.2833	80.0351		CE	0.9	2.7 +	8.4 +	3.12 +	0.32	9.59 +	1575.	46.	3.
3451	0000	-654	37.2833	80.0344		CE	0.9	2.5	8.2 +	2.70 +	0.30	8.93 +	1574.	46.	4.
3452	0000	-655	37.2833	80.0338		CE	1.0	2.0	7.9 +	2.06 +	0.25	8.09 +	1551.	46.	6.
3453	0000	-657	37.2833	80.0332		CE	1.0	1.9	7.4	1.91	0.26	7.37 +	1532.	46.	7.
3454	0000	-662	37.2833	80.0326		CE	1.1	1.7	6.7	1.56	0.25	6.13	1523.	45.	8.
3455	0000	-666	37.2833	80.0319		CE	1.1	1.6	6.5	1.41	0.24	5.76	1531.	44.	9.
3456	0000	-665	37.2833	80.0314		CE	1.2	1.5	6.1	1.23	0.24	5.20	1555.	46.	10.
3457	0000	-663	37.2833	80.0307		CE	1.3	1.4	6.2	1.07	0.22 -	4.87	1597.	46.	10.
3458	0000	-659	37.2833	80.0300		CE	1.4	1.6	6.4	1.17	0.25	4.63	1659.	44.	9.
3459	0000	-654	37.2833	80.0295		CE	1.6	1.8	6.7	1.07	0.26	4.06	1806.	44.	8.
3460	0000	-650	37.2833	80.0289		CE	2.0	1.8	7.1	0.94	0.26	3.66	1980.	43.	7.
3461	0000	-645	37.2833	80.0282		CE	2.2	2.0	7.2	0.89	0.28	3.20	2132.	44.	6.
3462	0000	-641	37.2834	80.0276		CE	2.5	2.3	7.3	0.93	0.32	2.94	2287.	41.	4.
3463	0000	-642	37.2834	80.0269		CE	2.8	2.4	7.6	0.87	0.32	2.72	2439.	41.	4.
3464	0000	-644	37.2833	80.0264		CE	3.0	2.4	8.1 +	0.79	0.30	2.67	2593.	42.	3.
3465	0000	-644	37.2833	80.0257		CE	3.3 +	2.4	8.0 +	0.73	0.30	2.45	2721.	42.	4.
3466	0000	-644	37.2833	80.0251		CE	3.3 +	2.4	8.1 +	0.73	0.30	2.44	2764.	42.	4.
3467	0000	-645	37.2833	80.0246		CE	3.3 +	2.5	8.0 +	0.74	0.31	2.39	2767.	41.	5.
3468	0000	-644	37.2834	80.0239		CE	3.3 +	2.4	8.5 +	0.74	0.29	2.58	2786.	41.	6.

CP 9 IP 12

CP 9 IP 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-642	37.2834	80.0232		CE	3.3 +	2.1	8.8 +	0.65	0.24	2.71	2761.	43.	8.
3470	0000	-641	37.2834	80.0226		CE	3.1 +	2.2	8.7 +	0.68	0.25	2.76	2728.	43.	9.
3471	0000	-638	37.2834	80.0220		CE	3.0	2.3	8.6 +	0.79	0.27	2.90	2670.	43.	9.
3472	0000	-635	37.2834	80.0214		CE	2.8	2.3	9.0 +	0.83	0.26	3.23	2601.	43.	9.
3473	0000	-636	37.2834	80.0208		CE	2.6	2.3	9.0 +	0.87	0.25	3.42	2528.	45.	9.
3474	0000	-639	37.2834	80.0201		CE	2.5	2.1	9.0 +	0.84	0.24	3.54	2481.	47.	9.
3475	0000	-638	37.2834	80.0195		CE	2.5	2.3	8.8 +	0.89	0.26	3.47	2462.	46.	9.
3476	0000	-636	37.2834	80.0189		CE	2.5	2.5 +	8.0 +	1.02	0.31	3.24	2442.	46.	8.
3477	0000	-638	37.2834	80.0183		CE	2.5	2.6 +	8.1 +	1.07	0.33	3.28	2418.	46.	6.
3478	0000	-638	37.2834	80.0176		CE	2.5	2.6 +	7.7	1.07	0.34	3.13	2404.	46.	5.
3479	0000	-637	37.2834	80.0170		CE	2.6	2.6 +	7.4	0.99	0.35	2.84	2414.	44.	4.
3480	0000	-637	37.2834	80.0164		CE	2.7	2.7 +	7.3	1.02	0.38	2.73	2463.	44.	3.
3481	0000	-636	37.2834	80.0157		CE	2.7	3.0 +	7.5	1.08	0.39	2.75	2493.	43.	2.
3482	0000	-635	37.2834	80.0152		CE	2.7	3.0 +	7.8	1.10	0.38	2.86	2484.	41.	1.
3483	0000	-635	37.2834	80.0145		CE	2.7	2.8 +	8.4 +	1.04	0.34	3.11	2470.	41.	0.
3484	0000	-635	37.2834	80.0139		CE	2.7	2.6 +	8.5 +	0.96	0.30	3.22	2434.	39.	0.
3485	0000	-635	37.2834	80.0133		CE	2.6	2.4	8.5 +	0.91	0.28	3.24	2372.	39.	1.
3486	0000	-636	37.2834	80.0126		CE	2.4	2.4	8.1 +	1.01	0.29	3.44	2266.	39.	2.
3487	0000	-636	37.2834	80.0120		CE	2.2	2.	7.6	0.96	0.28	3.45	2130.	38.	3.
3488	0000	-637	37.2834	80.0114		CE	2.0	1.9	7.6	0.94	0.25	3.75	2025.	38.	4.
3489	0000	-638	37.2834	80.0108		CE	1.9	1.8	7.3	0.97	0.25	3.83	1947.	41.	5.
3490	0000	-637	37.2834	80.0101		CE	1.9	1.9	7.2	0.99	0.26	3.81	1924.	40.	6.
3491	0000	-636	37.2834	80.0096		CE	1.9	1.9	6.9	1.00	0.28	3.59	1918.	41.	7.
3492	0000	-634	37.2834	80.0089		CE	2.0	2.1	6.6	1.05	0.31	3.36	1964.	41.	7.
3493	0000	-633	37.2835	80.0082		CE	2.1	2.2	6.7	1.06	0.33	3.22	2038.	45.	7.
3494	0000	-631	37.2835	80.0077		CE	2.2	2.3	7.3	1.02	0.31	3.25	2141.	47.	8.
3495	0000	-629	37.2835	80.0070		CE	2.4	2.3	7.0	0.98	0.33	2.96	2215.	47.	8.
3496	0000	-627	37.2835	80.0064		CE	2.4	2.3	7.0	0.93	0.32	2.88	2271.	46.	8.
3497	0000	-627	37.2835	80.0058		CE	2.4	2.2	7.1	0.89	0.31	2.88	2293.	46.	9.
3498	0000	-627	37.2835	80.0052		CE	2.4	2.3	7.2	0.99	0.32	3.08	2287.	45.	9.
3499	0000	-627	37.2835	80.0045		CE	2.3	2.1	7.9	0.94	0.27	3.49	2251.	45.	9.
3500	0000	-629	37.2835	80.0039		CE	2.2	1.9	8.3 +	0.88	0.23	3.85	2198.	43.	9.
3501	0000	-628	37.2835	80.0033		CE	2.0	1.9	8.5 +	0.95	0.23 -	4.22	2136.	43.	8.
3502	0000	-627	37.2835	80.0026		CE	1.8	2.1	8.7 +	1.18	0.25	4.78	2093.	43.	6.
3503	0000	-627	37.2835	80.0021		CE	1.8	2.1	8.7 +	1.18	0.25	4.78	2093.	43.	6.
3504	0000	-626	37.2835	80.0014		CE	1.8	2.1	8.7 +	1.18	0.25	4.78	2093.	43.	6.
3505	0000	-628	37.2835	80.0009		CE	1.8	2.1	8.7 +	1.18	0.25	4.78	2093.	43.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200 DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	[illegible]OSS CPS	COS CPS	UAIR CPS
1	0000	-600	37.1882	80.0011	PCV-2	2.0	1.6	7.0	0.82	0.23	3.55	[illegible]78.	42.	17.
2	0000	-575	37.1882	80.0016	PCV-2	2.0	1.6	7.0	0.82	0.23	3.55	2078.	42.	17.
3	0000	-553	37.1883	80.0023	PCV-2	2.0	1.6	7.0	0.82	0.23	3.55	2078.	42.	17.
4	0000	-536	37.1883	80.0030	PCV-2	2.0	1.6	7.0	0.82	0.23	3.55	2078.	42.	17.
5	0000	-520	37.1884	80.0036	PCV-2	2.1	1.7	6.6 -	0.80	0.26	3.12	2111.	42.	18.
6	0000	-503	37.1884	80.0042	PCV-2	2.1	1.6	6.3 -	0.76	0.26	2.95 -	2107.	45.	18.
7	0000	-489	37.1884	80.0048	PCV-2	2.1	1.5	6.5 -	0.69	0.23	3.02 -	2095.	46.	17.
8	0000	-478	37.1884	80.0055	PCV-2	2.1	1.6	6.5 -	0.73	0.24	3.04 -	2059.	45.	16.
9	0000	-472	37.1885	80.0061	PCV-1	2.0 +	1.5 +	5.8 +	0.76 +	0.27	2.86 +	1980.	47.	15.
10	0000	-470	37.1885	80.0067	PCV-1	2.0 +	1.7 +	5.6 +	0.87 +	0.31	2.78 +	1938.	50.	13.
11	0000	-471	37.1886	80.0073	PCV-1	1.9	2.0 ++	5.4 +	1.03 +	0.37	2.79 +	1936.	50.	11.
12	0000	-475	37.1886	80.0079	PCV-1	1.9	1.9 +	5.5 +	0.98 +	0.34	2.85 +	1929.	51.	10.
13	0000	-484	37.1886	80.0085	PCV-1	1.9	2.1 ++	5.4 +	1.12 +	0.39	2.87 +	1952.	50.	9.
14	0000	-492	37.1887	80.0092	PCV-1	1.9	2.1 ++	5.5 +	1.10 +	0.38	2.91 +	1932.	52.	9.
15	0000	-496	37.1887	80.0098	PCV-1	1.8	2.0 ++	5.0 +	1.10 +	0.39	2.78 +	1868.	52.	9.
16	0000	-499	37.1888	80.0104	PCV-1	1.8	1.8 +	4.9 +	0.98 +	0.36	2.72	1825.	51.	10.
17	0000	-504	37.1888	80.0110	PCV-1	1.8	1.5 +	4.6	0.82 +	0.32	2.57	1772.	50.	12.
18	0000	-512	37.1889	80.0117	PCV-1	1.7	1.4 +	4.5	0.80 +	0.31	2.57	1706.	49.	13.
19	0000	-521	37.1889	80.0124	PCV-1	1.7	1.3 +	4.0	0.78 +	0.32	2.43	1631.	48.	13.
20	0000	-532	37.1889	80.0129	PCV-1	1.6	1.0	4.1	0.62	0.24	2.57	1549.	49.	14.
21	0000	-541	37.1889	80.0135	PCV-1	1.6	0.8	3.8	0.51	0.21	2.41	1487.	49.	14.
22	0000	-548	37.1890	80.0142	PCV-1	1.5	0.9	3.5	0.56	0.25	2.27	1444.	51.	14.
23	0000	-556	37.1890	80.0148	PCV-1	1.5	0.7	3.7	0.49	0.20	2.50	1422.	51.	14.
24	0000	-565	37.1890	80.0155	PCV-1	1.4	0.8	3.7	0.55	0.21	2.61	1416.	50.	14.
25	0000	-574	37.1891	80.0161	PCV-1	1.4	0.7	3.7	0.53	0.20	2.65	1419.	50.	14.
26	0000	-583	37.1891	80.0167	PCV-1	1.4	0.7	3.9	0.47	0.17	2.81 +	1431.	49.	14.
27	0000	-590	37.1892	80.0173	PCV-1	1.5	0.5	4.4	0.37	0.12 -	3.03 +	1478.	46.	14.
28	0000	-597	37.1892	80.0180	PCV-1	1.5	0.8	4.5	0.52	0.17	3.03 +	1553.	44.	14.
29	0000	-605	37.1892	80.0186	PCV-1	1.5	0.8	5.1 +	0.52	0.16 -	3.32 +	1615.	42.	13.
30	0000	-612	37.1892	80.0192	PCV-1	1.5	1.2	5.4 +	0.78 +	0.22	3.49 +	1675.	44.	12.
31	0000	-618	37.1893	80.0199	PCV-1	1.6	[illegible]3 +	6.0 +	0.80 +	0.22	3.67 ++	1723.	46.	10.
32	0000	-621	37.1893	80.0205	PCV-2	1.7 -	[illegible]	6.7 -	0.88	0.22	4.01	1772.	46.	9.
33	0000	-623	37.1894	80.0211	PCV-2	1.8	[illegible]	7.0	1.06 +	0.27	4.00	1842.	48.	7.
34	0000	-624	37.1894	80.0217	PCV-2	1.8	2.	7.2	1.12 +	0.28 +	3.98	1872.	48.	7.
35	0000	-621	37.1894	80.0224	PCV-2	1.7 -	2.1	7.5	1.20 +	0.28 +	4.30	1824.	50.	5.
36	0000	-617	37.1895	80.0230	PCV-2	1.7 -	2.1	7.4	1.23 +	0.28 +	4.35	1780.	52.	5.
37	0000	-614	37.1895	80.0236	PCV-2	1.7 -	1.7	7.4	1.04 +	0.24	4.37	1735.	50.	5.
38	0000	-608	37.1896	80.0242	PCV-2	1.6 -	1.7	7.2	1.02 +	0.23	4.44	1707.	49.	6.
39	0000	-602	37.1896	80.0249	PCV-2	1.7 -	1.4	7.2	0.86	0.20	4.28	1741.	48.	7.
40	0000	-598	37.1897	80.0255	PCV-2	1.7 -	1.3	7.3	0.77	0.18	4.38	1751.	49.	8.
41	0000	-593	37.1897	80.0261	PCV-2	1.7 -	1.0	7.2	0.60	0.15	4.15	1770.	50.	10.
42	0000	-590	37.1897	80.0267	PCV-2	1.8	0.7 -	7.3	0.39 -	0.10 -	4.04	1820.	48.	12.
43	0010	-587	37.1897	80.0274	PCV-2	1.8	0.4 N.A.	7.9	0.22 N.A.	0.05 N.A.	4.28	1862.	47.	13.
44	0010	-583	37.1898	80.0280	PCV-2	1.9	0.3 N.A.	7.9	0.19 N.A.	0.04 N.A.	4.23	1886.	49.	14.
45	0010	-580	37.1898	80.0286	PCV-2	1.9	0.3 N.A.	7.8	0.17 N.A.	0.04 N.A.	4.11	1896.	50.	15.
46	0010	-577	37.1898	80.0292	PCV-2	1.8	0.2 N.A.	7.2	0.10 N.A.	0.03 N.A.	3.92	1847.	50.	16.
47	0010	-573	37.1899	80.0299	PCV-2	1.8	0.2 N.A.	6.8 -	0.11 N.A.	0.03 N.A.	3.80	1799.	48.	15.
48	0010	-569	37.1899	80.0304	PCV-2	1.7 -	0.2 N.A.	6.7 -	0.14 N.A.	0.04 N.A.	3.84	1766.	48.	15.
49	0010	-564	37.1900	80.0311	PCV-2	1.8 -	0.3 N.A.	6.3 -	0.17 N.A.	0.05 N.A.	3.60	1739.	48.	14.
50	0000	-559	37.1900	80.0317	PCV-1	1.8	0.5 -	5.7 +	0.26 -	0.08 --	3.12 +	1762.	47.	13.
51	0000	-554	37.1900	80.0324	PCV-1	1.9	0.7	5.5 +	0.36	0.12 -	2.93 +	1787.	47.	12.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-549	37.1900	80.0330	PCV-1	2.0 +	0.7	5.3 +	0.37	0.14 -	2.68	1805.	47.	11.
53	0000	-543	37.1901	80.0336	PCV-1	2.1 +	1.0	5.6 +	0.47	0.18	2.63	1866.	48.	10.
54	0000	-537	37.1901	80.0343	PCV-1	2.3 ++	1.1	5.7 +	0.50	0.20	2.51	1949.	48.	9.
55	0000	-536	37.1902	80.0349	PCV-1	2.4 ++	1.4 +	5.8 +	0.57	0.23	2.45	2011.	49.	8.
56	0000	-540	37.1902	80.0355	PCV-2	2.5	1.4	6.1 -	0.54	0.22	2.48 -	2069.	51.	8.
57	0000	-542	37.1902	80.0361	PCV-2	2.5	1.5	6.1 -	0.60	0.24	2.45 -	2090.	51.	8.
58	0000	-542	37.1903	80.0368	PCV-1	2.5 ++	1.5 +	6.0 +	0.61	0.26	2.40	2072.	52.	8.
59	0000	-539	37.1903	80.0373	PCV-1	2.4 ++	1.5 +	5.8 +	0.65	0.26	2.47	2022.	51.	9.
60	0000	-532	37.1904	80.0380	PCV-1	2.3 ++	1.4 +	5.5 +	0.62	0.26	2.39	1961.	48.	9.
61	0000	-526	37.1904	80.0386	PCV-1	2.2 +	1.3 +	4.9 +	0.57	0.26	2.22	1859.	47.	11.
62	0000	-522	37.1905	80.0393	PCV-1	2.1 +	1.0	4.3	0.46	0.23	2.00	1769.	46.	13.
63	0000	-523	37.1905	80.0398	PCV-1	2.1 +	1.1	3.7	0.54	0.30	1.81	1682.	46.	14.
64	0000	-537	37.1905	80.0405	PCV-1	1.9	0.9	3.3	0.47	0.27	1.72	1607.	46.	16.
65	0000	-562	37.1905	80.0412	PCV-1	1.9	0.8	3.6	0.41	0.21	1.90	1568.	46.	17.
66	0000	-589	37.1906	80.0418	PCV-1	1.9	0.6	3.8	0.34	0.17	2.03	1569.	47.	17.
67	0010	-615	37.1907	80.0424	PCV-1	1.8	0.4 N.A.	4.0	0.22 N.A.	0.10 N.A.	2.22	1539.	52.	18.
68	0010	-638	37.1907	80.0430	PCV-1	1.7	0.3 N.A.	4.6	0.17 N.A.	0.07 N.A.	2.67	1542.	54.	17.
69	0000	-657	37.1907	80.0437	PCV-1	1.7	0.8	5.0 +	0.48	0.16 -	3.02 +	1552.	53.	15.
70	0000	-672	37.1907	80.0442	PCV-1	1.7	0.9	5.3 +	0.53	0.16	3.21 +	1581.	52.	14.
71	0000	-682	37.1908	80.0449	PCV-1	1.7	1.2 +	5.5 +	0.73	0.23	3.26 +	1628.	52.	11.
72	0000	-689	37.1908	80.0455	PCV-1	1.8	1.4 +	5.6 +	0.81 +	0.25	3.18 +	1717.	50.	9.
73	0000	-696	37.1909	80.0462	PCV-2	1.8	1.7	6.3 -	0.96	0.27 +	3.48	1814.	50.	7.
74	0000	-700	37.1909	80.0467	PCV-2	1.8	2.1	6.4 -	1.15 +	0.33 +	3.49	1901.	49.	5.
75	0000	-702	37.1909	80.0474	PCV-2	1.9	2.5 +	6.7 -	1.34 +	0.38 +	3.54	1966.	48.	4.
76	0000	-705	37.1909	80.0480	PCV-2	1.9	2.4 +	7.0	1.22 +	0.34 +	3.58	2018.	50.	3.
77	0000	-704	37.1910	80.0486	PCV-2	2.0	2.6 +	7.2	1.30 +	0.36 +	3.63	2067.	50.	2.
78	0000	-702	37.1911	80.0492	PCV-2	2.0	2.4 +	7.5	1.20 +	0.32 +	3.77	2058.	52.	2.
79	0000	-701	37.1911	80.0499	PCV-2	2.0	2.3 +	7.4	1.13 +	0.31 +	3.68	2016.	55.	2.
80	0000	-699	37.1911	80.0506	PCV-2	2.0	2.1	6.7 -	1.03 +	0.31 +	3.33	1919.	55.	3.
81	0000	-695	37.1911	80.0511	PCV-2	2.0	1.9	6.1 -	0.96	0.32 +	3.03 -	1820.	54.	4.
82	0000	-691	37.1912	80.0517	PCV-1	2.0	1.6 +	5.4 +	0.79 +	0.29	2.76	1732.	53.	5.
83	0000	-686	37.1912	80.0524	PCV-1	1.9	1.4 +	4.5	0.74	0.31	2.34	1634.	53.	5.
84	0000	-684	37.1913	80.0531	PCV-1	1.8	1.1	3.9	0.60	0.28	2.19	1506.	53.	6.
85	0000	-687	37.1913	80.0536	PCV-1	1.6	1.0	3.4	0.64	0.31	2.07	1402.	51.	6.
86	0000	-688	37.1913	80.0543	PCV-1	1.5	1.2	2.8	0.78 +	0.41	1.88	1299.	48.	6.
87	0000	-687	37.1913	80.0549	PCV-1	1.4	1.2	2.6	0.85 +	0.45 +	1.88	1250.	46.	5.
88	0000	-686	37.1914	80.0555	PCV-1	1.3 -	1.1	3.1	0.83 +	0.35	2.36	1225.	45.	5.
89	0000	-683	37.1915	80.0561	PCV-1	1.2 -	1.2	3.1	0.99 +	0.39	2.56	1203.	45.	5.
90	0000	-675	37.1915	80.0568	PCV-1	1.2 -	1.2	3.2	1.04 +	0.38	2.76 +	1181.	44.	5.
91	0000	-666	37.1915	80.0574	PCV-1	1.2 -	1.2	2.9	0.99 +	0.40	2.44	1194.	43.	5.
92	0000	-658	37.1915	80.0580	PCV-1	1.3 -	1.1	2.9	0.84 +	0.37	2.28	1226.	44.	7.
93	0000	-652	37.1916	80.0586	PCV-1	1.4 -	1.0	3.2	0.70	0.30	2.36	1292.	45.	8.
94	0000	-650	37.1916	80.0593	PCV-1	1.5	0.9	3.1	0.63	0.30	2.11	1348.	47.	9.
95	0000	-650	37.1917	80.0599	PCV-1	1.6	0.8	2.9	0.49	0.27	1.85	1400.	48.	10.
96	0000	-648	37.1917	80.0605	PCV-1	1.8	0.6	3.0	0.32	0.19	1.68	1458.	47.	12.
97	0000	-646	37.1917	80.0612	PCV-1	1.9	0.6	3.2	0.33	0.19	1.70	1551.	47.	13.
98	0000	-647	37.1917	80.0618	PCV-1	2.0 +	0.8	4.4	0.38	0.18	2.13	1653.	48.	12.
99	0000	-650	37.1918	80.0624	PCV-1	2.1 +	0.8	5.2 +	0.37	0.15 -	2.48	1754.	47.	12.
100	0000	-652	37.1918	80.0630	PCV-1	2.1 +	0.8	5.7 +	0.39	0.14 -	2.68	1827.	45.	12.
101	0000	-654	37.1918	80.0637	PCV-2	2.2	1.0	6.5 -	0.47 -	0.16	3.02 -	1885.	44.	12.
102	0000	-654	37.1919	80.0643	PCV-2	2.2	1.2	6.6 -	0.56	0.18	3.03 -	1948.	44.	11.

CP 9 LP 12

CP 9 LP 12

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-650	37.1919	80.0649	PCV-2	2.2	1.1	7.0	0.53	0.16	3.25	2001.	43.	11.
104	0000	-647	37.1920	80.0655	PCV-2	2.2	1.0	7.5	0.47 -	0.14	3.46	2016.	42.	10.
105	0000	-645	37.1920	80.0662	PCV-2	2.1	1.0 -	6.8	0.46 -	0.14	3.23	1969.	44.	10.
106	0000	-645	37.1920	80.0668	PCV-2	2.1	1.1	6.3 -	0.52	0.17	3.06 -	1894.	44.	10.
107	0000	-645	37.1920	80.0674	PCV-1	2.1 +	1.1	5.6 +	0.51	0.19	2.68	1820.	45.	9.
108	0000	-647	37.1921	80.0680	PCV-1	2.1 +	0.9	5.1 +	0.43	0.17	2.48	1757.	45.	8.
109	0000	-657	37.1921	80.0687	PCV-1	1.9	1.0	4.7	0.51	0.21	2.41	1674.	44.	7.
110	0000	-667	37.1922	80.0693	PCV-1	1.9	1.1	3.9	0.62	0.29	2.11	1568.	44.	6.
111	0000	-672	37.1922	80.0699	PCV-1	1.8	1.2 +	3.2	0.69	0.38	1.80	1469.	46.	6.
112	0000	-673	37.1922	80.0705	PCV-1	1.7	1.2 +	2.8	0.73	0.45 +	1.62	1394.	46.	6.
113	0000	-670	37.1923	80.0712	PCV-1	1.7	1.1	2.2	0.64	0.50 +	1.27	1363.	47.	6.
114	0000	-661	37.1923	80.0718	PCV-1	1.7	1.1	2.2	0.66	0.51 +	1.29	1341.	46.	6.
115	0000	-650	37.1924	80.0724	PCV-1	1.7	1.1	1.9 -	0.64	0.57 +	1.14 -	1301.	47.	7.
116	0000	-636	37.1924	80.0731	PCV-1	1.7	0.9	1.8 -	0.54	0.49 +	1.09 -	1277.	48.	7.
117	0000	-623	37.1925	80.0737	PCV-1	1.7	0.8	2.0	0.47	0.41	1.16 -	1292.	49.	8.
118	0000	-617	37.1925	80.0743	PCV-1	1.7	0.8	1.9 -	0.47	0.42 +	1.12 -	1288.	50.	8.
119	0000	-618	37.1925	80.0749	PCV-1	1.7	0.8	2.1	0.49	0.39	1.24	1309.	50.	8.
120	0000	-618	37.1925	80.0756	PCV-1	1.6	0.8	2.1	0.48	0.37	1.31	1286.	48.	8.
121	0000	-611	37.1926	80.0762	PCV-1	1.6	0.7	1.9 -	0.45	0.38	1.19 -	1260.	49.	9.
122	0000	-598	37.1927	80.0768	PCV-1	1.6	0.8	1.8 -	0.49	0.45 +	1.10 -	1253.	48.	8.
123	0000	-585	37.1927	80.0774	PCV-1	1.6	0.9	1.7 -	0.58	0.54 +	1.08 -	1253.	49.	7.
124	0000	-579	37.1927	80.0780	PCV-1	1.6	1.0	1.6 -	0.63	0.61 +	1.03 -	1223.	50.	6.
125	0000	-584	37.1927	80.0787	PCV-1	1.5	1.2	1.5 -	0.77 +	0.79 ++	0.97 -	1214.	47.	5.
126	0000	-592	37.1928	80.0793	PCV-1	1.5	1.2	1.6 -	0.79 +	0.75 ++	1.05 -	1194.	47.	5.
127	0000	-598	37.1928	80.0799	PCV-1	1.4	1.5 +	1.5 -	1.04 +	1.00 ++	1.04 -	1183.	49.	3.
128	0000	-601	37.1929	80.0806	PCV-1	1.4	1.6 +	1.9 -	1.12 +	0.85 ++	1.32	1188.	47.	2.
129	0000	-604	37.1929	80.0812	PCV-1	1.3 -	1.6 +	1.9 -	1.19 ++	0.89 ++	1.41	1169.	48.	2.
130	0000	-615	37.1929	80.0818	PCV-1	1.2 -	1.5 +	2.1	1.26 ++	0.71 ++	1.77	1143.	46.	2.
131	0000	-629	37.1929	80.0825	PCV-1	1.2 -	1.6 +	2.3	1.38 ++	0.71 ++	1.94	1126.	45.	2.
132	0000	-636	37.1930	80.0831	PCV-	1.2 -	1.3 +	2.6	1.14 +	0.51 +	2.24	1101.	49.	2.
133	0000	-633	37.1931	80.0837	PCV-1	1.1 -	1.2 +	2.6	1.08 +	0.48 +	2.26	1088.	50.	2.
134	0000	-627	37.1931	80.0843	PCV-1	1.1 -	1.0	2.8	0.86 +	0.35	2.49	1083.	47.	3.
135	0000	-629	37.1931	80.0849	PCV-1	1.1 -	0.9	2.8	0.83 +	0.33	2.55	1068.	49.	5.
136	0000	-642	37.1931	80.0856	PCV-1	1.2 -	0.7	3.1	0.63	0.23	2.72	1098.	47.	7.
137	0000	-655	37.1932	80.0862	PCV-1	1.3 -	0.5 -	3.2	0.39	0.16 -	2.43	1154.	49.	8.
138	0000	-670	37.1932	80.0868	PCV-1	1.4	0.7	3.5	0.47	0.19	2.46	1230.	49.	9.
139	0000	-684	37.1932	80.0874	PCV-1	1.5	0.8	3.5	0.52	0.22	2.35	1323.	43.	10.
140	0000	-691	37.1933	80.0881	PCV-1	1.6	0.8	3.9	0.50	0.21	2.40	1425.	42.	10.
141	0000	-695	37.1933	80.0887	PCV-1	1.8	0.9	4.1	0.49	0.21	2.31	1535.	42.	11.
142	0000	-697	37.1933	80.0893	PCV-1	2.0	1.0	4.3	0.52	0.24	2.21	1632.	41.	11.
143	0000	-701	37.1934	80.0898	PCV-1	2.1 +	1.2	4.2	0.57	0.28	2.06	1700.	43.	10.
144	0000	-707	37.1934	80.0903	PCV-1	2.1 +	1.3 +	4.0	0.60	0.32	1.89	1747.	42.	10.
145	0000	-711	37.1934	80.0908	PCV-1	2.2 +	1.1	3.9	0.52	0.29	1.77	1780.	43.	10.
146	0000	-715	37.1935	80.0913	PCV-1	2.3 ++	1.0	4.0	0.42	0.24	1.75	1809.	48.	10.
147	0000	-720	37.1935	80.0917	PCV-1	2.3 ++	1.0	3.9	0.44	0.26	1.68	1847.	47.	10.
148	0000	-722	37.1935	80.0922	PCV-1	2.4 ++	1.2	4.2	0.51	0.29	1.76	1910.	48.	10.
149	0000	-722	37.1935	80.0927	PCV-1	2.6 +++	1.1	4.5	0.43	0.25	1.75	1987.	49.	9.
150	0000	-720	37.1935	80.0932	PCV-1	2.6 +++	1.3 +	5.2 +	0.50	0.25	1.96	2064.	50.	9.
151	0000	-716	37.1935	80.0937	PCV-2	2.7 +	1.3	6.1 -	0.48	0.21	2.27 --	2157.	51.	8.
152	0000	-710	37.1935	80.0941	PCV-2	2.8 +	1.4	6.7 -	0.52	0.21	2.43 --	2235.	50.	7.
153	0000	-706	37.1935	80.0946	PCV-2	2.8 +	1.9	7.2	0.66	0.26	2.52 -	2303.	49.	5.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-704	37.1936	80.0951	PCV-2	2.9 +	2.1	7.7	0.72	0.27	2.67 -	2352.	49.	4.
155	0000	-701	37.1936	80.0956	PCV-2	3.0 +	1.9	8.4	0.64	0.23	2.83 -	2389.	50.	3.
156	0000	-698	37.1936	80.0961	PCV-2	2.9 +	2.0	8.6	0.70	0.23	3.01 -	2409.	49.	2.
157	0000	-697	37.1937	80.0965	PCV-2	2.9 +	1.9	8.8	0.65	0.21	3.03 -	2410.	49.	1.
158	0000	-695	37.1937	80.0970	PCV-2	2.8 +	1.9	9.0	0.65	0.21	3.18	2392.	50.	1.
159	0000	-692	37.1937	80.0975	PCV-2	2.9 +	1.7	9.6	0.60	0.18	3.32	2403.	52.	1.
160	0000	-691	37.1937	80.0980	PCV-2	2.9 +	1.5	9.8	0.52	0.15	3.34	2431.	52.	1.
161	0000	-692	37.1937	80.0985	PCV-2	3.0 +	1.4	10.2 +	0.48	0.14	3.44	2464.	52.	1.
162	0000	-693	37.1937	80.0989	PCV-2	2.9 +	1.7	10.1 +	0.57	0.16	3.44	2480.	52.	1.
163	0000	-692	37.1937	80.0994	PCV-2	3.0 +	1.6	10.5 +	0.55	0.16	3.51	2505.	52.	2.
164	0000	-691	37.1937	80.0999	PCV-2	3.0 +	1.6	10.6 +	0.53	0.15	3.54	2530.	51.	3.
165	0000	-691	37.1938	80.1003	PCV-2	3.0 ++	1.7	10.2 +	0.56	0.17	3.38	2538.	51.	3.
166	0000	-689	37.1938	80.1009	PCV-2	3.0 ++	1.6	10.0	0.52	0.16	3.30	2549.	49.	5.
167	0000	-689	37.1938	80.1013	PCV-2	3.1 ++	1.5	10.0	0.50	0.15	3.27	2556.	46.	6.
168	0000	-690	37.1939	80.1019	PCV-2	3.0 ++	1.4	9.7	0.47 -	0.15	3.20	2542.	47.	7.
169	0000	-687	37.1939	80.1023	PCV-2	3.1 ++	1.1	9.2	0.37 -	0.12	2.96 -	2509.	47.	8.
170	0000	-684	37.1939	80.1028	PCV-2	3.0 ++	1.2	8.7	0.41 -	0.14	2.89 -	2462.	47.	8.
171	0000	-683	37.1939	80.1033	PCV-2	3.0 ++	1.1	8.3	0.38 -	0.14	2.74 -	2435.	48.	8.
172	0000	-682	37.1939	80.1037	PCV-2	3.0 +	1.1	8.1	0.39 -	0.14	2.74 -	2406.	48.	9.
173	0000	-683	37.1940	80.1042	PCV-2	2.9 +	1.1	8.0	0.38 -	0.14	2.76 -	2371.	49.	8.
174	0000	-684	37.1940	80.1047	PCV-2	2.8 +	1.1	8.1	0.40 -	0.14	2.92 -	2326.	48.	8.
175	0000	-682	37.1940	80.1051	PCV-2	2.8 +	1.0 -	7.7	0.36 -	0.13	2.76 -	2290.	46.	7.
176	0000	-681	37.1940	80.1057	PCV-2	2.6 +	1.2	7.7	0.44 -	0.15	2.90 -	2258.	46.	7.
177	0000	-681	37.1940	80.1062	PCV-2	2.6 +	0.9 -	7.3	0.34 -	0.12	2.79 -	2219.	46.	8.
178	0000	-679	37.1940	80.1066	PCV-2	2.5	1.0 -	7.3	0.39 -	0.14	2.91 -	2168.	46.	8.
179	0000	-677	37.1941	80.1071	PCV-2	2.5	0.8 -	6.9	0.34 -	0.13	2.74 -	2140.	43.	8.
180	0000	-677	37.1941	80.1076	PCV-2	2.4	1.2	6.1 -	0.48	0.19	2.52 -	2102.	43.	9.
181	0000	-676	37.1941	80.1081	PCV-1	2.4 ++	1.2 +	5.5 +	0.51	0.22	2.29	2081.	46.	9.
182	0000	-675	37.1941	80.1085	PCV-1	2.3 ++	1.4 +	5.5 +	0.61	0.26	2.34	2051.	46.	9.
183	0000	-675	37.1942	80.1090	PCV-1	2.4 ++	1.3 +	5.5 +	0.56	0.24	2.32	2033.	45.	10.
184	0000	-674	37.1942	80.1096	PCV-1	2.3 ++	1.4 +	5.4 +	0.60	0.26	2.32	2014.	48.	9.
185	0000	-674	37.1942	80.1099	PCV-1	2.4 ++	1.3 +	5.6 +	0.57	0.24	2.38	2015.	47.	9.
186	0000	-674	37.1942	80.1105	PCV-2	2.3	1.5	6.4 -	0.65	0.24	2.73 -	2026.	50.	8.
187	0000	-674	37.1942	80.1110	PCV-2	2.4	1.2	7.0	0.49	0.17	2.94 -	2037.	51.	8.
188	0000	-675	37.1942	80.1114	PCV-2	2.4	1.0 -	7.1	0.42 -	0.14	2.98 -	2038.	52.	8.
189	0000	-674	37.1942	80.1119	PCV-2	2.4	0.9 -	7.2	0.35 -	0.12 -	2.97 -	2066.	52.	8.
190	0000	-672	37.1943	80.1124	PCV-2	2.4	0.9 -	7.4	0.36 -	0.12	3.01 -	2077.	52.	8.
191	0000	-673	37.1943	80.1128	PCV-2	2.5	0.8 -	8.0	0.32 --	0.10 -	3.18	2120.	49.	6.
192	0000	-673	37.1943	80.1133	PCV-2	2.5	1.0	7.8	0.41 -	0.13	3.16	2112.	50.	5.
193	0000	-671	37.1943	80.1138	CCH	2.4 ++	1.0 -	7.5	0.42 -	0.13 -	3.12 -	2079.	47.	5.
194	0000	-670	37.1944	80.1144	CCH	2.3 ++	1.3	6.9 -	0.57 -	0.19	3.03 -	2016.	47.	3.
195	0000	-670	37.1944	80.1148	CCH	2.2 +	1.5	6.8 -	0.68 -	0.22	3.13 -	1943.	46.	2.
196	0000	-670	37.1944	80.1153	CCH	2.1 +	1.5	6.6 -	0.73 -	0.23	3.17 -	1867.	47.	1.
197	0000	-669	37.1944	80.1158	CCH	2.0 +	1.5	6.1 -	0.74	0.24 +	3.06 -	1803.	48.	1.
198	0000	-669	37.1945	80.1162	CCH	1.9	1.7	5.6 -	0.92	0.31 ++	3.02 -	1742.	50.	0.
199	0000	-670	37.1945	80.1167	CCH	1.9	1.6	5.3 --	0.86	0.31 ++	2.77 --	1743.	51.	2.
200	0000	-670	37.1945	80.1172	CCH	2.0 +	1.5	4.8 --	0.78	0.32 ++	2.41 --	1753.	53.	3.
201	0000	-670	37.1945	80.1177	CCH	2.1 +	1.2 -	5.1 --	0.59 -	0.24 +	2.45 --	1787.	55.	5.
202	0000	-670	37.1945	80.1181	CCH	2.1 +	1.0 -	5.3 --	0.46 -	0.18	2.53 --	1827.	56.	7.
203	0000	-670	37.1945	80.1186	CCH	2.1 +	0.8 --	5.4 --	0.36 -	0.14 -	2.56 --	1835.	58.	8.
204	0000	-670	37.1945	80.1192	CCH	2.1 +	0.7 --	5.5 --	0.31 -	0.12 -	2.58 --	1847.	56.	10.

CP 9 IP 12

CP 9 IP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0010	-670	37.1946	80.1196		CCH	2.1 +	0.4 N.A.	5.5 --	0.21 N.A.	0.08 N.A.	2.57 --	1824.	56.	11.
206	0010	-670	37.1946	80.1201		CCH	2.1 +	0.1 N.A.	5.7 -	0.04 N.A.	0.01 N.A.	2.73 --	1782.	55.	11.
207	0010	-670	37.1946	80.1206		CCH	2.0 +	0.1 N.A.	5.7 -	0.04 N.A.	0.02 N.A.	2.87 -	1736.	54.	11.
208	0010	-669	37.1946	80.1210		CCH	1.9	0.2 N.A.	5.4 --	0.13 N.A.	0.05 N.A.	2.87 -	1683.	52.	10.
209	0000	-668	37.1947	80.1215		CCH	1.8	0.4 --	4.9 --	0.20 --	0.08 --	2.70 --	1626.	53.	9.
210	0000	-669	37.1947	80.1220		CCH	1.8	0.5 --	4.6 --	0.30 --	0.12 -	2.61 --	1601.	50.	9.
211	0000	-672	37.1947	80.1225		CCH	1.7	0.6 --	4.8 --	0.38 -	0.13 -	2.81 -	1591.	51.	8.
212	0000	-673	37.1947	80.1229		CCH	1.8	0.6 --	4.9 --	0.32 -	0.11 -	2.80 -	1639.	51.	7.
213	0000	-675	37.1947	80.1235		CCH	1.8	0.9 -	5.2 --	0.50 -	0.17	2.87 -	1691.	51.	6.
214	0000	-678	37.1947	80.1239		CCH	1.9	1.0 -	5.9 -	0.53 -	0.17	3.20 -	1748.	56.	6.
215	0000	-679	37.1947	80.1244		CCH	1.9	1.0 -	6.3 -	0.55 -	0.16	3.31 -	1803.	55.	5.
216	0000	-680	37.1948	80.1249		CCH	1.9 +	1.1 -	7.0 -	0.59 -	0.16	3.62 -	1868.	55.	5.
217	0000	-683	37.1948	80.1254		CCH	2.0 +	1.4	7.4	0.69 -	0.18	3.79 -	1925.	56.	5.
218	0000	-686	37.1948	80.1259		CCH	2.0 +	1.5	7.4	0.76	0.20	3.79 -	1944.	57.	4.
219	0000	-686	37.1948	80.1263		CCH	1.9 +	1.6	7.7	0.84	0.21	4.02 -	1914.	57.	4.
220	0000	-686	37.1949	80.1268		CCH	1.8	1.5	7.8	0.81	0.19	4.35 -	1872.	55.	4.
221	0000	-688	37.1949	80.1273		CCH	1.7	1.5	7.2 -	0.90	0.21	4.34 -	1816.	53.	5.
222	0000	-688	37.1949	80.1277		CCH	1.6	1.5	7.0 -	0.92	0.21	4.37 -	1768.	54.	5.
223	0000	-689	37.1949	80.1283		CCH	1.6	1.5	6.9 -	0.98	0.22	4.37 -	1756.	55.	5.
224	0000	-689	37.1950	80.1287		CCH	1.5	1.4	6.9 -	0.94	0.21	4.49	1751.	56.	6.
225	0000	-689	37.1950	80.1292		CCH	1.6	1.2 -	7.0 -	0.77	0.17	4.49	1778.	54.	6.
226	0000	-690	37.1950	80.1297		CCH	1.6	1.4	7.1 -	0.89	0.20	4.49	1818.	56.	6.
227	0000	-691	37.1950	80.1302		CCH	1.6	1.8	7.0 -	1.08	0.25 +	4.27 -	1874.	59.	5.
228	0000	-690	37.1950	80.1307		CCH	1.8	1.7	7.7	0.95	0.22	4.32 -	1948.	59.	5.
229	0000	-692	37.1950	80.1311		CCH	1.9	1.8	8.5	0.99	0.22	4.60	2025.	60.	5.
230	0000	-693	37.1950	80.1316		CCH	1.9	1.8	9.0	0.95	0.20	4.70	2052.	60.	4.
231	0000	-693	37.1951	80.1321		CCH	1.9	2.1	9.3	1.12	0.23	4.93	2065.	59.	3.
232	0000	-692	37.1951	80.1326		CCH	1.8	2.3 +	9.3	1.23	0.24 +	5.07	2071.	62.	2.
233	0000	-692	37.1951	80.1331		CCH	1.8	2.0	9.7	1.14	0.21	5.46	2035.	63.	2.
234	0000	-691	37.1951	80.1335		CCH	1.7	1.9	9.8	1.12	0.20	5.76	1971.	60.	1.
235	0000	-691	37.1952	80.1340		CCH	1.6	2.0	9.6	1.24	0.21	5.97	1907.	59.	1.
236	0000	-690	37.1952	80.1345		CCH	1.5	1.9	9.4	1.26	0.20	6.15	1841.	57.	1.
237	0000	-691	37.1952	80.1350		CCH	1.5	1.9	8.8	1.29	0.21	6.05	1765.	59.	1.
238	0000	-692	37.1952	80.1355		CCH	1.4	1.5	8.4	1.05	0.18	5.85	1702.	58.	1.
239	0000	-693	37.1952	80.1359		CCH	1.4	1.5	8.3	1.06	0.18	5.97	1627.	59.	1.
240	0000	-693	37.1952	80.1364		CCH	1.4	1.6	7.6	1.16	0.22	5.35	1595.	57.	1.
241	0000	-693	37.1952	80.1369		CCH	1.4	1.4	7.1 -	0.99	0.20	5.07	1556.	60.	3.
242	0000	-693	37.1953	80.1374		CCH	1.3	1.4	6.9 -	1.00	0.20	5.14	1530.	61.	3.
243	0000	-695	37.1953	80.1379		CCH	1.3	1.2 -	6.6 -	0.93	0.18	5.08	1506.	64.	4.
244	0000	-697	37.1953	80.1383		CCH	1.3	1.2 -	6.8 -	0.90	0.17	5.17	1531.	62.	4.
245	0000	-697	37.1953	80.1389		CCH	1.3	1.4	6.7 -	1.06	0.21	5.02	1560.	64.	4.
246	0000	-698	37.1954	80.1393		CCH	1.4	1.4	6.8 -	1.05	0.21	5.00	1600.	62.	4.
247	0000	-698	37.1954	80.1398		CCH	1.4	1.3	7.4	0.93	0.18	5.21	1634.	64.	4.
248	0000	-698	37.1954	80.1403		CCH	1.5	1.5	7.8	1.02	0.19	5.35	1705.	65.	3.
249	0000	-697	37.1954	80.1407		CCH	1.5	1.5	8.2	1.02	0.18	5.53	1761.	67.	3.
250	0000	-699	37.1954	80.1412		CCH	1.6	1.6	8.6	1.01	0.18	5.52	1809.	66.	2.
251	0000	-700	37.1954	80.1417		CCH	1.5	1.6	8.7	1.05	0.19	5.63	1820.	66.	3.
252	0000	-699	37.1954	80.1422		CCH	1.5	1.6	9.1	1.05	0.17	6.15	1818.	68.	2.
253	0000	-699	37.1955	80.1427		CCH	1.4	1.6	9.4	1.09	0.17	6.54	1804.	68.	2.
254	0000	-701	37.1955	80.1432		CCH	1.4	1.7	9.2	1.24	0.18	6.70	1793.	71.	1.
255	0000	-700	37.1955	80.1437		CCH	1.3	1.8	9.1	1.38	0.20	6.85	1769.	69.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-700	37.1955	80.1441	CCH	1.3	1.8	8.8	1.40	0.21	6.65	1757.	69.	1.
257	0000	-701	37.1956	80.1446	CCH	1.3	2.0	8.3	1.58	0.24 +	6.53	1736.	74.	0.
258	0000	-701	37.1956	80.1451	CCH	1.3	2.0	8.7	1.56	0.23	6.76	1740.	74.	0.
259	0000	-701	37.1956	80.1456	CCH	1.3	1.9	8.7	1.41	0.22	6.45	1745.	76.	0.
260	0000	-701	37.1957	80.1460	CCH	1.3	1.9	9.2	1.43	0.20	6.99	1772.	76.	0.
261	0000	-701	37.1957	80.1465	CCH	1.3	2.1	9.5	1.53	0.22	7.06	1795.	72.	0.
262	0000	-701	37.1957	80.1470	CCH	1.4	1.9	10.0	1.41	0.19	7.35	1820.	72.	0.
263	0000	-702	37.1957	80.1474	CCH	1.4	2.0	10.2	1.45	0.19	7.50	1849.	71.	0.
264	0000	-702	37.1957	80.1480	CCH	1.3	2.0	10.7	1.47	0.19	7.96 +	1883.	67.	0.
265	0000	-700	37.1957	80.1485	CCH	1.4	2.0	10.7	1.41	0.18	7.64 +	1913.	64.	0.
266	0000	-699	37.1957	80.1490	CCH	1.4	2.1	10.8 +	1.45	0.19	7.61	1944.	63.	0.
267	0000	-699	37.1957	80.1494	CCH	1.5	2.3 +	9.9	1.55	0.23	6.83	1960.	62.	1.
268	0000	-699	37.1958	80.1499	CCH	1.6	1.9	10.2	1.25	0.19	6.54	1987.	61.	1.
269	0000	-699	37.1958	80.1504	CCH	1.6	2.0	9.6	1.30	0.21	6.14	2006.	62.	1.
270	0000	-698	37.1958	80.1508	CCH	1.6	2.2 +	9.7	1.36	0.22	6.07	2037.	62.	1.
271	0000	-698	37.1958	80.1513	CCH	1.7	2.2 +	9.5	1.28	0.23	5.64	2063.	61.	1.
272	0000	-698	37.1959	80.1519	CCH	1.7	1.9	9.7	1.14	0.20	5.81	2080.	60.	2.
273	0000	-697	37.1959	80.1522	CCH	1.7	2.1	10.0	1.27	0.21	6.06	2104.	56.	2.
274	0000	-698	37.1959	80.1528	CCH	1.7	2.2 +	9.9	1.30	0.22	5.95	2137.	55.	2.
275	0000	-697	37.1959	80.1533	CCH	1.6	2.3 +	9.6	1.45	0.24	6.15	2136.	55.	3.
276	0000	-696	37.1959	80.1537	CCH	1.6	2.2 +	10.1	1.38	0.22	6.20	2167.	54.	4.
277	0000	-697	37.1959	80.1542	CCH	1.6	2.3 +	10.2	1.40	0.22	6.30	2138.	53.	4.
278	0000	-698	37.1959	80.1547	CCH	1.6	2.2 +	10.3	1.39	0.21	6.52	2113.	53.	5.
279	0000	-695	37.1960	80.1552	CCH	1.5	2.5 +	9.8	1.66 +	0.26 +	6.51	2055.	53.	5.
280	0000	-694	37.1960	80.1556	CCH	1.5	2.5 +	8.8	1.69 +	0.28 +	6.00	1971.	55.	5.
281	0000	-695	37.1960	80.1561	CCH	1.4	2.2 +	8.9	1.58	0.25 +	6.39	1876.	57.	5.
282	0000	-694	37.1960	80.1567	CCH	1.4	2.2 +	8.6	1.57	0.25 +	6.30	1817.	59.	4.
283	0000	-693	37.1961	80.1570	CCH	1.3	2.1 +	8.8	1.70 +	0.24 +	6.98	1756.	58.	4.
284	0000	-695	37.1961	80.1576	CCH	1.2 -	2.0	8.6	1.66 +	0.23	7.17	1726.	57.	5.
285	0000	-696	37.1961	80.1581	CCH	1.2 -	1.9	8.6	1.55	0.22	7.15	1729.	56.	6.
286	0000	-697	37.1962	80.1585	CCH	1.3	1.9	8.6	1.44	0.21	6.70	1784.	56.	7.
287	0000	-696	37.1962	80.1590	CCH	1.4	1.4	10.0	1.01	0.14 -	7.22	1862.	55.	9.
288	0000	-697	37.1962	80.1595	CCH	1.5	1.1 -	10.8 +	0.74	0.11 -	7.02	1967.	53.	11.
289	0000	-697	37.1962	80.1599	CCH	1.7	0.7 --	11.6 +	0.43 -	0.06 --	6.78	2072.	54.	13.
290	1010	-697	37.1962	80.1604	CCH	1.9	0.0 N.A.	11.9 +	0.02 N.A.	0.00 N.A.	6.39	2174.	53.	15.
291	1010	-696	37.1962	80.1609	CCH	2.0 +	0.0 N.A.	11.6 +	0.0 N.A.	0.0 N.A.	5.70	2233.	55.	16.
292	1010	-696	37.1962	80.1615	CCH	2.0 +	0.0 N.A.	11.5 +	0.0 N.A.	0.0 N.A.	5.69	2245.	55.	16.
293	1010	-696	37.1962	80.1618	CCH	2.0 +	0.0 N.A.	11.9 +	0.0 N.A.	0.0 N.A.	6.05	2196.	54.	16.
294	1010	-695	37.1963	80.1624	CCH	1.8	0.2 N.A.	11.6 +	0.09 N.A.	0.01 N.A.	6.38	2135.	55.	14.
295	1000	-695	37.1963	80.1629	CCH	1.6	0.6 --	11.0 +	0.38 -	0.06 --	6.70	2041.	56.	11.
296	0000	-696	37.1963	80.1633	CCH	1.5	1.1 -	10.3	0.76	0.11 -	6.89	1939.	56.	9.
297	0000	-696	37.1964	80.1638	CCH	1.3	1.8	9.6	1.33	0.19	7.15	1820.	56.	7.
298	0000	-695	37.1964	80.1643	CCH	1.2 -	2.0	9.8	1.64 +	0.20	8.08 +	1742.	54.	5.
299	0000	-695	37.1964	80.1647	CCH	1.2 -	2.1	10.1	1.79 +	0.21	8.72 +	1693.	57.	4.
300	0000	-696	37.1964	80.1652	CCH	1.1 -	2.2 +	10.1	2.02 ++	0.22	9.26 ++	1677.	53.	3.
301	0000	-696	37.1964	80.1657	CCH	1.1 -	2.1	9.7	1.85 +	0.22	8.49 +	1659.	55.	3.
302	0000	-697	37.1964	80.1663	CCH	1.2 -	1.7	9.6	1.48	0.18	8.19 +	1625.	54.	4.
303	0000	-697	37.1964	80.1667	CCH	1.1 -	1.7	9.9	1.54	0.17	9.11 +	1584.	53.	4.
304	0000	-699	37.1964	80.1672	CCH	1.0 -	1.5	9.8	1.44	0.15	9.47 ++	1526.	55.	4.
305	0000	-700	37.1965	80.1677	CCH	1.0 -	1.3	9.8	1.31	0.13 -	10.07 ++	1482.	55.	3.
306	0000	-699	37.1965	80.1681	CCH	0.9 -	1.3	8.8	1.37	0.15	9.27 ++	1424.	54.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-699	37.1965	80.1686		CCH	0.9 -	1.2 -	8.3	1.32	0.15	9.12 +	1379.	58.	2.
308	0000	-700	37.1966	80.1691		CCH	0.8 --	1.2 -	7.7	1.50	0.16	9.57 ++	1331.	57.	2.
309	0000	-700	37.1966	80.1696		CCH	0.7 --	1.5	7.3	2.00 +	0.20	9.92 ++	1295.	59.	1.
310	0000	-699	37.1965	80.1700		CCH	0.8 --	1.5	6.8 -	1.92 +	0.22	8.83 +	1284.	58.	1.
311	0000	-699	37.1966	80.1705		CCH	0.8 --	1.7	6.4 -	2.20 ++	0.26 +	8.40 +	1298.	57.	0.
312	0000	-700	37.1966	80.1710		CCH	0.8 --	1.9	6.2 -	2.41 ++	0.30 ++	8.04 +	1296.	57.	0.
313	0000	-700	37.1966	80.1715		CCH	0.8 --	1.8	6.4 -	2.43 ++	0.29 ++	8.39 +	1320.	59.	0.
314	0000	-699	37.1967	80.1720		CCH	0.8 --	1.8	6.3 -	2.23 ++	0.29 ++	7.67 +	1346.	59.	0.
315	0000	-699	37.1967	80.1725		CCH	0.9 -	1.7	6.4 -	1.80 +	0.27 +	6.74	1379.	58.	1.
316	0000	-699	37.1967	80.1730		CCH	1.1 -	1.5	6.4 -	1.44	0.24 +	5.98	1461.	57.	2.
317	0000	-699	37.1967	80.1734		CCH	1.1 -	1.6	7.1 -	1.39	0.22	6.30	1548.	58.	3.
318	0000	-699	37.1967	80.1739		CCH	1.3	1.7	7.3	1.32	0.23	5.79	1645.	58.	6.
319	0000	-699	37.1968	80.1744		CCH	1.4	1.6	7.5	1.12	0.22	5.23	1792.	59.	9.
320	0000	-699	37.1968	80.1749		CCH	1.6	1.3	7.8	0.80	0.17	4.81	1913.	57.	12.
321	0000	-699	37.1968	80.1754		CCH	1.8	1.0 -	8.4	0.58 -	0.12 -	4.64	2071.	57.	15.
322	0000	-699	37.1968	80.1758		CCH	2.0 +	1.3	8.8	0.67 -	0.15	4.48	2248.	60.	17.
323	0000	-700	37.1969	80.1763		CCH	2.1 +	1.2 -	9.5	0.56 -	0.13 -	4.42	2411.	58.	18.
324	0000	-700	37.1969	80.1768		CCH	2.4 ++	1.3	9.6	0.54 -	0.13 -	4.00 -	2572.	58.	20.
325	0000	-700	37.1969	80.1772		CCH	2.5 ++	0.8 -	10.5	0.33 -	0.08 --	4.13 -	2682.	59.	21.
326	0010	-700	37.1969	80.1778		CCH	2.6 ++	0.7 N.A.	11.0 +	0.29 N.A.	0.07 N.A.	4.24 -	2719.	57.	20.
327	0000	-700	37.1969	80.1782		CCH	2.5 ++	0.8 --	10.9 +	0.31 -	0.07 --	4.34 -	2709.	58.	20.
328	0000	-700	37.1969	80.1787		CCH	2.4 ++	1.0 -	10.5	0.43 -	0.10 -	4.31 -	2614.	56.	19.
329	0000	-700	37.1969	80.1792		CER	2.3 +	0.7	10.5 ++	0.30 -	0.07 --	4.49 +	2515.	53.	19.
330	0000	-700	37.1970	80.1797		CER	2.3 +	0.7	10.3 ++	0.31 -	0.07 --	4.56 +	2422.	53.	18.
331	0000	-700	37.1970	80.1802		CER	2.1 +	0.5 -	9.9 +	0.25 --	0.05 --	4.72 +	2289.	55.	17.
332	0000	-701	37.1970	80.1806		CER	1.9	0.7	9.1 +	0.38 -	0.08 -	4.68 +	2170.	56.	15.
333	0000	-701	37.1970	80.1812		CER	1.8	0.9	8.5 +	0.47	0.10 -	4.60 +	2064.	58.	14.
334	0000	-700	37.1971	80.1816		CER	1.8	1.0	8.1 +	0.53	0.12	4.40 +	2007.	57.	12.
335	0000	-700	37.1971	80.1821		CER	1.8	1.1	7.9	0.59	0.14	4.34 +	1987.	58.	11.
336	0000	-701	37.1971	80.1826		CER	1.8	1.3 +	7.2	0.71 +	0.18	4.03 +	1961.	59.	10.
337	0000	-702	37.1971	80.1830		CER	1.8	1.3 +	6.8	0.73 +	0.19	3.83	1929.	57.	10.
338	0000	-703	37.1971	80.1835		CER	1.8	1.2 +	6.6	0.66 +	0.18	3.60	1885.	56.	10.
339	0000	-704	37.1971	80.1840		CER	1.9	1.3 +	6.1	0.70 +	0.21 +	3.30	1860.	53.	10.
340	0000	-704	37.1971	80.1845		CER	1.9	1.2 +	6.2	0.63	0.19	3.21	1862.	55.	11.
341	0000	-705	37.1971	80.1850		CER	1.9	1.1	6.3	0.58	0.18	3.28	1861.	58.	11.
342	0000	-707	37.1972	80.1854		CER	2.0	0.9	6.3	0.47	0.15	3.16	1856.	59.	11.
343	0000	-706	37.1972	80.1860		CER	2.0	0.8	6.3	0.41	0.13	3.11	1844.	59.	10.
344	0000	-707	37.1972	80.1864		CER	2.0	1.0	6.1	0.51	0.17	3.07	1840.	61.	10.
345	0000	-707	37.1973	80.1869		CER	1.9	1.1	6.4	0.59	0.18	3.34	1868.	58.	9.
346	0000	-706	37.1973	80.1874		CER	2.0	0.7	7.3	0.37 -	0.10 -	3.67	1907.	58.	8.
347	0000	-706	37.1973	80.1879		CER	2.0	1.0	7.4	0.50	0.13	3.75	1934.	58.	7.
348	0000	-706	37.1973	80.1883		CER	1.9	1.5 ++	7.2	0.77 ++	0.21 +	3.75	1983.	54.	7.
349	0000	-706	37.1973	80.1888		CER	1.9	1.7 ++	7.7	0.86 ++	0.21 +	3.99 +	2041.	55.	8.
350	1000	-707	37.1973	80.1893		CR-1	1.9 +	1.7	7.9	0.89 -	0.22	4.08	2124.	54.	9.
351	1000	-707	37.1973	80.1898		CR-1	2.1 +	1.8	8.3	0.86 -	0.21	4.03	2188.	54.	9.
352	1000	-706	37.1973	80.1902		CR-1	2.2 +	1.7	8.0	0.77 -	0.21	3.67	2230.	54.	11.
353	1000	-706	37.1974	80.1908		CR-1	2.3 +	1.8	7.2	0.80 -	0.26	3.15 -	2280.	53.	12.
354	1000	-706	37.1974	80.1912		CR-1	2.4 ++	1.5 -	7.3	0.60 -	0.20 -	3.00 -	2344.	51.	14.
355	1000	-705	37.1974	80.1917		CR-2	2.6 -	0.9 --	7.4	0.34 -	0.12 --	2.78 ++	2401.	53.	15.
356	1000	-705	37.1975	80.1922		CR-2	2.8 -	1.0 --	7.6	0.35 -	0.13 --	2.71 ++	2518.	51.	15.
357	1000	-705	37.1975	80.1927		CR-2	3.0 -	1.2 -	7.7	0.40 -	0.15 --	2.57 +	2593.	52.	13.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294 PAGE 635

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GRNS CPS	COS CPS	UAIR CPS
358	0000	-707	37.1975	80.1931	CR-2	3.1 -	1.2 --	7.4	0.37 -	0.16 --	2.38 +	2631.	53.	11.
359	0000	-707	37.1975	80.1936	CR-2	3.3 -	1.3 -	7.5	0.41 -	0.18 -	2.30 +	2719.	54.	9.
360	0000	-704	37.1975	80.1941	CR-2	3.4	1.7	7.7	0.50	0.22	2.24	2812.	55.	7.
361	0000	-705	37.1976	80.1945	CR-2	3.5	2.0	7.6	0.57	0.27	2.16	2852.	54.	5.
362	0000	-706	37.1976	80.1950	CR-2	3.6	2.4	7.7	0.67 +	0.31	2.16	2859.	53.	3.
363	0000	-705	37.1976	80.1956	CR-2	3.6	2.4	7.0	0.67 +	0.34 +	1.95	2804.	55.	2.
364	0000	-704	37.1976	80.1960	CR-2	3.6	2.3	6.8 -	0.63	0.34 +	1.87	2786.	55.	2.
365	0000	-704	37.1976	80.1965	CR-2	3.6	2.7	6.6 -	0.73 +	0.40 ++	1.83	2799.	52.	2.
366	0000	-704	37.1976	80.1970	CR-2	3.5	2.7 +	6.7 -	0.79 +	0.41 ++	1.93	2758.	52.	2.
367	0000	-703	37.1977	80.1975	CR-2	3.2 -	2.8 +	7.3	0.88 ++	0.39 +	2.29	2662.	50.	2.
368	0000	-704	37.1977	80.1979	CR-2	2.9 -	2.9 +	7.4	1.00 ++	0.39 ++	2.55 +	2562.	50.	3.
369	0000	-704	37.1977	80.1984	CR-2	2.6 --	3.1 +	7.5	1.16 +++	0.41 ++	2.85 ++	2482.	51.	3.
370	0000	-703	37.1977	80.1989	CR-1	2.4 ++	3.2 ++	7.5	1.30	0.42 +	3.07 -	2419.	49.	3.
371	0000	-703	37.1978	80.1993	CR-1	2.2 +	3.2 ++	7.6	1.44	0.41 +	3.48	2324.	48.	4.
372	0000	-704	37.1978	80.1999	CR-1	2.0 +	2.7 +	7.9	1.37	0.35	3.96	2257.	49.	4.
373	0000	-702	37.1978	80.2004	CR-1	2.0 +	2.6 +	7.9	1.25	0.32	3.84	2267.	49.	5.
374	0000	-701	37.1978	80.2008	CR-1	2.2 +	2.5 +	7.8	1.13	0.32	3.52	2346.	52.	6.
375	0000	-703	37.1978	80.2013	CR-2	2.6 --	2.1	8.3	0.83 ++	0.26	3.22 +++	2530.	54.	7.
376	0000	-705	37.1978	80.2018	CR-2	3.0 -	1.6 -	8.6	0.53	0.18 -	2.87 ++	2732.	53.	8.
377	0000	-704	37.1978	80.2023	CR-2	3.3 -	1.3 -	8.6	0.41 -	0.16 --	2.60 +	2871.	55.	9.
378	0000	-705	37.1979	80.2027	CR-2	3.5	1.3 -	8.4	0.36 -	0.15 --	2.40 +	2999.	53.	10.
379	0000	-708	37.1979	80.2032	CR-2	3.8	1.1 --	8.7	0.30 --	0.13 --	2.30 +	3127.	52.	11.
380	0000	-707	37.1979	80.2037	CR-2	4.0	1.2 -	8.8	0.29 --	0.13 --	2.22	3222.	52.	11.
381	0000	-704	37.1979	80.2041	CR-2	4.1	1.1 --	8.3	0.26 --	0.13 --	2.03	3260.	50.	12.
382	0000	-704	37.1980	80.2047	CR-2	4.0	1.4 -	7.7	0.34 -	0.18 -	1.92	3215.	49.	11.
383	0000	-705	37.1980	80.2052	CR-2	3.9	1.7	7.1	0.43	0.24	1.80	3150.	48.	10.
384	0000	-705	37.1980	80.2056	CR-2	3.9	2.0	6.9	0.50	0.29	1.75	3138.	50.	9.
385	0000	-705	37.1980	80.2061	CR-2	4.0	2.2	6.9	0.54	0.31	1.71	3151.	53.	8.
386	0000	-705	37.1980	80.2066	CR-2	4.1	2.4	6.9	0.60	0.35 +	1.71	3171.	55.	7.
387	0000	-705	37.1980	80.2070	CR-2	4.2	2.6	6.8	0.62	0.38 +	1.63 -	3215.	56.	7.
388	0000	-706	37.1980	80.2075	CR-2	4.4	2.8 +	7.3	0.64	0.38 +	1.67	3334.	56.	6.
389	0000	-706	37.1981	80.2080	CR-2	4.6	2.4	8.2	0.53	0.30	1.78	3450.	56.	6.
390	0000	-706	37.1981	80.2085	CR-2	4.8	2.4	8.8	0.51	0.28	1.83	3558.	57.	6.
391	0000	-706	37.1981	80.2089	CR-2	5.0 +	2.4	9.7 +	0.49	0.25	1.95	3639.	54.	6.
392	0000	-706	37.1981	80.2095	CR-2	5.0 +	2.4	9.9 +	0.48	0.24	1.99	3655.	53.	6.
393	0000	-706	37.1982	80.2100	CR-2	4.9	2.3	10.0 +	0.48	0.23	2.05	3621.	51.	7.
394	0000	-707	37.1982	80.2104	CR-2	4.7	2.3	9.8 +	0.48	0.23	2.08	3534.	50.	7.
395	0000	-708	37.1982	80.2109	CR-2	4.4	1.8	9.9 +	0.42	0.18 -	2.27	3343.	50.	7.
396	0000	-709	37.1982	80.2114	CR-2	4.0	2.1	9.1	0.53	0.23	2.27	3211.	50.	7.
397	0000	-708	37.1982	80.2119	CR-2	3.8	2.2	8.9	0.57	0.24	2.35 +	3126.	51.	8.
398	0000	-709	37.1982	80.2123	CR-2	3.7	2.0	9.4	0.55	0.22	2.47 +	3075.	49.	9.
399	0000	-711	37.1982	80.2128	CR-2	3.6	2.0	9.4 +	0.55	0.21 -	2.62 ++	3033.	49.	9.
400	0000	-711	37.1982	80.2133	CR-2	3.5	1.8	8.9	0.52	0.21 -	2.51 +	2956.	52.	9.
401	0000	-711	37.1982	80.2139	CR-2	3.4	1.9	9.0	0.57	0.22 -	2.64 +	2877.	53.	9.
402	0000	-710	37.1982	80.2144	CR-2	3.4 -	2.1	8.2	0.62	0.26	2.42 +	2834.	53.	9.
403	0000	-709	37.1982	80.2150	CR-2	3.4 -	2.0	7.6	0.59	0.26	2.22	2766.	54.	9.
404	0000	-710	37.1982	80.2155	CE	3.4 +	2.0	7.2	0.60 -	0.28	2.14	2681.	52.	9.
405	0000	-711	37.1982	80.2161	CE	3.3 +	1.9	6.4	0.57 -	0.29	1.95 -	2589.	55.	9.
406	0000	-712	37.1982	80.2167	CE	3.2 +	1.9	6.0	0.60 -	0.32	1.87 -	2564.	56.	9.
407	0000	-711	37.1982	80.2172	CE	3.3 +	1.8	6.3	0.54 -	0.28	1.88 -	2629.	53.	9.
408	0000	-712	37.1982	80.2177	CE	3.4 +	1.7	6.5	0.49 -	0.26	1.89 -	2705.	51.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294 PAGE 636

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-713	37.1982	80.2183	CE	3.5 +	1.8	7.1	0.51 -	0.26	1.99 -	2805.	50.	9.
410	0000	-714	37.1981	80.2189	CE	3.8 +	1.8	7.7	0.48 -	0.24	2.03 -	2941.	49.	9.
411	0000	-713	37.1981	80.2194	CE	3.9 +	1.8	8.4 +	0.45 -	0.21 -	2.14	3059.	49.	9.
412	0000	-714	37.1981	80.2200	CE	4.0 +	1.9	9.0 +	0.47 -	0.21 -	2.24	3214.	49.	8.
413	0000	-714	37.1981	80.2206	CE	4.5 +	1.7	9.3 +	0.38 -	0.18 -	2.09 -	3367.	48.	9.
414	0000	-714	37.1981	80.2210	CE	4.6 +	1.9	9.5 +	0.42 -	0.20 -	2.07 -	3479.	50.	9.
415	0000	-713	37.1981	80.2216	CE	4.8 +	2.0	10.2 ++	0.42 -	0.20 -	2.12	3592.	50.	8.
416	0000	-713	37.1981	80.2222	CE	5.1 +	2.1	10.4 ++	0.42 -	0.20 -	2.06 -	3693.	50.	8.
417	0000	-714	37.1980	80.2228	CE	5.0 +	2.3	10.0 ++	0.47 -	0.23	2.00 -	3639.	51.	7.
418	0000	-715	37.1980	80.2233	CE	4.3 +	2.0	9.5 +	0.41 -	0.21 -	1.92 -	3547.	52.	7.
419	0000	-715	37.1980	80.2239	CE	4.7 +	2.1	8.7 +	0.46 -	0.24	1.87 -	3375.	51.	7.
420	0000	-715	37.1980	80.2244	CE	4.3 +	2.2	8.6 +	0.52 -	0.26	2.00 -	3223.	51.	6.
421	0000	-716	37.1980	80.2249	CE	4.1 +	2.3	8.6 +	0.55 -	0.27	2.08 -	3094.	50.	5.
422	0000	-716	37.1980	80.2255	CE	3.9 +	2.3	7.6	0.59 -	0.30	1.94 -	2980.	52.	6.
423	0000	-716	37.1979	80.2260	CE	3.8 +	2.1	7.6	0.55 -	0.28	1.99 -	2922.	51.	6.
424	0000	-717	37.1979	80.2267	CE	3.8 +	2.1	8.6 +	0.54 -	0.24	2.25	2974.	49.	6.
425	0000	-718	37.1979	80.2272	CE	3.8 +	2.5 +	8.7 +	0.67	0.29	2.29	3023.	49.	6.
426	0000	-717	37.1979	80.2277	CE	3.9 +	2.5 +	9.2 +	0.65	0.27	2.39	3095.	49.	6.
427	0000	-717	37.1979	80.2283	CE	3.7 +	2.6 +	9.5 +	0.71	0.28	2.57	3100.	49.	6.
428	0000	-718	37.1979	80.2288	CE	3.5 +	2.6 +	10.1 ++	0.75	0.26	2.91	3047.	50.	6.
429	0000	-719	37.1979	80.2294	CE	3.2 +	2.8 +	10.6 ++	0.89	0.27	3.32	2969.	48.	6.
430	0000	-719	37.1978	80.2299	CE	2.8	3.0 +	10.4 ++	1.08	0.29	3.74	2825.	48.	6.
431	0000	-719	37.1979	80.2305	CE	2.4	3.3 ++	10.2 ++	1.34	0.32	4.22	2703.	48.	7.
432	0000	-719	37.1979	80.2310	CE	2.2	3.0 +	10.2 ++	1.38	0.30	4.63	2621.	45.	8.
433	0000	-720	37.1978	80.2316	CE	2.1	2.9 +	10.3 ++	1.41	0.28	5.03	2566.	45.	10.
434	0000	-720	37.1978	80.2322	CE	2.1	3.0 +	10.3 ++	1.43	0.29	4.89	2567.	45.	10.
435	0000	-720	37.1978	80.2327	CE	2.2	3.2 ++	9.7 ++	1.46	0.33	4.43	2600.	44.	10.
436	0000	-720	37.1978	80.2333	CE	2.3	2.8 +	9.5 +	1.20	0.29	4.07	2609.	45.	11.
437	0000	-720	37.1978	80.2338	CE	2.5	2.5 +	9.9 ++	1.02	0.26	3.94	2645.	45.	11.
438	0000	-720	37.1978	80.2344	CE	2.7	2.3	9.7 ++	0.86	0.24	3.56	2678.	44.	11.
439	0000	-720	37.1978	80.2349	CE	2.8	2.3	10.1 ++	0.81	0.23	3.58	2715.	45.	11.
440	0000	-719	37.1977	80.2355	CE	2.9	2.4	10.2 ++	0.82	0.23	3.50	2749.	43.	10.
441	0000	-720	37.1977	80.2361	CE	3.0	2.1	10.4 ++	0.70	0.21 -	3.43	2767.	45.	10.
442	0000	-722	37.1977	80.2365	CE	3.1	1.7	10.4 ++	0.56 -	0.17 --	3.35	2755.	45.	11.
443	0000	-722	37.1977	80.2372	CE	3.1	1.9	10.2 ++	0.62	0.19 -	3.33	2730.	45.	10.
444	0000	-723	37.1977	80.2377	CE	3.0	2.1	9.2 +	0.68	0.22 -	3.04	2666.	45.	11.
445	0000	-726	37.1977	80.2383	CE	2.9	1.7	8.7 +	0.58 -	0.19 -	3.06	2548.	47.	11.
446	0000	-725	37.1976	80.2388	CE	2.6	1.5	7.9 +	0.58 -	0.19 -	3.01	2396.	50.	12.
447	0000	-725	37.1976	80.2394	CE	2.4	1.3 -	7.5	0.52 -	0.17 -	3.09	2256.	51.	13.
448	0000	-723	37.1976	80.2399	CE	2.1	1.2 -	7.1	0.56 -	0.17 --	3.34	2097.	49.	13.
449	0000	-720	37.1976	80.2404	CE	1.8	1.6	6.7	0.88	0.24	3.69	1940.	51.	11.
450	0000	-724	37.1976	80.2410	CE	1.6	1.7	6.4	1.08	0.26	4.09	1836.	50.	11.
451	0000	-727	37.1976	80.2416	CE	1.4	1.5	6.4	1.06	0.23	4.58	1759.	51.	11.
452	0000	-728	37.1976	80.2421	CE	1.3	1.8	6.0	1.34	0.29	4.55	1723.	51.	11.
453	0000	-730	37.1975	80.2427	CE	1.3	2.0	5.9	1.50	0.34	4.36	1740.	50.	9.
454	0000	-731	37.1975	80.2433	CE	1.4	2.3	5.2	1.63	0.43 +	3.75	1742.	49.	9.
455	0000	-730	37.1975	80.2438	CE	1.5	2.5 +	4.6	1.66	0.54 +	3.08	1779.	49.	9.
456	0000	-732	37.1975	80.2443	CE	1.7	2.2	5.1	1.31	0.44 +	3.01	1855.	48.	10.
457	0000	-734	37.1975	80.2449	CE	1.9	2.1	5.3	1.10	0.39	2.83	1930.	49.	10.
458	0000	-733	37.1975	80.2455	CE	2.0	2.2	5.5	1.10	0.41 +	2.71	2001.	48.	10.
459	0000	-733	37.1974	80.2460	CE	2.1	2.3	5.5	1.13	0.43 +	2.62	2036.	49.	10.

CP 9 IP 12

CP 9 IP 12

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-734	37.1974	80.2466		CE	2.2	2.1	5.8	0.95	0.35	2.69	2074.	49.	10.
461	0000	-735	37.1974	80.2472		CE	2.2	1.9	6.4	0.85	0.30	2.88	2100.	49.	11.
462	0000	-737	37.1974	80.2477		CE	2.2	1.9	6.4	0.85	0.29	2.88	2124.	51.	11.
463	0000	-737	37.1974	80.2482		CE	2.3	1.7	6.1	0.75	0.29	2.62	2145.	52.	12.
464	0000	-736	37.1974	80.2488		CE	2.4	1.7	5.9	0.71	0.29	2.49	2155.	51.	13.
465	0000	-738	37.1974	80.2493		CE	2.3	1.6	5.7	0.69	0.28	2.46	2139.	51.	13.
466	0000	-740	37.1974	80.2499		CE	2.4	1.5	6.3	0.63	0.24	2.62	2164.	49.	14.
467	0000	-738	37.1974	80.2504		CE	2.4	1.5	5.8	0.64	0.27	2.40	2142.	49.	15.
468	0000	-741	37.1974	80.2510		CE	2.4	1.6	5.2	0.65	0.30	2.16	2126.	48.	14.
469	0000	-743	37.1973	80.2516		CE	2.4	1.3 -	5.2	0.54 -	0.25	2.14	2095.	47.	14.
470	0000	-741	37.1973	80.2521		CE	2.3	1.4	5.0	0.59 -	0.28	2.14	2042.	45.	13.
471	0000	-741	37.1973	80.2527		CE	2.3	1.3 -	4.8	0.57 -	0.27	2.08 -	1974.	46.	12.
472	0000	-742	37.1973	80.2532		CE	2.2	1.3 -	4.6	0.58 -	0.27	2.11 -	1917.	47.	11.
473	0000	-741	37.1973	80.2538		CE	2.1	1.2 -	3.8 -	0.56 -	0.31	1.81 -	1841.	48.	11.
474	0000	-741	37.1973	80.2543		CE	2.0	1.1 -	3.8 -	0.55 -	0.29	1.90 -	1795.	47.	11.
475	0000	-744	37.1972	80.2549		CE	2.0	1.0 -	3.9 -	0.52 -	0.26	2.00 -	1759.	49.	11.
476	0000	-745	37.1972	80.2555		CE	2.0	1.0 -	4.3 -	0.52 -	0.24	2.18	1757.	50.	10.
477	0000	-745	37.1972	80.2559		CE	2.1	1.1 -	4.9	0.50 -	0.22 -	2.33	1830.	52.	10.
478	0000	-745	37.1972	80.2565		CE	2.2	0.9 -	5.0	0.43 -	0.19 -	2.27	1875.	52.	9.
479	0000	-746	37.1972	80.2571		CE	2.3	1.1 -	5.3	0.47 -	0.20 -	2.30	1942.	52.	8.
480	0000	-748	37.1972	80.2576		CE	2.3	0.9 -	5.9	0.40 -	0.16 --	2.55	1993.	52.	7.
481	0000	-747	37.1972	80.2582		CE	2.4	1.1 -	6.1	0.46 -	0.18 -	2.57	2029.	52.	7.
482	0000	-746	37.1971	80.2588		CE	2.4	1.1 -	6.1	0.46 -	0.18 -	2.52	2047.	50.	7.
483	0000	-748	37.1971	80.2593		CE	2.4	1.1 -	5.9	0.44 -	0.18 -	2.44	2027.	50.	7.
484	0000	-750	37.1971	80.2598		CE	2.2	1.2 -	5.5	0.54 -	0.22 -	2.46	1956.	48.	7.
485	0000	-751	37.1971	80.2604		CE	2.1	1.4	5.4	0.64	0.25	2.56	1904.	48.	7.
486	0000	-751	37.1971	80.2610		CE	2.1	1.3	5.2	0.64	0.25	2.51	1877.	46.	8.
487	0000	-751	37.1971	80.2615		CE	2.1	1.5	5.2	0.70	0.29	2.44	1893.	45.	9.
488	0000	-752	37.1970	80.2621		CE	2.2	1.3	4.8	0.60 -	0.27	2.17	1908.	46.	10.
489	0000	-753	37.1970	80.2627		CE	2.2	1.3 -	4.9	0.59 -	0.27	2.20	1925.	48.	11.
490	0000	-752	37.1970	80.2632		CE	2.2	1.3	5.2	0.60 -	0.26	2.32	1974.	48.	11.
491	0000	-751	37.1970	80.2637		CE	2.4	1.3 -	5.3	0.54 -	0.24	2.23	2027.	49.	11.
492	0000	-752	37.1970	80.2643		CE	2.4	1.4	5.5	0.58 -	0.25	2.31	2052.	50.	10.
493	0000	-754	37.1970	80.2648		CE	2.5	1.5	5.6	0.62	0.27	2.26	2072.	51.	9.
494	0000	-754	37.1970	80.2654		CE	2.5	1.6	5.5	0.63	0.29	2.19	2084.	51.	8.
495	0000	-751	37.1969	80.2659		CE	2.5	1.8	6.0	0.70	0.30	2.35	2143.	50.	6.
496	0000	-751	37.1969	80.2665		CE	2.6	1.9	5.7	0.74	0.34	2.15	2210.	52.	5.
497	0000	-756	37.1969	80.2670		CE	2.7	2.1	5.8	0.76	0.36	2.10 -	2255.	50.	5.
498	0000	-759	37.1969	80.2676		CE	2.7	1.9	5.7	0.71	0.34	2.08 -	2261.	51.	5.
499	0000	-760	37.1969	80.2682		CE	2.8	1.9	5.5	0.67	0.34	1.97 -	2293.	48.	5.
500	0000	-761	37.1969	80.2687		CE	2.7	1.8	5.6	0.64	0.31	2.04 -	2271.	49.	6.
501	0000	-760	37.1969	80.2693		CE	2.7	1.7	5.6	0.62	0.30	2.09 -	2278.	48.	7.
502	0000	-759	37.1969	80.2698		CE	2.7	1.7	6.1	0.62	0.27	2.28	2263.	49.	8.
503	0000	-759	37.1969	80.2704		CE	2.7	1.4	6.8	0.53 -	0.21 -	2.52	2281.	47.	9.
504	0000	-760	37.1969	80.2709		CE	2.7	1.5	6.7	0.57 -	0.23	2.46	2298.	49.	10.
505	0000	-762	37.1968	80.2715		DLMU-1	2.8 ++	1.7	6.4 +	0.60 --	0.26	2.27 -	2329.	49.	11.
506	0000	-763	37.1968	80.2720		DLMU-1	2.9 ++	1.5	6.5 +	0.53 ---	0.24 -	2.21 -	2367.	51.	11.
507	0000	-763	37.1968	80.2726		DLMU-1	3.0 ++	1.4	6.8 +	0.46 ---	0.21 -	2.24 -	2419.	52.	12.
508	0000	-764	37.1967	80.2732		DLMU-1	3.0 ++	1.3	6.4 +	0.44 ---	0.21 -	2.12 -	2393.	54.	12.
509	0000	-763	37.1967	80.2737		DLMU-1	3.0 ++	1.2	5.8 +	0.41 ---	0.21 -	1.94 -	2339.	55.	11.
510	0000	-764	37.1967	80.2743		DLMU-1	2.9 ++	1.3	5.3	0.45 ---	0.24	1.85 -	2237.	56.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-765	37.1967	80.2748 DLMU-1	2.6 ++	1.1	4.8	0.42 ---	0.23 -	1.82 -	2091.	56.	10.
512	0000	-765	37.1967	80.2753 DLMU-1	2.4 ++	0.9 -	4.8	0.36 ---	0.18 -	1.98 -	1960.	56.	9.
513	0000	-765	37.1967	80.2759 DLMU-1	2.2 ++	1.0	4.5	0.47 ---	0.23 -	2.05 -	1856.	56.	8.
514	0000	-767	37.1967	80.2765 DLMU-1	2.1 ++	1.2	4.2	0.57 --	0.28	2.01 -	1751.	54.	7.
515	0000	-769	37.1967	80.2770 DLMU-1	2.0 ++	1.4	4.2	0.69 --	0.33	2.10 -	1707.	54.	7.
516	0000	-770	37.1967	80.2776 DLMU-1	2.0 ++	1.3	4.4	0.63 --	0.29	2.19 -	1728.	52.	7.
517	0000	-769	37.1967	80.2782 DLMU-1	2.1 ++	1.3	4.5	0.63 --	0.29	2.14 -	1767.	52.	7.
518	0000	-771	37.1966	80.2787 DLMU-1	2.3 ++	1.4	4.6	0.63 --	0.31	2.00 -	1883.	51.	9.
519	0000	-771	37.1966	80.2792 DLMU-1	2.4 ++	1.6	4.5	0.66 --	0.36	1.85 -	2017.	49.	10.
520	0000	-770	37.1966	80.2798 DLMU-1	2.7 ++	1.4	4.8	0.50 ---	0.29	1.74 -	2156.	48.	12.
521	0000	-770	37.1965	80.2804 DLMU-1	3.0 ++	1.3	5.1	0.42 ---	0.25	1.71 -	2342.	47.	14.
522	0000	-770	37.1966	80.2809 DLMU-1	3.3 ++	1.1	5.1	0.34 ---	0.22 -	1.56 -	2497.	46.	15.
523	0000	-773	37.1966	80.2815 DLMU-1	3.4 ++	1.4	5.3	0.41 ---	0.26	1.55 -	2586.	47.	16.
524	0000	-775	37.1965	80.2821 DLMU-1	3.4 ++	1.6	5.4	0.46 ---	0.29	1.60 -	2644.	46.	16.
525	0000	-773	37.1965	80.2825 DLMU-1	3.4 ++	1.5	5.4	0.44 ---	0.28	1.58 -	2651.	44.	15.
526	0000	-773	37.1965	80.2831 DLMU-1	3.4 ++	1.5	5.6 +	0.45 ---	0.27	1.66 -	2621.	44.	14.
527	0000	-777	37.1965	80.2837 DLMU-1	3.2 ++	1.6	5.6 +	0.51 ---	0.29	1.75 -	2540.	43.	13.
528	0000	-775	37.1965	80.2842 DLMU-1	2.9 ++	1.6	5.5 +	0.55 --	0.29	1.89 -	2380.	44.	12.
529	0000	-773	37.1965	80.2848 DLMU-1	2.6 ++	1.7	5.7 +	0.67 --	0.30	2.23 -	2214.	43.	10.
530	0000	-777	37.1965	80.2854 DLMU-1	2.4 ++	1.6	5.4	0.66 --	0.29	2.28 -	2085.	43.	10.
531	0000	-777	37.1964	80.2859 DLMU-1	2.3 ++	1.4	5.3	0.63 --	0.27	2.33 -	2002.	44.	10.
532	0000	-775	37.1964	80.2864 DLMU-1	2.2 ++	1.4	5.4	0.63 --	0.25	2.52 -	1960.	48.	10.
533	0000	-777	37.1964	80.2870 DLMU-1	2.1 ++	1.3	5.5	0.63 --	0.24	2.58 -	1947.	49.	11.
534	0000	-779	37.1964	80.2876 DLMU-1	2.2 ++	1.3	5.4	0.57 --	0.23 -	2.43 -	1983.	50.	12.
535	0000	-779	37.1964	80.2881 DLMU-1	2.4 ++	1.2	5.4	0.50 ---	0.22 -	2.24 -	2078.	49.	14.
536	0000	-778	37.1964	80.2887 DLMU-1	2.6 ++	1.1	5.3	0.43 ---	0.21 -	2.08 -	2167.	51.	16.
537	0000	-779	37.1963	80.2892 DLMU-1	2.6 ++	1.0	5.5 +	0.39 ---	0.18 -	2.09 -	2224.	50.	17.
538	0000	-780	37.1963	80.2898 DLMU-1	2.7 ++	1.0	5.6 +	0.36 ---	0.17 -	2.04 -	2266.	50.	17.
539	0000	-781	37.1963	80.2903 DLMU-1	2.8 ++	1.1	5.7 +	0.38 ---	0.19 -	2.05 -	2302.	49.	17.
540	0000	-783	37.1964	80.2908 DLMU-1	2.9 ++	1.2	6.3 +	0.41 ---	0.19 -	2.18 -	2361.	47.	16.
541	0000	-785	37.1963	80.2915 DLMU-1	2.9 ++	1.3	6.4 +	0.44 ---	0.20 -	2.22 -	2397.	46.	14.
542	0000	-784	37.1963	80.2920 DLMU-1	2.9 ++	1.4	6.4 +	0.48 ---	0.22 -	2.19 -	2379.	47.	13.
543	0000	-785	37.1963	80.2925 DLMU-1	2.9 ++	1.6	6.5 +	0.55 --	0.25	2.25 -	2346.	48.	10.
544	0000	-788	37.1962	80.2931 DLMU-1	2.8 ++	1.9	6.4 +	0.68 --	0.30	2.30 -	2348.	49.	9.
545	0000	-787	37.1962	80.2937 DLMU-1	2.8 ++	2.1 +	6.9 +	0.73 --	0.30	2.43 -	2413.	47.	7.
546	0000	-786	37.1962	80.2942 DLMU-1	2.9 ++	2.2 +	6.8 +	0.76 --	0.33	2.33 -	2443.	46.	7.
547	0000	-788	37.1962	80.2947 DLMU-1	2.9 ++	2.3 +	6.5 +	0.80 --	0.36	2.21 -	2454.	48.	8.
548	0000	-789	37.1962	80.2953 DLMU-2	2.9 +++	2.4	7.3 -	0.84 --	0.33	2.56 --	2477.	49.	7.
549	0000	-790	37.1962	80.2958 DLMU-2	2.9 +++	2.6	7.4 -	0.90 -	0.35 +	2.58 --	2508.	49.	8.
550	0000	-790	37.1962	80.2964 DLMU-2	2.9 +++	2.3	7.5 -	0.78 --	0.30	2.59 --	2543.	48.	9.
551	0000	-790	37.1962	80.2970 DLMU-2	3.0 +++	2.0	7.8	0.68 --	0.26	2.64 --	2553.	49.	9.
552	0000	-792	37.1962	80.2976 DLMU-2	2.9 +++	2.2	7.5 -	0.75 --	0.29	2.60 --	2496.	51.	10.
553	0000	-792	37.1962	80.2981 DLMU-2	2.8 +++	2.1	7.8	0.76 --	0.27	2.85 --	2464.	49.	9.
554	0000	-792	37.1961	80.2986 DLMU-2	2.6 ++	2.1	7.8	0.83 --	0.27	3.02 --	2406.	47.	8.
555	0000	-795	37.1961	80.2992 DLMU-2	2.5 ++	2.3	7.2 -	0.94 -	0.32	2.90 --	2344.	47.	8.
556	0000	-795	37.1961	80.2997 DLMU-2	2.3 ++	2.6	7.1 -	1.11 -	0.36 +	3.07 --	2289.	46.	7.
557	0000	-793	37.1960	80.3003 DLMU-2	2.2 ++	2.7	7.0 -	1.24	0.38 +	3.24 --	2240.	45.	7.
558	0000	-795	37.1960	80.3009 DLMU-1	2.0 ++	2.7 +	6.7 +	1.35 -	0.41	3.30 -	2159.	44.	8.
559	0000	-797	37.1960	80.3015 DLMU-1	1.8 ++	2.6 +	6.5 +	1.44 -	0.41	3.51 -	2087.	43.	9.
560	0000	-798	37.1960	80.3019 DLMU-1	1.7 +	2.5 +	6.0 +	1.53 -	0.42	3.61 -	1941.	43.	10.
561	0000	-796	37.1960	80.3025 DLMU-1	1.5 +	2.2 +	5.5	1.52 -	0.41	3.71 -	1794.	45.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-796	37.1960	80.3031	DLMU-1	1.2 +	1.9	4.9	1.57 -	0.39	4.01 -	1627.	48.	12.
563	0000	-796	37.1960	80.3036	DLMU-1	1.1 +	1.6	4.8	1.43 -	0.32	4.40 -	1489.	49.	13.
564	0000	-797	37.1960	80.3042	DLMU-1	1.0 +	1.6	4.6	1.64 -	0.35	4.70 -	1375.	49.	12.
565	0000	-799	37.1960	80.3047	DLMU-1	0.9 +	1.5	4.4	1.73 -	0.35	4.89 -	1286.	50.	12.
566	0000	-802	37.1960	80.3053	DLMU-1	0.8 +	1.4	4.4	1.64 -	0.31	5.24 -	1215.	48.	11.
567	0000	-801	37.1959	80.3058	DLMU-1	0.8 +	1.5	4.5	1.78 -	0.33	5.38 -	1205.	49.	10.
568	0000	-801	37.1959	80.3064	DLMU-1	0.8 +	1.5	4.8	1.84 -	0.32	5.72 -	1220.	51.	8.
569	0000	-805	37.1959	80.3070	DLMU-1	0.9 +	1.4	5.4	1.48 -	0.26	5.78 -	1259.	49.	8.
570	0000	-804	37.1959	80.3075	DLMU-1	0.9 +	1.8	5.6 +	1.98	0.32	6.14	1311.	47.	6.
571	0000	-802	37.1959	80.3081	DLMU-1	0.9 +	1.8	5.6 +	1.91	0.32	5.96 -	1347.	49.	5.
572	0000	-806	37.1959	80.3086	DLMU-1	1.0 +	2.1 +	5.9 +	2.13	0.35	6.06 -	1398.	51.	4.
573	0000	-807	37.1958	80.3092	DLMU-1	1.0 +	2.2 +	6.1 +	2.14	0.36	5.95 -	1428.	51.	3.
574	0000	-806	37.1958	80.3097	DLMU-1	1.0 +	2.1 +	6.4 +	2.06	0.33	6.34	1441.	53.	3.
575	0000	-806	37.1958	80.3103	DLMU-1	1.0 +	2.4 +	6.3 +	2.28	0.38	6.02 -	1443.	52.	3.
576	0000	-807	37.1958	80.3109	DLMU-1	1.1 +	2.5 +	6.1 +	2.31	0.41	5.68 -	1465.	49.	3.
577	0000	-808	37.1958	80.3114	DLMU-1	1.1 +	2.1 +	6.0 +	1.85	0.35	5.32 -	1466.	53.	4.
578	0000	-808	37.1958	80.3120	DLMU-1	1.2 +	2.0 +	6.1 +	1.72 -	0.33	5.15 -	1502.	52.	4.
579	0000	-810	37.1958	80.3125	DLMU-1	1.3 +	2.1 +	6.5 +	1.61 -	0.32	4.98 -	1575.	49.	4.
580	0000	-812	37.1957	80.3131	DLMU-1	1.3 +	2.1 +	6.4 +	1.65 -	0.34	4.93 -	1641.	49.	4.
581	0000	-810	37.1957	80.3136	DLMU-1	1.4 +	2.3 +	6.9 ++	1.68 -	0.33	5.04 -	1726.	48.	4.
582	0000	-809	37.1957	80.3141	DLMU-2	1.4	2.2	7.5 -	1.54	0.29	5.24	1791.	47.	4.
583	0000	-811	37.1957	80.3147	DLMU-2	1.4	2.2	7.4 -	1.58	0.30	5.32	1800.	48.	5.
584	0000	-812	37.1957	80.3152	DLMU-2	1.3	2.3	7.7	1.72	0.30	5.73	1800.	46.	5.
585	0000	-813	37.1957	80.3158	DLMU-2	1.2	2.5	7.5 -	2.03	0.33 +	6.11	1781.	45.	4.
586	0000	-812	37.1956	80.3164	STC-2	1.1 +	2.2 +	7.2 +	1.90	0.30	6.33 -	1717.	47.	5.
587	0000	-811	37.1956	80.3169	STC-2	1.1 +	2.1 +	7.2 +	1.94	0.30	6.54 -	1658.	49.	5.
588	0000	-816	37.1956	80.3175	STC-2	1.0 +	1.9	6.4	1.93	0.30	6.48 -	1538.	50.	6.
589	0000	-818	37.1956	80.3180	STC-2	0.8	1.8	5.8	2.09	0.30	6.87 -	1438.	49.	6.
590	0000	-816	37.1956	80.3186	STC-2	0.8	1.8	5.6	2.33	0.32	7.22 -	1378.	49.	7.
591	0000	-815	37.1956	80.3191	STC-2	0.8	1.7	5.2	2.11	0.33	6.40 -	1359.	49.	7.
592	0000	-818	37.1956	80.3197	STC-2	0.9 +	1.8	5.5	1.95	0.32	6.10 -	1365.	49.	8.
593	0000	-820	37.1955	80.3203	STC-2	0.9 +	2.0 +	5.5	2.22	0.37 +	6.06 -	1386.	48.	8.
594	0000	-818	37.1955	80.3207	STC-2	0.9 +	1.9	5.7	1.99	0.33	6.06 -	1397.	48.	9.
595	0000	-817	37.1955	80.3214	STC-2	1.0 +	2.1 +	5.5	2.12	0.37 +	5.67 -	1462.	47.	10.
596	0000	-819	37.1955	80.3219	STC-2	1.0 +	2.1 +	5.8	2.02	0.36 +	5.55 -	1530.	50.	11.
597	0000	-819	37.1955	80.3225	STC-2	1.1 +	2.5 +	6.3	2.25	0.39 +	5.81 -	1616.	48.	12.
598	0000	-818	37.1955	80.3230	STC-2	1.1 +	2.5 +	6.3	2.18	0.39 +	5.56 -	1697.	48.	13.
599	0000	-822	37.1954	80.3236	STC-2	1.2 +	2.3 +	6.6	2.00	0.36 +	5.62 -	1751.	46.	14.
600	0000	-824	37.1955	80.3241	STC-2	1.2 +	2.1 +	6.6	1.82	0.32	5.64 -	1753.	48.	15.
601	0000	-823	37.1955	80.3246	STC-2	1.2 +	2.2 +	6.6	1.92	0.33	5.74 -	1743.	47.	16.
602	0000	-825	37.1955	80.3252	STC-2	1.2 +	2.1 +	6.8 +	1.72 -	0.30	5.68 -	1751.	48.	15.
603	0000	-824	37.1954	80.3258	STC-2	1.2 +	2.1 +	7.0 +	1.71 -	0.30	5.69 -	1798.	47.	14.
604	0000	-825	37.1954	80.3264	STC-2	1.3 +	2.1 +	6.6	1.67 -	0.32	5.20 -	1815.	49.	14.
605	0000	-826	37.1954	80.3269	OMUU	1.3 +	2.2 +	7.2	1.71	0.30	5.70 -	1824.	48.	12.
606	0000	-822	37.1954	80.3275	OMUU	1.3 +	2.2 +	7.2	1.77	0.31	5.67 -	1820.	50.	11.
607	0000	-825	37.1954	80.3280	OMUU	1.3 +	2.5 ++	6.9	1.90	0.36	5.35 -	1854.	50.	10.
608	0000	-828	37.1954	80.3285	OMUU	1.3 +	2.5 ++	6.9	1.85	0.35	5.23 -	1890.	50.	9.
609	0000	-828	37.1953	80.3291	OMUU	1.3 +	2.6 ++	7.3	1.90	0.35	5.44 -	1921.	49.	8.
610	0000	-829	37.1953	80.3297	OMUU	1.4 +	2.3 +	7.4	1.69	0.32	5.31 -	1904.	48.	9.
611	0000	-831	37.1953	80.3302	OMUU	1.4 +	2.2 +	7.6 +	1.58	0.29	5.46 -	1897.	49.	9.
612	0000	-830	37.1953	80.3307	OMUU	1.4 +	2.0 +	7.5 +	1.46	0.27	5.46 -	1855.	49.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-829	37.1953	80.3314	OMUU	1.3 +	1.9	7.7 +	1.43	0.25	5.74 -	1828.	47.	10.
614	0000	-829	37.1953	80.3319	OMUU	1.3 +	1.7	8.0 +	1.25 -	0.21	6.00	1778.	48.	10.
615	0000	-831	37.1953	80.3324	OMUU	1.3 +	1.8	7.6 +	1.45	0.24	5.97	1750.	50.	10.
616	0000	-831	37.1952	80.3330	OMUU	1.2 +	1.9	7.3	1.54	0.26	5.96	1689.	50.	10.
617	0000	-831	37.1952	80.3335	OMUU	1.1	2.2 +	7.2	1.98	0.30	6.64	1634.	51.	9.
618	0000	-832	37.1952	80.3341	OMUU	1.0	2.1 +	7.0	2.08	0.30	6.87	1556.	49.	7.
619	0000	-832	37.1952	80.3346	OMUU	1.0	2.4 +	6.3	2.40	0.38 +	6.31	1503.	50.	6.
620	0000	-833	37.1952	80.3352	OMUU	0.9	2.4 +	6.0	2.54	0.39 +	6.45	1460.	49.	5.
621	0000	-835	37.1952	80.3358	OMUU	0.9	2.5 ++	5.9	2.87	0.43 +	6.72	1431.	49.	3.
622	0000	-836	37.1951	80.3363	OMUU	0.9	2.3 +	5.8	2.63	0.39 +	6.76	1405.	48.	3.
623	0000	-835	37.1951	80.3369	OMUU	0.8	2.3 +	5.8	2.78	0.39 +	7.08	1415.	48.	2.
624	0000	-836	37.1951	80.3374	OMUU	0.8	2.1 +	5.5	2.56	0.38 +	6.65	1416.	48.	3.
625	0000	-837	37.1951	80.3380	OMUU	0.9	2.2 +	5.3	2.48	0.41 +	6.01	1440.	49.	3.
626	0000	-836	37.1951	80.3385	OMUU	0.9	2.2 +	5.6	2.35	0.39 +	6.05	1485.	49.	4.
627	0000	-837	37.1951	80.3391	OMUU	1.0	2.3 +	5.4	2.32	0.43 +	5.40 -	1535.	52.	5.
628	0000	-840	37.1951	80.3397	OMUU	1.1	2.7 ++	5.7	2.53	0.46 +	5.44 -	1601.	54.	5.
629	0000	-839	37.1950	80.3401	OMUU	1.1	2.8 ++	5.8	2.58	0.48 +	5.37 -	1658.	54.	6.
630	0000	-839	37.1950	80.3407	OMUU	1.2 +	2.8 ++	5.9	2.42	0.48 +	4.99 -	1666.	56.	6.
631	0000	-838	37.1950	80.3413	OMUU	1.2 +	3.0 +++	5.7	2.47	0.52 +	4.72 -	1673.	56.	6.
632	0000	-838	37.1950	80.3418	OMUU	1.2 +	2.9 ++	5.7	2.43	0.51 +	4.74 -	1663.	58.	6.
633	0000	-841	37.1950	80.3424	OMUU	1.1	3.1 +++	5.8	2.68	0.52 +	5.11 -	1640.	59.	5.
634	0000	-841	37.1950	80.3430	OMUU	1.2	3.0 +++	6.2	2.58	0.48 +	5.39 -	1609.	57.	4.
635	0000	-838	37.1949	80.3435	OMUU	1.2 +	2.6 ++	6.0	2.21	0.43 +	5.09 -	1582.	56.	4.
636	0000	-839	37.1949	80.3440	OMUU	1.3 +	2.6 ++	6.0	2.06	0.43 +	4.81 -	1574.	56.	2.
637	0000	-842	37.1949	80.3446	OMUU	1.3 +	2.5 ++	6.6	1.89	0.37	5.08 -	1616.	54.	2.
638	0000	-844	37.1949	80.3452	OMUU	1.3 +	2.5 ++	7.0	1.92	0.36	5.33 -	1655.	52.	1.
639	0000	-842	37.1949	80.3457	OMUU	1.3 +	2.6 ++	7.6 +	1.98	0.34	5.77	1681.	50.	0.
640	0000	-840	37.1949	80.3463	OMUU	1.3 +	2.5 ++	7.5 +	1.89	0.33	5.69 -	1691.	50.	0.
641	0000	-844	37.1949	80.3469	OMUU	1.3 +	2.7 ++	7.2	2.06	0.37	5.52 -	1721.	52.	0.
642	0000	-848	37.1948	80.3474	OMUU	1.3 +	2.6 ++	7.6 +	2.00	0.33	6.00	1720.	50.	0.
643	0000	-843	37.1948	80.3479	OMUU	1.2 +	2.5 ++	7.9 +	2.08	0.32	6.51	1710.	49.	0.
644	0000	-843	37.1948	80.3485	OMUU	1.2	2.3 +	7.9 +	2.02	0.29	6.86	1682.	49.	1.
645	0000	-849	37.1948	80.3490	OMUU	1.2 +	2.0 +	8.0 +	1.61	0.25	6.50	1706.	47.	2.
646	0000	-848	37.1948	80.3495	OMUU	1.2 +	2.0 +	7.8 +	1.62	0.26	6.29	1751.	47.	3.
647	0000	-848	37.1948	80.3502	OMUU	1.3 +	2.0 +	8.3 +	1.51	0.24	6.37	1820.	46.	4.
648	0000	-853	37.1947	80.3507	OMUU	1.3 +	2.0 +	9.0 +	1.50	0.23	6.68	1877.	44.	5.
649	0000	-850	37.1947	80.3513	OMUU	1.3 +	2.5 ++	9.0 +	1.91	0.28	6.94	1965.	45.	6.
650	0000	-852	37.1948	80.3518	OMUU	1.3 +	2.7 ++	9.4 ++	2.07	0.29	7.24	2020.	43.	7.
651	0000	-854	37.1947	80.3524	OMUU	1.2 +	3.0 +++	9.2 +	2.47	0.33	7.55	2026.	43.	7.
652	0000	-849	37.1947	80.3529	OMUU	1.1	3.2 +++	8.9 +	2.87	0.36	7.98	1992.	44.	8.
653	0000	-850	37.1947	80.3534	OMUU	1.0	3.3 +++	8.7 +	3.15	0.38 +	8.30	1947.	43.	8.
654	0000	-854	37.1947	80.3540	OMUU	1.0	3.3 +++	8.4 +	3.41	0.39 +	8.75	1903.	42.	8.
655	0000	-853	37.1947	80.3546	OMUU	0.9	3.2 +++	8.0 +	3.73	0.40 +	9.40	1843.	41.	8.
656	0000	-853	37.1947	80.3552	OMUU	0.8	3.0 +++	7.8 +	3.64	0.38 +	9.54	1761.	41.	9.
657	0000	-854	37.1947	80.3557	OMUU	0.7	2.8 ++	7.1	3.79	0.39 +	9.65	1690.	43.	9.
658	0000	-853	37.1946	80.3563	OMUU	0.8	2.7 ++	7.1	3.39	0.38 +	8.82	1692.	45.	10.
659	0000	-852	37.1946	80.3568	OMUU	0.8	2.7 ++	7.2	3.35	0.38 +	8.88	1708.	46.	11.
660	0000	-855	37.1946	80.3573	OMUU	0.9	2.3 +	7.5 +	2.57	0.31	8.34	1745.	48.	12.
661	0000	-857	37.1945	80.3579	OMUU	1.0	2.2 +	7.8 +	2.11	0.28	7.56	1779.	50.	13.
662	0000	-859	37.1945	80.3585	OMUU	1.2 +	1.8	8.2 +	1.55	0.22	7.00	1808.	52.	13.
663	0000	-860	37.1945	80.3591	OMUU	1.3 +	1.5	8.5 +	1.17 -	0.18 -	6.56	1853.	53.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-856	37.1945	80.3595	OMUU	1.4 +	1.3	8.8 +	0.89 -	0.15 -	6.11	1893.	55.	13.
665	0000	-855	37.1945	80.3602	OB-2	1.5	1.2 --	8.8	0.84	0.14 --	5.95	1905.	55.	12.
666	0000	-858	37.1945	80.3607	OB-2	1.6	1.4 --	8.6	0.87	0.16 --	5.51	1915.	58.	11.
667	0000	-859	37.1945	80.3612	OB-2	1.6	1.5 --	8.8	0.96	0.17 --	5.56	1924.	57.	10.
668	0000	-861	37.1945	80.3618	OB-2	1.6	1.5 --	8.9	0.97	0.17 --	5.63	1943.	56.	10.
669	0000	-862	37.1945	80.3624	OB-2	1.5	2.0	8.7	1.34	0.24	5.70	1961.	53.	9.
670	0000	-858	37.1945	80.3629	OB-2	1.6	2.2	8.8	1.43	0.25	5.60	1992.	52.	9.
671	0000	-857	37.1944	80.3634	OB-2	1.5	2.2	8.8	1.44	0.25	5.70	2021.	49.	10.
672	0000	-862	37.1944	80.3640	OB-2	1.6	2.3	8.8	1.47	0.26	5.66	2049.	49.	10.
673	0000	-865	37.1944	80.3646	OB-2	1.5	2.2	9.1	1.49	0.24	6.11	2024.	48.	11.
674	0000	-865	37.1944	80.3651	OB-2	1.4	2.3	8.7	1.61 +	0.26	6.14	1964.	47.	11.
675	0000	-866	37.1944	80.3657	OB-2	1.4	2.3	8.4 -	1.72 +	0.28 +	6.17	1875.	47.	10.
676	0000	-863	37.1944	80.3663	OB-1	1.3 +	2.2 +	7.7 +	1.68	0.28	6.03	1769.	48.	10.
677	0000	-859	37.1944	80.3667	OB-1	1.1	2.2 +	6.9 +	2.01	0.32	6.30	1634.	48.	10.
678	0000	-861	37.1943	80.3674	OB-1	0.9	2.4 ++	6.0	2.61	0.41	6.41	1501.	51.	9.
679	0000	-860	37.1943	80.3680	OB-1	0.8	2.2 +	5.5	2.60	0.39	6.58	1373.	50.	9.
680	0000	-860	37.1943	80.3686	OCH	0.8	2.0	4.9	2.70	0.41	6.50	1288.	48.	10.
681	0000	-861	37.1943	80.3693	OCH	0.7	1.8	4.4	2.74	0.41	6.68	1217.	48.	11.
682	0000	-855	37.1943	80.3698	OCH	0.5	1.9	3.9	3.50	0.49 +	7.20	1148.	49.	12.
683	0000	-857	37.1944	80.3705	OCH	0.5	1.6	3.8	2.99	0.42	7.07	1107.	49.	13.
684	0000	-865	37.1944	80.3711	CCO-1	0.5	1.3	3.5	2.57	0.37	6.91	1063.	50.	15.
685	0000	-867	37.1944	80.3717	CCO-1	0.5	1.1	3.5	2.09	0.31	6.84	1030.	48.	16.
686	0000	-867	37.1943	80.3723	CCO-1	0.5	1.1	3.1	2.40	0.36	6.65	1009.	48.	16.
687	0000	-869	37.1943	80.3729	CCO-1	0.5	1.1	3.0	2.48	0.38	6.56	975.	48.	15.
688	0000	-869	37.1943	80.3736	CCO-1	0.5	1.0	2.8	2.23	0.37	5.99 -	936.	50.	14.
689	0000	-870	37.1943	80.3742	CCO-1	0.5	0.9	2.8	1.84 -	0.32	5.76 -	911.	50.	13.
690	0000	-871	37.1943	80.3748	CCO-1	0.4	1.0	2.6	2.22	0.37	6.02 -	876.	48.	11.
691	0000	-875	37.1943	80.3755	CCO-1	0.4	0.9	2.5 -	2.09	0.38	5.56 -	851.	48.	10.
692	0000	-875	37.1943	80.3760	CCO-1	0.4	1.1	2.6	2.61	0.42	6.23	825.	50.	8.
693	0000	-869	37.1943	80.3766	CCO-1	0.4	1.0	2.6	2.46	0.38	6.42	791.	50.	8.
694	0000	-871	37.1943	80.3773	CR-1	0.4 -	0.9 --	2.6 --	2.14	0.34	6.35	779.	49.	8.
695	0000	-871	37.1942	80.3779	CR-1	0.4 -	1.0 --	2.6 --	2.33	0.37	6.37	787.	47.	7.
696	0000	-867	37.1943	80.3785	CR-1	0.4 -	1.1 -	2.5 --	2.55	0.43 +	5.89	793.	45.	7.
697	0000	-868	37.1943	80.3791	CR-1	0.5 -	1.0 --	2.7 --	1.99	0.36	5.53	813.	48.	7.
698	0000	-871	37.1943	80.3798	CR-1	0.5 -	1.1 -	2.7 --	2.25	0.41 +	5.45	853.	49.	7.
699	0000	-871	37.1943	80.3804	CR-1	0.6 -	1.2 -	2.8 --	1.84	0.42 +	4.42	928.	48.	7.
700	0000	-873	37.1943	80.3810	CR-1	0.7 -	1.2 -	3.1 -	1.61	0.38	4.27	998.	47.	7.
701	0000	-877	37.1943	80.3816	CR-1	0.9	1.3 -	3.2 -	1.36	0.40	3.39 -	1098.	47.	7.
702	0000	-879	37.1943	80.3822	CR-1	1.0	1.5	3.3 -	1.48	0.45 +	3.25 -	1198.	48.	7.
703	0000	-879	37.1943	80.3828	CR-1	1.2	1.4 -	3.7 -	1.22	0.38	3.21 -	1300.	47.	7.
704	0000	-879	37.1942	80.3835	CR-1	1.3	1.6	4.1 -	1.24	0.38	3.24 -	1385.	46.	6.
705	0000	-873	37.1942	80.3841	CR-1	1.4	1.6	4.2 -	1.13	0.37	3.03 -	1452.	44.	6.
706	0000	-870	37.1942	80.3847	CR-1	1.5	1.5 -	4.3 -	1.01	0.35	2.88 -	1507.	45.	6.
707	0000	-876	37.1942	80.3853	CR-1	1.6	1.7	4.0 -	1.01	0.41 +	2.45 -	1565.	47.	5.
708	0000	-880	37.1942	80.3859	CR-1	1.7	1.7	4.3 -	0.99	0.38	2.60 -	1595.	49.	5.
709	0000	-877	37.1942	80.3866	CR-1	1.8	1.5 -	4.6 -	0.82 -	0.32	2.53 -	1625.	50.	5.
710	0000	-880	37.1942	80.3871	CR-1	1.9 +	1.4 -	4.4 -	0.77 -	0.33	2.34 -	1640.	52.	5.
711	0000	-880	37.1942	80.3878	CR-1	1.9 +	1.4 -	4.3 -	0.71 -	0.32	2.22 -	1679.	54.	6.
712	0000	-875	37.1942	80.3884	CR-1	2.0 +	1.1 -	4.5 -	0.55 --	0.24	2.27 -	1701.	56.	8.
713	0000	-878	37.1942	80.3890	CR-1	2.0 +	1.1 -	4.7 -	0.54 --	0.23	2.34 -	1715.	53.	9.
714	0000	-881	37.1942	80.3896	CR-1	1.9 +	0.9 --	5.1	0.47 --	0.18 -	2.64 -	1713.	51.	10.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-881	37.1942	80.3902	CR-1	1.9 +	0.9 --	5.4	0.47 --	0.17 -	2.85 -	1710.	51.	10.
716	0000	-886	37.1942	80.3909	CR-1	1.8	0.9 --	5.5	0.51 --	0.17 -	3.02 -	1683.	50.	10.
717	0000	-883	37.1942	80.3915	CR-1	1.8	0.9 --	5.4	0.49 --	0.17 -	2.95 -	1655.	51.	10.
718	0000	-879	37.1942	80.3921	CR-1	1.8	0.9 --	5.3	0.53 --	0.18 -	3.01 -	1603.	50.	8.
719	0000	-885	37.1942	80.3927	CR-1	1.7	1.4 -	5.0	0.79 -	0.27	2.90 -	1568.	49.	7.
720	0000	-885	37.1942	80.3933	MPR-1	1.6 +	1.6	4.7 -	0.99 -	0.34	2.95 --	1532.	53.	6.
721	0000	-886	37.1942	80.3940	MPR-1	1.5 +	1.8	4.5 -	1.16 -	0.39 +	2.94 --	1490.	54.	5.
722	0000	-890	37.1942	80.3945	MPR-1	1.4 +	1.8	3.9 -	1.28 -	0.46 +	2.82 --	1439.	54.	5.
723	0000	-880	37.1942	80.3952	MPR-1	1.3	2.0	3.6 -	1.56	0.54 ++	2.89 --	1400.	54.	5.
724	0000	-880	37.1942	80.3958	MPR-1	1.1	2.3	3.8 -	2.10	0.60 ++	3.50 -	1374.	53.	4.
725	0000	-892	37.1942	80.3964	MMCC	1.0	2.4	4.0 --	2.55	0.61 ++	4.18 -	1339.	52.	4.
726	0000	-891	37.1942	80.3970	MMCC	0.9	2.4	4.3 -	2.79	0.56 ++	4.99 -	1332.	49.	5.
727	0000	-884	37.1942	80.3976	MMCC	0.8	2.4	4.5 -	3.02	0.53 ++	5.71	1307.	48.	5.
728	0000	-881	37.1942	80.3983	MMCC	0.8	2.3	4.6 -	2.91	0.50 ++	5.82	1312.	48.	5.
729	0000	-887	37.1942	80.3988	MMCC	0.8	2.4	4.9 -	2.99	0.48 +	6.19	1324.	47.	5.
730	0000	-893	37.1942	80.3995	MMCC	0.8	2.2	4.9 -	2.70	0.45 +	5.96	1330.	47.	6.
731	0000	-889	37.1942	80.4001	MMCC	0.8	2.2	4.8 -	2.69	0.47 +	5.78	1343.	49.	7.
732	0000	-897	37.1942	80.4007	MMCC	0.9	2.1	4.5 -	2.38	0.47 +	5.03 -	1386.	47.	9.
733	0000	-905	37.1942	80.4014	MMCC	1.0	2.0	4.2 -	2.09	0.48 +	4.37 -	1409.	50.	10.
734	0000	-892	37.1942	80.4019	MMCC	1.1	1.8	4.6 -	1.62	0.39 +	4.18 -	1470.	49.	12.
735	0000	-890	37.1942	80.4026	MMCC	1.2	1.7	4.6 -	1.40	0.36	3.85 -	1517.	48.	12.
736	0000	-909	37.1942	80.4032	MPR-1	1.3	1.7	4.7 -	1.28 -	0.36	3.60 -	1536.	49.	12.
737	0000	-926	37.1942	80.4038	MPR-1	1.4 +	1.7	5.1	1.21 -	0.33	3.72 -	1584.	47.	11.
738	0000	-941	37.1942	80.4045	MPR-1	1.4 +	1.7	5.7	1.20 -	0.29	4.09 -	1610.	46.	10.
739	0000	-948	37.1941	80.4050	MPR-1	1.4 +	1.8	6.1	1.29 -	0.30	4.35 -	1612.	50.	8.
740	0000	-932	37.1941	80.4057	MPR-1	1.4	2.0	6.6	1.45	0.30	4.82 -	1607.	53.	6.
741	0000	-908	37.1941	80.4063	MPR-1	1.3	2.2	6.4	1.71	0.35	4.92 -	1594.	52.	4.
742	0000	-893	37.1941	80.4069	MPR-1	1.2	2.5	7.1	2.15	0.36	6.05	1584.	53.	3.
743	0000	-889	37.1941	80.4075	MPR-1	1.1	2.8	7.2	2.50	0.38 +	6.50	1618.	53.	1.
744	0000	-891	37.1941	80.4081	MPR-1	1.1	2.7	7.5	2.50	0.36 +	6.90	1617.	55.	1.
745	0000	-886	37.1942	80.4088	MPR-1	1.1	2.8 +	7.7	2.57	0.36 +	7.13	1638.	57.	1.
746	0000	-885	37.1942	80.4094	MPR-1	1.1	2.7	8.1	2.56	0.34	7.57	1681.	54.	1.
747	0000	-894	37.1941	80.4100	MPR-1	1.1	2.8	8.4	2.54	0.33	7.73	1729.	52.	1.
748	0000	-894	37.1941	80.4106	MPR-1	1.1	2.8 +	8.3	2.51	0.34	7.45	1755.	52.	2.
749	0000	-888	37.1941	80.4112	MPR-1	1.2	2.7	8.3	2.26	0.33	6.93	1792.	52.	3.
750	0000	-890	37.1941	80.4118	MPR-1	1.2	2.5	8.8	2.07	0.28	7.33	1815.	50.	5.
751	0000	-896	37.1941	80.4124	MPR-1	1.2	2.6	8.5	2.20	0.31	7.08	1826.	50.	6.
752	0000	-895	37.1941	80.4131	MPR-1	1.2	2.5	8.2	2.04	0.31	6.61	1835.	50.	7.
753	0000	-888	37.1941	80.4137	MPR-1	1.3	2.3	7.7	1.75	0.31	5.72	1835.	52.	8.
754	0000	-893	37.1941	80.4143	MPR-1	1.3	2.1	7.4	1.60	0.29	5.54	1822.	54.	9.
755	0000	-899	37.1941	80.4150	MPR-1	1.3	1.9	7.9	1.42	0.24	5.95	1821.	54.	10.
756	0000	-893	37.1940	80.4155	MPR-1	1.3	1.9	7.5	1.43	0.25	5.69	1817.	55.	10.
757	0000	-892	37.1940	80.4162	MPR-1	1.4	1.7	7.3	1.26 -	0.23	5.42	1809.	58.	10.
758	0000	-897	37.1940	80.4168	MPR-1	1.4 +	1.6	7.7	1.15 -	0.21	5.49	1850.	56.	10.
759	0000	-892	37.1941	80.4174	MMCC	1.4	1.6	7.7	1.14 -	0.21	5.43	1848.	55.	9.
760	0000	-886	37.1941	80.4180	MMCC	1.4	1.6	8.1	1.10 -	0.19 -	5.73	1836.	54.	9.
761	0000	-893	37.1941	80.4186	MMCC	1.4	1.5 -	8.2	1.08 -	0.18 -	5.93	1805.	52.	8.
762	0000	-901	37.1941	80.4193	MMCC	1.3	1.7	8.0	1.27	0.21	6.01	1772.	52.	7.
763	0000	-895	37.1941	80.4199	MMCC	1.2	1.8	8.0	1.44	0.22	6.54	1726.	52.	6.
764	0000	-893	37.1941	80.4205	MMCC	1.1	2.1	7.8	1.82	0.27	6.84	1681.	51.	4.
765	0000	-899	37.1940	80.4211	MMCC	1.0	2.1	7.8	2.08	0.27	7.60	1609.	50.	3.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-898	37.1940	80.4217	MMCC	0.9	2.0	7.9	2.14	0.25	8.44	1549.	50.	2.
767	0000	-897	37.1940	80.4223	MMCC	0.8	2.2	7.4	2.84	0.30	9.45	1475.	50.	2.
768	0000	-898	37.1940	80.4230	MMCC	0.7	2.3	7.1	3.35 +	0.33	10.23	1438.	52.	2.
769	0000	-893	37.1940	80.4236	MMCC	0.6	2.4	6.7	3.65 +	0.35	10.32	1398.	53.	2.
770	0000	-894	37.1940	80.4242	MMCC	0.6	2.3	6.7	3.65 +	0.35	10.55	1373.	55.	2.
771	0000	-902	37.1940	80.4248	MMCC	0.7	1.9	6.3	2.94	0.30	9.65	1363.	54.	4.
772	0000	-905	37.1940	80.4254	MMCC	0.7	1.9	6.1	2.90	0.32	9.07	1363.	56.	4.
773	0000	-907	37.1940	80.4261	MMCC	0.7	1.9	6.4	2.72	0.30	9.00	1397.	57.	6.
774	0000	-900	37.1940	80.4266	MMCC	0.8	1.9	6.9	2.43	0.27	8.99	1446.	57.	7.
775	0000	-895	37.1940	80.4273	MMCC	0.8	1.9	6.9	2.39	0.28	8.65	1478.	53.	8.
776	0000	-907	37.1940	80.4279	MMCC	0.8	1.8	7.6	2.26	0.24	9.40	1524.	53.	9.
777	0000	-912	37.1940	80.4285	MMCC	0.9	1.6	7.5	1.93	0.22	8.76	1553.	53.	10.
778	0000	-903	37.1940	80.4292	MMCC	0.9	1.7	7.8	1.97	0.22	8.85	1578.	54.	10.
779	0000	-903	37.1940	80.4298	MMCC	0.9	1.6	7.8	1.79	0.21	8.62	1589.	53.	11.
780	0000	-908	37.1940	80.4304	MMCC	0.9	1.7	7.5	1.84	0.22	8.19	1606.	51.	12.
781	0000	-906	37.1940	80.4310	MMCC	0.9	1.7	7.5	1.81	0.23	7.85	1653.	52.	12.
782	0000	-905	37.1940	80.4316	MMCC	1.0	1.7	7.5	1.76	0.23	7.63	1682.	55.	12.
783	0000	-898	37.1940	80.4322	MMCC	1.0	1.8	7.4	1.70	0.24	7.06	1723.	55.	12.
784	0000	-895	37.1940	80.4328	MMCC	1.1	2.0	8.1	1.79	0.25	7.18	1799.	51.	12.
785	0000	-905	37.1940	80.4335	MMCC	1.1	2.1	8.5	1.90	0.25	7.58	1842.	51.	11.
786	0000	-903	37.1940	80.4340	MMCC	1.2	2.3	9.2 +	1.95	0.25	7.88	1894.	51.	10.
787	0000	-898	37.1940	80.4347	MMCC	1.2	2.3	9.3 +	1.95	0.25	7.78	1904.	52.	9.
788	0000	-905	37.1940	80.4353	MMCC	1.2	2.2	9.2 +	1.86	0.24	7.72	1884.	52.	10.
789	0000	-905	37.1940	80.4359	MMCC	1.2	2.1	9.6 +	1.72	0.22	7.68	1896.	51.	11.
790	0000	-898	37.1940	80.4365	MMCC	1.2	1.9	9.5 +	1.52	0.20 -	7.62	1864.	51.	12.
791	0000	-900	37.1939	80.4371	MMCC	1.2	1.6	9.1 +	1.40	0.18 -	7.84	1789.	52.	14.
792	0000	-905	37.1939	80.4378	MMCC	1.1	1.7	8.5	1.55	0.20 -	7.69	1732.	52.	15.
793	0000	-908	37.1939	80.4383	MMCC	1.0	1.3 -	7.9	1.28	0.17 -	7.66	1674.	52.	17.
794	0000	-907	37.1939	80.4390	MMCC	1.0	1.2 --	7.4	1.15 -	0.16 -	7.37	1630.	54.	19.
795	0000	-904	37.1939	80.4397	MMCC	1.0	1.2 --	7.6	1.18 -	0.15 -	7.70	1614.	53.	20.
796	0000	-906	37.1939	80.4402	MMCC	1.0	1.1 --	7.8	1.11 -	0.14 --	8.08	1593.	53.	21.
797	0000	-907	37.1939	80.4409	MMCC	1.0	1.1 --	7.6	1.15 -	0.15 --	7.87	1589.	55.	22.
798	0000	-905	37.1939	80.4415	MMCC	1.0	1.1 --	7.2	1.13 -	0.15 --	7.44	1582.	54.	21.
799	0000	-908	37.1940	80.4421	MMCC	0.9	1.1 --	7.1	1.15 -	0.15 --	7.52	1554.	53.	21.
800	0000	-905	37.1939	80.4428	MMCC	1.0	1.2 -	7.1	1.26 -	0.17 -	7.43	1533.	54.	20.
801	0000	-903	37.1939	80.4433	MMCC	0.9	1.4 -	7.4	1.61	0.19 -	8.69	1516.	51.	19.
802	0000	-909	37.1939	80.4440	MMCC	0.8	1.4 -	6.9	1.72	0.21	8.34	1500.	50.	18.
803	0000	-909	37.1939	80.4445	MMCC	0.8	1.5	6.8	1.86	0.23	8.20	1480.	50.	16.
804	0000	-908	37.1939	80.4452	MMCC	0.8	1.5 -	7.4	1.83	0.20 -	9.07	1482.	50.	14.
805	0000	-914	37.1939	80.4458	MMCC	0.8	1.6	7.8	1.95	0.21	9.40	1485.	52.	12.
806	0000	-913	37.1939	80.4464	MMCC	0.9	1.7	8.1	1.93	0.21	9.09	1529.	55.	11.
807	0000	-908	37.1939	80.4470	MMCC	0.9	2.0	8.1	2.11	0.24	8.69	1588.	54.	8.
808	0000	-916	37.1939	80.4476	MMCC	1.0	1.9	8.4	1.94	0.23	8.52	1615.	54.	7.
809	0000	-916	37.1939	80.4483	MMCC	1.0	2.0	8.4	2.10	0.24	8.68	1594.	54.	6.
810	0000	-913	37.1939	80.4489	MMCC	0.9	2.0	7.9	2.15	0.25	8.57	1559.	53.	5.
811	0000	-918	37.1939	80.4495	MMCC	0.8	2.2	6.9	2.64	0.32	8.24	1506.	51.	4.
812	0000	-913	37.1939	80.4501	MMCC	0.8	2.3	6.5	2.90	0.36	8.02	1478.	51.	5.
813	0000	-903	37.1939	80.4507	MMCC	0.8	2.1	6.8	2.78	0.31	8.84	1458.	50.	5.
814	0000	-910	37.1939	80.4514	MMCC	0.8	2.1	6.7	2.79	0.32	8.82	1438.	52.	5.
815	0000	-916	37.1939	80.4520	MMCC	0.8	2.3	6.6	2.75	0.34	8.05	1459.	51.	5.
816	0000	-909	37.1939	80.4526	MMCC	0.8	2.4	6.9	2.80	0.34	8.18	1485.	53.	5.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-912	37.1938	80.4532	MMCC	0.9	2.3	7.4	2.56	0.31	8.38	1517.	54.	4.
818	0000	-917	37.1938	80.4538	MMCC	0.9	2.2	8.0	2.36	0.27	8.67	1566.	54.	3.
819	0000	-915	37.1938	80.4545	MMCC	0.9	2.2	8.3	2.47	0.27	9.17	1603.	50.	2.
820	0000	-918	37.1938	80.4550	MMCC	0.9	2.3	8.1	2.41	0.28	8.53	1611.	50.	2.
821	0000	-919	37.1938	80.4557	MMCC	0.9	2.4	7.9	2.53	0.30	8.41	1613.	49.	1.
822	0000	-917	37.1938	80.4563	MMCC	0.9	2.3	8.3	2.53	0.28	9.05	1611.	50.	1.
823	0000	-918	37.1938	80.4568	MMCC	1.0	2.4	8.1	2.49	0.30	8.40	1630.	49.	0.
824	0000	-915	37.1938	80.4575	MMCC	1.0	2.4	8.2	2.50	0.30	8.45	1644.	51.	1.
825	0000	-913	37.1938	80.4581	MMCC	1.0	2.4	8.2	2.42	0.29	8.24	1617.	52.	0.
826	0000	-918	37.1938	80.4588	MMCC	1.0	2.1	8.1	2.13	0.26	8.17	1572.	52.	1.
827	0000	-918	37.1938	80.4594	MMCC	1.0	2.2	7.8	2.25	0.28	8.11	1536.	51.	2.
828	0000	-915	37.1938	80.4600	MMCC	0.9	1.9	7.6	2.07	0.25	8.24	1488.	51.	3.
829	0000	-912	37.1938	80.4606	MMCC	0.9	1.8	7.2	1.97	0.24	8.08	1441.	54.	3.
830	0000	-912	37.1938	80.4612	MMCC	0.8	1.4 -	7.3	1.66	0.19 -	8.86	1399.	55.	4.
831	0000	-912	37.1938	80.4618	MMCC	0.8	1.5	7.2	1.97	0.21	9.35	1375.	55.	5.
832	0000	-914	37.1938	80.4625	MMCC	0.7	1.5 -	7.0	2.03	0.22	9.40	1370.	56.	6.
833	0000	-920	37.1938	80.4631	MMCC	0.8	1.7	7.0	2.12	0.24	8.88	1398.	57.	6.
834	0000	-919	37.1938	80.4637	MMCC	0.8	1.7	7.4	2.04	0.22	9.15	1450.	55.	7.
835	0000	-912	37.1938	80.4643	MMCC	0.9	1.7	8.1	2.03	0.22	9.41	1496.	55.	6.
836	0000	-908	37.1938	80.4649	MMCC	0.9	1.9	8.0	2.15	0.23	9.23	1512.	53.	6.
837	0000	-909	37.1938	80.4656	MMCC	0.9	2.2	7.8	2.55	0.28	9.15	1528.	50.	6.
838	0000	-913	37.1938	80.4662	MMCC	0.9	2.2	7.6	2.40	0.28	8.46	1541.	47.	5.
839	0000	-913	37.1938	80.4668	MMCC	0.9	2.4	7.6	2.62	0.31	8.40	1556.	46.	5.
840	0000	-913	37.1938	80.4673	MMCC	0.9	2.5 +	7.2	2.78	0.35	7.96	1547.	48.	5.
841	0000	-917	37.1938	80.4680	MMCC	0.8	2.6 +	6.9	3.06	0.38 +	8.10	1509.	50.	4.
842	0000	-914	37.1938	80.4687	MMCC	0.8	2.5 +	6.2	3.05	0.41 +	7.51	1470.	48.	5.
843	0000	-912	37.1937	80.4693	MMCC	0.8	2.6 +	5.9	3.36 +	0.44 +	7.70	1442.	49.	5.
844	0000	-918	37.1937	80.4699	MMCC	0.8	2.4	6.0	2.98	0.40 +	7.42	1423.	50.	6.
845	0000	-917	37.1937	80.4705	CR-1	0.8 -	2.4 +	5.9	3.14 +	0.41	7.74	1417.	52.	8.
846	0000	-916	37.1937	80.4711	CR-1	0.8 -	2.1	6.1	2.61 +	0.34	7.62	1432.	51.	8.
847	0000	-918	37.1937	80.4718	CR-1	0.8 -	2.1	6.6	2.57	0.32	8.14	1483.	48.	9.
848	0000	-911	37.1937	80.4723	CR-1	0.9	2.0	6.7	2.26	0.30	7.52	1561.	48.	10.
849	0000	-907	37.1937	80.4730	CR-1	0.9	2.3	7.2	2.62 +	0.33	8.04	1646.	49.	9.
850	0000	-914	37.1938	80.4735	CR-1	1.0	2.5 +	7.8	2.64 +	0.33	8.08	1765.	47.	8.
851	0000	-917	37.1938	80.4742	CR-1	1.0	2.6 +	8.1	2.53	0.32	8.00	1858.	47.	8.
852	0000	-913	37.1937	80.4748	CR-1	1.1	2.6 +	8.5	2.36	0.31	7.73	1921.	48.	7.
853	0000	-914	37.1937	80.4754	CR-1	1.1	2.9 ++	8.4	2.57	0.34	7.50	1962.	48.	7.
854	0000	-914	37.1937	80.4760	CR-1	1.2	2.8 +	8.7 +	2.38	0.32	7.53	1972.	48.	7.
855	0000	-911	37.1937	80.4767	CR-1	1.1	2.8 +	8.9 +	2.48	0.32	7.83	1945.	47.	6.
856	0000	-911	37.1937	80.4773	CR-1	1.2	2.6 +	8.9 +	2.20	0.29	7.72	1919.	48.	7.
857	0000	-912	37.1937	80.4778	CR-1	1.2	2.3	8.7	1.97	0.27	7.38	1874.	49.	7.
858	0000	-913	37.1937	80.4785	CR-1	1.2	2.3	8.7	1.92	0.26	7.33	1841.	48.	6.
859	0000	-917	37.1937	80.4792	CR-1	1:2	2.3	8.7	1.94	0.26	7.41	1832.	46.	7.
860	0000	-920	37.1937	80.4797	CR-1	1.2	2.3	8.7	2.00	0.27	7.50	1812.	46.	7.
861	0000	-920	37.1937	80.4803	CR-1	1.2	2.4 +	8.6	2.10	0.28	7.42	1807.	48.	6.
862	0000	-922	37.1937	80.4810	CR-1	1.1	2.4	8.4	2.12	0.29	7.44	1807.	49.	7.
863	0000	-921	37.1937	80.4816	CR-1	1.1	2.7 +	8.5	2.42	0.32	7.65	1824.	49.	7.
864	0000	-918	37.1937	80.4822	CR-1	1.1	2.7 +	8.5	2.47	0.32	7.64	1823.	48.	7.
865	0000	-917	37.1937	80.4828	CR-1	1.1	2.9 ++	8.7	2.69 +	0.33	8.11	1821.	48.	7.
866	0000	-914	37.1937	80.4835	CR-1	1.1	2.7 +	8.2	2.53	0.33	7.62	1807.	47.	9.
867	0000	-916	37.1937	80.4840	CR-1	1.1	2.5 +	8.4	2.36	0.30	7.86	1800.	47.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-919	37.1937	80.4847	CR-1	1.0	2.4	8.3	2.31	0.29	8.00	1806.	46.	11.
869	0000	-915	37.1936	80.4853	CR-1	1.1	2.4	8.0	2.27	0.30	7.53	1794.	45.	12.
870	0000	-915	37.1937	80.4859	CR-1	1.1	2.1	7.6	1.94	0.28	6.91	1758.	48.	13.
871	0000	-919	37.1937	80.4865	CR-1	1.1	1.9	7.3	1.79	0.26	6.75	1741.	47.	13.
872	0000	-917	37.1937	80.4871	CR-1	1.1	1.7	6.7	1.56	0.25	6.16	1721.	51.	15.
873	0000	-917	37.1937	80.4878	CR-1	1.1	1.9	7.1	1.73	0.27	6.50	1709.	52.	13.
874	0000	-918	37.1937	80.4884	CR-1	1.1	2.0	6.9	1.85	0.30	6.19	1702.	53.	12.
875	0000	-914	37.1937	80.4890	CR-1	1.2	2.1	6.8	1.77	0.31	5.79	1691.	52.	12.
876	0000	-917	37.1937	80.4897	CR-1	1.2	1.9	6.9	1.63	0.28	5.87	1686.	54.	11.
877	0000	-924	37.1937	80.4902	CR-1	1.2	2.1	6.9	1.78	0.30	5.98	1680.	51.	11.
878	0000	-922	37.1936	80.4909	CR-1	1.2	2.1	7.2	1.82	0.29	6.22	1671.	52.	10.
879	0000	-916	37.1936	80.4915	CR-1	1.1	2.2	7.4	1.97	0.30	6.66	1656.	50.	9.
880	0000	-917	37.1936	80.4921	CR-1	1.1	1.9	7.3	1.68	0.26	6.40	1656.	52.	10.
881	0000	-919	37.1936	80.4927	CR-1	1.2	1.7	7.4	1.49	0.23	6.36	1683.	49.	11.
882	0000	-916	37.1936	80.4933	CR-1	1.1	1.7	7.0	1.46	0.24	6.12	1669.	50.	11.
883	0000	-916	37.1936	80.4940	CR-1	1.2	1.6	7.2	1.36	0.22	6.14	1659.	51.	11.
884	0000	-915	37.1936	80.4946	CR-1	1.2	1.5 -	7.4	1.22	0.20 -	6.19	1668.	51.	11.
885	0000	-915	37.1936	80.4952	CR-1	1.3	1.3 -	7.5	1.03	0.17 -	5.91	1687.	51.	11.
886	0000	-922	37.1936	80.4958	CR-1	1.4	1.4 -	7.3	1.00	0.19 -	5.41	1713.	53.	11.
887	0000	-920	37.1936	80.4964	CR-1	1.4	1.4 -	7.1	1.04	0.20 -	5.21	1714.	54.	12.
888	0000	-916	37.1936	80.4970	CR-1	1.4	1.2 -	7.0	0.87 -	0.17 -	4.95	1721.	53.	12.
889	0000	-918	37.1936	80.4976	CR-1	1.4	1.2 -	7.0	0.86 -	0.18 -	4.90	1740.	52.	12.
890	0000	-919	37.1936	80.4983	CR-1	1.5	1.3 -	7.0	0.85 -	0.18 -	4.59	1773.	52.	12.
891	0000	-920	37.1936	80.4989	CR-1	1.5	1.4 -	6.8	0.89 -	0.20 -	4.38	1777.	53.	12.
892	0000	-914	37.1936	80.4995	CR-1	1.5	1.4 -	6.2	0.90 -	0.22	4.02	1757.	55.	13.
893	0000	-910	37.1936	80.5002	CR-1	1.6	1.4 -	5.9	0.85 -	0.23	3.68	1754.	52.	14.
894	0000	-921	37.1936	80.5007	CR-1	1.7	1.4 -	5.8	0.80 -	0.24	3.39 -	1781.	49.	14.
895	0000	-920	37.1935	80.5013	CR-1	1.8	1.6	5.2	0.91 -	0.31	2.90 -	1790.	51.	14.
896	0000	-916	37.1935	80.5020	CR-1	1.9 +	1.5 -	5.2	0.76 -	0.29	2.65 -	1845.	52.	14.
897	0000	-921	37.1935	80.5026	CR-1	2.0 +	1.6	4.8 -	0.78 -	0.33	2.38 -	1916.	51.	14.
898	0000	-917	37.1935	80.5032	CR-1	2.2 +	1.4 -	4.5 -	0.64 -	0.31	2.06 --	1975.	50.	14.
899	0000	-917	37.1935	80.5038	CR-1	2.3 +	1.4 -	4.8 -	0.59 -	0.29	2.05 --	2058.	48.	13.
900	0000	-927	37.1935	80.5044	CR-2	2.6 --	1.2 -	5.1 --	0.47	0.24	1.97	2157.	50.	12.
901	0000	-926	37.1936	80.5051	CR-2	2.6 --	1.5 -	5.4 --	0.57	0.28	2.02	2246.	51.	12.
902	0000	-921	37.1936	80.5057	CR-2	2.7 -	1.5 -	5.7 -	0.55	0.26	2.11	2311.	49.	11.
903	0000	-920	37.1936	80.5063	CR-2	2.8 -	1.5 -	5.8 -	0.53	0.25	2.08	2331.	47.	12.
904	0000	-915	37.1935	80.5069	CR-2	2.8 -	1.4 -	5.9 -	0.48	0.23	2.10	2305.	44.	11.
905	0000	-910	37.1935	80.5075	CR-2	2.8 -	1.4 -	6.1 -	0.51	0.23	2.17	2297.	44.	10.
906	0000	-917	37.1935	80.5082	CR-2	2.8 -	1.6 -	5.6 -	0.59	0.29	2.04	2266.	42.	10.
907	0000	-923	37.1935	80.5088	CR-2	2.6 --	1.8	5.2 --	0.70 +	0.35 +	1.99	2186.	41.	9.
908	0000	-919	37.1935	80.5094	CR-1	2.5 ++	1.7	4.8 -	0.67 -	0.35	1.92 --	2072.	43.	9.
909	0000	-918	37.1935	80.5100	CR-1	2.3 +	1.9	4.6 -	0.81 -	0.41 +	1.95 --	1991.	46.	8.
910	0000	-922	37.1935	80.5106	CR-1	2.1 +	2.1	4.6 -	1.02	0.46 +	2.23 -	1901.	46.	7.
911	0000	-920	37.1935	80.5113	(WATER)	1.9	2.3	4.3	1.20	0.53	2.28	1848.	50.	7.
912	0000	-920	37.1935	80.5118	(WATER)	1.7	2.5	4.3	1.41	0.57	2.48	1802.	52.	7.
913	0000	-922	37.1935	80.5125	(WATER)	1.6	2.5	5.0	1.54	0.50	3.10	1751.	52.	7.
914	0000	-918	37.1935	80.5130	(WATER)	1.4	2.3	5.3	1.59	0.43	3.71	1713.	52.	9.
915	0000	-912	37.1935	80.5137	(WATER)	1.4	2.3	5.5	1.68	0.42	4.05	1692.	51.	10.
916	0000	-905	37.1935	80.5144	(WATER)	1.3	1.8	5.8	1.40	0.31	4.50	1636.	50.	11.
917	0000	-902	37.1935	80.5149	CR-1	1.2	1.7	5.7	1.41	0.30	4.68	1559.	52.	12.
918	0000	-910	37.1935	80.5155	CR-1	1.2	1.3 -	5.7	1.10	0.23	4.82	1483.	52.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-919	37.1935	80.5162	CR-1	1.1	1.1 -	5.5	1.06	0.21	5.13	1402.	51.	14.
920	0000	-919	37.1935	80.5168	CR-1	1.0	1.0 --	4.8 -	1.03	0.21	4.79	1359.	51.	15.
921	0000	-916	37.1935	80.5173	CR-1	0.9	1.0 --	4.6 -	1.08	0.22	4.90	1332.	50.	15.
922	0000	-922	37.1935	80.5180	CR-1	1.0	0.9 --	4.7 -	0.90 -	0.19 -	4.68	1310.	50.	16.
923	0000	-925	37.1935	80.5187	CR-1	1.0	1.1 -	4.5 -	1.06	0.25	4.29	1318.	50.	15.
924	0000	-912	37.1935	80.5193	CR-1	1.1	1.0 --	4.5 -	0.93 -	0.23	3.98	1364.	49.	15.
925	0000	-913	37.1935	80.5200	CR-1	1.1	1.4 -	4.6 -	1.33	0.31	4.29	1421.	48.	14.
926	0000	-921	37.1935	80.5206	CR-1	1.1	1.7	4.7 -	1.52	0.35	4.34	1467.	49.	14.
927	0000	-914	37.1935	80.5212	CR-1	1.1	1.8	5.0	1.61	0.37	4.33	1528.	50.	13.
928	0000	-915	37.1935	80.5219	CR-1	1.2	2.0	5.2	1.69	0.38	4.43	1551.	53.	13.
929	0000	-921	37.1936	80.5226	CR-1	1.1	2.3	5.2	2.14	0.44 +	4.86	1581.	52.	12.
930	0000	-914	37.1936	80.5232	CR-1	1.0	2.4	5.5	2.51	0.44 +	5.77	1590.	52.	13.
931	0000	-913	37.1936	80.5238	CR-1	0.9	2.6 +	5.9	2.92 +	0.44 +	6.69	1597.	52.	13.
932	0000	-915	37.1936	80.5245	CR-1	0.8 -	2.6 +	6.3	3.36 +	0.42 +	8.02	1575.	52.	13.
933	0000	-911	37.1936	80.5251	CR-1	0.8 -	2.3	6.5	2.78 +	0.35	8.02	1577.	52.	14.
934	0000	-913	37.1936	80.5258	CR-1	0.7 -	2.4	6.9	3.29 +	0.34	9.57 +	1548.	51.	14.
935	0000	-910	37.1936	80.5264	CR-1	0.7 -	2.4	7.1	3.57 +	0.33	10.70 +	1542.	49.	14.
936	0000	-909	37.1936	80.5270	CR-1	0.7 -	2.2	7.2	3.09 +	0.30	10.33 +	1523.	49.	14.
937	0000	-917	37.1937	80.5276	CR-1	0.7 -	2.2	7.2	3.11 +	0.30	10.44 +	1509.	49.	14.
938	0000	-915	37.1937	80.5283	CR-1	0.7 -	2.5 +	7.0	3.80 +	0.36	10.64 +	1496.	48.	13.
939	0000	-913	37.1937	80.5289	CR-1	0.7 -	2.3	6.6	3.15 +	0.36	8.83 +	1478.	48.	12.
940	0000	-915	37.1937	80.5296	CR-1	0.7 -	2.5 +	6.5	3.50 +	0.39	9.08 +	1442.	48.	11.
941	0000	-914	37.1937	80.5302	CR-1	0.7 -	2.3	6.3	3.07 +	0.36	8.58 +	1411.	48.	11.
942	0000	-919	37.1937	80.5309	CR-1	0.8 -	2.3	5.9	3.05 +	0.40	7.70	1373.	47.	10.
943	0000	-918	37.1937	80.5315	CR-1	0.7 -	2.3	5.7	3.27 +	0.40	8.13	1347.	47.	10.
944	0000	-910	37.1937	80.5322	CR-1	0.7 -	2.3	5.4	3.42 +	0.42 +	8.09	1307.	48.	9.
945	0000	-912	37.1937	80.5328	CR-1	0.6 -	1.8	5.2	2.79 +	0.35	8.03	1248.	48.	9.
946	0000	-914	37.1937	80.5335	CR-1	0.6 -	1.9	4.8 -	3.06 +	0.39	7.81	1219.	46.	9.
947	0000	-912	37.1937	80.5341	CR-1	0.6 -	2.0	4.5 -	3.47 +	0.45 +	7.65	1190.	46.	9.
948	0000	-912	37.1937	80.5347	CR-1	0.6 -	2.1	4.3 -	3.75 +	0.50 +	7.51	1156.	47.	8.
949	0000	-914	37.1937	80.5353	CR-1	0.5 -	1.9	4.3 -	3.52 +	0.43 +	8.19	1116.	49.	9.
950	0000	-913	37.1937	80.5360	CR-1	0.5 -	1.9	4.0 -	3.83 +	0.49 +	7.86	1074.	48.	9.
951	0000	-910	37.1937	80.5367	CR-1	0.5 -	1.8	3.4 -	3.41 +	0.53 +	6.41	1038.	46.	10.
952	0000	-912	37.1938	80.5372	CR-1	0.6 -	1.7	3.0 -	3.06 +	0.57 +	5.36	1030.	48.	11.
953	0000	-916	37.1938	80.5379	CR-1	0.6 -	1.5	3.3 -	2.54	0.46 +	5.56	1040.	51.	11.
954	0000	-917	37.1938	80.5385	CR-1	0.7 -	1.4 -	3.6 -	2.02	0.38	5.31	1067.	50.	12.
955	0000	-915	37.1938	80.5392	CR-1	0.8 -	1.2 -	3.4 -	1.54	0.35	4.45	1095.	52.	12.
956	0000	-912	37.1938	80.5399	CR-1	0.8 -	1.6	3.4 -	1.98	0.46 +	4.32	1141.	53.	10.
957	0000	-919	37.1938	80.5405	CR-1	0.9	1.6	3.6 -	1.77	0.44 +	4.01	1188.	55.	9.
958	0000	-931	37.1938	80.5411	CR-1	0.9	1.8	3.9 -	1.99	0.46 +	4.33	1231.	56.	8.
959	0000	-934	37.1939	80.5418	CR-1	0.9	2.0	4.0 -	2.11	0.49 +	4.30	1248.	54.	6.
960	0000	-934	37.1939	80.5424	CR-1	0.9	2.2	3.9 -	2.38	0.55 +	4.30	1244.	54.	4.
961	0000	-930	37.1939	80.5430	CR-1	0.9	2.5 +	3.6 -	2.78 +	0.69 ++	4.04	1230.	54.	3.
962	0000	-920	37.1939	80.5436	CR-1	0.8	2.6 +	3.6 -	3.17 +	0.73 ++	4.34	1215.	55.	2.
963	0000	-920	37.1939	80.5443	CR-1	0.9	2.6 +	3.3 -	3.10 +	0.80 ++	3.89	1219.	52.	1.
964	0000	-920	37.1939	80.5449	CR-1	0.8	2.6 +	3.6 -	3.16 +	0.73 ++	4.35	1210.	50.	1.
965	0000	-910	37.1939	80.5456	CR-1	0.8	2.5 +	4.2 -	3.00 +	0.60 ++	5.03	1201.	50.	1.
966	0000	-907	37.1939	80.5463	CR-1	0.8 -	2.5 +	4.2 -	3.13 +	0.59 ++	5.27	1212.	51.	0.
967	0000	-909	37.1940	80.5469	CR-1	0.8 -	2.2	4.4 -	2.80 +	0.51 +	5.51	1214.	51.	2.
968	0000	-912	37.1940	80.5475	CR-1	0.8 -	2.0	4.7 -	2.60 +	0.43 +	5.99	1208.	53.	2.
969	0000	-911	37.1940	80.5482	CR-1	0.8 -	1.8	4.6 -	2.42	0.40	6.12	1211.	50.	3.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-908	37.1940	80.5488	CR-1	0.8 -	1.7	5.0	2.11	0.33	6.43	1202.	52.	4.
971	0000	-912	37.1940	80.5495	CR-1	0.7 -	1.7	4.8 -	2.32	0.35	6.55	1198.	53.	5.
972	0000	-914	37.1940	80.5501	CR-1	0.7 -	1.6	4.2 -	2.27	0.39	5.87	1201.	52.	7.
973	0000	-909	37.1940	80.5507	CR-1	0.7 -	1.6	4.5 -	2.17	0.35	6.14	1209.	49.	7.
974	0000	-910	37.1940	80.5513	CR-1	0.7 -	1.8	4.7 -	2.48	0.38	6.50	1214.	51.	7.
975	0000	-910	37.1940	80.5520	CR-1	0.7 -	1.7	4.6 -	2.36	0.38	6.25	1226.	49.	8.
976	0000	-904	37.1940	80.5527	CR-1	0.7 -	1.9	5.1	2.58 +	0.38	6.81	1246.	49.	7.
977	0000	-904	37.1940	80.5532	CR-1	0.7 -	1.9	5.2	2.77 +	0.37	7.47	1248.	47.	7.
978	0000	-904	37.1940	80.5539	CR-1	0.7 -	2.0	5.5	2.87 +	0.37	7.76	1266.	47.	6.
979	0000	-901	37.1940	80.5546	CR-1	0.7 -	2.2	5.9	3.09 +	0.38	8.11	1284.	49.	6.
980	0000	-902	37.1940	80.5552	CR-1	0.7 -	2.3	6.0	3.17 +	0.38	8.27 +	1301.	51.	6.
981	0000	-907	37.1940	80.5559	CR-1	0.8 -	2.4	5.7	3.09 +	0.42 +	7.28	1327.	50.	6.
982	0000	-908	37.1941	80.5565	CR-1	0.8	2.7 +	5.7	3.22 +	0.47 +	6.90	1354.	51.	5.
983	0000	-909	37.1941	80.5571	CR-1	0.8	2.7 +	5.3	3.22 +	0.52 +	6.24	1371.	51.	5.
984	0000	-911	37.1941	80.5578	CR-1	0.9	2.6 +	5.4	2.90 +	0.48 +	6.05	1393.	54.	5.
985	0000	-917	37.1941	80.5584	CR-1	1.0	2.5 +	5.4	2.56	0.46 +	5.62	1420.	52.	5.
986	0000	-915	37.1941	80.5591	CR-1	1.0	2.4	5.3	2.28	0.45 +	5.08	1432.	52.	4.
987	0000	-910	37.1941	80.5596	CR-1	1.1	2.4 +	5.0	2.27	0.49 +	4.65	1430.	50.	4.
988	0000	-917	37.1941	80.5603	CR-1	1.1	2.2	5.1	1.96	0.43 +	4.53	1417.	48.	4.
989	0000	-915	37.1942	80.5610	CR-1	1.1	1.9	5.3	1.73	0.37	4.68	1438.	47.	4.
990	0000	-907	37.1942	80.5616	CR-1	1.2	1.7	5.5	1.41	0.30	4.70	1443.	46.	4.
991	0000	-908	37.1942	80.5623	(WATER)	1.2	1.6	5.2	1.32	0.31	4.31	1452.	44.	5.
992	0000	-903	37.1942	80.5629	(WATER)	1.2	1.5	5.2	1.24	0.29	4.22	1457.	44.	5.
993	0000	-893	37.1942	80.5635	(WATER)	1.2	1.4	5.2	1.10	0.26	4.22	1469.	43.	6.
994	0000	-893	37.1942	80.5642	(WATER)	1.2	1.4	4.9	1.15	0.29	3.96	1466.	43.	7.
995	0000	-900	37.1942	80.5648	(WATER)	1.2	1.7	4.5	1.43	0.37	3.86	1443.	43.	8.
996	0000	-910	37.1942	80.5655	(WATER)	1.1	1.4	4.1	1.26	0.35	3.59	1371.	45.	9.
997	0000	-914	37.1943	80.5661	(WATER)	1.1	1.5	3.6	1.39	0.41	3.37	1295.	44.	10.
998	0000	-912	37.1943	80.5668	CR-1	1.0	1.5	3.3 -	1.60	0.46 +	3.46	1219.	44.	12.
999	0000	-914	37.1943	80.5674	CR-1	0.8	1.6	2.9 --	1.97	0.55 +	3.56	1159.	46.	13.
1000	0000	-913	37.1943	80.5680	CR-1	0.8	1.5 -	2.8 --	1.78	0.53 +	3.33 -	1147.	47.	14.
1001	0000	-913	37.1943	80.5687	CR-1	0.8	1.4 -	3.0 -	1.75	0.49 +	3.60	1179.	47.	15.
1002	0000	-909	37.1943	80.5693	CR-1	1.0	1.1 -	3.4 -	1.14	0.31	3.61	1257.	46.	16.
1003	0000	-900	37.1943	80.5699	CR-1	1.0	1.4 -	4.1 -	1.36	0.34	4.01	1356.	44.	16.
1004	0000	-902	37.1944	80.5706	CR-1	1.1	1.4 -	4.8 -	1.25	0.29	4.35	1492.	45.	16.
1005	0000	-901	37.1944	80.5712	CR-1	1.3	1.6	5.5	1.25	0.28	4.41	1628.	46.	16.
1006	0000	-898	37.1944	80.5719	CR-1	1.4	1.7	6.1	1.16	0.27	4.29	1751.	46.	15.
1007	0000	-905	37.1944	80.5725	CR-1	1.5	1.7	6.5	1.17	0.27	4.39	1815.	46.	15.
1008	0000	-906	37.1944	80.5732	CR-1	1.6	1.6	7.3	1.01	0.22	4.61	1872.	45.	15.
1009	0000	-901	37.1944	80.5738	CR-1	1.5	2.1	7.6	1.33	0.27	4.91	1917.	46.	14.
1010	0000	-904	37.1944	80.5745	CR-1	1.6	2.2	7.6	1.41	0.29	4.90	1959.	49.	13.
1011	0000	-906	37.1944	80.5751	CR-1	1.6	2.4	7.5	1.47	0.32	4.64	1978.	47.	13.
1012	0000	-904	37.1944	80.5758	CR-1	1.7	2.1	7.5	1.22	0.27	4.43	1979.	47.	13.
1013	0000	-903	37.1944	80.5764	CR-1	1.7	1.7	7.5	1.04	0.23	4.45	1956.	49.	14.
1014	0000	-902	37.1944	80.5770	CR-1	1.6	1.8	7.3	1.12	0.24	4.58	1911.	50.	14.
1015	0000	-896	37.1944	80.5776	CR-1	1.5	1.7	6.8	1.18	0.26	4.63	1838.	51.	16.
1016	0000	-898	37.1944	80.5783	CR-1	1.4	1.6	6.8	1.20	0.24	4.96	1750.	53.	16.
1017	0000	-905	37.1944	80.5789	CR-1	1.2	1.4 -	6.9	1.13	0.20 -	5.53	1658.	51.	16.
1018	0000	-903	37.1944	80.5796	CR-1	1.1	1.3 -	7.1	1.19	0.18 -	6.49	1564.	52.	15.
1019	0000	-897	37.1945	80.5802	CR-1	0.9	1.5	7.2	1.70	0.21	8.02	1485.	52.	14.
1020	0000	-902	37.1945	80.5809	CR-1	0.7 -	2.0	7.0	2.69 +	0.28	9.52 +	1437.	53.	12.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-905	37.1945	80.5815	CR-1	0.7 -	2.1	7.4	3.15 +	0.28	11.15 +	1410.	53.	9.
1022	0000	-899	37.1945	80.5822	CR-1	0.6 -	2.3	7.4	3.81 +	0.31	12.31 +	1401.	53.	7.
1023	0000	-902	37.1945	80.5828	CR-1	0.6 -	2.2	7.6	3.66 +	0.28	12.87 ++	1393.	52.	6.
1024	0000	-906	37.1945	80.5835	CR-1	0.6 -	2.4	7.6	4.12 +	0.31	13.35 ++	1386.	52.	6.
1025	0000	-903	37.1945	80.5841	CR-1	0.6 -	2.3	7.2	4.09 +	0.32	12.89 ++	1351.	52.	6.
1026	0000	-902	37.1945	80.5847	CR-1	0.5 -	2.2	6.9	4.02 +	0.31	12.86 ++	1304.	53.	6.
1027	0000	-902	37.1945	80.5853	CR-1	0.5 -	1.9	6.7	3.53 +	0.28	12.64 +	1246.	51.	8.
1028	0000	-902	37.1946	80.5860	CR-1	0.5 -	1.8	6.5	3.61 +	0.29	12.63 +	1216.	50.	10.
1029	0000	-901	37.1946	80.5866	CR-1	0.5 -	1.7	6.5	3.27 +	0.25	12.83 ++	1197.	48.	10.
1030	0000	-900	37.1946	80.5872	CR-1	0.6 -	1.6	6.3	2.74 +	0.25	10.95 +	1202.	49.	11.
1031	0000	-906	37.1946	80.5879	CR-1	0.7 -	1.4 -	6.1	1.98	0.22	8.87 +	1235.	50.	11.
1032	0000	-905	37.1946	80.5885	CR-1	0.8 -	1.6	5.0	2.04	0.27	7.44	1346.	49.	11.
1033	0000	-898	37.1946	80.5892	CR-1	1.0	1.6	6.0	1.57	0.26	5.95	1453.	49.	10.
1034	0000	-899	37.1946	80.5898	CR-1	1.2	1.6	5.6	1.31	0.29	4.56	1561.	48.	9.
1035	0000	-904	37.1947	80.5905	CR-1	1.5	1.7	5.1	1.18	0.33	3.52	1647.	48.	8.
1036	0000	-902	37.1947	80.5911	CR-1	1.5	1.7	4.4 -	1.05	0.39	2.70 -	1706.	49.	7.
1037	0000	-902	37.1947	80.5918	CR-1	1.7	1.9	3.9 -	1.12	0.49 +	2.26 -	1728.	48.	5.
1038	0000	-900	37.1947	80.5924	CR-1	1.7	2.1	3.6 -	1.23	0.58 +	2.12 --	1722.	47.	4.
1039	0000	-900	37.1947	80.5931	CR-1	1.8	1.9	3.2 -	1.10	0.61 ++	1.81 --	1639.	49.	4.
1040	0000	-905	37.1947	80.5936	CR-1	1.7	2.1	2.5 --	1.23	0.82 ++	1.50 --	1544.	50.	4.
1041	0000	-900	37.1947	80.5943	CR-1	1.5	2.0	2.3 --	1.37	0.86 +++	1.59 --	1911.	51.	4.
1042	0000	-900	37.1947	80.5949	CR-1	1.3	1.9	2.0 --	1.53	0.97 +++	1.58 --	1270.	50.	5.
1043	0000	-910	37.1947	80.5956	(WATER)	1.1	1.8	1.9	1.65	0.92	1.79	1148.	49.	6.
1044	0000	-906	37.1947	80.5962	(WATER)	1.0	1.5	1.9	1.53	0.80	1.92	1074.	50.	7.
1045	0000	-899	37.1947	80.5968	(WATER)	1.0	1.3	1.6	1.33	0.82	1.62	1047.	49.	9.
1046	0000	-903	37.1947	80.5975	(WATER)	0.9	1.3	2.2	1.43	0.60	2.39	1090.	46.	11.
1047	0000	-900	37.1947	80.5982	MMCC	0.9	1.3 -	2.6 ---	1.41	0.51 ++	2.74 --	1151.	45.	11.
1048	0000	-900	37.1947	80.5988	MMCC	1.1	1.5	3.0 --	1.40	0.51 ++	2.74 --	1265.	46.	11.
1049	0000	-907	37.1948	80.5995	MMCC	1.2	1.7	3.6 --	1.36	0.46 +	3.00 --	1390.	45.	12.
1050	0000	-902	37.1948	80.6001	MMCC	1.3	1.8	3.9 --	1.40	0.46 +	3.01 --	1496.	45.	13.
1051	0000	-896	37.1948	80.6007	MMCC	1.3	2.0	4.4 -	1.48	0.45 +	3.31 --	1572.	43.	12.
1052	0000	-901	37.1948	80.6014	MMCC	1.4	2.1	4.9 -	1.52	0.42 +	3.58 -	1612.	45.	11.
1053	0000	-903	37.1948	80.6020	MMCC	1.4 +	2.1	4.9 -	1.49	0.43 +	3.46 -	1633.	45.	10.
1054	0000	-898	37.1948	80.6026	MMCC	1.3	2.4	4.9 -	1.80	0.49 ++	3.66 -	1655.	44.	10.
1055	0000	-898	37.1948	80.6032	MMCC	1.3	2.2	5.2 -	1.76	0.43 +	4.09 -	1642.	43.	11.
1056	0000	-901	37.1948	80.6039	MMCC	1.3	2.2	5.5 -	1.71	0.40 +	4.29 -	1646.	45.	10.
1057	0000	-901	37.1949	80.6046	MMCC	1.3	2.2	6.1	1.65	0.35	4.65 -	1687.	45.	10.
1058	0000	-898	37.1949	80.6052	MMCC	1.4	2.2	6.2	1.61	0.36	4.49 -	1729.	46.	10.
1059	0000	-900	37.1949	80.6059	MMCC	1.4 +	2.2	6.3	1.55	0.35	4.41 -	1769.	46.	11.
1060	0000	-901	37.1949	80.6065	MMCC	1.4	2.4	6.1	1.74	0.40 +	4.41 -	1776.	48.	11.
1061	0000	-898	37.1949	80.6071	MMCC	1.5 +	2.3	6.5	1.59	0.36	4.44 -	1785.	50.	11.
1062	0000	-894	37.1949	80.6078	MMCC	1.5 +	2.3	6.6	1.52	0.35	4.40 -	1799.	49.	11.
1063	0000	-895	37.1949	80.6084	MPR-1	1.5 +	2.4	6.7	1.64	0.36	4.60 -	1812.	50.	11.
1064	0000	-905	37.1949	80.6091	MPR-1	1.4 +	2.6	6.6	1.79	0.38 +	4.66 -	1793.	50.	10.
1065	0000	-908	37.1949	80.6097	MPR-1	1.4	2.7	6.7	1.96	0.40 +	4.94 -	1767.	51.	10.
1066	0000	-902	37.1949	80.6103	MPR-1	1.2	2.9 +	6.6	2.31	0.44 +	5.27	1740.	50.	10.
1067	0000	-900	37.1950	80.6110	MPR-1	1.2	2.6	7.0	2.17	0.37 +	5.79	1717.	50.	10.
1068	0000	-903	37.1950	80.6116	MPR-1	1.2	2.6	7.0	2.21	0.37 +	6.02	1706.	49.	10.
1069	0000	-901	37.1950	80.6123	MPR-1	1.1	2.8 +	6.9	2.44	0.40 +	6.02	1706.	51.	9.
1070	0000	-897	37.1950	80.6129	MPR-1	1.2	2.7	6.7	2.22	0.40 +	5.56	1719.	50.	9.
1071	0000	-897	37.1950	80.6135	MPR-1	1.3	2.4	6.6	1.85	0.37 +	5.05	1736.	50.	9.

CP6 IP17

CP6 IP17

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-898	37.1950	80.6142	MPR-1	1.4 +	2.4	6.5	1.71	0.38 +	4.54 -	1769.	52.	9.
1073	0000	-900	37.1950	80.6148	MPR-1	1.6 +	2.4	6.2	1.52	0.39 +	3.83 -	1802.	51.	8.
1074	0000	-896	37.1950	80.6155	MPR-1	1.7 +	2.6	5.6	1.49	0.45 +	3.20 -	1858.	50.	7.
1075	0000	-894	37.1950	80.6161	MPR-1	1.9 +	2.3	5.5	1.27 -	0.43 +	2.85 --	1907.	49.	8.
1076	0000	-896	37.1950	80.6167	MPR-1	1.9 +	2.1	5.4	1.11 -	0.39 +	2.84 --	1930.	48.	8.
1077	0000	-897	37.1950	80.6174	MPR-1	1.9 +	2.0	5.3	1.06 -	0.38 +	2.81 --	1882.	49.	8.
1078	0000	-895	37.1950	80.6180	MPR-1	1.8 +	1.9	4.8 -	1.10 -	0.40 +	2.72 --	1808.	49.	8.
1079	0000	-897	37.1951	80.6187	MPR-1	1.7 +	1.8	4.5 -	1.09 -	0.41 +	2.66 --	1742.	46.	8.
1080	0000	-903	37.1951	80.6193	MPR-1	1.6 +	1.5	4.5 -	0.95 -	0.34	2.82 --	1689.	46.	9.
1081	0000	-903	37.1951	80.6199	MPR-1	1.5 +	1.3 -	4.4 -	0.86 --	0.29	2.92 --	1622.	48.	8.
1082	0000	-893	37.1951	80.6206	MPR-1	1.4 +	1.4	4.4 -	0.97 -	0.32	3.05 -	1569.	49.	8.
1083	0000	-892	37.1951	80.6212	MPR-1	1.5 +	1.5	4.4 -	1.06 -	0.35	3.02 -	1550.	50.	8.
1084	0000	-896	37.1951	80.6219	MPR-1	1.5 +	2.0	4.2 -	1.32 -	0.48 ++	2.75 --	1623.	49.	7.
1085	0000	-893	37.1951	80.6225	MPR-1	1.7 +	2.4	4.3 -	1.44	0.56 ++	2.59 --	1720.	51.	6.
1086	0000	-893	37.1951	80.6231	MPR-1	1.8 +	2.5	4.5 -	1.41	0.57 ++	2.49 --	1834.	49.	6.
1087	0000	-896	37.1952	80.6238	MPR-1	2.0 +	2.9 +	4.5 -	1.51	0.66 +++	2.29 --	1940.	51.	5.
1088	0000	-898	37.1952	80.6244	MPR-1	2.0 +	3.3 +	5.2	1.60	0.62 ++	2.57 --	2050.	50.	5.
1089	0000	-897	37.1952	80.6251	MPR-1	2.2 ++	3.5 +	5.1	1.58	0.68 +++	2.32 --	2128.	51.	4.
1090	0000	-892	37.1952	80.6258	MPR-1	2.3 ++	3.5 ++	5.3	1.53	0.66 +++	2.31 --	2230.	49.	4.
1091	0000	-891	37.1952	80.6264	MPR-2	2.4 -	3.3 +	5.4 -	1.36 ++	0.61 ++	2.25	2274.	51.	4.
1092	0000	-896	37.1952	80.6270	MPR-2	2.6 -	3.2 +	5.7	1.24 +	0.56 +	2.23	2334.	48.	5.
1093	0000	-899	37.1952	80.6276	MPR-2	2.6	3.0 +	5.9	1.14 +	0.51 +	2.24	2366.	51.	5.
1094	0000	-901	37.1952	80.6283	MPR-2	2.6	2.9 +	5.6	1.11 +	0.52 +	2.13	2389.	52.	6.
1095	0000	-899	37.1952	80.6289	MPR-2	2.7	2.9 +	5.4 -	1.04 +	0.53 +	1.98	2431.	52.	8.
1096	0000	-895	37.1952	80.6295	MPR-2	2.8	2.9 +	5.4 -	1.03 +	0.54 +	1.89	2487.	51.	9.
1097	0000	-893	37.1952	80.6302	MPR-2	2.9	2.9 +	5.0 -	1.01 +	0.58 +	1.75 -	2512.	53.	10.
1098	0000	-898	37.1952	80.6308	MPR-2	3.0	3.0 +	5.6	1.00 +	0.53 +	1.88	2562.	51.	10.
1099	0000	-898	37.1952	80.6315	MPR-2	3.0	2.7 +	5.8	0.91	0.47 +	1.93	2609.	52.	11.
1100	0000	-893	37.1952	80.6322	MPR-2	3.1	2.6	5.9	0.85	0.45 +	1.89	2643.	50.	12.
1101	0000	-896	37.1953	80.6328	MPR-2	3.2 +	2.5	6.2	0.79	0.41	1.93	2648.	49.	11.
1102	0000	-900	37.1953	80.6334	MPR-2	3.2 +	2.2	6.1	0.70	0.37	1.90	2606.	49.	12.
1103	0000	-897	37.1953	80.6341	MPR-2	3.2	2.0	6.0	0.63	0.33	1.90	2567.	49.	12.
1104	0000	-898	37.1953	80.6347	MPR-2	3.2	1.8	6.0	0.55 -	0.29	1.90	2508.	48.	12.
1105	0000	-899	37.1953	80.6354	MPR-2	3.1	1.7 -	5.4 -	0.55 -	0.31	1.74 -	2460.	49.	13.
1106	0000	-895	37.1953	80.6359	MPR-2	3.1	1.8	5.3 -	0.59	0.34	1.73 -	2410.	50.	13.
1107	0000	-891	37.1953	80.6366	MPR-2	3.0	1.8	5.5 -	0.62	0.33	1.84	2379.	51.	13.
1108	0000	-890	37.1953	80.6372	MPR-2	2.9	1.8	6.0	0.62	0.30	2.05	2386.	51.	13.
1109	0000	-895	37.1954	80.6379	MPR-2	2.9	2.2	6.2	0.77	0.36	2.16	2414.	52.	12.
1110	0000	-896	37.1954	80.6385	MPR-2	2.8	2.2	6.7	0.80	0.33	2.41	2420.	51.	11.
1111	0000	-892	37.1954	80.6392	MPR-2	2.7	2.3	7.2 +	0.87	0.32	2.73 +	2438.	49.	11.
1112	0000	-895	37.1954	80.6398	MPR-2	2.6	2.3	7.7 ++	0.89	0.30	3.00 ++	2439.	52.	11.
1113	0000	-894	37.1954	80.6405	MPR-2	2.5 -	2.4	7.9 ++	0.97	0.30	3.21 ++	2431.	51.	10.
1114	0000	-889	37.1954	80.6411	DCH	2.3 +++	2.4	8.1	1.05 -	0.30	3.57 --	2391.	50.	10.
1115	0000	-892	37.1954	80.6418	DCH	2.2 +++	2.3	8.1	1.07 -	0.29	3.70 --	2324.	51.	10.
1116	0000	-898	37.1954	80.6424	DCH	2.0 ++	2.0	8.5	1.00 -	0.24	4.20 --	2242.	50.	10.
1117	0000	-896	37.1955	80.6430	DCH	2.0 ++	1.9	8.7	0.96 --	0.22	4.45 -	2180.	50.	11.
1118	0000	-890	37.1955	80.6437	DCH	1.9 ++	1.9	8.7	0.96 --	0.21	4.48 -	2136.	52.	11.
1119	0000	-888	37.1955	80.6443	DCH	1.9 ++	1.6	9.1	0.88 --	0.18 -	4.85 -	2086.	50.	11.
1120	0000	-893	37.1955	80.6449	DCH	1.8 ++	1.6	9.1	0.93 --	0.18 -	5.22 -	2021.	52.	12.
1121	0000	-899	37.1955	80.6456	DCH	1.7 ++	1.7	8.9	1.00 -	0.19 -	5.20 -	1966.	52.	12.
1122	0000	-902	37.1955	80.6462	DCH	1.6 +	1.5	8.9	0.95 --	0.17 -	5.58 -	1941.	54.	12.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-894	37.1955	80.6469		DCH	1.6 +	1.5	8.5	0.95 --	0.18 -	5.40 -	1931.	55.	12.
1124	0000	-891	37.1955	80.6475		DCH	1.5 +	1.8	8.1	1.21 -	0.22	5.43 -	1922.	55.	11.
1125	0000	-895	37.1955	80.6482		DCH	1.4 +	1.9	8.0	1.31 -	0.23	5.59 -	1891.	54.	11.
1126	0000	-890	37.1955	80.6488		DCH	1.4 +	2.0	7.6	1.42 -	0.26	5.36 -	1872.	52.	10.
1127	0000	-883	37.1955	80.6494		DCH	1.4 +	1.9	7.5	1.35 -	0.25	5.40 -	1869.	51.	10.
1128	0000	-883	37.1955	80.6501		DCH	1.4 +	2.0	7.6	1.44 -	0.26	5.48 -	1891.	51.	9.
1129	0000	-883	37.1955	80.6507		DCH	1.4 +	2.1	7.6	1.49	0.27	5.44 -	1898.	49.	9.
1130	0000	-889	37.1955	80.6514		DCH	1.4 +	2.1	8.0	1.54	0.27	5.72 -	1890.	49.	9.
1131	0000	-893	37.1955	80.6521		DCH	1.4 +	2.1	7.9	1.45 -	0.26	5.60 -	1884.	49.	10.
1132	0000	-887	37.1956	80.6526		DB-2	1.4	2.0	8.4	1.45	0.24	6.01	1922.	47.	10.
1133	0000	-884	37.1956	80.6532		DB-2	1.4	2.0	8.6	1.44	0.23	6.33	1922.	48.	11.
1134	0000	-892	37.1956	80.6539		DB-2	1.4	1.8	8.4	1.31	0.21	6.17	1906.	50.	13.
1135	0000	-893	37.1956	80.6545		DB-2	1.4	1.6 -	8.4	1.16 -	0.19 -	6.11	1881.	49.	14.
1136	0000	-888	37.1956	80.6552		DB-2	1.3	1.7	8.3	1.25 -	0.20	6.27	1880.	50.	15.
1137	0000	-889	37.1956	80.6558		DB-2	1.3	1.8	8.3	1.38	0.21	6.56	1863.	50.	14.
1138	0000	-888	37.1956	80.6565		DB-2	1.2	1.5 -	8.8	1.24 -	0.17 -	7.25	1810.	53.	14.
1139	0000	-887	37.1957	80.6571		DB-2	1.2	1.5 -	8.1	1.32	0.19 -	7.02	1712.	54.	14.
1140	0000	-897	37.1957	80.6578		DB-2	1.1	1.5 -	7.7	1.36	0.20 -	6.95	1648.	55.	13.
1141	0000	-899	37.1957	80.6584		DB-2	1.0	1.7	7.9	1.66	0.22	7.65	1614.	53.	11.
1142	0000	-890	37.1957	80.6591		DB-2	0.9	1.9	7.9	2.07	0.24	8.47	1572.	55.	10.
1143	0000	-886	37.1957	80.6597		DB-2	0.9	1.9	7.8	2.21	0.25	8.86	1499.	54.	9.
1144	0000	-883	37.1957	80.6604		DB-2	0.8	1.7	7.6	2.05	0.23	9.06	1452.	54.	9.
1145	0000	-888	37.1957	80.6609		DB-2	0.8 -	2.0	7.3	2.62	0.27	9.61 +	1421.	52.	8.
1146	0000	-899	37.1957	80.6616		DB-2	0.7 -	1.8	7.6	2.55	0.24	10.67 +	1414.	51.	8.
1147	0000	-899	37.1957	80.6622		DB-2	0.7 -	2.0	7.4	2.96 +	0.26	11.19 +	1394.	52.	7.
1148	0000	-894	37.1957	80.6629		DB-2	0.6 -	1.9	7.2	3.01 +	0.27	11.13 +	1361.	53.	8.
1149	0000	-895	37.1957	80.6635		DB-2	0.6 -	1.9	7.1	2.91 +	0.26	11.08 +	1325.	52.	8.
1150	0000	-893	37.1957	80.6642		DB-2	0.6 -	1.8	6.9	2.91 +	0.25	11.44 +	1305.	52.	8.
1151	0000	-888	37.1957	80.6648		DB-2	0.6 -	1.9	6.8	2.98 +	0.27	10.99 +	1319.	50.	8.
1152	0000	-884	37.1957	80.6655		DB-2	0.7 -	1.6 -	7.0	2.29	0.23	10.01 +	1365.	49.	9.
1153	0000	-885	37.1958	80.6661		DB-2	0.8 -	1.7	6.8	2.10	0.24	8.68	1412.	49.	10.
1154	0000	-890	37.1958	80.6667		DB-2	0.8	1.6	7.5	1.95	0.22	9.02	1458.	48.	9.
1155	0000	-890	37.1958	80.6674		DB-2	0.9	1.6	7.4	1.77	0.22	8.12	1496.	47.	9.
1156	0000	-890	37.1958	80.6680		DB-2	1.0	1.7	7.2	1.79	0.24	7.50	1545.	48.	10.
1157	0000	-896	37.1958	80.6687		DB-2	1.0	1.9	7.3	1.91	0.26	7.31	1581.	46.	9.
1158	0000	-895	37.1958	80.6693		DB-2	1.0	2.0	7.3	1.98	0.27	7.32	1584.	49.	9.
1159	0000	-890	37.1958	80.6699		DB-2	0.9	2.4	7.2	2.54	0.34	7.58	1579.	50.	7.
1160	0000	-894	37.1958	80.6706		DB-2	0.9	2.3	7.2	2.54	0.32	7.83	1550.	50.	7.
1161	0000	-896	37.1958	80.6712		DB-2	0.9	2.4	7.2	2.54	0.33	7.75	1562.	47.	6.
1162	0000	-892	37.1959	80.6719		DB-2	0.8	2.6	7.7	3.06 +	0.33	9.13	1570.	47.	5.
1163	0000	-892	37.1959	80.6725		DB-2	0.8	2.6	8.0	3.07 +	0.32	9.52	1567.	48.	4.
1164	0000	-890	37.1959	80.6731		DB-2	0.8	2.6	8.3	3.13 +	0.31	10.16 +	1541.	50.	3.
1165	0000	-892	37.1959	80.6738		DB-2	0.8	2.6	8.1	3.18 +	0.32	9.84 +	1534.	50.	2.
1166	0000	-893	37.1959	80.6744		DB-2	0.9	2.4	8.4	2.82 +	0.29	9.86 +	1533.	50.	2.
1167	0000	-886	37.1959	80.6751		DB-2	0.8	2.6	8.5	3.13 +	0.31	10.06 +	1532.	54.	1.
1168	0000	-889	37.1959	80.6758		DB-2	0.8	2.6	8.7	3.16 +	0.30	10.50 +	1499.	56.	1.
1169	0000	-892	37.1960	80.6764		DB-2	0.8	2.4	8.2	2.90 +	0.30	9.74 +	1469.	55.	2.
1170	0000	-883	37.1960	80.6770		DB-2	0.8	2.1	7.9	2.65	0.27	9.78 +	1425.	55.	3.
1171	0000	-886	37.1960	80.6776		DB-2	0.8 -	2.0	7.6	2.62	0.27	9.72 +	1407.	54.	4.
1172	0000	-893	37.1960	80.6783		DB-2	0.8 -	1.8	7.2	2.34	0.25	9.27	1369.	56.	5.
1173	0000	-886	37.1960	80.6789		DB-2	0.7 -	1.7	6.8	2.35	0.25	9.35	1318.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-885	37.1960	80.6795	DB-2	0.7 -	1.6	6.5 -	2.48	0.25	9.90 +	1281.	50.	6.
1175	0000	-887	37.1960	80.6802	DB-2	0.6 -	1.6 -	5.6 -	2.59	0.28	9.36	1247.	49.	7.
1176	0000	-888	37.1960	80.6808	DB-2	0.6 -	1.6 -	5.7 -	2.87 +	0.28	10.36 +	1222.	49.	8.
1177	0000	-888	37.1960	80.6815	DB-2	0.5 -	1.7	5.6 -	3.23 +	0.30	10.63 +	1205.	50.	9.
1178	0000	-883	37.1960	80.6822	DB-2	0.5 -	1.6 -	5.9 -	3.14 +	0.26	11.90 +	1200.	51.	10.
1179	0000	-885	37.1960	80.6827	DB-2	0.4 -	1.5 -	6.2 -	3.43 +	0.24	14.26 ++	1187.	51.	11.
1180	0000	-887	37.1960	80.6834	DB-2	0.4 --	1.4 -	6.2 -	3.37 +	0.22	15.15 ++	1173.	53.	12.
1181	0000	-881	37.1960	80.6841	DB-2	0.4 --	1.3 -	6.0 -	3.35 +	0.22	15.08 ++	1147.	54.	13.
1182	0000	-879	37.1960	80.6847	DLMU-1	0.4	1.3	6.3 +	3.41	0.20 -	16.91 +	1117.	56.	12.
1183	0000	-881	37.1960	80.6854	DLMU-1	0.4	1.0	5.9 +	2.69	0.18 -	15.25	1080.	56.	13.
1184	0000	-884	37.1960	80.6859	DLMU-1	0.4	0.9	6.0 +	2.63	0.16 --	16.74 +	1062.	55.	14.
1185	0000	-885	37.1960	80.6866	DLMU-1	0.4	1.0	5.6 +	2.75	0.18 -	15.10	1051.	56.	14.
1186	0000	-886	37.1960	80.6872	DLMU-1	0.4	1.1	5.5 +	3.02	0.21 -	14.65	1073.	55.	13.
1187	0000	-886	37.1960	80.6877	DLMU-1	0.4	1.6	6.1 +	4.15	0.27	15.48	1139.	52.	11.
1188	0000	-883	37.1960	80.6884	DLMU-1	0.4	1.6	6.7 +	3.77	0.24	15.61	1175.	55.	10.
1189	0000	-884	37.1960	80.6889	DLMU-1	0.5	1.6	6.6 +	3.24	0.24 -	13.56	1215.	56.	10.
1190	0000	-886	37.1960	80.6895	DLMU-1	0.5	1.8	7.0 ++	3.44	0.25	13.51	1270.	56.	8.
1191	0000	-884	37.1960	80.6902	DLMU-2	0.6 ---	1.8	7.2 -	2.88 +	0.25	11.60 +++	1310.	57.	7.
1192	0000	-887	37.1960	80.6907	DLMU-1	0.6	1.9	6.9 +	3.09	0.28	10.94	1325.	55.	5.
1193	0000	-887	37.1960	80.6913	DLMU-1	0.7	2.0	7.0 ++	2.78	0.28	9.89	1325.	56.	4.
1194	0000	-886	37.1961	80.6919	DLMU-1	0.7	1.8	6.4 +	2.50	0.28	8.99	1301.	58.	4.
1195	0000	-888	37.1961	80.6925	DLMU-1	0.7	1.9	5.9 +	2.53	0.32	7.96	1302.	58.	3.
1196	0000	-882	37.1961	80.6931	DLMU-1	0.7	2.1 +	6.3 +	2.89	0.34	8.62	1311.	57.	2.
1197	0000	-877	37.1961	80.6937	DLMU-1	0.7	2.1 +	6.3 +	2.76	0.33	8.38	1327.	58.	3.
1198	0000	-881	37.1961	80.6943	DLMU-1	0.7	2.1 +	6.9 +	2.90	0.30	9.58	1365.	58.	3.
1199	0000	-882	37.1961	80.6949	DLMU-2	0.8 --	2.0	7.5 -	2.63 +	0.27	9.74 ++	1420.	61.	4.
1200	0000	-877	37.1960	80.6955	DLMU-2	0.8 --	2.1	7.7	2.66 +	0.27	9.94 ++	1502.	60.	5.
1201	0000	-872	37.1960	80.6962	DLMU-2	0.8 --	2.0	8.1	2.50 +	0.25	10.00 ++	1553.	58.	5.
1202	0000	-878	37.1960	80.6967	DLMU-2	0.8 -	2.0	8.5	2.33 +	0.23	10.04 ++	1618.	54.	6.
1203	0000	-889	37.1960	80.6973	DLMU-2	0.9 -	1.8	8.5	1.99	0.21	9.31 +	1669.	55.	7.
1204	0000	-883	37.1960	80.6978	DLMU-2	1.0 -	2.0	9.0	1.96	0.22	8.95 +	1728.	53.	7.
1205	0000	-877	37.1960	80.6985	DLMU-2	1.1	2.0	8.9	1.87	0.23	8.11	1762.	52.	7.
1206	0000	-887	37.1960	80.6991	DLMU-2	1.1	2.0	8.7	1.78	0.23	7.60	1765.	52.	6.
1207	0000	-885	37.1960	80.6996	DLMU-2	1.2	2.1	8.7	1.76	0.23	7.47	1765.	50.	5.
1208	0000	-875	37.1960	80.7003	DLMU-2	1.3	1.8	8.4	1.45	0.22	6.66	1785.	52.	6.
1209	0000	-878	37.1960	80.7009	DLMU-2	1.3	1.8	8.9	1.44	0.20	7.06	1805.	55.	6.
1210	0000	-882	37.1960	80.7014	DLMU-2	1.3	2.0	9.0	1.56	0.22	7.05	1846.	54.	6.
1211	0000	-876	37.1960	80.7021	DLMU-2	1.3	2.0	8.9	1.60	0.23	7.12	1830.	54.	7.
1212	0000	-868	37.1960	80.7027	DLMU-2	1.2	2.0	8.2	1.70	0.25	6.80	1811.	57.	8.
1213	0000	-868	37.1960	80.7032	DLMU-2	1.2	2.1	8.3	1.74	0.25	6.93	1836.	54.	10.
1214	0000	-878	37.1960	80.7038	DLMU-2	1.2	2.1	8.4	1.71	0.25	6.91	1864.	56.	11.
1215	0000	-878	37.1960	80.7044	DLMU-2	1.2	2.3	9.0	2.04	0.26	7.80	1886.	53.	12.
1216	0000	-873	37.1960	80.7050	DLMU-2	1.2	2.3	8.4	1.99	0.28	7.11	1854.	53.	13.
1217	0000	-876	37.1960	80.7056	DLMU-2	1.2	2.1	8.0	1.79	0.26	6.90	1794.	52.	15.
1218	0000	-871	37.1960	80.7062	DLMU-2	1.1	1.9	7.8	1.73	0.25	6.98	1788.	53.	15.
1219	0000	-867	37.1960	80.7068	DLMU-2	1.1	2.0	8.0	1.81	0.25	7.23	1820.	53.	14.
1220	0000	-873	37.1960	80.7074	DLMU-2	1.1	2.0	7.9	1.79	0.25	7.15	1813.	52.	14.
1221	0000	-874	37.1960	80.7081	DLMU-2	1.1	2.1	7.6	1.94	0.28	7.00	1779.	50.	13.
1222	0000	-869	37.1960	80.7087	DLMU-2	1.1	2.0	7.1 -	1.75	0.28	6.32	1761.	52.	13.
1223	0000	-867	37.1960	80.7092	DLMU-2	1.2	2.0	7.2 -	1.71	0.28	6.19	1795.	52.	12.
1224	0000	-864	37.1960	80.7098	DLMU-2	1.1	2.0	7.6	1.74	0.26	6.65	1801.	51.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-860	37.1960	80.7104	DLMU-2	1.1	1.9	7.7	1.67	0.25	6.71	1784.	53.	9.
1226	0000	-867	37.1960	80.7110	STC-2	1.2 +	1.7	8.3 +	1.42 -	0.21	6.90 -	1783.	50.	8.
1227	0000	-874	37.1960	80.7115	STC-2	1.2 +	1.5	8.9 ++	1.18 -	0.17 -	7.14 -	1808.	51.	7.
1228	0000	-865	37.1960	80.7122	STC-2	1.2 +	1.4	8.9 ++	1.16 -	0.16 -	7.19 -	1807.	52.	6.
1229	0000	-863	37.1960	80.7128	STC-2	1.2 +	1.4	8.7 ++	1.15 -	0.17 -	6.96 -	1787.	51.	5.
1230	0000	-870	37.1959	80.7133	STC-2	1.2 +	1.5	9.3 ++	1.18 -	0.16 -	7.57	1803.	51.	5.
1231	0000	-868	37.1959	80.7140	STC-2	1.3 +	1.7	9.1 ++	1.34 -	0.19	7.16 -	1832.	53.	4.
1232	0000	-867	37.1959	80.7146	STC-2	1.3 +	1.8	9.1 ++	1.33 -	0.19	6.87 -	1856.	52.	5.
1233	0000	-871	37.1959	80.7152	STC-2	1.3 +	1.8	8.9 ++	1.34 -	0.20	6.71 -	1864.	54.	5.
1234	0000	-870	37.1959	80.7157	STC-2	1.3 +	2.1 +	8.7 ++	1.65 -	0.24	6.75 -	1866.	55.	6.
1235	0000	-865	37.1959	80.7164	STC-2	1.3 +	2.0 +	8.8 ++	1.58 -	0.23	6.77 -	1879.	55.	7.
1236	0000	-863	37.1959	80.7170	STC-2	1.3 +	2.1 +	9.1 ++	1.61 -	0.23	7.08 -	1908.	54.	8.
1237	0000	-868	37.1959	80.7175	STC-2	1.2 +	2.2 +	8.2 +	1.75	0.27	6.58 -	1877.	54.	10.
1238	0000	-868	37.1960	80.7182	STC-2	1.3 +	1.9	8.1 +	1.49 -	0.23	6.41 -	1870.	54.	11.
1239	0000	-863	37.1960	80.7188	STC-2	1.3 +	1.8	8.5 ++	1.44 -	0.21	6.71 -	1904.	52.	12.
1240	0000	-863	37.1960	80.7193	STC-2	1.3 +	1.8	8.1 +	1.41 -	0.23	6.23 -	1898.	51.	13.
1241	0000	-863	37.1960	80.7199	STC-2	1.3 +	1.8	8.1 +	1.36 -	0.22	6.14 -	1903.	51.	13.
1242	0000	-863	37.1960	80.7206	STC-2	1.4 +	1.9	8.4 +	1.37 -	0.22	6.17 -	1929.	50.	12.
1243	0000	-864	37.1960	80.7211	STC-2	1.4 +	1.8	8.6 ++	1.27 -	0.21	6.16 -	1944.	51.	11.
1244	0000	-857	37.1960	80.7217	STC-2	1.5 +	1.8	9.4 ++	1.25 -	0.19	6.43 -	1986.	49.	10.
1245	0000	-859	37.1959	80.7224	STC-2	1.5 ++	2.0	9.7 ++	1.29 -	0.20	6.33 -	2043.	48.	9.
1246	0000	-863	37.1959	80.7229	STC-2	1.6 ++	2.3 +	9.2 ++	1.45 -	0.25	5.87 -	2072.	48.	8.
1247	0000	-858	37.1959	80.7235	STC-2	1.6 ++	2.5 +	9.6 ++	1.57 -	0.26	6.15 -	2115.	46.	7.
1248	0000	-857	37.1959	80.7242	STC-2	1.6 ++	2.3 +	9.7 ++	1.43 -	0.24	5.93 -	2123.	47.	7.
1249	0000	-863	37.1959	80.7247	STC-2	1.6 ++	2.2 +	9.2 ++	1.34 -	0.24	5.70 -	2075.	48.	7.
1250	0000	-859	37.1959	80.7253	STC-2	1.6 ++	2.2 +	9.0 ++	1.38 -	0.24	5.70 -	2026.	47.	7.
1251	0000	-855	37.1959	80.7259	STC-2	1.5 ++	2.0	8.4 +	1.33 -	0.24	5.59 -	1952.	49.	8.
1252	0000	-852	37.1959	80.7265	STC-2	1.4 +	1.9	8.3 +	1.41 -	0.23	6.10 -	1863.	48.	8.
1253	0000	-846	37.1959	80.7271	STC-2	1.3 +	1.9	8.2 +	1.51 -	0.23	6.55 -	1772.	48.	8.
1254	0000	-850	37.1959	80.7277	OMUU	1.2 +	1.8	7.8 +	1.54	0.23	6.59	1673.	48.	8.
1255	0000	-859	37.1959	80.7283	OMUU	1.1	1.8	7.4	1.71	0.25	6.82	1621.	46.	8.
1256	0000	-858	37.1959	80.7289	OMUU	1.1	1.9	7.8 +	1.66	0.24	6.90	1641.	44.	8.
1257	0000	-855	37.1959	80.7295	OMUU	1.1	2.1 +	7.9 +	1.84	0.27	6.91	1676.	45.	8.
1258	0000	-853	37.1959	80.7301	OMUU	1.2 +	2.0 +	8.0 +	1.60	0.25	6.47	1705.	45.	9.
1259	0000	-849	37.1959	80.7307	OMUU	1.3 +	2.0 +	8.0 +	1.56	0.25	6.33	1725.	46.	9.
1260	0000	-845	37.1959	80.7313	OMUU	1.3 +	1.9	7.7 +	1.43	0.25	5.76	1733.	45.	10.
1261	0000	-844	37.1959	80.7318	OMUU	1.3 +	1.8	7.4	1.35	0.24	5.57 -	1719.	47.	10.
1262	0000	-846	37.1959	80.7325	OMUU	1.3 +	1.8	6.9	1.36	0.26	5.26 -	1659.	48.	10.
1263	0000	-850	37.1959	80.7331	OMUU	1.2 +	1.8	6.1	1.56	0.30	5.21 -	1562.	50.	10.
1264	0000	-849	37.1959	80.7336	OMUU	1.1	1.5	5.6	1.39	0.26	5.29 -	1414.	50.	10.
1265	0000	-845	37.1959	80.7343	OMUU	0.9	1.7	5.0	1.91	0.33	5.75 -	1280.	51.	9.
1266	0000	-848	37.1959	80.7348	OMUU	0.7	1.8	4.2	2.45	0.43 +	5.73 -	1156.	50.	8.
1267	0000	-852	37.1959	80.7354	OMUU	0.6	1.7	4.1	2.90	0.41 +	7.16	1041.	49.	7.
1268	0000	-853	37.1959	80.7360	OMUU	0.5	1.6	3.9	3.40	0.41 +	8.36	942.	49.	7.
1269	0000	-853	37.1959	80.7366	OMUU	0.4	1.5	3.9	4.27 +	0.40 +	10.73	867.	49.	7.
1270	0000	-851	37.1959	80.7372	OMUU	0.3	1.4	3.6 -	4.07 +	0.39 +	10.50	789.	50.	6.
1271	0000	-845	37.1959	80.7378	OMUU	0.3 -	1.6	3.1 -	5.56 +	0.52 +	10.66	760.	49.	6.
1272	0000	-844	37.1959	80.7384	OMUU	0.3 -	1.4	2.9 -	5.00 +	0.51 +	9.85	731.	51.	7.
1273	0000	-846	37.1959	80.7390	OMUU	0.3 -	1.3	2.9 -	4.61 +	0.44 +	10.42	723.	51.	7.
1274	0000	-846	37.1959	80.7396	OMUU	0.3 -	1.2	2.9 -	4.48 +	0.41 +	10.97	714.	53.	8.
1275	0000	-846	37.1958	80.7402	OMUU	0.3 -	1.3	2.7 -	5.13 +	0.48 +	10.65	720.	55.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-845	37.1958	80.7408	OMUU	0.3 -	1.5	3.0 -	5.51 +	0.49 +	11.16	736.	53.	6.
1277	0000	-843	37.1958	80.7414	OMUU	0.2 -	1.6	3.4 -	6.36 +	0.47 +	13.60 +	768.	52.	6.
1278	0000	-843	37.1958	80.7420	OMUU	0.3 -	1.4	3.7 -	5.34 +	0.39 +	13.86 +	788.	52.	5.
1279	0000	-847	37.1958	80.7426	OMUU	0.3 -	1.5	3.9	5.37 +	0.37	14.40 +	815.	50.	4.
1280	0000	-848	37.1958	80.7432	OMUU	0.3 -	1.5	3.9	5.17 +	0.39 +	13.36 +	814.	54.	3.
1281	0000	-844	37.1958	80.7437	OMUU	0.3 -	1.7	3.8	5.02 +	0.44 +	11.39	828.	54.	2.
1282	0000	-844	37.1958	80.7444	OMUU	0.3 -	1.6	4.1	5.06 +	0.40 +	12.56 +	847.	53.	2.
1283	0000	-846	37.1958	80.7450	OMUU	0.3 -	1.6	3.8	4.62 +	0.41 +	11.29	845.	57.	2.
1284	0000	-842	37.1958	80.7455	OMUU	0.3 -	1.5	3.7 -	4.56 +	0.40 +	11.43	830.	59.	2.
1285	0000	-839	37.1958	80.7462	OMUU	0.3 -	1.5	3.6 -	4.91 +	0.42 +	11.76	819.	61.	2.
1286	0000	-849	37.1958	80.7468	OMUU	0.3 -	1.5	3.5 -	5.19 +	0.44 +	11.76	807.	62.	2.
1287	0000	-855	37.1958	80.7473	OMUU	0.3 -	1.6	3.5 -	5.78 +	0.47 +	12.17	815.	60.	3.
1288	0000	-848	37.1958	80.7479	OMUU	0.2 -	1.6	3.6 -	6.62 +	0.44 +	14.96 +	796.	60.	3.
1289	0000	-846	37.1958	80.7486	OMUU	0.2 -	1.6	3.5 -	6.79 ++	0.46 +	14.86 +	772.	61.	3.
1290	0000	-847	37.1958	80.7491	OMUU	0.2 -	1.6	3.7 -	6.73 +	0.42 +	15.92 +	763.	61.	2.
1291	0000	-841	37.1958	80.7497	OMUU	0.2 -	1.7	3.7 -	7.98 ++	0.46 +	17.35 +	765.	58.	2.
1292	0000	-845	37.1958	80.7504	OMUU	0.2 -	1.8	3.8	7.42 ++	0.47 +	15.85 +	765.	57.	2.
1293	0000	-852	37.1958	80.7509	OMUU	0.2 -	1.8	3.6 -	8.16 ++	0.50 +	16.27 +	764.	57.	3.
1294	0000	-846	37.1958	80.7515	OMUU	0.3 -	1.8	3.5 -	6.98 ++	0.51 +	13.60 +	765.	57.	3.
1295	0000	-843	37.1958	80.7522	OMUU	0.3 -	1.8	3.4 -	5.86 +	0.52 +	11.25	786.	58.	3.
1296	0000	-844	37.1958	80.7527	OMUU	0.3	1.9	3.5 -	5.55 +	0.55 ++	10.07	810.	59.	3.
1297	0000	-845	37.1958	80.7533	OMUU	0.4	1.9	3.5 -	4.85 +	0.55 ++	8.79	835.	59.	3.
1298	0000	-848	37.1958	80.7539	OMUU	0.5	1.8	3.6 -	3.61	0.49 +	7.40	874.	59.	4.
1299	0000	-844	37.1958	80.7545	OMUU	0.5	1.8	3.6 -	3.35	0.51 +	6.60	947.	56.	5.
1300	0000	-840	37.1958	80.7551	OMUU	0.6	1.7	4.0	2.64	0.41 +	6.41	1030.	54.	7.
1301	0000	-845	37.1958	80.7557	OMUU	0.7	1.7	4.4	2.49	0.38 +	6.47	1108.	51.	8.
1302	0000	-846	37.1958	80.7563	OMUU	0.8	1.6	4.9	2.10	0.34	6.28	1190.	50.	9.
1303	0000	-843	37.1958	80.7569	OMUU	0.8	1.4	5.3	1.67	0.27	6.32	1251.	49.	10.
1304	0000	-842	37.1958	80.7574	OMUU	0.8	1.4	5.3	1.70	0.27	6.32	1283.	47.	11.
1305	0000	-843	37.1958	80.7580	OMUU	0.8	1.6	5.3	1.93	0.30	6.46	1297.	48.	10.
1306	0000	-844	37.1958	80.7587	OMUU	0.8	1.5	5.6	1.91	0.27	7.01	1274.	50.	9.
1307	0000	-845	37.1958	80.7592	OMUU	0.8	1.7	5.5	2.11	0.30	6.95	1248.	49.	7.
1308	0000	-842	37.1958	80.7599	OMUU	0.7	1.6	5.4	2.14	0.30	7.20	1197.	53.	6.
1309	0000	-841	37.1958	80.7605	OMUU	0.7	1.6	5.1	2.42	0.32	7.47	1153.	54.	4.
1310	0000	-846	37.1958	80.7610	OMUU	0.7	1.5	4.9	2.29	0.31	7.32	1107.	55.	4.
1311	0000	-843	37.1958	80.7617	OMUU	0.6	1.4	4.8	2.22	0.29	7.57	1072.	55.	4.
1312	0000	-835	37.1958	80.7623	OMUU	0.6	1.3	4.8	2.12	0.27	7.92	1025.	55.	5.
1313	0000	-833	37.1958	80.7628	OMUU	0.5	1.3	4.5	2.35	0.28	8.39	971.	55.	6.
1314	0000	-832	37.1958	80.7635	OMUU	0.5	1.1	4.2	2.24	0.25	8.81	920.	57.	9.
1315	0000	-836	37.1958	80.7640	OMUU	0.5	0.9 -	4.0	1.86	0.22	8.26	908.	56.	12.
1316	0000	-840	37.1958	80.7647	OMUU	0.5	0.8 -	4.2	1.63	0.19	8.59	920.	57.	14.
1317	0000	-833	37.1958	80.7652	OMUU	0.5	1.0 -	4.3	2.06	0.23	9.12	960.	54.	16.
1318	0000	-832	37.1958	80.7658	OMUU	0.5	0.8 -	4.6	1.61	0.18 -	8.75	1016.	57.	17.
1319	0000	-837	37.1958	80.7665	OMUU	0.6	0.9 -	4.8	1.45	0.19 -	7.82	1078.	55.	17.
1320	0000	-837	37.1958	80.7670	OMUU	0.7	0.9 -	4.8	1.42	0.19	7.28	1135.	57.	18.
1321	0000	-838	37.1957	80.7676	OMUU	0.6	1.0	5.1	1.58	0.20	7.94	1172.	56.	17.
1322	0000	-836	37.1957	80.7683	OMUU	0.6	0.9 -	5.3	1.49	0.17 -	8.53	1178.	57.	16.
1323	0000	-835	37.1957	80.7688	OMUU	0.6	1.0 -	5.2	1.63	0.19	8.75	1150.	58.	16.
1324	0000	-840	37.1957	80.7694	OMUU	0.6	1.0 -	5.1	1.71	0.19	8.87	1110.	57.	15.
1325	0000	-835	37.1957	80.7700	OMUU	0.6	1.1	4.8	1.98	0.23	8.60	1082.	55.	13.
1326	0000	-828	37.1957	80.7706	OMUU	0.5	1.2	5.0	2.38	0.25	9.58	1056.	56.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-825	37.1957	80.7712	OMUU	0.6	1.1	5.3	1.90	0.20	9.42	1067.	55.	12.
1328	0000	-828	37.1957	80.7718	OMUU	0.6	1.1	5.3	1.70	0.21	8.27	1087.	55.	10.
1329	0000	-836	37.1957	80.7724	OMUU	0.7	1.2	5.6	1.82	0.22	8.32	1117.	54.	9.
1330	0000	-836	37.1957	80.7730	OMUU	0.7	1.5	5.7	2.11	0.26	8.23	1142.	53.	7.
1331	0000	-832	37.1957	80.7736	OMUU	0.7	1.4	5.6	1.87	0.25	7.55	1163.	54.	6.
1332	0000	-829	37.1957	80.7742	OMUU	0.7	1.4	5.9	1.96	0.24	8.10	1184.	52.	5.
1333	0000	-828	37.1957	80.7748	OMUU	0.8	1.4	6.0	1.83	0.23	7.94	1212.	51.	4.
1334	0000	-827	37.1957	80.7754	OMUU	0.8	1.6	5.8	2.08	0.28	7.54	1225.	51.	4.
1335	0000	-821	37.1957	80.7759	OMUU	0.7	1.7	6.0	2.42	0.28	8.59	1231.	51.	4.
1336	0000	-825	37.1957	80.7766	OMUU	0.7	1.9	5.6	2.63	0.33	7.95	1232.	50.	4.
1337	0000	-831	37.1957	80.7772	OMUU	0.7	1.6	5.7	2.31	0.29	7.93	1233.	47.	5.
1338	0000	-826	37.1957	80.7777	OMUU	0.7	1.8	6.0	2.62	0.29	8.97	1233.	[illegible]	5.
1339	0000	-825	37.1957	80.7784	OMUU	0.7	1.8	6.0	2.73	0.30	9.11	1214.	52.	6.
1340	0000	-828	37.1957	80.7790	OMUU	0.7	1.6	5.7	2.33	0.27	8.48	1182.	54.	8.
1341	0000	-823	37.1957	80.7795	OKU	0.6	1.4	5.6	2.41	0.26	9.37	1131.	56.	10.
1342	0000	-824	37.1957	80.7802	OKU	0.6	1.1	5.2	1.94	0.22	8.78	1088.	57.	11.
1343	0000	-826	37.1957	80.7807	OKU	0.6	0.9 -	5.7	1.65	0.17 -	9.96	1073.	58.	11.
1344	0000	-819	37.1957	80.7813	OKU	0.5	1.2	5.6	2.48	0.22	11.39	1055.	58.	12.
1345	0000	-818	37.1957	80.7819	OKU	0.4	1.3	4.9	3.03	0.26	11.45	1024.	56.	13.
1346	0000	-824	37.1957	80.7825	OKU	0.4	1.3	4.6	3.46	0.28	12.29 +	997.	55.	13.
1347	0000	-824	37.1957	80.7831	OKU	0.3 -	1.5	4.0	4.89 +	0.38	12.98 +	975.	52.	13.
1348	0000	-820	37.1957	80.7837	OKU	0.3 -	1.5	3.8	5.15 +	0.39	13.30 +	965.	47.	13.
1349	0000	-820	37.1957	80.7843	OKU	0.3 -	1.4	3.6	4.71 +	0.38	12.42 +	948.	48.	14.
1350	0000	-824	37.1957	80.7849	OKU	0.3 -	1.4	2.7 -	5.43 +	0.53 +	10.29	919.	47.	15.
1351	0000	-823	37.1956	80.7855	OKU	0.3 -	1.0 -	2.2 --	2.89	0.43	6.79	892.	49.	16.
1352	0000	-819	37.1956	80.7861	OKU	0.4	0.6 -	2.3 --	1.66	0.27	6.06	883.	49.	16.
1353	0010	-818	37.1956	80.7867	OKU	0.5	0.5 N.A.	2.3 --	1.09 N.A.	0.23 N.A.	4.76 -	896.	48.	16.
1354	0010	-817	37.1956	80.7873	OKU	0.5	0.4 N.A.	2.8 -	0.84 N.A.	0.15 N.A.	5.76	918.	49.	15.
1355	0000	-816	37.1956	80.7879	OKU	0.5	0.7 -	2.7 -	1.36 -	0.25	5.36	936.	49.	14.
1356	0000	-814	37.1957	80.7885	OKU	0.5	1.0 -	2.7 -	1.98	0.37	5.32	936.	50.	13.
1357	0000	-808	37.1957	80.7891	OKU	0.5	0.9 -	3.0 -	1.70	0.30	5.72	923.	51.	12.
1358	0000	-809	37.1957	80.7896	CCR-1	0.5	1.0 -	2.9 -	2.05	0.35	5.92	916.	51.	10.
1359	0000	-816	37.1957	80.7903	CCR-1	0.5	1.2 -	2.9 -	2.52	0.39	6.38	889.	51.	9.
1360	0000	-813	37.1957	80.7909	CCR-1	0.4 -	1.3	2.5 -	3.40	0.51 +	6.70	853.	53.	8.
1361	0000	-813	37.1957	80.7914	CCR-1	0.4 -	1.6	2.1 --	4.37 +	0.76 +++	5.77	828.	52.	8.
1362	0000	-815	37.1957	80.7920	CCR-1	0.4	1.2 -	2.1 --	2.74	0.59 +	4.68	814.	54.	7.
1363	0000	-811	37.1957	80.7927	CCR-1	0.5	1.1 -	2.2 --	2.11	0.50 +	4.19	846.	52.	8.
1364	0000	-811	37.1957	80.7932	CCR-1	0.6	1.1 -	2.3 -	1.89	0.49	3.86 -	880.	52.	8.
1365	0000	-809	37.1957	80.7938	CCR-1	0.6	1.1 -	2.4 -	1.65	0.44	3.70 -	915.	51.	9.
1366	0000	-807	37.1956	80.7944	CCR-1	0.7	1.0 -	2.3 -	1.47	0.46	3.21 -	954.	52.	11.
1367	0000	-814	37.1956	80.7950	CCR-1	0.8	0.7 -	2.5 -	0.87 -	0.28	3.09 -	995.	51.	12.
1368	0010	-813	37.1956	80.7956	CCR-1	0.9	0.3 N.A.	3.1 -	0.37 N.A.	0.11 N.A.	3.38 -	1030.	54.	14.
1369	0010	-808	37.1956	80.7962	CCR-1	1.0	0.3 N.A.	3.5 -	0.30 N.A.	0.08 N.A.	3.62 -	1084.	53.	15.
1370	0010	-810	37.1956	80.7968	CCR-1	1.0	0.2 N.A.	3.6 -	0.24 N.A.	0.06 N.A.	3.70 -	1113.	53.	16.
1371	0010	-811	37.1956	80.7974	CCR-1	1.0	0.1 N.A.	3.9	0.05 N.A.	0.01 N.A.	4.05 -	1125.	52.	17.
1372	0010	-810	37.1956	80.7980	CCR-1	1.0	0.1 N.A.	4.1	0.07 N.A.	0.02 N.A.	4.16	1129.	51.	16.
1373	0010	-808	37.1956	80.7986	CCR-1	0.9	0.1 N.A.	4.1	0.15 N.A.	0.03 N.A.	4.36	1118.	49.	15.
1374	0000	-803	37.1956	80.7992	CCR-1	0.9	0.4 --	4.1	0.44 ---	0.10 --	4.56	1099.	49.	14.
1375	0000	-802	37.1956	80.7998	CCR-1	0.8	0.5 --	4.1	0.59 --	0.12 --	5.01	1085.	48.	14.
1376	0000	-805	37.1956	80.8005	CCR-1	0.7	0.7 -	3.9	0.89 -	0.17 -	5.38	1060.	47.	14.
1377	0000	-805	37.1956	80.8010	CCR-1	0.6	1.0 -	3.7	1.53	0.26 -	5.84	1055.	47.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-800	37.1956	80.8016	CCR-1	0.6	1.2 -	3.5 -	1.88	0.33	5.68	1074.	48.	13.
1379	0000	-795	37.1956	80.8022	CCR-1	0.6	1.3	3.9	2.07	0.32	6.42	1111.	48.	14.
1380	0000	-801	37.1956	80.8028	CCR-1	0.7	1.2 -	4.1	1.71	0.29	5.81	1147.	50.	14.
1381	0000	-807	37.1956	80.8033	CCR-1	0.7	1.0 -	4.1	1.37 -	0.25 -	5.51	1190.	52.	15.
1382	0000	-798	37.1956	80.8039	CCR-1	0.8	1.2 -	3.9	1.53	0.30	5.08	1238.	53.	15.
1383	0000	-793	37.1956	80.8046	CCR-1	0.8	1.0 -	3.8	1.23 -	0.27 -	4.57	1287.	53.	16.
1384	0000	-799	37.1956	80.8052	CCR-1	1.0	1.1 -	4.1	1.14 -	0.27 -	4.27	1320.	53.	16.
1385	0000	-798	37.1956	80.8057	CCR-1	1.0	1.2 -	4.2	1.24 -	0.29	4.36	1338.	52.	15.
1386	0000	-794	37.1956	80.8064	CCR-1	1.0	1.3	4.1	1.37 -	0.32	4.25	1334.	54.	14.
1387	0000	-795	37.1956	80.8070	CCR-1	0.9	1.3	4.4	1.36 -	0.29	4.64	1349.	52.	13.
1388	0000	-797	37.1956	80.8075	CN	0.9	1.6 -	4.5	1.71	0.36	4.82	1370.	50.	12.
1389	0000	-796	37.1956	80.8081	CN	1.0	1.4 -	4.9	1.40	0.28 -	4.98	1384.	52.	11.
1390	0000	-795	37.1956	80.8087	CN	1.0	1.7	5.0	1.72	0.35	4.95	1383.	52.	9.
1391	0000	-794	37.1956	80.8094	CN	1.0	1.7	5.1	1.69	0.34	5.02	1397.	50.	7.
1392	0000	-789	37.1956	80.8099	CN	1.1	1.9	4.9	1.83	0.39	4.66	1406.	51.	6.
1393	0000	-791	37.1956	80.8105	CN	1.1	1.9	4.9	1.79	0.39	4.56	1404.	52.	4.
1394	0000	-797	37.1956	80.8111	CN	1.0	2.2	4.9	2.11	0.44	4.75	1417.	53.	3.
1395	0000	-793	37.1956	80.8117	CN	1.0	2.4	5.0	2.46	0.48	5.07	1404.	54.	2.
1396	0000	-786	37.1955	80.8123	CN	0.9	2.5	4.9	2.81	0.50 +	5.63	1361.	52.	2.
1397	0000	-789	37.1955	80.8129	CN	0.7	2.4	5.0	3.41	0.49	6.95	1308.	53.	2.
1398	0000	-791	37.1955	80.8135	CN	0.6	2.3	5.3	3.80	0.44	8.64	1251.	53.	3.
1399	0000	-792	37.1955	80.8140	CN	0.5	2.3	5.0	4.59 +	0.45	10.16 +	1184.	53.	3.
1400	0000	-792	37.1955	80.8147	CN	0.4 -	2.2	4.9	5.05 +	0.44	11.37 +	1149.	51.	4.
1401	0000	-786	37.1955	80.8153	CN	0.4 -	2.0	4.7	5.12 +	0.43	11.81 +	1114.	54.	5.
1402	0000	-784	37.1955	80.8159	CN	0.4 -	1.8	4.9	4.84 +	0.37	12.98 +	1096.	51.	5.
1403	0000	-786	37.1955	80.8165	CN	0.4 -	2.0	5.0	5.43 +	0.41	13.36 +	1088.	51.	6.
1404	0000	-788	37.1955	80.8171	CN	0.4 -	1.9	5.0	5.00 +	0.39	12.91 +	1099.	51.	6.
1405	0000	-789	37.1955	80.8177	CN	0.4 -	2.0	4.7	5.03 +	0.42	12.07 +	1111.	52.	6.
1406	0000	-787	37.1955	80.8183	CN	0.4 -	2.1	5.2	5.36 +	0.39	13.60 +	1141.	52.	5.
1407	0000	-786	37.1955	80.8188	CN	0.4 -	2.3	5.4	6.35 +	0.43	14.93 +	1157.	52.	4.
1408	0000	-788	37.1955	80.8195	CHK-1	0.4 -	2.4	5.4	6.48 +	0.45	14.53 +	1163.	50.	4.
1409	0000	-785	37.1955	80.8200	CHK-1	0.4 -	2.5 +	5.3	6.00 +	0.47	12.85 +	1174.	53.	3.
1410	0000	-778	37.1955	80.8207	CHK-1	0.4 -	2.5 +	5.1	5.72 +	0.49	11.69 +	1194.	53.	3.
1411	0000	-775	37.1955	80.8213	CHK-1	0.5	2.3	5.4	4.83 +	0.43	11.19 +	1198.	53.	3.
1412	0000	-776	37.1955	80.8218	CHK-1	0.4 -	2.4 +	5.8 +	5.53 +	0.43	12.99 +	1200.	51.	3.
1413	0000	-776	37.1955	80.8225	CHK-1	0.5	2.3	5.6	4.61 +	0.41	11.14 +	1228.	50.	3.
1414	0000	-776	37.1955	80.8231	CHK-2	0.6 -	2.1	6.0 -	3.65 +	0.36	10.24	1257.	49.	4.
1415	0000	-781	37.1955	80.8236	CHK-2	0.6 -	2.1	6.1 -	3.44	0.35	9.92	1270.	46.	5.
1416	0000	-787	37.1955	80.8243	CHK-2	0.6 -	2.0	6.1 -	3.32	0.33	9.97	1276.	47.	5.
1417	0000	-783	37.1955	80.8249	CHK-2	0.6 -	2.1	6.3 -	3.44	0.33	10.47	1273.	44.	6.
1418	0000	-778	37.1955	80.8254	CHK-2	0.6 -	2.1	6.1 -	3.71 +	0.35	10.68	1281.	44.	8.
1419	0000	-774	37.1955	80.8260	CHK-2	0.7 -	1.9 -	6.2 -	2.87	0.31	9.27	1300.	43.	9.
1420	0000	-775	37.1955	80.8266	CHK-2	0.6 -	1.9 -	6.1 -	2.99	0.32	9.35	1278.	45.	10.
1421	0000	-779	37.1955	80.8272	CHK-1	0.6	2.0	5.6	3.39	0.36	9.46	1259.	48.	11.
1422	0000	-775	37.1955	80.8278	CHK-1	0.6	2.0	5.7 +	3.47	0.34	10.08 +	1270.	48.	11.
1423	0000	-770	37.1955	80.8284	CHK-1	0.5	2.0	5.7 +	3.83	0.34	11.16 +	1269.	50.	12.
1424	0000	-775	37.1955	80.8290	CHK-1	0.5	1.8	5.7 +	3.29	0.31	10.59 +	1270.	52.	12.
1425	0000	-772	37.1955	80.8296	CHK-1	0.6	1.9	5.7 +	3.42	0.33	10.30 +	1275.	53.	12.
1426	0000	-767	37.1955	80.8302	CHK-1	0.5	2.0	5.7 +	4.03	0.34	11.70 +	1285.	55.	12.
1427	0000	-773	37.1954	80.8307	CHK-2	0.5 -	1.9 -	6.3 -	3.86 +	0.30	12.91 +	1310.	53.	12.
1428	0000	-773	37.1954	80.8313	CHK-2	0.5 -	1.9 -	6.6 -	3.70 +	0.28	13.05 +	1336.	51.	11.

CP 9 LP 12

CP 6 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-767	37.1954	80.8319	CHK-2	0.5 -	1.9 -	6.7	4.02 +	0.29	14.01 +	1347.	57.	10.
1430	0000	-769	37.1954	80.8325	CHK-2	0.5 -	2.1	6.7 -	4.34 +	0.32	13.65 +	1372.	53.	10.
1431	0000	-768	37.1954	80.8330	CHK-2	0.5 -	2.2	6.7	4.42 +	0.33	13.50 +	1397.	54.	10.
1432	0000	-763	37.1954	80.8336	OMUU	0.5	2.3 +	6.9	4.66 +	0.33	14.33 +	1410.	52.	10.
1433	0000	-764	37.1954	80.8341	OMUU	0.5	2.4 +	6.4	4.84 +	0.38 +	12.86 +	1406.	52.	10.
1434	0000	-764	37.1954	80.8347	OMUU	0.5	2.4 +	6.0	4.83 +	0.39 +	12.31 +	1390.	53.	10.
1435	0000	-762	37.1954	80.8353	OMUU	0.5	2.1 +	6.0	4.09 +	0.36	11.50	1366.	56.	11.
1436	0000	-766	37.1954	80.8358	OMUU	0.6	2.0 +	6.0	3.35	0.33	10.22	1359.	53.	11.
1437	0000	-764	37.1954	80.8364	OMUU	0.6	1.6	6.3	2.45	0.25	9.79	1351.	56.	12.
1438	0000	-758	37.1954	80.8370	OMUU	0.6	1.8	5.9	2.76	0.30	9.29	1348.	54.	11.
1439	0000	-757	37.1954	80.8375	OMUU	0.7	1.7	6.1	2.54	0.28	9.07	1351.	55.	10.
1440	0000	-759	37.1953	80.8380	OMUU	0.7	1.6	6.4	2.46	0.25	9.66	1330.	56.	9.
1441	0000	-762	37.1953	80.8387	OMUU	0.7	1.8	6.3	2.79	0.29	9.53	1340.	56.	8.
1442	0000	-760	37.1953	80.8392	OMUU	0.7	2.1 +	6.2	3.21	0.34	9.53	1355.	55.	7.
1443	0000	-753	37.1953	80.8398	OMUU	0.6	2.3 +	6.2	3.95 +	0.36	10.88	1360.	54.	7.
1444	0000	-755	37.1953	80.8403	SU	0.5	2.3 +	6.0 +	4.22	0.38	11.22	1331.	53.	7.
1445	0000	-760	37.1953	80.8409	SU	0.5	2.1 +	6.3 +	4.29	0.34	12.67	1291.	52.	7.
1446	0000	-755	37.1953	80.8414	SU	0.5	2.2 +	5.8 +	4.80	0.38	12.73	1230.	53.	7.
1447	0000	-752	37.1953	80.8420	SU	0.4	2.2 +	5.4	5.12	0.40	12.84	1191.	54.	8.
1448	0000	-756	37.1953	80.8426	SU	0.4	2.0 +	5.5	5.49	0.36	15.11	1135.	51.	8.
1449	0000	-753	37.1953	80.8432	SU	0.3	1.9 +	5.2	6.40 +	0.37	17.39	1064.	51.	8.
1450	0000	-754	37.1953	80.8437	SU	0.3	1.9 +	4.7	6.48 +	0.39	16.61	994.	50.	7.
1451	0000	-756	37.1953	80.8443	SU	0.3	1.9 +	4.2	6.56 +	0.45 +	14.68	964.	50.	7.
1452	0000	-749	37.1953	80.8448	SU	0.3	1.7	4.1	5.69	0.42	13.51	952.	49.	7.
1453	0000	-747	37.1952	80.8454	SU	0.3	1.8 +	4.3	5.82	0.43	13.63	985.	47.	8.
1454	0000	-752	37.1952	80.8460	SU	0.4	1.8	4.7	4.61	0.37	12.32	1026.	45.	8.
1455	0000	-748	37.1952	80.8466	SU	0.4	1.7	4.7	3.84	0.36	10.72	1060.	48.	8.
1456	0000	-749	37.1952	80.8471	SU	0.5	1.7	4.8	3.40	0.35	9.75	1088.	50.	10.
1457	0000	-755	37.1952	80.8477	SU	0.5	1.5	5.2	3.02	0.30	10.07	1113.	50.	11.
1458	0000	-752	37.1952	80.8482	SU	0.5	1.4	5.4	2.83	0.26	10.72	1109.	51.	11.
1459	0000	-749	37.1952	80.8487	SU	0.5	1.5	5.2	2.99	0.28	10.65	1113.	52.	11.
1460	0000	-752	37.1952	80.8493	SU	0.5	1.3	4.9	2.69	0.27	10.12	1084.	54.	10.
1461	0000	-751	37.1952	80.8499	SU	0.4	1.5	4.4	3.43	0.34	10.13	1047.	56.	9.
1462	0000	-748	37.1952	80.8505	SU	0.4	1.6	3.9	4.02	0.42	9.56	1011.	56.	8.
1463	0000	-749	37.1952	80.8510	SU	0.4	1.7	3.7	4.56	0.46 +	9.82	981.	55.	6.
1464	0000	-750	37.1952	80.8517	SU	0.3	1.9 +	3.4	5.51	0.55 +	10.06	940.	54.	4.
1465	0000	-750	37.1952	80.8521	SU	0.3	2.1 +	3.5	7.15 +	0.60 +	11.92	907.	54.	2.
1466	0000	-749	37.1952	80.8527	SU	0.3	2.0 +	3.5	7.52 +	0.59 +	12.85	858.	55.	2.
1467	0000	-747	37.1951	80.8533	SU	0.2	1.8 +	3.4	8.08 +	0.54 +	14.92	816.	55.	2.
1468	0000	-747	37.1951	80.8539	SU	0.2 -	1.6	3.3	8.32 +	0.49 +	16.98	769.	55.	3.
1469	0000	-750	37.1951	80.8544	SU	0.2 -	1.4	3.4	7.25 +	0.40	17.96 +	741.	56.	4.
1470	0000	-750	37.1951	80.8550	SU	0.2 -	1.3	3.5	7.45 +	0.37	19.95 +	729.	58.	4.
1471	0000	-745	37.1951	80.8555	SU	0.2	1.3	3.3	6.42 +	0.39	16.57	732.	59.	6.
1472	0000	-745	37.1951	80.8561	SU	0.2	1.0	3.4	4.60	0.28	16.15	761.	59.	8.
1473	0000	-749	37.1951	80.8567	SU	0.2	0.9	3.5	3.80	0.25	15.09	799.	58.	9.
1474	0000	-749	37.1951	80.8572	SU	0.3	1.0	3.9	3.64	0.25	14.75	846.	58.	10.
1475	0000	-748	37.1951	80.8578	SU	0.3	0.9	4.3	2.80	0.21	13.41	886.	58.	11.
1476	0000	-747	37.1951	80.8584	SU	0.3	0.8	4.1	2.35	0.20	11.86	907.	59.	12.
1477	0000	-744	37.1951	80.8589	SU	0.3	0.9	4.3	2.61	0.20	13.18	932.	58.	13.
1478	0000	-744	37.1951	80.8595	SU	0.3	0.6 -	5.3	1.68 -	0.11 --	15.40	958.	58.	13.
1479	0000	-746	37.1951	80.8600	SU	0.3	0.8	5.1	2.45	0.16 -	14.95	965.	58.	12.

STAT ANALYSIS. BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-742	37.1950	80.8606	DLMU-1	0.3	1.0 -	5.2	3.01	0.20 -	15.21	969.	59.	[illegible]
1481	0000	-743	37.1950	80.8612	DLMU-1	0.4	1.0	5.4	2.70	0.18 -	15.24	967.	60.	9.
1482	0000	-75)	37.1950	80.8617	DLMU-1	0.3	1.0	5.4	3.03	0.19 -	16.35 +	965.	59.	8.
1483	0000	-74)	37.1950	80.8624	DLMU-1	0.3	1.2	5.9 +	3.76	0.20 -	19.18 +	986.	58.	7.
1484	0000	-74\	37.1950	80.8629	DLMU-1	0.3	1.2	5.8 +	3.77	0.20 -	18.73 +	982.	57.	6.
1485	0000	-746	37.1950	80.8634	DLMU-1	0.3	1.4	5.4	4.90	0.26	19.05 +	984.	57.	6.
1486	0000	-746	37.1950	80.8640	DLMU-1	0.3	1.5	5.5	4.86	0.27	18.23 +	997.	56.	4.
1487	0000	-744	37.1950	80.8645	DLMU-1	0.3	1.4	5.6 +	4.68	0.25	18.85 +	999.	56.	4.
1488	0000	-746	37.1950	80.8651	DLMU-1	0.3	1.5	5.2	5.06	0.28	17.96 +	991.	57.	5.
1489	0000	-745	37.1950	80.8657	DLMU-1	0.3	1.5	5.0	5.45	0.31	17.78 +	981.	60.	4.
1490	0000	-742	37.1950	80.8662	DLMU-1	0.3	1.6	5.2	5.83	0.31	18.66 +	974.	62.	4.
1491	0000	-743	37.1950	80.8668	DB-2	0.3 --	1.7	5.6 -	5.61 ++	0.30	18.73 +++	999.	62.	3.
1492	0000	-746	37.1950	80.8674	DB-2	0.3 --	2.0	5.7 -	6.64 +++	0.35 +	18.91 +++	1026.	63.	2.
1493	0000	-746	37.1949	80.8679	DB-2	0.3 --	2.2	6.0 -	8.00 +++	0.36 +	22.06 +++	1053.	63.	1.
1494	0000	-744	37.1949	80.8685	DB-2	0.3 --	2.3	6.2 -	8.23 +++	0.38 +	21.92 +++	1076.	64.	1.
1495	0000	-744	37.1949	80.8691	DB-2	0.3 --	2.5	6.4 -	9.15 +++	0.39 +	23.50 +++	1093.	65.	0.
1496	0000	-743	37.1949	80.8697	DB-2	0.3 --	2.6	6.5 -	9.44 +++	0.40 +	23.64 +++	1103.	62.	0.
1497	0000	-741	37.1949	80.8702	DB-2	0.3 --	2.7	6.1 -	9.91 +++	0.43 +	22.92 +++	1090.	62.	0.
1498	0000	-742	37.1949	80.8708	DB-2	0.3 --	2.5	5.7 -	9.07 +++	0.44 ++	20.43 +++	1061.	61.	0.
1499	0000	-744	37.1949	80.8713	DB-2	0.3 --	2.3	5.2 -	7.52 +++	0.45 ++	16.85 +++	1014.	62.	0.
1500	0000	-744	37.1949	80.8719	DB-2	0.3 --	2.0	4.7 --	6.08 +++	0.43 +	14.21 ++	941.	64.	1.
1501	0000	-745	37.1949	80.8725	DB-1	0.3	1.9 +	3.9 +	6.49 +	0.48	13.54 +	879.	65.	2.
1502	0000	-746	37.1949	80.8731	DB-1	0.3	1.5 +	3.8 +	5.15	0.41	12.65 +	853.	63.	3.
1503	0000	-746	37.1949	80.8736	DB-1	0.3	1.4 +	3.6 +	4.48	0.40	11.26	835.	63.	4.
1504	0000	-745	37.1949	80.8741	DB-1	0.4	1.4 +	3.6 +	3.98	0.39	10.18	838.	62.	4.
1505	0000	-743	37.1949	80.8747	DLMU-1	0.4	1.2	3.9	3.15	0.32	9.87	854.	62.	5.
1506	0000	-744	37.1949	80.8752	DLMU-1	0.4	1.3	4.1	3.24	0.33	9.84	885.	61.	4.
1507	0000	-745	37.1948	80.8759	DLMU-1	0.5	1.7	4.2	3.63	0.40	9.03	961.	58.	4.
1508	0000	-741	37.1948	80.8764	DLMU-1	0.6	2.0	4.5	3.57	0.44	8.14	1029.	59.	3.
1509	0000	-740	37.1948	80.8769	DLMU-1	0.6	2.3 +	4.5	3.75	0.50	7.54	1070.	60.	3.
1510	0000	-741	37.1948	80.8775	DLMU-1	0.6	2.3 +	4.6	3.68	0.50	7.43	1115.	60.	3.
1511	0000	-740	37.1948	80.8781	DLMU-1	0.7	2.1 +	4.6	2.90	0.45	6.46	1153.	60.	4.
1512	0000	-739	37.1948	80.8786	DLMU-1	0.8	2.2 +	4.7	2.85	0.47	6.08	1197.	58.	4.
1513	0000	-740	37.1948	80.8792	DLMU-1	0.8	2.1 +	4.7	2.81	0.45	6.20	1222.	59.	5.
1514	0000	-737	37.1948	80.8798	DLMU-1	0.8	1.7	4.9	2.16	0.34	6.27	1209.	59.	6.
1515	0000	-737	37.1948	80.8804	DLMU-1	0.8	1.4	5.1	1.78 -	0.27	6.65	1207.	56.	8.
1516	0000	-738	37.1948	80.8809	DLMU-1	0.7	1.1	5.2	1.49 -	0.21 -	6.96	1198.	55.	9.
1517	0000	-737	37.1948	80.8814	DLMU-1	0.7	1.1	5.1	1.47 -	0.21 -	7.01	1180.	55.	9.
1518	0000	-738	37.1948	80.8820	STC-2	0.6	1.2	5.1	1.81	0.23	7.95	1161.	54.	10.
1519	0000	-736	37.1948	80.8826	STC-2	0.6	1.2	4.7	2.14	0.26	8.33	1107.	56.	11.
1520	0000	-733	37.1947	80.8832	STC-2	0.5	1.0	4.6	1.86	0.22	8.64	1047.	53.	10.
1521	0000	-734	37.1947	80.8837	STC-2	0.5	1.1	4.3 -	2.26	0.25	9.16	984.	53.	9.
1522	0000	-734	37.1947	80.8843	STC-1	0.4 +	1.2	3.7 +	2.97	0.32	9.40 -	909.	52.	8.
1523	0000	-732	37.1947	80.8848	STC-1	0.3 +	1.3	3.2	3.78	0.40	9.48	836.	51.	8.
1524	0000	-732	37.1947	80.8854	STC-1	0.3	1.3	3.1	4.26	0.41	10.47	785.	49.	7.
1525	0000	-735	37.1947	80.8860	STC-1	0.2	1.3	2.9	5.65	0.46	12.33	749.	49.	7.
1526	0000	-733	37.1947	80.8866	STC-1	0.2	1.2	2.8	5.28	0.43	12.28	722.	48.	7.
1527	0000	-733	37.1947	80.8871	STC-1	0.2	1.3	2.6	7.28 +	0.50	14.59	709.	50.	7.
1528	0000	-733	37.1947	80.8876	STC-1	0.2 --	1.3	2.5	8.61 +	0.53 +	16.39	700.	51.	8.
1529	0000	-731	37.1947	80.8882	STC-1	0.2 -	1.3	2.7	7.65 +	0.48	16.11	706.	54.	8.
1530	0000	-730	37.1947	80.8887	STC-1	0.2	1.1	2.9	6.14	0.39	15.76	728.	57.	9.

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES									*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-730	37.1947	80.8894	STC-1	0.2	1.1	2.8	6.18	0.40	15.38	752.	60.	9.
1532	0000	-728	37.1947	80.8899	STC-1	0.2	0.8	3.4	4.19	0.24 -	17.46 +	757.	60.	10.
1533	0000	-727	37.1947	80.8905	STC-1	0.2 -	1.0	3.4	6.23	0.31	20.16 +	778.	60.	9.
1534	0000	-727	37.1946	80.8911	STC-1	0.2	1.0	3.4	5.06	0.30	16.69	803.	61.	8.
1535	0000	-728	37.1946	80.8916	STC-1	0.2	0.9	3.8 +	3.82	0.23 -	16.31	825.	62.	8.
1536	0000	-729	37.1946	80.8921	STC-2	0.2 -	0.9 -	4.0 -	4.10	0.23	17.79 +	842.	60.	7.
1537	0000	-730	37.1946	80.8927	STC-2	0.2 -	1.2	4.1 -	5.36 +	0.29	18.43 +	854.	58.	5.
1538	0000	-730	37.1946	80.8933	STC-2	0.2 -	1.2	4.3 -	5.08 +	0.28	18.06 +	837.	57.	4.
1539	0000	-730	37.1946	80.8939	STC-2	0.2 -	1.4	4.1 -	6.01 +	0.35	17.34 +	834.	55.	2.
1540	0000	-729	37.1945	80.8944	STC-2	0.2 -	1.5	4.3 -	6.41 +	0.35 +	18.07 +	820.	57.	1.
1541	0000	-729	37.1945	80.8950	STC-2	0.2 -	1.6	4.1 -	7.89 ++	0.39 +	20.20 +	789.	56.	1.
1542	0000	-729	37.1945	80.8955	STC-1	0.2	1.9 +	3.6 +	11.12 +	0.54 +	20.70 +	765.	53.	0.
1543	0000	-730	37.1945	80.8961	STC-1	0.2 -	1.9 +	3.2	11.51 ++	0.59 +	19.46 +	734.	53.	0.
1544	0000	-731	37.1945	80.8967	DLMU-1	0.1 -	1.9	2.6 -	12.73 ++	0.72 +	17.75 +	699.	55.	1.
1545	0000	-730	37.1945	80.8973	DLMU-1	0.1 -	1.9	2.7	14.99 ++	0.70 +	21.51 ++	697.	52.	2.
1546	0000	-729	37.1945	80.8978	DLMU-1	0.1 -	2.0	2.2 -	17.89 ++	0.89 ++	20.11 +	683.	55.	3.
1547	0000	-729	37.1945	80.8983	DLMU-1	0.1 --	1.8	2.2 -	20.14 ++	0.81 ++	24.92 ++	673.	55.	5.
1548	0000	-730	37.1945	80.8989	STC-1	0.1 ---	1.8 +	2.4	22.32 +++	0.74 ++	30.23 +++	689.	56.	6.
1549	0000	-729	37.1945	80.8995	STC-1	0.1 ---	1.6 +	2.2 -	19.36 +++	0.73 ++	26.53 ++	706.	57.	8.
1550	0100	-729	37.1945	80.9001	STC-1	0.1 N.A.	1.5 +	2.5	25.08 N.A.	0.61 +	41.40 N.A.	707.	56.	9.
1551	0100	-732	37.1945	80.9006	STC-1	0.1 N.A.	1.3	2.8	17.29 N.A.	0.46	37.56 N.A.	717.	55.	10.
1552	0100	-732	37.1945	80.9012	STC-1	0.1 N.A.	1.2	2.9	22.26 N.A.	0.43	51.90 N.A.	700.	57.	10.
1553	0100	-729	37.1945	80.9018	STC-1	0.1 N.A.	1.2	2.7	18.61 N.A.	0.45	41.02 N.A.	680.	58.	9.
1554	0000	-732	37.1944	80.9023	STC-1	0.1 --	1.2	2.6	12.61 ++	0.47	26.97 ++	671.	56.	8.
1555	0000	-732	37.1944	80.9028	STC-1	0.2 -	1.0	2.4 -	6.29	0.42	15.15	646.	58.	8.
1556	0000	-731	37.1944	80.9035	STC-1	0.2	0.9	2.9	4.98	0.31	16.28	645.	58.	7.
1557	0000	-732	37.1944	80.9040	STC-1	0.2	1.0	2.8	5.23	0.37	14.33	667.	50.	7.
1558	0000	-731	37.1944	80.9046	STC-1	0.2	1.2	2.7	5.80	0.44	13.20	668.	62.	6.
1559	0000	-732	37.1944	80.9051	STC-1	0.3	1.0	2.3 -	4.15	0.45	9.28 -	692.	60.	7.
1560	0000	-733	37.1944	80.9056	STC-1	0.2	1.0	2.5	4.13	0.41	10.08	706.	60.	7.
1561	0000	-732	37.1944	80.9062	STC-1	0.3	0.8	2.6	3.14	0.33	9.58	714.	61.	9.
1562	0000	-732	37.1944	80.9068	STC-1	0.2	0.8	2.6	3.60	0.31	11.74	714.	57.	10.
1563	0000	-733	37.1944	80.9074	STC-1	0.2 -	0.8	2.3 -	5.13	0.37	13.79	688.	56.	11.
1564	0000	-732	37.1944	80.9079	DLMU-1	0.2 -	0.7 -	2.0 -	4.15	0.36	11.51	656.	56.	13.
1565	0000	-732	37.1944	80.9085	DLMU-1	0.2 -	0.5 --	2.1 -	3.50	0.25	13.80	651.	53.	14.
1566	0000	-732	37.1944	80.9091	DLMU-1	0.1 -	0.6 --	2.0 -	4.20	0.29	14.33	643.	53.	15.
1567	0000	-732	37.1943	80.9096	DLMU-1	0.1 -	0.4 --	2.1 -	2.82	0.21 -	13.72	652.	53.	15.
1568	0000	-733	37.1944	80.9102	DLMU-1	0.1 -	0.6 -	1.9 -	4.54	0.33	13.62	673.	52.	15.
1569	0000	-735	37.1944	80.9108	DLMU-1	0.2 -	0.8 -	2.3 -	4.82	0.38	12.77	701.	52.	13.
1570	0000	-733	37.1944	80.9113	DLMU-1	0.2	0.8 -	2.4 -	3.56	0.34	10.49	716.	53.	12.
1571	0000	-731	37.1944	80.9119	STC-1	0.2	0.9	2.5	3.91	0.35	11.27	732.	51.	11.
1572	0000	-735	37.1944	80.9125	STC-1	0.2	1.0	2.4	4.57	0.42	10.99	731.	53.	10.
1573	0000	-735	37.1944	80.9130	STC-1	0.2	1.1	2.6	4.80	0.44	10.95	731.	54.	9.
1574	0000	-734	37.1943	80.9135	STC-1	0.3	1.1	2.4 -	4.18	0.46	9.06 -	727.	52.	9.
1575	0000	-734	37.1943	80.9142	STC-1	0.3	0.9	2.6	3.71	0.36	10.38	707.	54.	9.
1576	0000	-733	37.1943	80.9147	STC-1	0.3	0.9	2.0 -	3.35	0.44	7.62 -	689.	56.	9.
1577	0000	-734	37.1943	80.9153	STC-1	0.3	0.8	1.8 --	2.82	0.43	6.48 --	679.	54.	10.
1578	0000	-734	37.1943	80.9158	STC-1	0.3	0.8	1.9 -	2.76 -	0.42	6.58 --	674.	56.	10.
1579	0000	-734	37.1943	80.9164	STC-1	0.3	0.8	2.1 -	2.77 -	0.36	7.64 -	675.	55.	10.
1580	0000	-735	37.1942	80.9169	STC-1	0.3	0.9	2.1 -	3.48	0.45	7.77 -	672.	53.	9.
1581	0000	-735	37.1942	80.9175	STC-1	0.2	1.2	2.2 -	5.14	0.56 +	9.24 -	683.	53.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-734	37.1942	80.9181	STC-1	0.3	1.4	2.4 -	5.26	0.58 +	9.00 -	704.	53.	7.
1583	0000	-734	37.1942	80.9186	STC-1	0.3	1.3	2.9	4.91	0.45	11.01	736.	53.	7.
1584	0000	-734	37.1942	80.9192	DLMU-1	0.2	1.3	3.4	5.38	0.39	13.74	780.	55.	7.
1585	0000	-735	37.1942	80.9198	DLMU-1	0.3	1.1	3.5	4.05	0.32	12.51	819.	56.	8.
1586	0000	-735	37.1942	80.9203	DLMU-1	0.3	1.1	3.7	3.34	0.30	11.24	847.	56.	8.
1587	0000	-734	37.1942	80.9209	DLMU-1	0.3	1.0	3.9	3.05	0.25	12.05	850.	56.	8.
1588	0000	-734	37.1942	80.9215	DLMU-1	0.3	0.8 -	3.9	2.62	0.20 -	12.81	824.	56.	9.
1589	0000	-735	37.1942	80.9220	DLMU-1	0.3	0.7 -	3.8	2.35	0.18 -	12.91	792.	55.	9.
1590	0000	-735	37.1942	80.9226	DLMU-1	0.3	1.0	3.7	3.87	0.26	14.67	753.	54.	8.
1591	0000	-737	37.1942	80.9232	DLMU-1	0.3	1.0	3.2	3.79	0.30	12.83	707.	54.	8.
1592	0000	-737	37.1942	80.9237	DLMU-1	0.2	1.1	2.9	5.10	0.38	13.26	674.	52.	7.
1593	0000	-736	37.1942	80.9243	DLMU-1	0.2	1.1	2.7	5.00	0.40	12.36	658.	50.	7.
1594	0000	-738	37.1941	80.9248	DLMU-1	0.2	1.0	2.6 -	4.73	0.38	12.62	650.	52.	7.
1595	0000	-738	37.1941	80.9254	DLMU-1	0.2	0.9	2.7	4.07	0.34	11.84	655.	53.	7.
1596	0000	-737	37.1941	80.9260	DLMU-1	0.2	1.0	2.5 -	4.64	0.40	11.66	668.	52.	7.
1597	0000	-737	37.1941	80.9266	DLMU-1	0.3	0.8 -	2.5 -	3.14	0.33	9.54	681.	50.	7.
1598	0000	-736	37.1941	80.9270	DLMU-1	0.2	1.0	2.6 -	4.34	0.38	11.39	697.	47.	6.
1599	0000	-737	37.1941	80.9277	DLMU-1	0.2	1.0	2.6 -	4.06	0.36	11.23	701.	47.	6.
1600	0000	-737	37.1941	80.9282	DLMU-1	0.2	1.0	2.6 -	4.83	0.38	12.62	706.	48.	6.
1601	0000	-735	37.1940	80.9288	DLMU-1	0.2	1.1	2.7	5.31	0.43	12.44	708.	50.	6.
1602	0000	-738	37.1940	80.9294	DLMU-1	0.2	1.0	2.9	5.01	0.36	14.00	715.	50.	6.
1603	0000	-738	37.1940	80.9300	DLMU-1	0.2	0.9	3.0	4.25	0.31	13.87	698.	52.	5.
1604	0000	-735	37.1940	80.9305	DLMU-1	0.2 -	1.1	3.2	6.23	0.33	18.87 +	698.	53.	4.
1605	0000	-737	37.1940	80.9310	DLMU-1	0.2 -	0.9	3.3	5.17	0.29	17.83 +	707.	55.	4.
1606	0000	-738	37.1940	80.9316	DLMU-1	0.2 -	1.1	3.4	6.54 +	0.33	19.54 +	717.	57.	3.
1607	0000	-736	37.1940	80.9321	DLMU-1	0.1 -	1.3	3.6	8.65 +	0.35	24.43 ++	725.	59.	3.
1608	0000	-738	37.1940	80.9327	DLMU-1	0.1 -	1.2	3.7	7.74 +	0.31	24.84 ++	741.	60.	4.
1609	0000	-738	37.1940	80.9333	DLMU-1	0.1 -	1.4	3.9	10.62 +	0.35	30.15 +++	778.	60.	3.
1610	0000	-735	37.1940	80.9339	DLMU-1	0.1 -	1.5	4.2	11.28 +	0.35	32.27 +++	829.	61.	4.
1611	0000	-736	37.1940	80.9344	DLMU-1	0.2 -	1.3	4.3	7.78 +	0.30	25.95 +++	858.	63.	5.
1612	0000	-736	37.1940	80.9350	DLMU-1	0.2	1.4	4.4	6.81 +	0.31	22.25 ++	891.	63.	4.
1613	0000	-733	37.1940	80.9355	DLMU-1	0.2	1.4	4.8	6.13	0.29	20.97 ++	941.	61.	5.
1614	0000	-734	37.1939	80.9361	DLMU-1	0.3	1.4	4.9	5.10	0.28	18.23 +	970.	61.	5.
1615	0000	-737	37.1939	80.9367	DLMU-1	0.3	1.6	5.2	5.53	0.31	18.11 +	1003.	57.	4.
1616	0000	-738	37.1939	80.9373	DLMU-1	0.3	1.6	5.0	5.11	0.32	15.95 +	998.	57.	5.
1617	0000	-739	37.1939	80.9378	DLMU-1	0.3	1.8	4.7	5.76	0.39	14.84	985.	57.	5.
1618	0000	-737	37.1939	80.9384	DLMU-1	0.3	2.0 +	4.5	6.44 +	0.44	14.48	981.	56.	4.
1619	0000	-735	37.1939	80.9389	DLMU-1	0.3	2.1 +	4.2	7.40 +	0.50	14.72	959.	56.	5.
1620	0000	-736	37.1939	80.9395	DLMU-1	0.3	2.1 +	3.7	8.42 +	0.56 +	14.97	921.	56.	4.
1621	0000	-739	37.1939	80.9400	DLMU-1	0.2	2.2 +	3.5	9.37 +	0.63 +	14.77	893.	56.	3.
1622	0000	-739	37.1939	80.9407	DLMU-1	0.2	2.1 +	3.4	9.07 +	0.60 +	15.03	856.	54.	3.
1623	0000	-738	37.1939	80.9412	DLMU-1	0.2	2.1 +	3.2	9.25 +	0.65 +	14.30	830.	54.	2.
1624	0000	-738	37.1939	80.9417	DLMU-1	0.2	1.9	3.1	9.65 +	0.60 +	15.96 +	793.	53.	2.
1625	0000	-739	37.1939	80.9423	DLMU-1	0.2 -	1.7	3.0	9.27 +	0.59 +	15.83 +	743.	56.	1.
1626	0000	-740	37.1939	80.9429	DLMU-1	0.2 -	1.7	2.8	9.22 +	0.60 +	15.26	714.	55.	1.
1627	0000	-741	37.1938	80.9434	DLMU-1	0.2	1.5	2.9	7.15 +	0.51	14.07	693.	55.	0.
1628	0000	-739	37.1938	80.9440	DLMU-1	0.2	1.2	3.1	6.41 +	0.40	15.92 +	679.	55.	0.
1629	0000	-739	37.1938	80.9446	DLMU-1	0.2	1.1	2.7	5.76	0.43	13.50	650.	58.	1.
1630	0000	-741	37.1938	80.9451	DLMU-1	0.2 -	1.0	2.8	5.59	0.36	15.33	626.	58.	0.
1631	0000	-741	37.1938	80.9457	DLMU-1	0.2 -	1.0	2.7 -	5.55	0.38	14.79	618.	58.	1.
1632	0000	-740	37.1938	80.9462	DLMU-1	0.2 -	1.0	2.5 -	5.76	0.40	14.33	606.	58.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-740	37.1938	80.9468	DLMU-1	0.2 -	1.0	2.6 -	6.35	0.38	16.93 +	596.	57.	3.
1634	0000	-738	37.1938	80.9474	DLMU-1	0.1 -	0.9 -	2.5 -	6.22	0.35	17.87 +	576.	58.	4.
1635	0000	-737	37.1938	80.9480	DLMU-1	0.2 -	0.8 -	2.1 -	5.20	0.38	13.78	549.	59.	6.
1636	0000	-739	37.1938	80.9485	DLMU-1	0.1 -	0.8 -	2.0 -	5.89	0.40	14.77	548.	56.	8.
1637	0000	-737	37.1938	80.9490	DLMU-1	0.2 -	0.8 -	2.0 -	4.32	0.41	10.66	569.	55.	9.
1638	0000	-737	37.1938	80.9496	DLMU-1	0.2 -	0.9 -	2.0 -	4.70	0.42	11.09	582.	54.	10.
1639	0000	-739	37.1938	80.9502	DLMU-1	0.2 -	0.9	2.0 -	4.98	0.47	10.58	605.	52.	12.
1640	0000	-737	37.1938	80.9508	DLMU-1	0.2	0.9 -	1.9 -	4.30	0.44	9.81	613.	54.	13.
1641	0000	-736	37.1937	80.9513	DLMU-1	0.2 -	0.9 -	1.7 -	4.87	0.51	9.51	624.	55.	13.
1642	0000	-738	37.1937	80.9519	DLMU-1	0.2	0.9 -	1.6 -	4.61	0.57 +	8.02	645.	55.	14.
1643	0000	-738	37.1937	80.9524	DLMU-1	0.2 -	1.0	1.6 -	5.42	0.61 +	8.96	653.	57.	14.
1644	0000	-736	37.1937	80.9530	DLMU-1	0.2 -	1.1	1.4 -	6.87 +	0.80 ++	8.61	656.	57.	14.
1645	0000	-736	37.1937	80.9536	DLMU-1	0.2 -	1.1	1.5 -	6.90 +	0.70 +	9.90	664.	55.	14.
1646	0000	-737	37.1937	80.9542	DLMU-1	0.1 -	0.8 -	1.8 -	5.44	0.44	12.23	662.	57.	15.
1647	0000	-735	37.1937	80.9547	DLMU-1	0.1 -	0.8 -	1.7 -	5.69	0.49	11.68	655.	57.	15.
1648	0000	-736	37.1937	80.9553	DLMU-1	0.2 -	0.8 -	1.9 -	4.58	0.41	11.12	663.	55.	15.
1649	0000	-738	37.1937	80.9558	DLMU-1	0.2 -	0.9 -	2.0 -	5.23	0.44	11.95	663.	56.	15.
1650	0000	-737	37.1937	80.9563	DLMU-1	0.2	0.9	2.1 -	4.79	0.44	10.92	691.	54.	14.
1651	0000	-737	37.1937	80.9569	DLMU-1	0.2	0.8 -	2.3 -	3.84	0.36	10.60	716.	54.	14.
1652	0000	-737	37.1937	80.9575	DLMU-1	0.2	0.9	2.1 -	3.95	0.44	8.93	733.	56.	14.
1653	0000	-737	37.1937	80.9581	DLMU-1	0.2	1.2	2.0 -	5.08	0.60 +	8.42	754.	57.	13.
1654	0000	-736	37.1936	80.9587	DLMU-1	0.3	1.2	2.2 -	4.46	0.53 +	8.34	789.	55.	13.
1655	0000	-735	37.1936	80.9592	DLMU-1	0.3	1.4	2.1 -	4.87	0.64 +	7.63	824.	58.	13.
1656	0000	-737	37.1936	80.9597	DB-1	0.3	1.5 +	2.6	4.78	0.56	8.55	880.	56.	12.
1657	0000	-737	37.1936	80.9603	DB-1	0.3	1.7 +	2.9	5.16	0.61 +	8.45	944.	57.	11.
1658	0000	-734	37.1936	80.9609	DB-1	0.4 +	2.0 +	3.2 +	4.87	0.63 +	7.67	1029.	59.	10.
1659	0000	-738	37.1936	80.9615	DB-2	0.5 -	2.0	4.3 --	3.86 +	0.47 ++	8.21	1157.	58.	9.
1660	0000	-738	37.1936	80.9620	DB-2	0.7 -	2.3	5.0 --	3.23 +	0.45 ++	7.13	1320.	59.	9.
1661	0000	-733	37.1936	80.9626	DB-2	0.9	2.5	6.0 -	2.80 +	0.42 +	6.67	1502.	61.	9.
1662	0000	-733	37.1936	80.9631	DB-2	1.1	2.6	6.9	2.41	0.38 +	6.28	1691.	61.	8.
1663	0000	-734	37.1936	80.9637	DB-2	1.3	2.8 +	7.3	2.11	0.38 +	5.52	1852.	61.	7.
1664	0000	-733	37.1936	80.9643	DB-2	1.5	2.9 +	7.9	1.99	0.37 +	5.45 -	1977.	61.	6.
1665	0000	-736	37.1936	80.9649	DB-2	1.5	2.9 +	8.1	1.93	0.36 +	5.39 -	2044.	60.	6.
1666	0000	-736	37.1936	80.9654	DB-2	1.5	3.0 +	7.7	1.95	0.39 +	4.96 -	2035.	59.	5.
1667	0000	-733	37.1935	80.9660	DB-2	1.5	3.1 +	7.5	2.12	0.41 +	5.12 -	1981.	58.	4.
1668	0000	-736	37.1935	80.9665	DB-2	1.4	3.0 +	7.2	2.20	0.42 +	5.29 -	1902.	54.	3.
1669	0000	-736	37.1935	80.9670	DB-2	1.3	2.9 +	7.1	2.30	0.41 +	5.64	1801.	54.	2.
1670	0000	-736	37.1935	80.9676	DB-2	1.2	2.7 +	7.2	2.31	0.37 +	6.17	1728.	54.	2.
1671	0000	-739	37.1935	80.9682	DB-2	1.1	2.4	7.3	2.09	0.33	6.40	1686.	53.	2.
1672	0000	-737	37.1935	80.9688	DB-2	1.2	2.2	7.4	1.85	0.30	6.21	1697.	55.	3.
1673	0000	-736	37.1935	80.9693	DB-2	1.2	1.9	8.2	1.56	0.24	6.64	1768.	56.	4.
1674	0000	-740	37.1935	80.9699	DB-2	1.3	1.6 -	9.0	1.24 -	0.18 -	6.97	1841.	54.	6.
1675	0000	-738	37.1935	80.9704	DB-2	1.4	1.6 -	9.0	1.17 -	0.18 -	6.49	1882.	56.	7.
1676	0000	-736	37.1935	80.9710	DB-2	1.4	1.7	9.0	1.20 -	0.19 -	6.34	1938.	56.	7.
1677	0000	-738	37.1935	80.9716	DB-2	1.4	1.7	9.0	1.21 -	0.19 -	6.33	1972.	56.	8.
1678	0000	-737	37.1935	80.9722	DB-2	1.5	1.7	9.2	1.17 -	0.19 -	6.23	1995.	58.	7.
1679	0000	-736	37.1935	80.9727	DB-2	1.5	1.8	9.4	1.21 -	0.19 -	6.25	2011.	57.	5.
1680	0000	-737	37.1935	80.9733	DB-2	1.5	2.3	9.3	1.57	0.25	6.38	2026.	55.	5.
1681	0000	-737	37.1934	80.9738	DB-2	1.6 +	2.5	9.1	1.55	0.27	5.76	2070.	58.	3.
1682	0000	-735	37.1934	80.9744	DB-2	1.6 +	2.9 +	9.8 +	1.83	0.29	6.30	2117.	56.	2.
1683	0000	-736	37.1934	80.9750	DB-2	1.5	3.0 +	10.0 +	1.93	0.30	6.48	2154.	52.	1.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-738	37.1934	80.9755	DB-2	1.5	3.2 ++	10.3 +	2.18	0.31	6.97	2154.	51.	1.
1685	0000	-739	37.1934	80.9761	DB-2	1.4	3.2 ++	10.1 +	2.26	0.32	6.99	2140.	50.	1.
1686	0000	-736	37.1934	80.9767	DB-2	1.3	3.3 ++	10.2 +	2.52	0.32	7.86	2097.	50.	2.
1687	0000	-736	37.1934	80.9772	DB-2	1.3	2.9 +	10.0 +	2.23	0.29	7.68	2039.	48.	3.
1688	0000	-739	37.1934	80.9778	DB-2	1.2	2.6	9.6	2.15	0.27	8.10	1959.	47.	4.
1689	0000	-738	37.1934	80.9784	DB-2	1.1	2.2	9.3	1.92	0.23	8.18	1893.	48.	5.
1690	0000	-735	37.1934	80.9791	DB-2	1.1	2.0	9.1	1.80	0.22	8.15	1831.	50.	6.
1691	0000	-735	37.1934	80.9796	DB-2	1.1	1.9	8.6	1.70	0.22	7.60	1807.	50.	7.
1692	0000	-738	37.1934	80.9802	DB-2	1.1	2.0	8.5	1.82	0.24	7.71	1811.	49.	7.
1693	0000	-739	37.1934	80.9809	DB-2	1.2	2.0	8.6	1.70	0.23	7.36	1837.	48.	8.
1694	0000	-739	37.1934	80.9814	DB-2	1.2	2.3	8.1	1.91	0.29	6.64	1886.	51.	8.
1695	0000	-738	37.1934	80.9820	DB-2	1.3	2.5	8.4	2.11	0.31	6.74	1946.	50.	7.
1696	0000	-736	37.1934	80.9827	DB-2	1.3	2.6	8.4	1.99	0.31	6.49	1970.	49.	8.
1697	0000	-739	37.1934	80.9832	DB-2	1.3	2.6	8.3	2.04	0.32	6.43	1966.	51.	7.
1698	0000	-743	37.1934	80.9838	DB-2	1.3	2.5	8.3	1.97	0.32	6.25	1971.	51.	6.
1699	0000	-740	37.1934	80.9844	DB-2	1.4	2.5	8.2	1.80	0.30	5.98	1964.	52.	7.
1700	0000	-739	37.1934	80.9850	DB-2	1.3	2.6	7.7	1.99	0.34 +	5.86	1939.	53.	7.
1701	0000	-739	37.1934	80.9856	DB-2	1.2	2.5	8.2	2.06	0.31	6.70	1880.	50.	5.
1702	0000	-739	37.1934	80.9862	DB-2	1.2	2.4	7.7	2.08	0.32	6.57	1821.	49.	5.
1703	0000	-740	37.1934	80.9868	DB-2	1.2	2.4	7.5	2.04	0.33	6.26	1808.	49.	5.
1704	0000	-740	37.1935	80.9874	DB-2	1.2	2.4	7.6	2.04	0.32	6.39	1820.	50.	6.
1705	0000	-739	37.1935	80.9880	DB-2	1.2	2.4	7.5	1.99	0.32	6.23	1837.	51.	7.
1706	0000	-740	37.1935	80.9886	DB-2	1.2	2.5	7.9	2.11	0.32	6.54	1874.	50.	7.
1707	0000	-739	37.1935	80.9892	DB-2	1.4	2.4	8.3	1.74	0.29	5.99	1946.	52.	8.
1708	0000	-740	37.1935	80.9898	DB-2	1.5	2.3	8.1	1.53	0.28	5.42 -	2028.	52.	9.
1709	0000	-741	37.1935	80.9904	DB-2	1.6 +	2.3	8.5	1.44	0.27	5.40 -	2096.	53.	9.
1710	0000	-741	37.1935	80.9910	DB-2	1.6 +	2.5	8.8	1.52	0.28	5.41 -	2157.	54.	9.
1711	0000	-742	37.1935	80.9916	DB-2	1.7 +	2.6	9.2	1.52	0.28	5.38 -	2251.	52.	9.
1712	0000	-743	37.1935	80.9922	DB-2	1.8 +	2.8 +	9.9 +	1.56	0.28	5.48	2351.	55.	8.
1713	0000	-742	37.1935	80.9928	DB-2	1.8 +	2.8 +	10.5 +	1.51	0.26	5.71	2394.	56.	8.
1714	0000	-745	37.1935	80.9934	DB-2	1.8 +	2.8 +	10.1 +	1.55	0.27	5.66	2380.	57.	9.
1715	0000	-745	37.1935	80.9940	DB-2	1.7 +	2.8 +	10.2 +	1.59	0.27	5.91	2336.	59.	9.
1716	0000	-741	37.1935	80.9946	DB-2	1.6 +	2.8 +	10.1 +	1.67	0.27	6.12	2298.	61.	9.
1717	0000	-741	37.1935	80.9952	DB-2	1.6 +	2.8 +	9.5	1.73	0.29	5.92	2272.	61.	10.
1718	0000	-742	37.1935	80.9958	DB-2	1.6 +	2.7 +	9.3	1.68	0.29	5.85	2225.	59.	9.
1719	0000	-740	37.1935	80.9965	DB-2	1.5	2.5	8.9	1.66	0.28	5.90	2151.	56.	9.
1720	0000	-741	37.1935	80.9970	DB-2	1.5	2.6	8.3	1.71	0.31	5.56	2100.	55.	8.
1721	0000	-744	37.1935	80.9976	DB-2	1.4	2.6	8.6	1.83	0.30	6.07	2070.	53.	6.
1722	0000	-743	37.1935	80.9982	DB-2	1.4	2.6	8.8	1.79	0.29	6.18	2079.	54.	5.
1723	0000	-739	37.1935	80.9988	DB-2	1.5	2.5	8.7	1.69	0.29	5.82	2097.	54.	4.
1724	0000	-744	37.1935	80.9994	DB-2	1.6 +	2.4	9.1	1.54	0.26	5.82	2113.	57.	3.
1725	0000	-747	37.1935	81.0000	DB-2	1.6 +	2.4	9.3	1.52	0.26	5.83	2128.	61.	2.
1726	0000	-740	37.1935	81.0006	DB-2	1.7 +	2.3	9.4	1.40	0.24	5.72	2158.	61.	3.
1727	0000	-742	37.1935	81.0013	DB-2	1.8 +	2.1	9.7 +	1.20 -	0.22	5.51	2208.	60.	3.
1728	0000	-751	37.1935	81.0018	DB-2	1.8 +	2.2	9.8 +	1.22 -	0.22	5.47	2268.	57.	4.
1729	0000	-748	37.1935	81.0024	DB-2	2.0 ++	2.3	9.9 +	1.18 -	0.23	5.10 -	2335.	54.	5.
1730	0000	-744	37.1935	81.0031	DB-2	1.9 ++	2.5	10.2 +	1.27 -	0.24	5.21 -	2361.	53.	6.
1731	0000	-750	37.1935	81.0036	DB-2	1.9 ++	2.3	9.9 +	1.18 -	0.23	5.14 -	2336.	51.	8.
1732	0000	-753	37.1935	81.0042	DB-2	1.9 +	2.2	9.9 +	1.16 -	0.22	5.32 -	2283.	52.	8.
1733	0000	-752	37.1935	81.0049	DB-2	1.8 +	2.2	9.6	1.22 -	0.23	5.51	2227.	51.	8.
1734	0000	-751	37.1935	81.0054	DB-2	1.6 +	2.3	9.0	1.45	0.26	5.67	2137.	53.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-752	37.1935	81.0060	DB-2	1.5	2.2	8.6	1.47	0.26	5.70	2044.	55.	9.
1736	0000	-750	37.1936	81.0067	DB-2	1.4	2.1	8.1	1.53	0.26	5.78	1944.	59.	8.
1737	0000	-753	37.1936	81.0072	DB-2	1.4	2.1	7.8	1.54	0.27	5.76	1876.	60.	7.
1738	0000	-755	37.1936	81.0078	DB-2	1.3	2.0	8.1	1.52	0.25	6.04	1875.	59.	6.
1739	0000	-749	37.1936	81.0084	DB-2	1.4	2.3	7.8	1.69	0.30	5.67	1904.	59.	5.
1740	0000	-750	37.1936	81.0090	DB-2	1.4	2.6	7.8	1.89	0.34	5.53	1934.	60.	5.
1741	0000	-755	37.1936	81.0096	DB-2	1.5	2.5	8.1	1.68	0.31	5.42 -	1977.	59.	6.
1742	0000	-753	37.1936	81.0102	DB-2	1.5	2.4	8.4	1.56	0.29	5.40 -	2015.	59.	7.
1743	0000	-754	37.1936	81.0108	DB-2	1.6 +	2.4	8.5	1.47	0.28	5.32 -	2078.	57.	8.
1744	0000	-756	37.1936	81.0114	DB-2	1.7 +	2.1	8.9	1.22 -	0.24	5.13 -	2149.	58.	9.
1745	0000	-753	37.1936	81.0120	DB-2	1.7 +	2.3	9.1	1.30	0.25	5.25 -	2209.	59.	10.
1746	0000	-750	37.1936	81.0126	DB-2	1.8 +	2.0	9.3	1.10 -	0.22	5.09 -	2265.	55.	11.
1747	0000	-750	37.1936	81.0133	DB-2	1.9 ++	1.6 -	9.6	0.82 --	0.16 -	4.97 -	2284.	55.	12.
1748	0000	-754	37.1936	81.0138	DB-2	1.9 +	1.6 -	9.9 +	0.83 --	0.16 -	5.17 -	2327.	54.	12.
1749	0000	-758	37.1936	81.0144	DB-2	2.0 ++	1.7	10.3 +	0.87 --	0.17 -	5.27 -	2381.	54.	12.
1750	0000	-757	37.1936	81.0150	DB-2	1.9 ++	1.8	10.6 +	0.93 -	0.17 -	5.49	2401.	53.	12.
1751	0000	-755	37.1936	81.0156	DB-2	1.9 +	2.0	10.9 +	1.03 -	0.18 -	5.73	2402.	53.	12.
1752	0000	-752	37.1936	81.0162	DB-2	1.9 +	2.1	10.7 +	1.09 -	0.19 -	5.60	2373.	54.	12.
1753	0000	-751	37.1936	81.0168	DB-2	1.8 +	2.2	10.4 +	1.26 -	0.22	5.81	2294.	54.	11.
1754	0000	-754	37.1936	81.0174	DB-2	1.7 +	2.3	10.3 +	1.36	0.23	6.02	2244.	55.	11.
1755	0000	-752	37.1936	81.0180	DB-2	1.6 +	2.4	9.9 +	1.45	0.24	6.00	2175.	58.	13.
1756	0000	-754	37.1936	81.0186	DB-2	1.6 +	2.4	9.2	1.50	0.26	5.82	2106.	59.	13.
1757	0000	-758	37.1936	81.0192	DB-2	1.5	2.5	8.9	1.69	0.28	6.00	2059.	60.	14.
1758	0000	-754	37.1936	81.0198	DB-2	1.4	2.4	8.4	1.73	0.28	6.11	2005.	58.	15.
1759	0000	-756	37.1936	81.0204	DB-2	1.3	2.2	8.6	1.69	0.25	6.53	1967.	57.	16.
1760	0000	-759	37.1936	81.0210	DB-2	1.3	1.8	8.7	1.36	0.20	6.69	1960.	61.	18.
1761	0000	-756	37.1936	81.0216	DB-2	1.3	1.6 -	8.6	1.22 -	0.19 -	6.76	1963.	60.	19.
1762	0000	-760	37.1936	81.0222	DB-2	1.3	1.8	8.2	1.46	0.22	6.51	1965.	59.	18.
1763	0000	-762	37.1936	81.0228	DB-2	1.3	1.6	8.4	1.29 -	0.20 -	6.57	1951.	58.	18.
1764	0000	-757	37.1936	81.0234	DB-2	1.3	1.4 -	8.0	1.06 -	0.18 -	5.97	1908.	57.	17.
1765	0000	-758	37.1936	81.0240	DB-2	1.4	1.6 -	7.9	1.16 -	0.20	5.74	1888.	56.	16.
1766	0000	-759	37.1936	81.0246	DB-2	1.3	2.1	7.6	1.56	0.28	5.61	1892.	58.	13.
1767	0000	-757	37.1936	81.0252	DB-2	1.4	2.0	7.8	1.45	0.26	5.59	1912.	56.	11.
1768	0000	-760	37.1937	81.0258	DB-2	1.4	2.1	8.0	1.48	0.27	5.54	1930.	56.	10.
1769	0000	-764	37.1937	81.0264	DB-2	1.5	1.8	8.6	1.24 -	0.21	5.93	1912.	56.	8.
1770	0000	-762	37.1937	81.0271	DB-2	1.4	2.1	8.7	1.49	0.24	6.16	1914.	56.	6.
1771	0000	-759	37.1937	81.0276	DB-2	1.3	2.5	9.0	1.89	0.28	6.76	1923.	59.	5.
1772	0000	-758	37.1937	81.0282	DB-2	1.3	2.5	9.1	1.92	0.27	7.08	1908.	58.	4.
1773	0000	-760	37.1937	81.0289	DB-2	1.3	2.2	9.2	1.77	0.24	7.31	1866.	58.	5.
1774	0000	-764	37.1937	81.0294	DB-2	1.2	2.4	9.0	1.99	0.26	7.55	1815.	56.	6.
1775	0000	-763	37.1937	81.0300	DB-2	1.1	2.5	9.1	2.19	0.27	7.96	1769.	56.	5.
1776	0000	-760	37.1937	81.0307	DB-2	1.1	2.7 +	8.8	2.42	0.31	7.88	1762.	56.	6.
1777	0000	-758	37.1937	81.0312	DB-2	1.1	2.7 +	8.7	2.45	0.31	7.83	1788.	56.	7.
1778	0000	-757	37.1937	81.0318	DB-2	1.1	2.8 +	8.7	2.51	0.32	7.86	1803.	53.	7.
1779	0000	-763	37.1937	81.0324	DB-2	1.0	2.8 +	8.9	2.72 +	0.32	8.48	1797.	54.	6.
1780	0000	-767	37.1937	81.0330	DB-2	1.1	2.7 +	8.4	2.48	0.32	7.68	1784.	55.	6.
1781	0000	-764	37.1937	81.0336	DB-2	1.1	2.8 +	8.2	2.65	0.34 +	7.77	1761.	57.	5.
1782	0000	-767	37.1937	81.0342	DB-2	1.0	2.8 +	7.8	2.81 +	0.37 +	7.69	1734.	56.	5.
1783	0000	-770	37.1937	81.0348	DB-2	1.0	2.7	8.4	2.68	0.31	8.50	1714.	54.	5.
1784	0000	-767	37.1937	81.0354	DB-2	1.0	2.4	8.3	2.37	0.29	8.16	1681.	53.	5.
1785	0000	-767	37.1937	81.0360	DB-2	1.0	1.9	8.5	1.85	0.23	8.22	1656.	56.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-765	37.1937	81.0366	DB-2	1.1	1.9	8.0	1.73	0.24	7.36	1652.	58.	8.
1787	0000	-764	37.1937	81.0373	DB-2	1.1	1.8	8.5	1.70	0.22	7.82	1661.	57.	8.
1788	0000	-770	37.1937	81.0378	DB-2	1.1	1.8	8.6	1.65	0.20	8.04	1682.	56.	9.
1789	0000	-772	37.1937	81.0384	DB-2	1.1	1.6 -	8.7	1.43	0.18 -	7.75	1728.	57.	10.
1790	0000	-769	37.1937	81.0390	DB-2	1.1	1.4 -	8.1	1.25 -	0.17 -	7.20	1747.	57.	12.
1791	0000	-767	37.1937	81.0396	DB-2	1.1	1.5 -	7.6	1.37	0.20 -	6.96	1726.	59.	13.
1792	0000	-767	37.1937	81.0402	DB-2	1.1	1.6	7.3	1.50	0.22	6.74	1717.	60.	12.
1793	0000	-768	37.1937	81.0408	DB-2	1.1	1.8	7.8	1.66	0.23	7.14	1756.	58.	11.
1794	0000	-768	37.1937	81.0414	DB-2	1.1	1.8	8.0	1.59	0.22	7.18	1794.	58.	11.
1795	0000	-769	37.1937	81.0420	DB-2	1.2	1.7	8.2	1.50	0.21	7.10	1803.	57.	10.
1796	0000	-767	37.1937	81.0426	DB-2	1.1	1.8	8.6	1.67	0.22	7.73	1779.	55.	8.
1797	0000	-770	37.1937	81.0432	DB-2	1.1	2.1	8.8	1.86	0.23	7.94	1790.	55.	8.
1798	0000	-773	37.1937	81.0438	DB-2	1.1	2.2	9.5	2.03	0.23	8.64	1835.	55.	6.
1799	0000	-766	37.1937	81.0444	DB-2	1.1	2.4	9.8 +	2.26	0.24	9.30	1845.	51.	6.
1800	0000	-766	37.1938	81.0450	DB-2	1.1	2.3	9.8 +	2.13	0.23	9.19	1811.	52.	5.
1801	0000	-772	37.1938	81.0456	DB-2	1.0	2.6	9.5	2.48	0.27	9.19	1813.	51.	5.
1802	0000	-768	37.1938	81.0462	DB-2	1.0	2.7 +	9.7 +	2.75 +	0.28	9.79 +	1835.	54.	4.
1803	0000	-771	37.1938	81.0468	DB-2	1.0	2.8 +	9.5	2.70	0.29	9.15	1880.	55.	5.
1804	0000	-776	37.1938	81.0474	DB-2	1.0	2.9 +	9.4	2.93 +	0.31	9.41	1871.	56.	6.
1805	0000	-774	37.1938	81.0480	DB-2	1.1	2.5	9.4	2.39	0.27	8.85	1836.	57.	8.
1806	0000	-774	37.1938	81.0486	DB-2	1.1	2.5	9.0	2.30	0.28	8.23	1832.	59.	8.
1807	0000	-773	37.1938	81.0492	DB-2	1.0	2.4	8.9	2.40	0.27	8.81	1818.	57.	9.
1808	0000	-769	37.1938	81.0498	DB-2	1.0	2.2	9.2	2.32	0.24	9.72 +	1767.	58.	10.
1809	0000	-769	37.1938	81.0504	DB-2	1.0	2.4	8.8	2.45	0.27	9.08	1752.	57.	10.
1810	0000	-772	37.1938	81.0510	DB-2	0.9	2.4	8.3	2.68	0.28	9.44	1710.	58.	9.
1811	0000	-773	37.1938	81.0516	DB-2	0.9	2.2	8.0	2.40	0.28	8.61	1699.	56.	8.
1812	0000	-770	37.1938	81.0522	DB-2	0.9	2.5	8.3	2.74 +	0.30	9.23	1719.	55.	6.
1813	0000	-773	37.1938	81.0528	DB-2	0.9	2.4	8.4	2.64	0.28	9.29	1734.	55.	6.
1814	0000	-782	37.1938	81.0534	DB-2	1.0	2.5	8.5	2.60	0.29	8.91	1752.	55.	5.
1815	0000	-780	37.1938	81.0540	DB-2	1.0	2.6	8.0	2.64	0.32	8.13	1766.	57.	4.
1816	0000	-773	37.1938	81.0546	DB-2	1.0	2.5	8.1	2.50	0.31	8.15	1764.	57.	5.
1817	0000	-777	37.1938	81.0552	DB-2	1.0	2.4	8.5	2.28	0.28	8.21	1782.	58.	6.
1818	0000	-775	37.1938	81.0558	DB-2	1.1	2.4	8.9	2.19	0.26	8.26	1806.	61.	7.
1819	0000	-772	37.1938	81.0565	DB-2	1.1	2.4	9.0	2.25	0.27	8.34	1810.	60.	8.
1820	0000	-778	37.1938	81.0570	DB-2	1.1	2.1	9.7 +	1.97	0.22	8.90	1818.	58.	9.
1821	0000	-780	37.1938	81.0576	DB-2	1.1	2.0	9.2	1.85	0.22	8.44	1798.	59.	10.
1822	0000	-782	37.1938	81.0582	DB-2	1.1	1.9	8.8	1.63	0.21	7.71	1787.	58.	11.
1823	0000	-779	37.1938	81.0588	DB-2	1.2	1.6 -	8.5	1.32	0.19 -	6.97	1761.	58.	11.
1824	0000	-774	37.1938	81.0593	DB-2	1.3	1.4 -	8.2	1.08 -	0.17 -	6.45	1738.	59.	11.
1825	0000	-778	37.1938	81.0600	DB-2	1.3	1.4 -	8.0	1.06 -	0.17 -	6.16	1738.	57.	10.
1826	0000	-782	37.1938	81.0606	DB-2	1.3	1.2 -	7.6	0.94 -	0.16 -	5.73 -	1725.	59.	10.
1827	0000	-778	37.1938	81.0613	DB-2	1.3	1.6 -	6.6 -	1.25 -	0.24	5.19 -	1691.	63.	9.
1828	0000	-779	37.1938	81.0618	DB-2	1.3	1.4 -	6.9	1.12 -	0.20	5.49	1691.	62.	9.
1829	0000	-781	37.1938	81.0624	DB-2	1.2	1.5 -	7.4	1.27 -	0.21	6.16	1718.	60.	8.
1830	0000	-779	37.1938	81.0630	DB-2	1.1	1.6 -	7.8	1.43	0.20	7.00	1729.	60.	8.
1831	0000	-781	37.1938	81.0636	DB-2	1.0	1.7	8.0	1.64	0.21	7.86	1730.	58.	8.
1832	0000	-785	37.1939	81.0641	DB-2	0.9	1.6	8.4	1.75	0.20 -	8.90	1699.	57.	8.
1833	0000	-783	37.1939	81.0648	DB-2	0.9	1.6 -	8.6	1.85	0.19 -	9.91 +	1675.	56.	7.
1834	0000	-776	37.1939	81.0654	DB-2	0.8	1.5 -	8.6	1.85	0.18 -	10.39 +	1654.	56.	6.
1835	0000	-780	37.1939	81.0660	DB-2	0.8	1.8	9.0	2.08	0.20 -	10.61 +	1676.	56.	5.
1836	0000	-786	37.1939	81.0666	DB-2	0.8	1.9	9.6	2.23	0.19 -	11.46 +	1678.	57.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-779	37.1939	81.0672	DB-2	0.8	2.0	10.1 +	2.33	0.20 -	11.95 +	1704.	57.	3.
1838	0000	-776	37.1939	81.0678	DB-2	0.8	2.2	10.0 +	2.57	0.22	11.94 +	1697.	57.	1.
1839	0000	-782	37.1939	81.0684	DB-2	0.8 -	2.3	10.2 +	2.93 +	0.22	13.05 ++	1687.	57.	1.
1840	0000	-782	37.1939	81.0690	DB-2	0.8	2.3	9.7 +	2.75 +	0.23	11.89 +	1657.	59.	1.
1841	0000	-781	37.1939	81.0695	DB-2	0.8	2.2	9.7 +	2.73 +	0.23	11.99 +	1631.	58.	1.
1842	0000	-784	37.1939	81.0702	DB-2	0.8 -	2.2	9.4	2.95 +	0.24	12.42 +	1587.	58.	1.
1843	0000	-784	37.1939	81.0708	DB-2	0.8 -	2.1	8.7	2.68	0.24	11.01 +	1527.	57.	2.
1844	0000	-783	37.1939	81.0714	DB-2	0.7 -	1.8	8.1	2.47	0.23	10.75 +	1442.	57.	3.
1845	0000	-781	37.1939	81.0720	DB-2	0.7 -	1.8	7.6	2.68	0.24	11.20 +	1367.	58.	3.
1846	0000	-779	37.1939	81.0726	DB-2	0.7 -	1.8	6.6 -	2.75 +	0.27	10.08 +	1272.	59.	4.
1847	0000	-783	37.1939	81.0732	DB-2	0.6 -	1.8	6.3 -	3.14 +	0.28	11.08 +	1199.	59.	4.
1848	0000	-788	37.1940	81.0738	DB-2	0.6 -	1.6 -	5.7 -	2.84 +	0.28	10.15 +	1134.	60.	5.
1849	0000	-786	37.1940	81.0744	DB-2	0.5 -	1.4 -	5.5 -	2.62	0.25	10.64 +	1068.	62.	5.
1850	0000	-782	37.1940	81.0750	DB-2	0.5 -	1.1 --	5.2 --	2.24	0.21	10.69 +	1030.	61.	6.
1851	0000	-785	37.1940	81.0756	DB-2	0.5 -	1.2 -	4.8 --	2.58	0.26	9.89 +	1010.	62.	6.
1852	0000	-787	37.1940	81.0762	DB-2	0.5 -	1.3 -	4.6 --	2.35	0.27	8.61	1017.	62.	7.
1853	0000	-784	37.1940	81.0768	DB-2	0.6 -	1.2 -	4.8 --	2.13	0.25	8.39	1057.	61.	6.
1854	0000	-784	37.1940	81.0774	DB-2	0.6 -	1.4 -	4.9 --	2.38	0.27	8.67	1098.	62.	6.
1855	0000	-783	37.1940	81.0780	DB-2	0.6 -	1.4 -	5.2 --	2.35	0.27	8.57	1151.	62.	7.
1856	0000	-788	37.1940	81.0786	DB-2	0.7 -	1.7	5.4 -	2.53	0.32	7.98	1223.	61.	7.
1857	0000	-794	37.1940	81.0792	DB-2	0.6 -	2.1	5.5 -	3.37 +	0.39 +	8.70	1273.	63.	6.
1858	0000	-787	37.1940	81.0798	DB-2	0.6 -	2.2	5.8 -	3.49 +	0.39 +	9.00	1299.	62.	6.
1859	0000	-784	37.1940	81.0804	DB-2	0.6 -	2.1	5.9 -	3.43 +	0.36 +	9.47	1307.	62.	6.
1860	0000	-791	37.1940	81.0810	DB-2	0.6 -	2.2	6.1 -	3.77 +	0.37 +	10.29 +	1306.	60.	6.
1861	0000	-790	37.1940	81.0816	DB-2	0.6 -	2.3	6.2 -	3.95 ++	0.37 +	10.68 +	1295.	60.	6.
1862	0000	-788	37.1940	81.0822	DB-2	0.5 -	2.3	6.4 -	4.55 ++	0.35 +	12.97 ++	1263.	59.	5.
1863	0000	-790	37.1940	81.0828	DB-2	0.4 -	2.2	6.1 -	5.12 ++	0.35 +	14.47 ++	1203.	59.	5.
1864	0000	-790	37.1940	81.0833	DB-2	0.4 --	2.0	6.0 -	4.90 ++	0.34 +	14.40 ++	1170.	59.	5.
1865	0000	-791	37.1940	81.0840	DB-2	0.4 --	2.0	5.8 -	5.18 ++	0.35 +	14.61 ++	1161.	59.	5.
1866	0000	-791	37.1940	81.0846	DB-2	0.4 --	1.8	5.9 -	4.63 ++	0.31	14.87 ++	1169.	60.	5.
1867	0000	-791	37.1940	81.0852	DB-2	0.4 --	1.7	6.0 -	4.34 ++	0.28	15.25 ++	1165.	59.	6.
1868	0000	-792	37.1940	81.0858	DB-2	0.4 --	1.5 -	5.9 -	3.74 +	0.26	14.37 ++	1165.	59.	6.
1869	0000	-794	37.1940	81.0864	DB-2	0.4 -	1.6	6.0 -	3.68 +	0.27	13.51 ++	1183.	60.	5.
1870	0000	-793	37.1940	81.0871	DB-2	0.5 -	1.6	6.3 -	3.48 +	0.26	13.43 ++	1193.	58.	5.
1871	0000	-790	37.1940	81.0876	DB-2	0.5 -	1.5 -	6.3 -	3.06 +	0.24	12.85 ++	1182.	58.	5.
1872	0000	-790	37.1940	81.0882	DB-2	0.5 -	1.4 -	6.3 -	2.93 +	0.22	13.24 ++	1168.	58.	6.
1873	0000	-792	37.1940	81.0888	DB-2	0.4 -	1.6 -	6.1 -	3.51 +	0.26	13.68 ++	1152.	58.	6.
1874	0000	-796	37.1940	81.0894	DB-2	0.5 -	1.6 -	6.0 -	3.34 +	0.26	12.83 ++	1165.	60.	6.
1875	0000	-798	37.1940	81.0899	DB-2	0.5 -	1.7	6.2 -	3.59 +	0.27	13.39 ++	1192.	58.	6.
1876	0000	-795	37.1940	81.0906	DB-2	0.5 -	1.6	6.4 -	3.41 +	0.26	13.34 ++	1202.	59.	6.
1877	0000	-791	37.1940	81.0912	DB-2	0.5 -	1.7	6.3 -	3.22 +	0.27	11.80 +	1251.	58.	7.
1878	0000	-789	37.1940	81.0917	DB-2	0.6 -	1.9	6.9	3.18 +	0.27	11.70 +	1325.	57.	7.
1879	0000	-793	37.1940	81.0924	DB-2	0.7 -	2.0	7.2	2.93 +	0.27	10.70 +	1411.	58.	5.
1880	0000	-798	37.1941	81.0930	DB-2	0.8 -	2.3	7.4	3.00 +	0.31	9.62 +	1506.	57.	5.
1881	0000	-793	37.1941	81.0936	DB-2	0.9	2.4	7.5	2.80 +	0.32	8.66	1568.	58.	4.
1882	0000	-791	37.1941	81.0942	DB-2	1.0	2.5	7.7	2.46	0.32	7.77	1641.	60.	4.
1883	0000	-795	37.1941	81.0947	DB-2	1.1	2.6	7.7	2.37	0.34 +	6.98	1713.	61.	3.
1884	0000	-795	37.1941	81.0954	DB-2	1.2	2.8 +	8.2	2.39	0.34 +	7.07	1760.	61.	2.
1885	0000	-795	37.1941	81.0960	DB-2	1.2	2.8 +	7.9	2.34	0.36 +	6.57	1779.	61.	1.
1886	0000	-796	37.1941	81.0965	DB-2	1.2	2.9 +	8.0	2.34	0.36 +	6.52	1795.	60.	1.
1887	0000	-796	37.1941	81.0972	DB-2	1.2	2.7 +	8.3	2.19	0.33	6.65	1783.	60.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-794	37.1941	81.0978	DB-2	1.3	2.6	8.5	2.03	0.30	6.73	1787.	58.	1.
1889	0000	-793	37.1941	81.0984	DB-2	1.2	2.6	8.3	2.11	0.31	6.74	1800.	56.	1.
1890	0000	-795	37.1941	81.0990	DB-2	1.2	2.6	8.4	2.14	0.31	6.87	1820.	54.	2.
1891	0000	-797	37.1941	81.0996	DB-2	1.3	2.4	8.6	1.93	0.28	6.89	1843.	55.	2.
1892	0000	-796	37.1941	81.1002	DB-2	1.2	2.5	8.6	2.00	0.29	6.94	1862.	56.	4.
1893	0000	-796	37.1941	81.1008	DB-2	1.2	2.6	8.5	2.10	0.30	6.92	1878.	55.	5.
1894	0000	-797	37.1941	81.1013	DB-2	1.2	2.6	8.3	2.17	0.32	6.82	1895.	56.	6.
1895	0000	-794	37.1941	81.1020	DB-2	1.2	2.9 +	7.9	2.40	0.37 +	6.45	1917.	55.	8.
1896	0000	-792	37.1941	81.1026	DB-2	1.2	3.0 +	7.9	2.52	0.37 +	6.73	1918.	56.	9.
1897	0000	-790	37.1941	81.1032	DB-2	1.2	2.6	7.9	2.26	0.33	6.80	1907.	55.	10.
1898	0000	-787	37.1941	81.1038	DB-2	1.2	2.8 +	7.4	2.39	0.37 +	6.44	1909.	55.	11.
1899	0000	-789	37.1941	81.1044	DB-2	1.2	2.6	7.8	2.26	0.33	6.78	1906.	53.	10.
1900	0000	-793	37.1941	81.1050	DB-2	1.2	2.5	7.8	2.13	0.32	6.58	1902.	55.	11.
1901	0000	-796	37.1941	81.1056	DB-2	1.3	2.5	7.9	1.97	0.32	6.22	1937.	55.	10.
1902	0000	-796	37.1941	81.1062	DB-2	1.3	2.4	8.6	1.89	0.28	6.83	1968.	57.	9.
1903	0000	-792	37.1941	81.1068	DB-2	1.4	2.3	8.7	1.65	0.26	6.38	1985.	57.	9.
1904	0000	-791	37.1941	81.1074	DB-2	1.5	2.5	9.0	1.70	0.27	6.17	2049.	57.	8.
1905	0000	-796	37.1941	81.1080	DB-2	1.5	2.4	9.2	1.63	0.26	6.28	2041.	56.	6.
1906	0000	-794	37.1941	81.1086	DB-2	1.5	2.5	9.0	1.71	0.28	6.06	2032.	56.	6.
1907	0000	-790	37.1941	81.1092	DB-2	1.5	2.6	9.4	1.68	0.27	6.12	2052.	55.	4.
1908	0000	-788	37.1941	81.1098	DB-2	1.5	2.7 +	9.4	1.79	0.29	6.17	2066.	55.	3.
1909	0000	-789	37.1941	81.1104	DB-2	1.6 +	2.7 +	9.3	1.72	0.30	5.81	2094.	54.	3.
1910	0000	-795	37.1941	81.1110	DB-2	1.5	2.7 +	9.2	1.75	0.30	5.92	2077.	54.	2.
1911	0000	-795	37.1941	81.1116	DB-2	1.5	2.8 +	8.5	1.94	0.34	5.80	2017.	53.	2.
1912	0000	-791	37.1942	81.1122	DB-2	1.5	2.9 +	8.7	1.95	0.33	5.82	2029.	54.	2.
1913	0000	-788	37.1942	81.1128	DB-2	1.5	2.8 +	8.8	1.82	0.32	5.76	2060.	55.	4.
1914	0000	-788	37.1942	81.1134	DB-2	1.5	2.8 +	8.8	1.88	0.32	5.97	2077.	54.	6.
1915	0000	-789	37.1942	81.1139	DB-2	1.4	2.6	8.8	1.85	0.30	6.16	2051.	54.	7.
1916	0000	-787	37.1942	81.1146	DB-2	1.4	2.8 +	9.0	2.07	0.32	6.57	2019.	54.	8.
1917	0000	-787	37.1942	81.1152	DB-2	1.4	3.0 +	9.4	2.17	0.32	6.75	2031.	54.	10.
1918	0000	-794	37.1942	81.1157	DB-2	1.3	2.9 +	9.7 +	2.19	0.30	7.34	2023.	55.	10.
1919	0000	-790	37.1942	81.1164	DB-2	1.3	2.8 +	9.2	2.23	0.31	7.20	1994.	55.	11.
1920	0000	-787	37.1942	81.1170	DB-2	1.2	2.9 +	9.1	2.47	0.32	7.72	1961.	54.	11.
1921	0000	-787	37.1942	81.1175	DB-2	1.2	2.8 +	8.9	2.40	0.32	7.54	1918.	53.	10.
1922	0000	-796	37.1942	81.1182	DB-2	1.1	2.9 +	8.8	2.59	0.33	7.83	1890.	51.	10.
1923	0000	-786	37.1942	81.1188	DB-2	1.0	2.8 +	8.5	2.68	0.33	8.10	1845.	50.	9.
1924	0000	-789	37.1942	81.1193	DB-2	1.0	2.7 +	7.8	2.81 +	0.35 +	8.05	1804.	49.	9.
1925	0000	-793	37.1942	81.1200	DB-2	1.0	2.7 +	7.8	2.62	0.35 +	7.58	1816.	48.	8.
1926	0000	-791	37.1942	81.1205	DB-2	1.0	2.6	8.5	2.53	0.31	8.20	1840.	47.	8.
1927	0000	-794	37.1942	81.1212	DB-2	1.1	2.6	8.5	2.35	0.31	7.67	1858.	49.	8.
1928	0000	-793	37.1942	81.1218	DB-2	1.1	2.7 +	8.7	2.43	0.31	7.92	1855.	51.	8.
1929	0000	-787	37.1942	81.1223	DB-2	1.1	2.4	8.6	2.20	0.28	7.83	1852.	52.	9.
1930	0000	-789	37.1942	81.1230	DB-2	1.1	2.5	8.5	2.21	0.29	7.60	1858.	52.	9.
1931	0000	-789	37.1942	81.1236	DB-2	1.1	2.4	9.0	2.12	0.27	7.87	1871.	52.	8.
1932	0000	-783	37.1942	81.1241	DB-2	1.1	2.5	8.8	2.22	0.28	7.95	1838.	52.	9.
1933	0000	-784	37.1942	81.1248	DB-2	1.1	2.4	8.8	2.19	0.27	8.09	1809.	52.	10.
1934	0000	-787	37.1942	81.1254	DB-2	1.1	2.2	8.9	2.05	0.25	8.14	1793.	52.	10.
1935	0000	-784	37.1942	81.1260	DB-2	1.1	2.2	8.7	1.88	0.25	7.58	1821.	50.	10.
1936	0000	-786	37.1942	81.1266	DB-2	1.2	2.2	8.9	1.84	0.25	7.44	1835.	50.	10.
1937	0000	-787	37.1942	81.1272	DB-2	1.3	1.9	9.3	1.51	0.21	7.21	1853.	52.	11.
1938	0000	-787	37.1942	81.1277	DB-2	1.3	1.9	9.0	1.46	0.21	6.80	1853.	51.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-789	37.1942	81.1284	DB-2	1.4	1.8	9.2	1.32	0.19 -	6.83	1875.	48.	12.
1940	0000	-786	37.1942	81.1289	DB-2	1.3	1.8	8.7	1.39	0.21	6.50	1870.	48.	12.
1941	0000	-785	37.1942	81.1295	DB-2	1.3	1.8	8.8	1.47	0.21	6.97	1835.	48.	12.
1942	0000	-785	37.1942	81.1302	DB-2	1.2	1.7	8.4	1.34	0.20	6.74	1780.	48.	13.
1943	0000	-782	37.1942	81.1308	DB-2	1.2	1.6 -	8.3	1.30	0.19 -	6.86	1738.	49.	13.
1944	0000	-784	37.1942	81.1313	DB-2	1.2	1.7	7.9	1.40	0.21	6.67	1726.	47.	12.
1945	0000	-787	37.1943	81.1319	DB-2	1.1	1.9	8.4	1.68	0.23	7.34	1725.	47.	11.
1946	0000	-785	37.1943	81.1325	DB-2	1.2	2.0	8.3	1.68	0.24	7.02	1740.	49.	10.
1947	0000	-782	37.1943	81.1330	DB-2	1.2	2.2	8.5	1.81	0.26	6.86	1775.	50.	9.
1948	0000	-779	37.1943	81.1335	DB-2	1.4	2.4	8.7	1.74	0.28	6.30	1843.	52.	7.
1949	0000	-783	37.1943	81.1342	DB-2	1.4	2.8 +	9.1	1.95	0.30	6.45	1915.	53.	5.
1950	0000	-787	37.1943	81.1347	DB-2	1.5	3.0 +	9.3	2.01	0.32	6.19	2004.	54.	3.
1951	0000	-782	37.1943	81.1352	DB-2	1.5	3.0 +	9.8 +	1.99	0.31	6.42	2056.	55.	2.
1952	0000	-782	37.1943	81.1358	DB-2	1.6 +	2.9 +	9.2	1.80	0.32	5.67	2109.	57.	2.
1953	0000	-787	37.1943	81.1364	DB-2	1.6 +	3.1 +	9.3	1.93	0.34 +	5.68	2144.	57.	3.
1954	0000	-784	37.1943	81.1369	DB-2	1.7 +	2.7 +	9.3	1.60	0.29	5.47	2173.	56.	4.
1955	0000	-784	37.1943	81.1374	DB-2	1.7 +	2.8 +	9.4	1.67	0.29	5.68	2187.	56.	5.
1956	0000	-787	37.1943	81.1380	DB-2	1.7 +	2.6	9.4	1.57	0.28	5.67	2208.	53.	7.
1957	0000	-786	37.1943	81.1386	DB-2	1.7 +	2.9 +	9.2	1.72	0.31	5.57	2210.	51.	8.
1958	0000	-784	37.1943	81.1391	DB-2	1.7 +	2.8 +	9.1	1.65	0.31	5.35 -	2229.	51.	9.
1959	0000	-780	37.1943	81.1397	DB-2	1.8 +	2.6	9.4	1.50	0.28	5.33 -	2275.	51.	11.
1960	0000	-781	37.1942	81.1403	DB-2	1.8 +	2.3	9.8 +	1.29 -	0.24	5.43 -	2298.	51.	11.
1961	0000	-785	37.1942	81.1407	DB-2	1.7 +	2.6	10.0 +	1.54	0.26	5.88	2278.	51.	10.
1962	0000	-783	37.1942	81.1413	DB-2	1.7 +	2.4	9.9 +	1.42	0.24	5.82	2248.	52.	11.
1963	0000	-779	37.1942	81.1419	DB-2	1.6 +	2.2	10.0 +	1.34	0.22	6.07	2181.	55.	10.
1964	0000	-778	37.1942	81.1424	DB-2	1.6 +	1.5 -	10.3 +	0.94 -	0.15 --	6.26	2141.	55.	10.
1965	0000	-778	37.1942	81.1430	DB-2	1.6 +	1.5 -	9.7 +	0.93 -	0.15 -	6.05	2085.	56.	10.
1966	0000	-778	37.1942	81.1436	DB-2	1.5	1.6 -	9.4	1.08 -	0.17 -	6.49	1983.	58.	9.
1967	0000	-777	37.1942	81.1441	DB-2	1.3	1.6 -	8.9	1.16 -	0.18 -	6.61	1879.	57.	9.
1968	0000	-778	37.1942	81.1446	DB-2	1.3	1.4 -	8.0	1.15 -	0.18 -	6.33	1772.	59.	10.
1969	0000	-781	37.1942	81.1452	DLMU-2	1.1	1.3 --	7.2 -	1.16 -	0.19 -	6.29	1663.	58.	11.
1970	0000	-781	37.1943	81.1458	DLMU-1	1.1 +	1.5	6.5 +	1.46 -	0.24 -	6.18	1589.	58.	10.
1971	0000	-780	37.1943	81.1463	DLMU-1	0.9 +	1.8	6.0 +	1.97	0.30	6.50	1501.	58.	10.
1972	0000	-779	37.1943	81.1469	DLMU-1	0.8 +	1.7	5.6 +	2.08	0.30	6.85	1430.	58.	10.
1973	0000	-775	37.1943	81.1474	DLMU-1	0.8	1.6	5.2	2.00	0.30	6.63	1364.	58.	10.
1974	0000	-775	37.1943	81.1479	DLMU-1	0.8	1.6	5.0	2.16	0.33	6.59	1322.	59.	10.
1975	0000	-777	37.1943	81.1485	DLMU-1	0.7	1.7	5.1	2.27	0.33	6.86	1332.	59.	10.
1976	0000	-775	37.1943	81.1490	DLMU-1	0.7	1.9	5.8 +	2.53	0.32	7.89	1353.	59.	8.
1977	0000	-774	37.1943	81.1496	DLMU-1	0.7	1.9	6.1 +	2.52	0.30	8.29	1343.	57.	7.
1978	0000	-778	37.1943	81.1502	DLMU-1	0.7	1.8	6.4 +	2.52	0.29	8.77	1337.	56.	6.
1979	0000	-777	37.1943	81.1507	DLMU-1	0.7	2.1 +	6.4 +	2.79	0.32	8.58	1306.	56.	5.
1980	0000	-772	37.1943	81.1513	DLMU-1	0.7	2.1 +	6.2 +	3.01	0.34	8.90	1295.	58.	4.
1981	0000	-776	37.1943	81.1518	DLMU-1	0.7	2.2 +	6.0 +	3.16	0.37	8.47	1282.	58.	2.
1982	0000	-780	37.1943	81.1524	DLMU-1	0.7	2.2 +	6.1 +	3.15	0.37	8.52	1270.	56.	1.
1983	0000	-776	37.1943	81.1529	DLMU-1	0.7	2.3 +	5.4	3.37	0.43	7.88	1247.	54.	2.
1984	0000	-774	37.1943	81.1534	DLMU-1	0.7	2.4 +	5.3	3.56	0.45	7.97	1243.	56.	2.
1985	0000	-772	37.1943	81.1540	DLMU-1	0.7	2.4 +	4.8	3.61	0.50	7.15	1231.	60.	3.
1986	0000	-770	37.1943	81.1546	DLMU-1	0.6	2.3 +	5.3	3.72	0.44	8.52	1246.	59.	3.
1987	0000	-771	37.1943	81.1551	DLMU-1	0.6	2.2 +	5.6 +	3.37	0.39	8.61	1255.	57.	4.
1988	0000	-771	37.1943	81.1557	DLMU-1	0.6	1.9	5.6 +	3.28	0.35	9.48	1237.	56.	6.
1989	0000	-770	37.1943	81.1563	DLMU-1	0.6	1.8	5.5	3.03	0.34	8.99	1198.	55.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-769	37.1943	81.1568	DLMU-1	0.6	1.5	5.4	2.56	0.28	9.23	1157.	57.	8.
1991	0000	-769	37.1943	81.1573	DLMU-1	0.6	1.2	5.3	2.14	0.23 -	9.21	1116.	56.	9.
1992	0000	-770	37.1943	81.1579	DLMU-1	0.5	1.0	5.1	1.75 -	0.19 -	9.33	1070.	53.	10.
1993	0000	-769	37.1943	81.1585	DLMU-1	0.5	0.9 -	4.6	1.64 -	0.19 -	8.84	1034.	51.	12.
1994	0000	-770	37.1943	81.1590	DLMU-1	0.4	0.9 -	4.6	2.09	0.19 -	10.96	997.	49.	12.
1995	0000	-770	37.1943	81.1595	DLMU-1	0.4	0.8 -	4.6	1.93	0.17 -	11.27	979.	52.	13.
1996	0000	-767	37.1944	81.1602	DLMU-1	0.4	0.7 -	4.7	1.95	0.15 --	12.93	967.	52.	14.
1997	0000	-767	37.1944	81.1606	DLMU-1	0.3	0.6 -	4.7	1.81 -	0.13 --	13.76	959.	52.	15.
1998	0000	-767	37.1944	81.1612	DLMU-1	0.3	0.6 --	4.3	2.02	0.14 --	14.01	938.	54.	16.
1999	0000	-767	37.1944	81.1618	DLMU-1	0.3	0.6 -	4.2	2.24	0.15 --	14.92	911.	56.	15.
2000	0000	-770	37.1944	81.1623	DLMU-1	0.2	0.6 --	4.3	2.61	0.14 --	19.05 +	849.	56.	14.
2001	0000	-772	37.1944	81.1629	DLMU-1	0.2	0.4 ---	3.9	1.61 -	0.10 ---	15.81 +	790.	56.	14.
2002	0000	-768	37.1944	81.1634	DLMU-1	0.2	0.5 --	3.5	2.34	0.14 --	16.75 +	744.	56.	13.
2003	0000	-764	37.1944	81.1640	DLMU-1	0.2	0.4 --	3.3	1.99	0.13 --	14.83	716.	56.	13.
2004	0000	-763	37.1944	81.1645	DLMU-1	0.2	0.9 -	3.0	4.34	0.29	14.79	705.	58.	11.
2005	0000	-763	37.1944	81.1651	DLMU-1	0.2	1.0	3.4	4.57	0.29	15.80 +	722.	56.	10.
2006	0000	-764	37.1944	81.1657	DLMU-1	0.2	1.0	3.5	4.83	0.29	16.49 +	736.	57.	10.
2007	0000	-763	37.1944	81.1662	DLMU-1	0.2	1.1	3.6	4.86	0.31	15.68 +	764.	55.	9.
2008	0000	-760	37.1944	81.1668	DLMU-1	0.2	1.1	3.7	4.68	0.31	15.19	791.	58.	9.
2009	0000	-765	37.1944	81.1673	SU	0.3	1.1	3.7	4.08	0.31	13.32	812.	58.	8.
2010	0000	-769	37.1944	81.1678	SU	0.3	1.2	3.6	4.56	0.34	13.56	819.	58.	8.
2011	0000	-766	37.1944	81.1684	SU	0.3	1.0	3.7	3.85	0.29	13.46	831.	56.	9.
2012	0000	-764	37.1944	81.1690	SU	0.3	1.0	3.4	3.52	0.29	12.08	824.	56.	9.
2013	0000	-764	37.1944	81.1695	SU	0.3	1.1	3.1	3.81	0.36	10.55	823.	53.	10.
2014	0000	-763	37.1944	81.1700	SU	0.3	1.0	2.9 -	3.06	0.34	8.95	809.	53.	11.
2015	0000	-759	37.1944	81.1707	SU	0.3	1.2	2.6 -	4.10	0.48 +	8.59	789.	53.	10.
2016	0000	-755	37.1944	81.1712	SU	0.3	1.4	2.6 -	4.85	0.53 +	9.13	798.	53.	9.
2017	0000	-760	37.1943	81.1717	SU	0.3	1.4	3.0	5.32	0.48 +	11.03	810.	55.	9.
2018	0000	-762	37.1943	81.1723	SU	0.3	1.6	2.7 -	4.82	0.58 +	8.37 -	823.	55.	8.
2019	0000	-759	37.1943	81.1728	SU	0.3	1.5	3.1	4.46	0.47 +	9.47	835.	54.	8.
2020	0000	-755	37.1943	81.1734	SU	0.3	1.4	3.6	5.01	0.40	12.52	836.	56.	7.
2021	0000	-754	37.1944	81.1739	SU	0.3	1.5	3.6	5.77	0.43 +	13.45	841.	58.	7.
2022	0000	-759	37.1944	81.1745	SU	0.3	1.6	3.8	5.82	0.41	14.14	854.	56.	6.
2023	0000	-760	37.1944	81.1750	SU	0.3	1.5	3.6	5.55	0.42	13.08	850.	54.	6.
2024	0000	-757	37.1944	81.1756	SU	0.3	1.4	3.6	4.59	0.40	11.39	829.	53.	5.
2025	0000	-758	37.1944	81.1762	SU	0.3	1.3	3.8	4.87	0.35	14.08	795.	55.	4.
2026	0000	-760	37.1944	81.1767	SU	0.3	1.5	3.6	6.07 +	0.42	14.33	765.	58.	3.
2027	0000	-757	37.1944	81.1772	SU	0.3	1.5	3.4	5.29	0.44 +	12.05	754.	60.	2.
2028	0000	-753	37.1944	81.1778	SU	0.3	1.6	3.5	5.62	0.44 +	12.67	755.	60.	1.
2029	0000	-752	37.1944	81.1784	SU	0.3	1.5	3.9	4.95	0.38	13.16	766.	59.	1.
2030	0000	-748	37.1944	81.1789	SU	0.3	1.3	4.6	4.74	0.29	16.31	774.	60.	0.
2031	0000	-743	37.1944	81.1794	SU	0.2	1.4	4.4	5.76	0.32	17.87 +	788.	61.	1.
2032	0000	-743	37.1944	81.1801	SU	0.3	1.4	4.3	5.26	0.33	15.95	797.	59.	2.
2033	0000	-750	37.1944	81.1805	SU	0.3	1.4	4.1	4.98	0.35	14.37	808.	56.	2.
2034	0000	-754	37.1944	81.1811	SU	0.3	1.3	4.1	4.73	0.33	14.46	811.	54.	3.
2035	0000	-752	37.1944	81.1817	SU	0.3	1.2	4.2	4.33	0.30	14.66	806.	54.	3.
2036	0000	-752	37.1944	81.1823	SU	0.3	1.1	3.7	3.63	0.30	11.98	783.	57.	3.
2037	0000	-753	37.1944	81.1828	SU	0.3	1.2	3.2	4.22	0.39	10.77	763.	57.	3.
2038	0000	-753	37.1944	81.1833	SU	0.3	1.2	2.9	4.03	0.41	9.13	740.	58.	3.
2039	0000	-753	37.1944	81.1839	SU	0.3	1.0	3.1	3.66	0.33	10.95	719.	60.	3.
2040	0000	-753	37.1944	81.1844	SU	0.3	0.9	3.2	3.13	0.27	11.55	702.	61.	3.

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-753	37.1944	81.1850	SU	0.3	0.8	3.2	2.90	0.26	11.04	684.	60.	3.
2042	0000	-755	37.1944	81.1855	SU	0.3	0.7 -	3.0	2.22	0.23	9.56	669.	60.	4.
2043	0000	-755	37.1944	81.1861	OMUU	0.3 -	0.8 -	3.0 -	2.64	0.25	10.60	671.	61.	5.
2044	0000	-753	37.1944	81.1867	OMUU	0.3 -	0.5 --	3.2 -	1.58	0.16 -	10.07	675.	63.	7.
2045	0010	-754	37.1944	81.1872	OMUU	0.4	0.3 N.A.	3.3 -	0.83 N.A.	0.09 N.A.	8.89	700.	63.	9.
2046	0010	-752	37.1944	81.1877	OMUU	0.4	0.4 N.A.	3.2 -	0.88 N.A.	0.11 N.A.	8.12	744.	62.	10.
2047	0010	-751	37.1944	81.1883	OMUU	0.5	0.4 N.A.	3.6 -	0.72 N.A.	0.10 N.A.	7.29	809.	63.	11.
2048	0000	-753	37.1944	81.1888	OMUU	0.5	0.5 --	3.8	1.01 -	0.14 -	7.03	871.	64.	12.
2049	0000	-753	37.1944	81.1894	OMUU	0.6	0.9 -	3.8	1.52	0.24	6.44	938.	65.	11.
2050	0000	-753	37.1944	81.1899	OMUU	0.7	1.0	4.1	1.51	0.25	5.96	1005.	63.	10.
2051	0000	-755	37.1944	81.1905	OMUU	0.8	1.0	4.3	1.38	0.24	5.75	1082.	62.	9.
2052	0000	-752	37.1944	81.1911	OMUU	0.8	1.3	4.5	1.57	0.28	5.65 -	1168.	61.	8.
2053	0000	-752	37.1944	81.1916	OMUU	0.9	1.4	4.9	1.60	0.29	5.53 -	1235.	62.	8.
2054	0000	-754	37.1944	81.1922	OMUU	1.0	1.4	5.1	1.50	0.28	5.32 -	1285.	62.	8.
2055	0000	-751	37.1944	81.1927	OMUU	1.0	1.3	5.5	1.28	0.24	5.26 -	1323.	66.	7.
2056	0000	-749	37.1944	81.1933	OMUU	1.1	1.3	5.3	1.23 -	0.25	4.93 -	1380.	66.	9.
2057	0000	-750	37.1944	81.1938	OMUU	1.1	1.2	5.6	1.06 -	0.21	5.11 -	1419.	67.	10.
2058	0000	-750	37.1944	81.1944	OMUU	1.1	1.1	5.8	0.97 -	0.19	5.08 -	1432.	67.	10.
2059	0000	-750	37.1944	81.1950	OMUU	1.1	1.0	5.9	0.93 -	0.18 -	5.24 -	1423.	67.	11.
2060	0000	-748	37.1944	81.1955	OMUU	1.1	1.2	5.7	1.07 -	0.21	5.21 -	1408.	66.	12.
2061	0000	-747	37.1944	81.1960	OMUU	1.0	1.2	5.6	1.18 -	0.22	5.37 -	1403.	67.	12.
2062	0000	-749	37.1944	81.1966	OMUU	1.0	1.1	5.4	1.14 -	0.21	5.33 -	1394.	63.	13.
2063	0000	-747	37.1944	81.1972	OMUU	0.9	1.0 -	5.8	1.01 -	0.16 -	6.16	1339.	62.	12.
2064	0000	-744	37.1944	81.1977	OMUU	0.9	0.9 -	5.9	1.02 -	0.16 -	6.45	1299.	61.	11.
2065	0000	-743	37.1944	81.1983	OMUU	0.8	1.0	5.4	1.20 -	0.19	6.31	1261.	61.	11.
2066	0000	-745	37.1944	81.1988	OMUU	0.8	1.1	5.5	1.31	0.19	6.78	1221.	62.	10.
2067	0000	-745	37.1944	81.1993	OMUU	0.8	0.8 -	5.4	1.01 -	0.15 -	6.79	1188.	61.	10.
2068	0000	-742	37.1944	81.1999	OMUU	0.7	0.7 -	5.3	1.01 -	0.14 -	7.42	1121.	61.	9.
2069	0000	-741	37.1944	81.2005	OMUU	0.7	0.8 -	5.2	1.15 -	0.14 -	8.07	1066.	62.	8.
2070	0000	-741	37.1944	81.2010	OMUU	0.6	0.8 -	5.0	1.22 -	0.15 -	7.93	1030.	60.	7.
2071	0000	-740	37.1944	81.2016	OMUU	0.6	0.9 -	4.8	1.54	0.18 -	8.51	989.	57.	5.
2072	0000	-739	37.1945	81.2022	OMUU	0.6	1.0	4.9	1.82	0.21	8.89	982.	57.	4.
2073	0000	-736	37.1945	81.2027	OMUU	0.6	1.0	4.7	1.80	0.22	8.33	999.	56.	3.
2074	0000	-735	37.1945	81.2032	OMUU	0.6	1.3	4.9	2.26	0.27	8.49	1034.	55.	2.
2075	0000	-737	37.1945	81.2038	OMUU	0.7	1.4	5.3	2.10	0.26	8.14	1099.	55.	1.
2076	0000	-735	37.1945	81.2043	OMUU	0.7	1.6	5.4	2.24	0.29	7.67	1179.	52.	1.
2077	0000	-732	37.1945	81.2049	OMUU	0.8	1.8	6.1	2.21	0.29	7.48	1274.	53.	1.
2078	0000	-734	37.1945	81.2055	OMUU	0.9	2.0 +	6.2	2.23	0.32	6.89	1369.	53.	1.
2079	0000	-736	37.1945	81.2059	OMUU	0.9	2.1 +	6.7	2.26	0.32	7.08	1439.	55.	1.
2080	0000	-735	37.1945	81.2065	OMUU	1.0	2.2 +	7.5 +	2.26	0.30	7.55	1495.	56.	0.
2081	0000	-734	37.1945	81.2071	OMUU	1.0	2.0 +	8.0 +	2.01	0.25	7.90	1532.	54.	0.
2082	0000	-731	37.1945	81.2077	OMUU	1.0	2.2 +	7.8 +	2.22	0.28	8.00	1545.	55.	1.
2083	0000	-731	37.1945	81.2082	OMUU	1.0	2.1 +	8.1 +	2.21	0.26	8.37	1545.	57.	3.
2084	0000	-732	37.1945	81.2088	OMUU	0.9	1.8	7.9 +	2.03	0.23	8.71	1518.	59.	4.
2085	0000	-728	37.1945	81.2093	OMUU	0.9	1.7	7.8 +	1.94	0.21	9.11	1488.	58.	6.
2086	0000	-729	37.1945	81.2098	OMUU	0.8	1.6	7.5 +	1.94	0.21	9.27	1438.	56.	8.
2087	0000	-728	37.1945	81.2104	OMUU	0.7	1.5	6.8	2.09	0.22	9.66	1369.	55.	9.
2088	0000	-723	37.1945	81.2110	OMUU	0.6	1.3	6.3	2.00	0.20	9.85	1298.	55.	12.
2089	0000	-726	37.1945	81.2115	OMUU	0.6	1.1	5.9	1.83	0.18 -	9.95	1214.	56.	12.
2090	0000	-724	37.1945	81.2121	OMUU	0.5	0.9 -	5.5	1.75	0.17 -	10.27	1137.	56.	13.
2091	0000	-719	37.1945	81.2127	OMUU	0.5	1.1	5.1	2.15	0.21	10.19	1085.	55.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-723	37.1945	81.2132	OMUU	0.5	1.0 -	4.7	1.87	0.21	8.95	1058.	54.	11.
2093	0000	-723	37.1945	81.2137	OMUU	0.5	1.0 -	4.6	1.86	0.21	8.77	1037.	54.	10.
2094	0000	-720	37.1945	81.2143	OMUU	0.6	0.9 -	4.4	1.47	0.20	7.30	1049.	55.	9.
2095	0000	-720	37.1945	81.2149	OMUU	0.6	1.3	4.2	2.07	0.32	6.54	1084.	54.	8.
2096	0000	-717	37.1944	81.2154	OMUU	0.7	1.7	4.1	2.33	0.41 +	5.61 -	1146.	53.	7.
2097	0000	-716	37.1944	81.2159	OMUU	0.8	1.9	3.8	2.33	0.50 +	4.69 -	1222.	51.	7.
2098	0000	-717	37.1945	81.2166	OMUU	0.9	2.0 +	3.8	2.31	0.53 +	4.32 -	1284.	52.	7.
2099	0000	-718	37.1945	81.2170	OMUU	0.9	2.1 +	4.2	2.31	0.51 +	4.52 -	1341.	54.	6.
2100	0000	-718	37.1945	81.2176	OMUU	1.0	2.2 +	4.3	2.30	0.50 +	4.56 -	1386.	55.	7.
2101	0000	-714	37.1945	81.2182	OMUU	1.0	2.3 +	4.6	2.34	0.50 +	4.70 -	1418.	52.	7.
2102	0000	-712	37.1945	81.2187	OMUU	1.0	2.1 +	4.8	2.08	0.45 +	4.63 -	1436.	53.	8.
2103	0000	-711	37.1945	81.2193	OMUU	1.0	2.0 +	5.0	1.95	0.41 +	4.80 -	1447.	53.	8.
2104	0000	-712	37.1945	81.2198	OMUU	1.0	1.9	5.5	1.91	0.34	5.54 -	1433.	54.	8.
2105	0000	-715	37.1945	81.2204	OMUU	1.0	1.8	5.4	1.86	0.34	5.54 -	1425.	54.	9.
2106	0000	-713	37.1945	81.2209	OMUU	0.9	2.0 +	5.2	2.18	0.38 +	5.71 -	1401.	53.	10.
2107	0000	-708	37.1945	81.2215	OKU	0.9	1.5	5.4	1.69	0.29	5.90	1397.	52.	11.
2108	0000	-711	37.1945	81.2220	OKU	0.9	1.4	5.5	1.57	0.25	6.37	1384.	52.	12.
2109	0000	-711	37.1945	81.2225	OKU	0.8	1.3	6.1	1.68	0.21 -	7.89	1378.	51.	12.
2110	0000	-708	37.1945	81.2232	OKU	0.7	1.3	6.1	1.83	0.21 -	8.56	1349.	51.	13.
2111	0000	-708	37.1945	81.2237	OKU	0.7	1.4	5.9	2.11	0.24	8.93	1335.	53.	13.
2112	0000	-706	37.1945	81.2242	OKU	0.6	1.5	6.6 +	2.42	0.23	10.73	1318.	54.	11.
2113	0000	-706	37.1945	81.2248	OKU	0.6	1.5	6.8 +	2.71	0.22	12.15 +	1310.	53.	10.
2114	0000	-707	37.1945	81.2253	OKU	0.5	2.0 +	6.7 +	4.20 +	0.30	13.82 +	1302.	54.	9.
2115	0000	-706	37.1945	81.2259	OKU	0.5	2.5 +	6.5 +	5.53 +	0.39	14.18 +	1298.	55.	6.
2116	0000	-703	37.1945	81.2264	OKU	0.5	2.7 ++	6.2	5.56 +	0.42	13.09 +	1297.	57.	5.
2117	0000	-700	37.1945	81.2270	OKU	0.5	2.7 ++	6.4	5.57 +	0.42	13.34 +	1310.	57.	4.
2118	0000	-703	37.1945	81.2276	OKU	0.5	2.9 ++	6.2	5.87 +	0.46 +	12.75 +	1305.	55.	3.
2119	0000	-707	37.1945	81.2281	OKU	0.5	2.7 ++	5.8	5.61 +	0.47 +	12.01 +	1283.	55.	3.
2120	0000	-704	37.1945	81.2287	OKU	0.5	2.5 +	5.8	4.60 +	0.44 +	10.57	1252.	56.	2.
2121	0000	-700	37.1945	81.2292	OKU	0.6	2.2 +	5.7	3.64	0.39	9.43	1219.	58.	3.
2122	0000	-701	37.1945	81.2297	OKU	0.6	1.9	5.8	2.90	0.32	9.11	1197.	57.	4.
2123	0000	-702	37.1945	81.2303	OKU	0.7	1.7	5.3	2.56	0.32	8.08	1185.	56.	5.
2124	0000	-703	37.1945	81.2309	OKU	0.7	1.7	5.4	2.37	0.31	7.66	1190.	57.	5.
2125	0000	-702	37.1945	81.2314	OKU	0.8	1.6	5.4	2.11	0.30	7.04	1230.	57.	5.
2126	0000	-703	37.1945	81.2320	OKU	0.9	1.6	5.4	1.91	0.30	6.27	1313.	56.	6.
2127	0000	-705	37.1945	81.2325	OKU	1.0	1.8	5.8	1.93	0.32	6.06	1399.	56.	6.
2128	0000	-699	37.1945	81.2331	OKU	1.0	2.2 +	6.0	2.15	0.36	5.93	1502.	54.	6.
2129	0000	-699	37.1945	81.2336	OKU	1.1 +	2.6 ++	6.4 +	2.37	0.40	5.94	1605.	54.	5.
2130	0000	-703	37.1945	81.2342	OKU	1.2 +	3.0 ++	6.7 +	2.53	0.45 +	5.68	1685.	55.	4.
2131	0000	-701	37.1945	81.2347	OKU	1.2 +	3.3 +++	6.8 +	2.66	0.49 +	5.44	1776.	53.	4.
2132	0000	-699	37.1945	81.2353	OKU	1.3 +	3.4 +++	7.6 +	2.67	0.45 +	5.93	1850.	53.	3.
2133	0000	-700	37.1945	81.2358	OKU	1.3 +	3.6 +++	7.9 +	2.77	0.46 +	5.99	1890.	53.	1.
2134	0000	-700	37.1945	81.2364	CCR-1	1.3 +	3.6 ++	7.7 ++	2.66	0.46	5.75	1894.	54.	1.
2135	0000	-702	37.1945	81.2369	CCR-1	1.3 +	3.5 ++	7.7 ++	2.59	0.45	5.70	1863.	54.	0.
2136	0000	-701	37.1945	81.2375	CCR-1	1.3 +	3.2 ++	7.3 +	2.42	0.44	5.52	1803.	54.	0.
2137	0000	-698	37.1945	81.2381	CCR-1	1.3 +	2.7 +	7.4 +	2.11	0.37	5.70	1747.	55.	1.
2138	0000	-700	37.1945	81.2386	CCR-1	1.3 +	2.4	7.4 +	1.90	0.33	5.85	1708.	57.	2.
2139	0000	-703	37.1945	81.2392	CCR-1	1.2	2.4	6.9 +	2.02	0.35	5.81	1644.	57.	2.
2140	0000	-703	37.1945	81.2397	CCR-1	1.1	2.3	7.0 +	2.19	0.33	6.58	1585.	57.	2.
2141	0000	-702	37.1945	81.2403	CCR-1	1.0	2.2	6.9 +	2.33	0.32	7.19	1534.	56.	3.
2142	0000	-698	37.1945	81.2408	CCR-1	0.8	2.2	6.8 +	2.59	0.32	8.14	1484.	55.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-696	37.1945	81.2413	CCR-1	0.8	2.2	6.8 +	2.94	0.33	8.95	1448.	54.	3.
2144	0000	-698	37.1945	81.2420	CCU	0.6 +	2.3 +	6.6 +	3.64	0.35	10.29	1413.	53.	3.
2145	0000	-696	37.1945	81.2424	CCU	0.6	2.4 +	6.4 +	4.41	0.38	11.60	1342.	50.	2.
2146	0000	-696	37.1945	81.2430	CCU	0.5	2.2 +	6.2 +	4.03	0.35 -	11.56	1301.	51.	1.
2147	0000	-701	37.1945	81.2436	CCU	0.6	2.0	6.1 +	3.51	0.33 -	10.59	1282.	52.	1.
2148	0000	-702	37.1945	81.2441	CCU	0.6	2.0	6.1 +	3.45	0.33 -	10.38	1285.	54.	1.
2149	0000	-697	37.1946	81.2447	CCU	0.6 +	2.2 +	5.7	3.41	0.39	8.84	1301.	53.	0.
2150	0000	-696	37.1946	81.2452	CCU	0.7 +	2.1	5.8	3.05 -	0.36	8.35 -	1299.	56.	1.
2151	0000	-697	37.1946	81.2458	CCU	0.7 +	2.0	5.6	3.00 -	0.36	8.29 -	1275.	56.	2.
2152	0000	-698	37.1945	81.2463	CCU	0.6 +	1.9	5.5	2.97 -	0.35	8.49 -	1236.	57.	2.
2153	0000	-698	37.1945	81.2469	CCU	0.6	1.8	5.0	2.87 -	0.35 -	8.23 -	1176.	55.	3.
2154	0000	-699	37.1945	81.2475	CCU	0.5	1.8	4.5	3.27	0.39	8.42 -	1101.	55.	4.
2155	0000	-701	37.1945	81.2480	CCU	0.4	1.8	4.3	4.08	0.42 +	9.76	1026.	54.	5.
2156	0000	-700	37.1945	81.2486	CCU	0.4 -	1.7	4.2	4.52	0.40	11.33	967.	56.	5.
2157	0000	-697	37.1945	81.2491	CCU	0.3 -	1.7	4.4	5.28 +	0.38	13.92 ++	937.	53.	5.
2158	0000	-699	37.1945	81.2497	CCU	0.3 -	1.7	4.1 -	4.96 +	0.42 +	11.88 +	933.	55.	5.
2159	0000	-700	37.1945	81.2502	CCU	0.4 -	1.6 -	4.0 -	4.32	0.40	10.88	944.	54.	6.
2160	0000	-698	37.1945	81.2508	CCU	0.3 -	1.8	4.0 -	5.25 +	0.45 ++	11.66	949.	56.	7.
2161	0000	-700	37.1945	81.2514	CCU	0.4 -	1.7	4.1 -	4.48	0.41	11.03	954.	57.	7.
2162	0000	-701	37.1945	81.2518	CCU	0.4	1.6 -	4.1	3.82	0.40	9.61	965.	57.	7.
2163	0000	-699	37.1945	81.2524	CCU	0.4	1.6 -	4.1 -	3.79	0.38	9.89	954.	58.	7.
2164	0000	-700	37.1945	81.2530	OMUU	0.4	1.6	3.7	3.82	0.44 +	8.68	934.	58.	6.
2165	0000	-701	37.1945	81.2535	OMUU	0.4	1.5	3.9	4.16 +	0.39 +	10.79	890.	58.	6.
2166	0000	-700	37.1945	81.2541	OMUU	0.3 -	1.6	3.7 -	4.81 +	0.42 +	11.37	844.	62.	4.
2167	0000	-701	37.1945	81.2547	OMUU	0.3	1.4	3.6 -	4.13 +	0.40 +	10.31	809.	62.	4.
2168	0000	-700	37.1945	81.2552	OMUU	0.3 -	1.4	3.5 -	4.65 +	0.41 +	11.34	781.	62.	3.
2169	0000	-698	37.1945	81.2557	OMUU	0.3 -	1.2	3.4 -	4.34 +	0.35	12.26	748.	63.	4.
2170	0000	-702	37.1945	81.2563	OMUU	0.3 -	1.1	3.4 -	3.63	0.32	11.52	738.	63.	4.
2171	0000	-702	37.1945	81.2569	OMUU	0.3 -	1.0	3.6 -	3.95 +	0.28	14.00 +	734.	64.	5.
2172	0000	-700	37.1945	81.2574	OMUU	0.3 -	1.0	3.3 -	3.73	0.32	11.75	733.	65.	6.
2173	0000	-701	37.1945	81.2580	OMUU	0.3 -	0.9 -	3.4 -	3.11	0.27	11.45	737.	62.	7.
2174	0000	-702	37.1946	81.2586	OMUU	0.3 -	0.9 -	3.5 -	3.04	0.25	11.98	739.	60.	7.
2175	0000	-702	37.1946	81.2590	STC-1	0.3	1.0	3.3	3.41	0.29	11.95	726.	60.	7.
2176	0000	-701	37.1946	81.2596	STC-1	0.3	1.1	3.1	4.34	0.37	11.87	719.	59.	6.
2177	0000	-701	37.1946	81.2602	STC-1	0.2	1.1	3.0	4.45	0.37	12.12	697.	62.	6.
2178	0000	-700	37.1946	81.2607	STC-1	0.3	1.1	3.0	4.36	0.38	11.54	685.	62.	4.
2179	0000	-701	37.1946	81.2613	STC-1	0.2	1.3	3.2	5.70	0.42	13.72	695.	59.	3.
2180	0000	-701	37.1946	81.2618	STC-1	0.2	1.4	3.2	6.82	0.44	15.62	694.	61.	2.
2181	0000	-701	37.1946	81.2623	STC-1	0.2	1.4	3.4	6.67	0.42	16.00	703.	61.	2.
2182	0000	-703	37.1946	81.2629	STC-1	0.2	1.4	3.4	6.17	0.40	15.36	711.	62.	1.
2183	0000	-704	37.1946	81.2635	STC-1	0.2	1.2	3.6 +	5.17	0.34	15.37	721.	63.	2.
2184	0000	-703	37.1946	81.2641	STC-1	0.2	1.2	3.4	5.05	0.36	14.16	736.	59.	4.
2185	0000	-703	37.1946	81.2646	STC-1	0.2	1.1	3.2	4.71	0.35	13.66	736.	60.	6.
2186	0000	-705	37.1946	81.2651	STC-1	0.3	0.8	3.3	2.74 -	0.23 -	11.88	726	61.	8.
2187	0000	-704	37.1946	81.2657	STC-1	0.3	0.6 -	3.4	2.04 -	0.17 --	11.90	724.	60.	10.
2188	0000	-704	37.1946	81.2662	STC-1	0.3	0.7 -	3.3	2.59 -	0.20 -	12.85	727.	62.	11.
2189	0000	-703	37.1946	81.2668	STC-1	0.3	0.7 -	3.2	2.51 -	0.21 -	12.23	743.	61.	12.
2190	0000	-702	37.1946	81.2673	DLMU-1	0.3	0.7 -	3.2	2.58	0.22 -	11.50	746.	61.	11.
2191	0000	-704	37.1946	81.2679	DLMU-1	0.3	0.8 -	3.5	3.05	0.22 -	13.80	750.	61.	10.
2192	0000	-706	37.1946	81.2685	DLMU-1	0.2	0.8 -	4.1	3.27	0.20 -	16.66 +	752.	61.	9.
2193	0000	-705	37.1946	81.2690	DLMU-1	0.2	0.9 -	4.0	4.20	0.22 -	18.73 +	749.	61.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-703	37.1946	81.2696	DLMU-1	0.2	1.1	3.7	5.32	0.30	17.85 +	758.	62.	8.
2195	0000	-702	37.1946	81.2701	DLMU-1	0.2	0.9 -	3.6	3.76	0.25	15.19	759.	64.	8.
2196	0000	-703	37.1946	81.2707	DLMU-1	0.2	0.8 -	3.6	3.87	0.23 -	17.02 +	761.	62.	9.
2197	0000	-703	37.1945	81.2712	DLMU-1	0.2	0.8 -	3.8	3.96	0.21 -	18.90 +	772.	60.	10.
2198	0000	-704	37.1946	81.2717	DLMU-1	0.2	0.9	3.4	4.43	0.27	16.20 +	776.	61.	11.
2199	0000	-704	37.1946	81.2723	DLMU-1	0.2	1.0	2.8	4.53	0.37	12.20	790.	63.	12.
2200	0000	-703	37.1946	81.2729	DLMU-1	0.2	1.2	3.1	5.08	0.39	12.95	812.	64.	11.
2201	0000	-702	37.1946	81.2734	DLMU-1	0.3	1.1	3.5	4.24	0.32	13.37	827.	61.	11.
2202	0000	-703	37.1946	81.2740	DLMU-1	0.3	1.3	3.8	5.17	0.34	15.07	848.	58.	10.
2203	0000	-705	37.1946	81.2746	DLMU-1	0.3	1.4	3.6	4.96	0.39	12.56	859.	58.	9.
2204	0000	-707	37.1946	81.2751	DLMU-1	0.3	1.8	3.4	6.96 +	0.53 +	13.23	861.	60.	7.
2205	0000	-707	37.1946	81.2756	DLMU-1	0.3	1.6	4.1	6.12	0.40	15.43	877.	58.	6.
2206	0000	-707	37.1946	81.2762	DLMU-1	0.3	1.8	3.9	6.26	0.46	13.69	887.	57.	5.
2207	0000	-709	37.1946	81.2768	DLMU-1	0.3	1.7	3.6	5.88	0.48	12.20	884.	56.	5.
2208	0000	-708	37.1946	81.2773	DLMU-1	0.3	1.7	3.3	5.51	0.52 +	10.58	873.	57.	5.
2209	0000	-706	37.1946	81.2778	DLMU-1	0.3	1.8	3.3	5.65	0.55 +	10.25	893.	57.	5.
2210	0000	-705	37.1946	81.2785	DLMU-1	0.3	1.8	3.5	5.19	0.52 +	10.01	913.	58.	4.
2211	0000	-706	37.1946	81.2789	DLMU-1	0.4	1.6	3.8	4.17	0.41	10.19	932.	56.	4.
2212	0000	-705	37.1946	81.2795	DLMU-1	0.4	1.8	3.3	4.57	0.55 +	8.35	947.	58.	3.
2213	0000	-703	37.1946	81.2801	DLMU-1	0.4	1.7	3.5	4.12	0.48	8.56	961.	58.	4.
2214	0000	-704	37.1946	81.2806	DLMU-1	0.4	1.8	3.7	4.20	0.49	8.54	995.	59.	4.
2215	0000	-707	37.1946	81.2812	DLMU-1	0.4	2.0 +	3.8	4.48	0.53 +	8.53	1031.	59.	4.
2216	0000	-709	37.1946	81.2817	DLMU-1	0.5	1.9	3.8	4.11	0.49	8.45	1032.	61.	5.
2217	0000	-707	37.1946	81.2823	DLMU-1	0.4	1.8	3.8	4.19	0.46	9.13	1009.	62.	7.
2218	0000	-706	37.1946	81.2828	DLMU-1	0.5	1.7	3.6	3.58	0.47	7.65	1005.	63.	8.
2219	0000	-704	37.1946	81.2834	DLMU-1	0.5	1.4	3.8	3.04	0.37	8.14	998.	61.	11.
2220	0000	-704	37.1946	81.2840	DLMU-1	0.5	1.3	3.8	2.73	0.35	7.74	995.	60.	12.
2221	0000	-707	37.1946	81.2845	DLMU-1	0.5	1.2	3.6	2.36	0.33	7.16	977.	59.	13.
2222	0000	-708	37.1946	81.2850	DLMU-1	0.5	1.1	3.4	2.28	0.33	7.00	948.	59.	13.
2223	0000	-708	37.1946	81.2856	DLMU-1	0.5	1.0	3.3	2.11	0.30	7.08	918.	56.	13.
2224	0000	-711	37.1946	81.2861	DLMU-1	0.5	1.0	3.4	2.21	0.30	7.28	891.	56.	11.
2225	0000	-710	37.1947	81.2867	STC-1	0.4 +	1.2	3.2	3.16	0.37	8.53 -	846.	54.	10.
2226	0000	-709	37.1947	81.2872	STC-1	0.3 +	1.3	2.8	3.89	0.46	8.39 -	792.	54.	7.
2227	0000	-709	37.1946	81.2878	STC-1	0.3	1.3	2.8	5.01	0.48	10.42	738.	53.	5.
2228	0000	-706	37.1947	81.2883	STC-1	0.2	1.3	2.7	5.67	0.46	12.27	684.	53.	4.
2229	0000	-708	37.1947	81.2889	STC-1	0.2	1.2	2.6	6.67	0.45	14.71	646.	53.	2.
2230	0000	-713	37.1947	81.2895	STC-1	0.2 -	1.3	2.5	8.36 +	0.50 +	16.69	612.	57.	2.
2231	0000	-709	37.1947	81.2900	STC-1	0.2 -	1.2	2.3 -	8.16 +	0.54 +	15.19	614.	55.	2.
2232	0000	-708	37.1947	81.2906	STC-1	0.2	1.0	2.2 -	5.91	0.47	12.56	621.	55.	4.
2233	0000	-711	37.1946	81.2911	STC-1	0.2 -	1.0	2.4 -	6.16	0.43	14.40	640.	56.	6.
2234	0000	-711	37.1946	81.2917	STC-1	0.1 -	1.0	2.4	6.79	0.42	16.21	659.	57.	7.
2235	0000	-712	37.1946	81.2922	STC-1	0.2	1.0	2.6	5.85	0.39	15.18	682.	57.	9.
2236	0000	-713	37.1946	81.2928	STC-1	0.2	1.1	2.4	6.09	0.47	12.93	707.	55.	10.
2237	0000	-713	37.1946	81.2933	STC-1	0.2	1.1	2.2 -	4.96	0.51 +	9.67	737.	55.	11.
2238	0000	-712	37.1946	81.2939	DLMU-1	0.2	1.2	2.3 -	4.81	0.51	9.50	764.	55.	12.
2239	0000	-709	37.1946	81.2945	DLMU-1	0.3	1.3	2.7	4.69	0.48	9.85	802.	56.	11.
2240	0000	-711	37.1946	81.2950	DLMU-1	0.4	1.1	2.8	3.02	0.39	7.81	833.	56.	11.
2241	0000	-712	37.1946	81.2955	DLMU-1	0.4	1.1	3.0	2.69	0.39	6.96	877.	56.	9.
2242	0000	-712	37.1946	81.2961	DLMU-1	0.4	1.2	3.0	2.78	0.40	7.02	908.	55.	8.
2243	0000	-714	37.1946	81.2967	DLMU-1	0.5	1.1	3.7	2.43	0.30	8.17	950.	56.	7.
2244	0000	-712	37.1946	81.2972	DLMU-1	0.5	1.1	4.0	2.28	0.28	8.28	974.	55.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294 —

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-712	37.1946	81.2977 DLMU-1	0.5	1.2	4.1	2.29	0.28	8.12	990.	56.	5.
2246	0000	-713	37.1946	81.2984 DLMU-1	0.5	1.1	4.1	2.11	0.27	7.69	1010.	57.	5.
2247	0000	-713	37.1946	81.2988 DLMU-1	0.6	1.2	4.2	2.13	0.28	7.57	1043.	58.	5.
2248	0000	-713	37.1946	81.2994 DLMU-1	0.6	1.0	4.3	1.65 -	0.24 -	6.89	1057.	58.	6.
2249	0000	-715	37.1946	81.3000 DLMU-1	0.7	1.2	4.8	1.68 -	0.24	6.98	1105.	59.	6.
2250	0000	-715	37.1946	81.3005 DLMU-1	0.8	1.3	4.6	1.68 -	0.28	6.06 -	1137.	59.	7.
2251	0000	-716	37.1947	81.3011 DLMU-1	0.8	1.4	4.9	1.72 -	0.28	6.09	1188.	59.	6.
2252	0000	-717	37.1947	81.3016 DLMU-1	0.9 +	1.4	5.1	1.65 -	0.27	5.99 -	1227.	58.	5.
2253	0000	-717	37.1947	81.3022 DLMU-1	0.9 +	1.5	4.9	1.69 -	0.30	5.60 -	1248.	57.	4.
2254	0000	-718	37.1947	81.3028 DLMU-1	0.9 +	1.6	5.1	1.78 -	0.32	5.66 -	1259.	54.	3.
2255	0000	-718	37.1947	81.3034 DLMU-1	0.9 +	1.8	5.0	2.09	0.36	5.88 -	1258.	52.	2.
2256	0000	-717	37.1947	81.3039 DLMU-1	0.8 +	1.8	4.7	2.23	0.38	5.81 -	1208.	53.	1.
2257	0000	-716	37.1947	81.3045 DLMU-1	0.7	1.7	4.6	2.32	0.37	6.19	1153.	52.	0.
2258	0000	-717	37.1947	81.3050 DLMU-1	0.7	1.8	4.1	2.71	0.43	6.24	1092.	49.	0.
2259	0000	-719	37.1947	81.3056 DLMU-1	0.6	1.9	3.7	3.40	0.52 +	6.58	1017.	53.	0.
2260	0000	-720	37.1947	81.3062 DLMU-1	0.5	1.9	3.4	4.26	0.56 +	7.62	942.	54.	1.
2261	0000	-719	37.1948	81.3068 DLMU-1	0.4	1.8	2.9	4.72	0.61 +	7.74	862.	53.	2.
2262	0000	-717	37.1948	81.3073 DLMU-1	0.3	1.9	2.6 -	7.12 +	0.73 +	9.81	791.	57.	2.
2263	0000	-719	37.1948	81.3079 DLMU-1	0.2	1.8	2.2 -	8.19 +	0.81 ++	10.13	741.	57.	3.
2264	0000	-724	37.1948	81.3084 DLMU-1	0.2 -	1.7	2.1 -	9.90 +	0.81 ++	12.24	696.	59.	3.
2265	0000	-724	37.1948	81.3089 DLMU-1	0.1 -	1.5	2.2 -	10.38 +	0.67 +	15.48	644.	60.	3.
2266	0000	-724	37.1948	81.3096 DLMU-1	0.1 -	1.3	2.2 -	10.46 +	0.61 +	17.03 +	622.	59.	3.
2267	0000	-725	37.1948	81.3101 DLMU-1	0.1 -	1.2	2.2 -	8.24 +	0.55 +	15.10	607.	59.	3.
2268	0000	-723	37.1948	81.3107 DLMU-1	0.1 -	1.4	2.3 -	13.77 ++	0.62 +	22.38 ++	605.	61.	2.
2269	0000	-722	37.1948	81.3112 DLMU-1	0.1 -	1.4	2.5 -	13.33 ++	0.55 +	24.36 ++	601.	57.	2.
2270	0000	-726	37.1948	81.3118 DLMU-1	0.1 --	1.4	2.6 -	17.52 ++	0.56 +	31.53 +++	604.	56.	1.
2271	0000	-727	37.1949	81.3123 DLMU-1	0.1 -	1.5	2.8	15.39 ++	0.53 +	29.10 +++	614.	56.	1.
2272	0000	-726	37.1949	81.3129 DLMU-1	0.1 -	1.6	2.5 -	12.44 ++	0.61 +	20.35 +	632.	55.	1.
2273	0000	-727	37.1949	81.3135 DLMU-1	0.1 -	1.6	2.7	10.93 +	0.57 +	19.04 +	652.	52.	2.
2274	0000	-729	37.1949	81.3141 DLMU-1	0.1 -	1.7	2.8	12.88 ++	0.61 +	20.97 ++	676.	51.	3.
2275	0000	-729	37.1949	81.3146 DLMU-1	0.1 -	1.6	2.7	11.74 +	0.58 +	20.25 +	677.	50.	4.
2276	0000	-729	37.1949	81.3152 DLMU-1	0.1 -	1.6	2.9	10.86 +	0.56 +	19.51 +	703.	49.	5.
2277	0000	-731	37.1949	81.3157 DLMU-1	0.2	1.5	2.7	8.07 +	0.56 +	14.30	724.	48.	6.
2278	0000	-732	37.1949	81.3163 DLMU-1	0.2 -	1.5	2.7	8.07 +	0.55 +	14.55	738.	50.	7.
2279	0000	-732	37.1949	81.3169 DLMU-1	0.2	1.4	3.1	7.34 +	0.46	15.90 +	762.	52.	7.
2280	0000	-733	37.1949	81.3174 DLMU-1	0.2 -	1.3	3.4	6.97 +	0.39	17.96 +	777.	54.	7.
2281	0000	-735	37.1949	81.3180 DLMU-1	0.2	1.2	3.8	5.46	0.32	17.34 +	793.	54.	7.
2282	0000	-733	37.1950	81.3186 DLMU-1	0.2	1.2	3.9	5.40	0.31	17.31 +	806.	56.	7.
2283	0000	-733	37.1950	81.3192 DLMU-1	0.2	1.0	4.1	3.86	0.23 -	16.48 +	800.	57.	7.
2284	0000	-735	37.1950	81.3197 DLMU-1	0.3	0.8 -	4.5	3.02	0.17 -	17.58 +	796.	58.	7.
2285	0000	-735	37.1950	81.3203 DLMU-1	0.2	0.7 -	4.4	3.03	0.16 --	18.88 +	778.	58.	7.
2286	0000	-736	37.1950	81.3208 DLMU-1	0.2	0.7 -	4.3	3.13	0.16 --	19.36 +	758.	58.	6.
2287	0000	-737	37.1950	81.3214 DLMU-1	0.2	0.8 -	4.1	3.65	0.20 -	17.82 +	763.	56.	6.
2288	0000	-738	37.1950	81.3220 DLMU-1	0.2	0.9	4.1	4.55	0.23 -	20.18 +	770.	57.	5.
2289	0000	-739	37.1950	81.3226 DLMU-1	0.2	0.9 -	4.2	3.56	0.21 -	16.97 +	785.	57.	5.
2290	0000	-738	37.1950	81.3231 DLMU-1	0.3	1.1	3.9	4.31	0.28	15.16	811.	58.	5.
2291	0000	-738	37.1950	81.3237 DLMU-1	0.2	1.4	3.8	5.65	0.36	15.56	826.	59.	4.
2292	0000	-740	37.1951	81.3242 DLMU-1	0.3	1.4	3.9	5.42	0.37	14.69	850.	58.	5.
2293	0000	-739	37.1951	81.3248 DLMU-1	0.3	1.5	3.9	5.68	0.40	14.27	876.	57.	4.
2294	0000	-738	37.1951	81.3253 DLMU-1	0.3	1.5	3.9	5.28	0.37	14.07	870.	59.	5.
2295	0000	-741	37.1951	81.3259 DLMU-1	0.3	1.5	3.6	5.25	0.41	12.91	865.	60.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-741	37.1951	81.3265	DLMU-1	0.3	1.4	3.8	5.44	0.38	14.49	870.	61.	5.
2297	0000	-743	37.1951	81.3270	DLMU-1	0.3	1.3	3.9	4.70	0.32	14.76	855.	62.	5.
2298	0000	-745	37.1951	81.3276	DLMU-1	0.3	1.1	4.3	4.36	0.26	16.51 +	866.	59.	6.
2299	0000	-746	37.1951	81.3281	DLMU-1	0.3	1.1	4.5	3.87	0.25	15.48	888.	60.	6.
2300	0000	-746	37.1951	81.3287	DLMU-1	0.3	1.0	4.8	3.45	0.22 -	15.74 +	911.	59.	7.
2301	0000	-746	37.1951	81.3293	DLMU-1	0.3	1.3	4.7	3.92	0.27	14.54	945.	59.	7.
2302	0000	-749	37.1952	81.3299	DLMU-1	0.4	1.3	4.9	3.61	0.26	13.94	951.	59.	7.
2303	0000	-750	37.1952	81.3304	DLMU-1	0.3	1.5	4.9	4.31	0.30	14.37	946.	61.	7.
2304	0000	-749	37.1952	81.3310	DLMU-1	0.3	1.6	4.8	4.72	0.33	14.41	952.	60.	6.
2305	0000	-750	37.1952	81.3315	DLMU-1	0.3	1.7	4.7	5.40	0.35	15.25	948.	63.	5.
2306	0000	-751	37.1952	81.3321	DLMU-1	0.3	1.7	5.0	6.14	0.35	17.76 +	948.	62.	5.
2307	0000	-751	37.1952	81.3327	DLMU-1	0.3	1.7	4.9	5.88	0.35	16.93 +	922.	64.	4.
2308	0000	-751	37.1952	81.3333	DLMU-1	0.3	1.5	5.1	5.65	0.29	19.66 +	887.	64.	4.
2309	0000	-751	37.1952	81.3338	DLMU-1	0.2	1.3	5.1	5.70	0.26	21.93 ++	874.	64.	4.
2310	0000	-750	37.1952	81.3344	DLMU-1	0.2	1.3	5.0	5.56	0.26	21.31 ++	876.	62.	3.
2311	0000	-751	37.1952	81.3349	DLMU-1	0.2	1.4	4.9	6.28	0.28	22.64 ++	875.	60.	3.
2312	0000	-754	37.1952	81.3354	STC-2	0.2 -	1.3	4.8	5.63 +	0.28	20.41 +	869.	60.	4.
2313	0000	-756	37.1953	81.3360	STC-2	0.3 -	1.3	4.6	4.90 +	0.27	18.04 +	861.	60.	4.
2314	0000	-757	37.1953	81.3366	STC-2	0.2 -	1.2	4.5	5.33 +	0.27	19.57 +	867.	60.	5.
2315	0000	-757	37.1953	81.3372	STC-2	0.3 -	1.2	4.9	4.71	0.25	18.58 +	888.	59.	5.
2316	0000	-759	37.1953	81.3378	STC-2	0.3	1.2	4.7	4.35	0.26	16.46	896.	60.	5.
2317	0000	-758	37.1953	81.3383	STC-2	0.3	1.0	4.8	3.18	0.21	15.28	901.	60.	6.
2318	0000	-757	37.1953	81.3388	STC-2	0.3	0.8 -	4.9	2.18	0.15 -	14.10	904.	61.	8.
2319	0000	-758	37.1953	81.3394	STC-2	0.3	0.8 -	5.0	2.29	0.15 -	14.93	907.	59.	8.
2320	0000	-759	37.1953	81.3400	STC-2	0.3	0.8 -	4.7	2.42	0.17 -	14.25	903.	60.	8.
2321	0000	-761	37.1953	81.3406	STC-2	0.3	0.8 -	4.5	2.19	0.17 -	13.05	878.	61.	8.
2322	0000	-763	37.1953	81.3411	STC-1	0.3 +	0.7 -	4.0 +	2.18 -	0.18 -	12.20	841.	63.	8.
2323	0000	-764	37.1954	81.3417	STC-1	0.3	0.7 -	3.7 +	2.19 -	0.18 -	12.20	811.	63.	8.
2324	0000	-764	37.1954	81.3422	STC-1	0.3	0.7 -	3.5	2.80	0.20 -	14.08	751.	64.	7.
2325	0000	-764	37.1954	81.3428	STC-1	0.2	0.7 -	3.5	3.30	0.21 -	15.78	700.	65.	6.
2326	0000	-763	37.1954	81.3434	STC-1	0.2	0.6 -	3.2	2.60 -	0.20 -	13.21	672.	65.	6.
2327	0000	-764	37.1954	81.3440	STC-1	0.2	0.6 -	3.3	2.51 -	0.18 -	13.68	666.	65.	6.
2328	0000	-765	37.1954	81.3445	STC-1	0.2	0.6 -	3.5	2.58 -	0.18 -	14.18	690.	66.	5.
2329	0000	-766	37.1954	81.3451	STC-1	0.3	0.9	3.8 +	3.16	0.23 -	13.95	731.	65.	4.
2330	0000	-766	37.1954	81.3457	STC-2	0.3	1.1	4.0 -	3.63	0.27	13.67	772.	66.	3.
2331	0000	-767	37.1954	81.3462	STC-2	0.3	1.1	4.0 -	3.28	0.28	11.89	811.	67.	2.
2332	0000	-766	37.1954	81.3467	STC-1	0.4 +	1.2	3.8 +	3.07	0.31	9.95	872.	64.	1.
2333	0000	-767	37.1954	81.3473	STC-1	0.4 +	1.3	3.9 +	2.96	0.33	8.87 -	921.	65.	1.
2334	0000	-769	37.1955	81.3479	STC-1	0.5 ++	1.4	3.9 +	2.72 -	0.35	7.78 -	959.	65.	0.
2335	0000	-769	37.1955	81.3484	STC-1	0.5 ++	1.5 +	3.9 +	2.91	0.39	7.43 -	985.	66.	0.
2336	0000	-769	37.1955	81.3490	STC-1	0.5 ++	1.5 +	3.8 +	2.82	0.40	7.03 --	1006.	65.	0.
2337	0000	-773	37.1955	81.3496	STC-2	0.6	1.3	4.1 -	2.27	0.33	6.94 -	1031.	64.	0.
2338	0000	-776	37.1955	81.3501	STC-2	0.7	1.2	4.3 -	1.80	0.27	6.65 -	1070.	63.	2.
2339	0000	-776	37.1955	81.3507	STC-2	0.7	1.2	4.5	1.75	0.27	6.39 -	1091.	66.	2.
2340	0000	-776	37.1955	81.3513	STC-2	0.7	1.1	4.5	1.50 -	0.24	6.32 -	1099.	66.	3.
2341	0000	-775	37.1955	81.3518	STC-2	0.7	1.2	4.6	1.72 -	0.26	6.63 -	1105.	66.	3.
2342	0000	-775	37.1955	81.3524	STC-2	0.7	1.1	4.6	1.57 -	0.25	6.42 -	1116.	62.	4.
2343	0000	-779	37.1955	81.3530	STC-2	0.7	0.9 -	4.4	1.22 -	0.21	5.84 -	1102.	65.	5.
2344	0000	-781	37.1956	81.3535	STC-1	0.7 +++	1.1	3.9 +	1.43 --	0.27	5.35 --	1084.	66.	5.
2345	0000	-779	37.1956	81.3541	STC-1	0.7 +++	1.3	3.8 +	1.69 --	0.33	5.19 ---	1071.	65.	4.
2346	0000	-780	37.1956	81.3546	STC-1	0.7 +++	1.3	3.9 +	1.75 -	0.32	5.48 --	1065.	64.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294 PAGE 674

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-781	37.1956	81.3552	STC-2	0.7	1.5	4.2 -	2.13	0.36 +	5.92 -	1073.	61.	3.
2348	0000	-780	37.1956	81.3558	STC-2	0.8	1.5	4.4	1.92	0.33	5.80 -	1093.	62.	3.
2349	0000	-782	37.1956	81.3564	OMUU	0.8	1.5	4.5	2.00	0.34	5.90	1100.	64.	2.
2350	0000	-783	37.1956	81.3570	OMUU	0.8	1.7	4.6	2.06	0.36	5.68 -	1121.	63.	2.
2351	0000	-782	37.1956	81.3575	OMUU	0.8	1.5	5.0	1.84	0.31	6.03	1146.	62.	2.
2352	0000	-783	37.1956	81.3580	OMUU	0.9	1.6	5.1	1.90	0.32	6.04	1179.	62.	2.
2353	0000	-785	37.1956	81.3586	OMUU	0.9	1.6	5.0	1.76	0.32	5.55 -	1178.	64.	3.
2354	0000	-785	37.1957	81.3592	OMUU	0.9	1.4	4.9	1.59	0.29	5.52 -	1177.	66.	4.
2355	0000	-784	37.1957	81.3598	OMUU	0.9	1.4	4.8	1.55	0.29	5.34 -	1168.	65.	4.
2356	0000	-786	37.1957	81.3603	OMUU	0.9	1.2	5.0	1.31	0.24	5.52 -	1153.	68.	5.
2357	0000	-788	37.1957	81.3609	OMUU	0.9	1.1	5.4	1.28	0.21	6.16	1148.	68.	4.
2358	0000	-789	37.1957	81.3614	OMUU	0.9	1.2	5.4	1.39	0.22	6.21	1139.	70.	4.
2359	0000	-790	37.1957	81.3620	OMUU	0.9	1.1	5.7	1.27	0.19	6.57	1128.	69.	3.
2360	0000	-792	37.1957	81.3625	OMUU	0.8	1.1	6.1	1.41	0.19	7.50	1143.	67.	3.
2361	0000	-790	37.1957	81.3632	OMUU	0.8	1.1	6.2	1.34	0.18 -	7.51	1159.	65.	1.
2362	0000	-789	37.1957	81.3637	OMUU	0.8	1.1	6.6	1.37	0.16 -	8.33	1164.	64.	1.
2363	0000	-791	37.1957	81.3643	OMUU	0.8	1.1	6.6	1.44	0.17 -	8.35	1166.	61.	1.
2364	0000	-794	37.1957	81.3649	OMUU	0.8	1.2	6.3	1.65	0.20	8.31	1149.	62.	1.
2365	0000	-793	37.1958	81.3653	OMUU	0.7	1.5	6.1	2.06	0.25	8.32	1141.	62.	0.
2366	0000	-791	37.1958	81.3659	OMUU	0.7	1.5	6.0	2.11	0.24	8.73	1129.	62.	0.
2367	0000	-794	37.1958	81.3665	OMUU	0.7	1.2	6.0	1.73	0.20	8.63	1104.	63.	0.
2368	0000	-798	37.1958	81.3671	OMUU	0.7	1.3	5.9	1.97	0.22	9.01	1079.	64.	0.
2369	0000	-796	37.1957	81.3676	OMUU	0.6	1.2	5.5	1.80	0.21	8.60	1028.	65.	1.
2370	0000	-797	37.1958	81.3682	OMUU	0.6	1.2	5.2	1.86	0.22	8.32	1007.	64.	2.
2371	0000	-799	37.1958	81.3687	OMUU	0.6	1.1	5.2	1.69	0.21	8.24	1007.	61.	3.
2372	0000	-797	37.1958	81.3693	OMUU	0.7	0.8 -	5.4	1.16 -	0.14 -	8.05	1018.	60.	4.
2373	0000	-798	37.1958	81.3699	OMUU	0.7	1.0 -	5.0	1.39	0.19	7.17	1020.	62.	4.
2374	0000	-801	37.1958	81.3705	OMUU	0.7	1.3	4.7	1.90	0.28	6.87	1040.	62.	4.
2375	0000	-803	37.1958	81.3710	OMUU	0.7	1.4	4.5	1.87	0.30	6.24	1048.	62.	4.
2376	0000	-802	37.1958	81.3716	OMUU	0.7	1.5	4.6	2.03	0.33	6.26	1070.	61.	3.
2377	0000	-799	37.1958	81.3722	OMUU	0.7	1.6	4.5	2.20	0.36	6.06	1086.	64.	3.
2378	0000	-801	37.1958	81.3727	OMUU	0.7	1.6	4.9	2.16	0.32	6.75	1092.	64.	3.
2379	0000	-803	37.1958	81.3732	OMUU	0.7	1.6	4.7	2.42	0.34	7.08	1086.	65.	3.
2380	0000	-802	37.1959	81.3738	OMUU	0.6	1.5	4.8	2.29	0.31	7.48	1077.	65.	4.
2381	0000	-804	37.1959	81.3744	OMUU	0.6	1.2	5.0	1.97	0.24	8.16	1061.	64.	5.
2382	0000	-807	37.1959	81.3749	OMUU	0.6	1.1	5.1	1.85	0.21	8.96	1041.	62.	6.
2383	0000	-805	37.1959	81.3755	OMUU	0.5	1.0	5.0	1.98	0.21	9.55	1016.	62.	7.
2384	0000	-805	37.1959	81.3762	OMUU	0.5	0.7 -	5.2	1.48	0.13 -	11.02	987.	62.	8.
2385	0000	-807	37.1960	81.3766	OMUU	0.4	0.8 -	5.0	1.93	0.16 -	11.76	962.	58.	9.
2386	0000	-809	37.1960	81.3772	OMUU	0.5	0.8 -	5.1	1.80	0.16 -	11.22	946.	57.	8.
2387	0000	-808	37.1960	81.3778	OMUU	0.5	1.0 -	4.9	2.19	0.20	10.85	947.	55.	8.
2388	0000	-807	37.1960	81.3783	OMUU	0.5	1.0 -	4.8	1.97	0.21	9.55	949.	56.	6.
2389	0000	-809	37.1959	81.3789	OMUU	0.5	1.2	4.8	2.39	0.25	9.74	954.	55.	6.
2390	0000	-810	37.1959	81.3795	OMUU	0.5	1.2	4.8	2.37	0.25	9.32	958.	54.	5.
2391	0000	-811	37.1960	81.3800	OMUU	0.5	1.5	4.6	2.94	0.32	9.30	960.	55.	4.
2392	0000	-811	37.1960	81.3806	OMUU	0.5	1.5	4.8	2.99	0.32	9.43	967.	55.	4.
2393	0000	-813	37.1960	81.3812	OMUU	0.4	1.5	4.5	3.29	0.33	9.98	945.	54.	4.
2394	0000	-816	37.1960	81.3817	OMUU	0.4	1.3	4.7	3.14	0.28	11.14	915.	53.	3.
2395	0000	-814	37.1960	81.3823	OMUU	0.4	1.4	4.5	3.77	0.32	11.77	882.	53.	3.
2396	0000	-814	37.1960	81.3829	OMUU	0.4	1.3	4.4	3.57	0.30	12.03	858.	54.	4.
2397	0000	-819	37.1960	81.3835	OMUU	0.4	1.3	4.3	3.45	0.29	11.92	854.	54.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-818	37.1960	81.3840	OMUU	0.4	1.2	4.1	3.40	0.30	11.29	846.	51.	5.
2399	0000	-819	37.1960	81.3845	OMUU	0.4	1.2	3.7 -	2.99	0.32	9.43	839.	51.	5.
2400	0000	-824	37.1960	81.3851	OMUU	0.4	1.1	3.9	3.04	0.29	10.42	827.	53.	5.
2401	0000	-823	37.1961	81.3857	OMUU	0.4	1.1	3.8	3.09	0.29	10.48	823.	55.	6.
2402	0000	-825	37.1961	81.3862	OMUU	0.3	1.2	3.6 -	3.77	0.33	11.25	823.	52.	6.
2403	0000	-827	37.1961	81.3868	OMUU	0.4	1.1	3.4 -	3.07	0.32	9.49	816.	54.	7.
2404	0000	-825	37.1961	81.3874	OMUU	0.3	0.9 -	3.2 -	2.66	0.29	9.21	807.	54.	7.
2405	0000	-825	37.1961	81.3879	OMUU	0.3 -	1.0 -	3.9	3.36	0.25	13.27 +	823.	56.	7.
2406	0000	-826	37.1962	81.3885	OMUU	0.3 -	1.2	3.9	4.13 +	0.31	13.43 +	841.	59.	6.
2407	0000	-826	37.1962	81.3891	OMUU	0.3 -	1.3	4.1	4.19 +	0.32	13.05 +	887.	58.	5.
2408	0000	-826	37.1962	81.3896	OMUU	0.3 -	1.4	4.5	4.09 +	0.31	13.22 +	935.	57.	4.
2409	0000	-826	37.1962	81.3902	OKU	0.4 -	1.4	5.1	3.87	0.28	13.90 +	976.	59.	3.
2410	0000	-829	37.1962	81.3908	OKU	0.4 -	1.7	5.7	4.79 +	0.30	15.73 +	1026.	58.	2.
2411	0000	-830	37.1962	81.3913	OKU	0.4	2.0	6.3	5.39 +	0.32	16.72 +	1069.	56.	0.
2412	0000	-829	37.1962	81.3918	OKU	0.4	2.1 +	6.0	4.88 +	0.35	13.75 +	1093.	56.	0.
2413	0000	-831	37.1962	81.3924	OKU	0.4	2.0	6.5 +	4.55 +	0.32	14.43 +	1088.	57.	0.
2414	0000	-830	37.1962	81.3930	OKU	0.5	1.9	6.4	4.09 +	0.30	13.44 +	1091.	59.	0.
2415	0000	-826	37.1962	81.3936	OKU	0.5	1.9	6.0	4.08 +	0.32	12.90 +	1083.	58.	1.
2416	0000	-825	37.1962	81.3941	OKU	0.5	2.0	5.8	3.91	0.35	11.29	1086.	59.	2.
2417	0000	-828	37.1962	81.3947	OKU	0.5	1.9	5.3	3.55	0.36	9.83	1093.	59.	3.
2418	0000	-831	37.1962	81.3952	OKU	0.6	1.9	5.1	3.32	0.37	8.96	1102.	60.	5.
2419	0000	-832	37.1962	81.3958	OKU	0.6	1.6	5.3	2.94	0.31	9.55	1126.	62.	6.
2420	0000	-833	37.1962	81.3964	OKU	0.6	1.7	5.5	3.06	0.31	9.83	1168.	61.	8.
2421	0000	-836	37.1962	81.3970	OKU	0.5	1.8	5.3	3.37	0.35	9.75	1193.	59.	9.
2422	0000	-836	37.1963	81.3975	OKU	0.6	1.9	5.7	3.21	0.33	9.88	1231.	61.	10.
2423	0000	-836	37.1963	81.3981	OKU	0.6	1.7	6.1	2.85	0.27	10.39	1271.	57.	10.
2424	0000	-838	37.1963	81.3987	OKU	0.6	1.6	6.4 +	2.90	0.26	11.30	1297.	57.	10.
2425	0000	-838	37.1963	81.3992	OKU	0.6	1.6	6.7 +	2.53	0.24	10.63	1316.	56.	9.
2426	0000	-839	37.1963	81.3998	OKU	0.7	1.6	6.2	2.45	0.26	9.36	1327.	55.	9.
2427	0000	-839	37.1964	81.4004	CCR-1	0.7	1.6	5.9	2.23	0.27 -	8.34	1330.	54.	8.
2428	0000	-838	37.1964	81.4009	CCR-1	0.8	1.5	6.1	1.92	0.25 -	7.72	1330.	53.	7.
2429	0000	-842	37.1964	81.4015	CCR-1	0.8	1.5	5.9	1.95	0.26 -	7.51	1311.	51.	6.
2430	0000	-843	37.1964	81.4021	CCR-1	0.8	1.5	5.9	1.92	0.26 -	7.39	1293.	50.	5.
2431	0000	-839	37.1963	81.4027	CCR-1	0.9	1.5	5.7	1.76	0.26 -	6.68	1265.	51.	5.
2432	0000	-841	37.1964	81.4032	CCR-1	0.8	1.7	5.4	2.22	0.32	6.96	1246.	52.	4.
2433	0000	-842	37.1964	81.4037	CCR-1	0.8	1.9	5.5	2.42	0.34	7.07	1233.	52.	3.
2434	0000	-841	37.1964	81.4043	CCR-1	0.8	1.9	5.6	2.42	0.35	6.92	1246.	52.	3.
2435	0000	-845	37.1964	81.4048	CCR-1	0.8	2.2	5.2	2.74	0.42	6.51	1262.	54.	3.
2436	0000	-847	37.1964	81.4054	CCR-1	0.8	2.4	5.3	3.05	0.45	6.81	1292.	53.	2.
2437	0000	-844	37.1964	81.4060	CCR-1	0.8	2.5 +	5.2	3.19	0.48	6.69	1313.	56.	2.
2438	0000	-845	37.1964	81.4065	CCR-1	0.8	2.6 +	5.4	3.17	0.47	6.73	1366.	55.	2.
2439	0000	-846	37.1964	81.4071	CCR-1	0.9	2.6 +	5.5	2.95	0.47	6.29	1408.	54.	1.
2440	0000	-844	37.1964	81.4077	CCR-1	0.9	2.6 +	5.6	2.80	0.46	6.09	1436.	55.	1.
2441	0000	-842	37.1964	81.4082	CCR-1	0.9	2.6 +	6.1	3.01	0.43	7.03	1444.	56.	0.
2442	0000	-843	37.1965	81.4088	CCR-1	0.8	2.7 +	6.8 +	3.27	0.39	8.38	1461.	54.	1.
2443	0000	-846	37.1965	81.4094	CCR-1	0.8	2.6 +	6.8 +	3.07	0.38	8.14	1477.	59.	2.
2444	0000	-850	37.1965	81.4100	CCR-1	0.8	2.6 +	6.8 +	3.24	0.38	8.52	1497.	58.	3.
2445	0000	-850	37.1965	81.4105	CCR-1	0.8	2.7 +	7.0 +	3.54	0.38	9.26	1515.	57.	4.
2446	0000	-849	37.1965	81.4110	CCR-1	0.7	2.6 +	7.3 +	3.83	0.36	10.62	1539.	56.	5.
2447	0000	-851	37.1965	81.4116	CCR-1	0.7	2.6 +	7.7 ++	3.81	0.33	11.47 +	1565.	56.	6.
2448	0000	-853	37.1965	81.4122	CCR-1	0.7	2.7 +	7.4 +	4.04	0.36	11.15 +	1602.	55.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-853	37.1965	81.4128	CCR-1	0.7	2.3	7.2 +	3.15	0.32	9.89	1623.	54.	8.
2450	0000	-852	37.1965	81.4133	CCR-1	0.7	2.3	7.0 +	3.30	0.33	9.97	1621.	51.	8.
2451	0000	-851	37.1965	81.4139	CCR-1	0.8	2.5 +	7.0 +	3.19	0.36	8.90	1532.	49.	8.
2452	0000	-851	37.1965	81.4144	CCR-1	0.8	2.5	6.9 +	3.11	0.36	8.70	1618.	49.	7.
2453	0000	-855	37.1966	81.4150	CCR-1	0.9	2.4	6.5 +	2.80	0.37	7.52	1619.	51.	8.
2454	0000	-855	37.1966	81.4155	CCR-1	1.0	2.6 +	6.4 +	2.69	0.41	6.54	1665.	53.	7.
2455	0000	-853	37.1966	81.4162	CCR-1	1.1	2.6 +	6.4 +	2.28	0.40	5.64	1745.	55.	6.
2456	0000	-857	37.1966	81.4167	CCR-1	1.4 +	2.9 +	6.4 +	2.10	0.45	4.66	1856.	56.	5.
2457	0000	-858	37.1966	81.4173	CCR-1	1.7 +	2.8 +	6.6 +	1.65	0.42	3.95 -	2001.	56.	5.
2458	0000	-855	37.1966	81.4178	CCR-1	2.0 +	2.6 +	6.4 +	1.31 -	0.41	3.22 -	2121.	60.	6.
2459	0000	-856	37.1966	81.4184	CCR-1	2.3 ++	2.6 +	6.7 +	1.13 -	0.38	2.94 -	2269.	61.	6.
2460	0000	-857	37.1966	81.4189	CCR-1	2.5 ++	2.4	7.0 +	0.97 -	0.35	2.79 -	2371.	59.	5.
2461	0000	-859	37.1966	81.4195	CCR-1	2.7 ++	2.5 +	7.0 +	0.94 -	0.36	2.63 -	2467.	58.	6.
2462	0000	-860	37.1966	81.4201	CCR-1	2.9 ++	2.1	7.3 +	0.71 --	0.28	2.52 --	2554.	58.	7.
2463	0000	-859	37.1967	81.4207	CN	3.1 +	2.1	7.5 +	0.69 -	0.28 -	2.43	2646.	59.	8.
2464	0000	-858	37.1967	81.4212	CN	3.2 +	2.3	7.6 +	0.72 -	0.31	2.35	2741.	59.	7.
2465	0000	-860	37.1967	81.4217	CN	3.3 +	2.5	7.9 +	0.75 -	0.31	2.42	2806.	58.	7.
2466	0000	-861	37.1967	81.4223	CN	3.3 +	2.8 +	8.0 +	0.84	0.35	2.43	2839.	58.	7.
2467	0000	-862	37.1967	81.4229	CN	3.3 +	3.0 +	8.3 +	0.90	0.36	2.52	2892.	58.	7.
2468	0000	-862	37.1967	81.4235	CN	3.3 +	3.0 +	8.0 +	0.90	0.37	2.42	2880.	59.	7.
2469	0000	-861	37.1967	81.4240	CN	3.2 +	3.4 ++	7.8 +	1.08	0.44	2.45	2837.	57.	7.
2470	0000	-859	37.1967	81.4246	CN	3.0 +	3.5 ++	7.6 +	1.17	0.45	2.58	2760.	56.	6.
2471	0000	-862	37.1967	81.4252	CN	2.7	3.6 ++	7.6 +	1.33	0.47	2.83	2655.	56.	6.
2472	0000	-865	37.1967	81.4257	CHK-2	2.5	3.6 +	7.6	1.42	0.47 ++	3.01	2566.	53.	6.
2473	0000	-859	37.1967	81.4263	CHK-2	2.4	3.4 +	7.7	1.44	0.44 +	3.26	2490.	54.	5.
2474	0000	-857	37.1968	81.4268	CHK-2	2.1	3.5 +	7.4	1.65	0.48 ++	3.46	2401.	55.	4.
2475	0000	-860	37.1968	81.4274	CHK-2	2.0	3.7 +	7.6	1.86	0.48 ++	3.87	2350.	54.	3.
2476	0000	-860	37.1968	81.4280	CHK-2	1.8	3.5 +	7.8	2.00	0.45 +	4.43	2286.	54.	2.
2477	0000	-860	37.1968	81.4285	CHK-2	1.6	3.7 +	7.9	2.30	0.47 +	4.93	2217.	52.	1.
2478	0000	-862	37.1968	81.4292	CHK-2	1.5	3.5 +	7.8	2.30	0.46 +	5.04	2164.	53.	1.
2479	0000	-861	37.1968	81.4297	CHK-2	1.4	3.6 +	7.8	2.56	0.46 +	5.50	2111.	55.	0.
2480	0000	-863	37.1968	81.4302	CHK-2	1.3	3.5 +	7.8	2.63	0.45 +	5.84	2065.	56.	0.
2481	0000	-866	37.1968	81.4308	CHK-2	1.3	3.4 +	7.9	2.73	0.43 +	6.27	2037.	55.	0.
2482	0000	-863	37.1968	81.4314	CHK-2	1.1	3.4 +	8.0	2.97	0.43 +	7.00	1988.	53.	0.
2483	0000	-862	37.1968	81.4319	CHK-2	1.1	3.3 +	7.6	3.11	0.44 +	7.12	1932.	53.	1.
2484	0000	-864	37.1969	81.4325	CHK-2	1.0	3.2 +	7.4	3.16	0.43 +	7.33	1890.	56.	2.
2485	0000	-863	37.1969	81.4330	CHK-2	0.8	3.2 +	7.6	3.84 +	0.43 +	8.93	1838.	58.	3.
2486	0000	-864	37.1969	81.4336	CHK-2	0.8	3.2 +	7.7	3.90 +	0.41 +	9.41	1815.	59.	4.
2487	0000	-868	37.1969	81.4342	CHK-2	0.8	3.2 +	7.2	4.10 +	0.45 +	9.20	1779.	60.	4.
2488	0000	-867	37.1969	81.4347	CHK-2	0.8	3.4 +	7.0	4.37 +	0.49 ++	8.92	1753.	60.	5.
2489	0000	-865	37.1969	81.4353	CHK-2	0.9	3.4 +	6.9	3.82 +	0.49 ++	7.76	1753.	63.	5.
2490	0000	-866	37.1969	81.4359	CHK-2	1.0	3.4 +	6.9	3.29	0.48 ++	6.81	1759.	64.	4.
2491	0000	-867	37.1969	81.4365	CHK-2	1.1	3.1	7.1	2.82	0.44 +	6.44	1777.	62.	3.
2492	0000	-865	37.1969	81.4370	CHK-2	1.3	2.9	6.8	2.21	0.43 +	5.20	1800.	60.	2.
2493	0000	-866	37.1969	81.4376	CHK-2	1.5	3.0	6.7 -	2.01	0.45 +	4.51	1836.	58.	1.
2494	0000	-870	37.1970	81.4381	CHK-2	1.6	2.7	7.0	1.71	0.39	4.37	1881.	57.	1.
2495	0000	-869	37.1970	81.4387	CHK-2	1.7	2.4	7.3	1.45	0.33	4.35	1901.	56.	0.
2496	0000	-868	37.1970	81.4393	CHK-2	1.7	2.2	7.2	1.31	0.30	4.32	1881.	56.	0.
2497	0000	-870	37.1970	81.4398	CHK-2	1.6	2.2	7.6	1.41	0.29	4.87	1859.	54.	0.
2498	0000	-871	37.1970	81.4404	CHK-2	1.5	2.4	7.7	1.67	0.32	5.28	1808.	55.	0.
2499	0000	-871	37.1970	81.4409	CHK-2	1.2	2.7	8.5	2.19	0.32	6.87	1770.	55.	0.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-870	37.1970	81.4415	CHK-2	1.0	2.7	8.6 +	2.71	0.31	8.60	1717.	55.	0.
2501	0000	-868	37.1970	81.4420	CHK-2	0.8	2.9	8.9 +	3.45	0.32	10.73	1662.	55.	0.
2502	0000	-870	37.1970	81.4427	CHK-2	0.8	2.9	8.7 +	3.82 +	0.33	11.52 +	1610.	55.	1.
2503	0000	-872	37.1970	81.4432	CHK-2	0.6 -	2.9	8.5	4.57 +	0.34	13.49 +	1572.	55.	1.
2504	0000	-873	37.1970	81.4438	CHK-2	0.6 -	2.9	8.2	4.76 +	0.35	13.56 +	1547.	58.	2.
2505	0000	-872	37.1971	81.4443	CHK-2	0.6 -	2.6	8.5	4.20 +	0.30	13.99 +	1549.	59.	3.
2506	0000	-868	37.1971	81.4449	CHK-2	0.7	2.2	8.4	3.09	0.26 -	11.84 +	1562.	61.	5.
2507	0000	-870	37.1971	81.4454	CHK-2	0.8	1.9 -	8.0	2.54	0.24 -	10.50	1549.	60.	7.
2508	0000	-875	37.1971	81.4460	CHK-2	0.8	1.8 -	7.3	2.40	0.25 -	9.53	1529.	59.	8.
2509	0000	-871	37.1971	81.4466	CHK-2	0.7	1.7 -	7.5	2.45	0.23 -	10.62	1504.	60.	10.
2510	0000	-872	37.1971	81.4472	CHK-2	0.7	1.7 -	7.6	2.36	0.22 -	10.70	1482.	60.	10.
2511	0000	-874	37.1971	81.4477	CHK-2	0.7 -	1.7 -	7.3	2.52	0.24 -	10.72	1448.	59.	10.
2512	0000	-867	37.1971	81.4482	CHK-2	0.6 -	1.8 -	6.5 -	2.87	0.28	10.24	1393.	58.	10.
2513	0000	-866	37.1971	81.4488	DB-2	0.6 -	1.8	5.8 -	3.32 +	0.31	10.55 +	1305.	58.	9.
2514	0000	-873	37.1971	81.4494	DB-2	0.5 -	1.9	5.7 -	3.56 +	0.33	10.89 +	1253.	58.	7.
2515	0000	-874	37.1972	81.4500	DB-2	0.5 -	1.9	5.6 -	3.62 +	0.34 +	10.72 +	1231.	59.	7.
2516	0000	-872	37.1971	81.4505	DB-2	0.6 -	1.9	5.5 -	3.23 +	0.35 +	9.13	1255.	57.	6.
2517	0000	-871	37.1971	81.4511	DB-2	0.7 -	2.1	5.8 -	3.19 +	0.36 +	8.75	1292.	58.	4.
2518	0000	-872	37.1971	81.4517	DB-2	0.7 -	2.1	6.1 -	3.09 +	0.35 +	8.89	1338.	55.	4.
2519	0000	-874	37.1971	81.4522	DB-2	0.8 -	2.2	6.4 -	2.88 +	0.34 +	8.50	1391.	56.	3.
2520	0000	-873	37.1972	81.4527	DB-2	0.8	2.2	6.9	2.73 +	0.32	8.43	1459.	54.	2.
2521	0000	-873	37.1972	81.4534	DB-2	0.9	2.5	7.2	2.77 +	0.34 +	8.15	1517.	55.	2.
2522	0000	-875	37.1972	81.4539	DB-2	0.9	2.5	7.5	2.68	0.34	7.96	1574.	53.	1.
2523	0000	-876	37.1972	81.4545	MMP	1.0	2.6 +	7.6	2.67	0.34	7.80	1611.	55.	1.
2524	0000	-874	37.1972	81.4550	MMP	1.0	2.6 +	7.4	2.66	0.36	7.43	1623.	53.	1.
2525	0000	-873	37.1972	81.4556	MMP	1.0	2.4	7.3	2.26	0.32	6.99	1601.	55.	1.
2526	0000	-877	37.1972	81.4562	MMP	1.1	2.2	7.4	2.07	0.29	7.03	1582.	56.	1.
2527	0000	-878	37.1972	81.4568	MMP	1.1	2.1	7.5	1.94	0.28	6.89	1585.	55.	1.
2528	0000	-876	37.1972	81.4574	MMP	1.0	2.1	7.8	1.97	0.27	7.41	1580.	54.	0.
2529	0000	-877	37.1972	81.4580	MMP	1.0	2.1	7.7	1.99	0.27	7.43	1571.	57.	0.
2530	0000	-877	37.1972	81.4586	MMP	1.1	1.9	8.0	1.81	0.24 -	7.58	1572.	59.	0.
2531	0000	-876	37.1972	81.4592	MMP	1.1	1.9	8.2	1.71 -	0.23 -	7.42	1616.	59.	0.
2532	0000	-876	37.1972	81.4598	MMP	1.1	2.0	8.5 +	1.83	0.24 -	7.70	1671.	58.	0.
2533	0000	-875	37.1972	81.4604	MMP	1.2	2.2	8.6 +	1.93	0.26	7.39	1728.	57.	0.
2534	0000	-877	37.1972	81.4610	MMP	1.1	2.5	8.2	2.18	0.30	7.17	1746.	58.	1.
2535	0000	-877	37.1972	81.4615	MG	1.2	2.4	8.2	2.06	0.30	6.97	1772.	60.	1.
2536	0000	-875	37.1972	81.4622	MG	1.2	2.1	8.2	1.76	0.26	6.72	1771.	58.	2.
2537	0000	-875	37.1972	81.4628	MG	1.2	2.2	7.9	1.81	0.28	6.45	1749.	59.	2.
2538	0000	-874	37.1972	81.4633	MG	1.2	1.8	7.7	1.52 -	0.24	6.37	1699.	58.	4.
2539	0000	-872	37.1972	81.4640	MG	1.2 +	1.8	7.4	1.42 -	0.24	5.92 -	1657.	59.	5.
2540	0000	-870	37.1972	81.4646	MG	1.2	1.6 -	6.7	1.34 -	0.24	5.68 -	1576.	60.	6.
2541	0000	-870	37.1972	81.4651	MG	1.1	1.3 -	6.6	1.18 -	0.20 -	5.81 -	1499.	60.	7.
2542	0000	-871	37.1972	81.4658	MG	1.1	1.0 --	5.9 -	0.98 --	0.18 -	5.59 -	1397.	59.	7.
2543	0000	-870	37.1972	81.4664	MG	1.0	1.1 --	5.4 -	1.11 -	0.20 -	5.50 -	1307.	59.	7.
2544	0000	-871	37.1971	81.4669	MG	0.9	1.0 --	4.8 -	1.23 -	0.22 -	5.65 -	1206.	59.	7.
2545	0000	-873	37.1971	81.4675	MG	0.7	1.3 -	4.4 --	1.78	0.30	6.02 -	1118.	60.	6.
2546	0000	-872	37.1971	81.4682	MG	0.6 -	1.3 -	3.8 --	2.11	0.35	6.03 -	1045.	60.	5.
2547	0000	-869	37.1971	81.4687	MG	0.5 -	1.4 -	3.9 --	2.62	0.37	7.04	992.	60.	4.
2548	0000	-867	37.1971	81.4693	MG	0.6 -	1.4 -	3.8 --	2.47	0.36	6.81	950.	58.	3.
2549	0000	-868	37.1971	81.4699	MG	0.5 -	1.4 -	3.6 --	2.91	0.40	7.31	914.	62.	3.
2550	0000	-867	37.1971	81.4705	MG	0.4 -	1.4 -	3.5 ---	3.39	0.41	8.33	875.	61.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-867	37.1971	81.4711	MG	0.4 -	1.3 -	3.4 ---	3.01	0.38	7.92	838.	60.	3.
2552	0000	-870	37.1971	81.4717	MG	0.4 -	1.2 -	3.3 ---	3.09	0.37	8.45	798.	60.	3.
2553	0000	-867	37.1971	81.4723	MG	0.3 --	1.0 --	3.4 ---	2.81	0.29	9.73	756.	58.	4.
2554	0000	-867	37.1971	81.4729	MBF-1	0.3	0.8 -	3.3	2.53	0.23 -	10.96	740.	56.	5.
2555	0000	-870	37.1971	81.4735	MBF-1	0.3 -	0.7 -	3.5	2.55	0.20 -	13.00	736.	58.	6.
2556	0000	-867	37.1971	81.4741	MBF-1	0.3 -	0.8 -	3.6	2.84	0.22 -	12.75	746.	57.	6.
2557	0000	-867	37.1971	81.4747	MBF-1	0.3	0.7 -	4.1	2.36 -	0.18 -	13.00	767.	57.	7.
2558	0000	-869	37.1971	81.4753	MBF-1	0.4	0.6 -	4.3	1.83 -	0.15 --	12.12	795.	56.	7.
2559	0010	-869	37.1971	81.4759	MBF-1	0.4	0.4 N.A.	4.6	1.03 N.A.	0.09 N.A.	11.43	819.	56.	8.
2560	0000	-868	37.1971	81.4765	MBF-1	0.4	0.7 -	4.4	1.57 --	0.15 --	10.41	840.	59.	8.
2561	0000	-867	37.1971	81.4771	MBF-1	0.5	0.7 -	4.7	1.53 --	0.15 --	10.33	849.	61.	7.
2562	0000	-865	37.1971	81.4776	MBF-1	0.5	0.7 -	4.5	1.58 --	0.16 --	9.67	845.	61.	6.
2563	0000	-864	37.1971	81.4783	MBF-1	0.5	0.7 -	4.6	1.54 --	0.16 --	9.93	841.	61.	5.
2564	0000	-864	37.1971	81.4788	MBF-1	0.5	0.8 -	4.2	1.86 -	0.20 -	9.22	838.	62.	4.
2565	0000	-862	37.1971	81.4794	MBF-1	0.4	1.2	4.3	2.80	0.27	10.49	841.	60.	2.
2566	0000	-861	37.1971	81.4801	MBF-1	0.4	1.2	3.9	2.93	0.32	9.16	824.	59.	2.
2567	0000	-862	37.1971	81.4806	MBF-1	0.4	1.2	3.9	2.99	0.31	9.63	806.	56.	1.
2568	0000	-862	37.1971	81.4812	MBF-1	0.4	1.4	3.3	3.38	0.41	8.34	779.	58.	0.
2569	0000	-860	37.1971	81.4818	MBF-1	0.4	1.4	3.4	3.72	0.39	9.47	754.	54.	1.
2570	0000	-861	37.1971	81.4824	MH	0.4 -	1.4	3.1 --	3.93 +	0.46 ++	8.61	725.	53.	1.
2571	0000	-861	37.1971	81.4830	MH	0.3 -	1.4	3.0 --	4.35 +	0.46 ++	9.37	696.	53.	2.
2572	0000	-860	37.1971	81.4836	MH	0.3 -	1.1 -	2.6 --	3.23	0.43 +	7.58	673.	53.	4.
2573	0000	-860	37.1971	81.4842	MH	0.3 -	1.1 -	2.9 --	3.42 +	0.38 +	9.08	678.	55.	5.
2574	0000	-860	37.1971	81.4848	MH	0.3 -	1.0 -	2.9 --	3.37 +	0.36 +	9.46	687.	56.	6.
2575	0000	-860	37.1971	81.4854	MH	0.3 -	0.9 -	3.1 --	2.61	0.28	9.42	709.	53.	8.
2576	0000	-861	37.1971	81.4860	MH	0.4 -	0.9 -	3.2 --	2.39	0.27	8.83	732.	57.	9.
2577	0000	-860	37.1971	81.4866	MH	0.4 -	0.7 --	3.5 --	1.98	0.22	9.18	772.	58.	10.
2578	0000	-859	37.1971	81.4872	MH	0.4 -	0.9 -	3.8 --	2.16	0.23	9.52	833.	58.	10.
2579	0000	-858	37.1971	81.4877	MH	0.4 -	1.0 -	4.6 -	2.56	0.22	11.65 +	905.	61.	10.
2580	0000	-859	37.1971	81.4884	MH	0.5 -	1.0 -	5.3	2.15	0.19 -	11.13 +	994.	61.	10.
2581	0000	-860	37.1971	81.4890	MH	0.6	0.9 -	5.8	1.60	0.16 -	10.04	1114.	59.	10.
2582	0000	-860	37.1971	81.4895	MH	0.7	1.1 -	6.6	1.65	0.17 -	9.87	1231.	63.	10.
2583	0000	-859	37.1971	81.4902	MBP	0.7	1.1 -	7.5 +	1.45 -	0.14 --	10.19	1361.	65.	10.
2584	0000	-857	37.1971	81.4908	MBP	0.9	1.0 -	8.1 +	1.15 -	0.13 --	8.92	1466.	67.	9.
2585	0000	-858	37.1971	81.4913	MBP	1.0 +	1.0 -	8.7 +	0.92 --	0.11 ---	8.35	1543.	67.	9.
2586	0000	-857	37.1971	81.4919	MBP	1.1 +	1.1 -	8.9 ++	1.05 --	0.13 --	8.20	1600.	64.	8.
2587	0000	-856	37.1971	81.4925	MBP	1.1 +	1.3	8.9 ++	1.15 -	0.14 --	8.00	1630.	62.	7.
2588	0000	-857	37.1971	81.4931	MBP	1.1 +	1.3	9.1 ++	1.23 -	0.15 --	8.32	1598.	64.	6.
2589	0000	-856	37.1970	81.4937	MBP	1.1 +	1.3	8.9 ++	1.18 -	0.15 --	8.10	1567.	63.	5.
2590	0000	-854	37.1970	81.4944	MBP	1.1 +	1.6	8.2 +	1.49 -	0.20 -	7.45	1535.	60.	5.
2591	0000	-854	37.1970	81.4949	MBP	1.0 +	1.6	8.2 +	1.56 -	0.19 -	8.15	1519.	58.	5.
2592	0000	-855	37.1970	81.4955	MBP	0.9	1.7	7.6 +	1.84	0.23	8.05	1502.	60.	5.
2593	0000	-853	37.1970	81.4962	MBP	1.0 +	1.6	7.4	1.64	0.22	7.44	1488.	60.	6.
2594	0000	-852	37.1970	81.4967	MBP	1.0 +	1.6	7.5 +	1.63	0.22	7.40	1492.	62.	6.
2595	0000	-851	37.1970	81.4973	MBP	1.0 +	1.7	7.5 +	1.64	0.23	7.19	1506.	62.	6.
2596	0000	-851	37.1970	81.4979	MBP	1.1 +	1.9	7.4	1.80	0.26	6.99	1534.	61.	6.
2597	0000	-853	37.1970	81.4986	MBP	1.1 +	1.8	7.7 +	1.71	0.24	7.16	1572.	62.	5.
2598	0000	-853	37.1970	81.4991	MBP	1.1 +	2.0	7.6 +	1.79	0.26	6.90	1579.	60.	5.
2599	0000	-850	37.1970	81.4997	MBP	1.2 +	1.8	7.7 +	1.57 -	0.23	6.67 -	1586.	60.	5.
2600	0000	-849	37.1970	81.5003	MBP	1.1 +	1.8	7.5 +	1.60	0.24	6.57 -	1613.	60.	5.
2601	0000	-849	37.1970	81.5009	MBP	1.2 +	2.0	7.6 +	1.72	0.26	6.55 -	1626.	59.	4.

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-849	37.1970	81.5014		MBP	1.1 +	2.1	7.5	1.81	0.28	6.50 -	1653.	60.	3.
2603	0000	-847	37.1970	81.5021		MBP	1.1 +	2.0	7.4	1.76	0.27	6.60 -	1625.	59.	3.
2604	0000	-845	37.1970	81.5027		MBP	1.1 +	1.9	7.1	1.77	0.27	6.61 -	1565.	59.	4.
2605	0000	-848	37.1970	81.5032		MBP	1.0 +	1.9	7.0	1.83	0.27	6.67 -	1538.	60.	4.
2606	0000	-849	37.1970	81.5039		MBP	1.0 +	2.0	6.7	1.97	0.30	6.65 -	1527.	59.	4.
2607	0000	-846	37.1970	81.5045		MBP	1.0 +	1.9	6.7	1.89	0.29	6.52 -	1498.	58.	4.
2608	0000	-843	37.1970	81.5051		MBP	1.0 +	1.9	6.5	1.88	0.30	6.35 -	1489.	59.	5.
2609	0000	-845	37.1970	81.5057		MBP	1.0 +	1.8	6.6	1.79	0.27	6.53 -	1467.	59.	5.
2610	0000	-848	37.1970	81.5063		MBP	1.0 +	1.8	7.1	1.74	0.25	6.93	1490.	60.	6.
2611	0000	-845	37.1970	81.5069		MBP	1.0 +	1.5	7.7 +	1.48 -	0.20	7.34	1534.	59.	7.
2612	0000	-841	37.1970	81.5075		MBP	1.1 +	1.6	7.6 +	1.50 -	0.21	7.19	1545.	61.	7.
2613	0000	-842	37.1970	81.5080		MBP	1.0 +	1.4	7.8 +	1.36 -	0.18 -	7.48	1518.	62.	7.
2614	0000	-842	37.1970	81.5087		MBP	1.0 +	1.5	7.8 +	1.56 -	0.20 -	8.01	1491.	64.	6.
2615	0000	-840	37.1970	81.5092		MBP	0.9	1.3	7.7 +	1.51 -	0.18 -	8.61	1450.	63.	6.
2616	0000	-840	37.1970	81.5098		MBP	0.8	1.5	7.6 +	1.80	0.20 -	9.13	1437.	63.	5.
2617	0000	-840	37.1970	81.5105		MBP	0.8	1.6	7.5 +	1.90	0.21	9.13	1421.	64.	4.
2618	0000	-839	37.1970	81.5110		MBP	0.8	1.8	7.0	2.23	0.26	8.42	1421.	64.	2.
2619	0000	-838	37.1970	81.5116		MBP	0.8	2.0	7.2	2.36	0.27	8.64	1434.	62.	1.
2620	0000	-837	37.1970	81.5123		MBP	0.8	2.1	7.5	2.53	0.28	8.96	1459.	64.	1.
2621	0000	-836	37.1970	81.5128		MBP	0.9	2.0	7.8 +	2.28	0.26	8.81	1486.	61.	1.
2622	0000	-837	37.1970	81.5134		MBP	0.9	2.1	7.7 +	2.33	0.27	8.54	1506.	62.	2.
2623	0000	-835	37.1970	81.5140		MBP	1.0	2.0	7.9 +	2.14	0.26	8.28	1510.	62.	3.
2624	0000	-832	37.1970	81.5146		MBP	1.0	2.1	7.7 +	2.18	0.27	8.09	1501.	61.	4.
2625	0000	-830	37.1970	81.5152		MBP	0.9	1.8	7.9 +	2.00	0.23	8.63	1445.	61.	5.
2626	0000	-829	37.1969	81.5157		MBP	0.8	1.8	7.5 +	2.08	0.24	8.86	1382.	60.	5.
2627	0000	-830	37.1969	81.5164		MBP	0.8	1.7	7.0	2.06	0.24	8.69	1316.	57.	6.
2628	0000	-830	37.1969	81.5170		MBP	0.7	1.4	6.3	1.92	0.22	8.80	1230.	57.	8.
2629	0000	-827	37.1969	81.5175		MBP	0.6	1.3	6.1	1.98	0.21	9.58	1139.	56.	7.
2630	0000	-826	37.1969	81.5181		MBP	0.6	1.2 -	5.2	2.10	0.22	9.47	1037.	55.	6.
2631	0000	-826	37.1969	81.5188		MBP	0.5 -	0.9 -	4.7 -	1.79	0.18 -	9.73	935.	56.	5.
2632	0000	-825	37.1969	81.5194		MBP	0.4 -	1.0 -	3.9 -	2.23	0.24	9.10	852.	56.	5.
2633	0000	-824	37.1969	81.5199		MBP	0.4 -	0.9 -	3.6 --	2.40	0.26	9.13	796.	56.	5.
2634	0000	-825	37.1969	81.5206		MBP	0.4 -	0.8 -	3.4 --	2.09	0.24	8.64	760.	58.	4.
2635	0000	-823	37.1969	81.5212		MBP	0.4 -	1.1 -	3.3 --	2.83	0.33	8.50	752.	58.	3.
2636	0000	-821	37.1969	81.5217		MBP	0.4 -	1.0 -	2.9 --	2.38	0.34	6.93	766.	60.	4.
2637	0000	-822	37.1969	81.5224		MBP	0.5 -	0.9 -	3.2 --	1.79	0.27	6.68 -	811.	60.	4.
2638	0000	-821	37.1969	81.5229		MBP	0.6	0.9 -	3.7 -	1.48 -	0.24	6.27 -	896.	60.	5.
2639	0000	-820	37.1969	81.5235		MBP	0.7	0.9 -	4.3 -	1.44 -	0.22	6.55 -	985.	61.	5.
2640	0000	-821	37.1969	81.5241		MBP	0.8	1.0 -	4.8 -	1.31 -	0.21	6.20 -	1085.	61.	5.
2641	0000	-820	37.1969	81.5247		MH	0.8	1.4	5.4	1.67	0.26	6.41 -	1174.	62.	4.
2642	0000	-818	37.1969	81.5253		MH	0.9	1.6	5.6	1.81	0.29	6.19 -	1264.	62.	4.
2643	0000	-817	37.1969	81.5259		MH	1.0	1.8	6.3	1.84	0.28	6.49 -	1318.	62.	3.
2644	0000	-817	37.1969	81.5265		MH	1.0	2.0	6.5	2.08	0.31	6.83	1350.	62.	2.
2645	0000	-817	37.1969	81.5271		MH	0.9	2.1	6.6	2.34	0.32	7.23	1356.	61.	1.
2646	0000	-816	37.1969	81.5277		MH	0.9	2.2	6.4	2.28	0.34	6.80	1364.	62.	0.
2647	0000	-816	37.1969	81.5283		MH	1.0	2.0	6.6	1.96	0.30	6.55	1379.	64.	0.
2648	0000	-815	37.1969	81.5289		MH	1.1	1.9	6.8	1.83	0.28	6.42 -	1421.	62.	0.
2649	0000	-814	37.1968	81.5295		MH	1.1	1.7	7.2	1.57	0.24	6.55	1448.	62.	1.
2650	0000	-813	37.1968	81.5301		MH	1.2 +	1.7	7.8	1.41 -	0.21	6.63	1514.	61.	1.
2651	0000	-811	37.1968	81.5307		MH	1.3 +	1.7	8.1 +	1.37 -	0.22	6.38 -	1581.	60.	2.
2652	0000	-809	37.1968	81.5313		MH	1.3 +	1.8	8.1 +	1.44 -	0.23	6.30 -	1637.	59.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-811	37.1968	81.5319	MH	1.3 +	1.6	8.7 +	1.19 -	0.18 -	6.49 -	1676.	57.	4.
2654	0000	-812	37.1968	81.5325	MH	1.2 +	1.8	9.0 +	1.43 -	0.20 -	7.23	1704.	54.	5.
2655	0000	-811	37.1968	81.5331	MH	1.3 +	1.6	9.2 +	1.25 -	0.17 -	7.25	1697.	55.	6.
2656	0000	-809	37.1968	81.5336	MH	1.2 +	1.6	8.8 +	1.30 -	0.18 -	7.28	1653.	55.	6.
2657	0000	-807	37.1968	81.5342	MH	1.1 +	1.6	8.1 +	1.45	0.20	7.17	1574.	55.	6.
2658	0000	-806	37.1968	81.5349	MH	1.1	1.4	7.7	1.32 -	0.19 -	7.08	1496.	55.	6.
2659	0000	-806	37.1968	81.5354	MH	1.1	1.3 -	7.6	1.15 -	0.16 -	6.95	1433.	54.	5.
2660	0000	-805	37.1968	81.5360	MH	1.0	1.5	7.3	1.50	0.21	7.15	1386.	54.	5.
2661	0000	-804	37.1968	81.5367	MH	1.1	1.6	7.0	1.52	0.23	6.60	1357.	53.	4.
2662	0000	-802	37.1968	81.5372	MH	1.0	1.7	6.8	1.64	0.24	6.74	1362.	53.	3.
2663	0000	-799	37.1968	81.5378	MH	1.1	1.9	7.2	1.71	0.26	6.62	1434.	52.	2.
2664	0000	-799	37.1968	81.5384	MH	1.1 +	1.9	7.6	1.64	0.25	6.63	1498.	52.	1.
2665	0000	-799	37.1968	81.5390	MH	1.2 +	1.8	8.7 +	1.55	0.21	7.25	1571.	52.	1.
2666	0000	-798	37.1968	81.5396	MH	1.2 +	2.1	8.3 +	1.76	0.25	6.97	1606.	54.	2.
2667	0000	-796	37.1968	81.5402	MH	1.2 +	2.0	7.9	1.62	0.25	6.49 -	1625.	54.	2.
2668	0000	-795	37.1968	81.5408	MH	1.2 +	1.9	7.4	1.66	0.26	6.33 -	1604.	57.	3.
2669	0000	-796	37.1968	81.5414	MH	1.1 +	1.9	6.9	1.65	0.27	6.03 -	1555.	57.	3.
2670	0000	-794	37.1968	81.5420	MH	1.1	1.6	6.8	1.50	0.23	6.48 -	1469.	59.	3.
2671	0000	-792	37.1968	81.5426	MH	1.0	1.6	6.3	1.60	0.25	6.33 -	1398.	58.	4.
2672	0000	-793	37.1968	81.5432	MBF-2	0.9	1.6	5.1 -	1.74	0.31	5.56 -	1316.	58.	4.
2673	0000	-790	37.1968	81.5438	MBF-2	0.9	1.4 -	5.4 -	1.57	0.25	6.20	1271.	56.	4.
2674	0000	-787	37.1968	81.5443	MBF-2	0.9	1.5	5.2 -	1.78	0.29	6.14	1247.	56.	3.
2675	0000	-787	37.1968	81.5450	MBF-2	0.8	1.4 -	5.8 -	1.62	0.24	6.79	1225.	54.	3.
2676	0000	-786	37.1968	81.5456	MBF-2	0.8 -	1.5	6.1	1.81	0.24	7.47	1212.	55.	2.
2677	0000	-784	37.1967	81.5461	MBF-2	0.8 -	1.5	5.8 -	1.80	0.25	7.16	1198.	54.	2.
2678	0000	-783	37.1967	81.5468	MBF-2	0.8 -	1.4	5.9 -	1.87	0.24	7.63	1210.	54.	3.
2679	0000	-781	37.1967	81.5473	MBF-2	0.8 -	1.6	6.2	2.06	0.25	8.09 +	1223.	53.	3.
2680	0000	-779	37.1967	81.5479	MBF-2	0.8 -	1.7	6.0 -	2.28	0.29	7.81	1238.	54.	4.
2681	0000	-779	37.1967	81.5486	MBF-2	0.8 -	1.2 -	6.9	1.45	0.17 -	8.66 +	1264.	56.	7.
2682	0000	-778	37.1967	81.5491	MBF-2	0.8 -	0.9 -	6.7	1.17 -	0.14 -	8.29 +	1289.	55.	9.
2683	0000	-777	37.1967	81.5497	MBF-2	0.8 -	0.9 --	6.6	1.11 -	0.14 -	8.05	1319.	54.	11.
2684	0000	-775	37.1967	81.5503	MBF-2	0.8	0.7 --	6.5	0.83 ---	0.11 --	7.72	1360.	53.	13.
2685	0000	-771	37.1967	81.5509	MBF-2	0.9	0.5 --	6.8	0.55 ---	0.07 --	7.64	1378.	51.	14.
2686	0010	-769	37.1967	81.5515	MBF-2	0.9	0.2 N.A.	7.0	0.26 N.A.	0.03 N.A.	7.73	1409.	51.	14.
2687	0010	-768	37.1967	81.5521	MBF-2	1.0	0.0 N.A.	7.2	0.0 N.A.	0.0 N.A.	7.42	1430.	49.	14.
2688	0000	-768	37.1967	81.5528	MBF-2	0.9	0.8 --	6.4	0.87 --	0.13 -	6.75	1438.	50.	13.
2689	0000	-767	37.1967	81.5534	MBF-2	1.0	1.2 -	6.6	1.17 -	0.18 -	6.66	1476.	51.	11.
2690	0000	-765	37.1967	81.5539	MBF-2	1.1	1.2 -	6.6	1.12 -	0.18 -	6.26	1511.	51.	9.
2691	0000	-763	37.1967	81.5545	MBF-2	1.1	1.6	6.7	1.48	0.24	6.20	1547.	50.	7.
2692	0000	-763	37.1967	81.5551	MBF-2	1.1	2.1	6.6	1.99	0.32	6.19	1580.	52.	5.
2693	0000	-762	37.1967	81.5557	MBF-2	1.1	2.5 +	6.4	2.21	0.40 +	5.55 -	1616.	51.	3.
2694	0000	-759	37.1967	81.5562	MBF-2	1.1	2.9 ++	6.7	2.62 +	0.44 ++	5.95	1640.	51.	2.
2695	0000	-758	37.1967	81.5569	MBF-2	1.1	2.7 +	7.2	2.51 +	0.38 +	6.55	1661.	49.	1.
2696	0000	-758	37.1967	81.5575	MBF-2	1.1	2.7 +	7.2	2.47 +	0.38 +	6.56	1673.	49.	2.
2697	0000	-757	37.1967	81.5580	MBF-2	1.1	2.7 +	7.6	2.55 +	0.36 +	7.10	1662.	48.	2.
2698	0000	-755	37.1967	81.5587	MG	1.0	2.7	7.7	2.72	0.35	7.76	1645.	48.	2.
2699	0000	-754	37.1967	81.5593	MG	1.0	2.7	7.8	2.79	0.34	8.09	1629.	46.	3.
2700	0000	-753	37.1967	81.5599	MG	0.9	2.6	7.8	2.91	0.33	8.73	1588.	47.	3.
2701	0000	-748	37.1967	81.5605	MG	0.8	2.6	7.8	3.12	0.33	9.32	1571.	47.	4.
2702	0000	-743	37.1967	81.5611	MG	0.9	2.6	7.7	2.92	0.33	8.73	1575.	50.	4.
2703	0000	-741	37.1967	81.5617	MG	0.9	2.6	7.6	2.93	0.34	8.67	1588.	49.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-741	37.1967	81.5623	MG	0.9	3.0 +	7.5	3.39	0.39	8.59	1616.	52.	3.
2705	0000	-743	37.1967	81.5629	MG	0.9	3.0 +	8.1	3.20	0.37	8.70	1656.	55.	3.
2706	0000	-745	37.1967	81.5635	MG	1.0	2.8	8.2	2.72	0.34	7.94	1703.	57.	3.
2707	0000	-743	37.1967	81.5640	MMCC	1.1	2.8 +	8.6	2.53	0.32	7.81	1756.	59.	3.
2708	0000	-739	37.1967	81.5646	MMCC	1.2	2.8 +	8.6	2.31	0.33	7.07	1804.	61.	3.
2709	0000	-737	37.1967	81.5653	MMCC	1.2	2.8 +	9.0 +	2.28	0.31	7.39	1819.	57.	3.
2710	0000	-738	37.1967	81.5658	MMCC	1.2	2.7 +	8.5	2.24	0.32	6.99	1774.	59.	4.
2711	0000	-738	37.1967	81.5664	MMCC	1.2	2.3	8.2	1.90	0.28	6.75	1717.	55.	4.
2712	0000	-736	37.1967	81.5671	MMCC	1.2	2.1	7.5	1.74	0.28	6.21	1651.	54.	5.
2713	0000	-735	37.1967	81.5676	MMCC	1.2	2.0	7.4	1.68	0.27	6.21	1610.	52.	5.
2714	0000	-735	37.1967	81.5682	MMCC	1.2	2.0	7.1	1.65	0.28	5.99	1585.	50.	5.
2715	0000	-733	37.1967	81.5688	MMCC	1.1	1.7	7.1	1.55	0.24	6.33	1551.	48.	5.
2716	0000	-733	37.1967	81.5694	MMCC	1.1	1.6	6.7	1.41	0.24	5.92	1536.	49.	5.
2717	0000	-732	37.1967	81.5700	MMCC	1.1	1.7	7.2	1.46	0.23	6.32	1580.	45.	5.
2718	0000	-730	37.1967	81.5706	MMCC	1.2	1.8	7.6	1.52	0.23	6.58	1618.	48.	4.
2719	0000	-731	37.1967	81.5712	MMCC	1.2	2.1	7.7	1.71	0.27	6.37	1678.	49.	3.
2720	0000	-731	37.1966	81.5718	MMCC	1.3	2.1	8.0	1.67	0.26	6.40	1727.	51.	3.
2721	0000	-726	37.1966	81.5724	MMCC	1.3	2.2	8.3	1.72	0.26	6.64	1787.	50.	2.
2722	0000	-724	37.1966	81.5730	MMCC	1.3	2.2	8.3	1.68	0.27	6.30	1818.	52.	2.
2723	0000	-724	37.1966	81.5736	MMCC	1.3	2.2	8.4	1.70	0.27	6.35	1806.	52.	2.
2724	0000	-722	37.1966	81.5742	MMCC	1.3	2.0	8.2	1.53	0.24	6.30	1754.	53.	2.
2725	0000	-721	37.1966	81.5747	MMCC	1.2	1.9	7.7	1.54	0.25	6.21	1693.	53.	3.
2726	0000	-723	37.1966	81.5752	MMCC	1.1	1.8	7.5	1.54	0.24	6.53	1608.	55.	3.
2727	0000	-722	37.1966	81.5757	MMCC	1.0	1.7	6.9	1.68	0.25	6.71	1533.	53.	4.
2728	0000	-717	37.1965	81.5762	MMCC	1.0	1.5	6.5	1.54	0.24	6.45	1460.	57.	5.
2729	0000	-718	37.1965	81.5767	MMCC	1.0	1.5	6.1	1.56	0.25	6.25	1424.	57.	6.
2730	0000	-721	37.1965	81.5771	MMCC	1.0	1.4 -	6.1	1.40	0.22	6.28	1404.	59.	6.
2731	0000	-719	37.1965	81.5776	MMCC	1.0	1.6	6.1	1.71	0.27	6.32	1407.	60.	6.
2732	0000	-719	37.1965	81.5780	MMCC	1.0	1.8	6.2	1.74	0.29	6.07	1443.	60.	5.
2733	0000	-721	37.1964	81.5786	MMCC	1.1	1.8	6.2	1.66	0.28	5.86	1475.	59.	4.
2734	0000	-718	37.1964	81.5790	MMCC	1.1	1.8	6.4	1.61	0.28	5.82	1490.	57.	3.
2735	0000	-716	37.1964	81.5795	MMCC	1.1	2.0	6.3	1.91	0.32	5.94	1478.	55.	3.
2736	0000	-717	37.1964	81.5799	MMCC	1.0	2.1	6.1	2.10	0.34	6.20	1434.	56.	2.
2737	0000	-715	37.1964	81.5804	MMCC	0.9	2.0	5.7	2.16	0.36	6.02	1434.	56.	3.
2738	0000	-713	37.1964	81.5808	MMCC	1.0	1.8	5.7	1.88	0.32	5.95	1432.	55.	4.
2739	0000	-712	37.1964	81.5813	MMCC	1.0	1.6	5.6 -	1.64	0.28	5.78	1433.	53.	5.
2740	0000	-710	37.1963	81.5818	MMCC	1.0	1.5 -	5.7 -	1.50	0.26	5.88	1430.	51.	7.
2741	0000	-712	37.1963	81.5822	MMCC	1.0	1.6	5.7 -	1.63	0.28	5.91	1438.	52.	7.
2742	0000	-712	37.1963	81.5828	MMCC	1.0	1.5 -	5.9	1.51	0.25	5.97	1473.	53.	8.
2743	0000	-710	37.1963	81.5832	MMCC	1.1	1.5 -	6.5	1.37	0.23	6.00	1541.	49.	7.
2744	0000	-708	37.1962	81.5837	MMCC	1.1	1.5	7.1	1.37	0.21	6.49	1566.	50.	6.
2745	0000	-706	37.1962	81.5841	MMCC	1.1	1.5 -	7.4	1.31	0.20 -	6.66	1596.	50.	5.
2746	0000	-707	37.1962	81.5847	MMCC	1.1	1.9	7.6	1.68	0.25	6.79	1637.	51.	3.
2747	0000	-708	37.1962	81.5851	MMCC	1.2	2.0	8.0	1.62	0.25	6.48	1729.	51.	2.
2748	0000	-707	37.1962	81.5856	MMCC	1.3	2.1	8.3	1.64	0.25	6.49	1785.	51.	2.
2749	0000	-705	37.1962	81.5860	MMCC	1.3	1.9	8.4	1.46	0.23	6.30	1799.	50.	2.
2750	0000	-704	37.1962	81.5865	MMCC	1.3	1.8	8.2	1.33	0.21	6.17	1782.	52.	3.
2751	0000	-701	37.1962	81.5870	MMCC	1.3	1.7	7.9	1.25 -	0.21	5.92	1767.	48.	4.
2752	0000	-699	37.1961	81.5875	MMCC	1.3	1.6	7.9	1.25 -	0.20	6.12	1730.	48.	6.
2753	0000	-698	37.1961	81.5879	MP	1.2	1.4	7.7 +	1.12	0.18 -	6.33	1681.	48.	7.
2754	0000	-697	37.1961	81.5884	MP	1.1	1.1	7.2	1.02 -	0.16 -	6.41	1572.	50.	8.

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-696	37.1960	81.5888	MP	1.1	0.9 -	6.6	0.87 -	0.14 --	6.16	1500.	48.	10.
2756	0000	-696	37.1960	81.5893	MP	1.0	0.9 -	6.4	0.93 -	0.15 --	6.37	1428.	51.	10.
2757	0000	-695	37.1960	81.5897	MP	0.9	1.2	6.2	1.35	0.20	6.76 +	1396.	50.	10.
2758	0000	-693	37.1960	81.5902	MP	0.9	1.3	6.1	1.41	0.21	6.68	1374.	54.	9.
2759	0000	-694	37.1960	81.5907	MP	0.9	1.4	5.7	1.53	0.24	6.42	1349.	56.	8.
2760	0000	-695	37.1960	81.5912	MP	0.9	1.3	5.5	1.48	0.24	6.09	1320.	56.	7.
2761	0000	-693	37.1960	81.5917	MP	0.9	1.4	5.7	1.58	0.24	6.45	1327.	54.	6.
2762	0000	-693	37.1960	81.5921	MP	0.9	1.3	5.9	1.39	0.22	6.30	1326.	58.	4.
2763	0000	-692	37.1959	81.5926	MP	0.9	1.5	6.1	1.53	0.24	6.43	1343.	56.	3.
2764	0000	-690	37.1959	81.5930	MP	1.0	1.3	6.1	1.30	0.22	5.94	1350.	58.	2.
2765	0000	-690	37.1959	81.5936	MP	1.0	1.6	6.2	1.61	0.26	6.18	1373.	56.	2.
2766	0000	-690	37.1959	81.5940	MP	1.0	1.9 +	6.3	1.82	0.30 +	6.00	1410.	55.	1.
2767	0000	-689	37.1958	81.5945	MP	1.1	1.9 +	6.5	1.72	0.30	5.82	1438.	55.	0.
2768	0000	-688	37.1958	81.5949	MP	1.1	2.0 +	6.5	1.82	0.31 +	5.85	1447.	56.	0.
2769	0000	-686	37.1958	81.5954	MP	1.0	2.3 +	6.3	2.17 +	0.36 +	6.03	1439.	54.	1.
2770	0000	-685	37.1958	81.5959	MP	1.0	2.1 +	6.4	2.05 +	0.33 +	6.27	1447.	55.	1.
2771	0000	-687	37.1958	81.5964	MP	1.0	2.1 +	6.5	2.05 +	0.32 +	6.46	1443.	55.	1.
2772	0000	-687	37.1958	81.5968	MP	1.0	1.9 +	6.5	1.89 +	0.30	6.41	1424.	55.	2.
2773	0000	-684	37.1958	81.5973	MP	1.0	1.7	6.7	1.71	0.25	6.81 +	1417.	55.	3.
2774	0000	-682	37.1957	81.5977	MP	0.9	1.6	6.4	1.79	0.25	7.03 +	1405.	56.	4.
2775	0000	-681	37.1957	81.5982	MP	0.9	1.6	6.2	1.75	0.25	6.88 +	1394.	56.	5.
2776	0000	-680	37.1957	81.5987	MP	0.9	1.6	6.6	1.76	0.24	7.21 +	1398.	56.	5.
2777	0000	-682	37.1957	81.5992	MP	0.9	1.8	6.2	2.00 +	0.29	6.84 +	1387.	56.	5.
2778	0000	-684	37.1956	81.5996	MP	0.8	1.8	6.2	2.12 +	0.29	7.24 +	1374.	54.	6.
2779	0000	-680	37.1956	81.6001	PPNR	0.8	1.9	6.1	2.21	0.31	7.24	1382.	51.	5.
2780	0000	-678	37.1956	81.6006	PPNR	0.9	2.0	5.8	2.25	0.34	6.66	1367.	52.	5.
2781	0000	-681	37.1956	81.6010	PPNR	0.9	2.1	6.1	2.35	0.34	6.94	1371.	51.	4.
2782	0000	-679	37.1956	81.6015	PPNR	0.9	2.3	6.6	2.48	0.34	7.24	1383.	53.	3.
2783	0000	-676	37.1956	81.6019	PPNR	0.9	2.2	6.2	2.29	0.35	6.58	1396.	54.	4.
2784	0000	-677	37.1956	81.6025	PPNR	1.0	1.9	6.4	1.92	0.30	6.51	1416.	53.	4.
2785	0000	-677	37.1955	81.6029	PPNR	1.0	2.0	6.7	1.99	0.30	6.59	1437.	53.	4.
2786	0000	-677	37.1955	81.6034	PPNR	1.0	2.1	6.7	1.99	0.30	6.51	1433.	55.	4.
2787	0000	-675	37.1955	81.6038	PPNR	1.0	2.0	7.0	1.89	0.28	6.66	1447.	56.	3.
2788	0000	-671	37.1955	81.6043	PPNR	1.1	1.7	7.0	1.60	0.24	6.62	1445.	56.	3.
2789	0000	-670	37.1954	81.6048	PPNR	1.1	1.5	7.0	1.37	0.21 -	6.64	1423.	57.	2.
2790	0000	-673	37.1954	81.6053	PPNR	1.0	1.4	7.3	1.35	0.19 -	7.01	1411.	57.	1.
2791	0000	-671	37.1954	81.6057	PPNR	1.0	1.5	7.3	1.47	0.21 -	7.01	1422.	56.	1.
2792	0000	-668	37.1954	81.6062	PPNR	1.0	1.5	7.1	1.51	0.21	7.01	1423.	57.	1.
2793	0000	-668	37.1954	81.6067	PPNR	1.0	1.5	7.1	1.44	0.21 -	6.90	1423.	57.	1.
2794	0000	-668	37.1954	81.6071	PPNR	1.0	1.7	6.9	1.70	0.25	6.92	1429.	56.	1.
2795	0000	-668	37.1954	81.6076	PPNR	1.0	2.1	6.7	2.20	0.32	6.88	1453.	55.	1.
2796	0000	-665	37.1954	81.6080	PPNR	1.0	2.3 +	6.2	2.30	0.36	6.31	1466.	54.	1.
2797	0000	-662	37.1953	81.6086	PPNR	1.0	2.3 +	6.2	2.30	0.38 +	6.08	1478.	52.	2.
2798	0000	-664	37.1953	81.6090	PPNR	1.0	2.3 +	6.3	2.34	0.37	6.35	1462.	53.	2.
2799	0000	-663	37.1953	81.6095	PPNR	1.1	2.3 +	6.1	2.20	0.38 +	5.84	1473.	53.	3.
2800	0000	-659	37.1953	81.6099	PPNR	1.1	2.3	6.3	2.03	0.36	5.67	1514.	51.	4.
2801	0000	-659	37.1952	81.6104	PPNR	1.2	2.0	6.8	1.72	0.30	5.82	1544.	52.	5.
2802	0000	-659	37.1952	81.6108	PPNR	1.2 +	1.8	6.8	1.47	0.27	5.47	1595.	51.	7.
2803	0000	-655	37.1952	81.6113	PPNR	1.3 +	1.8	7.5 +	1.40	0.24	5.78	1689.	51.	9.
2804	0000	-653	37.1952	81.6118	PPNR	1.3 +	1.8	8.0 +	1.38	0.23	6.03	1768.	50.	10.
2805	0000	-654	37.1952	81.6123	PPNR	1.4 +	1.6	8.2 +	1.14 -	0.20 -	5.75	1845.	49.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-653	37.1952	81.6127	PPNR	1.4 +	1.7	8.7 +	1.18 -	0.20 -	6.03	1903.	47.	12.
2807	0000	-650	37.1952	81.6132	PPNR	1.4 +	1.7	8.7 +	1.19 -	0.19 -	6.26	1922.	48.	11.
2808	0000	-648	37.1951	81.6137	PPNR	1.4 +	1.7	8.7 +	1.23 -	0.20 -	6.22	1934.	47.	11.
2809	0000	-647	37.1951	81.6142	PPNR	1.4 +	1.7	8.7 +	1.19 -	0.19 -	6.25	1922.	48.	9.
2810	0000	-644	37.1951	81.6147	PPNR	1.4 +	1.6	8.3 +	1.13 -	0.19 -	5.94	1889.	47.	8.
2811	0000	-640	37.1951	81.6151	PPNR	1.4 +	1.8	8.0 +	1.25 -	0.22	5.73	1863.	48.	6.
2812	0000	-641	37.1951	81.6156	PPNR	1.4 +	2.2	8.2 +	1.60	0.26	6.08	1849.	48.	4.
2813	0000	-640	37.1951	81.6160	PPNR	1.3 +	1.9	8.0 +	1.43	0.24	5.96	1824.	48.	4.
2814	0000	-637	37.1951	81.6165	PPNR	1.4 +	2.0	8.2 +	1.44	0.24	6.03	1800.	48.	4.
2815	0000	-637	37.1950	81.6170	PPNR	1.3 +	2.1	7.9 +	1.60	0.27	5.99	1794.	46.	4.
2816	0000	-636	37.1950	81.6175	PPNR	1.3 +	1.9	8.3 +	1.53	0.24	6.49	1768.	48.	4.
2817	0000	-630	37.1950	81.6179	PPNR	1.2	2.0	8.2 +	1.63	0.24	6.71	1727.	48.	5.
2818	0000	-629	37.1950	81.6184	PPNR	1.1	1.7	8.2 +	1.52	0.21	7.11	1688.	48.	6.
2819	0000	-631	37.1949	81.6188	PPNR	1.1	1.5	7.5 +	1.31 -	0.19 -	6.76	1615.	49.	7.
2820	0000	-630	37.1949	81.6193	PPNR	1.1	1.4	7.1	1.32 -	0.20 -	6.73	1554.	52.	8.
2821	0000	-629	37.1949	81.6197	PPNR	1.0	1.3	6.6	1.32 -	0.20 -	6.78	1503.	53.	8.
2822	0000	-627	37.1949	81.6202	PPNR	0.9	1.1 -	6.8	1.19 -	0.17 -	7.16	1449.	55.	9.
2823	0000	-624	37.1949	81.6207	PPNR	0.9	1.1 -	6.7	1.18 -	0.16 -	7.17	1429.	54.	9.
2824	0000	-625	37.1949	81.6212	PPNR	1.0	1.0 -	6.6	1.02 -	0.15 --	6.87	1435.	53.	9.
2825	0000	-626	37.1949	81.6217	PPNR	1.0	1.0 -	6.7	0.99 -	0.14 --	6.94	1424.	55.	9.
2826	0000	-623	37.1949	81.6221	PPNR	1.0	1.0 -	6.9	1.07 -	0.15 --	7.16	1429.	54.	9.
2827	0000	-624	37.1948	81.6226	PPNR	1.0	1.1 -	7.2	1.20 -	0.16 --	7.55	1434.	53.	9.
2828	0000	-626	37.1948	81.6231	PPNR	1.0	1.2	7.1	1.26 -	0.17 -	7.40	1423.	54.	9.
2829	0000	-623	37.1948	81.6236	PPNR	1.0	1.2	6.8	1.31 -	0.18 -	7.12	1433.	54.	9.
2830	0000	-622	37.1947	81.6240	PPNR	0.9	1.3	6.3	1.43	0.21 -	6.76	1431.	56.	8.
2831	0000	-621	37.1947	81.6245	PPNR	0.9	1.6	6.3	1.74	0.25	6.93	1418.	56.	8.
2832	0000	-618	37.1947	81.6249	PPNR	0.9	1.5	6.0	1.56	0.24	6.45	1412.	56.	7.
2833	0000	-617	37.1947	81.6254	PPNR	0.9	1.6	5.9	1.72	0.26	6.57	1396.	56.	6.
2834	0000	-618	37.1947	81.6259	PPNR	0.9	1.4	5.7	1.59	0.25	6.36	1367.	56.	6.
2835	0000	-617	37.1947	81.6264	PPNR	1.0	1.3	5.6	1.33	0.23	5.80	1342.	56.	5.
2836	0000	-615	37.1947	81.6268	PPNR	0.9	1.2 -	5.3	1.25 -	0.22	5.77	1259.	55.	5.
2837	0000	-613	37.1947	81.6273	PPNR	0.9	1.1 -	5.2	1.31 -	0.22	6.01	1183.	55.	5.
2838	0000	-611	37.1946	81.6277	PPNR	0.8	0.9 -	4.9	1.23 -	0.19 -	6.43	1111.	56.	5.
2839	0000	-610	37.1946	81.6282	PPNR	0.7	0.9 -	4.7	1.15 -	0.18 -	6.36	1067.	56.	6.
2840	0000	-610	37.1946	81.6287	PPP	0.8	0.8 -	4.4 -	1.00 -	0.17 -	5.74	1054.	57.	7.
2841	0000	-611	37.1946	81.6291	PPP	0.8	0.7 --	4.8 -	0.90 --	0.15 --	6.05	1082.	56.	7.
2842	0000	-610	37.1945	81.6297	PPP	0.8	0.9 -	5.6	1.07 -	0.16 --	6.89	1137.	54.	7.
2843	0000	-606	37.1945	81.6301	PPP	0.9	1.3 -	6.0	1.44	0.21 -	6.83	1247.	54.	7.
2844	0000	-604	37.1945	81.6306	PPP	1.0	1.5	6.2	1.48	0.24	6.10	1370.	52.	7.
2845	0000	-604	37.1945	81.6310	PPP	1.2	1.5	6.8	1.20 -	0.22	5.52	1494.	52.	6.
2846	1000	-603	37.1945	81.6315	PPP	1.3	1.7	7.2	1.35	0.24	5.57	1567.	51.	6.
2847	1000	-601	37.1945	81.6320	PPP	1.4	1.8	8.0 +	1.28 -	0.22	5.81	1621.	48.	5.
2848	1000	-601	37.1945	81.6325	PPP	1.4	2.1	7.7	1.55	0.28	5.61	1633.	47.	3.
2849	1000	-599	37.1944	81.6329	PPP	1.4	2.0	7.8	1.50	0.26	5.75	1629.	48.	3.
2850	0000	-596	37.1944	81.6334	PPP	1.4	1.9	7.7	1.40	0.25	5.68	1594.	49.	2.
2851	0000	-596	37.1944	81.6339	PPP	1.3	1.7	7.7	1.30 -	0.23	5.76	1550.	48.	1.
2852	0000	-595	37.1944	81.6343	PPP	1.2	2.0	7.3	1.63	0.27	6.02	1492.	47.	1.
2853	0000	-592	37.1943	81.6348	PPP	1.2	2.0	7.0	1.71	0.29	5.96	1487.	48.	0.
2854	0000	-590	37.1943	81.6353	PPP	1.2	2.1	6.8	1.80	0.31	5.79	1500.	48.	1.
2855	0000	-589	37.1943	81.6357	PPP	1.2	2.3	7.0	1.82	0.32	5.61	1567.	49.	1.
2856	0000	-588	37.1943	81.6362	PPP	1.3	2.6 +	6.6	2.00	0.39 +	5.06 -	1632.	48.	1.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-587	37.1942	81.6367	PPP	1.3	2.6 +	6.7	1.98	0.39 +	5.08 -	1675.	48.	1.
2858	0000	-584	37.1942	81.6371	PPP	1.3	2.6 +	6.5	2.07	0.40 +	5.14 -	1672.	49.	1.
2859	0000	-582	37.1942	81.6376	PPP	1.3	2.5 +	6.6	1.91	0.37 +	5.09 -	1681.	48.	1.
2860	0000	-581	37.1942	81.6380	PPP	1.3	2.3	6.8	1.82	0.34	5.31 -	1676.	47.	1.
2861	0000	-578	37.1942	81.6386	PPP	1.2	2.5 +	6.5	1.99	0.38 +	5.20 -	1642.	49.	0.
2862	0000	-578	37.1942	81.6390	PPP	1.2	2.2	6.4	1.86	0.35	5.31 -	1588.	50.	0.
2863	0000	-578	37.1942	81.6395	PPP	1.1	2.1	6.2	1.84	0.34	5.39	1555.	50.	0.
2864	0000	-575	37.1941	81.6399	PPP	1.2	1.9	6.3	1.63	0.30	5.36 -	1544.	51.	0.
2865	0000	-573	37.1941	81.6405	PPP	1.2	1.9	6.7	1.64	0.29	5.69	1573.	50.	1.
2866	0000	-574	37.1941	81.6409	PPP	1.2	1.9	7.1	1.66	0.27	6.06	1584.	50.	1.
2867	0000	-572	37.1941	81.6414	PPP	1.2	2.1	6.9	1.82	0.31	5.92	1580.	50.	1.
2868	0000	-571	37.1940	81.6418	PPP	1.2	1.9	7.1	1.60	0.27	5.97	1604.	49.	2.
2869	0000	-570	37.1940	81.6423	PPP	1.2	1.8	6.9	1.46	0.26	5.53	1620.	48.	2.
2870	0000	-569	37.1940	81.6427	PPP	1.2	2.0	6.9	1.64	0.29	5.59	1620.	47.	2.
2871	0000	-569	37.1940	81.6432	PPP	1.2	2.0	6.9	1.64	0.29	5.63	1642.	46.	2.
2872	0000	-569	37.1940	81.6437	PPP	1.3	2.0	6.6	1.59	0.30	5.28 -	1649.	50.	2.
2873	0000	-568	37.1940	81.6442	PPP	1.3	2.2	6.5	1.78	0.34	5.23 -	1669.	48.	2.
2874	0000	-566	37.1940	81.6447	PPP	1.3	2.2	6.9	1.75	0.33	5.38	1681.	50.	2.
2875	0000	-565	37.1939	81.6451	PPP	1.3	2.2	6.9	1.71	0.31	5.42	1687.	51.	2.
2876	0000	-563	37.1939	81.6456	PPP	1.2	2.2	6.9	1.78	0.31	5.69	1688.	50.	3.
2877	0000	-562	37.1939	81.6460	PPP	1.2	1.9	7.2	1.53	0.26	5.92	1691.	52.	3.
2878	0000	-563	37.1939	81.6465	PPNR	1.2	1.9	6.8	1.58	0.29	5.51	1672.	54.	4.
2879	0000	-561	37.1938	81.6470	PPNR	1.2	1.8	6.8	1.50	0.27	5.63	1636.	50.	6.
2880	0000	-559	37.1938	81.6474	PPNR	1.2	1.6	6.3	1.33	0.25	5.33 -	1593.	52.	6.
2881	0000	-559	37.1938	81.6479	PPNR	1.1	1.5	5.8	1.32 -	0.26	5.01 -	1545.	54.	6.
2882	0000	-558	37.1938	81.6484	PPNR	1.1	1.7	5.4	1.64	0.32	5.08 -	1503.	54.	6.
2883	0000	-556	37.1938	81.6488	PPNR	1.0	2.0	5.5	1.90	0.35	5.36 -	1465.	52.	5.
2884	0000	-556	37.1938	81.6494	PPNR	1.0	2.0	5.3	2.05	0.38 +	5.41	1415.	51.	4.
2885	0000	-556	37.1938	81.6498	PPNR	0.9	1.9	5.6	2.00	0.34	5.97	1382.	51.	3.
2886	0000	-553	37.1938	81.6503	PPNR	0.9	2.0	5.6	2.19	0.36	6.01	1366.	52.	1.
2887	0000	-551	37.1937	81.6507	PPNR	0.9	2.1	5.4	2.30	0.38 +	5.99	1347.	52.	1.
2888	0000	-550	37.1937	81.6512	PPNR	0.9	2.0	5.4	2.28	0.38 +	6.01	1329.	49.	1.
2889	0000	-548	37.1937	81.6517	PPNR	0.9	1.8	5.3	1.91	0.33	5.76	1300.	49.	1.
2890	0000	-549	37.1937	81.6521	PPNR	0.9	1.5	5.1	1.60	0.29	5.56	1252.	50.	2.
2891	0000	-549	37.1937	81.6526	PPNR	0.9	1.2	4.8	1.41	0.26	5.42	1196.	52.	3.
2892	0000	-547	37.1937	81.6531	PPNR	0.8	1.2	4.3 -	1.41	0.27	5.13 -	1139.	53.	5.
2893	0000	-548	37.1936	81.6536	PPNR	0.8	0.8 -	4.1 -	1.02 -	0.21 -	4.97 -	1071.	54.	7.
2894	0000	-549	37.1936	81.6540	PPNR	0.7	0.7 -	4.1 -	0.93 --	0.17 -	5.51	1001.	53.	8.
2895	0000	-547	37.1936	81.6545	PPNR	0.7	0.7 -	3.9 -	1.03 -	0.17 -	5.92	942.	54.	10.
2896	0000	-546	37.1936	81.6549	PPNR	0.6 -	0.7 -	3.7 -	1.22 -	0.18 -	6.58	884.	56.	12.
2897	0000	-547	37.1936	81.6554	PPNR	0.5 -	0.7 -	3.4 -	1.44	0.21 -	6.82	851.	56.	13.
2898	0000	-549	37.1935	81.6559	PPNR	0.4 -	0.9 -	3.2 -	2.12	0.30	7.20	824.	56.	13.
2899	0000	-547	37.1935	81.6564	PPL	0.4 --	0.7 --	3.1 --	1.95	0.24	8.09 ++	786.	56.	14.
2900	0000	-545	37.1935	81.6568	PPL	0.3 --	0.8 --	3.0 --	2.51 +	0.26	9.48 +++	765.	55.	14.
2901	0000	-545	37.1935	81.6573	PPL	0.3 --	0.8 --	2.8 --	2.50 +	0.30	8.37 ++	766.	57.	13.
2902	0000	-544	37.1935	81.6577	PPL	0.4 --	0.8 --	3.0 --	2.19 +	0.27	8.11 ++	773.	57.	12.
2903	0000	-541	37.1934	81.6583	PPL	0.4 --	0.8 --	3.2 --	1.90	0.24	7.88 ++	774.	54.	11.
2904	0000	-541	37.1934	81.6587	PPL	0.4 --	0.7 --	3.0 --	1.74	0.23	7.54 +	763.	55.	10.
2905	0000	-540	37.1934	81.6592	PPL	0.4 --	0.6 --	2.9 --	1.42	0.21	6.87 +	758.	54.	10.
2906	0000	-533	37.1934	81.6597	PPL	0.4 --	0.8 --	3.1 --	1.88	0.27	7.06 +	782.	53.	8.
2907	0000	-541	37.1934	81.6501	PPL	0.5 --	0.9 --	3.4 --	1.76	0.25	6.99 +	806.	54.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294 PAGE 685

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-540	37.1934	81.6606	PPL	0.5 -	0.9 --	3.6 --	1.69	0.24	7.19 +	829.	54.	6.
2909	0000	-537	37.1933	81.6610	PPL	0.5 -	0.8 --	3.7 -	1.47	0.22	6.82 +	866.	54.	6.
2910	0000	-536	37.1933	81.6615	PPNR	0.6 -	1.1 -	3.6 -	1.83	0.31	5.88	943.	56.	5.
2911	0000	-535	37.1933	81.6620	PPNR	0.7	1.2	4.3 -	1.67	0.29	5.81	1046.	56.	4.
2912	0000	-534	37.1933	81.6625	PPNR	0.9	1.2	5.2	1.41	0.23	5.98	1159.	56.	3.
2913	0000	-534	37.1933	81.6629	PPNR	1.0	1.2	5.2	1.15 -	0.23	5.02 -	1276.	57.	4.
2914	0000	-532	37.1932	81.6634	PPNR	1.1	1.4	5.4	1.24 -	0.26	4.76 -	1395.	58.	4.
2915	0000	-530	37.1932	81.6638	PPNR	1.2	1.6	5.7	1.32 -	0.29	4.59 -	1516.	56.	4.
2916	0000	-529	37.1932	81.6643	PPNR	1.3 +	1.8	5.7	1.37	0.31	4.44 --	1570.	57.	5.
2917	0000	-529	37.1932	81.6648	PPNR	1.3 +	1.7 -	6.3	1.31 -	0.27	4.89 -	1589.	56.	5.
2918	0000	-529	37.1932	81.6653	PPL	1.2	1.7	5.9	1.38	0.29	4.77 -	1554.	57.	5.
2919	0000	-526	37.1932	81.6657	PPL	1.2	1.9 +	5.4	1.62	0.36 +	4.54 -	1521.	59.	5.
2920	0000	-525	37.1931	81.6662	PPL	1.1	2.0 +	5.4	1.82	0.36 +	5.04 -	1438.	58.	5.
2921	0000	-527	37.1931	81.6666	PPL	1.0	1.8	5.1	1.86	0.35 +	5.25	1331.	58.	4.
2922	0000	-524	37.1931	81.6672	PPL	0.9	1.6	4.9	1.88	0.33	5.74	1210.	58.	4.
2923	0000	-522	37.1931	81.6677	PPL	0.8	1.5	4.8 -	1.92	0.31	6.21	1136.	56.	3.
2924	0000	-524	37.1931	81.6681	PPL	0.7 -	1.3	4.1 -	1.82	0.32	5.73	1079.	56.	4.
2925	0000	-524	37.1931	81.6686	PPL	0.7 -	1.3	4.4 -	2.04	0.30	6.74	1052.	56.	3.
2926	0000	-523	37.1931	81.6690	PPL	0.6 -	1.3	4.4 -	2.06	0.30	6.77	1028.	53.	3.
2927	0000	-522	37.1931	81.6695	PPL	0.6 -	1.4	4.3 -	2.40 +	0.34	7.13 +	1029.	55.	2.
2928	0000	-520	37.1930	81.6700	PPL	0.6 -	1.6	4.4 -	2.78 +	0.37 +	7.46 +	1048.	54.	2.
2929	0000	-520	37.1930	81.6704	PPL	0.6 -	1.8	4.2 -	2.88 ++	0.43 ++	6.75	1073.	55.	2.
2930	0000	-518	37.1930	81.6709	PPL	0.7 -	1.9	4.4 -	2.83 ++	0.43 ++	6.54	1110.	54.	1.
2931	0000	-515	37.1930	81.6714	PPL	0.7 -	1.9	4.7 -	2.72 +	0.40 +	6.78	1138.	56.	1.
2932	0000	-516	37.1929	81.6718	PPL	0.7 -	1.8	4.6 -	2.47 +	0.39 +	6.31	1159.	56.	1.
2933	0000	-517	37.1929	81.6723	PPL	0.7 -	1.7	4.8	2.33 +	0.35 +	6.67	1177.	56.	1.
2934	0000	-515	37.1929	81.6727	PPL	0.7 -	1.7	5.3	2.33 +	0.32	7.18 +	1190.	55.	1.
2935	0000	-513	37.1929	81.6732	PPL	0.7 -	1.5	5.4	2.05	0.28	7.25 +	1189.	55.	1.
2936	0000	-511	37.1929	81.6737	PPL	0.7 -	1.6	5.4	2.12 +	0.29	7.24 +	1194.	56.	1.
2937	0000	-510	37.1929	81.6742	PPL	0.8	1.5	5.1	1.96	0.30	6.52	1190.	60.	1.
2938	0000	-511	37.1929	81.6747	PPL	0.8	1.7	5.1	2.17 +	0.33	6.53	1206.	59.	0.
2939	0000	-511	37.1928	81.6751	PPL	0.8	1.8	5.1	2.23 +	0.35 +	6.42	1246.	57.	0.
2940	0000	-509	37.1928	81.6756	PPL	0.8	1.7	5.0	1.97	0.33	5.93	1247.	58.	1.
2941	0000	-506	37.1928	81.6760	PPL	0.9	1.6	4.8 -	1.84	0.34 +	5.40	1257.	58.	1.
2942	0000	-506	37.1928	81.6766	PPL	0.9	1.8	5.0	2.15 +	0.37 +	5.82	1280.	60.	1.
2943	0000	-506	37.1927	81.6770	PPL	0.9	1.8	5.2	1.99	0.35 +	5.72	1335.	57.	2.
2944	0000	-506	37.1927	81.6775	PPL	0.9	1.8	5.9	1.93	0.30	6.45	1376.	57.	2.
2945	0000	-504	37.1927	81.6779	PPL	0.9	1.7	5.8	1.81	0.30	6.10	1383.	60.	2.
2946	0000	-503	37.1927	81.6784	PPL	0.9	1.6	5.6	1.77	0.29	6.10	1349.	62.	3.
2947	0000	-502	37.1927	81.6789	PPL	0.9	1.7	5.4	1.91	0.31	6.13	1329.	63.	4.
2948	0000	-503	37.1927	81.6794	PPL	0.9	1.5	5.5	1.70	0.27	6.19	1314.	64.	5.
2949	0000	-502	37.1927	81.6798	PPL	0.9	1.4	5.0	1.55	0.29	5.36	1305.	63.	6.
2950	0000	-501	37.1926	81.6803	PPL	1.0	1.3	5.5	1.34	0.24	5.61	1306.	64.	7.
2951	0000	-500	37.1926	81.6807	PPL	1.0	1.4	5.9	1.46	0.24	6.12	1322.	60.	7.
2952	0000	-499	37.1926	81.6812	PPL	1.0	1.6	6.0	1.61	0.26	6.23	1351.	59.	7.
2953	0000	-498	37.1926	81.6817	PPL	1.0	1.7	6.8	1.70	0.26	6.65	1429.	56.	6.
2954	0000	-498	37.1925	81.6821	PPL	1.1	1.9 +	7.4 +	1.75	0.26	6.67	1532.	53.	5.
2955	0000	-497	37.1925	81.6826	PPL	1.2	2.2 +	7.3 +	1.88	0.30	6.35	1585.	49.	4.
2956	0000	-497	37.1925	81.6831	PPL	1.2	2.0 +	7.9 +	1.63	0.25	6.52	1605.	48.	3.
2957	0000	-496	37.1925	81.6836	PPL	1.1	2.2 +	7.2 +	1.93	0.30	6.43	1580.	49.	2.
2958	0000	-494	37.1925	81.6840	PPL	1.1	2.2 +	6.8	2.00	0.32	6.31	1542.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-493	37.1925	81.6845	PPL	1.0	2.0 +	6.6	1.95	0.31	6.31	1503.	52.	2.
2960	0000	-492	37.1924	81.6849	PPL	1.0	1.8	6.2	1.81	0.30	6.08	1457.	55.	2.
2961	0000	-490	37.1924	81.6855	PPL	1.0	1.6	6.1	1.63	0.27	6.13	1411.	57.	3.
2962	0000	-490	37.1924	81.6859	PPL	1.0	1.6	6.1	1.65	0.26	6.44	1393.	57.	2.
2963	0000	-489	37.1924	81.6864	PPL	0.9	1.8	5.9	1.93	0.30	6.40	1411.	57.	2.
2964	0000	-485	37.1924	81.6868	PPL	1.0	1.5	6.3	1.60	0.25	6.52	1416.	58.	3.
2965	0000	-486	37.1923	81.6873	PPL	1.0	1.5	6.1	1.46	0.24	6.10	1418.	56.	3.
2966	0000	-487	37.1923	81.6878	PPL	1.0	1.3	6.1	1.33	0.22	6.13	1401.	56.	4.
2967	0000	-486	37.1923	81.6883	PPL	1.0	1.3	6.0	1.36	0.22	6.09	1367.	55.	5.
2968	0000	-484	37.1923	81.6887	PPL	0.9	1.3	5.8	1.38	0.22	6.20	1329.	56.	5.
2969	0000	-483	37.1922	81.6892	PPL	0.9	1.4	5.8	1.53	0.24	6.49	1320.	56.	6.
2970	0000	-483	37.1922	81.6896	PPL	0.9	1.2 -	5.8	1.35	0.21	6.48	1310.	58.	8.
2971	0000	-483	37.1922	81.6901	PPL	0.9	1.4	6.1	1.51	0.23	6.54	1349.	56.	8.
2972	0000	-481	37.1922	81.6906	PPL	1.1	1.3	6.4	1.17 -	0.20 -	5.90	1441.	58.	10.
2973	0000	-482	37.1922	81.6911	PPL	1.2	1.5	7.0	1.27	0.22	5.82	1579.	59.	10.
2974	0000	-483	37.1922	81.6915	PPL	1.3 +	1.5	7.5 +	1.13 -	0.20 -	5.61	1707.	57.	12.
2975	0000	-480	37.1922	81.6920	PPL	1.5 +	1.7	8.1 +	1.14 -	0.20 -	5.61	1827.	57.	12.
2976	0000	-479	37.1922	81.6925	PPL	1.6 ++	1.7	8.6 ++	1.09 -	0.20 -	5.51	1923.	57.	13.
2977	0000	-478	37.1921	81.6929	PPL	1.7 ++	1.7	8.7 ++	1.02 -	0.20 -	5.22	2012.	58.	14.
2978	0000	-475	37.1921	81.6934	PPL	1.7 ++	1.8	8.7 ++	1.08 -	0.21	5.16 -	2062.	56.	14.
2979	0000	-474	37.1921	81.6938	PPL	1.6 ++	1.9 +	8.8 ++	1.18	0.22	5.41	2049.	54.	14.
2980	0000	-474	37.1920	81.6944	PPL	1.6 ++	1.9	8.7 ++	1.18	0.21	5.54	1999.	54.	13.
2981	0000	-471	37.1920	81.6948	PPL	1.6 ++	1.8	8.3 ++	1.14 -	0.22	5.26	1952.	54.	13.
2982	0000	-470	37.1920	81.6953	PPL	1.6 ++	1.7	7.8 +	1.04 -	0.21	4.90 -	1903.	54.	13.
2983	0000	-470	37.1920	81.6957	PPL	1.6 ++	1.5	7.8 +	0.94 -	0.19 -	4.99 -	1854.	58.	12.
2984	0000	-468	37.1920	81.6962	PPL	1.5 ++	1.7	7.4 +	1.11 -	0.23	4.78 -	1811.	58.	11.
2985	0000	-467	37.1920	81.6967	PPL	1.6 ++	1.4	7.6 +	0.90 -	0.18 -	4.90 -	1786.	60.	11.
2986	0000	-468	37.1920	81.6972	PPL	1.6 ++	1.6	7.6 +	1.02 -	0.21	4.89 -	1793.	64.	10.
2987	0000	-469	37.1920	81.6977	PPL	1.5 ++	1.5	7.4 +	1.00 -	0.21	4.80 -	1754.	63.	8.
2988	0000	-467	37.1919	81.6981	PPL	1.4 +	1.6	7.5 +	1.12 -	0.21	5.23	1706.	64.	7.
2989	0000	-465	37.1919	81.6986	PPL	1.3 +	1.6	7.5 +	1.25	0.22	5.72	1651.	62.	6.
2990	0000	-464	37.1919	81.6990	PPL	1.3	1.6	6.8	1.27	0.23	5.41	1576.	62.	6.
2991	0000	-464	37.1919	81.6995	PPL	1.1	1.3	6.9	1.20	0.19 -	6.26	1486.	58.	6.
2992	0000	-464	37.1918	81.7000	PPL	1.0	1.4	6.3	1.38	0.22	6.32	1374.	60.	6.
2993	0000	-462	37.1918	81.7004	PPL	0.9	1.2 -	5.6	1.37	0.21	6.41	1259.	57.	5.
2994	0000	-461	37.1918	81.7009	PPL	0.8	1.0 -	5.5	1.24	0.19 -	6.60	1200.	56.	6.
2995	0000	-462	37.1918	81.7014	PPL	0.8	1.0 -	5.0	1.29	0.20 -	6.43	1146.	58.	6.
2996	0000	-462	37.1918	81.7018	PPL	0.8	1.0 -	5.0	1.20	0.20 -	6.06	1131.	58.	5.
2997	0000	-461	37.1918	81.7023	PPL	0.8	1.0 -	5.1	1.17 -	0.19 -	6.10	1150.	58.	4.
2998	0000	-462	37.1918	81.7027	PPL	0.8	1.3	4.9	1.50	0.26	5.76	1206.	59.	4.
2999	0000	-462	37.1917	81.7032	PPL	0.9	1.3	5.3	1.47	0.25	5.87	1292.	58.	3.
3000	0000	-460	37.1917	81.7037	PPL	1.0	1.2 -	6.1	1.20	0.20 -	5.93	1366.	59.	3.
3001	0000	-459	37.1917	81.7042	PPL	1.1	1.5	6.3	1.41	0.25	5.76	1421.	60.	3.
3002	0000	-460	37.1917	81.7046	PPL	1.2	1.6	6.5	1.42	0.25	5.57	1492.	59.	3.
3003	0000	-458	37.1916	81.7052	PPL	1.2	1.8	6.6	1.57	0.27	5.73	1533.	59.	3.
3004	0000	-458	37.1916	81.7056	PPL	1.1	2.0 +	6.6	1.75	0.30	5.77	1555.	55.	4.
3005	0000	-457	37.1916	81.7061	PPL	1.1	1.8	6.7	1.64	0.27	6.15	1526.	54.	6.
3006	0000	-455	37.1916	81.7066	PPL	1.0	1.7	6.1	1.64	0.28	5.91	1456.	53.	7.
3007	0000	-455	37.1916	81.7070	PPL	1.0	1.9	5.7	1.96	0.32	6.02	1401.	52.	7.
3008	0000	-454	37.1916	81.7075	PPL	0.9	1.6	5.4	1.70	0.29	5.91	1366.	54.	9.
3009	0000	-452	37.1916	81.7079	PPL	0.9	1.5	5.5	1.81	0.28	6.48	1339.	53.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-453	37.1915	81.7084	PPL	0.9	1.4	5.3	1.67	0.27	6.11	1310.	54.	9.
3011	0000	-452	37.1915	81.7089	PPL	0.9	1.3	5.3	1.43	0.24	6.06	1300.	56.	8.
3012	0000	-451	37.1915	81.7094	PPL	1.0	1.2 -	5.2	1.28	0.24	5.34	1316.	57.	8.
3013	0000	-452	37.1915	81.7098	PPL	1.0	1.3	5.7	1.35	0.23	5.80	1349.	56.	7.
3014	0000	-451	37.1914	81.7103	PPL	1.0	1.3	5.7	1.33	0.23	5.75	1352.	56.	7.
3015	0000	-449	37.1914	81.7107	PPL	1.0	1.3	5.9	1.33	0.22	5.97	1373.	54.	5.
3016	0000	-450	37.1914	81.7112	PPL	1.0	1.2 -	5.8	1.16 -	0.20 -	5.70	1366.	55.	6.
3017	0000	-448	37.1914	81.7117	PPL	1.0	1.4	6.0	1.39	0.22	6.21	1384.	59.	6.
3018	0000	-447	37.1914	81.7121	PPL	1.0	1.5	6.2	1.56	0.24	6.44	1384.	57.	6.
3019	0000	-445	37.1914	81.7126	PPL	0.9	1.6	6.1	1.67	0.26	6.51	1376.	56.	5.
3020	0000	-445	37.1914	81.7131	PPL	0.9	1.5	5.8	1.66	0.27	6.25	1367.	58.	6.
3021	0000	-446	37.1914	81.7136	PPL	0.9	1.6	5.9	1.71	0.27	6.28	1370.	57.	5.
3022	0000	-444	37.1913	81.7141	PPL	0.9	1.7	5.9	1.87	0.29	6.36	1370.	57.	4.
3023	0000	-441	37.1913	81.7146	PPL	0.9	1.7	6.0	1.79	0.28	6.39	1365.	56.	4.
3024	0000	-442	37.1913	81.7150	PPL	0.9	1.6	5.9	1.70	0.27	6.32	1336.	52.	3.
3025	0000	-440	37.1912	81.7155	PPL	0.9	1.7	5.7	1.85	0.29	6.37	1312.	53.	3.
3026	0000	-438	37.1912	81.7159	PPL	0.9	1.6	5.7	1.89	0.29	6.58	1275.	55.	2.
3027	0000	-438	37.1912	81.7164	PPL	0.8	1.6	5.7	1.97	0.28	6.97 +	1230.	55.	2.
3028	0000	-439	37.1912	81.7168	PPL	0.8	1.5	5.5	1.97	0.27	7.25 +	1192.	55.	2.
3029	0000	-439	37.1912	81.7173	PPL	0.7 -	1.5	5.0	2.11 +	0.30	7.01 +	1138.	56.	2.
3030	0000	-438	37.1912	81.7178	PPL	0.7 -	1.7	4.7 -	2.47 +	0.35 +	7.02 +	1119.	56.	2.
3031	0000	-435	37.1912	81.7182	PPL	0.7 -	1.7	4.9	2.55 +	0.35 +	7.32 +	1117.	57.	3.
3032	0000	-436	37.1912	81.7187	PPL	0.7 -	1.9 +	5.0	2.90 ++	0.38 +	7.58 +	1136.	56.	3.
3033	0000	-434	37.1911	81.7192	PPL	0.7 -	1.9	5.1	2.75 +	0.37 +	7.42 +	1192.	55.	3.
3034	0000	-430	37.1911	81.7196	PPL	0.7 -	2.1 +	5.3	2.87 ++	0.39 +	7.43 +	1237.	53.	3.
3035	0000	-430	37.1911	81.7201	PPL	0.8	2.0 +	5.7	2.59 +	0.35 +	7.35 +	1301.	54.	3.
3036	0000	-430	37.1911	81.7206	PPL	0.8	2.1 +	5.8	2.65 +	0.37 +	7.24 +	1350.	53.	3.
3037	0000	-427	37.1911	81.7211	PPL	0.8	2.2 +	6.0	2.60 +	0.36 +	7.17 +	1393.	54.	4.
3038	0000	-425	37.1911	81.7216	PPL	0.9	2.1 +	6.1	2.48 +	0.34 +	7.22 +	1429.	53.	4.
3039	0000	-425	37.1911	81.7221	PPL	0.9	1.7	6.4	1.85	0.27	6.96 +	1450.	53.	5.
3040	0000	-425	37.1911	81.7226	PPL	1.0	1.7	6.7	1.76	0.25	7.00 +	1457.	53.	5.
3041	0000	-423	37.1911	81.7230	PPL	1.0	1.5	6.8	1.45	0.22	6.69	1476.	56.	6.
3042	0000	-421	37.1912	81.7235	PPL	1.0	1.6	6.9	1.54	0.23	6.66	1480.	54.	5.
3043	0000	-422	37.1912	81.7240	PPL	1.0	1.5	7.5 +	1.43	0.20 -	7.28 +	1485.	53.	6.
3044	0000	-422	37.1912	81.7245	PPL	1.0	1.4	7.5 +	1.46	0.19 -	7.55 +	1465.	50.	7.
3045	0000	-419	37.1912	81.7249	PPL	1.0	1.5	7.2 +	1.51	0.21 -	7.31 +	1432.	50.	7.
3046	0000	-418	37.1912	81.7255	PPL	0.9	1.5	7.0	1.60	0.21	7.49 +	1392.	51.	6.
3047	0000	-419	37.1913	81.7260	PPL	0.9	1.5	6.7	1.67	0.22	7.51 +	1343.	52.	6.
3048	0000	-418	37.1913	81.7265	PPL	0.8	1.7	6.2	2.04	0.27	7.59 +	1306.	50.	6.
3049	0000	-416	37.1913	81.7269	PPL	0.8	1.7	5.5	2.22 +	0.32	7.05 +	1258.	50.	5.
3050	0000	-416	37.1913	81.7274	PPL	0.7 -	1.7	5.0	2.30 +	0.34 +	6.73	1216.	52.	5.
3051	0000	-416	37.1913	81.7279	PPL	0.8 -	1.8	4.7 -	2.33 +	0.37 +	6.24	1205.	53.	4.
3052	0000	-414	37.1914	81.7284	PPL	0.8	1.8	4.8	2.39 +	0.38 +	6.20	1224.	52.	4.
3053	0000	-413	37.1914	81.7289	PPL	0.8	1.9	5.0	2.24 +	0.37 +	5.99	1256.	53.	4.
3054	0000	-414	37.1914	81.7294	PPL	0.9	1.7	5.2	1.93	0.33	5.79	1296.	52.	5.
3055	0000	-413	37.1914	81.7299	PPL	0.9	1.6	5.7	1.69	0.28	6.01	1317.	52.	5.
3056	0000	-412	37.1914	81.7303	PPL	1.0	1.4	6.5	1.43	0.21	6.77	1364.	52.	6.
3057	0000	-412	37.1914	81.7308	PPL	1.0	1.3	6.9	1.32	0.19 -	6.82 +	1423.	52.	6.
3058	0000	-411	37.1915	81.7313	PPL	1.1	1.2 -	7.2 +	1.15 -	0.17 -	6.76	1473.	53.	7.
3059	0000	-411	37.1915	81.7318	PPL	1.1	0.9 -	7.6 +	0.86 --	0.13 --	6.86 +	1513.	54.	8.
3060	0000	-410	37.1915	81.7322	PPL	1.2	0.8 --	7.8 +	0.64 ---	0.10 --	6.59	1525.	55.	8.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-408	37.1915	81.7328	PPL	1.2	0.8 --	7.4 +	0.69 --	0.11 --	6.21	1531.	53.	8.
3062	0000	-409	37.1915	81.7332	PPL	1.2	0.8 --	7.2 +	0.71 --	0.12 --	6.03	1551.	54.	9.
3063	0000	-408	37.1916	81.7337	PPL	1.2	1.0 -	7.2 +	0.83 --	0.14 --	5.86	1579.	54.	9.
3064	0000	-405	37.1916	81.7342	PPL	1.3 +	1.0 -	7.3 +	0.76 --	0.14 --	5.56	1599.	55.	9.
3065	0000	-405	37.1916	81.7347	PPL	1.3 +	1.2 -	7.3 +	0.91 -	0.16 -	5.58	1598.	55.	9.
3066	0000	-404	37.1916	81.7352	PPL	1.3 +	1.5	6.7	1.13 -	0.22	5.12 -	1569.	56.	8.
3067	0000	-401	37.1916	81.7356	PPL	1.3	1.6	6.5	1.29	0.25	5.13 -	1559.	56.	7.
3068	0000	-400	37.1917	81.7361	PPL	1.2	1.8	6.5	1.42	0.27	5.20	1547.	56.	5.
3069	0000	-400	37.1917	81.7367	PPL	1.2	1.8	6.4	1.50	0.29	5.20	1518.	55.	4.
3070	0000	-400	37.1917	81.7372	PPL	1.2	2.1 +	5.9	1.77	0.35 +	5.07 -	1446.	55.	3.
3071	0000	-399	37.1917	81.7376	PPL	1.0	2.1 +	5.4	1.98	0.38 +	5.22	1365.	55.	2.
3072	0000	-399	37.1917	81.7381	PPL	1.0	1.8	5.2	1.83	0.34 +	5.32	1290.	53.	2.
3073	0000	-400	37.1917	81.7386	PPL	0.9	1.6	5.0	1.80	0.32	5.64	1224.	55.	2.
3074	0000	-398	37.1918	81.7391	PPNG	0.8 -	1.6	4.5 -	1.97 +	0.35 +	5.56	1150.	55.	2.
3075	0000	-398	37.1918	81.7395	PPNG	0.7 -	1.4	4.3 -	1.83 +	0.31	5.83	1074.	59.	3.
3076	0000	-399	37.1918	81.7400	PPNG	0.7 -	1.3	4.1 -	1.75	0.30	5.73	1021.	60.	4.
3077	0000	-399	37.1918	81.7406	PPNG	0.7 -	1.1 -	3.9 --	1.52	0.28	5.44	993.	61.	5.
3078	0000	-398	37.1918	81.7410	PPNG	0.7 -	1.2	3.6 --	1.63	0.32 +	5.06	969.	62.	5.
3079	0000	-397	37.1919	81.7415	PPNG	0.7 -	1.2	3.6 --	1.68	0.33 +	5.06	956.	64.	5.
3080	0000	-396	37.1919	81.7420	PPNG	0.8 -	1.0 -	3.7 --	1.26	0.26	4.80 -	963.	63.	6.
3081	0000	-396	37.1919	81.7425	PPNG	0.8 -	1.0 -	4.1 -	1.24	0.24	5.11	988.	64.	5.
3082	0000	-396	37.1919	81.7430	PPNG	0.8 -	1.3	4.5 -	1.55	0.28	5.50	1024.	63.	5.
3083	0000	-395	37.1919	81.7435	PPNG	0.9 -	1.3	4.7 -	1.47	0.27	5.46	1062.	65.	4.
3084	0000	-394	37.1920	81.7439	PPL	0.9	1.3	4.6 -	1.43	0.28	5.15 -	1090.	66.	4.
3085	0000	-396	37.1920	81.7444	PPL	0.9	1.2 -	4.8 -	1.26	0.25	5.12 -	1137.	67.	4.
3086	0000	-396	37.1920	81.7449	PPL	1.0	1.3	4.7 -	1.34	0.28	4.84 -	1164.	67.	3.
3087	0000	-393	37.1920	81.7454	PPL	1.0	1.5	4.4 -	1.57	0.34 +	4.62 -	1197.	67.	3.
3088	0000	-394	37.1920	81.7458	PPL	0.9	1.6	4.4 -	1.73	0.36 +	4.75 -	1226.	66.	3.
3089	0000	-393	37.1920	81.7464	PPL	1.0	1.5	4.5 -	1.49	0.33	4.49 --	1256.	64.	2.
3090	0000	-388	37.1921	81.7468	PPL	1.0	1.4	4.4 -	1.37	0.32	4.33 --	1277.	63.	3.
3091	0000	-387	37.1921	81.7474	PPL	1.1	1.3	4.9	1.18	0.26	4.50 -	1304.	61.	2.
3092	0000	-388	37.1921	81.7479	PPL	1.1	1.4	5.2	1.20	0.27	4.50 -	1326.	61.	3.
3093	0000	-385	37.1921	81.7483	PPL	1.1	1.6	5.5	1.38	0.28	4.87 -	1376.	59.	4.
3094	0000	-384	37.1921	81.7488	PPL	1.2	1.6	6.1	1.34	0.26	5.22	1424.	55.	4.
3095	0000	-383	37.1922	81.7493	PPL	1.2	1.2 -	6.1	0.99 +	0.20 -	4.91 -	1464.	55.	6.
3096	0000	-382	37.1922	81.7498	PPL	1.3	1.2 -	6.5	0.96 -	0.19 -	5.16	1506.	55.	7.
3097	0000	-381	37.1922	81.7502	PPL	1.3	1.3	6.7	1.02 -	0.20 -	5.25	1556.	53.	7.
3098	0000	-378	37.1922	81.7507	PPL	1.3 +	1.4	6.7	1.06 -	0.20 -	5.21	1628.	51.	8.
3099	0000	-375	37.1922	81.7513	PPL	1.3 +	1.5	7.2 +	1.14 -	0.21	5.39	1698.	48.	7.
3100	0000	-375	37.1923	81.7518	PPL	1.4 +	1.5	7.3 +	1.07 -	0.20 -	5.25	1724.	50.	7.
3101	0000	-374	37.1923	81.7522	PPL	1.4 +	1.6	7.2 +	1.13 -	0.22	5.19	1713.	54.	5.
3102	0000	-373	37.1923	81.7527	PPL	1.3 +	1.7	7.0	1.27	0.24	5.18	1689.	53.	4.
3103	0000	-374	37.1923	81.7532	PPL	1.3 +	1.8	6.7	1.35	0.27	4.96 -	1646.	53.	3.
3104	0000	-372	37.1923	81.7537	PPL	1.3	1.8	6.7	1.41	0.27	5.31	1577.	54.	3.
3105	0000	-372	37.1923	81.7542	PPL	1.2	1.7	6.4	1.49	0.27	5.52	1477.	55.	1.
3106	0000	-373	37.1924	81.7546	PPL	1.0	1.6	5.5	1.52	0.28	5.38	1356.	56.	1.
3107	0000	-371	37.1924	81.7552	PPL	0.9	1.4	5.1	1.49	0.27	5.44	1245.	56.	1.
3108	0000	-370	37.1924	81.7556	PPL	0.9	1.3	4.9	1.47	0.27	5.54	1167.	55.	2.
3109	0000	-370	37.1924	81.7561	PPL	0.8	1.6	4.6 -	1.96	0.34 +	5.73	1115.	58.	1.
3110	0000	-368	37.1924	81.7566	PPL	0.7 -	1.5	4.5 -	2.15 +	0.35 +	6.23	1101.	59.	2.
3111	0000	-367	37.1925	81.7570	PPL	0.8	1.7	4.4 -	2.13 +	0.40 +	5.64	1133.	59.	2.

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T	T / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-367	37.1925	81.7576	PPL	0.8	2.0 +	4.4 -	2.46 +	0.45 --	5.51	1164.	59.	2.
3113	0000	-366	37.1925	81.7580	PPL	0.9	1.9 +	4.9	2.24 +	0.43 -	5.41	1226.	60.	2.
3114	0000	-365	37.1925	81.7585	PPL	0.9	1.9	5.0	2.02	0.37 -	5.41	1397.	61.	4.
3115	0000	-367	37.1925	81.7590	PPL	1.0	2.0 +	5.2	1.96	0.38 -	5.22	1376.	62.	3.
3116	0000	-365	37.1926	81.7595	PPL	1.1	1.9	5.7	1.73	0.33	5.21	1425.	60.	3.
3117	0000	-362	37.1926	81.7600	PPL	1.1	2.0 +	5.5	1.80	0.37 +	4.84 -	1447.	58.	4.
3118	0000	-364	37.1926	81.7605	PPL	1.1	2.0 +	5.5	1.81	0.37 +	4.85 -	1444.	58.	5.
3119	0000	-364	37.1926	81.7609	PPL	1.1	1.8	5.4	1.57	0.33	4.78 -	1458.	62.	6.
3120	0000	-361	37.1926	81.7614	PPL	1.1	1.8	5.3	1.53	0.33	4.80 -	1463.	61.	8.
3121	0000	-361	37.1926	81.7619	PPL	1.1	1.8	5.4	1.65	0.34 +	4.85 -	1468.	61.	9.
3122	0000	-363	37.1927	81.7625	PPL	1.1	1.7	5.6	1.54	0.30	4.88	1458.	60.	10.
3123	0000	-362	37.1927	81.7629	PPL	1.1	1.5	5.5	1.42	0.27	4.94	1452.	58.	11.
3124	0000	-361	37.1927	81.7634	PPL	1.1	1.3	6.0	1.15 -	0.21	5.42	1473.	58.	12.
3125	0000	-359	37.1927	81.7639	PPL	1.2	1.3	5.6	1.11 -	0.23	4.84 -	1491.	58.	12.
3126	0000	-356	37.1927	81.7644	PPL	1.1	1.4	5.8	1.30	0.26	5.08 -	1505.	58.	12.
3127	0000	-356	37.1928	81.7648	PPL	1.2	1.7	6.2	1.46	0.29	5.34	1535.	58.	11.
3128	0000	-358	37.1928	81.7653	PPL	1.3	1.8	6.7	1.42	0.26	5.35	1576.	57.	10.
3129	0000	-358	37.1928	81.7658	PPL	1.3 +	1.9	6.4	1.44	0.29	4.90 -	1602.	57.	9.
3130	0000	-358	37.1928	81.7664	PPL	1.3 +	2.2 +	6.7	1.65	0.33	4.99 -	1647.	58.	7.
3131	0000	-355	37.1928	81.7668	PPL	1.4 +	2.1 +	6.9	1.56	0.31	5.01 -	1669.	58.	6.
3132	0000	-353	37.1929	81.7673	PPL	1.4 +	2.1 +	7.4 +	1.55	0.31	5.04	1678.	57.	5.
3133	0000	-353	37.1929	81.7678	PPL	1.4 +	2.1 +	7.6 +	1.55	0.31	5.53	1672.	55.	3.
3134	0000	-351	37.1929	81.7683	PPL	1.3 +	2.0 +	7.4 +	1.58	0.31	5.55	1641.	55.	3.
3135	0000	-349	37.1929	81.7687	PPL	1.3	1.9 +	7.1	1.50	0.30	5.66	1597.	54.	2.
3136	0000	-349	37.1929	81.7692	PPNG	1.2	2.0	7.1	1.55	0.28	5.86	1563.	54.	2.
3137	0000	-349	37.1929	81.7697	PPNG	1.1	1.8	6.5	1.51	0.28	5.83	1493.	53.	3.
3138	0000	-347	37.1930	81.7702	PPNG	1.0	1.8	6.0	1.71	0.30	5.68	1431.	54.	4.
3139	0000	-345	37.1930	81.7707	PPNG	1.0	1.7	5.8	1.69	0.28	5.86	1377.	55.	4.
3140	0000	-345	37.1930	81.7712	PPNG	0.9	1.6	5.6	1.70	0.28	5.92	1327.	57.	5.
3141	0000	-344	37.1930	81.7717	PPNG	0.9	1.6	5.3	1.83 -	0.31	5.97	1284.	54.	6.
3142	0000	-341	37.1930	81.7721	PPNG	0.9	1.6	4.9 -	1.75	0.32 +	5.48	1265.	55.	6.
3143	0000	-340	37.1931	81.7726	PPNG	0.9	1.6	5.1	1.77	0.31	5.76	1276.	56.	6.
3144	0000	-341	37.1931	81.7732	PPNG	0.9	1.7	5.5	1.92 +	0.34	5.67 +	1282.	55.	5.
3145	0000	-341	37.1931	81.7736	PPNG	0.9	1.8	5.8	1.94 +	0.31	6.32 +	1293.	54.	4.
3146	0000	-339	37.1931	81.7741	PPNG	0.9	1.9	5.5	2.12 +	0.34 +	6.16 +	1291.	51.	3.
3147	0000	-339	37.1931	81.7746	PPNG	0.9	2.0	5.1	2.27 ++	0.40 ++	5.68	1289.	51.	2.
3148	0000	-337	37.1932	81.7751	PPNG	1.0	1.9	5.2	2.00 +	0.37 +	5.41	1278.	54.	2.
3149	0000	-336	37.1932	81.7755	PPNG	0.9	2.0	5.1	2.12 +	0.38 ++	5.52	1263.	54.	2.
3150	0000	-337	37.1932	81.7760	PPNG	0.9	2.0	4.8 -	2.20 ++	0.42 ++	5.23	1259.	54.	2.
3151	0000	-337	37.1932	81.7765	PPNG	1.0	1.8	4.6 -	1.87 +	0.40 ++	4.65 -	1284.	53.	3.
3152	0000	-335	37.1932	81.7771	PPNG	1.0	2.0	4.7 -	2.07 +	0.43 ++	4.85	1301.	54.	4.
3153	0000	-335	37.1932	81.7775	PPNG	1.0	1.8	5.1	1.84 +	0.36 +	5.16	1316.	56.	5.
3154	0000	-333	37.1933	81.7780	PPNG	1.0	1.5	5.5	1.49	0.27	5.46	1331.	58.	7.
3155	0000	-331	37.1933	81.7785	PPNG	1.0	1.7	5.4	1.79 +	0.32	5.60	1371.	58.	7.
3156	0000	-330	37.1933	81.7790	PPNG	1.1	1.7	5.0	1.58	0.28	5.72	1425.	55.	7.
3157	0000	-330	37.1933	81.7795	PPNG	1.1	1.5	6.0	1.43	0.26	5.54	1439.	55.	8.
3158	0000	-329	37.1933	81.7799	PPNG	1.1	1.5	6.2	1.43	0.25	5.78	1433.	55.	8.
3159	0000	-328	37.1934	81.7804	PPNG	1.1	1.4	6.0	1.28	0.24	5.45	1439.	54.	8.
3160	0000	-327	37.1934	81.7809	PPNG	1.1	1.6	6.2	1.40	0.26	5.48	1472.	54.	8.
3161	0000	-327	37.1934	81.7814	PPNG	1.1	1.8	6.2	1.64	0.33	5.44	1494.	54.	7.
3162	0000	-324	37.1934	81.7819	PPNG	1.1	1.6	6.1	1.50	0.29	5.61	1466.	54.	8.

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ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-322	37.1934	81.7823	PPNG	1.0	1.7	5.6	1.65	0.30	5.41	1421.	57.	8.
3164	0000	-321	37.1935	81.7829	PPNG	1.0	1.6	5.7	1.67	0.29	5.75	1397.	56.	8.
3165	0000	-318	37.1935	81.7833	PPNG	1.0	1.6	5.8	1.63	0.27	5.87	1375.	58.	7.
3166	0000	-319	37.1935	81.7838	PPNG	0.9	1.5	6.0	1.62	0.26	6.33 +	1364.	58.	7.
3167	0000	-322	37.1935	81.7843	PPNG	1.0	1.4	5.7	1.49	0.25	5.96	1353.	59.	7.
3168	0000	-322	37.1935	81.7848	PPNG	1.0	1.4	5.8	1.46	0.25	5.91	1369.	59.	7.
3169	0000	-321	37.1935	81.7853	PPNG	1.1	1.2	6.2	1.16	0.20	5.89	1413.	60.	7.
3170	0000	-322	37.1935	81.7858	PPNG	1.1	1.3	6.7	1.22	0.20	6.20 +	1443.	59.	7.
3171	0000	-320	37.1935	81.7862	PPNG	1.1	1.5	7.0	1.33	0.21	6.35 +	1471.	59.	5.
3172	0000	-321	37.1936	81.7867	PPNG	1.1	1.5	6.8	1.31	0.22	6.03	1493.	59.	4.
3173	0000	-323	37.1936	81.7872	PPNG	1.2	1.7	6.8	1.49	0.25	5.87	1522.	58.	3.
3174	0000	-323	37.1936	81.7878	PPNG	1.2	1.9	6.9	1.64	0.28	5.86	1568.	56.	2.
3175	0000	-322	37.1937	81.7882	PPNG	1.2	1.9	7.0	1.60	0.27	5.82	1587.	54.	2.
3176	0000	-322	37.1937	81.7887	PPNG	1.2	2.2 +	6.7	1.81 +	0.33 +	5.54	1585.	54.	0.
3177	0000	-320	37.1937	81.7892	PPNG	1.2	2.2 +	6.5	1.82 +	0.33 +	5.49	1585.	54.	0.
3178	0000	-317	37.1937	81.7897	PPNG	1.2	2.3 +	6.6	1.94 +	0.34 +	5.65	1581.	54.	0.
3179	0000	-314	37.1937	81.7901	PPNG	1.2	2.5 +	6.6	2.15 +	0.38 +	5.73	1584.	53.	0.
3180	0000	-312	37.1937	81.7906	PPNG	1.1	2.3 +	6.4	2.03 +	0.37 +	5.56	1555.	53.	0.
3181	0000	-312	37.1937	81.7911	PPNG	1.1	2.3 +	6.2	2.02 +	0.37 +	5.53	1504.	52.	1.
3182	0000	-311	37.1937	81.7917	PPNG	1.1	2.1 +	6.0	1.92 +	0.35 +	5.47	1481.	54.	1.
3183	0000	-309	37.1938	81.7921	PPNG	1.1	2.0	6.1	1.86 +	0.33 +	5.65	1490.	51.	3.
3184	0000	-307	37.1938	81.7926	PPNG	1.1	1.9	6.2	1.66	0.30	5.48	1519.	51.	4.
3185	0000	-307	37.1938	81.7931	PPNG	1.2	1.7	6.3	1.43	0.27	5.38	1528.	50.	5.
3186	0000	-308	37.1938	81.7935	PPNG	1.2	1.5	6.4	1.26	0.23	5.45	1521.	50.	6.
3187	0000	-307	37.1938	81.7941	PPNG	1.2	1.6	6.4	1.34	0.24	5.51	1506.	51.	7.
3188	0000	-306	37.1939	81.7945	PPNG	1.1	1.4	6.5	1.25	0.22	5.79	1484.	51.	7.
3189	0000	-304	37.1939	81.7950	PPNG	1.1	1.4	6.2	1.30	0.23	5.68	1446.	50.	7.
3190	0000	-303	37.1939	81.7955	PPNG	1.1	1.3	6.2	1.23	0.21	5.92	1408.	52.	7.
3191	0000	-306	37.1939	81.7960	PPNG	1.0	1.3	6.4	1.26	0.20	6.18 +	1376.	54.	5.
3192	0000	-307	37.1939	81.7965	PPNG	1.0	1.3	6.1	1.29	0.22	5.91	1382.	57.	5.
3193	0000	-303	37.1939	81.7969	PPNG	1.1	1.4	6.3	1.24	0.21	5.80	1427.	56.	5.
3194	0000	-302	37.1940	81.7974	PPNG	1.1	1.2	6.6	1.08	0.19 -	5.79	1466.	56.	5.
3195	0000	-302	37.1940	81.7979	PPNG	1.2	1.2	6.7	1.06	0.18 -	5.75	1478.	58.	6.
3196	0000	-299	37.1940	81.7984	PPNG	1.2	1.3	7.0	1.10	0.18 -	6.11	1493.	55.	6.
3197	0000	-298	37.1940	81.7989	PPNG	1.2	1.3	7.0	1.07	0.18 -	5.83	1511.	55.	6.
3198	0000	-300	37.1940	81.7994	PPNG	1.2	1.4	6.9	1.14	0.20 -	5.81	1517.	56.	6.
3199	0000	-298	37.1941	81.7999	PPNG	1.2	1.2	7.0	0.99 -	0.17 -	5.92	1498.	54.	7.
3200	0000	-295	37.1941	81.8004	PPNG	1.1	1.1 -	6.6	1.02 -	0.17 -	5.88	1451.	56.	6.
3201	0000	-295	37.1941	81.8008	PPNG	1.1	1.0 -	6.3	0.96 -	0.17 -	5.72	1410.	56.	6.
3202	0000	-296	37.1941	81.8013	PPNG	1.1	1.2 -	6.0	1.03 -	0.19 -	5.39	1392.	58.	5.
3203	0000	-297	37.1941	81.8018	PPNG	1.1	1.2	6.0	1.05	0.20	5.28	1393.	59.	4.
3204	0000	-295	37.1942	81.8023	PPNG	1.1	1.2	5.9	1.11	0.21	5.30	1366.	62.	3.
3205	0000	-293	37.1942	81.8027	PPNG	1.1	1.1 -	5.8	0.98 -	0.18 -	5.36	1337.	60.	2.
3206	0000	-293	37.1942	81.8033	PPNG	1.1	1.1 -	5.6	1.08	0.20	5.28	1303.	61.	1.
3207	0000	-295	37.1942	81.8038	PPNG	1.0	1.1 -	5.9	1.04 -	0.18 -	5.72	1292.	61.	1.
3208	0000	-296	37.1942	81.8043	PPNG	1.0	1.3	6.0	1.23	0.21	5.86	1301.	60.	0.
3209	0000	-295	37.1942	81.8048	PPNG	1.0	1.4	6.1	1.37	0.22	6.11	1317.	58.	0.
3210	0000	-294	37.1943	81.8052	PPNG	1.0	1.5	5.9	1.51	0.25	6.10	1298.	60.	0.
3211	0000	-293	37.1943	81.8057	PPNG	1.0	1.5	5.8	1.62	0.26	6.13	1298.	59.	0.
3212	0000	-293	37.1944	81.8062	PPNG	1.0	1.6	5.4	1.73	0.31	5.65	1282.	59.	0.
3213	0000	-292	37.1943	81.8067	PPNG	0.9	1.8	5.5	1.92 +	0.33 +	5.89	1280.	60.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-292	37.1943	81.8072	PPNG	0.9	1.9	5.0 -	2.00 +	0.37 +	5.36	1263.	60.	1.
3215	0000	-294	37.1944	81.8077	PPNG	0.9	1.8	4.9 -	1.96 +	0.36 +	5.49	1236.	61.	2.
3216	0000	-295	37.1944	81.8081	PPNG	0.9 -	1.9	4.8 -	2.17 ++	0.39 ++	5.58	1222.	62.	3.
3217	0000	-292	37.1944	81.8086	PPNG	0.9	1.9	4.8 -	2.13 +	0.39 ++	5.42	1226.	61.	4.
3218	0000	-290	37.1944	81.8091	PPNG	0.9	1.8	4.7 -	1.93 +	0.38 +	5.08	1259.	56.	5.
3219	0000	-291	37.1944	81.8096	PPNG	1.0	1.8	5.1	1.89 +	0.36 +	5.22	1321.	55.	6.
3220	0000	-290	37.1945	81.8101	PPNG	1.1	1.6	5.2	1.47	0.31	4.81 -	1391.	54.	7.
3221	0000	-288	37.1945	81.8106	PPNG	1.1	1.7	5.6	1.53	0.30	5.03	1436.	55.	8.
3222	0000	-287	37.1945	81.8111	PPNG	1.1	1.6	5.5	1.39	0.29	4.78 -	1464.	56.	8.
3223	0000	-287	37.1945	81.8115	PPNG	1.1	1.3	5.4	1.12	0.24	4.74 -	1446.	56.	8.
3224	0000	-288	37.1945	81.8120	PPNG	1.1	1.2 -	5.6	1.03 -	0.21	5.00	1434.	56.	8.
3225	0000	-286	37.1945	81.8125	PPNG	1.1	1.0 -	5.5	0.89 -	0.18 -	5.04	1375.	60.	8.
3226	0000	-284	37.1946	81.8130	PPNG	1.1	0.8 -	5.6	0.73 -	0.14 -	5.22	1332.	57.	7.
3227	0000	-285	37.1946	81.8135	PPNG	1.0	1.1 -	5.3	1.13	0.21	5.35	1293.	58.	6.
3228	0000	-285	37.1946	81.8140	PPNG	1.0	1.2	5.1	1.16	0.24	4.94	1295.	57.	6.
3229	0000	-284	37.1946	81.8145	PPNG	1.0	1.4	5.1	1.40	0.28	4.93	1297.	57.	5.
3230	0000	-285	37.1946	81.8150	PPNG	1.1	1.4	5.6	1.29	0.25	5.22	1333.	56.	5.
3231	0000	-285	37.1947	81.8154	PPNG	1.1	1.4	5.5	1.28	0.25	5.08	1353.	53.	5.
3232	0000	-282	37.1947	81.8159	PPNG	1.1	1.6	5.7	1.44	0.28	5.22	1380.	52.	5.
3233	0000	-282	37.1947	81.8164	PPNG	1.1	1.5	5.6	1.40	0.27	5.12	1368.	57.	5.
3234	0000	-281	37.1947	81.8169	PPNG	1.1	1.2	5.6	1.11	0.21	5.17	1338.	55.	6.
3235	0000	-278	37.1947	81.8174	PPNG	1.0	0.9 -	5.8	0.90 -	0.16 -	5.71	1296.	53.	7.
3236	0000	-280	37.1948	81.8179	PPNG	1.0	0.9 -	5.8	0.86 -	0.15 -	5.82	1279.	53.	7.
3237	0000	-280	37.1948	81.8184	PPNG	1.0	1.0 -	5.3	0.97 -	0.19 -	5.23	1264.	56.	8.
3238	0000	-277	37.1948	81.8188	PPNG	1.0	1.0 -	5.1	1.07	0.20	5.24	1260.	57.	9.
3239	0000	-277	37.1948	81.8194	PPNG	1.0	1.1 -	5.5	1.11	0.19 -	5.78	1294.	57.	9.
3240	0000	-279	37.1948	81.8198	PPNG	1.0	1.3	6.0	1.25	0.21	5.94	1368.	54.	8.
3241	0000	-278	37.1948	81.8203	PPNG	1.0	1.6	6.2	1.61	0.26	6.10	1443.	55.	7.
3242	0000	-277	37.1949	81.8208	PPNG	1.1	1.8	6.1	1.71	0.30	5.69	1462.	57.	6.
3243	0000	-276	37.1949	81.8213	PPNG	1.1	1.7	6.5	1.56	0.26	6.09	1458.	55.	6.
3244	0000	-274	37.1949	81.8217	PPNG	1.0	1.6	6.6	1.53	0.24	6.33 +	1426.	53.	5.
3245	0000	-274	37.1949	81.8222	PPNG	1.1	1.5	6.9	1.43	0.22	6.50 +	1411.	53.	4.
3246	0000	-273	37.1949	81.8227	PPNG	1.0	1.6	6.4	1.55	0.25	6.32 +	1355.	54.	2.
3247	0000	-271	37.1950	81.8232	PPNG	1.0	1.6	6.0	1.71	0.27	6.24 +	1287.	53.	2.
3248	0000	-271	37.1950	81.8237	PPNG	1.0	1.3	6.0	1.41	0.22	6.28 +	1221.	53.	2.
3249	0000	-270	37.1950	81.8242	PPNG	0.9	1.4	5.7	1.59	0.25	6.40 +	1209.	53.	2.
3250	0000	-270	37.1950	81.8247	PPNG	0.9	1.6	5.5	1.79 +	0.30	6.03	1222.	56.	1.
3251	0000	-270	37.1950	81.8252	PPNG	0.9	1.7	5.6	1.80 +	0.30	5.93	1254.	57.	1.
3252	0000	-269	37.1951	81.8257	PPNG	0.9	2.0	5.3	2.08 +	0.37 +	5.59	1278.	58.	1.
3253	0000	-267	37.1951	81.8261	PPNG	1.0	2.1 +	5.4	2.12 +	0.39 ++	5.48	1354.	58.	2.
3254	0000	-265	37.1951	81.8266	PPNG	1.0	2.3 +	5.5	2.22 ++	0.42 ++	5.26	1450.	58.	2.
3255	0000	-264	37.1951	81.8271	PPNG	1.1	2.3 +	5.8	2.19 ++	0.40 ++	5.47	1510.	56.	4.
3256	0000	-264	37.1951	81.8276	PPNG	1.1	2.2 +	5.8	1.99 +	0.38 +	5.27	1524.	57.	4.
3257	0000	-263	37.1951	81.8280	PPNG	1.2	1.9	6.1	1.62	0.31	5.20	1517.	56.	6.
3258	0000	-263	37.1952	81.8286	PPNG	1.2	1.7	6.1	1.48	0.28	5.22	1536.	54.	7.
3259	0000	-262	37.1952	81.8291	PPNG	1.2	1.4	6.5	1.15	0.21	5.39	1585.	52.	9.
3260	0000	-261	37.1952	81.8296	PPNG	1.3	1.2	6.6	0.95 -	0.19 -	5.07	1609.	50.	11.
3261	0000	-261	37.1952	81.8301	PPNG	1.3	1.0 -	6.5	0.74 -	0.15 -	4.91	1581.	52.	11.
3262	0000	-260	37.1952	81.8307	PPNG	1.4	1.0 -	6.4	0.75 -	0.16 -	4.68 -	1568.	54.	12.
3263	0000	-259	37.1952	81.8312	PPNG	1.3	1.1 -	6.7	0.78 -	0.16 -	4.97	1571.	52.	12.
3264	0000	-259	37.1951	81.8317	PPNG	1.3	1.2	6.6	0.91 -	0.18 -	5.01	1587.	51.	11.

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FLIGHT LINE 200, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-256	37.1951	81.8322	PPNG	1.3	1.5	6.6	1.15	0.22	5.12	1579.	51.	10.
3266	0000	-254	37.1951	81.8327	PPNG	1.3	1.6	6.5	1.24	0.25	5.01	1550.	51.	8.
3267	0000	-253	37.1951	81.8332	PPNG	1.2	1.6	6.3	1.33	0.25	5.37	1480.	51.	6.
3268	0000	-254	37.1951	81.8337	PPNG	1.1	1.4	6.3	1.30	0.22	5.86	1399.	49.	5.
3269	0000	-254	37.1951	81.8342	PPNG	1.0	1.6	5.8	1.62	0.27	5.99	1351.	50.	4.
3270	0000	-252	37.1951	81.8347	PPNG	1.0	1.4	5.8	1.41	0.24	5.86	1339.	50.	3.
3271	0000	-251	37.1953	81.8353	PPNG	1.0	1.4	5.9	1.42	0.23	6.13	1335.	51.	4.
3272	0000	-252	37.1951	81.8358	PPNG	1.0	1.3	6.0	1.31	0.22	5.95	1354.	53.	4.
3273	0000	-250	37.1951	81.8363	PPNG	1.0	1.4	6.1	1.38	0.23	6.09	1358.	55.	4.
3274	0000	-248	37.1951	81.8368	PPNG	1.0	1.5	6.3	1.44	0.24	6.04	1400.	58.	4.
3275	0000	-249	37.1951	81.8373	PPNG	1.1	1.6	6.1	1.45	0.26	5.51	1441.	60.	5.
3276	0000	-247	37.1951	81.8378	PPNG	1.1	1.6	6.5	1.44	0.25	5.79	1480.	57.	4.
3277	0000	-245	37.1951	81.8384	PPNG	1.2	1.8	6.8	1.50	0.27	5.68	1515.	56.	4.
3278	0000	-244	37.1951	81.8389	PPNG	1.3	2.0	7.0	1.54	0.29	5.38	1574.	56.	3.
3279	0000	-243	37.1951	81.8394	PPNG	1.4	2.2 +	7.3	1.60	0.31	5.23	1651.	53.	2.
3280	0000	-241	37.1951	81.8399	PPNG	1.5 +	2.1 +	7.4	1.35	0.28	4.81 -	1745.	51.	2.
3281	0000	-240	37.1951	81.8404	PPNG	1.8 +	2.4 +	7.5	1.36	0.32	4.29 -	1847.	48.	2.
3282	0000	-239	37.1951	81.8409	PPNG	1.9 +	2.6 ++	8.3 +	1.39	0.31	4.44 -	1955.	47.	1.
3283	0000	-239	37.1951	81.8414	PPNG	2.0 ++	2.6 ++	8.5 +	1.29	0.31	4.15 --	2030.	49.	2.
3284	0000	-237	37.1951	81.8420	PPNG	2.1 ++	2.6 ++	8.8 +	1.21	0.29	4.14 --	2099.	48.	3.
3285	1000	-235	37.1951	81.8425	PPNG	2.1 ++	2.6 ++	8.8 +	1.24	0.30	4.11 --	2137.	48.	4.
3286	1000	-236	37.1951	81.8430	PPNG	2.1 ++	2.4 +	8.8 +	1.13	0.27	4.16 --	2140.	49.	4.
3287	0000	-235	37.1951	81.8435	PPNG	2.0 ++	2.5 +	8.4 +	1.22	0.29	4.14 --	2083.	49.	5.
3288	0000	-233	37.1951	81.8440	PPNG	1.8 +	2.2 +	8.4 +	1.19	0.26	4.62 -	1949.	52.	5.
3289	0000	-234	37.1951	81.8445	PPNG	1.6 +	1.9	7.7 +	1.17	0.25	4.66 -	1797.	52.	4.
3290	0000	-234	37.1951	81.8451	PPNG	1.5 +	1.7	7.3	1.12	0.23	4.85	1678.	52.	3.
3291	0000	-230	37.1951	81.8456	PPNG	1.3	1.6	6.8	1.23	0.24	5.09	1544.	54.	2.
3292	0000	-228	37.1951	81.8461	PPNG	1.2	1.6	6.0	1.31	0.26	4.99	1423.	56.	1.
3293	0000	-227	37.1951	81.8466	PPNG	1.1	1.5	5.6	1.42	0.27	5.27	1299.	56.	1.
3294	0000	-225	37.1951	81.8471	PPNG	1.0	1.6	5.4	1.62	0.30	5.43	1260.	55.	1.
3295	0000	-224	37.1951	81.8476	PPNG	1.0	1.6	5.3	1.53	0.30	5.12	1290.	57.	1.
3296	0000	-222	37.1951	81.8481	PPNG	1.1	1.7	5.7	1.47	0.29	5.02	1382.	58.	1.
3297	0000	-221	37.1951	81.8486	PPNG	1.2	1.9	6.3	1.64	0.31	5.33	1509.	58.	1.
3298	0000	-219	37.1951	81.8492	PPNG	1.4	2.3 +	6.5	1.70	0.36 +	4.76 -	1671.	56.	2.
3299	0000	-216	37.1951	81.8497	PPNG	1.5	2.3 +	7.6	1.54	0.30	5.19	1796.	53.	3.
3300	0000	-215	37.1951	81.8502	PPNG	1.5 +	2.3 +	8.0 +	1.47	0.28	5.23	1911.	54.	3.
3301	0000	-212	37.1951	81.8507	PPNG	1.7 +	2.1	8.8 +	1.24	0.23	5.33	1994.	54.	4.
3302	0000	-209	37.1951	81.8511	PPNG	1.7 +	2.2 +	9.1 +	1.31	0.24	5.43	2087.	53.	4.
3303	0000	-210	37.1951	81.8517	PPNG	1.7 +	2.3 +	10.0 ++	1.30	0.23	5.76	2180.	51.	4.
3304	0000	-210	37.1951	81.8522	PPNG	1.9 +	2.4 +	9.6 ++	1.27	0.25	5.11	2185.	50.	4.
3305	0000	-207	37.1951	81.8527	PPNG	1.8 +	2.1	9.6 ++	1.13	0.21	5.31	2116.	51.	3.
3306	0000	-206	37.1951	81.8533	PPNG	1.8 +	2.0	9.3 +	1.11	0.21	5.18	2067.	52.	3.
3307	0000	-205	37.1951	81.8538	PPNG	1.8 +	2.2 +	9.2 +	1.24	0.24	5.25	2027.	51.	2.
3308	0000	-204	37.1950	81.8543	PPNG	1.7 +	2.4 +	8.6 +	1.46	0.28	5.14	1958.	50.	1.
3309	0000	-202	37.1950	81.8548	PPNG	1.7 +	2.3 +	8.1 +	1.40	0.29	4.83	1850.	50.	1.
3310	0000	-201	37.1950	81.8553	PPNG	1.5 +	2.3 +	7.0	1.49	0.33 +	4.57 -	1730.	49.	1.
3311	0000	-201	37.1950	81.8559	PPNG	1.4	2.0	6.9	1.40	0.29	4.85	1655.	50.	2.
3312	0000	-198	37.1950	81.8564	PPNG	1.4	2.2 +	6.2	1.62	0.36 +	4.49 -	1617.	51.	2.
3313	0000	-197	37.1950	81.8568	PPNG	1.3	2.3 +	5.7	1.74	0.40 ++	4.36 -	1584.	50.	3.
3314	0000	-197	37.1950	81.8574	PPNG	1.3	2.2 +	5.4	1.65	0.41 ++	4.07 --	1556.	49.	4.
3315	0000	-195	37.1950	81.8579	PPNG	1.3	2.1	5.7	1.58	0.37 +	4.33 -	1540.	50.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-195	37.1950	81.8584 PPNG	1.3	2.0	5.8	1.56	0.35 +	4.49 -	1540.	51.	4.
3317	0000	-195	37.1950	81.8589 PPNG	1.3	1.8	5.9	1.37	0.30	4.53 -	1541.	51.	5.
3318	0000	-194	37.1950	81.8595 PPNG	1.3	1.7	6.2	1.34	0.28	4.84	1550.	52.	6.
3319	0000	-195	37.1950	81.8599 PPNG	1.2	1.5	6.7	1.27	0.23	5.47	1548.	51.	7.
3320	0000	-193	37.1950	81.8604 PPNG	1.2	1.5	7.1	1.31	0.22	6.05	1536.	53.	6.
3321	0000	-190	37.1950	81.8609 PPNG	1.1	1.4	7.2	1.21	0.19 -	6.37 +	1508.	54.	6.
3322	0000	-190	37.1950	81.8614 PPNG	1.1	1.4	7.2	1.25	0.19 -	6.46 +	1509.	53.	5.
3323	0000	-189	37.1950	81.8620 PPNG	1.1	1.6	7.2	1.47	0.23	6.47 +	1530.	53.	4.
3324	0000	-187	37.1951	81.8625 PPNG	1.2	1.7	7.5	1.41	0.23	6.16 +	1581.	53.	3.
3325	0000	-187	37.1950	81.8630 PPNG	1.3	1.8	7.5	1.41	0.24	5.90	1624.	52.	2.
3326	0000	-187	37.1950	81.8635 PPNG	1.3	2.1 +	7.8 +	1.57	0.27	5.86	1694.	53.	1.
3327	0000	-184	37.1950	81.8640 PPNG	1.4	2.3 +	7.8 +	1.68	0.30	5.62	1769.	52.	1.
3328	0000	-182	37.1950	81.8645 PPNG	1.5 +	2.2 +	8.3 +	1.43	0.26	5.47	1861.	51.	1.
3329	0000	-181	37.1950	81.8651 PPNG	1.6 +	2.2 +	8.3 +	1.44	0.27	5.32	1908.	52.	1.
3330	0000	-180	37.1950	81.8656 PPNG	1.6 +	1.9	8.7 +	1.16	0.22	5.34	1917.	51.	2.
3331	0000	-179	37.1950	81.8661 PPNG	1.5 +	2.1	8.5 +	1.33	0.24	5.52	1881.	51.	2.
3332	0000	-179	37.1950	81.8666 PPNG	1.5 +	2.1 +	8.4 +	1.39	0.25	5.50	1858.	52.	4.
3333	0000	-177	37.1950	81.8671 PPNG	1.6 +	1.8	8.1 +	1.16	0.23	5.16	1820.	55.	4.
3334	0000	-174	37.1950	81.8677 PPNG	1.6 +	1.5	7.8 +	0.93 -	0.19 -	4.91	1785.	54.	5.
3335	0000	-173	37.1950	81.8681 PPNG	1.5 +	1.8	7.5	1.19	0.23	5.08	1730.	55.	5.
3336	0000	-172	37.1950	81.8687 PPNG	1.5 +	1.5	7.7	1.01 -	0.20 -	5.17	1684.	56.	6.
3337	0000	-169	37.1950	81.8692 PPNG	1.4	1.8	7.3	1.32	0.25	5.34	1645.	58.	6.
3338	0000	-168	37.1950	81.8697 PPNG	1.3	1.8	7.1	1.34	0.25	5.35	1624.	59.	6.
3339	0000	-167	37.1950	81.8702 PPNG	1.3	1.8	6.6	1.38	0.26	5.23	1586.	59.	5.
3340	0000	-164	37.1950	81.8707 PPNG	1.2	1.9	6.6	1.59	0.29	5.55	1551.	57.	5.
3341	0000	-161	37.1950	81.8712 PPNG	1.2	2.1 +	6.6	1.80 +	0.32 +	5.60	1565.	58.	5.
3342	0000	-160	37.1950	81.8718 PPNG	1.3	2.0	6.4	1.52	0.31	4.85	1610.	60.	5.
3343	0000	-159	37.1950	81.8723 PPNG	1.4	2.4 +	6.4	1.72	0.38 +	4.56 -	1684.	58.	5.
3344	0000	-156	37.1950	81.8728 PPNG	1.5 +	2.3 +	6.5	1.50	0.35 +	4.24 -	1764.	57.	5.
3345	0000	-153	37.1950	81.8733 PPNG	1.6 +	2.4 +	6.7	1.47	0.35 +	4.19 -	1809.	56.	6.
3346	0000	-152	37.1950	81.8738 PPNG	1.7 +	2.2 +	7.3	1.27	0.30	4.31 -	1896.	56.	6.
3347	0000	-151	37.1950	81.8743 PPNG	1.8 +	2.2 +	7.8 +	1.20	0.28	4.22 -	1994.	56.	6.
3348	0000	-146	37.1950	81.8748 PPNG	1.9 ++	2.1 +	8.0 +	1.11	0.26	4.25 -	2014.	53.	6.
3349	0000	-143	37.1950	81.8754 PPNG	1.8 +	2.0	8.1 +	1.12	0.25	4.46 -	2003.	51.	6.
3350	0000	-142	37.1949	81.8759 PPNG	1.7 +	1.7	8.2 +	0.98 -	0.21	4.69 -	1949.	51.	6.
3351	0000	-140	37.1949	81.8764 PPNG	1.7 +	1.5	8.1 +	0.91 -	0.19 -	4.83	1880.	54.	5.
3352	0000	-136	37.1949	81.8769 PPNG	1.6 +	1.5	7.6	0.92 -	0.19 -	4.82 -	1821.	52.	5.
3353	0000	-134	37.1949	81.8774 PPNG	1.5 +	1.8	7.1	1.20	0.25	4.84	1750.	54.	4.
3354	0000	-132	37.1949	81.8779 PPNG	1.4	1.6	7.1	1.19	0.23	5.21	1690.	51.	4.
3355	0000	-129	37.1949	81.8785 PPNG	1.3	1.5	6.5	1.17	0.23	5.08	1638.	52.	4.
3356	0000	-128	37.1949	81.8790 PPNG	1.3	1.6	6.1	1.25	0.26	4.86	1591.	53.	5.
3357	0000	-127	37.1950	81.8794 PPNG	1.2	1.6	6.2	1.35	0.27	5.08	1587.	51.	5.
3358	0000	-126	37.1950	81.8800 PPNG	1.3	1.9	6.5	1.49	0.29	5.18	1654.	47.	6.
3359	0000	-124	37.1950	81.8805 PPNG	1.4	1.9	6.4	1.35	0.29	4.64 -	1744.	47.	6.
3360	0000	-121	37.1950	81.8810 PPNG	1.5 +	1.9	7.0	1.25	0.27	4.69 -	1835.	46.	6.
3361	0000	-118	37.1950	81.8815 PPNG	1.6 +	1.7	6.9	1.09	0.25	4.33 -	1882.	50.	7.
3362	0000	-118	37.1950	81.8821 PPNG	1.7 +	1.7	7.3	1.05	0.24	4.42 -	1931.	49.	8.
3363	0000	-118	37.1950	81.8826 PPNG	1.7 +	1.6	7.5	0.96 -	0.22	4.42 -	1930.	50.	8.
3364	0000	-117	37.1950	81.8831 PPNG	1.7 +	1.7	7.4	1.01 -	0.23	4.42 -	1896.	51.	8.
3365	0000	-117	37.1950	81.8835 PPNG	1.6 +	1.5	7.0	0.91 -	0.21	4.26 -	1825.	52.	9.
3366	0000	-116	37.1949	81.8841 PPNG	1.5 +	1.6	6.9	1.03 -	0.23	4.53 -	1766.	53.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-116	37.1949	81.8846 PPNG	1.4	1.4	6.6	0.99 -	0.22	4.55 -	1687.	54.	8.
3368	0000	-114	37.1949	81.8851 PPNG	1.3	1.6	6.6	1.22	0.25	4.94	1633.	52.	7.
3369	0000	-111	37.1949	81.8856 PPNG	1.3	1.7	6.3	1.32	0.27	4.90	1578.	54.	6.
3370	0000	-110	37.1949	81.8862 PPNG	1.3	2.0	6.4	1.61	0.31	5.14	1592.	53.	4.
3371	0000	-108	37.1949	81.8867 PPNG	1.3	2.0	6.3	1.56	0.31	4.94	1616.	56.	3.
3372	0000	-106	37.1949	81.8872 PPNG	1.2	2.0	6.7	1.65	0.30	5.42	1620.	58.	1.
3373	0000	-105	37.1949	81.8876 PPNG	1.3	1.9	6.7	1.49	0.28	5.35	1613.	58.	0.
3374	0000	-106	37.1949	81.8882 PPNG	1.3	1.8	6.7	1.44	0.27	5.29	1606.	58.	0.
3375	0000	-107	37.1949	81.8887 PPNG	1.3	1.9	6.8	1.49	0.28	5.36	1609.	58.	0.
3376	0000	-109	37.1949	81.8892 PPNG	1.2	2.0	6.7	1.60	0.30	5.42	1632.	57.	0.
3377	0000	-108	37.1949	81.8897 PPNG	1.3	1.8	6.9	1.44	0.27	5.41	1645.	56.	0.
3378	0000	-106	37.1949	81.8903 PPNG	1.3	1.9	7.2	1.44	0.26	5.51	1655.	55.	0.
3379	0000	-105	37.1949	81.8908 PPNG	1.4	2.0	7.1	1.44	0.28	5.13	1680.	53.	1.
3380	0000	-103	37.1949	81.8913 PPNG	1.4	1.9	7.5	1.36	0.25	5.34	1683.	53.	1.
3381	0000	-101	37.1949	81.8917 PPNG	1.4	1.8	7.7	1.26	0.23	5.48	1692.	53.	3.
3382	0000	-99	37.1949	81.8923 PPNG	1.4	1.8	7.4	1.27	0.24	5.37	1687.	51.	3.
3383	0000	-98	37.1949	81.8929 PPNG	1.4	1.7	7.6	1.24	0.23	5.51	1666.	50.	4.
3384	0000	-95	37.1949	81.8933 PPNG	1.3	1.8	7.8 +	1.34	0.23	5.94	1658.	50.	5.
3385	0000	-91	37.1949	81.8938 PPNG	1.3	1.6	7.3	1.28	0.22	5.83	1634.	50.	6.
3386	0000	-90	37.1949	81.8943 PPNG	1.2	1.6	6.9	1.35	0.23	5.87	1600.	51.	6.
3387	0000	-87	37.1949	81.8949 PPNG	1.2	1.7	6.7	1.44	0.25	5.67	1585.	49.	7.
3388	0000	-82	37.1949	81.8954 PPNG	1.2	1.7	6.4	1.42	0.26	5.51	1540.	49.	7.
3389	0000	-79	37.1949	81.8959 PPNG	1.1	1.5	6.4	1.32	0.24	5.60	1522.	50.	7.
3390	0000	-80	37.1949	81.8964 PPNG	1.2	1.4	6.1	1.17	0.22	5.21	1527.	52.	7.
3391	0000	-79	37.1949	81.8969 PPNG	1.2	1.5	5.8	1.20	0.25	4.76 -	1549.	53.	8.
3392	0000	-75	37.1949	81.8974 PPNG	1.3	1.5	6.1	1.18	0.25	4.79 -	1599.	54.	8.
3393	0000	-73	37.1949	81.8979 PPNG	1.3	1.4	6.5	1.01 -	0.21	4.89	1641.	55.	9.
3394	0000	-73	37.1949	81.8984 PPNG	1.3	1.4	7.1	1.02 -	0.19 -	5.32	1666.	56.	8.
3395	0000	-71	37.1949	81.8990 PPNG	1.4	1.5	7.3	1.08	0.20	5.27	1719.	55.	8.
3396	0000	-69	37.1949	81.8995 PPNG	1.4	1.7	7.3	1.16	0.23	5.10	1745.	54.	8.
3397	0000	-70	37.1949	81.9000 PPNG	1.4	1.8	7.5	1.31	0.24	5.52	1749.	54.	7.
3398	0000	-70	37.1949	81.9005 PPNG	1.4	1.7	7.9 +	1.22	0.21	5.77	1737.	53.	6.
3399	0000	-68	37.1949	81.9010 PPNG	1.4	1.8	7.9 +	1.29	0.22	5.78	1733.	54.	5.
3400	0000	-66	37.1949	81.9015 PPNG	1.4	1.9	7.8 +	1.40	0.25	5.69	1737.	54.	4.
3401	0000	-65	37.1949	81.9021 PPNG	1.3	2.1 +	7.4	1.59	0.29	5.52	1749.	57.	3.
3402	0000	-64	37.1949	81.9026 PPNG	1.3	2.1 +	7.1	1.65	0.30	5.48	1737.	60.	3.
3403	0000	-65	37.1949	81.9031 PPNG	1.3	2.0	7.4	1.53	0.27	5.62	1738.	60.	2.
3404	0000	-63	37.1949	81.9036 PPNG	1.4	2.0	7.3	1.46	0.28	5.22	1778.	60.	2.
3405	0000	-61	37.1949	81.9041 PPNG	1.4	2.1 +	7.1	1.51	0.30	5.01	1793.	59.	2.
3406	0000	-62	37.1949	81.9046 PPNG	1.4	2.2 +	6.8	1.54	0.32 +	4.82 -	1764.	58.	1.
3407	0000	-62	37.1948	81.9051 PPNG	1.3	2.0	6.8	1.50	0.29	5.08	1725.	59.	1.
3408	0000	-60	37.1948	81.9057 PPNG	1.3	1.9	6.7	1.48	0.29	5.10	1696.	56.	1.
3409	0000	-60	37.1948	81.9062 PPNG	1.3	2.0	6.8	1.55	0.29	5.33	1687.	55.	1.
3410	0000	-60	37.1948	81.9067 PPNG	1.3	2.0	6.6	1.52	0.30	5.04	1676.	55.	1.
3411	0000	-59	37.1948	81.9072 PPNG	1.3	2.1 +	6.5	1.61	0.32	5.06	1671.	55.	0.
3412	0000	-59	37.1948	81.9077 PPNG	1.3	2.1 +	6.2	1.63	0.33 +	4.87	1652.	58.	0.
3413	0000	-59	37.1948	81.9082 PPNG	1.3	2.0	6.4	1.53	0.31	4.94	1669.	58.	0.
3414	0000	-58	37.1948	81.9088 PPNG	1.4	2.2 +	6.2	1.65	0.36 +	4.52 -	1708.	57.	0.
3415	0000	-58	37.1948	81.9093 PPNG	1.4	2.1 +	6.2	1.49	0.35 +	4.30 -	1721.	58.	0.
3416	0000	-56	37.1948	81.9098 PPNG	1.4	2.3 +	6.2	1.57	0.37 +	4.30 -	1715.	57.	0.
3417	0000	-54	37.1948	81.9103 PPNG	1.4	2.2 +	5.9	1.54	0.36 +	4.24 -	1698.	58.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-51	37.1948	81.9108	PPNG	1.4	1.9	5.9	1.38	0.32 +	4.29 -	1641.	59.	1.
3419	0000	-50	37.1948	81.9113	PPNG	1.4	1.9	6.1	1.42	0.32	4.48 -	1618.	57.	1.
3420	0000	-51	37.1948	81.9118	PPNG	1.3	2.0	6.2	1.56	0.32 +	4.80 -	1593.	58.	1.
3421	0000	-49	37.1948	81.9124	PPNG	1.3	1.9	6.4	1.50	0.30	5.07	1553.	56.	1.
3422	0000	-47	37.1948	81.9129	PPNG	1.2	2.0	6.4	1.62	0.31	5.21	1514.	56.	1.
3423	0000	-46	37.1948	81.9134	PPNG	1.2	1.8	6.4	1.50	0.28	5.34	1485.	55.	1.
3424	0000	-43	37.1948	81.9139	PPNG	1.2	1.9	6.4	1.63	0.30	5.53	1461.	55.	1.
3425	0000	-41	37.1948	81.9144	PPNG	1.1	2.0	6.7	1.84 +	0.30	6.09	1448.	54.	0.
3426	0000	-41	37.1948	81.9149	PPNG	1.0	2.0	6.5	1.88 +	0.30	6.20 +	1456.	53.	1.
3427	0000	-38	37.1948	81.9155	PPNG	1.1	1.8	6.6	1.72	0.28	6.22 +	1461.	52.	2.
3428	0000	-36	37.1948	81.9159	PPNG	1.1	1.8	6.3	1.63	0.28	5.74	1466.	52.	3.
3429	0000	-37	37.1948	81.9165	PPNG	1.0	1.7	6.2	1.63	0.27	5.94	1458.	51.	4.
3430	0000	-35	37.1948	81.9169	PPNG	1.0	1.7	6.2	1.62	0.27	5.90	1442.	50.	4.
3431	0000	-33	37.1948	81.9175	PPNG	1.0	1.6	6.1	1.58	0.27	5.85	1445.	48.	5.
3432	0000	-33	37.1948	81.9180	PPNG	1.1	1.5	5.7	1.36	0.26	5.16	1442.	48.	5.
3433	0000	-32	37.1948	81.9185	PPNG	1.0	1.5	5.9	1.40	0.25	5.64	1402.	50.	5.
3434	0000	-31	37.1948	81.9191	PPNG	1.0	1.5	5.3	1.48	0.28	5.19	1345.	50.	4.
3435	0000	-31	37.1948	81.9196	PPNG	0.9	1.5	5.1	1.62	0.29	5.67	1285.	51.	4.
3436	0000	-29	37.1948	81.9200	PPNG	0.9	1.4	4.9 -	1.53	0.28	5.44	1255.	50.	4.
3437	0000	-27	37.1948	81.9205	PPNG	0.9	1.4	4.6 -	1.52	0.29	5.23	1226.	49.	5.
3438	0000	-27	37.1948	81.9210	PPNG	0.8 -	1.4	4.5 -	1.65	0.30	5.42	1188.	51.	6.
3439	0000	-28	37.1948	81.9216	PPNG	0.8 -	1.3	4.5 -	1.59	0.28	5.64	1162.	52.	7.
3440	0000	-25	37.1948	81.9221	PPNG	0.9	1.1 -	4.3 -	1.23	0.25	4.91	1165.	51.	8.
3441	0000	-22	37.1948	81.9226	PPNG	0.9 -	1.0 -	4.2 -	1.19	0.24	4.85	1176.	51.	10.
3442	0000	-23	37.1948	81.9232	PPNG	0.9 -	1.1 -	4.5 -	1.27	0.24	5.25	1208.	50.	11.
3443	0000	-23	37.1948	81.9237	PPNG	0.9	1.3	4.4 -	1.44	0.29	4.92	1260.	51.	11.
3444	0000	-21	37.1948	81.9242	PPNG	1.1	1.4	5.0	1.36	0.29	4.72 -	1369.	51.	10.
3445	0000	-21	37.1948	81.9247	PPNG	1.2	1.1 -	5.8	0.93 -	0.19 -	4.88	1431.	51.	9.
3446	0000	-19	37.1948	81.9251	PPNG	1.2	1.5	5.8	1.23	0.25	4.83	1481.	50.	8.
3447	0000	-14	37.1947	81.9257	PPNG	1.2	1.8	5.9	1.47	0.30	4.90	1493.	50.	6.
3448	0000	-13	37.1947	81.9262	PPNG	1.2	1.8	6.1	1.40	0.29	4.91	1500.	49.	4.
3449	0000	-14	37.1947	81.9267	PPNG	1.2	1.7	6.1	1.36	0.27	4.98	1439.	50.	3.
3450	0000	-14	37.1947	81.9272	PPNG	1.1	1.5	6.2	1.37	0.25	5.49	1358.	51.	2.
3451	0000	-10	37.1947	81.9278	PPNG	1.0	1.5	5.5	1.50	0.27	5.59	1251.	51.	1.
3452	0000	-9	37.1947	81.9282	PPNG	0.9 -	1.8	4.9 -	2.08 +	0.37 +	5.67	1183.	50.	0.
3453	0000	-12	37.1947	81.9288	PPNG	0.8 -	1.6	4.9 -	1.98 +	0.33 +	6.01	1138.	50.	-0.
3454	0000	-12	37.1947	81.9294	PPNG	0.8 -	1.6	4.6 -	2.00 +	0.35 +	5.74	1118.	50.	0.
3455	0000	-9	37.1947	81.9298	PPNG	0.7 -	1.8	4.8 -	2.40 ++	0.37 +	6.44 +	1108.	53.	0.
3456	0000	-10	37.1947	81.9303	PPNG	0.8 -	1.9	4.9 -	2.44 ++	0.38 ++	6.33 +	1155.	53.	0.
3457	0000	-9	37.1948	81.9308	PPNG	0.8 -	1.9	5.1	2.26 ++	0.37 +	6.18 +	1200.	52.	0.
3458	0000	-8	37.1948	81.9313	PPNG	0.8 -	1.9	5.3	2.30 ++	0.36 +	6.44 +	1239.	54.	0.
3459	0000	-8	37.1948	81.9319	PPNG	0.9	1.7	5.8	1.75	0.28	6.16 +	131[redacted]	54.	1.
3460	0000	-8	37.1948	81.9324	PPNG	1.0	1.8	6.1	1.86 +	0.30	6.25 +	13[redacted]	54.	1.
3461	0000	-7	37.1948	81.9329	PPNG	1.0	1.9	6.1	1.86 +	0.31	6.09	140[redacted]	55.	2.
3462	0000	-7	37.1947	81.9334	PPNG	1.0	1.7	6.3	1.64	0.27	6.16 +	1431.	56.	3.
3463	0000	-7	37.1947	81.9339	PPNG	1.0	1.6	6.4	1.52	0.25	6.08	1450.	54.	4.
3464	0000	-7	37.1947	81.9344	PPNG	1.1	1.6	6.3	1.52	0.26	5.91	1467.	54.	4.
3465	0000	-6	37.1947	81.9349	PPNG	1.1	1.7	6.3	1.53	0.27	5.76	1488.	53.	5.
3466	0000	-5	37.1947	81.9355	PPNG	1.0	2.0	6.2	2.00 +	0.33 +	6.15 +	1485.	52.	4.
3467	0000	-5	37.1947	81.9360	PPNG	1.0	1.9	6.2	1.86 +	0.30	6.11	1519.	50.	5.
3468	0000	-5	37.1947	81.9365	PPNG	1.0	1.9	6.8	1.90 +	0.28	6.76 +	1565.	50.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-4	37.1947	81.9370	PPNG	1.1	2.2 +	7.2	2.06 +	0.30	6.77 +	1637.	47.	4.
3470	0000	-4	37.1947	81.9375	PPNG	1.2	2.2 +	7.6	1.87 +	0.28	6.58 +	1688.	47.	3.
3471	0000	-3	37.1947	81.9380	PPNG	1.2	2.2 +	7.9 +	1.85 +	0.27	6.76 +	1704.	47.	4.
3472	0000	-1	37.1947	81.9385	PPNG	1.2	2.1 +	8.1 +	1.76	0.25	6.90 ++	1704.	47.	4.
3473	0000	0	37.1947	81.9391	PPNG	1.2	2.0	8.0 +	1.64	0.25	6.62 +	1698.	48.	5.
3474	0000	1	37.1947	81.9396	PPNG	1.2	1.9	8.0 +	1.54	0.23	6.69 +	1662.	50.	4.
3475	0000	1	37.1947	81.9401	PPNG	1.2	1.8	7.7	1.46	0.23	6.25 +	1624.	50.	5.
3476	0000	-1	37.1947	81.9406	PPNG	1.2	1.7	7.1	1.37	0.24	5.72	1577.	53.	6.
3477	0000	-1	37.1947	81.9411	PPNG	1.2	1.8	7.1	1.48	0.26	5.77	1569.	53.	5.
3478	0000	1	37.1947	81.9416	PPNG	1.3	1.9	7.0	1.51	0.27	5.59	1567.	55.	5.
3479	0000	1	37.1947	81.9421	PPNG	1.2	1.8	6.8	1.47	0.26	5.55	1541.	56.	5.
3480	0000	0	37.1947	81.9427	PPNG	1.2	1.6	6.7	1.36	0.24	5.57	1498.	56.	5.
3481	0000	1	37.1947	81.9432	PPNG	1.2	1.8	6.6	1.52	0.27	5.67	1468.	55.	4.
3482	0000	1	37.1947	81.9437	PPNG	1.1	1.4	6.7	1.31	0.22	6.03	1427.	55.	4.
3483	0000	3	37.1947	81.9442	PPNG	1.0	1.5	6.6	1.45	0.23	6.31 +	1400.	53.	4.
3484	0000	5	37.1947	81.9447	PPNG	1.0	1.5	6.4	1.54	0.24	6.42 +	1380.	53.	4.
3485	0000	4	37.1947	81.9452	PPNG	1.0	1.6	6.5	1.64	0.25	6.54 +	1404.	50.	4.
3486	0000	6	37.1947	81.9458	PPNG	1.1	1.6	6.5	1.48	0.24	6.07	1443.	48.	3.
3487	0000	8	37.1947	81.9463	PPNG	1.1	1.7	6.9	1.53	0.25	6.09	1504.	49.	3.
3488	0000	8	37.1946	81.9468	PPNG	1.2	1.6	6.8	1.26	0.23	5.57	1552.	49.	4.
3489	0000	10	37.1946	81.9473	PPNG	1.3	1.8	7.0	1.43	0.26	5.44	1610.	49.	3.
3490	0000	10	37.1946	81.9478	PPNG	1.4	1.7	7.4	1.25	0.23	5.41	1687.	49.	4.
3491	0000	10	37.1947	81.9483	PPNG	1.5 +	1.7	7.5	1.17	0.23	5.07	1759.	50.	5.
3492	0000	13	37.1947	81.9488	PPNG	1.5 +	1.5	7.6	1.01 -	0.20	5.01	1790.	53.	6.
3493	0000	15	37.1947	81.9493	PPNG	1.5 +	1.8	8.6 +	1.22	0.21	5.74	1837.	54.	6.
3494	0000	15	37.1947	81.9498	PPNG	1.6 +	1.7	8.7 +	1.10	0.20	5.52	1878.	54.	8.
3495	0000	16	37.1947	81.9504	PPNG	1.6 +	1.9	8.7 +	1.21	0.22	5.46	1898.	55.	8.
3496	0000	18	37.1947	81.9509	PPNG	1.6 +	1.7	8.6 +	1.05	0.20 -	5.38	1888.	54.	9.
3497	0000	21	37.1947	81.9514	PPNG	1.5 +	1.9	8.5 +	1.25	0.23	5.48	1872.	53.	8.
3498	0000	23	37.1947	81.9519	PPNG	1.5 +	1.7	8.8 +	1.08	0.19 -	5.71	1851.	53.	7.
3499	0000	24	37.1947	81.9525	PPNG	1.6 +	1.9	8.7 +	1.21	0.22	5.60	1865.	51.	6.
3500	0000	24	37.1947	81.9530	PPNG	1.6 +	2.0	8.4 +	1.25	0.24	5.32	1876.	50.	5.
3501	0000	25	37.1946	81.9534	PPNG	1.6 +	2.1	8.4 +	1.29	0.24	5.26	1871.	49.	4.
3502	0000	25	37.1946	81.9539	PPNG	1.6 +	1.9	8.7 +	1.22	0.22	5.57	1867.	48.	3.
3503	0000	23	37.1946	81.9545	PPNG	1.6 +	2.1 +	9.1 +	1.30	0.23	5.74	1888.	48.	3.
3504	0000	23	37.1946	81.9550	PPNG	1.7 +	1.7	8.9 +	0.98 -	0.19 -	5.21	1902.	49.	5.
3505	0000	23	37.1946	81.9555	PPNG	1.7 +	1.8	8.8 +	1.06	0.21	5.05	1920.	49.	6.
3506	0000	20	37.1946	81.9561	PPNG	1.8 +	1.6	8.8 +	0.93 -	0.18 -	5.03	1906.	50.	8.
3507	0000	19	37.1946	81.9565	PPNG	1.8 +	1.3	8.7 +	0.76 -	0.15 -	4.90	1871.	49.	10.
3508	0000	20	37.1946	81.9570	PPNG	1.7 +	1.3	8.4 +	0.79 -	0.16 -	5.09	1816.	49.	11.
3509	0000	19	37.1946	81.9576	PPNG	1.7 +	1.3	7.9 +	0.79 -	0.17 -	4.76 -	1781.	50.	11.
3510	0000	18	37.1946	81.9580	PPNG	1.6 +	1.2	7.1	0.76 -	0.17 -	4.53 -	1719.	48.	11.
3511	0000	17	37.1946	81.9586	PPNG	1.4	1.3	7.0	0.89 -	0.18 -	4.92	1623.	48.	10.
3512	0000	16	37.1946	81.9591	PPNG	1.3	1.3	6.3	0.96 -	0.20	4.80 -	1511.	49.	7.
3513	0000	15	37.1946	81.9596	PPNG	1.2	1.2	5.8	1.02 -	0.21	4.80 -	1418.	48.	5.
3514	0000	13	37.1946	81.9601	PPNG	1.1	1.1 -	5.6	1.00 -	0.20	4.97	1345.	49.	4.
3515	0000	12	37.1946	81.9607	PPNG	1.1	1.0 -	5.2	0.86 -	0.19 -	4.62 -	1313.	48.	3.
3516	0000	10	37.1946	81.9611	PPNG	1.1	1.1 -	5.3	0.95 -	0.20	4.77 -	1295.	48.	1.
3517	0000	10	37.1946	81.9616	PPNG	1.1	1.1 -	5.5	1.02 -	0.20 -	5.23	1292.	50.	1.
3518	0000	10	37.1946	81.9621	PPNG	1.0	1.1 -	5.3	1.09	0.21	5.11	1297.	50.	2.
3519	0000	8	37.1946	81.9627	PPNG	1.0	1.1 -	5.7	1.01 -	0.18 -	5.46	1312.	53.	3.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3520	0000	5	37.1945	81.9632	PPNG	1.0	1.0 -	6.0	0.92 -	0.16 -	5.75	1335.	53.	5.
3521	0000	6	37.1945	81.9637	PPNG	1.1	1.0 -	6.2	0.91 -	0.16 -	5.81	1382.	53.	6.
3522	0000	7	37.1945	81.9642	PPNG	1.1	1.1 -	6.3	1.01 -	0.17 -	5.80	1429.	55.	7.
3523	0000	6	37.1945	81.9647	PPNG	1.2	0.9 -	6.8	0.77 -	0.13 --	5.84	1502.	56.	8.
3524	0000	6	37.1946	81.9652	PPNG	1.3	0.9 -	6.7	0.67 --	0.13 --	5.22	1547.	57.	8.
3525	0010	6	37.1946	81.9658	PPNG	1.4	0.6 N.A.	7.2	0.44 N.A.	0.08 N.A.	5.24	1579.	57.	9.
3526	0010	5	37.1946	81.9663	PPNG	1.4	0.5 N.A.	6.8	0.38 N.A.	0.08 N.A.	4.93	1596.	53.	10.
3527	0010	2	37.1946	81.9668	PPNG	1.4	0.6 N.A.	6.5	0.40 N.A.	0.09 N.A.	4.47 -	1622.	53.	11.
3528	0000	2	37.1946	81.9673	PPNG	1.5 +	0.7 -	6.0	0.49 --	0.12 --	4.06 --	1616.	52.	12.
3529	0000	1	37.1946	81.9678	PPNG	1.4	0.7 --	6.3	0.47 --	0.11 --	4.44 -	1606.	52.	13.
3530	0000	-1	37.1946	81.9683	PPNG	1.4	0.6 --	6.4	0.45 --	0.10 --	4.63 -	1589.	50.	14.
3531	0000	0	37.1946	81.9688	PPNG	1.4	0.6 --	7.0	0.39 --	0.08 --	4.97	1648.	50.	16.
3532	0000	-1	37.1946	81.9694	PPNG	1.5 +	0.9 -	7.5	0.58 --	0.11 --	5.05	1741.	50.	16.
3533	0000	-3	37.1946	81.9699	PPNG	1.5 +	0.9 -	8.3 +	0.60 --	0.11 --	5.37	1832.	50.	16.
3534	0000	-3	37.1946	81.9704	PPNG	1.7 +	0.9 -	8.7 +	0.54 --	0.10 --	5.27	1908.	53.	16.
3535	0000	-5	37.1945	81.9709	PPNG	1.7 +	1.0 -	8.8 +	0.59 --	0.11 --	5.28	1978.	53.	15.
3536	0000	-7	37.1945	81.9714	PPNG	1.7 +	1.1 -	8.6 +	0.66 --	0.13 --	5.00	2010.	54.	13.
3537	0000	-7	37.1945	81.9719	PPNG	1.7 +	1.5	8.3 +	0.89 -	0.18 -	4.91	1984.	56.	10.
3538	0000	-9	37.1945	81.9725	PPNG	1.6 +	1.7	7.8 +	1.07	0.22	4.93	1895.	57.	8.
3539	0000	-12	37.1945	81.9730	PPNG	1.4	1.6	6.9	1.08	0.23	4.75 -	1765.	58.	7.
3540	0000	-13	37.1945	81.9735	PPNG	1.4	1.8	5.9	1.28	0.30	4.31 -	1634.	60.	5.
3541	0000	-16	37.1945	81.9740	PPNG	1.1	1.9	5.6	1.71	0.35 +	4.92	1494.	58.	4.
3542	0000	-19	37.1945	81.9745	PPNG	1.0	1.7	5.5	1.66	0.31	5.41	1359.	58.	3.
3543	0000	-19	37.1945	81.9750	PPNG	0.9	1.6	5.6	1.73	0.29	6.02	1270.	58.	2.
3544	0000	-21	37.1945	81.9755	PPNG	0.8 -	1.7	5.4	2.03 +	0.31	6.56 +	1224.	58.	2.
3545	0000	-23	37.1945	81.9761	PPNG	0.8 -	1.7	5.3	2.23 ++	0.32 +	6.95 ++	1194.	56.	2.
3546	0000	-23	37.1945	81.9765	PPNG	0.7 -	1.9	5.3	2.70 +++	0.36 +	7.50 +++	1191.	57.	2.
3547	0000	-25	37.1945	81.9771	PPNG	0.7 --	2.0	5.7	3.01 +++	0.35 +	8.59 +++	1215.	58.	2.
3548	0000	-26	37.1945	81.9776	PPNG	0.7 -	1.9	5.7	2.69 +++	0.33 +	8.19 +++	1246.	56.	2.
3549	0000	-28	37.1945	81.9781	PPNG	0.7 -	1.9	5.6	2.57 +++	0.34 +	7.50 +++	1290.	57.	2.
3550	0000	-31	37.1945	81.9786	PPNG	0.8 -	2.0	5.3	2.58 +++	0.38 +	6.79 +	1319.	56.	3.
3551	0000	-31	37.1945	81.9792	PPNG	0.8 -	1.8	5.2	2.12 +	0.34 +	6.14	1319.	54.	4.
3552	0000	-30	37.1945	81.9797	PPNG	0.9	1.6	4.9 -	1.81 +	0.33 +	5.51	1310.	55.	5.
3553	0000	-33	37.1945	81.9802	PPNG	0.9	1.3	4.8 -	1.49	0.27	5.41	1284.	55.	5.
3554	0000	-37	37.1945	81.9807	PPNG	0.9	1.1 -	4.8 -	1.21	0.22	5.39	1253.	52.	6.
3555	0000	-37	37.1945	81.9812	PPNG	0.9	0.8 -	4.9 -	0.93 -	0.17 -	5.46	1214.	53.	7.
3556	0000	-37	37.1945	81.9817	PPNG	0.9 -	0.7 --	4.5 -	0.82 -	0.16 -	5.21	1177.	51.	9.
3557	0000	-39	37.1945	81.9822	PPNG	0.9 -	0.6 --	4.3 -	0.64 --	0.13 --	4.99	1142.	52.	11.
3558	0000	-40	37.1945	81.9827	PPNG	0.9 -	0.4 --	4.2 -	0.41 --	0.08 --	4.91	1128.	52.	12.
3559	0000	-42	37.1945	81.9833	PPNG	0.9 -	0.4 --	4.4 -	0.42 --	0.08 --	5.06	1156.	52.	13.
3560	0010	-44	37.1945	81.9838	PPNG	0.9	0.3 N.A.	4.4 -	0.35 N.A.	0.07 N.A.	4.78 -	1198.	52.	14.
3561	0010	-46	37.1945	81.9843	PPNG	1.0	0.3 N.A.	4.3 -	0.31 N.A.	0.07 N.A.	4.49 -	1215.	53.	14.
3562	0010	-49	37.1945	81.9847	PPNG	1.0	0.3 N.A.	4.0 --	0.32 N.A.	0.08 N.A.	4.04 --	1225.	56.	15.
3563	0000	-50	37.1945	81.9852	PPNG	0.9	0.5 --	4.6 -	0.57 --	0.12 --	4.84	1227.	55.	14.
3564	0000	-52	37.1945	81.9859	PPNG	0.9	0.7 --	4.7 -	0.72 -	0.14 -	5.07	1239.	55.	13.
3565	0000	-53	37.1945	81.9863	PPNG	0.9	0.9 -	5.0	1.00 -	0.18 -	5.52	1234.	55.	12.
3566	0000	-54	37.1945	81.9868	PPNG	0.9	0.9 -	5.0	1.05	0.18 -	5.69	1193.	57.	12.
3567	0000	-55	37.1945	81.9874	PPNG	0.8 -	1.0 -	5.1	1.13	0.19 -	5.95	1159.	57.	11.
3568	0000	-59	37.1945	81.9879	PPNG	0.8 -	1.1 -	5.2	1.37	0.22	6.22 +	1168.	56.	9.
3569	0000	-61	37.1945	81.9884	PPNG	0.9	1.2	5.5	1.37	0.22	6.18 +	1189.	56.	8.
3570	0000	-62	37.1945	81.9888	PPNG	1.0	1.2	5.4	1.14	0.22	5.29	1242.	57.	8.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 200, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3571	0000	-64	37.1945	81.9894	PPNG	1.1	1.1 -	5.9	0.96 -	0.18 -	5.29	1300.	57.	7.
3572	0000	-66	37.1945	81.9899	PPNG	1.3	1.0 -	5.9	0.79 -	0.17 -	4.65 -	1391.	56.	6.
3573	0000	-68	37.1945	81.9904	PPNG	1.4	1.1 -	6.4	0.75 -	0.17 -	4.42 -	1509.	55.	6.
3574	0000	-69	37.1945	81.9909	PPNG	1.5 +	1.5	7.1	0.97 -	0.21	4.58 -	1645.	53.	5.
3575	0000	-71	37.1945	81.9915	PPNG	1.7 +	1.6	7.7 +	0.93 -	0.20	4.57 -	1798.	54.	7.
3576	0000	-74	37.1945	81.9920	PPNG	1.8 +	1.8	8.5 +	0.99 -	0.21	4.65 -	2002.	53.	7.
3577	0000	-75	37.1945	81.9925	PPNG	2.0 ++	1.9	8.9 +	0.94 -	0.22	4.37 -	2177.	52.	9.
3578	0000	-77	37.1944	81.9930	PPNG	2.1 ++	2.1 +	9.3 +	0.97 -	0.23	4.31 -	2300.	51.	10.
3579	0000	-79	37.1944	81.9935	PPNG	2.2 ++	2.2 +	9.6 ++	1.02 -	0.23	4.47 -	2365.	52.	11.
3580	0000	-81	37.1944	81.9940	PPNG	2.1 ++	2.5 +	9.7 ++	1.17	0.26	4.52 -	2432.	51.	11.
3581	0000	-83	37.1944	81.9945	PPNG	2.2 ++	2.4 +	9.5 +	1.09	0.25	4.32 -	2457.	53.	12.
3582	0000	-85	37.1944	81.9950	PPNG	2.2 ++	2.3 +	9.7 ++	1.04 -	0.23	4.44 -	2450.	53.	11.
3583	0000	-87	37.1944	81.9955	PPNG	2.1 ++	2.6 ++	9.2 +	1.22	0.28	4.31 -	2372.	52.	9.
3584	0000	-91	37.1944	81.9961	PPNG	2.0 ++	2.7 ++	8.7 +	1.33	0.30	4.36 -	2255.	54.	8.
3585	0000	-95	37.1944	81.9966	PPNG	1.9 +	2.9 ++	8.2 +	1.56	0.36 +	4.32 -	2181.	54.	7.
3586	0000	-97	37.1944	81.9971	PPNG	1.8 +	2.9 ++	8.0 +	1.66	0.37 +	4.49 -	2085.	54.	5.
3587	0000	-99	37.1944	81.9976	PPNG	1.7 +	2.7 ++	7.9 +	1.58	0.34 +	4.70 -	1963.	54.	4.
3588	0000	-102	37.1944	81.9981	PPNG	1.7 +	2.7 ++	7.9 +	1.58	0.34 +	4.70 -	1963.	54.	4.
3589	0000	-104	37.1944	81.9986	PPNG	1.7 +	2.7 ++	7.9 +	1.58	0.34 +	4.70 -	1963.	54.	4.
3590	0000	-108	37.1944	81.9991	PPNG	1.7 +	2.7 ++	7.9 +	1.58	0.34 +	4.70 -	1963.	54.	4.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-401	37.1072	80.0015		PCV-1	2.1 +	0.5 -	1.5 -	0.23 -	0.31	0.74 -	1327.	55.	2.
2	0000	-407	37.1072	80.0021		PCV-1	2.1 +	0.5 -	1.5 -	0.23 -	0.31	0.74 -	1327.	55.	2.
3	0000	-407	37.1073	80.0027		PCV-1	2.1 +	0.5 -	1.5 -	0.23 -	0.31	0.74 -	1327.	55.	2.
4	0000	-404	37.1073	80.0033		PCV-1	2.1 +	0.5 -	1.5 -	0.23 -	0.31	0.74 -	1327.	55.	2.
5	0000	-404	37.1073	80.0039		PCV-1	2.0	0.5 -	1.5 -	0.24 -	0.31	0.78 -	1293.	52.	1.
6	0000	-410	37.1073	80.0045		PCV-1	1.9	0.6	1.5 -	0.32	0.40	0.79 -	1258.	52.	0.
7	0000	-420	37.1074	80.0051		PCV-1	1.9	0.5	1.6 -	0.29 -	0.35	0.84 -	1233.	54.	0.
8	0000	-430	37.1074	80.0057		PCV-1	1.9	0.5	1.4 -	0.29 -	0.39	0.75 -	1238.	54.	1.
9	0000	-437	37.1075	80.0063		PCV-1	1.9	0.3 --	1.4 -	0.17 --	0.24	0.70 -	1255.	54.	2.
10	0000	-435	37.1075	80.0069		PCV-1	1.9	0.2 --	1.3 -	0.12 ---	0.17	0.70 -	1272.	55.	3.
11	0010	-425	37.1075	80.0074		PCV-1	1.9	0.2 N.A.	1.4 -	0.10 N.A.	0.14 N.A.	0.73 -	1269.	56.	3.
12	0000	-411	37.1076	80.0081		PCV-1	1.9	0.3 --	1.2 -	0.17 --	0.26	0.65 -	1256.	56.	3.
13	0000	-396	37.1076	80.0087		PCV-1	1.9	0.3 --	1.4 -	0.16 --	0.21	0.74 -	1254.	54.	4.
14	0000	-383	37.1077	80.0092		PCV-1	1.9	0.4 -	1.2 --	0.20 --	0.33	0.61 -	1251.	53.	4.
15	0000	-376	37.1077	80.0099		PCV-1	1.8	0.5 -	1.2 --	0.27 -	0.40	0.66 -	1226.	52.	3.
16	0000	-369	37.1077	80.0104		PCV-1	1.8	0.7	1.3 -	0.40	0.53 +	0.75 -	1204.	50.	2.
17	0000	-369	37.1077	80.0110		PCV-1	1.8	0.8	1.3 -	0.45	0.63 +	0.72 -	1205.	49.	2.
18	0000	-389	37.1078	80.0117		PCV-1	1.8	0.8	1.3 -	0.46	0.62 +	0.74 -	1202.	51.	1.
19	0000	-425	37.1078	80.0122		PCV-1	1.9	0.5	1.6 -	0.28 -	0.34	0.83 -	1218.	53.	1.
20	0000	-464	37.1078	80.0128		PCV-1	1.9	0.6	1.5 -	0.31 -	0.40	0.78 -	1237.	57.	1.
21	0000	-499	37.1079	80.0134		PCV-1	1.9	0.4 -	1.8 -	0.21 -	0.22	0.95 -	1261.	57.	2.
22	0000	-528	37.1079	80.0141		PCV-1	2.0	0.5	1.6 -	0.27 -	0.32	0.83 -	1290.	59.	2.
23	0000	-552	37.1080	80.0146		PCV-1	2.0 +	0.5 -	1.8 -	0.23 -	0.26	0.91 -	1316.	58.	3.
24	0000	-569	37.1080	80.0152		PCV-1	2.0	0.4 -	1.9 -	0.20 --	0.21	0.97 -	1304.	59.	3.
25	0010	-580	37.1080	80.0159		PCV-1	2.0 +	0.4 N.A.	2.0	0.19 N.A.	0.19 N.A.	0.99 -	1310.	58.	4.
26	0010	-583	37.1080	80.0164		PCV-1	1.9	0.4 N.A.	1.9 -	0.24 N.A.	0.24 N.A.	1.00 -	1296.	57.	5.
27	0010	-580	37.1081	80.0170		PCV-1	1.9	0.4 N.A.	2.0	0.20 N.A.	0.19 N.A.	1.06 -	1304.	55.	5.
28	0010	-570	37.1081	80.0175		PCV-1	1.9	0.4 N.A.	2.2	0.22 N.A.	0.18 N.A.	1.18 -	1281.	57.	5.
29	0010	-560	37.1082	80.0182		PCV-1	1.8	0.2 N.A.	2.5	0.09 N.A.	0.06 N.A.	1.34	1274.	55.	6.
30	0010	-550	37.1082	80.0188		PCV-1	1.8	0.3 N.A.	2.3	0.16 N.A.	0.13 N.A.	1.27	1234.	56.	5.
31	0010	-538	37.1083	80.0193		PCV-1	1.8	0.3 N.A.	2.3	0.14 N.A.	0.11 N.A.	1.34	1216.	55.	5.
32	0010	-523	37.1083	80.0200		PCV-1	1.7	0.3 N.A.	2.2	0.15 N.A.	0.12 N.A.	1.26	1201.	53.	4.
33	0000	-510	37.1083	80.0206		PCV-1	1.7	0.3 --	2.2	0.18 --	0.14 -	1.31	1211.	53.	3.
34	0000	-499	37.1084	80.0212		PCV-1	1.7	0.3 -	2.3	0.20 --	0.15 -	1.31	1212.	53.	3.
35	0000	-492	37.1084	80.0218		PCV-1	1.8	0.6	1.9 -	0.31 -	0.30	1.03 -	1252.	53.	2.
36	0000	-487	37.1085	80.0224		PCV-1	1.9	0.6	2.0	0.33	0.31	1.06 -	1254.	52.	1.
37	0000	-478	37.1085	80.0230		PCV-1	1.9	0.5 -	2.2	0.26 -	0.22	1.15 -	1267.	53.	1.
38	0000	-461	37.1085	80.0235		PCV-1	1.9	0.5 -	2.1	0.24 -	0.22	1.11 -	1277.	54.	1.
39	0000	-441	37.1086	80.0242		PCV-1	1.9	0.6	2.1	0.32	0.28	1.14 -	1279.	56.	1.
40	0000	-418	37.1086	80.0247		PCV-1	1.9	0.6	2.0	0.32	0.29	1.09 -	1274.	57.	1.
41	0000	-405	37.1087	80.0253		PCV-1	1.9	0.6	1.9 -	0.30 -	0.30	1.03 -	1277.	57.	1.
42	0000	-410	37.1087	80.0260		PCV-1	1.8	0.4 -	2.0	0.23 -	0.20	1.13 -	1264.	56.	2.
43	0000	-427	37.1087	80.0265		PCV-1	1.7	0.5 -	2.0	0.27 -	0.23	1.15 -	1259.	55.	2.
44	0000	-440	37.1087	80.0271		PCV-1	1.7	0.5	1.7 -	0.31 -	0.32	0.97 -	1241.	57.	2.
45	0000	-446	37.1088	80.0277		PCV-1	1.7	0.6	1.6 -	0.35	0.38	0.92 -	1242.	56.	2.
46	0000	-445	37.1088	80.0283		PCV-1	1.8	0.5 -	1.5 -	0.28 -	0.33	0.85 -	1242.	57.	2.
47	0000	-439	37.1089	80.0289		PCV-1	1.8	0.5 -	1.5 -	0.28 -	0.33	0.87 -	1246.	55.	2.
48	0000	-435	37.1089	80.0295		PCV-1	1.7	0.5 -	1.3 -	0.30 -	0.39	0.78 -	1199.	57.	3.
49	0000	-439	37.1089	80.0301		PCV-1	1.7	0.5 -	1.4 -	0.27 -	0.34	0.80 -	1154.	57.	3.
50	0000	-453	37.1090	80.0307		PCV-1	1.7	0.4 -	1.2 --	0.23 -	0.32	0.72 -	1141.	57.	4.
51	0010	-473	37.1090	80.0313		PCV-1	1.7	0.2 N.A.	1.5 -	0.13 N.A.	0.15 N.A.	0.87 -	1177.	56.	4.

CP 9 1P 12

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0010	-495	37.1091	80.0319	PCV-1	1.8	0.3 N.A.	1.5 -	0.17 N.A.	0.21 N.A.	0.83 -	1198.	56.	4.
53	0010	-516	37.1091	80.0325	PCV-1	1.9	0.3 N.A.	1.5 -	0.15 N.A.	0.20 N.A.	0.79 -	1215.	56.	5.
54	0010	-535	37.1091	80.0331	PCV-1	1.9	0.2 N.A.	1.3 -	0.09 N.A.	0.13 N.A.	0.69 -	1203.	56.	5.
55	0010	-550	37.1091	80.0336	PCV-1	1.9	0.3 N.A.	1.4 -	0.14 N.A.	0.20 N.A.	0.73 -	1199.	54.	5.
56	0000	-561	37.1092	80.0343	PCV-1	1.9	0.4 -	1.3 -	0.23 -	0.34	0.68 -	1192.	53.	4.
57	0000	-571	37.1092	80.0348	PCV-1	1.8	0.4 -	1.2 --	0.23 -	0.36	0.66 -	1163.	57.	4.
58	0000	-580	37.1092	80.0354	PCV-1	1.8	0.5	1.0 --	0.30 -	0.55 +	0.54 -	1128.	56.	4.
59	0000	-588	37.1093	80.0361	PCV-1	1.8	0.6	1.0 --	0.35	0.64 +	0.54 -	1110.	55.	3.
60	0000	-598	37.1093	80.0366	PCV-1	1.7	0.8	1.1 --	0.44	0.69 ++	0.64 -	1096.	55.	2.
61	0000	-608	37.1094	80.0372	PCV-1	1.7	1.1	1.1 --	0.65	0.99 ++	0.66 -	1109.	55.	2.
62	0000	-616	37.1094	80.0378	PCV-1	1.7	1.0	1.0 --	0.61	1.01 ++	0.61 -	1130.	55.	2.
63	0000	-621	37.1095	80.0384	PCV-1	1.7	0.9	1.2 -	0.50	0.69 ++	0.73 -	1150.	58.	3.
64	0000	-624	37.1095	80.0390	PCV-1	1.7	0.9	1.3 -	0.56	0.71 ++	0.78 -	1174.	55.	2.
65	0000	-627	37.1095	80.0396	PCV-1	1.7	0.9	1.9 -	0.51	0.46 ++	1.11 -	1192.	54.	2.
66	0000	-628	37.1095	80.0402	PCV-1	1.7	0.5 -	2.3	0.31 -	0.22	1.38	1210.	54.	3.
67	0010	-629	37.1096	80.0408	PCV-1	1.7	0.3 N.A.	2.6	0.15 N.A.	0.10 N.A.	1.49	1218.	54.	3.
68	0010	-629	37.1097	80.0414	PCV-1	1.8	0.2 N.A.	2.7	0.10 N.A.	0.07 N.A.	1.55 *	1233.	53.	3.
69	0010	-627	37.1097	80.0420	PCV-1	1.8	0.2 N.A.	2.9	0.10 N.A.	0.06 N.A.	1.55	1240.	52.	3.
70	0010	-627	37.1097	80.0426	PCV-1	1.9	0.2 N.A.	3.1	0.13 N.A.	0.08 N.A.	1.69	1241.	50.	3.
71	0010	-626	37.1097	80.0432	PCV-1	1.9	0.1 N.A.	3.5	0.04 N.A.	0.02 N.A.	1.79	1258.	51.	4.
72	0010	-623	37.1098	80.0437	PCV-1	1.9	0.1 N.A.	3.2	0.03 N.A.	0.02 N.A.	1.65	1244.	51.	4.
73	0010	-620	37.1098	80.0444	PCV-1	1.9	0.4 N.A.	2.8	0.22 N.A.	0.15 N.A.	1.49	1228.	48.	4.
74	0000	-617	37.1098	80.0449	PCV-1	1.8	0.8	2.5	0.43	0.30	1.40	1209.	48.	5.
75	0000	-613	37.1098	80.0455	PCV-1	1.7	0.6	2.2	0.38	0.28	1.33	1175.	50.	5.
76	0000	-611	37.1099	80.0462	PCV-1	1.6	0.6	2.2	0.38	0.29	1.34	1153.	50.	5.
77	0000	-614	37.1100	80.0467	PCV-1	1.6	0.5 -	2.0	0.32	0.25	1.29	1147.	51.	5.
78	0000	-620	37.1100	80.0473	PCV-1	1.6	0.5 -	1.6 -	0.31 -	0.30	1.02 -	1135.	49.	5.
79	0000	-625	37.1100	80.0479	PCV-1	1.6	0.6	1.7 -	0.35	0.34	1.02 -	1147.	47.	5.
80	0010	-629	37.1100	80.0485	PCV-1	1.7	0.3 N.A.	1.8 -	0.16 N.A.	0.15 N.A.	1.06 -	1145.	49.	6.
81	0010	-630	37.1101	80.0491	PCV-1	1.7	0.1 N.A.	1.9	0.07 N.A.	0.06 N.A.	1.14 -	1172.	49.	6.
82	0010	-630	37.1101	80.0497	PCV-1	1.7	0.2 N.A.	2.4	0.12 N.A.	0.08 N.A.	1.46	1186.	48.	6.
83	0010	-631	37.1102	80.0503	PCV-1	1.7	0.2 N.A.	2.8	0.12 N.A.	0.07 N.A.	1.69	1217.	48.	7.
84	0010	-630	37.1102	80.0509	PCV-1	1.7	0.4 N.A.	2.8	0.23 N.A.	0.14 N.A.	1.65	1234.	46.	8.
85	0000	-630	37.1102	80.0515	PCV-1	1.6	0.4 -	3.5	0.26 -	0.12 -	2.16	1246.	46.	8.
86	0010	-630	37.1103	80.0521	PCV-1	1.5	0.4 N.A.	3.6	0.26 N.A.	0.11 N.A.	2.38	1252.	48.	9.
87	0000	-629	37.1103	80.0527	PCV-1	1.5	0.7	4.1	0.46	0.17	2.78 +	1270.	49.	9.
88	0000	-629	37.1104	80.0533	PCV-1	1.5	0.5 -	4.6	0.34	0.11 -	3.15 +	1289.	48.	9.
89	0010	-629	37.1104	80.0538	PCV-1	1.5	0.4 N.A.	4.3	0.29 N.A.	0.10 N.A.	2.80 +	1312.	46.	10.
90	0010	-630	37.1104	80.0545	PCV-1	1.6	0.4 N.A.	4.4	0.26 N.A.	0.09 N.A.	2.83 +	1321.	45.	10.
91	0000	-631	37.1105	80.0550	PCV-1	1.6	0.5 -	4.2	0.32	0.12 -	2.74	1325.	47.	8.
92	0000	-631	37.1105	80.0556	PCV-1	1.5	0.6	3.9	0.41	0.16 -	2.60	1313.	47.	7.
93	0000	-630	37.1105	80.0563	PCV-1	1.5	0.8	3.8	0.52	0.21	2.53	1308.	46.	5.
94	0000	-628	37.1106	80.0568	PCV-1	1.4	0.6	3.5	0.44	0.18	2.41	1253.	46.	4.
95	0000	-623	37.1106	80.0574	PCV-1	1.3 -	0.8	2.9	0.58	0.27	2.13	1165.	48.	3.
96	0000	-619	37.1107	80.0580	PCV-1	1.2 -	0.8	3.0	0.64	0.26	2.45	1102.	48.	2.
97	0000	-618	37.1107	80.0586	PCV-1	1.1 -	0.8	2.9	0.73	0.29	2.54	1044.	48.	1.
98	0000	-615	37.1107	80.0592	PCV-1	1.1 --	0.7	2.9	0.69	0.26	2.70	1011.	47.	1.
99	0000	-611	37.1108	80.0598	PCV-1	1.1 -	0.7	2.7	0.60	0.24	2.50	994.	46.	1.
100	0000	-608	37.1108	80.0604	PCV-1	1.2 -	0.6	2.7	0.55	0.24	2.34	999.	46.	1.
101	0000	-605	37.1109	80.0610	PCV-1	1.2 -	0.7	2.7	0.61	0.27	2.27	1037.	44.	2.
102	0000	-601	37.1109	80.0616	PCV-1	1.3 -	0.8	3.1	0.59	0.25	2.40	1097.	42.	2.

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-599	37.1109	80.0622	PCV-1	1.3 -	0.8	3.6	0.60	0.23	2.64	1148.	44.	2.
104	0000	599	37.1110	80.0628	PCV-1	1.4	0.8	3.6	0.56	0.22	2.54	1204.	45.	3.
105	0000	-601	37.1110	80.0634	PCV-1	1.5	0.9	4.1	0.57	0.21	2.70	1266.	47.	3.
106	0000	-605	37.1111	80.0639	PCV-1	1.6	0.9	4.6	0.56	0.19	2.96 +	1350.	48.	4.
107	0000	-611	37.1111	80.0646	PCV-1	1.5	1.1	4.8 +	0.70	0.23	3.12 +	1401.	49.	4.
108	0000	-617	37.1111	80.0651	PCV-1	1.6	1.1	4.8 +	0.67	0.23	2.92 +	1461.	50.	4.
109	0000	-622	37.1111	80.0657	PCV-1	1.8	0.9	5.2 +	0.53	0.18	2.97 +	1551.	51.	4.
110	0000	-626	37.1112	80.0664	PCV-1	1.8	1.0	5.0 +	0.57	0.21	2.72	1603.	50.	4.
111	0000	-629	37.1112	80.0669	PCV-1	1.9	1.2	5.4 +	0.64	0.23	2.84 +	1654.	50.	3.
112	0000	-631	37.1112	80.0676	PCV-1	1.9	1.2	5.4 +	0.63	0.22	2.88 +	1656.	48.	3.
113	0000	-634	37.1112	80.0681	PCV-1	1.9	1.3 +	5.2 +	0.73	0.26	2.80 +	1617.	46.	3.
114	0000	-637	37.1112	80.0687	PCV-1	1.9	1.0	5.2 +	0.54	0.20	2.78 +	1595.	44.	2.
115	0000	-639	37.1113	80.0692	PCV-1	1.8	1.0	5.5 +	0.54	0.18	3.00 +	1554.	43.	2.
116	0000	-638	37.1112	80.0697	PCV-1	1.7	1.1	4.9 +	0.66	0.23	2.88 +	1461.	44.	2.
117	0000	-634	37.1112	80.0702	PCV-1	1.6	1.0	4.5	0.64	0.23	2.76 +	1408.	44.	2.
118	0000	-629	37.1112	80.0707	PCV-1	1.6	0.9	3.8	0.59	0.24	2.44	1334.	44.	3.
119	0000	-625	37.1112	80.0712	PCV-1	1.6	0.8	3.7	0.51	0.22	2.29	1318.	44.	3.
120	0000	-622	37.1112	80.0717	PCV-1	1.7	0.7	3.6	0.43	0.19	2.19	1306.	47.	3.
121	0000	-621	37.1112	80.0722	PCV-1	1.7	0.7	3.6	0.44	0.21	2.16	1317.	47.	3.
122	0000	-621	37.1111	80.0727	PCV-1	1.8	0.6	3.5	0.36	0.18	1.99	1331.	47.	3.
123	0000	-621	37.1111	80.0732	PCV-1	1.8	0.5	3.8	0.33	0.16 -	2.05	1363.	47.	3.
124	0000	-620	37.1111	80.0737	PCV-1	1.9	0.7	3.8	0.37	0.18	2.02	1381.	45.	3.
125	0000	-619	37.1111	80.0742	PCV-1	1.9	0.5	4.1	0.29 -	0.13 -	2.18	1404.	44.	2.
126	0000	-620	37.1111	80.0747	PCV-1	1.8	0.8	3.7	0.42	0.21	2.05	1393.	45.	2.
127	0000	-621	37.1111	80.0753	PCV-1	1.8	0.7	3.5	0.40	0.21	1.92	1386.	44.	3.
128	0000	-624	37.1110	80.0758	PCV-1	1.8	0.8	3.2	0.43	0.24	1.80	1342.	45.	3.
129	0000	-629	37.1110	80.0763	PCV-1	1.7	0.7	2.9	0.42	0.25	1.69	1308.	44.	3.
130	0000	-635	37.1110	80.0768	PCV-1	1.7	0.7	2.4	0.41	0.29	1.40	1277.	45.	4.
131	0000	-642	37.1110	80.0773	PCV-1	1.8	0.5 -	2.3	0.27 -	0.20	1.30	1248.	50.	5.
132	0000	-646	37.1110	80.0778	PCV-1	1.8	0.5 -	2.1	0.29 -	0.24	1.17 -	1240.	51.	5.
133	0010	-650	37.1110	80.0783	PCV-1	1.9	0.2 N.A.	2.2	0.09 N.A.	0.08 N.A.	1.20 -	1261.	50.	7.
134	0000	-655	37.1109	80.0788	PCV-1	2.0	0.4 -	2.2	0.19 --	0.17	1.13 -	1298.	49.	7.
135	0000	-659	37.1109	80.0793	PCV-1	2.0 +	0.4 -	2.3	0.20 --	0.18	1.11 -	1333.	50.	7.
136	0000	-662	37.1109	80.0798	PCV-1	2.0 +	0.5 -	2.4	0.24 -	0.21	1.18 -	1354.	51.	7.
137	0000	-664	37.1109	80.0803	PCV-1	2.0 +	0.6	2.5	0.30 -	0.25	1.23	1374.	50.	6.
138	0000	-664	37.1109	80.0808	PCV-1	2.0	0.7	2.5	0.34	0.27	1.26	1387.	46.	5.
139	0000	-665	37.1109	80.0813	PCV-1	1.9	0.9	2.1	0.46	0.41	1.11 -	1387.	45.	4.
140	0000	-667	37.1108	80.0818	PCV-1	1.8	1.0	1.8 -	0.55	0.57 +	0.96 -	1345.	46.	3.
141	0000	-668	37.1109	80.0824	PCV-1	1.7	0.9	1.6 -	0.51	0.55 +	0.92 -	1280.	48.	2.
142	0000	-669	37.1109	80.0829	PCV-1	1.6	0.8	1.4 -	0.49	0.55 +	0.89 -	1214.	49.	2.
143	0000	-668	37.1108	80.0834	PCV-1	1.6	0.7	1.2 --	0.46	0.58 +	0.79 -	1170.	49.	2.
144	0000	-668	37.1108	80.0839	PCV-1	1.5	0.5 -	1.3 -	0.32	0.38	0.82 -	1117.	52.	4.
145	0000	-667	37.1108	80.0844	PCV-1	1.6	0.4 -	1.2 --	0.23 -	0.30	0.78 -	1083.	53.	5.
146	0010	-666	37.1107	80.0849	PCV-1	1.6	0.1 N.A.	1.2 --	0.07 N.A.	0.09 N.A.	0.78 -	1039.	55.	6.
147	0010	-666	37.1108	80.0854	PCV-1	1.5	0.0 N.A.	1.4 -	0.0 N.A.	0.0 N.A.	0.90 -	1021.	54.	8.
148	0010	-666	37.1108	80.0859	PCV-1	1.5	0.0 N.A.	1.5 -	0.0 N.A.	0.0 N.A.	1.00 -	995.	54.	8.
149	0010	-665	37.1107	80.0864	PCV-1	1.4	0.0 N.A.	1.6 -	0.0 N.A.	0.0 N.A.	1.15 -	966.	54.	8.
150	0010	-663	37.1107	80.0869	PCV-1	1.4 -	0.0 N.A.	1.5 -	0.0 N.A.	0.0 N.A.	1.11 -	927.	55.	8.
151	0010	-663	37.1107	80.0874	PCV-1	1.3 -	0.0 N.A.	1.4 -	0.03 N.A.	0.03 N.A.	1.07 -	895.	53.	7.
152	0000	-661	37.1107	80.0879	PCV-1	1.1 -	0.2 ---	1.3 -	0.15 --	0.13 -	1.12 -	845.	53.	6.
153	0000	-658	37.1107	80.0884	PCV-1	1.0 --	0.3 --	1.3 -	0.23 -	0.21	1.33	804.	52.	5.

TAGS						VALUES AND STATISTICAL SIGNIFICANCES														
ID	QUAL (A.UT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT		URANIUM PPM		THORIUM PPM		U / K		U / TH		TH / K		GROSS CPS	COS CPS	UAIR CPS
154	0000	-656	37.1106	80.0889	PCV-1	0.9	--	0.5	-	1.2	--	0.50		0.41		1.33		755.	54.	3.
155	0000	-653	37.1106	80.0895	PCV-1	0.9	--	0.5	-	1.0	--	0.52		0.48	+	1.08	-	726.	55.	4.
156	0000	-652	37.1106	80.0900	PCV-1	0.9	--	0.4	-	0.8	--	0.42		0.47	+	1.00	-	715.	54.	4.
157	0000	-653	37.1105	80.0905	PCV-1	0.9	--	0.3	--	1.2	--	0.34		0.28		1.30		712.	53.	4.
158	0000	-653	37.1105	80.0910	PCV-1	0.9	--	0.3	--	1.1	--	0.32		0.26		1.20	-	714.	53.	4.
159	0000	-653	37.1106	80.0915	PCV-1	1.0	--	0.2	---	1.2	--	0.18	--	0.14	-	1.17		728.	53.	4.
160	0010	-654	37.1105	80.0920	PCV-1	1.0	--	0.1	N.A.	1.0	--	0.13	N.A.	0.13	N.A.	1.04	-	743.	55.	4.
161	0010	-654	37.1105	80.0925	PCV-1	1.0	--	0.1	N.A.	1.1	--	0.08	N.A.	0.07	N.A.	1.08	-	760.	56.	4.
162	0000	-654	37.1105	80.0930	PCV-1	1.0	--	0.3	--	1.1	--	0.26	-	0.24		1.09	-	796.	53.	3.
163	0000	-654	37.1105	80.0935	PCV-1	1.1	-	0.4	-	1.2	-	0.40		0.35		1.13	-	843.	54.	3.
164	0000	-655	37.1105	80.0940	PCV-1	1.2	-	0.6		1.3	-	0.50		0.44	+	1.15	-	887.	54.	2.
165	0000	-655	37.1105	80.0945	PCV-1	1.2	-	0.4	-	1.3	-	0.36		0.23		1.56		915.	53.	2.
166	0000	-655	37.1104	80.0950	PCV-1	1.2	-	0.4	-	2.2		0.34		0.19		1.80		919.	54.	2.
167	0000	-656	37.1104	80.0955	PCV-1	1.2	-	0.4	-	2.5		0.33		0.16	-	2.08		932.	51.	2.
168	0000	-655	37.1104	80.0960	PCV-1	1.2	-	0.5	-	2.6		0.40		0.20		2.22		951.	50.	2.
169	0010	-653	37.1104	80.0966	PCV-1	1.2	-	0.3	N.A.	2.7		0.24	N.A.	0.10	N.A.	2.26		943.	51.	3.
170	0000	-654	37.1104	80.0971	PCV-1	1.2	-	0.3	--	2.6		0.25	-	0.11	-	2.29		924.	52.	3.
171	0000	-654	37.1104	80.0976	PCV-1	1.1	-	0.3	--	2.3		0.28	-	0.13	-	2.09		915.	53.	3.
172	0000	-653	37.1103	80.0981	PCV-1	1.1	-	0.4	-	2.1		0.40		0.21		1.88		912.	54.	3.
173	0000	-652	37.1103	80.0986	PCV-1	1.1	-	0.5	-	2.0		0.43		0.25		1.74		944.	52.	3.
174	0000	-651	37.1104	80.0991	PCV-1	1.2	-	0.3	--	1.9	-	0.26	-	0.17		1.45		949.	57.	3.
175	0010	-651	37.1103	80.0996	PCV-1	1.3	-	0.1	N.A.	2.0		0.04	N.A.	0.03	N.A.	1.57		964.	56.	4.
176	0000	-653	37.1103	80.1001	PCV-1	1.3	-	0.1	---	2.3		0.07	---	0.04	---	1.75		1005.	56.	4.
177	0010	-653	37.1103	80.1006	PCV-1	1.4		0.0	N.A.	2.3		0.0	N.A.	0.0	N.A.	1.63		1052.	54.	5.
178	0010	-650	37.1102	80.1011	PCV-1	1.4		0.0	N.A.	2.5		0.0	N.A.	0.0	N.A.	1.76		1060.	52.	5.
179	0010	-647	37.1102	80.1016	PCV-1	1.4		0.0	N.A.	2.5		0.0	N.A.	0.0	N.A.	1.73		1063.	53.	7.
180	0010	-641	37.1102	80.1021	PCV-1	1.4		0.0	N.A.	2.4		0.0	N.A.	0.0	N.A.	1.72		1048.	51.	7.
181	0010	-630	37.1102	80.1026	PCV-1	1.3	-	0.1	N.A.	2.5		0.04	N.A.	0.03	N.A.	1.95		1045.	48.	6.
182	0000	-617	37.1102	80.1031	PCV-1	1.3	-	0.5	-	2.3		0.36		0.20		1.80		1033.	48.	5.
183	0000	-607	37.1102	80.1037	PCV-1	1.3	-	0.4	-	1.8	-	0.31		0.21		1.37		991.	50.	4.
184	0000	-602	37.1102	80.1042	PCV-1	1.2	-	0.5		1.7	-	0.40		0.34		1.41		953.	51.	3.
185	0000	-601	37.1102	80.1047	PCV-1	1.2	-	0.7		1.6	-	0.55		0.42	+	1.30		951.	50.	3.
186	0000	-605	37.1102	80.1052	PCV-1	1.2	-	0.8		1.7	-	0.63		0.45	+	1.38		960.	49.	0.
187	0000	-612	37.1101	80.1057	PCV-1	1.3	-	0.8		1.7	-	0.64		0.48	+	1.32		994.	49.	0.
188	0000	-620	37.1101	80.1062	PCV-1	1.3	-	0.8		1.5	-	0.61		0.54	+	1.12	-	1030.	51.	0.
189	0000	-627	37.1100	80.1067	PCV-1	1.3	-	0.8		1.7	-	0.61		0.48	+	1.26		1052.	50.	0.
190	0000	-633	37.1100	80.1072	PCV-1	1.4		0.8		1.9	-	0.57		0.43	+	1.32		1102.	46.	0.
191	0000	-638	37.1101	80.1077	PCV-1	1.6		0.8		2.0		0.53		0.41		1.28		1132.	49.	0.
192	0000	-644	37.1100	80.1082	PCV-1	1.7		0.8		2.0		0.48		0.41		1.16	-	1171.	53.	0.
193	0000	-649	37.1100	80.1087	PCV-1	1.8		0.6		2.0		0.35		0.32		1.08	-	1205.	53.	0.
194	0000	-652	37.1100	80.1092	PCV-1	1.9		0.5		2.1		0.26	-	0.25		1.12	-	1221.	54.	1.
195	0000	-655	37.1100	80.1097	PCV-1	1.9		0.4	-	2.2		0.22	-	0.20		1.13	-	1232.	52.	1.
196	0000	-660	37.1100	80.1102	PCV-1	2.0	+	0.4	-	2.1		0.21	-	0.20		1.06	-	1271.	52.	2.
197	0010	-664	37.1100	80.1108	PCV-1	2.0	+	0.4	N.A.	2.4		0.19	N.A.	0.16	N.A.	1.19	-	1295.	53.	3.
198	0010	-667	37.1099	80.1113	PCV-1	2.0		0.3	N.A.	2.2		0.15	N.A.	0.14	N.A.	1.12	-	1315.	50.	4.
199	0010	-670	37.1099	80.1118	PCV-1	1.9		0.3	N.A.	2.2		0.17	N.A.	0.15	N.A.	1.17	-	1307.	48.	4.
200	0010	-674	37.1099	80.1123	PCV-1	1.8		0.3	N.A.	2.2		0.16	N.A.	0.13	N.A.	1.27		1275.	50.	5.
201	0010	-677	37.1099	80.1128	PCV-1	1.7		0.2	N.A.	2.0		0.12	N.A.	0.10	N.A.	1.19	-	1241.	53.	5.
202	0010	-680	37.1099	80.1133	PCV-1	1.6		0.3	N.A.	2.0		0.19	N.A.	0.16	N.A.	1.24		1218.	53.	5.
203	0000	-682	37.1099	80.1138	PCV-1	1.5		0.5	-	1.8	-	0.33		0.29		1.20		1175.	53.	5.
204	0000	-683	37.1098	80.1143	PCV-1	1.5		0.5	-	1.8	-	0.33		0.25		1.23		1141.	54.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES									
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-685	37.1098	80.1148	PCV-1	1.5	0.4 -	2.1	0.26 -	0.18			1130.	54.	3.
206	0010	-686	37.1098	80.1154	PCV-1	1.5	0.2 N.A.	2.2	0.16 N.A.	0.11 N.A.			1109.	57.	3.
207	0000	-683	37.1098	80.1158	PCV-1	1.6	0.3 -	1.9 -	0.22 -	0.13		-	1106.	57.	2.
208	0000	-681	37.1098	80.1163	PCV-1	1.6	0.5 -	1.7 -	0.32	0.30		-	1105.	56.	1.
209	0000	-679	37.1098	80.1168	PCV-1	1.6	0.5 -	1.8 -	0.31 -	0.27		-	1113.	57.	1.
210	0000	-675	37.1097	80.1173	PCV-1	1.5	0.4 -	1.8 -	0.29 -	0.25		-	1106.	56.	1.
211	0000	-669	37.1097	80.1179	PCV-1	1.5	0.5 -	1.8 -	0.32	0.26			1087.	57.	1.
212	0000	-664	37.1097	80.1184	PCV-1	1.5	0.4 -	1.7 -	0.29 -	0.26		-	1057.	59.	1.
213	0000	-656	37.1097	80.1189	PCV-1	1.5	0.7	1.8 -	0.48	0.39			1063.	57.	1.
214	0000	-649	37.1097	80.1194	PCV-1	1.4	0.6	2.0	0.45	0.32			1060.	58.	1.
215	0000	-644	37.1097	80.1199	PCV-1	1.4 -	0.5 -	2.2	0.34	0.22			1057.	58.	1.
216	0000	-641	37.1096	80.1204	PCV-1	1.4 -	0.5 -	2.4	0.36	0.20			1071.	57.	1.
217	0000	-641	37.1096	80.1209	PCV-1	1.4 -	0.3 --	2.6	0.22 -	0.12 -			1082.	58.	2.
218	0010	-644	37.1096	80.1214	PCV-1	1.4	0.2 N.A.	2.9	0.11 N.A.	0.05 N.A.			1103.	60.	2.
219	0000	-652	37.1096	80.1219	PCV-1	1.4 -	0.3 --	3.3	0.21 -	0.09 --			1132.	60.	2.
220	0000	-658	37.1096	80.1225	PCV-1	1.3 -	0.3 --	3.6	0.22 -	0.08 --			1159.	59.	2.
221	0000	-662	37.1096	80.1229	PCV-1	1.3 -	0.5	3.8	0.41	0.14 -			1201.	56.	1.
222	0000	-667	37.1095	80.1234	PCV-1	1.3 -	0.8	4.1	0.63	0.20			1227.	54.	1.
223	0000	-671	37.1095	80.1239	PCV-1	1.3 -	0.9	4.3	0.69	0.20			1235.	59.	1.
224	0000	-673	37.1095	80.1244	PCV-1	1.3 -	0.9	5.1 +	0.70	0.18			1268.	58.	1.
225	0000	-674	37.1095	80.1250	PCV-1	1.3 -	1.0	5.1 +	0.83 +	0.20			1291.	56.	0.
226	0000	-676	37.1095	80.1255	PCV-1	1.2 -	1.0	5.3 +	0.84 +	0.20			1295.	59.	0.
227	0000	-677	37.1095	80.1260	PCV-1	1.3 -	0.9	5.4 +	0.71	0.17			1298.	61.	1.
228	0000	-678	37.1095	80.1265	PCV-1	1.4 -	0.9	5.6 +	0.66	0.16 -			1319.	63.	1.
229	0000	-679	37.1095	80.1270	PCV-1	1.5	0.8	5.5 +	0.52	0.14 -			1347.	63.	1.
230	0000	-681	37.1094	80.1275	PCV-1	1.6	0.6	5.5 +	0.39	0.11 -			1369.	62.	1.
231	0000	-682	37.1094	80.1280	PCV-1	1.6	0.6	4.9 +	0.38	0.13 -			1371.	64.	1.
232	0000	-682	37.1094	80.1285	PCV-1	1.7	0.6	4.8 +	0.36	0.13 -			1375.	65.	1.
233	0000	-683	37.1094	80.1290	PCV-1	1.8	0.5	4.4	0.31 -	0.13 -			1381.	64.	0.
234	0000	-683	37.1094	80.1295	PCV-1	1.8	0.5 -	4.3	0.28 -	0.11 -			1383.	62.	0.
235	0000	-682	37.1094	80.1301	PCV-1	1.7	0.4 -	4.0	0.23 -	0.10 --			1340.	61.	0.
236	0000	-681	37.1093	80.1306	PCV-1	1.7	0.4 -	3.8	0.26 -	0.11 -			1300.	63.	0.
237	0000	-679	37.1093	80.1310	PCV-1	1.6	0.5	3.3	0.33	0.16 -			1253.	63.	1.
238	0000	-677	37.1093	80.1316	PCV-1	1.5	0.5	3.3	0.35	0.16 -			1228.	61.	1.
239	0000	-678	37.1093	80.1321	PCV-1	1.5	0.6	2.9	0.39	0.20			1202.	60.	2.
240	0000	-678	37.1093	80.1326	PCV-1	1.5	0.6	3.3	0.44	0.19			1200.	56.	2.
241	0000	-678	37.1093	80.1331	PCV-1	1.5	0.7	3.6	0.46	0.19			1195.	55.	2.
242	0000	-679	37.1092	80.1336	PCV-1	1.4	0.8	3.5	0.52	0.22			1200.	56.	3.
243	0000	-679	37.1092	80.1342	PCV-1	1.4	0.7	3.8	0.51	0.19			1216.	56.	2.
244	0000	-680	37.1092	80.1346	PCV-1	1.4	0.8	4.0	0.56	0.20			1233.	53.	2.
245	0000	-682	37.1092	80.1351	PCV-1	1.4	0.8	4.2	0.58	0.19			1242.	54.	2.
246	0000	-683	37.1092	80.1356	PCV-1	1.4 -	0.8	4.6	0.61	0.18			1259.	53.	1.
247	0000	-684	37.1092	80.1361	PCV-1	1.4	1.0	4.4	0.73	0.23			1286.	56.	1.
248	0000	-686	37.1091	80.1367	PCV-1	1.5	1.3 +	4.3	0.87 +	0.30			1331.	57.	1.
249	0000	-686	37.1091	80.1372	PCV-1	1.5	1.3 +	4.9 +	0.83 +	0.26			1392.	57.	0.
250	0000	-686	37.1091	80.1376	PCV-1	1.6	1.2	5.1 +	0.71	0.23			1448.	56.	1.
251	0000	-686	37.1091	80.1381	PCV-1	1.7	1.0	5.2 +	0.60	0.20			1475.	58.	1.
252	0000	-686	37.1091	80.1387	PCV-1	1.8	1.0	5.0 +	0.59	0.21			1482.	57.	1.
253	0000	-685	37.1091	80.1392	PCV-1	1.8	1.0	4.8 +	0.55	0.20			1475.	58.	2.
254	0000	-685	37.1090	80.1397	PCV-1	1.7	0.7	4.9 +	0.41	0.14 -			1442.	56.	2.
255	0000	-685	37.1091	80.1402	PCV-1	1.7	0.5 -	4.5	0.27 -	0.10 --			1397.	56.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-685	37.1091	80.1407	PCV-1	1.7	0.4 -	3.9	0.26 -	0.11 -	2.32	1375.	56.	4.
257	0000	-684	37.1090	80.1413	PCV-1	1.7	0.6	3.7	0.34	0.16 -	2.12	1374.	56.	4.
258	0000	-684	37.1090	80.1417	PCV-1	1.8	0.6	3.8	0.33	0.15 -	2.19	1391.	57.	4.
259	0000	-683	37.1090	80.1422	PCV-1	1.8	0.4 -	4.0	0.24 -	0.11 -	2.22	1424.	57.	6.
260	0000	-680	37.1090	80.1427	PCV-1	1.8	0.5 -	3.8	0.27 -	0.13 -	2.08	1457.	57.	7.
261	0000	-678	37.1090	80.1432	PCV-1	1.9	0.7	4.0	0.35	0.16	2.13	1508.	58.	6.
262	0000	-676	37.1089	80.1438	PCV-1	1.8	0.7	4.4	0.37	0.15 -	2.42	1536.	58.	6.
263	0000	-673	37.1089	80.1443	PCV-1	1.8	0.6	4.9 +	0.31 -	0.11 -	2.73	1536.	59.	6.
264	0000	-670	37.1089	80.1447	PCV-1	1.7	0.5 -	5.2 +	0.28 -	0.10 --	2.99 +	1511.	57.	7.
265	0000	-666	37.1089	80.1452	PCV-1	1.7	0.5 -	4.8 +	0.28 -	0.10 -	2.75	1502.	56.	7.
266	0000	-662	37.1089	80.1458	PCV-1	1.7	0.5 -	4.8 +	0.29 -	0.11 -	2.76 +	1499.	57.	7.
267	0000	-655	37.1089	80.1463	PCV-1	1.7	0.4 -	5.0 +	0.21 -	0.07 --	3.03 +	1460.	57.	6.
268	0000	-647	37.1088	80.1468	PCV-1	1.6	0.4 -	4.7 +	0.26 -	0.09 --	2.95 +	1425.	59.	6.
269	0000	-640	37.1088	80.1473	PCV-1	1.6	0.4 -	4.7	0.28 -	0.10 --	2.89 +	1414.	56.	6.
270	0000	-632	37.1088	80.1479	PCV-1	1.6	0.6	4.7	0.40	0.14 -	2.91 +	1448.	55.	6.
271	0000	-623	37.1088	80.1483	PCV-1	1.6	0.8	4.7	0.47	0.16 -	2.91 +	1472.	58.	5.
272	0000	-618	37.1088	80.1488	PCV-1	1.5	1.0	5.1 +	0.66	0.20	3.37 +	1487.	59.	4.
273	0000	-621	37.1088	80.1494	PCV-1	1.4	1.3 +	5.5 +	0.92 +	0.24	3.83 ++	1500.	57.	3.
274	0000	-627	37.1087	80.1498	PCV-2	1.4 -	1.6	6.1 -	1.09 +	0.26	4.21	1543.	56.	1.
275	0000	-635	37.1087	80.1504	PCV-2	1.5 -	1.5	6.4 -	1.05 +	0.24	4.32	1578.	54.	1.
276	0000	-642	37.1087	80.1509	PCV-2	1.5 -	1.6	6.5 -	1.07 +	0.24	4.41	1613.	56.	2.
277	0000	-650	37.1087	80.1514	PCV-2	1.5 -	1.4	6.9	0.93	0.20	4.70	1605.	55.	2.
278	0000	-658	37.1087	80.1519	PCV-2	1.5 -	1.3	7.2	0.86	0.18	4.81	1649.	53.	3.
279	0000	-663	37.1087	80.1524	PCV-2	1.6 -	1.1	7.7	0.66	0.14	4.83	1706.	52.	3.
280	0000	-667	37.1086	80.1529	PCV-2	1.7 -	0.9 -	8.2	0.57	0.12 -	4.91 +	1755.	53.	4.
281	0000	-667	37.1086	80.1534	PCV-2	1.7 -	1.0 -	8.6	0.55	0.11 -	5.02 +	1810.	55.	4.
282	0000	-666	37.1086	80.1539	PCV-2	1.7 -	0.9 -	9.3	0.53	0.10 -	5.32 +	1853.	55.	4.
283	0000	-667	37.1086	80.1544	PCV-2	1.8	1.0	9.8	0.56	0.10 -	5.35 +	1888.	56.	3.
284	0000	-666	37.1086	80.1550	PCV-2	1.9	1.1	9.8	0.58	0.11 -	5.26 +	1922.	57.	2.
285	0000	-664	37.1086	80.1555	PCV-2	1.9	1.1	10.3 +	0.60	0.11 -	5.57 +	1936.	58.	1.
286	0000	-663	37.1085	80.1560	PCV-2	1.8	1.3	10.4 +	0.71	0.12	5.71 +	1957.	58.	1.
287	0000	-661	37.1085	80.1564	PCV-2	1.9	1.4	10.6 +	0.73	0.13	5.63 +	1995.	59.	0.
288	0000	-660	37.1086	80.1569	PCV-2	1.9	1.3	10.9 +	0.65	0.11 -	5.65 +	2042.	57.	0.
289	0000	-658	37.1085	80.1575	PCV-2	2.1	1.2	10.9 +	0.60	0.11 -	5.29 +	2125.	57.	0.
290	0000	-656	37.1085	80.1580	PCV-2	2.1	1.1	11.6 +	0.51	0.09 -	5.46 +	2189.	57.	0.
291	0000	-655	37.1085	80.1585	PCV-2	2.2	1.2	11.9 +	0.54	0.10 -	5.38 +	2256.	56.	0.
292	0000	-653	37.1084	80.1590	PCV-2	2.3	1.2	11.6 +	0.54	0.11 -	5.01 +	2292.	57.	0.
293	0000	-653	37.1084	80.1594	PCV-2	2.4	1.3	11.6 +	0.56	0.12 -	4.86	2308.	57.	0.
294	0000	-654	37.1084	80.1600	PCV-2	2.4	1.3	12.0 +	0.52	0.10 -	4.96 +	2344.	57.	0.
295	0000	-652	37.1084	80.1606	PCV-2	2.4	1.4	12.1 +	0.58	0.11 -	5.03 +	2382.	57.	0.
296	0000	-652	37.1084	80.1610	PCV-2	2.4	1.5	12.6 ++	0.62	0.12 -	5.28 +	2406.	59.	0.
297	0000	-653	37.1084	80.1615	PCV-2	2.4	1.6	12.7 ++	0.68	0.13	5.37 +	2440.	58.	0.
298	0000	-652	37.1084	80.1621	PCV-2	2.3	1.5	13.2 ++	0.66	0.12 -	5.68 +	2447.	59.	0.
299	0000	-651	37.1084	80.1626	PCV-2	2.3	1.5	13.8 ++	0.67	0.11 -	6.08 +	2464.	58.	0.
300	0000	-651	37.1083	80.1631	PCV-2	2.2	1.4	14.4 ++	0.62	0.10 -	6.39 ++	2472.	57.	0.
301	0000	-649	37.1083	80.1635	PCV-2	2.2	1.4	14.3 ++	0.64	0.10 -	6.52 ++	2440.	57.	0.
302	0000	-649	37.1083	80.1640	PCV-2	2.2	1.4	14.0 ++	0.66	0.10 -	6.38 ++	2406.	58.	0.
303	0000	-650	37.1082	80.1646	PCV-2	2.2	1.2	13.8 ++	0.53	0.08 -	6.35 ++	2337.	58.	0.
304	0000	-651	37.1082	80.1651	PCV-2	2.2	1.0	13.4 ++	0.47	0.08 --	6.23 ++	2289.	56.	0.
305	0000	-652	37.1082	80.1656	PCV-2	2.1	1.1	12.8 ++	0.55	0.09 -	6.08 +	2266.	55.	0.
306	0000	-651	37.1082	80.1660	PCV-2	2.2	1.1	12.3 ++	0.50	0.09 -	5.67 +	2262.	56.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 705

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-649	37.1082	80.1665	PCV-2	2.2	1.1	12.0 +	0.51	0.09 -	5.47 +	2245.	58.	0.
308	0000	-648	37.1082	80.1672	PCV-2	2.3	1.1	11.3 +	0.49	0.10 -	4.90 +	2242.	60.	0.
309	0000	-648	37.1082	80.1676	PCV-2	2.4	1.1	10.7 +	0.45 -	0.10 -	4.46	2226.	60.	0.
310	0000	-647	37.1082	80.1681	PCV-2	2.5	1.1	9.9	0.45 -	0.11 -	4.02	2193.	61.	0.
311	0000	-645	37.1082	80.1686	PCV-2	2.5	1.3	8.9	0.52	0.15	3.59	2123.	63.	0.
312	0000	-644	37.1081	80.1692	PCV-2	2.5	1.1	8.1	0.46 -	0.14	3.28	2035.	66.	0.
313	0000	-643	37.1081	80.1697	PCV-2	2.4	1.2	7.3	0.51	0.17	3.08	1931.	67.	0.
314	0000	-641	37.1081	80.1702	PCV-2	2.3	1.1	6.6 -	0.49	0.17	2.88 -	1860.	63.	0.
315	0000	-639	37.1080	80.1707	PCV-2	2.2	0.9 -	6.4 -	0.43 -	0.15	2.91 -	1790.	63.	0.
316	0000	-637	37.1080	80.1711	PCV-2	2.1	0.9 -	6.0 -	0.45 -	0.16	2.86 -	1734.	64.	0.
317	0000	-636	37.1081	80.1717	PCV-2	2.0	1.0	6.2 -	0.52	0.17	3.12	1709.	63.	1.
318	0000	-635	37.1080	80.1722	PCV-2	2.0	0.8 -	6.6 -	0.42 -	0.13	3.37	1697.	63.	1.
319	0000	-635	37.1080	80.1727	PCV-2	1.9	0.9 -	6.9	0.46 -	0.13	3.57	1690.	60.	1.
320	0000	-634	37.1080	80.1732	PCV-2	1.9	0.7 -	7.1	0.37 -	0.10 -	3.71	1681.	58.	2.
321	0000	-633	37.1080	80.1737	PCV-2	1.9	0.7 --	7.1	0.37 -	0.10 -	3.79	1663.	59.	2.
322	0000	-634	37.1080	80.1743	PCV-2	1.9	0.8 -	6.7 -	0.40 -	0.11 -	3.58	1646.	56.	3.
323	0000	-635	37.1080	80.1747	PCV-2	1.8	0.5 --	7.1	0.28 --	0.07 --	3.88	1629.	56.	3.
324	0000	-633	37.1079	80.1752	PCV-2	1.8	0.6 --	6.6 -	0.32 -	0.09 -	3.62	1601.	54.	3.
325	0000	-630	37.1079	80.1758	PCV-2	1.8	0.6 --	6.3 -	0.30 --	0.09 -	3.44	1588.	53.	3.
326	0000	-628	37.1079	80.1763	PCV-1	1.8	0.6	5.9 +	0.32	0.10 --	3.20 +	1580.	54.	3.
327	0000	-626	37.1079	80.1768	PCV-1	1.9	0.6	5.5 +	0.35	0.12 -	2.96 +	1574.	59.	2.
328	0000	-622	37.1079	80.1772	PCV-1	1.9	0.7	5.2 +	0.35	0.13 -	2.65	1606.	58.	2.
329	0000	-617	37.1079	80.1778	PCV-1	2.0 +	0.6	5.2 +	0.29 -	0.11 -	2.61	1624.	58.	1.
330	0000	-610	37.1078	80.1782	PCV-1	2.1 +	0.8	5.0 +	0.38	0.16 -	2.38	1673.	55.	1.
331	0000	-600	37.1078	80.1788	PCV-2	2.2	0.7 -	6.0 -	0.31 --	0.12 -	2.71 -	1745.	56.	0.
332	0000	-588	37.1078	80.1793	PCV-2	2.3	0.8 -	6.2 -	0.35 -	0.13	2.72 -	1827.	57.	0.
333	0000	-573	37.1078	80.1798	PCV-2	2.5	1.0 -	6.7 -	0.41 -	0.15	2.75 -	1938.	57.	0.
334	0000	-553	37.1078	80.1803	PCV-2	2.4	1.1	7.5	0.46 -	0.15	3.06 -	1999.	55.	0.
335	0000	-522	37.1078	80.1808	PCV-2	2.4	1.2	7.7	0.51	0.16	3.27	1970.	57.	1.
336	0000	-476	37.1077	80.1814	PCV-2	2.2	1.2	7.6	0.54	0.16	3.42	1928.	61.	1.
337	0000	-420	37.1077	80.1820	PCV-2	2.1	1.2	7.5	0.57	0.16	3.64	1842.	63.	1.
338	0000	-359	37.1077	80.1826	PCV-2	1.9	1.2	6.6 -	0.64	0.18	3.49	1721.	62.	1.
339	0000	-299	37.1077	80.1832	PCV-1	1.7	1.2	5.7 +	0.70	0.21	3.29 +	1558.	62.	1.
340	0000	-253	37.1077	80.1837	PCV-1	1.5	1.0	4.7	0.69	0.22	3.13 +	1366.	61.	1.
341	0000	-240	37.1077	80.1843	PCV-1	1.3 -	0.9	3.6	0.69	0.26	2.71	1218.	60.	1.
342	0000	-266	37.1078	80.1849	PCV-1	1.2 -	0.8	3.2	0.65	0.25	2.63	1116.	58.	1.
343	0000	-305	37.1078	80.1855	PCV-1	1.1 -	0.9	2.9	0.85 +	0.33	2.57	1035.	54.	0.
344	0000	-316	37.1078	80.1860	PCV-1	1.0 --	0.8	2.8	0.81 +	0.29	2.77 +	968.	53.	0.
345	0000	-314	37.1078	80.1866	PCV-1	1.0 --	0.8	2.4	0.81 +	0.33	2.47	915.	53.	0.
346	0000	-342	37.1078	80.1872	PCV-1	0.9 --	0.8	2.7	0.81 +	0.28	2.86 +	911.	52.	0.
347	0000	-400	37.1078	80.1878	CER	1.0 --	0.6 -	2.8 -	0.57	0.20	2.90	916.	51.	1.
348	0000	-461	37.1078	80.1884	CER	1.1 --	0.4 -	2.7 -	0.42	0.16	2.59	937.	52.	2.
349	0000	-515	37.1078	80.1890	CER	1.2 -	0.4 -	2.9 -	0.32 -	0.13	2.49 -	978.	55.	2.
350	0010	-564	37.1078	80.1895	CER	1.2 -	0.2 N.A.	2.9 -	0.19 N.A.	0.08 N.A.	2.39 -	1032.	56.	4.
351	0010	-610	37.1078	80.1901	CER	1.3 -	0.3 N.A.	2.8 -	0.25 N.A.	0.12 N.A.	2.08 --	1092.	57.	4.
352	0000	-644	37.1078	80.1907	CER	1.4 -	0.4 -	2.9 -	0.28 -	0.14	2.01 --	1170.	56.	5.
353	0000	-662	37.1078	80.1912	CER	1.5	0.5 -	2.9 -	0.31 -	0.16	1.93 --	1241.	57.	6.
354	0010	-669	37.1078	80.1918	CER	1.5	0.4 N.A.	3.6 -	0.25 N.A.	0.11 N.A.	2.39 -	1299.	56.	5.
355	0000	-671	37.1078	80.1924	CER	1.6	0.6	3.9	0.42	0.17	2.52 -	1337.	55.	5.
356	0000	-669	37.1078	80.1930	CER	1.6	0.7	4.0	0.42	0.17	2.48 -	1367.	54.	4.
357	0000	-666	37.1078	80.1935	CER	1.7	0.8	4.5	0.49	0.18	2.71	1383.	54.	3.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-662	37.1078	80.1942	CER	1.7	0.8	4.8	0.50	0.17	2.86	1391.	52.	3.
359	0000	-658	37.1078	80.1947	CER	1.6	0.8	5.0	0.46	0.15	3.05	1385.	53.	1.
360	0000	-655	37.1078	80.1954	CER	1.6	0.8	5.2	0.47	0.15	3.21	1367.	53.	1.
361	0000	-654	37.1078	80.1959	CER	1.6	1.0	4.9	0.60	0.19	3.08	1357.	54.	0.
362	0000	-651	37.1078	80.1965	CER	1.6	0.8	5.3	0.48	0.14	3.32	1357.	53.	1.
363	0000	-649	37.1078	80.1971	CER	1.6	0.8	5.4	0.54	0.16	3.48	1365.	52.	1.
364	0000	-650	37.1078	80.1976	CER	1.6	0.9	5.3	0.54	0.16	3.36	1401.	51.	1.
365	0000	-649	37.1078	80.1982	CER	1.7	0.9	4.8	0.55	0.19	2.89	1438.	51.	2.
366	0000	-648	37.1078	80.1988	CER	1.7	1.0	4.9	0.60	0.20 +	2.94	1458.	52.	3.
367	0000	-648	37.1078	80.1994	CER	1.7	1.0	5.0	0.58	0.20	2.96	1493.	52.	4.
368	0000	-648	37.1078	80.1999	CER	1.7	1.0	4.8	0.56	0.20	2.85	1504.	52.	5.
369	0000	-647	37.1078	80.2005	CER	1.7	1.0	4.6	0.61	0.22 +	2.72	1512.	54.	5.
370	0000	-647	37.1078	80.2011	CER	1.7	1.0	4.6	0.62	0.23 +	2.72	1508.	55.	5.
371	0000	-648	37.1078	80.2017	CER	1.7	0.8	4.6	0.48	0.18	2.72	1488.	57.	5.
372	0000	-648	37.1078	80.2023	CER	1.6	0.9	5.0	0.58	0.19	3.08	1503.	56.	4.
373	0000	-647	37.1078	80.2029	CER	1.8	0.8	5.5	0.46	0.15	3.16	1556.	58.	3.
374	0000	-647	37.1078	80.2034	CER	1.9	0.8	6.1	0.44	0.14	3.27	1626.	57.	3.
375	0000	-647	37.1078	80.2040	CER	2.0	0.8	6.9	0.40	0.12	3.38	1728.	57.	2.
376	0000	-648	37.1078	80.2046	CER	2.1 +	1.0	7.6	0.49	0.14	3.58	1859.	57.	2.
377	0000	-648	37.1078	80.2052	CER	2.4 +	1.2 +	8.0 +	0.51	0.15	3.39	2020.	58.	1.
378	0000	-647	37.1078	80.2057	CER	2.5 ++	1.4 +	9.0 +	0.55	0.15	3.55	2192.	54.	2.
379	0000	-646	37.1078	80.2063	CR-2	2.8 -	1.2 --	9.8 +	0.41	0.12 --	3.53 +++	2326.	54.	3.
380	0000	-648	37.1078	80.2069	CR-2	2.9 -	1.4 -	9.9 +	0.49	0.15 --	3.40 +++	2440.	53.	4.
381	0000	-648	37.1078	80.2075	CR-2	3.0 -	1.5 -	9.6 +	0.50	0.16 --	3.18 ++	2505.	51.	5.
382	0000	-645	37.1078	80.2080	CR-2	3.1 -	1.5 -	9.2	0.49	0.17 -	2.95 ++	2538.	51.	6.
383	0000	-644	37.1079	80.2087	CR-2	3.1 -	1.5 -	8.8	0.47	0.17 -	2.82 ++	2541.	48.	6.
384	0000	-643	37.1079	80.2093	CR-2	3.0 -	1.5 -	8.6	0.49	0.17 -	2.85 ++	2502.	47.	5.
385	0000	-641	37.1079	80.2098	CR-2	2.9 -	1.6 -	7.8	0.56	0.21 -	2.66 +	2428.	49.	4.
386	0000	-640	37.1079	80.2104	CR-2	2.8 -	1.8	7.2	0.62	0.24	2.56 +	2358.	49.	3.
387	0000	-640	37.1079	80.2110	CR-2	2.8 -	1.6 -	7.2	0.57	0.22	2.57 +	2290.	48.	2.
388	0000	-641	37.1078	80.2116	CR-2	2.7 -	1.6 -	7.0	0.60	0.24	2.57 +	2241.	49.	1.
389	0000	-640	37.1078	80.2121	CR-2	2.6 --	1.8	7.1	0.70 +	0.26	2.71 ++	2214.	51.	0.
390	0000	-639	37.1078	80.2127	CR-2	2.6 --	1.8	7.2	0.70 +	0.25	2.75 ++	2221.	52.	0.
391	0000	-638	37.1078	80.2133	CR-2	2.7 -	2.1	7.7	0.78 +	0.27	2.90 ++	2241.	53.	0.
392	0000	-639	37.1078	80.2139	CR-2	2.7 -	2.0	7.9	0.74 +	0.25	2.92 ++	2273.	51.	0.
393	0000	-638	37.1078	80.2144	CR-2	2.7 -	2.2	8.2	0.80 +	0.26	3.05 ++	2295.	53.	0.
394	0000	-636	37.1078	80.2150	CR-2	2.6 --	2.3	8.2	0.86 ++	0.28	3.10 ++	2324.	54.	1.
395	0000	-637	37.1078	80.2157	CR-2	2.6 --	2.4	8.5	0.93 ++	0.28	3.31 +++	2358.	51.	1.
396	0000	-638	37.1078	80.2162	CR-2	2.6 --	2.6	8.2	1.02 ++	0.32	3.18 ++	2376.	52.	2.
397	0000	-636	37.1079	80.2168	CR-2	2.6 --	2.5	8.2	0.97 ++	0.30	3.18 ++	2372.	52.	3.
398	0000	-636	37.1079	80.2174	CR-2	2.5 --	2.2	8.0	0.87 ++	0.27	3.20 +++	2355.	51.	3.
399	0000	-637	37.1079	80.2180	CR-1	2.4 ++	2.3	7.9	0.96	0.29	3.28 -	2320.	51.	3.
400	0000	-636	37.1079	80.2185	CR-1	2.3 +	2.2	7.3	0.95	0.30	3.19 -	2246.	51.	4.
401	0000	-635	37.1079	80.2191	CR-1	2.2 +	2.1	7.1	0.98	0.30	3.29 -	2151.	49.	4.
402	0000	-634	37.1079	80.2197	CR-1	2.0 +	1.9	6.8	0.94	0.28	3.35 -	2033.	49.	4.
403	0000	-635	37.1079	80.2203	CR-1	1.8 +	1.7	7.1	0.91 -	0.24	3.84	1925.	46.	4.
404	0000	-634	37.1079	80.2208	CR-1	1.6	2.0	6.7	1.23	0.29	4.23	1791.	44.	3.
405	0000	-633	37.1079	80.2214	CR-1	1.4	2.1	6.0	1.52	0.34	4.46	1645.	43.	3.
406	0000	-634	37.1079	80.2220	CR-1	1.1	2.0	5.7	1.76	0.35	4.96	1523.	43.	4.
407	0000	-635	37.1079	80.2226	CR-1	1.0	1.8	5.7	1.83	0.33	5.61	1437.	41.	4.
408	0000	-635	37.1079	80.2232	CR-1	0.9	1.9	5.5	2.10	0.35	6.00	1373.	43.	4.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-637	37.1079	80.2238	CR-1	0.9	2.0	5.3	2.18	0.38	5.73	1341.	45.	4.
410	0000	-638	37.1079	80.2243	CR-1	1.0	2.0	5.3	2.09	0.38	5.52	1352.	45.	4.
411	0000	-637	37.1079	80.2249	CR-1	1.2	1.8	5.2	1.50	0.34	4.37	1426.	45.	5.
412	0000	-637	37.1079	80.2255	CR-1	1.4	1.8	5.9	1.33	0.31	4.34	1547.	46.	4.
413	0000	-637	37.1079	80.2260	CR-1	1.7	1.8	6.3	1.10	0.29	3.77	1708.	47.	3.
414	0000	-638	37.1079	80.2266	CR-1	2.1 +	1.9	6.7	0.95	0.29	3.24 -	1927.	47.	2.
415	0000	-638	37.1079	80.2272	CR-2	2.5 --	1.8	6.8	0.69 +	0.26	2.69 +	2161.	47.	2.
416	0000	-638	37.1079	80.2277	CR-2	3.0 -	1.7	7.1	0.58	0.24	2.38 +	2354.	48.	1.
417	0000	-639	37.1079	80.2283	CR-2	3.3 -	1.7 -	6.9	0.51	0.24	2.12	2503.	48.	1.
418	0000	-640	37.1079	80.2290	CR-2	3.4 -	1.7	6.9	0.51	0.25	2.04	2578.	50.	0.
419	0000	-639	37.1079	80.2296	CR-2	3.4	1.7	6.4 -	0.49	0.27	1.85	2574.	50.	0.
420	0000	-640	37.1079	80.2302	CR-2	3.3 -	1.5 -	5.8 -	0.44	0.25	1.75	2479.	51.	0.
421	0000	-640	37.1079	80.2307	CR-2	3.1 -	1.5 -	5.3 --	0.48	0.28	1.74	2300.	52.	0.
422	0000	-641	37.1079	80.2313	CR-2	2.7 -	1.5 -	4.8 --	0.57	0.32	1.79	2109.	51.	0.
423	0000	-641	37.1079	80.2319	CR-1	2.4 ++	1.6	4.7 -	0.67 -	0.34	1.98 --	1967.	49.	0.
424	0000	-641	37.1079	80.2324	CR-1	2.3 +	1.6	4.4 -	0.70 -	0.37	1.92 --	1890.	51.	0.
425	0000	-643	37.1079	80.2330	CR-1	2.3 +	1.5	4.8 -	0.68 -	0.33	2.09 --	1878.	51.	0.
426	0000	-642	37.1079	80.2336	CR-1	2.4 ++	1.5 -	4.9	0.60 -	0.30	2.01 --	1938.	52.	0.
427	0000	-643	37.1079	80.2341	CR-2	2.7 -	1.6 -	5.3 --	0.61	0.30	2.00	2079.	51.	0.
428	0000	-644	37.1079	80.2347	CR-2	3.1 -	1.6 -	5.9 -	0.52	0.27	1.94	2257.	51.	0.
429	0000	-643	37.1079	80.2353	CR-2	3.5	1.6 -	6.3 -	0.46	0.25	1.81	2491.	51.	0.
430	0000	-644	37.1079	80.2359	CR-2	3.9	1.9	6.5 -	0.48	0.28	1.69	2712.	53.	0.
431	0000	-646	37.1079	80.2365	CR-2	4.1	1.8	6.9	0.45	0.26	1.70	2829.	52.	1.
432	0000	-646	37.1079	80.2371	CR-2	4.0	1.8	6.9	0.44	0.26	1.71	2838.	53.	1.
433	0000	-645	37.1079	80.2377	CR-2	3.9	1.8	6.8	0.47	0.27	1.75	2780.	55.	1.
434	0000	-646	37.1079	80.2382	CR-2	3.8	1.7	6.5 -	0.45	0.27	1.71	2681.	56.	2.
435	0000	-648	37.1079	80.2388	CR-2	3.7	1.7	5.9 -	0.46	0.29	1.61 -	2612.	55.	2.
436	0000	-647	37.1080	80.2394	CR-2	3.5	1.8	6.0 -	0.53	0.31	1.71	2543.	55.	3.
437	0000	-648	37.1080	80.2400	CR-2	3.4 -	1.4 -	5.7 -	0.42	0.25	1.70	2489.	56.	4.
438	0000	-649	37.1080	80.2405	CR-2	3.5	1.4 -	5.7 -	0.40 -	0.24	1.66	2490.	55.	4.
439	0000	-649	37.1080	80.2411	CR-2	3.6	1.3 -	5.6 -	0.36 -	0.24	1.55 -	2571.	54.	4.
440	0000	-648	37.1079	80.2417	CR-2	3.9	1.1 --	5.7 -	0.29 --	0.20 -	1.46 -	2672.	50.	5.
441	0000	-649	37.1079	80.2423	CR-2	4.0	1.2 -	6.3 -	0.30 --	0.19 -	1.58 -	2783.	49.	5.
442	0000	-650	37.1079	80.2429	CR-2	4.1	1.2 -	6.7 -	0.30 --	0.18 -	1.65	2880.	51.	5.
443	0000	-651	37.1079	80.2435	CR-2	4.2	1.2 -	7.0	0.28 --	0.17 -	1.69	2937.	50.	4.
444	0000	-652	37.1079	80.2441	CR-2	4.2	1.2 -	7.5	0.29 --	0.16 -	1.79	2965.	49.	3.
445	0000	-652	37.1079	80.2446	CR-2	4.3	1.3 -	7.9	0.30 --	0.16 -	1.83	3044.	49.	2.
446	0000	-652	37.1079	80.2452	CR-2	4.5	1.7 -	8.4	0.37 -	0.20 -	1.87	3175.	50.	2.
447	0000	-651	37.1079	80.2458	CR-2	4.6	2.0	9.1	0.42	0.21 -	1.98	3295.	48.	1.
448	0000	-651	37.1079	80.2464	CR-2	4.7	2.1	9.1	0.44	0.23	1.94	3357.	48.	1.
449	0000	-653	37.1079	80.2469	CR-2	4.8	2.3	9.4 +	0.48	0.24	1.97	3430.	46.	0.
450	0000	-653	37.1079	80.2475	CR-2	4.9	2.4	9.2	0.49	0.26	1.89	3480.	48.	0.
451	0000	-652	37.1079	80.2481	CR-2	4.9	2.7	9.6 +	0.54	0.28	1.95	3502.	48.	0.
452	0000	-654	37.1079	80.2487	CR-2	4.7	2.6	9.9 +	0.55	0.26	2.10	3449.	47.	0.
453	0000	-655	37.1080	80.2492	CR-2	4.4	2.2	9.4 +	0.50	0.24	2.13	3289.	47.	0.
454	0000	-653	37.1080	80.2499	CR-2	4.2	2.1	9.0	0.49	0.23	2.11	3181.	48.	1.
455	0000	-655	37.1080	80.2504	CR-2	4.1	2.1	8.3	0.51	0.25	2.01	3118.	45.	1.
456	0000	-658	37.1080	80.2510	CR-2	4.1	2.0	8.3	0.48	0.24	2.02	3058.	46.	1.
457	0000	-657	37.1080	80.2516	CR-2	4.0	1.9	8.4	0.48	0.23	2.10	3020.	45.	2.
458	0000	-657	37.1080	80.2522	CR-2	4.1	1.7	8.3	0.43	0.21 -	2.04	3046.	45.	3.
459	0000	-659	37.1080	80.2527	CR-2	4.1	2.0	7.8	0.49	0.26	1.90	3085.	47.	3.

CP 9 LP 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
		VALUES AND STATISTICAL SIGNIFICANCES												
460	0000	-659	37.1080	80.2533	CR-2	4.3	2.0	8.5	0.48	0.24	1.99	3164.	47.	4.
461	0000	-658	37.1080	80.2539	CR-2	4.3	2.1	8.6	0.50	0.25	1.98	3195.	48.	4.
462	0000	-658	37.1080	80.2545	CR-2	4.3	2.3	9.3	0.52	0.24	2.13	3219.	50.	3.
463	0000	-657	37.1080	80.2550	CR-2	4.2	2.2	9.3 +	0.52	0.24	2.23	3154.	50.	4.
464	0000	-657	37.1080	80.2556	CR-2	4.0	1.9	9.8 +	0.48	0.20 -	2.43 +	3067.	50.	3.
465	0000	-659	37.1080	80.2562	CR-2	3.8	2.1	9.7 +	0.56	0.22	2.56 +	2961.	49.	3.
466	0000	-661	37.1080	80.2568	CR-2	3.6	1.9	9.8 +	0.53	0.19 -	2.74 ++	2822.	49.	3.
467	0000	-662	37.1080	80.2573	CR-2	3.3 -	1.9	9.3 +	0.56	0.20 -	2.77 ++	2726.	48.	4.
468	0000	-663	37.1080	80.2579	CR-2	3.2 -	1.6 -	9.1	0.49	0.17 -	2.83 ++	2671.	50.	4.
469	0000	-663	37.1080	80.2583	CR-2	3.2 -	1.6 -	8.9	0.49	0.18 -	2.77 ++	2644.	51.	5.
470	0000	-664	37.1080	80.2589	CR-2	3.4 -	1.7	8.7	0.51	0.20 -	2.58 +	2741.	50.	6.
471	0000	-664	37.1080	80.2594	CR-2	3.6	2.2	8.6	0.60	0.26	2.36 +	2868.	48.	6.
472	0000	-665	37.1080	80.2599	CR-2	3.8	2.1	8.7	0.55	0.24	2.29	2934.	50.	6.
473	0000	-665	37.1081	80.2604	CR-2	4.0	2.2	8.9	0.55	0.25	2.24	3061.	51.	6.
474	0000	-665	37.1081	80.2610	CR-2	4.2	2.2	9.1	0.54	0.25	2.18	3153.	50.	5.
475	0000	-668	37.1081	80.2615	CR-2	4.4	2.6	9.2	0.58	0.28	2.09	3267.	49.	4.
476	0000	-668	37.1081	80.2620	CR-2	4.5	2.3	9.6 +	0.50	0.24	2.12	3333.	48.	3.
477	0000	-668	37.1081	80.2625	CR-2	4.5	2.1	9.7 +	0.47	0.22	2.14	3305.	50.	2.
478	0000	-670	37.1081	80.2630	CR-2	4.5	1.9	9.3 +	0.43	0.21 -	2.09	3227.	53.	1.
479	0000	-671	37.1081	80.2637	CR-2	4.4	1.7	8.7	0.40 -	0.20 -	1.97	3177.	52.	0.
480	0000	-672	37.1081	80.2641	CR-2	4.3	1.8	8.0	0.40 -	0.22	1.84	3127.	50.	0.
481	0000	-673	37.1082	80.2646	CR-2	4.3	1.7	7.7	0.41 -	0.23	1.81	3063.	53.	0.
482	0000	-672	37.1082	80.2652	CR-2	4.2	1.6 -	7.7	0.39 -	0.21 -	1.84	2970.	52.	0.
483	0000	-673	37.1082	80.2657	CR-2	4.0	1.7	6.8	0.41	0.25	1.69	2880.	51.	0.
484	0000	-675	37.1082	80.2662	CR-2	3.9	1.7	6.4 -	0.44	0.27	1.64 -	2806.	50.	0.
485	0000	-676	37.1082	80.2668	CR-2	3.8	1.6 -	6.2 -	0.43	0.26	1.64 -	2743.	48.	0.
486	0000	-678	37.1082	80.2673	CR-2	3.7	1.7	6.5 -	0.46	0.26	1.75	2690.	48.	0.
487	0000	-679	37.1082	80.2678	CR-2	3.6	1.7	6.6 -	0.46	0.26	1.81	2628.	47.	0.
488	0000	-679	37.1082	80.2684	CR-2	3.5	1.6 -	6.3 -	0.45	0.25	1.78	2565.	45.	0.
489	0000	-681	37.1083	80.2689	CR-2	3.4	1.5 -	6.2 -	0.43	0.24	1.81	2521.	46.	1.
490	0000	-683	37.1083	80.2694	CR-2	3.4 -	1.5 -	6.5 -	0.46	0.23	1.95	2494.	47.	1.
491	0000	-682	37.1083	80.2699	CR-2	3.4 -	1.5 -	6.7 -	0.44	0.22	1.97	2495.	48.	1.
492	0000	-684	37.1083	80.2705	CR-2	3.3 -	1.4 -	6.7 -	0.43	0.21 -	2.00	2494.	50.	2.
493	0000	-686	37.1083	80.2710	CR-2	3.4	1.4 -	7.2	0.40 -	0.19 -	2.10	2559.	51.	3.
494	0000	-686	37.1083	80.2715	CR-2	3.5	1.3 -	7.2	0.39 -	0.19 -	2.07	2598.	52.	4.
495	0000	-687	37.1083	80.2720	CR-2	3.5	1.5 -	7.4	0.44	0.21 -	2.08	2639.	52.	4.
496	0000	-689	37.1084	80.2726	CR-2	3.6	1.6 -	7.0	0.45	0.23	1.94	2678.	52.	4.
497	0000	-690	37.1084	80.2731	CR-2	3.7	1.5 -	6.9	0.40 -	0.21 -	1.87	2709.	52.	6.
498	0000	-692	37.1084	80.2736	CR-2	3.7	1.3 -	7.0	0.37 -	0.19 -	1.90	2718.	51.	6.
499	0000	-693	37.1084	80.2742	CR-2	3.8	1.2 -	6.9	0.32 --	0.18 -	1.82	2736.	50.	7.
500	0000	-693	37.1084	80.2747	CR-2	3.8	1.2 -	6.3 -	0.32 --	0.19 -	1.66	2720.	47.	6.
501	0000	-694	37.1084	80.2752	CR-2	3.8	1.2 -	6.6 -	0.32 --	0.18 -	1.76	2735.	47.	6.
502	0000	-695	37.1084	80.2758	CR-2	3.8	0.9 --	7.0	0.25 ---	0.14 --	1.83	2795.	47.	7.
503	0000	-696	37.1084	80.2763	CR-2	4.0	1.1 --	7.5	0.28 --	0.15 --	1.89	2896.	46.	6.
504	0000	-697	37.1084	80.2768	CR-2	4.1	1.4 -	7.4	0.33 -	0.19 -	1.78	2985.	46.	5.
505	0000	-697	37.1084	80.2774	CR-2	4.3	1.6 -	7.8	0.38 -	0.21 -	1.83	3099.	46.	5.
506	0000	-696	37.1084	80.2778	CR-2	4.4	1.9	8.0	0.43	0.24	1.80	3222.	45.	3.
507	0000	-697	37.1084	80.2784	CR-2	4.6	2.1	8.2	0.46	0.26	1.78	3373.	47.	3.
508	0000	-698	37.1084	80.2790	CR-2	4.9 +	2.3	8.5	0.46	0.27	1.73	3534.	47.	2.
509	0000	-698	37.1084	80.2794	CR-2	5.2 +	2.6	8.5	0.49	0.30	1.64	3659.	48.	1.
510	0000	-699	37.1085	80.2800	CR-2	5.1 +	2.5	8.6	0.49	0.30	1.66	3666.	52.	0.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-702	37.1085	80.2805	CR-2	5.2 +	2.4	9.1	0.46	0.26	1.74	3697.	52.	0.
512	0000	-702	37.1085	80.2810	CR-2	5.1 +	2.4	8.8	0.47	0.27	1.73	3634.	53.	0.
513	0000	-702	37.1085	80.2816	CR-2	4.9	2.3	8.7	0.47	0.26	1.78	3523.	55.	0.
514	0000	-704	37.1085	80.2821	CR-2	4.6	2.3	8.3	0.51	0.28	1.81	3334.	54.	0.
515	0000	-705	37.1085	80.2825	CR-2	4.2	2.1	7.8	0.51	0.27	1.87	3096.	54.	0.
516	0000	-704	37.1085	80.2832	CR-2	3.7	2.0	7.6	0.54	0.27	2.03	2859.	51.	0.
517	0000	-706	37.1085	80.2837	CR-2	3.5	2.0	7.0	0.58	0.29	1.98	2702.	49.	0.
518	0000	-708	37.1085	80.2842	CR-2	3.3 -	2.0	6.7 -	0.62	0.30	2.05	2575.	49.	0.
519	0000	-709	37.1086	80.2847	CR-2	3.3 -	2.0	6.9	0.60	0.29	2.07	2528.	50.	0.
520	0000	-711	37.1086	80.2852	CR-2	3.4 -	2.0	6.8 -	0.60	0.30	2.01	2542.	50.	1.
521	0000	-712	37.1086	80.2858	CR-2	3.5	1.6 -	7.4	0.47	0.22	2.13	2609.	53.	1.
522	0000	-712	37.1086	80.2863	CR-2	3.7	1.7	8.0	0.47	0.22	2.17	2711.	53.	1.
523	0000	-713	37.1086	80.2868	CR-2	3.9	2.0	8.4	0.51	0.24	2.15	2846.	53.	1.
524	0000	-713	37.1086	80.2874	CR-2	4.0	1.8	9.2	0.44	0.19 -	2.30 +	2912.	53.	1.
525	0000	-714	37.1086	80.2879	CR-2	4.0	1.7	9.4 +	0.42	0.18 -	2.35 +	2929.	55.	1.
526	0000	-716	37.1086	80.2884	CR-2	3.9	1.6 -	9.4 +	0.41 -	0.17 -	2.42 +	2900.	55.	1.
527	0000	-716	37.1087	80.2889	CR-2	3.7	1.6 -	9.3 +	0.43	0.17 -	2.49 +	2819.	54.	1.
528	0000	-717	37.1087	80.2895	CR-2	3.6	1.8	8.5	0.50	0.21 -	2.38 +	2704.	53.	0.
529	0000	-717	37.1087	80.2900	CR-2	3.3 -	1.6 -	8.0	0.49	0.20 -	2.41 +	2581.	52.	0.
530	0000	-717	37.1087	80.2905	CR-2	3.2 -	1.4 -	7.2	0.44	0.19 -	2.27	2433.	52.	0.
531	0000	-718	37.1087	80.2910	CR-2	3.0 -	1.3 -	6.7 -	0.43	0.20 -	2.21	2352.	53.	0.
532	0000	-719	37.1087	80.2916	CR-2	3.0 -	1.2 -	6.3 -	0.42	0.20 -	2.12	2302.	50.	1.
533	0000	-719	37.1087	80.2921	CR-2	3.0 -	1.3 -	5.8 -	0.44 -	0.23	1.93	2300.	48.	1.
534	0000	-720	37.1087	80.2926	CR-2	3.1 -	1.2 -	6.1 -	0.39 -	0.20 -	1.96	2318.	48.	1.
535	0000	-721	37.1088	80.2932	CR-2	3.1 -	1.2 -	6.1 -	0.38 -	0.19 -	1.97	2343.	45.	2.
536	0000	-721	37.1088	80.2937	CR-2	3.2 -	1.3 -	5.8 -	0.41	0.23	1.80	2389.	47.	2.
537	0000	-722	37.1088	80.2942	CR-2	3.3 -	1.7	6.3 -	0.51	0.26	1.91	2458.	48.	2.
538	0000	-722	37.1088	80.2948	CR-2	3.4	1.7	6.2 -	0.50	0.28	1.81	2484.	48.	2.
539	0000	-724	37.1088	80.2953	CR-2	3.4 -	1.9	6.4 -	0.57	0.30	1.88	2518.	50.	2.
540	0000	-725	37.1088	80.2958	CR-2	3.5	2.1	6.7 -	0.60	0.32	1.90	2549.	52.	2.
541	0000	-725	37.1088	80.2964	CR-2	3.6	2.1	6.7 -	0.59	0.31	1.89	2600.	53.	2.
542	0000	-725	37.1088	80.2969	CR-2	3.7	2.3	7.2	0.60	0.32	1.91	2720.	54.	2.
543	0000	-726	37.1088	80.2974	CR-2	3.9	2.1	7.4	0.55	0.29	1.89	2759.	56.	2.
544	0000	-728	37.1089	80.2979	CR-2	3.9	1.8	7.1	0.47	0.26	1.81	2741.	54.	2.
545	0000	-730	37.1089	80.2985	CR-2	3.9	2.1	7.2	0.54	0.29	1.86	2760.	52.	1.
546	0000	-729	37.1089	80.2990	CR-2	3.9	2.1	6.8 -	0.53	0.31	1.73	2741.	51.	1.
547	0000	-728	37.1089	80.2995	CR-2	3.8	1.9	6.6 -	0.51	0.29	1.72	2711.	50.	1.
548	0000	-730	37.1089	80.3000	CR-2	3.7	2.0	6.3 -	0.55	0.32	1.70	2656.	50.	1.
549	0000	-729	37.1089	80.3006	CR-2	3.6	2.1	5.9 -	0.60	0.37 +	1.64	2531.	51.	1.
550	0000	-730	37.1089	80.3011	CR-2	3.4 -	2.2	5.5 --	0.67 +	0.41 ++	1.62 -	2467.	49.	2.
551	0000	-733	37.1089	80.3016	CR-2	3.3 -	2.1	5.4 --	0.64	0.39 ++	1.65	2441.	50.	2.
552	0000	-732	37.1089	80.3022	CR-2	3.3 -	1.9	5.7 -	0.58	0.33 +	1.74	2453.	52.	3.
553	0000	-734	37.1089	80.3027	CR-2	3.3 -	1.7	6.0 -	0.51	0.29	1.80	2496.	51.	4.
554	0000	-736	37.1089	80.3032	CR-2	3.5	1.7 -	6.1 -	0.48	0.27	1.76	2571.	49.	4.
555	0000	-736	37.1089	80.3037	CR-2	3.6	2.1	6.4 -	0.58	0.33	1.78	2665.	47.	4.
556	0000	-737	37.1089	80.3042	CR-2	3.7	2.1	7.3	0.55	0.28	1.97	2782.	46.	3.
557	0000	-739	37.1089	80.3048	CR-2	4.0	2.3	8.0	0.58	0.29	2.00	2949.	46.	3.
558	0000	-739	37.1090	80.3053	CR-2	4.4	2.6	8.2	0.58	0.31	1.87	3124.	47.	2.
559	0000	-737	37.1090	80.3058	CR-2	4.6	2.8 +	7.9	0.62	0.36 +	1.74	3189.	48.	1.
560	0000	-738	37.1090	80.3064	CR-2	4.6	3.1 +	7.8	0.68 +	0.40 ++	1.69	3226.	48.	0.
561	0000	-740	37.1090	80.3069	CR-2	4.6	3.2 +	7.7	0.69 +	0.41 ++	1.69	3195.	49.	0.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-742	37.1090	80.3074	CR-2	4.5	2.8 +	7.2	0.61	0.38 +	1.60 -	3140.	53.	0.
563	0000	-742	37.1090	80.3080	CR-2	4.4	2.5	6.3 -	0.58	0.40 ++	1.44 -	3060.	54.	0.
564	0000	-742	37.1090	80.3084	CR-2	4.2	2.1	6.0 -	0.50	0.35 +	1.43 -	2940.	54.	0.
565	0000	-741	37.1090	80.3090	CR-2	3.9	1.9	6.2 -	0.48	0.30	1.60 -	2818.	53.	0.
566	0000	-741	37.1091	80.3096	CR-2	3.7	1.8	6.4 -	0.48	0.28	1.72	2768.	50.	1.
567	0000	-745	37.1091	80.3100	CR-2	3.7	1.4 -	6.5 -	0.39 -	0.22	1.77	2724.	51.	2.
568	0000	-746	37.1091	80.3107	CR-2	3.7	1.4 -	6.9	0.37 -	0.20 -	1.85	2772.	50.	3.
569	0000	-746	37.1091	80.3111	CR-2	3.8	1.3 -	7.7	0.34 -	0.17 -	2.01	2819.	49.	4.
570	0000	-748	37.1091	80.3116	CR-2	3.9	1.5 -	7.9	0.38 -	0.18 -	2.03	2867.	47.	6.
571	0000	-752	37.1091	80.3122	CR-2	3.8	1.3 -	8.3	0.33 -	0.15 --	2.17	2878.	46.	8.
572	0000	-752	37.1091	80.3127	CR-2	3.8	1.4 -	8.3	0.37 -	0.17 -	2.18	2894.	46.	9.
573	0000	-752	37.1092	80.3132	CR-2	3.9	1.3 -	8.3	0.35 -	0.16 -	2.15	2932.	47.	9.
574	0000	-753	37.1092	80.3138	CR-2	4.0	1.5 -	8.9	0.37 -	0.17 -	2.21	3038.	47.	9.
575	0000	-755	37.1092	80.3143	CR-2	4.2	1.8	8.9	0.42	0.20 -	2.10	3140.	49.	9.
576	0000	-756	37.1092	80.3148	CR-2	4.2	1.9	8.9	0.45	0.21 -	2.11	3216.	48.	7.
577	0000	-756	37.1092	80.3154	CR-2	4.2	1.8	9.2	0.43	0.20 -	2.18	3220.	48.	5.
578	0000	-758	37.1092	80.3159	CR-2	4.2	2.2	8.8	0.53	0.25	2.11	3216.	50.	4.
579	0000	-759	37.1092	80.3164	CR-2	4.2	2.1	8.7	0.49	0.24	2.05	3193.	49.	3.
580	0000	-758	37.1092	80.3169	CR-2	4.2	2.1	8.5	0.50	0.25	2.01	3174.	50.	2.
581	0000	-761	37.1092	80.3175	CR-2	4.0	2.1	7.8	0.52	0.27	1.92	3086.	50.	1.
582	0000	-763	37.1092	80.3180	CR-2	3.8	1.9	7.6	0.51	0.25	2.02	2962.	50.	0.
583	0000	-763	37.1092	80.3185	CR-2	3.7	1.8	7.3	0.49	0.25	1.96	2864.	51.	0.
584	0000	-764	37.1093	80.3190	CR-2	3.8	1.8	7.2	0.47	0.25	1.91	2837.	51.	0.
585	0000	-764	37.1093	80.3196	CR-2	3.9	1.9	6.9	0.50	0.28	1.79	2829.	51.	0.
586	0000	-764	37.1093	80.3201	CR-2	3.7	2.0	6.5 -	0.55	0.32	1.73	2787.	52.	0.
587	0000	-765	37.1093	80.3206	CR-2	3.5	1.9	6.7 -	0.55	0.29	1.91	2690.	52.	0.
588	0000	-765	37.1093	80.3212	CR-2	3.5	1.9	6.7 -	0.54	0.28	1.95	2610.	51.	0.
589	0000	-766	37.1093	80.3217	CR-2	3.3 -	1.7	6.6 -	0.51	0.26	1.98	2526.	50.	0.
590	0000	-770	37.1093	80.3222	CR-2	3.2 -	1.7	6.4 -	0.52	0.26	1.99	2460.	47.	1.
591	0000	-771	37.1093	80.3228	CR-2	3.1 -	1.7	6.3 -	0.54	0.26	2.05	2417.	45.	1.
592	0000	-772	37.1093	80.3233	CR-2	3.0 -	1.4 -	6.5 -	0.45	0.21 -	2.15	2364.	46.	1.
593	0000	-773	37.1094	80.3237	CR-2	3.0 -	1.3 -	6.5 -	0.44	0.20 -	2.16	2334.	45.	2.
594	0000	-773	37.1094	80.3244	CR-2	3.1 -	1.4 -	6.0 -	0.45	0.24	1.93	2343.	48.	2.
595	0000	-775	37.1094	80.3249	CR-2	3.1 -	1.4 -	6.2 -	0.44	0.22	1.98	2367.	48.	3.
596	0000	-777	37.1094	80.3254	CR-2	3.3 -	1.4 -	6.3 -	0.43	0.23	1.91	2414.	49.	3.
597	0000	-776	37.1094	80.3259	CR-2	3.4	1.4 -	6.4 -	0.41	0.22	1.89	2485.	49.	2.
598	0000	-777	37.1094	80.3264	CR-2	3.5	1.5 -	6.2 -	0.43	0.24	1.77	2552.	51.	2.
599	0000	-779	37.1094	80.3270	CR-2	3.7	1.6 -	6.5 -	0.45	0.25	1.77	2658.	52.	2.
600	0000	-777	37.1094	80.3275	CR-2	3.9	1.7	6.8	0.44	0.25	1.73	2794.	53.	2.
601	0000	-777	37.1094	80.3280	CR-2	4.1	1.9	6.9	0.47	0.28	1.70	2888.	54.	2.
602	0000	-781	37.1094	80.3286	CR-2	4.1	2.0	6.8 -	0.50	0.30	1.67	2906.	53.	2.
603	0000	-784	37.1094	80.3290	CR-2	3.9	2.2	6.5 -	0.56	0.34 +	1.66	2827.	54.	2.
604	0000	-781	37.1095	80.3295	CR-2	3.6	2.1	6.3 -	0.57	0.33 +	1.73	2677.	55.	3.
605	0000	-781	37.1095	80.3302	CR-2	3.3 -	1.9	5.9 -	0.58	0.32	1.81	2478.	54.	4.
606	0000	-782	37.1095	80.3306	CR-2	2.9 -	1.5 -	5.2 --	0.54	0.30	1.81	2240.	55.	6.
607	0000	-784	37.1095	80.3312	CR-1	2.4 ++	1.3 -	4.8 -	0.53 --	0.26	2.01 --	1989.	52.	7.
608	0000	-787	37.1095	80.3317	CR-1	2.1 +	0.8 -	4.8 -	0.38 --	0.17 -	2.31 -	1804.	52.	7.
609	0000	-788	37.1095	80.3322	CR-1	2.1 +	0.6 ---	4.8 -	0.27 ---	0.12 --	2.32 -	1793.	49.	8.
610	0010	-788	37.1095	80.3328	CR-1	2.4 +	0.1 N.A.	5.6	0.06 N.A.	0.03 N.A.	2.39 -	1932.	50.	9.
611	0010	-791	37.1095	80.3333	CR-2	2.8 -	0.4 N.A.	6.1 -	0.15 N.A.	0.07 N.A.	2.19	2205.	53.	8.
612	0010	-791	37.1096	80.3338	CR-2	3.0 -	0.6 N.A.	6.4 -	0.19 N.A.	0.09 N.A.	2.13	2350.	53.	7.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-792	37.1096	80.3344	CR-2	3.3 -	0.7 --	7.0	0.21 ---	0.10 ---	2.12	2516.	52.	7.
614	0000	-796	37.1096	80.3349	CR-2	3.6	0.9 --	7.2	0.25 ---	0.12 --	1.99	2691.	52.	6.
615	0000	-797	37.1096	80.3354	CR-2	3.9	1.1 --	7.1	0.29 --	0.16 -	1.81	2843.	54.	6.
616	0000	-797	37.1096	80.3359	CR-2	4.0	1.5 -	7.1	0.37 -	0.21 -	1.79	2889.	55.	5.
617	0000	-798	37.1096	80.3364	CR-2	3.8	2.0	6.5 -	0.52	0.30	1.72	2836.	54.	3.
618	0000	-797	37.1096	80.3370	CR-2	3.6	1.9	6.0 -	0.54	0.32	1.69	2699.	52.	3.
619	0000	-797	37.1096	80.3375	CR-2	3.8	2.0	6.0 -	0.54	0.34 +	1.61 -	2777.	52.	2.
620	0000	-799	37.1097	80.3380	CR-2	3.9	2.3	5.9 -	0.59	0.39 +	1.52 -	2854.	54.	1.
621	0000	-799	37.1097	80.3386	CR-2	3.9	2.3	6.3 -	0.59	0.37 +	1.61 -	2887.	55.	0.
622	0000	-798	37.1097	80.3391	CR-2	3.9	2.5	6.5 -	0.65	0.39 ++	1.67	2891.	54.	0.
623	0000	-801	37.1097	80.3396	CR-2	3.8	2.5	6.2 -	0.66 +	0.40 ++	1.63 -	2884.	54.	0.
624	0000	-802	37.1097	80.3402	CR-2	3.9	2.3	6.6 -	0.57	0.34 +	1.68	2899.	55.	0.
625	0000	-801	37.1097	80.3407	CR-2	4.0	2.1	7.0	0.51	0.30	1.73	2929.	56.	0.
626	0000	-805	37.1097	80.3412	CR-2	4.1	1.8	7.3	0.45	0.25	1.80	2942.	57.	0.
627	0000	-807	37.1097	80.3418	CR-2	4.1	2.0	7.6	0.48	0.26	1.86	2995.	58.	0.
628	0000	-805	37.1097	80.3423	CR-2	4.4	2.1	7.8	0.47	0.26	1.78	3140.	56.	0.
629	0000	-807	37.1097	80.3428	CR-2	4.5	1.9	8.3	0.42	0.23	1.83	3229.	54.	0.
630	0000	-810	37.1097	80.3433	CR-2	4.6	1.5 -	8.6	0.33 -	0.18 -	1.86	3249.	55.	2.
631	0000	-809	37.1097	80.3439	CR-2	4.6	1.7	8.2	0.37 -	0.21 -	1.80	3284.	56.	2.
632	0000	-810	37.1097	80.3444	CR-2	4.6	1.8	8.1	0.39 -	0.22	1.77	3287.	54.	2.
633	0000	-810	37.1097	80.3449	CR-2	4.5	1.8	8.0	0.41 -	0.23	1.78	3249.	56.	3.
634	0000	-811	37.1097	80.3455	CR-2	4.4	1.7	7.8	0.38 -	0.21 -	1.78	3172.	54.	3.
635	0000	-813	37.1098	80.3460	CR-2	4.1	1.5 -	7.5	0.37 -	0.20 -	1.81	3039.	57.	3.
636	0000	-814	37.1098	80.3465	CR-2	4.1	1.7	7.3	0.41	0.23	1.78	3002.	59.	2.
637	0000	-818	37.1098	80.3470	CR-2	4.2	2.0	7.6	0.47	0.26	1.81	3062.	57.	1.
638	0000	-819	37.1098	80.3476	CR-2	4.2	2.1	7.8	0.49	0.27	1.83	3097.	56.	1.
639	0000	-817	37.1098	80.3481	CR-2	4.4	2.3	8.0	0.53	0.29	1.84	3195.	57.	1.
640	0000	-819	37.1098	80.3486	CR-2	4.6	2.7	8.3	0.58	0.32	1.78	3321.	56.	0.
641	0000	-820	37.1098	80.3492	CR-2	4.8	2.8 +	8.5	0.59	0.33 +	1.79	3396.	56.	0.
642	0000	-821	37.1098	80.3497	CR-2	4.7	2.8 +	8.5	0.59	0.33 +	1.79	3384.	55.	0.
643	0000	-822	37.1099	80.3502	CR-2	4.6	2.6	8.2	0.56	0.31	1.80	3315.	57.	0.
644	0000	-821	37.1099	80.3507	CR-2	4.4	2.5	7.6	0.57	0.33 +	1.72	3243.	55.	1.
645	0000	-821	37.1099	80.3512	CR-2	4.4	2.4	7.5	0.55	0.32	1.70	3164.	53.	2.
646	0000	-824	37.1099	80.3518	CR-2	4.2	2.0	7.5	0.47	0.27	1.77	3070.	54.	3.
647	0000	-826	37.1099	80.3523	CR-2	4.1	1.6 -	7.1	0.40 -	0.23	1.73	2994.	53.	4.
648	0000	-826	37.1099	80.3528	CR-2	4.1	1.5 -	7.0	0.37 -	0.22 -	1.72	2990.	53.	5.
649	0000	-828	37.1099	80.3534	CR-2	4.2	1.7 -	7.3	0.40 -	0.23	1.74	3082.	52.	5.
650	0000	-828	37.1100	80.3539	CR-2	4.4	1.6 -	7.8	0.37 -	0.21 -	1.76	3214.	50.	6.
651	0000	-827	37.1100	80.3544	CR-2	4.6	1.6 -	8.2	0.34 -	0.19 -	1.80	3298.	53.	6.
652	0000	-825	37.1100	80.3550	CR-2	4.6	1.5 -	8.5	0.33 -	0.18 -	1.82	3366.	54.	6.
653	0000	-828	37.1100	80.3554	CR-2	4.7	1.7	8.2	0.37 -	0.21 -	1.76	3370.	54.	5.
654	0000	-833	37.1100	80.3560	CR-2	4.5	1.7	8.3	0.38 -	0.20 -	1.86	3325.	52.	4.
655	0000	-834	37.1100	80.3566	CR-2	4.4	1.7 -	8.3	0.38 -	0.20 -	1.90	3267.	54.	3.
656	0000	-833	37.1100	80.3570	CR-2	4.4	1.5 -	8.2	0.35 -	0.18 -	1.89	3213.	56.	3.
657	0000	-833	37.1100	80.3575	CR-2	4.3	1.7	7.9	0.40 -	0.22	1.85	3150.	57.	2.
658	0000	-834	37.1100	80.3581	CR-2	4.3	2.1	8.0	0.48	0.26	1.86	3157.	54.	1.
659	0000	-836	37.1100	80.3586	CR-2	4.4	2.1	8.4	0.49	0.26	1.91	3229.	55.	1.
660	0000	-837	37.1100	80.3592	CR-2	4.4	2.1	8.9	0.46	0.23	1.99	3276.	55.	0.
661	0000	-837	37.1100	80.3597	CR-2	4.6	2.1	8.7	0.46	0.24	1.90	3295.	56.	1.
662	0000	-839	37.1101	80.3602	CR-2	4.5	1.9	8.3	0.43	0.23	1.86	3257.	55.	2.
663	0000	-839	37.1101	80.3607	CR-2	4.3	2.1	8.3	0.50	0.26	1.92	3197.	51.	2.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-838	37.1101	80.3613	CR-2	4.3	1.9	8.2	0.45	0.23	1.93	3145.	52.	3.
665	0000	-841	37.1101	80.3618	CR-2	4.2	1.6 -	8.1	0.37 -	0.19 -	1.94	3096.	53.	4.
666	0000	-841	37.1101	80.3623	CR-2	4.0	1.3 -	7.8	0.33 -	0.17 -	1.93	2993.	54.	5.
667	0000	-840	37.1102	80.3629	CR-2	4.1	1.4 -	7.6	0.34 -	0.18 -	1.87	2981.	54.	6.
668	0000	-845	37.1102	80.3634	CR-2	4.1	1.4 -	7.6	0.35 -	0.19 -	1.87	2989.	54.	6.
669	0000	-848	37.1102	80.3639	CR-2	4.1	1.6 -	7.8	0.39 -	0.21 -	1.90	3000.	54.	6.
670	0000	-844	37.1102	80.3644	CR-2	4.1	1.6 -	7.7	0.38 -	0.21 -	1.87	3019.	54.	5.
671	0000	-843	37.1102	80.3650	CR-2	4.1	1.6 -	7.7	0.40 -	0.21 -	1.88	3026.	52.	5.
672	0000	-847	37.1102	80.3655	CR-2	4.0	1.9	7.7	0.47	0.25	1.91	2983.	50.	4.
673	0000	-847	37.1102	80.3660	CR-2	3.9	2.0	7.4	0.50	0.27	1.88	2922.	49.	3.
674	0000	-847	37.1102	80.3666	CR-2	3.7	2.0	6.8 -	0.54	0.30	1.82	2813.	50.	3.
675	0000	-847	37.1102	80.3671	CR-2	3.6	2.0	6.9	0.55	0.28	1.92	2726.	49.	3.
676	0000	-846	37.1102	80.3676	CR-2	3.5	1.8	6.8 -	0.51	0.26	1.92	2670.	51.	4.
677	0000	-848	37.1102	80.3682	CR-2	3.3 -	1.7	6.8 -	0.51	0.25	2.03	2584.	52.	5.
678	0000	-851	37.1102	80.3687	CR-2	3.1 -	1.9	6.3 -	0.59	0.30	2.01	2490.	51.	6.
679	0000	-853	37.1102	80.3692	CR-2	3.0 -	1.7	6.3 -	0.57	0.27	2.12	2411.	52.	6.
680	0000	-855	37.1102	80.3698	CR-2	2.9 -	1.6 -	6.3 -	0.57	0.26	2.19	2388.	52.	6.
681	0000	-856	37.1103	80.3703	CR-2	3.0 -	1.5 -	6.8 -	0.50	0.23	2.24	2405.	51.	6.
682	0000	-852	37.1103	80.3707	CR-2	3.0 -	1.7 -	7.0	0.55	0.24	2.33 +	2444.	52.	5.
683	0000	-851	37.1103	80.3713	CR-2	3.2 -	1.8	7.3	0.56	0.24	2.29 +	2557.	50.	4.
684	0000	-857	37.1103	80.3718	CR-2	3.6	1.8	7.4	0.50	0.24	2.07	2749.	49.	2.
685	0000	-861	37.1103	80.3724	CR-2	4.0	1.7 -	8.1	0.41 -	0.20 -	2.01	2947.	52.	1.
686	0000	-861	37.1103	80.3729	CR-2	4.5	1.7	8.5	0.39 -	0.20 -	1.89	3150.	53.	1.
687	0000	-861	37.1103	80.3734	CR-2	4.8	1.9	8.7	0.40 -	0.22	1.82	3287.	55.	0.
688	0000	-864	37.1103	80.3740	CR-2	4.9	2.1	8.6	0.44	0.25	1.77	3402.	54.	0.
689	0000	-864	37.1104	80.3745	CR-2	5.0 +	2.1	8.5	0.41	0.24	1.71	3450.	54.	0.
690	0000	-864	37.1104	80.3749	CR-2	5.0 +	2.0	8.5	0.40 -	0.24	1.68	3465.	53.	0.
691	0000	-868	37.1104	80.3755	CR-2	5.0 +	2.2	8.5	0.44	0.26	1.69	3451.	53.	0.
692	0000	-868	37.1104	80.3761	CR-2	4.9	2.3	8.5	0.47	0.27	1.74	3413.	53.	0.
693	0000	-867	37.1104	80.3765	CR-2	4.9	2.4	8.2	0.50	0.30	1.68	3408.	53.	1.
694	0000	-868	37.1104	80.3772	CR-2	4.8	2.5	8.0	0.51	0.30	1.67	3428.	52.	1.
695	0000	-867	37.1104	80.3776	CR-2	4.8	2.3	7.9	0.48	0.29	1.64	3409.	53.	1.
696	0000	-868	37.1104	80.3781	CR-2	5.0 +	2.4	7.8	0.47	0.30	1.57 -	3464.	53.	1.
697	0000	-869	37.1104	80.3788	CR-2	5.1 +	2.5	7.9	0.49	0.32	1.56 -	3506.	54.	1.
698	0000	-867	37.1104	80.3794	CR-2	5.0 +	2.3	7.8	0.46	0.30	1.55 -	3444.	56.	1.
699	0000	-868	37.1104	80.3800	CR-2	4.9	2.4	7.2	0.48	0.33	1.47 -	3383.	54.	1.
700	0000	-867	37.1104	80.3806	CR-2	4.7	2.2	7.1	0.47	0.31	1.52 -	3280.	54.	1.
701	0000	-869	37.1104	80.3813	CR-2	4.5	2.0	7.1	0.45	0.28	1.57 -	3201.	53.	1.
702	0000	-876	37.1104	80.3819	CR-2	4.5	2.0	7.5	0.45	0.27	1.67	3156.	54.	1.
703	0000	-875	37.1104	80.3825	CR-2	4.3	1.9	7.5	0.45	0.26	1.73	3078.	54.	1.
704	0000	-870	37.1104	80.3831	CR-2	4.1	2.0	7.0	0.49	0.29	1.70	2998.	53.	1.
705	0000	-868	37.1104	80.3837	CR-2	4.0	2.1	7.1	0.51	0.29	1.76	3009.	54.	1.
706	0000	-869	37.1104	80.3844	CR-2	4.2	2.0	8.0	0.48	0.25	1.90	3077.	55.	1.
707	0000	-872	37.1104	80.3850	CR-2	4.4	2.0	8.6	0.46	0.24	1.95	3166.	55.	1.
708	0000	-877	37.1104	80.3856	CR-2	4.5	2.3	8.6	0.50	0.26	1.93	3262.	56.	1.
709	0000	-878	37.1104	80.3863	CR-2	4.7	2.3	8.6	0.49	0.27	1.83	3357.	55.	0.
710	0000	-875	37.1103	80.3868	CR-2	4.9	2.2	9.5 +	0.45	0.23	1.94	3480.	53.	0.
711	0000	-876	37.1103	80.3875	CR-2	5.2 +	2.4	9.8 +	0.46	0.24	1.89	3616.	56.	0.
712	0000	-881	37.1103	80.3880	CR-2	5.4 +	2.7	10.3 +	0.49	0.26	1.89	3768.	55.	0.
713	0000	-879	37.1104	80.3887	CR-2	5.4 +	2.7 +	9.8 +	0.50	0.28	1.82	3801.	55.	0.
714	0000	-880	37.1104	80.3893	CR-2	5.4 +	2.6	9.9 +	0.49	0.27	1.85	3820.	54.	0.

CP 9 IP 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-886	37.1104	80.3899	CR-2	5.5 +	2.6	10.0 +	0.46	0.26	1.81	3839.	54.	0.
716	0000	-883	37.1104	80.3905	CR-2	5.4 +	2.8 +	9.9 +	0.52	0.28	1.83	3898.	55.	0.
717	0000	-879	37.1103	80.3911	CR-2	5.4 +	3.0 +	9.3 +	0.55	0.32	1.71	3915.	57.	1.
718	0000	-883	37.1103	80.3918	CR-2	5.5 +	2.7 +	9.8 +	0.50	0.28	1.79	3896.	58.	2.
719	0000	-883	37.1103	80.3924	CR-2	5.4 +	2.6	9.3 +	0.49	0.28	1.74	3829.	58.	2.
720	0000	-882	37.1103	80.3930	CR-2	5.3 +	2.5	9.5 +	0.48	0.27	1.77	3811.	56.	3.
721	0000	-886	37.1103	80.3936	CR-2	5.3 +	2.7 +	8.8	0.51	0.31	1.67	3759.	57.	3.
722	0000	-885	37.1103	80.3943	CR-2	5.1 +	2.8 +	8.9	0.55	0.32	1.75	3713.	57.	3.
723	0000	-880	37.1103	80.3949	CR-2	4.9 +	2.6	8.7	0.52	0.29	1.76	3585.	56.	3.
724	0000	-884	37.1102	80.3955	CR-2	4.7	2.6	8.4	0.55	0.30	1.80	3448.	58.	3.
725	0000	-889	37.1103	80.3960	CR-2	4.4	2.6	8.0	0.60	0.33	1.82	3305.	56.	2.
726	0000	-889	37.1103	80.3967	CR-2	4.2	2.6	7.7	0.60	0.33 +	1.82	3191.	57.	1.
727	0000	-889	37.1103	80.3974	CR-2	4.1	2.8 +	7.3	0.66 +	0.38 +	1.75	3173.	56.	1.
728	0000	-887	37.1103	80.3980	CR-2	4.2	2.7 +	7.7	0.64	0.35 +	1.84	3196.	59.	0.
729	0000	-888	37.1103	80.3985	CR-2	4.2	2.9 +	7.2	0.68 +	0.40 ++	1.70	3181.	58.	0.
730	0000	-895	37.1102	80.3992	CR-2	4.3	3.0 +	7.3	0.70 +	0.41 ++	1.70	3248.	59.	0.
731	0000	-898	37.1102	80.3998	CR-2	4.4	3.0 +	7.4	0.68 +	0.41 ++	1.68	3315.	56.	0.
732	0000	-897	37.1102	80.4005	CR-2	4.5	3.0 +	7.5	0.67 +	0.40 ++	1.67	3390.	57.	0.
733	0000	-898	37.1102	80.4010	CR-2	4.5	2.8 +	7.7	0.62	0.36 +	1.71	3447.	56.	0.
734	0000	-897	37.1102	80.4017	CR-2	4.6	2.6	7.9	0.56	0.32	1.74	3456.	57.	0.
735	0000	-894	37.1102	80.4023	CR-2	4.7	2.5	7.8	0.54	0.32	1.67	3503.	56.	1.
736	0000	-897	37.1102	80.4029	CR-2	4.8	2.5	8.2	0.51	0.30	1.69	3572.	56.	1.
737	0000	-904	37.1102	80.4035	CE	5.0 +	2.5	8.6 +	0.50 -	0.29	1.74 -	3628.	56.	1.
738	0000	-904	37.1102	80.4041	CE	5.0 +	2.4	8.8 +	0.47 -	0.27	1.76 -	3692.	57.	3.
739	0000	-903	37.1102	80.4047	CE	5.1 +	2.6 +	8.9 +	0.50 -	0.29	1.74 -	3762.	57.	4.
740	0000	-903	37.1102	80.4054	CE	5.2 +	2.6 +	8.9 +	0.50 -	0.30	1.70 -	3780.	59.	5.
741	0000	-898	37.1102	80.4060	CE	5.2 +	2.5	9.1 +	0.47 -	0.27	1.73 -	3780.	60.	6.
742	0000	-901	37.1102	80.4066	CE	5.1 +	2.6 +	9.1 +	0.51 -	0.28	1.78 -	3752.	59.	6.
743	0000	-904	37.1102	80.4072	CE	4.9 +	2.3	9.5 +	0.46 -	0.24	1.92 -	3679.	59.	5.
744	0000	-900	37.1102	80.4079	CE	4.8 +	2.1	9.3 +	0.44 -	0.22 -	1.96 -	3584.	58.	5.
745	0000	-904	37.1102	80.4085	CE	4.7 +	2.0	9.2 +	0.43 -	0.22 -	1.98 -	3474.	56.	4.
746	0000	-907	37.1102	80.4090	CE	4.5 +	1.8	9.1 +	0.41 -	0.20 -	2.02 -	3346.	54.	3.
747	0000	-904	37.1102	80.4097	CE	4.3 +	1.9	9.1 +	0.44 -	0.20 -	2.14	3245.	51.	2.
748	0000	-902	37.1102	80.4104	CE	4.1 +	2.2	9.0 +	0.54 -	0.25	2.17	3173.	48.	1.
749	0000	-903	37.1102	80.4109	CE	4.1 +	2.1	8.9 +	0.52 -	0.24	2.15	3107.	48.	1.
750	0000	-907	37.1102	80.4116	CE	4.1 +	2.2	8.5 +	0.53 -	0.26	2.05 -	3116.	47.	2.
751	0000	-912	37.1101	80.4122	CE	4.1 +	2.1	8.5 +	0.51 -	0.25	2.07 -	3094.	49.	3.
752	0000	-909	37.1101	80.4128	CE	4.1 +	2.1	8.3 +	0.52 -	0.25	2.04 -	3085.	52.	3.
753	0000	-901	37.1101	80.4134	CE	4.1 +	1.9	8.2 +	0.47 -	0.24	2.00 -	3109.	52.	5.
754	0000	-900	37.1101	80.4140	CE	4.3 +	2.0	8.4 +	0.46 -	0.23	1.98 -	3160.	52.	6.
755	0000	-905	37.1101	80.4147	CE	4.3 +	1.7	8.1 +	0.39 -	0.21 -	1.88 -	3141.	55.	7.
756	0000	-901	37.1101	80.4153	CE	4.1 +	1.6	7.7	0.38 -	0.20 -	1.85 -	3070.	56.	7.
757	0000	-900	37.1101	80.4159	CE	4.0 +	1.5	7.5	0.37 -	0.20 -	1.85 -	2969.	56.	6.
758	0000	-906	37.1101	80.4165	CE	3.9 +	1.6	6.8	0.41 -	0.23	1.74 -	2879.	53.	5.
759	0000	-907	37.1101	80.4171	CE	3.8 +	1.8	6.5	0.46 -	0.27	1.71 -	2801.	52.	4.
760	0000	-911	37.1101	80.4177	CE	3.7 +	1.8	6.7	0.49 -	0.27	1.80 -	2739.	54.	3.
761	0000	-910	37.1101	80.4184	CE	3.8 +	1.6	6.4	0.42 -	0.25	1.69 -	2754.	53.	2.
762	0000	-904	37.1101	80.4189	CE	3.8 +	1.6	6.9	0.41 -	0.23	1.79 -	2775.	55.	1.
763	0000	-911	37.1101	80.4196	CE	3.9 +	1.7	6.7	0.43 -	0.25	1.71 -	2828.	55.	0.
764	0000	-918	37.1100	80.4202	CE	4.0 +	1.7	6.8	0.42 -	0.25	1.70 -	2893.	56.	0.
765	0000	-914	37.1100	80.4209	CE	4.2 +	1.7	7.2	0.41 -	0.24	1.72 -	2990.	59.	0.

CP9 1P12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT.	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-912	37.1100	80.4215	CE	4.3 +	1.6	7.5	0.37 -	0.21 -	1.73 -	3076.	59.	0.
767	0000	-911	37.1100	80.4220	CE	4.5 +	1.7	7.6	0.37 -	0.22 -	1.67 -	3136.	59.	0.
768	0000	-914	37.1100	80.4227	CE	4.4 +	1.9	7.9	0.43 -	0.24	1.78 -	3154.	62.	0.
769	0000	-914	37.1100	80.4233	CE	4.5 +	2.1	7.7	0.46 -	0.27	1.71 -	3207.	60.	0.
770	0000	-910	37.1100	80.4239	CE	4.5 +	2.1	8.0 +	0.46 -	0.26	1.75 -	3250.	58.	0.
771	0000	-914	37.1100	80.4246	CE	4.6 +	2.2	8.2 +	0.49 -	0.27	1.80 -	3275.	55.	0.
772	0000	-919	37.1100	80.4252	CE	4.7 +	2.3	8.1 +	0.49 -	0.28	1.73 -	3318.	55.	0.
773	0000	-920	37.1100	80.4258	CCO-3	4.9 ++	2.3	8.5 +	0.47 -	0.27	1.73 -	3420.	54.	0.
774	0000	-920	37.1100	80.4264	CCO-3	4.8 ++	2.3	8.5 +	0.47 -	0.27	1.76 -	3447.	53.	0.
775	0000	-917	37.1100	80.4270	CCO-3	4.9 ++	2.3	8.4 +	0.48 -	0.28	1.72 -	3439.	53.	0.
776	0000	-920	37.1100	80.4276	CCO-3	4.9 ++	2.3	8.7 +	0.46 -	0.26	1.77 -	3415.	54.	0.
777	0000	-921	37.1100	80.4283	CCO-3	4.8 ++	2.4	8.7 +	0.50 -	0.28	1.80 -	3386.	55.	1.
778	0000	-916	37.1100	80.4289	CCO-3	4.8 ++	2.3	8.7 +	0.48 -	0.26	1.83 -	3354.	54.	1.
779	0000	-919	37.1100	80.4295	CCO-3	4.6 ++	2.2	8.4 +	0.47 -	0.26 -	1.83 -	3267.	55.	1.
780	0000	-919	37.1100	80.4301	CCO-3	4.4 +	2.2	8.1 +	0.51 -	0.28	1.84 -	3143.	54.	1.
781	0000	-913	37.1100	80.4307	CCO-3	4.3 +	2.2	7.7	0.51 -	0.28	1.79 -	3092.	52.	1.
782	0000	-921	37.1100	80.4314	CCO-3	4.2 +	2.0	7.6	0.48 -	0.26	1.83 -	3017.	51.	2.
783	0000	-925	37.1100	80.4319	CCO-3	4.1 +	2.1	6.9	0.51 -	0.30	1.71 -	2953.	51.	2.
784	0000	-916	37.1100	80.4326	CCO-3	4.0 +	1.9	6.7	0.46 -	0.28	1.68 -	2864.	51.	3.
785	0000	-919	37.1099	80.4332	CCO-3	3.9 +	1.8	6.3	0.46 -	0.28	1.63 -	2779.	53.	4.
786	0000	-928	37.1099	80.4338	CCO-3	3.7 +	2.0	6.2	0.54	0.32	1.66 -	2698.	54.	3.
787	0000	-927	37.1099	80.4345	CCO-3	3.5	1.8	5.8	0.51 -	0.32	1.63 -	2601.	56.	4.
788	0000	-921	37.1099	80.4351	CCO-3	3.3	1.9	5.4	0.56	0.34	1.63 -	2511.	56.	5.
789	0000	-919	37.1099	80.4357	CCO-3	3.1	1.8	5.0 -	0.57	0.36	1.58 -	2421.	57.	6.
790	0000	-925	37.1099	80.4363	CCO-3	3.0	1.6	5.4 -	0.55	0.30	1.82 -	2351.	57.	6.
791	0000	-926	37.1099	80.4369	CCO-3	2.8	1.5 -	5.2 -	0.53 -	0.29	1.84 -	2291.	56.	7.
792	0000	-921	37.1099	80.4375	CCO-3	2.6	1.5 -	5.2 -	0.57	0.29	1.97	2242.	56.	7.
793	0000	-922	37.1099	80.4382	CCO-3	2.5	1.3 -	5.2 -	0.52 -	0.25 -	2.06	2219.	56.	8.
794	0000	-924	37.1099	80.4388	CCO-3	2.5	1.5 -	5.5	0.61	0.28	2.21	2225.	56.	6.
795	0000	-922	37.1099	80.4394	CCO-3	2.5	1.6	6.0	0.64	0.27	2.42	2232.	59.	5.
796	0000	-919	37.1099	80.4400	CCO-3	2.5	1.7	6.4	0.69	0.27	2.55	2272.	59.	5.
797	0000	-923	37.1099	80.4406	CCO-3	2.5	1.9	6.4	0.73	0.29	2.55	2313.	58.	4.
798	0000	-929	37.1098	80.4413	CCO-3	2.6	2.2	6.9	0.84	0.32	2.64	2374.	59.	2.
799	0000	-922	37.1098	80.4418	CCO-3	2.7	2.5 +	7.0	0.93 +	0.36	2.58	2442.	58.	1.
800	0000	-923	37.1099	80.4425	CCO-3	2.8	2.8 +	7.2	1.01 +	0.39 +	2.55	2486.	56.	1.
801	0000	-929	37.1099	80.4431	CCO-3	2.8	3.0 ++	7.3	1.07 +	0.41 +	2.59	2517.	56.	0.
802	0000	-924	37.1099	80.4437	CCO-3	2.9	3.1 ++	7.2	1.08 +	0.43 ++	2.51	2550.	54.	0.
803	0000	-927	37.1099	80.4444	CCO-3	2.9	3.1 ++	7.6	1.06 +	0.41 +	2.58	2591.	52.	0.
804	0000	-924	37.1099	80.4450	CCO-3	3.0	3.0 ++	7.9 +	1.00 +	0.38 +	2.61	2617.	52.	1.
805	0000	-917	37.1098	80.4456	CCO-3	3.1	3.0 ++	8.4 +	0.97 +	0.35	2.75	2629.	52.	2.
806	0000	-927	37.1098	80.4462	CCO-3	3.0	2.8 +	8.9 +	0.91	0.31	2.94 +	2628.	54.	3.
807	0000	-930	37.1098	80.4468	CCO-3	3.0	2.5 +	9.7 ++	0.84	0.26	3.23 ++	2638.	56.	4.
808	0000	-928	37.1098	80.4475	CCO-3	3.0	2.3	9.6 ++	0.77	0.24 -	3.15 +	2658.	56.	6.
809	0000	-928	37.1098	80.4480	CCO-3	3.1	2.2	9.9 ++	0.71	0.22 --	3.23 ++	2658.	57.	7.
810	0000	-918	37.1098	80.4487	OCH	3.1 +	2.0	9.6 +	0.65 -	0.21 -	3.07 -	2670.	60.	8.
811	0000	-917	37.1098	80.4493	OCH	3.2 +	2.1	9.6 +	0.66 -	0.22 -	3.02 -	2699.	59.	8.
812	0000	-923	37.1098	80.4499	OCH	3.3 +	2.0	9.3 +	0.61 -	0.22 -	2.80 -	2773.	59.	9.
813	0000	-921	37.1098	80.4505	OCH	3.6 +	2.0	9.3 +	0.55 -	0.21 -	2.60 -	2863.	59.	8.
814	0000	-932	37.1098	80.4512	OCH	3.8 +	2.1	8.5 +	0.54 -	0.24	2.21 -	2955.	58.	7.
815	0000	-936	37.1098	80.4517	OCH	4.0 +	2.1	8.2 +	0.52 -	0.25	2.05 -	3066.	58.	6.
816	0000	-921	37.1098	80.4524	OCH	4.3 +	2.3 +	8.1 +	0.53 -	0.28	1.90 --	3208.	58.	6.

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-919	37.1098	80.4530	OCH	4.5 +	2.4 +	8.3 +	0.55 -	0.30	1.84 --	3309.	56.	4.
818	0000	-930	37.1098	80.4536	OCH	4.7 +	2.5 +	8.3 +	0.53 -	0.30	1.77 --	3403.	56.	4.
819	0000	-935	37.1097	80.4542	OCH	4.7 +	2.5 +	8.4 +	0.53 -	0.30	1.77 --	3476.	55.	3.
820	0000	-934	37.1097	80.4548	OCH	4.8 +	2.5 +	8.6 +	0.53 -	0.29	1.81 --	3531.	56.	4.
821	0000	-924	37.1097	80.4555	OCH	4.9 ++	2.3 +	9.1 +	0.48 --	0.25	1.88 --	3579.	55.	4.
822	0000	-919	37.1097	80.4561	OCH	4.9 ++	2.3 +	9.5 +	0.46 --	0.24 -	1.92 --	3587.	55.	4.
823	0000	-929	37.1098	80.4567	OB-2	4.9 +	2.4 +	9.5 +	0.50	0.26	1.96	3554.	54.	4.
824	0000	-935	37.1098	80.4574	OB-2	4.7 +	2.5 +	9.7 +	0.53	0.26	2.04	3516.	54.	4.
825	0000	-933	37.1098	80.4579	OB-2	4.6 +	2.3	9.4 +	0.50	0.24	2.04	3457.	56.	4.
826	0000	-930	37.1097	80.4585	OB-2	4.5	2.3	9.5 +	0.50	0.24	2.10	3401.	56.	4.
827	0000	-927	37.1097	80.4592	OB-2	4.6	2.4	9.2	0.53	0.26	2.02	3369.	56.	3.
828	0000	-934	37.1097	80.4598	OB-2	4.5	2.4	9.2	0.53	0.26	2.03	3333.	56.	2.
829	0000	-941	37.1097	80.4604	OB-2	4.5	2.4	9.5 +	0.53	0.25	2.13	3301.	54.	2.
830	0000	-940	37.1097	80.4610	OB-2	4.6 +	2.0	9.7 +	0.44 -	0.21	2.11	3319.	55.	1.
831	0000	-937	37.1097	80.4617	OB-2	4.7 +	2.1	9.2	0.45 -	0.23	1.96	3351.	55.	1.
832	0000	-931	37.1097	80.4623	OB-2	4.8 +	2.3	9.2	0.48 -	0.25	1.94	3393.	54.	1.
833	0000	-931	37.1097	80.4629	OB-2	4.8 +	2.2	9.3	0.46 -	0.24	1.91	3430.	54.	2.
834	0000	-943	37.1097	80.4635	OB-2	4.8 +	2.0	9.2	0.41 -	0.22	1.90	3433.	53.	3.
835	0000	-934	37.1097	80.4642	OB-2	4.7 +	2.1	9.2	0.45 -	0.23	1.96	3433.	52.	3.
836	0000	-926	37.1097	80.4647	OB-2	4.7 +	2.3	9.1	0.49	0.26	1.94	3422.	52.	4.
837	0000	-931	37.1097	80.4654	OB-2	4.6	2.4	8.9	0.52	0.27 +	1.94	3382.	50.	5.
838	0000	-923	37.1097	80.4659	OB-2	4.4	2.3	9.1	0.53	0.25	2.06	3341.	49.	5.
839	0000	-922	37.1096	80.4666	OB-2	4.3	2.4 +	9.1	0.57	0.27 +	2.11	3298.	49.	5.
840	0000	-933	37.1096	80.4672	OB-2	4.2	2.2	9.1	0.52	0.24	2.14	3251.	51.	5.
841	0000	-927	37.1096	80.4678	OB-2	4.2	2.3	8.8	0.55	0.26	2.09	3216.	50.	4.
842	0000	-927	37.1096	80.4685	OB-2	4.2	2.3	8.5 -	0.55	0.27 +	2.02	3194.	53.	4.
843	0000	-935	37.1096	80.4691	OB-2	4.2	2.2	8.2 -	0.52	0.27 +	1.97	3148.	52.	4.
844	0000	-931	37.1096	80.4697	OB-1	4.1 +++	2.4 +	7.9 ++	0.58 --	0.30	1.92 --	3109.	53.	3.
845	0000	-935	37.1096	80.4704	OB-1	4.2 +++	2.2 +	7.6 +	0.52 --	0.29	1.82 --	3069.	55.	4.
846	0000	-936	37.1096	80.4709	OB-1	4.1 +++	2.0	7.5 +	0.48 --	0.26	1.86 --	3007.	54.	4.
847	0000	-927	37.1096	80.4716	OB-1	3.9 ++	2.2 +	7.0 +	0.58 --	0.32	1.80 --	2892.	53.	4.
848	0000	-935	37.1096	80.4722	OB-1	3.6 ++	2.2 +	6.7 +	0.62 --	0.33	1.88 --	2765.	52.	5.
849	0000	-942	37.1096	80.4728	OB-1	3.2 ++	2.2 +	6.7 +	0.71 -	0.34	2.12 --	2576.	51.	5.
850	0000	-929	37.1096	80.4734	OB-1	2.8 ++	2.2 +	6.3 +	0.78 -	0.34	2.28 --	2375.	53.	6.
851	0000	-927	37.1096	80.4740	OB-1	2.4 ++	1.9	6.8 +	0.81 -	0.28	2.90 -	2159.	52.	6.
852	0000	-940	37.1096	80.4746	OB-1	1.9 +	2.1 +	6.7 +	1.08 -	0.31	3.51 -	1929.	52.	5.
853	0000	-939	37.1095	80.4753	OB-1	1.6 +	2.0 +	6.4 +	1.28	0.32	4.04	1731.	52.	5.
854	0000	-931	37.1095	80.4759	OB-1	1.3 +	2.0 +	6.1 +	1.49	0.32	4.64	1571.	50.	4.
855	0000	-932	37.1095	80.4765	OB-1	1.1	2.0 +	5.9	1.80	0.34	5.34	1433.	52.	3.
856	0000	-936	37.1096	80.4771	OB-1	1.1	1.9	5.4	1.83	0.36	5.08	1354.	52.	3.
857	0000	-939	37.1096	80.4777	OB-1	1.0	1.9	5.4	1.81	0.35	5.21	1316.	49.	2.
858	0000	-939	37.1096	80.4784	OB-1	1.0	2.1 +	4.6	2.09	0.45 +	4.70	1288.	51.	2.
859	0000	-934	37.1096	80.4789	OB-1	1.0	2.0 +	4.5	2.04	0.44 +	4.62	1277.	50.	3.
860	0000	-931	37.1095	80.4796	OB-1	1.0	1.9	4.1	2.00	0.46 +	4.35	1267.	52.	3.
861	0000	-936	37.1095	80.4802	OB-1	0.9	1.8	4.2	2.09	0.44	4.77	1256.	52.	4.
862	0000	-940	37.1095	80.4808	OB-1	0.8	1.9	4.3	2.29	0.45 +	5.15	1229.	51.	5.
863	0000	-940	37.1095	80.4815	OB-1	0.7	1.8	4.2	2.53	0.43	5.85	1209.	51.	6.
864	0000	-942	37.1095	80.4820	OB-1	0.6	1.9	4.1	3.05	0.45 +	6.47	1197.	52.	6.
865	0000	-941	37.1095	80.4827	OB-1	0.7	1.6	4.1	2.32	0.39	6.21	1206.	50.	7.
866	0000	-932	37.1095	80.4833	OB-1	0.7	1.4	4.0	2.03	0.36	5.88	1198.	51.	8.
867	0000	-931	37.1095	80.4839	OB-1	0.7	1.4	3.9	1.98	0.35	5.38	1189.	50.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-934	37.1095	80.4846	OB-1	0.9	1.2	3.6	1.41	0.34	4.19	1177.	54.	8.
869	0000	-933	37.1095	80.4852	OB-1	1.0	1.0 -	3.4 -	1.05 -	0.31	3.40 -	1197.	54.	8.
870	0000	-940	37.1095	80.4858	OB-1	1.1	1.0 -	3.1 -	0.93 -	0.32	2.83 -	1215.	53.	8.
871	0000	-946	37.1095	80.4864	OB-1	1.2	1.0 -	3.1 -	0.84 -	0.33	2.55 -	1228.	54.	7.
872	0000	-937	37.1095	80.4870	OB-1	1.3 +	1.3	2.8 -	1.00 -	0.46 +	2.19 --	1229.	56.	6.
873	0000	-930	37.1094	80.4876	OB-1	1.3 +	1.6	2.7 -	1.23	0.60 +	2.04 --	1251.	54.	5.
874	0000	-933	37.1094	80.4883	OB-1	1.3 +	1.8	2.6 --	1.43	0.70 ++	2.02 --	1281.	55.	3.
875	0000	-939	37.1094	80.4888	OB-1	1.3 +	2.1 +	2.8 -	1.68	0.75 ++	2.23 --	1332.	53.	2.
876	0000	-937	37.1094	80.4895	OB-1	1.3 +	2.5 ++	2.7 -	2.03	0.93 +++	2.19 --	1368.	52.	2.
877	0000	-933	37.1094	80.4901	OB-1	1.3 +	2.7 ++	3.2 -	2.15	0.85 ++	2.53 -	1400.	51.	1.
878	0000	-933	37.1094	80.4907	OB-1	1.2	2.9 +++	3.0 -	2.32	0.95 +++	2.44 -	1418.	51.	0.
879	0000	-925	37.1095	80.4913	OB-1	1.2	3.0 +++	3.6	2.52	0.83 ++	3.03 -	1444.	50.	0.
880	0000	-927	37.1094	80.4919	OB-1	1.2	2.8 ++	3.9	2.40	0.71 ++	3.36 -	1455.	52.	1.
881	0000	-943	37.1094	80.4926	OB-1	1.2	2.6 ++	4.1	2.23	0.64 ++	3.51 -	1439.	50.	2.
882	0000	-934	37.1094	80.4932	OB-1	1.1	2.6 ++	4.0	2.37	0.63 ++	3.74 -	1393.	48.	2.
883	0000	-928	37.1094	80.4938	OB-1	1.0	2.4 ++	4.1	2.52	0.60 +	4.21	1315.	48.	2.
884	0000	-943	37.1094	80.4945	OB-1	0.9	2.2 +	4.0	2.46	0.54 +	4.53	1243.	50.	2.
885	0000	-946	37.1094	80.4950	OB-1	0.8	2.0 +	4.3	2.45	0.47 +	5.20	1192.	50.	2.
886	0000	-938	37.1094	80.4957	OB-1	0.8	2.0 +	4.2	2.63	0.48 +	5.52	1132.	48.	2.
887	0000	-935	37.1094	80.4963	OB-1	0.7	2.1 +	4.2	2.93	0.50 +	5.84	1087.	48.	1.
888	0000	-934	37.1094	80.4969	OB-1	0.7	2.2 +	4.5	3.26	0.48 +	6.83	1069.	48.	1.
889	0000	-935	37.1094	80.4975	OB-1	0.7	2.0 +	4.9	3.07	0.41	7.55	1079.	49.	0.
890	0000	-935	37.1094	80.4982	OB-1	0.7	1.8	5.4	2.54	0.33	7.76	1114.	49.	1.
891	0000	-937	37.1094	80.4988	OB-1	0.7	1.9	5.3	2.65	0.36	7.28	1144.	50.	0.
892	0000	-939	37.1094	80.4994	OB-1	0.7	1.9	5.6	2.58	0.34	7.59	1179.	50.	0.
893	0000	-936	37.1094	80.5000	OB-1	0.8	1.8	5.6	2.20	0.32	6.92	1201.	51.	0.
894	0000	-936	37.1093	80.5006	OB-1	0.8	1.8	5.8	2.28	0.30	7.47	1220.	49.	0.
895	0000	-940	37.1093	80.5013	OB-1	0.8	2.0 +	5.4	2.61	0.37	7.02	1228.	51.	0.
896	0000	-942	37.1093	80.5018	OB-1	0.8	2.1 +	5.2	2.68	0.40	6.67	1226.	51.	1.
897	0000	-941	37.1093	80.5025	OB-1	0.7	2.0 +	5.0	2.76	0.40	6.92	1197.	51.	2.
898	0000	-936	37.1093	80.5031	OB-1	0.6	1.9	5.0	2.94	0.38	7.77	1160.	51.	2.
899	0000	-934	37.1093	80.5037	OB-1	0.6	1.8	4.6	3.15	0.40	7.88	1101.	54.	3.
900	0000	-931	37.1093	80.5043	OB-1	0.5	1.6	4.4	3.26	0.37	8.83	1042.	55.	4.
901	0000	-927	37.1093	80.5050	OB-1	0.5	1.4	4.0	2.87	0.35	8.24	1001.	57.	5.
902	0000	-934	37.1093	80.5056	OB-1	0.5	1.2	3.8	2.39	0.32	7.40	980.	58.	6.
903	0000	-940	37.1093	80.5062	OB-1	0.5	1.2	3.9	2.28	0.30	7.53	979.	57.	6.
904	0000	-940	37.1093	80.5068	DLMU-1	0.5	1.3	4.0	2.34	0.32	7.36	982.	60.	6.
905	0000	-939	37.1093	80.5074	DLMU-1	0.6	1.4	3.9	2.49	0.36	6.97	981.	60.	5.
906	0000	-932	37.1093	80.5080	DLMU-1	0.6	1.5	4.0	2.58	0.37	7.06	984.	58.	4.
907	0000	-925	37.1092	80.5087	DLMU-1	0.6	1.5	4.0	2.60	0.38	6.77	998.	57.	3.
908	0000	-933	37.1092	80.5093	DLMU-1	0.6	1.7	4.0	2.82	0.41	6.85	991.	57.	2.
909	0000	-938	37.1092	80.5099	DLMU-1	0.6	1.7	4.0	2.75	0.42	6.61	985.	56.	1.
910	0000	-933	37.1092	80.5105	DLMU-1	0.6	1.6	3.9	2.80	0.43	6.57	958.	57.	1.
911	0000	-935	37.1093	80.5112	DLMU-1	0.6	1.6	3.6	2.51	0.44	5.69 -	951.	54.	0.
912	0000	-931	37.1093	80.5117	DLMU-1	0.7	1.4	3.6	2.16	0.39	5.55 -	943.	56.	0.
913	0000	-927	37.1093	80.5124	DLMU-1	0.7	1.5	3.6	2.23	0.41	5.40 -	967.	53.	0.
914	0000	-937	37.1092	80.5130	DLMU-1	0.7	1.4	4.1	2.06	0.34	6.10	981.	52.	0.
915	0000	-941	37.1092	80.5136	DLMU-1	0.7	1.6	3.9	2.38	0.40	5.89 -	1001.	52.	1.
916	0000	-935	37.1092	80.5142	DLMU-1	0.7	1.5	4.1	2.19	0.37	5.98 -	1022.	50.	1.
917	0000	-930	37.1092	80.5148	DLMU-1	0.7	1.6	4.4	2.37	0.36	6.52	1054.	49.	2.
918	0000	-926	37.1092	80.5155	DLMU-1	0.7	1.8	4.4	2.80	0.42	6.72	1092.	50.	2.

CP 9 IP 12

CP 9 IP 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-924	37.1092	80.5161 DLMU-1	0.7	1.9	4.8	2.66	0.39	6.90	1160.	49.	3.
920	0000	-928	37.1092	80.5167 DLMU-1	0.8	1.6	5.1	2.11	0.32	6.57	1206.	52.	3.
921	0000	-932	37.1092	80.5173 DLMU-1	0.9 +	1.7	5.1	1.81 -	0.32	5.56 -	1317.	54.	3.
922	0000	-934	37.1092	80.5179 DLMU-1	1.0 +	1.6	5.8 +	1.55 -	0.27	5.72 -	1420.	51.	4.
923	0000	-933	37.1092	80.5186 DLMU-1	1.2 +	1.7	6.7 +	1.50 -	0.26	5.73 -	1530.	52.	3.
924	0000	-931	37.1092	80.5192 DLMU-1	1.3 +	1.8	6.7 +	1.39 -	0.27	5.09 -	1643.	51.	3.
925	0000	-927	37.1092	80.5197 DLMU-2	1.5	1.9	7.7	1.22	0.24	5.10	1793.	51.	3.
926	0000	-930	37.1092	80.5204 DLMU-2	1.7 +	2.2	7.6	1.32	0.29	4.55 -	1878.	51.	2.
927	0000	-935	37.1092	80.5210 DLMU-2	1.7 +	2.5	7.6	1.45	0.33	4.46 -	1921.	51.	2.
928	0000	-934	37.1091	80.5217 DLMU-2	1.7 +	2.7	7.4 -	1.58	0.36 +	4.33 -	1903.	52.	2.
929	0000	-931	37.1091	80.5224 DLMU-2	1.8 +	2.5	7.6	1.42	0.33 +	4.28 -	1903.	54.	2.
930	0000	-932	37.1091	80.5230 DLMU-2	1.7 +	2.5	7.3 -	1.48	0.35 +	4.27 -	1888.	55.	2.
931	0000	-936	37.1091	80.5236 DLMU-2	1.7 +	2.4	7.6	1.40	0.31	4.49 -	1875.	57.	1.
932	0000	-936	37.1091	80.5243 DLMU-2	1.7 +	2.3	7.4 -	1.37	0.31	4.38 -	1843.	55.	1.
933	0000	-932	37.1091	80.5249 DLMU-2	1.7 +	2.0	7.8	1.21	0.26	4.70 -	1849.	55.	0.
934	0000	-935	37.1091	80.5256 DLMU-2	1.7 +	1.9	8.2	1.14 -	0.24	4.79 -	1883.	53.	0.
935	0000	-941	37.1092	80.5262 DLMU-2	1.7 +	1.9	8.9	1.08 -	0.21	5.17	1915.	51.	0.
936	0000	-935	37.1092	80.5269 DLMU-2	1.7 +	2.0	8.9	1.15 -	0.22	5.15	1947.	52.	0.
937	0000	-928	37.1092	80.5275 DLMU-2	1.8 +	2.0	8.9	1.09 -	0.22	4.87 -	1965.	53.	0.
938	0000	-930	37.1092	80.5282 DLMU-2	1.9 +	2.1	8.7	1.09 -	0.24	4.59 -	1984.	51.	0.
939	0000	-934	37.1092	80.5288 DLMU-2	1.9 +	2.0	8.3	1.06 -	0.24	4.35 -	1955.	53.	0.
940	0000	-942	37.1092	80.5295 DLMU-2	1.9 +	2.2	7.7	1.14 -	0.28	4.06 -	1932.	55.	0.
941	0000	-941	37.1092	80.5301 DLMU-2	1.9 +	2.3	7.2 -	1.17 -	0.32	3.71 -	1917.	54.	0.
942	0000	-933	37.1092	80.5307 DLMU-1	2.0 ++	2.4 +	6.4 +	1.23 -	0.37	3.28 -	1889.	55.	0.
943	0000	-937	37.1092	80.5314 DLMU-1	2.0 ++	2.4 +	5.8 +	1.20 -	0.40	2.98 -	1855.	55.	0.
944	0000	-944	37.1092	80.5320 DLMU-1	1.8 ++	2.4 +	5.7 +	1.33 -	0.43	3.07 -	1827.	53.	0.
945	0000	-938	37.1092	80.5327 DLMU-1	1.8 ++	2.4 +	5.4	1.38 -	0.45	3.06 -	1787.	56.	0.
946	0000	-935	37.1092	80.5334 DLMU-1	1.7 ++	2.7 +	5.4	1.59 -	0.49	3.22 -	1778.	55.	0.
947	0000	-940	37.1092	80.5340 DLMU-1	1.7 ++	2.5 +	5.5 +	1.52 -	0.46	3.32 -	1778.	55.	0.
948	0000	-940	37.1092	80.5346 DLMU-1	1.7 ++	2.5 +	5.7 +	1.43 -	0.43	3.32 -	1807.	55.	0.
949	0000	-936	37.1091	80.5353 DLMU-1	1.9 ++	2.4 +	5.8 +	1.30 -	0.41	3.14 -	1847.	54.	0.
950	0000	-940	37.1091	80.5359 CE	1.9	2.4	5.7	1.28	0.43 +	3.00	1848.	52.	0.
951	0000	-940	37.1091	80.5366 CE	2.0	2.3	5.4	1.16	0.43 +	2.70	1830.	53.	0.
952	0000	-930	37.1091	80.5372 CE	2.0	2.3	5.6	1.14	0.41 +	2.79	1823.	53.	0.
953	0000	-932	37.1091	80.5378 CE	2.0	2.1	5.4	1.04	0.40	2.63	1843.	51.	0.
954	0000	-943	37.1091	80.5385 CE	2.1	2.2	5.4	1.08	0.42 +	2.60	1867.	49.	1.
955	0000	-939	37.1091	80.5392 CE	2.1	2.0	5.6	0.98	0.37	2.67	1870.	50.	1.
956	0000	-934	37.1092	80.5398 CE	2.1	2.1	5.4	1.01	0.39	2.57	1924.	50.	1.
957	0000	-933	37.1092	80.5405 CE	2.3	2.2	5.8	0.98	0.38	2.57	2018.	54.	2.
958	0000	-931	37.1092	80.5411 CE	2.4	2.0	6.6	0.81	0.30	2.72	2141.	53.	3.
959	0000	-931	37.1092	80.5417 CE	2.6	2.0	6.6	0.78	0.31	2.53	2242.	54.	3.
960	0000	-929	37.1092	80.5424 CE	2.8	1.7	6.9	0.60 -	0.24	2.47	2301.	55.	4.
961	0000	-926	37.1092	80.5430 CE	2.9	1.4	7.2	0.49 -	0.20 -	2.50	2318.	56.	5.
962	0000	-933	37.1092	80.5437 CE	2.9	1.4	7.1	0.50 -	0.20 -	2.45	2282.	55.	5.
963	0000	-941	37.1092	80.5443 CE	2.7	1.2 -	7.2	0.44 -	0.17 --	2.64	2180.	55.	6.
964	0000	-941	37.1092	80.5449 CE	2.5	1.1 -	6.9	0.45 -	0.16 --	2.83	2038.	52.	5.
965	0000	-937	37.1092	80.5456 CE	2.1	1.1 -	6.4	0.51 -	0.17 --	3.01	1857.	54.	5.
966	0000	-937	37.1092	80.5463 CE	1.8	0.9 -	5.8	0.52 -	0.16 --	3.23	1663.	52.	5.
967	0000	-939	37.1092	80.5469 CE	1.4	1.2 -	5.1	0.82	0.23 -	3.66	1441.	52.	4.
968	0000	-939	37.1092	80.5476 CE	1.1	1.2 -	4.6	1.17	0.27	4.26	1245.	52.	3.
969	0000	-935	37.1092	80.5482 CE	0.8 -	1.2 -	4.0 -	1.51	0.31	4.91	1101.	52.	3.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-932	37.1091	80.5488	CE	0.6 -	1.3 -	3.8 -	2.05 +	0.33	6.14	997.	52.	3.
971	0000	-935	37.1091	80.5495	CE	0.6 -	1.2 -	3.6 -	2.21 +	0.34	6.44 +	937.	53.	3.
972	0000	-938	37.1091	80.5501	CE	0.5 -	1.3	3.3 -	2.52 +	0.40	6.25	902.	52.	3.
973	0000	-939	37.1091	80.5508	CE	0.5 -	1.2 -	3.3 -	2.37 +	0.37	6.48 +	891.	53.	4.
974	0000	-938	37.1091	80.5514	CE	0.6 -	1.2 -	3.7 -	2.06 +	0.32	6.43 +	947.	53.	4.
975	0000	-935	37.1091	80.5520	CE	0.7 -	1.1 -	4.0 -	1.57	0.26	5.98	1022.	53.	5.
976	0000	-936	37.1091	80.5527	CE	0.7 -	1.0 -	4.6	1.40	0.22 -	6.22	1100.	53.	6.
977	0000	-934	37.1091	80.5534	CE	0.8 -	1.1 -	4.7	1.43	0.24	6.06	1178.	51.	7.
978	0000	-933	37.1092	80.5540	CE	0.9	1.0 -	5.0	1.17	0.21 -	5.60	1233.	51.	7.
979	0000	-942	37.1092	80.5547	CE	0.9	1.3 -	5.3	1.39	0.25	5.58	1305.	53.	8.
980	0000	-938	37.1092	80.5553	CE	1.0	1.4	5.2	1.43	0.28	5.12	1364.	53.	8.
981	0000	-931	37.1092	80.5559	CE	1.0	1.6	5.3	1.52	0.30	5.15	1391.	57.	7.
982	0000	-936	37.1092	80.5566	CE	1.1	1.6	5.4	1.50	0.29	5.11	1423.	57.	6.
983	0000	-936	37.1092	80.5572	CE	1.1	1.9	5.0	1.79	0.38	4.68	1463.	59.	5.
984	0000	-937	37.1092	80.5579	CE	1.2	1.9	5.4	1.60	0.34	4.69	1511.	61.	4.
985	0000	-944	37.1092	80.5585	CE	1.1	2.3	5.5	2.12 +	0.43 +	4.95	1571.	60.	3.
986	0000	-940	37.1092	80.5592	CE	1.2	2.3	5.7	1.93	0.40	4.84	1591.	59.	2.
987	0000	-937	37.1092	80.5598	CE	1.2	2.3	6.0	1.96 +	0.38	5.09	1576.	57.	1.
988	0000	-942	37.1092	80.5605	CE	1.1	2.2	5.6	2.00 +	0.40	5.00	1508.	54.	1.
989	0000	-939	37.1092	80.5611	CE	1.0	2.2	5.1	2.11 +	0.43 +	4.94	1399.	54.	0.
990	0000	-935	37.1092	80.5618	CE	0.9	1.9	4.8	2.10 +	0.40	5.23	1245.	53.	0.
991	0000	-936	37.1091	80.5624	CE	0.7 -	1.8	3.9 -	2.39 +	0.46 +	5.23	1057.	52.	0.
992	0000	-937	37.1091	80.5630	CE	0.6 -	1.2 -	3.4 -	1.94	0.36	5.37	871.	54.	1.
993	0000	-939	37.1091	80.5637	CE	0.5 -	0.8 -	2.8 -	1.82	0.30	6.13	712.	53.	2.
994	0000	-939	37.1091	80.5643	CE	0.3 --	0.6 --	2.5 --	1.95 +	0.25	7.72 +	595.	51.	3.
995	0000	-938	37.1091	80.5650	CE	0.2 --	0.4 --	2.7 --	1.60	0.15 --	10.80 +	531.	50.	4.
996	0000	-943	37.1091	80.5656	CE	0.2 ---	0.3 --	2.5 --	1.31	0.12 ---	11.10 ++	498.	52.	6.
997	0010	-942	37.1091	80.5663	CE	0.2 ---	0.1 N.A.	2.6 --	0.57 N.A.	0.04 N.A.	13.31 ++	497.	51.	8.
998	0010	-938	37.1091	80.5669	CE	0.2 ---	0.0 N.A.	2.8 -	0.00 N.A.	0.00 N.A.	15.24 ++	506.	52.	9.
999	0010	-941	37.1091	80.5676	CE	0.2 ---	0.0 N.A.	2.7 --	0.0 N.A.	0.0 N.A.	14.70 ++	520.	50.	11.
1000	0010	-938	37.1091	80.5682	CE	0.2 ---	0.0 N.A.	2.9 -	0.0 N.A.	0.0 N.A.	16.59 ++	525.	53.	11.
1001	0010	-935	37.1092	80.5689	CE	0.2 ---	0.0 N.A.	2.8 -	0.0 N.A.	0.0 N.A.	13.26 ++	554.	53.	11.
1002	0010	-943	37.1092	80.5695	CE	0.2 --	0.2 N.A.	2.7 --	0.75 N.A.	0.06 N.A.	12.05 ++	591.	53.	10.
1003	0000	-944	37.1092	80.5701	CE	0.2 --	0.5 --	3.1 -	2.12 +	0.16 --	13.01 ++	651.	52.	8.
1004	0000	-936	37.1092	80.5708	CE	0.3 --	0.9 -	3.4 -	2.84 +	0.27	10.66 +	732.	51.	7.
1005	0000	-935	37.1092	80.5714	CE	0.5 -	1.3 -	3.5 -	2.70 +	0.37	7.30 +	843.	51.	5.
1006	0000	-935	37.1092	80.5721	CE	0.7 -	1.6	3.9 -	2.19 +	0.41 +	5.36	1014.	52.	3.
1007	0000	-932	37.1092	80.5727	CE	1.1	1.8	4.3 -	1.66	0.43 +	3.85	1223.	51.	2.
1008	0000	-932	37.1092	80.5733	CE	1.5	2.0	5.0	1.34	0.41 +	3.30	1438.	54.	2.
1009	0000	-938	37.1092	80.5740	CE	2.0	2.1	5.3	1.09	0.40	2.73	1678.	55.	1.
1010	0000	-939	37.1092	80.5747	CE	2.4	1.9	5.9	0.78	0.32	2.43	1906.	54.	1.
1011	0000	-933	37.1092	80.5753	CE	2.9	1.7	6.2	0.59 -	0.27	2.16	2118.	53.	1.
1012	0000	-930	37.1091	80.5759	CE	3.2 +	1.5	6.7	0.48 -	0.23	2.07 -	2303.	53.	1.
1013	0000	-935	37.1091	80.5766	CE	3.4 +	1.7	6.7	0.49 -	0.25	1.94 -	2436.	54.	1.
1014	0000	-943	37.1091	80.5772	CE	3.5 +	1.8	7.1	0.52 -	0.26	2.03 -	2521.	53.	2.
1015	0000	-942	37.1091	80.5779	CE	3.5 +	1.8	6.7	0.52 -	0.27	1.92 -	2571.	48.	2.
1016	0000	-936	37.1091	80.5786	CE	3.6 +	1.6	6.8	0.45 -	0.23	1.92 -	2585.	47.	3.
1017	0000	-937	37.1091	80.5792	CE	3.4 +	1.8	6.6	0.51 -	0.26	1.93 -	2555.	48.	3.
1018	0000	-934	37.1091	80.5798	CE	3.3 +	1.9	6.4	0.59 -	0.30	1.95 -	2507.	49.	4.
1019	0000	-930	37.1091	80.5805	CE	3.1	2.0	5.7	0.65	0.35	1.85 -	2412.	48.	5.
1020	0000	-939	37.1091	80.5811	CE	2.9	1.5	5.8	0.52 -	0.26	2.01 -	2294.	49.	6.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR. CPS
1021	0000	-945	37.1091	80.5818	CE	2.8	1.3 -	5.4	0.47 -	0.24	1.95 -	2201.	49.	6.
1022	0000	-937	37.1091	80.5824	CE	2.6	1.3 -	5.6	0.48 -	0.22 -	2.15	2107.	53.	7.
1023	0000	-933	37.1091	80.5830	CE	2.4	1.5	5.4	0.62	0.28	2.24	2025.	53.	6.
1024	0000	-935	37.1092	80.5837	CE	2.3	1.7	5.6	0.74	0.31	2.42	1993.	52.	5.
1025	0000	-930	37.1092	80.5844	CE	2.2	1.7	5.8	0.78	0.29	2.66	1949.	51.	4.
1026	0000	-931	37.1092	80.5850	CE	2.1	1.8	6.4	0.82	0.27	3.00	1944.	52.	3.
1027	0000	-934	37.1092	80.5857	CE	2.1	2.0	6.5	0.93	0.31	3.02	1946.	50.	2.
1028	0000	-932	37.1092	80.5863	CE	2.1	2.0	6.6	0.96	0.31	3.11	1947.	51.	2.
1029	0000	-935	37.1092	80.5869	CE	2.2	2.0	6.8	0.94	0.30	3.14	1949.	50.	1.
1030	0000	-935	37.1092	80.5876	CE	2.0	2.0	6.9	0.98	0.29	3.40	1927.	49.	2.
1031	0000	-924	37.1092	80.5882	CE	1.9	1.8	6.5	0.91	0.27	3.37	1860.	50.	2.
1032	0000	-922	37.1092	80.5889	CE	1.9	1.7	6.3	0.92	0.27	3.34	1807.	51.	3.
1033	0000	-931	37.1091	80.5895	CE	1.8	1.8	6.0	0.99	0.30	3.33	1757.	51.	3.
1034	0000	-938	37.1091	80.5902	CE	1.7	1.7	5.8	1.05	0.30	3.47	1688.	51.	3.
1035	0000	-935	37.1091	80.5908	CE	1.6	1.9	5.5	1.21	0.34	3.51	1597.	51.	2.
1036	0000	-924	37.1091	80.5914	(WATER)	1.4	1.9	5.0	1.39	0.38	3.63	1473.	51.	2.
1037	0000	-926	37.1091	80.5921	(WATER)	1.2	1.7	4.3	1.39	0.39	3.52	1320.	54.	1.
1038	0000	-935	37.1091	80.5927	(WATER)	1.1	1.6	4.0	1.38	0.40	3.47	1197.	53.	1.
1039	0000	-937	37.1091	80.5934	(WATER)	1.1	1.3	4.1	1.18	0.33	3.61	1121.	53.	0.
1040	0000	-943	37.1091	80.5940	(WATER)	1.1	0.9	4.1	0.80	0.23	3.55	1076.	51.	0.
1041	0000	-945	37.1091	80.5947	CE	1.1	0.8 -	3.9 -	0.76	0.22 -	3.51	1047.	51.	1.
1042	0000	-937	37.1091	80.5953	CE	1.0	0.9 -	3.8 -	0.87	0.23	3.73	1016.	50.	1.
1043	0000	-938	37.1091	80.5960	CE	1.0	0.8 -	3.9 -	0.74	0.20 -	3.74	1032.	47.	1.
1044	0000	-940	37.1091	80.5966	CE	1.0	0.9 -	4.2 -	0.88	0.22 -	4.01	1085.	48.	2.
1045	0000	-935	37.1091	80.5972	CE	1.1	1.0 -	4.6	0.95	0.23	4.18	1154.	49.	2.
1046	0000	-929	37.1091	80.5979	CE	1.1	1.2 -	4.4 -	1.16	0.28	4.08	1198.	48.	3.
1047	0000	-925	37.1091	80.5985	CE	1.1	1.5	4.3 -	1.43	0.35	4.04	1234.	47.	4.
1048	0000	-934	37.1091	80.5992	CE	1.2	1.5	4.4 -	1.29	0.35	3.73	1308.	46.	5.
1049	0000	-947	37.1091	80.5999	CE	1.4	1.6	4.8	1.14	0.33	3.41	1422.	45.	5.
1050	0000	-939	37.1091	80.6005	CE	1.6	1.8	5.0	1.13	0.36	3.19	1527.	45.	5.
1051	0000	-929	37.1091	80.6011	CE	1.6	1.8	5.5	1.12	0.33	3.40	1595.	43.	6.
1052	0000	-936	37.1092	80.6018	CE	1.6	1.7	5.7	1.09	0.31	3.55	1603.	43.	6.
1053	0000	-945	37.1092	80.6024	CE	1.6	1.7	6.1	1.09	0.28	3.88	1577.	44.	6.
1054	0000	-946	37.1091	80.6031	CE	1.5	1.7	6.4	1.18	0.27	4.43	1539.	44.	5.
1055	0000	-942	37.1091	80.6036	CE	1.3	1.8	6.5	1.42	0.28	5.14	1477.	48.	4.
1056	0000	-940	37.1091	80.6042	CE	1.1	1.7	6.5	1.54	0.26	5.97	1392.	49.	4.
1057	0000	-935	37.1091	80.6048	CE	0.9	1.6	6.7	1.80	0.24	7.40 +	1301.	50.	3.
1058	0000	-935	37.1091	80.6054	CE	0.8	1.6	6.4	1.93	0.25	7.60 +	1234.	50.	2.
1059	0000	-943	37.1091	80.6059	CE	0.8 -	1.7	6.1	2.21 +	0.28	7.94 +	1185.	49.	2.
1060	0000	-943	37.1091	80.6065	CE	0.7 -	1.7	5.7	2.31 +	0.29	7.98 +	1147.	48.	1.
1061	0000	-939	37.1091	80.6071	CE	0.7 -	1.5	5.2	2.35 +	0.30	7.93 +	1092.	49.	1.
1062	0000	-936	37.1091	80.6077	CE	0.6 -	1.6	5.0	2.63 +	0.31	8.50 +	1030.	48.	0.
1063	0000	-933	37.1091	80.6082	CE	0.5 -	1.5	4.7	2.91 +	0.32	9.23 +	973.	48.	1.
1064	0000	-941	37.1091	80.6088	CE	0.5 -	1.5	4.4 -	3.02 +	0.33	9.09 +	945.	46.	1.
1065	0000	-944	37.1091	80.6094	CE	0.5 -	1.5	4.1 -	2.96 +	0.35	8.39 +	929.	46.	1.
1066	0000	-938	37.1091	80.6100	CE	0.5 -	1.4	4.1 -	2.60 +	0.34	7.60 +	939.	45.	1.
1067	0000	-945	37.1090	80.6105	CE	0.5 -	1.4	4.3 -	2.46 +	0.32	7.78 +	943.	45.	1.
1068	0000	-942	37.1090	80.6111	CE	0.6 -	1.3 -	4.5 -	2.25 +	0.29	7.84 +	947.	44.	2.
1069	0000	-933	37.1090	80.6117	CE	0.6 -	1.2 -	4.3 -	2.02 +	0.27	7.49 +	929.	46.	2.
1070	0000	-940	37.1090	80.6123	CE	0.6 -	1.1 -	4.3 -	1.85	0.25	7.32 +	919.	45.	1.
1071	0000	-937	37.1090	80.6128	CE	0.6 -	1.1 -	3.9 -	1.96 +	0.29	6.74 +	895.	48.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-929	37.1090	80.6134	CE	0.6 -	1.0 -	3.8 -	1.73	0.26	6.72 +	887.	50.	1.
1073	0000	-940	37.1090	80.6140	CE	0.5 -	1.1 -	3.8 -	1.96 +	0.28	7.00 +	881.	51.	1.
1074	0000	-946	37.1090	80.6145	CE	0.6 -	1.1 -	3.6 -	2.00 +	0.31	6.40 +	890.	53.	0.
1075	0000	-941	37.1090	80.6151	CE	0.6 -	1.4	3.4 -	2.31 +	0.40	5.74	920.	53.	0.
1076	0000	-939	37.1090	80.6157	CE	0.7 -	1.4	3.8 -	2.16 +	0.38	5.68	985.	51.	0.
1077	0000	-936	37.1090	80.6162	CE	0.7 -	1.5	3.6 -	2.20 +	0.41 +	5.31	1021.	54.	1.
1078	0000	-936	37.1090	80.6169	CE	0.7 -	1.5	3.6 -	2.21 +	0.42 +	5.28	1041.	54.	2.
1079	0000	-934	37.1090	80.6174	CE	0.7 -	1.6	3.8 -	2.32 +	0.41 +	5.60	1051.	52.	2.
1080	0000	-933	37.1089	80.6180	CE	0.7 -	1.6	4.1 -	2.22 +	0.37	5.92	1075.	50.	2.
1081	0000	-936	37.1089	80.6185	CE	0.7 -	1.5	4.4 -	2.03 +	0.33	6.09	1100.	48.	3.
1082	0000	-933	37.1089	80.6192	CE	0.8 -	1.3	4.7	1.76	0.28	6.19	1130.	49.	4.
1083	0000	-931	37.1089	80.6197	CE	0.9	1.4	4.5	1.65	0.32	5.16	1175.	49.	3.
1084	0000	-934	37.1089	80.6203	CE	1.1	1.4	4.9	1.32	0.29	4.65	1273.	48.	3.
1085	0000	-936	37.1089	80.6208	CE	1.3	1.4	5.4	1.14	0.27	4.30	1405.	47.	3.
1086	0000	-941	37.1089	80.6214	CE	1.5	1.6	5.6	1.07	0.28	3.76	1535.	45.	2.
1087	0000	-939	37.1089	80.6221	CE	1.6	1.8	5.2	1.15	0.35	3.30	1589.	50.	2.
1088	0000	-935	37.1089	80.6226	CE	1.6	1.9	5.0	1.16	0.38	3.03	1601.	53.	1.
1089	0000	-941	37.1089	80.6232	CE	1.6	1.9	4.5 -	1.15	0.42 +	2.75	1567.	55.	1.
1090	0000	-940	37.1089	80.6237	CE	1.6	1.7	4.5 -	1.11	0.39	2.87	1525.	56.	1.
1091	0000	-929	37.1089	80.6243	CE	1.5	1.8	4.4 -	1.20	0.40	2.99	1458.	56.	1.
1092	0000	-930	37.1089	80.6249	CE	1.3	1.9	4.3 -	1.41	0.44 +	3.22	1367.	57.	1.
1093	0000	-939	37.1088	80.6255	CE	1.2	1.8	4.2 -	1.54	0.43 +	3.60	1289.	58.	1.
1094	0000	-940	37.1088	80.6260	CE	1.2	1.5	4.3 -	1.32	0.36	3.71	1264.	57.	2.
1095	0000	-940	37.1088	80.6266	CE	1.2	1.4	4.4 -	1.22	0.33	3.73	1289.	55.	3.
1096	0000	-944	37.1088	80.6272	CE	1.3	1.4	4.7	1.08	0.30	3.61	1350.	55.	4.
1097	0000	-941	37.1088	80.6278	CE	1.3	1.4	4.7	1.08	0.31	3.49	1391.	54.	3.
1098	0000	-938	37.1088	80.6283	CE	1.5	1.4	4.7	0.95	0.30	3.20	1428.	55.	4.
1099	0000	-934	37.1088	80.6289	CCO-2	1.6 +	1.2 -	4.6	0.79 -	0.27	2.90 -	1463.	56.	4.
1100	0000	-929	37.1088	80.6295	CCO-2	1.7 +	1.1 -	4.3 -	0.65 --	0.25	2.58 -	1493.	56.	5.
1101	0000	-936	37.1088	80.6301	CCO-2	1.8 +	1.2 -	4.7	0.65 --	0.25	2.63 -	1560.	56.	4.
1102	0000	-941	37.1088	80.6306	CCO-2	1.9 +	1.3 -	4.6	0.67 --	0.27	2.47 -	1614.	56.	4.
1103	0000	-937	37.1088	80.6312	CCO-2	1.9 +	1.3 -	5.1	0.66 --	0.25	2.62 -	1653.	56.	4.
1104	0000	-941	37.1088	80.6318	CCO-2	2.0 ++	1.3 -	5.0	0.66 --	0.27	2.49 -	1692.	56.	4.
1105	0000	-942	37.1088	80.6324	CCO-3	2.0 -	1.3 -	5.0 -	0.66	0.27	2.47	1721.	53.	4.
1106	0000	-936	37.1087	80.6330	CCO-3	2.1 -	1.3 -	5.0 -	0.63	0.26 -	2.42	1763.	53.	5.
1107	0000	-935	37.1087	80.6336	CCO-3	2.2 -	1.2 -	5.1 -	0.58	0.24 -	2.37	1801.	55.	4.
1108	0000	-935	37.1087	80.6341	CCO-3	2.2 -	1.2 -	4.7 -	0.56	0.26	2.14	1807.	55.	4.
1109	0000	-936	37.1087	80.6347	CCO-3	2.2 -	1.2 -	4.8 -	0.54	0.24 -	2.19	1828.	55.	4.
1110	0000	-938	37.1087	80.6353	CCO-3	2.2 -	1.3 -	4.4 --	0.56	0.28	1.98	1859.	54.	4.
1111	0000	-936	37.1088	80.6359	CCO-3	2.4	1.2 -	4.9 -	0.51 -	0.25 -	2.07	1906.	53.	3.
1112	0000	-934	37.1088	80.6364	CCO-3	2.4	1.1 --	5.2 -	0.47 -	0.22 --	2.16	1954.	54.	3.
1113	0000	-938	37.1087	80.6370	CCO-3	2.5	1.0 --	5.4	0.41 -	0.19 ---	2.20	1980.	53.	3.
1114	0000	-943	37.1087	80.6376	CCO-3	2.6	1.2 -	5.6	0.45 -	0.21 --	2.19	2021.	52.	3.
1115	0000	-939	37.1087	80.6382	CCO-3	2.5	1.3 -	5.6	0.51 -	0.23 -	2.23	2036.	52.	3.
1116	0000	-936	37.1087	80.6387	CCO-3	2.6	1.4 -	5.6	0.55	0.25 -	2.17	2051.	53.	3.
1117	0000	-939	37.1087	80.6393	CCO-3	2.6	1.5 -	5.8	0.57	0.25 -	2.26	2047.	53.	3.
1118	0000	-939	37.1087	80.6398	CCO-3	2.6	1.6	5.6	0.62	0.29	2.18	2055.	54.	3.
1119	0000	-937	37.1087	80.6405	CCO-3	2.6	1.7	5.7	0.67	0.30	2.20	2072.	54.	3.
1120	0000	-939	37.1087	80.6410	CCO-3	2.6	2.0	5.5	0.75	0.36	2.08	2109.	53.	2.
1121	0000	-935	37.1087	80.6416	CCO-3	2.7	2.0	5.6	0.75	0.36	2.09	2147.	53.	3.
1122	0000	-936	37.1087	80.6422	CCO-3	2.8	1.9	6.1	0.67	0.31	2.16	2227.	51.	2.

CP 6 IP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-944	37.1087	80.6427	CCO-3	2.9	1.9	6.0	0.65	0.31	2.07	2311.	51.	2.
1124	0000	-941	37.1087	80.6434	CCO-3	3.1	1.8	6.1	0.58	0.29	1.96	2409.	50.	3.
1125	0000	-937	37.1087	80.6439	CCO-3	3.2	1.9	5.9	0.59	0.32	1.85 -	2476.	48.	3.
1126	0000	-936	37.1086	80.6445	CCO-3	3.3	1.9	5.6	0.57	0.34	1.68 -	2557.	51.	4.
1127	0000	-933	37.1086	80.6451	CCO-3	3.5	1.9	5.9	0.55	0.32	1.70 -	2647.	51.	4.
1128	0000	-938	37.1086	80.6457	CCO-3	3.5	2.0	5.7	0.57	0.35	1.63 -	2716.	52.	5.
1129	0000	-934	37.1086	80.6462	CCO-3	3.6	2.1	5.7	0.58	0.37 +	1.56 -	2768.	52.	5.
1130	0000	-925	37.1086	80.6468	CCO-3	3.6 +	2.1	6.1	0.58	0.34	1.69 -	2761.	54.	4.
1131	0000	-931	37.1086	80.6474	CCO-3	3.5	2.4	6.3	0.68	0.38 +	1.80 -	2720.	56.	3.
1132	0000	-939	37.1086	80.6479	CCO-3	3.4	2.3	6.6	0.69	0.35	1.98	2661.	56.	3.
1133	0000	-937	37.1086	80.6485	CCO-3	3.2	2.4	6.9	0.74	0.34	2.14	2571.	54.	3.
1134	0000	-935	37.1086	80.6491	CCO-3	3.0	2.2	6.6	0.74	0.34	2.17	2436.	54.	3.
1135	0000	-937	37.1086	80.6496	CCO-3	2.9	2.1	6.6	0.73	0.32	2.31	2320.	54.	2.
1136	0000	-940	37.1086	80.6502	CCO-3	2.6	2.0	6.7	0.78	0.30	2.58	2177.	54.	2.
1137	0000	-938	37.1086	80.6508	CCO-3	2.3	2.0	6.3	0.84	0.31	2.72	2055.	50.	2.
1138	0000	-931	37.1086	80.6514	CCO-3	2.1 -	1.8	6.1	0.86	0.30	2.88 +	1947.	48.	2.
1139	0000	-934	37.1085	80.6519	CCO-2	2.0 +	1.7	6.2	0.87 -	0.28	3.15 -	1859.	49.	3.
1140	0000	-935	37.1085	80.6525	CCO-2	1.8 +	1.7	5.9	0.99 -	0.29	3.36	1792.	51.	2.
1141	0000	-932	37.1085	80.6531	CCO-2	1.6 +	2.0	6.0	1.24	0.33	3.75	1744.	50.	2.
1142	0000	-935	37.1085	80.6537	CCO-2	1.4	2.0	6.3	1.41	0.31	4.54	1669.	50.	2.
1143	0000	-933	37.1085	80.6542	CCO-2	1.3	2.0	6.1	1.62	0.33	4.86	1612.	51.	3.
1144	0000	-929	37.1085	80.6548	CCO-2	1.2	2.1	6.1	1.74	0.34	5.16	1580.	51.	3.
1145	0000	-934	37.1085	80.6554	CCO-2	1.2	2.0	6.2	1.67	0.32	5.23	1565.	52.	3.
1146	0000	-935	37.1085	80.6560	CCO-2	1.1	2.1	6.0	1.81	0.34	5.29	1530.	52.	3.
1147	0000	-933	37.1085	80.6565	CCO-2	1.1	1.9	6.1	1.69	0.31	5.48	1497.	51.	4.
1148	0000	-933	37.1085	80.6571	CCO-2	1.1	1.7	6.3	1.52	0.27	5.61	1470.	54.	3.
1149	0000	-926	37.1085	80.6577	CCO-2	1.1	1.9	5.8	1.67	0.33	5.10	1440.	55.	2.
1150	0000	-926	37.1085	80.6583	CCO-2	1.1	1.9	5.7	1.66	0.33	5.06	1424.	54.	2.
1151	0000	-935	37.1085	80.6588	CCO-2	1.1	2.0	5.7	1.81	0.35	5.11	1406.	54.	1.
1152	0000	-939	37.1084	80.6594	CCO-2	1.0	2.4 +	5.6	2.34 +	0.43 +	5.48	1390.	53.	1.
1153	0000	-938	37.1084	80.6600	CCO-2	1.0	2.4 +	5.4	2.41 +	0.45 +	5.41	1404.	51.	0.
1154	0000	-932	37.1084	80.6606	CCO-2	1.0	2.6 +	5.4	2.65 +	0.47 +	5.62	1408.	51.	0.
1155	0000	-926	37.1084	80.6611	CCO-2	0.9 -	2.7 ++	5.3	2.90 +	0.51 +	5.73	1408.	51.	0.
1156	0000	-935	37.1084	80.6617	CCO-2	0.9 -	2.7 ++	5.6	2.83 +	0.47 +	6.01	1432.	50.	0.
1157	0000	-940	37.1084	80.6622	CCO-2	0.9	2.7 ++	5.8	2.81 +	0.46 +	6.11	1435.	52.	0.
1158	0000	-930	37.1084	80.6629	CCO-2	0.9	2.5 +	5.7	2.62 +	0.44 +	5.99	1428.	52.	1.
1159	0000	-932	37.1084	80.6635	CCO-2	1.0	2.2 +	5.8	2.29 +	0.39	5.88	1422.	52.	1.
1160	0000	-939	37.1084	80.6640	CCO-2	1.0	2.3 +	5.8	2.31 +	0.39	5.92	1409.	52.	1.
1161	0000	-935	37.1084	80.6647	CCO-2	1.0	2.3 +	5.8	2.29 +	0.39	5.83	1401.	51.	1.
1162	0000	-933	37.1084	80.6652	CCO-2	0.9	2.3 +	5.6	2.44 +	0.41	5.92	1376.	49.	1.
1163	0000	-932	37.1084	80.6658	CCO-2	0.9 -	2.3 +	5.5	2.63 +	0.43 +	6.16	1333.	47.	1.
1164	0000	-929	37.1084	80.6664	CCO-2	0.9 -	2.3 +	5.2	2.61 +	0.43 +	6.00	1314.	48.	0.
1165	0000	-934	37.1083	80.6670	CCO-2	0.9 -	2.3 +	5.2	2.69 +	0.44 +	6.15	1295.	49.	0.
1166	0000	-935	37.1083	80.6675	CCO-2	0.9 -	2.3 +	5.1	2.63 +	0.46 +	5.77	1292.	48.	0.
1167	0000	-934	37.1083	80.6681	CCO-2	0.9 -	2.3 +	5.1	2.55 +	0.45 +	5.72	1279.	49.	0.
1168	0000	-936	37.1083	80.6687	CCO-2	0.9 -	2.2	5.1	2.48 +	0.43 +	5.78	1256.	51.	0.
1169	0000	-933	37.1083	80.6693	CCO-2	1.0	2.0	5.5	2.05	0.36	5.75	1273.	51.	0.
1170	0000	-933	37.1083	80.6698	CCO-2	1.0	2.0	5.7	1.96	0.34	5.72	1300.	50.	0.
1171	0000	-936	37.1083	80.6704	CCO-2	1.0	1.9	6.0	1.86	0.32	5.74	1321.	49.	1.
1172	0000	-932	37.1083	80.6710	CCO-2	1.1	1.9	6.2	1.72	0.30	5.73	1355.	51.	1.
1173	0000	-928	37.1083	80.6716	CCO-2	1.1	1.6	6.4	1.48	0.26	5.75	1379.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-926	37.1083	80.6721	CCO-2	1.2	1.6	6.6	1.38	0.25	5.53	1425.	51.	2.
1175	0000	-928	37.1083	80.6727	CCO-2	1.3	1.6	6.5	1.20	0.24 -	4.95	1498.	49.	3.
1176	0000	-933	37.1083	80.6732	CCO-2	1.5	1.6	6.2	1.11	0.26	4.26	1548.	49.	3.
1177	0000	-933	37.1083	80.6738	CCO-2	1.7 +	1.5	6.0	0.89 -	0.25	3.56	1617.	51.	4.
1178	0000	-930	37.1083	80.6744	CCO-2	1.8 +	1.6	5.8	0.87 -	0.27	3.20 -	1677.	53.	4.
1179	0000	-929	37.1082	80.6750	CCO-2	1.9 +	1.6	5.9	0.84 -	0.28	3.01 -	1734.	54.	4.
1180	0000	-933	37.1082	80.6755	CCO-3	2.0 -	1.9	6.0	0.92 +	0.31	3.00 +	1786.	53.	5.
1181	0000	-932	37.1082	80.6761	CCO-3	2.0 -	1.9	6.0	0.93 +	0.32	2.92 +	1831.	52.	6.
1182	0000	-925	37.1082	80.6767	CCO-2	2.0 ++	2.2	5.9	1.12	0.38	2.96 -	1825.	54.	6.
1183	0000	-930	37.1082	80.6773	CCO-2	1.9 +	2.4 +	5.9	1.26	0.40	3.13 -	1813.	55.	6.
1184	0000	-934	37.1082	80.6778	CCO-2	1.7 +	2.5 +	5.7	1.48	0.44 +	3.33 -	1797.	55.	7.
1185	0000	-926	37.1082	80.6784	CCO-2	1.6 +	2.5 +	5.9	1.52	0.42 +	3.58	1792.	52.	7.
1186	0000	-923	37.1082	80.6790	CCO-2	1.6 +	2.5 +	6.0	1.55	0.41 +	3.74	1801.	51.	6.
1187	0000	-926	37.1082	80.6796	CCO-2	1.6 +	2.4 +	5.9	1.45	0.41	3.56	1825.	54.	6.
1188	0000	-923	37.1082	80.6801	CCO-2	1.7 +	2.5 +	5.8	1.43	0.42 +	3.37	1849.	55.	5.
1189	0000	-921	37.1082	80.6807	CCO-2	1.9 +	2.3 +	6.1	1.18	0.37	3.16 -	1932.	54.	5.
1190	0000	-924	37.1082	80.6813	CCO-3	2.1 -	2.4	6.5	1.12 +	0.37 +	3.07 +	2043.	54.	3.
1191	0000	-928	37.1082	80.6819	CCO-3	2.3	2.3	6.9	1.02 +	0.33	3.05 +	2135.	55.	2.
1192	0000	-928	37.1082	80.6824	CCO-3	2.4	2.4	6.8	1.00 +	0.36	2.79 +	2211.	56.	1.
1193	0000	-927	37.1082	80.6830	CCO-3	2.5	2.5 +	6.7	0.99 +	0.37 +	2.64	2251.	55.	1.
1194	0000	-925	37.1082	80.6836	CCO-3	2.6	2.7 +	6.5	1.05 +	0.41 +	2.54	2271.	52.	0.
1195	0000	-926	37.1082	80.6842	CCO-3	2.6	2.5 +	7.0	0.97 +	0.36	2.67	2287.	54.	0.
1196	0000	-926	37.1082	80.6847	CCO-3	2.6	2.6 +	7.2	1.00 +	0.36 +	2.76 +	2285.	54.	0.
1197	0000	-921	37.1082	80.6853	CCO-3	2.6	2.6 +	7.0	0.99 +	0.37 +	2.67	2273.	53.	1.
1198	0000	-916	37.1081	80.6859	CCO-3	2.7	2.5	7.5	0.93 +	0.33	2.78 +	2276.	52.	1.
1199	0000	-919	37.1081	80.6865	CCO-3	2.6	2.3	7.6	0.92 +	0.31	2.98 +	2234.	52.	2.
1200	0000	-923	37.1081	80.6870	CCO-3	2.5	2.3	7.3	0.93 +	0.32	2.94 +	2175.	53.	2.
1201	0000	-922	37.1081	80.6876	CCO-3	2.4	2.1	7.2	0.88	0.30	2.99 +	2118.	55.	3.
1202	0000	-916	37.1081	80.6882	CCO-3	2.3	2.1	6.5	0.91	0.32	2.81 +	2063.	53.	4.
1203	0000	-911	37.1081	80.6888	CCO-3	2.2 -	1.9	6.5	0.87	0.29	2.96 +	2002.	55.	4.
1204	0000	-909	37.1081	80.6893	CCO-3	2.1 -	1.8	6.3	0.86	0.29	3.01 +	1949.	56.	4.
1205	0000	-909	37.1080	80.6899	CCO-3	2.0 -	1.9	5.8	0.93 +	0.32	2.87 +	1883.	54.	4.
1206	0000	-915	37.1080	80.6905	CCO-3	2.1 -	1.8	5.7	0.85	0.31	2.77 +	1886.	55.	4.
1207	0000	-921	37.1080	80.6911	CCO-3	2.2 -	1.7	5.7	0.81	0.30	2.67	1936.	53.	4.
1208	0000	-921	37.1080	80.6916	CCO-3	2.3	1.6 -	5.6	0.70	0.28	2.47	1962.	54.	4.
1209	0000	-921	37.1080	80.6922	CCO-3	2.3	1.7	5.9	0.74	0.29	2.54	1976.	52.	3.
1210	0000	-922	37.1080	80.6927	CCO-3	2.3	1.9	5.3 -	0.82	0.36	2.29	1977.	51.	3.
1211	0000	-923	37.1080	80.6934	CCO-3	2.3	1.8	5.5	0.80	0.33	2.43	1961.	52.	3.
1212	0000	-925	37.1080	80.6940	CCO-3	2.2	2.0	5.5	0.88	0.36	2.43	1970.	54.	2.
1213	0000	-923	37.1080	80.6946	CCO-3	2.2	2.2	5.2 -	0.98 +	0.42 +	2.32	1981.	55.	2.
1214	0000	-917	37.1080	80.6953	CCO-3	2.3	2.3	5.3 -	1.01 +	0.43 ++	2.34	1992.	56.	2.
1215	0000	-915	37.1081	80.6959	CCO-3	2.3	2.5	5.7	1.07 +	0.43 ++	2.46	2057.	55.	1.
1216	0000	-915	37.1081	80.6966	CCO-3	2.4	2.3	5.9	0.97 +	0.39 +	2.47	2123.	56.	2.
1217	0000	-919	37.1081	80.6972	CCO-3	2.6	2.2	6.2	0.87	0.36 +	2.41	2208.	56.	2.
1218	0000	-921	37.1081	80.6978	CCO-3	2.8	2.3	6.2	0.83	0.37 +	2.21	2301.	56.	2.
1219	0000	-918	37.1081	80.6985	CCO-3	2.9	2.0	6.5	0.70	0.32	2.20	2378.	54.	3.
1220	0000	-917	37.1081	80.6991	CCO-3	3.1	2.0	6.8	0.65	0.29	2.22	2446.	51.	3.
1221	0000	-916	37.1081	80.6998	CCO-3	3.1	1.9	7.3	0.61	0.26	2.35	2463.	51.	3.
1222	0000	-913	37.1081	80.7004	CCO-3	3.1	2.0	6.9	0.64	0.29	2.22	2466.	51.	4.
1223	0000	-914	37.1081	80.7011	CE	3.2 +	2.0	6.7	0.63	0.30	2.11 -	2473.	52.	4.
1224	0000	-914	37.1081	80.7017	CE	3.2 +	2.0	6.5	0.63	0.30	2.08 -	2471.	52.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-912	37.1081	80.7024	CE	3.2 +	2.0	6.6	0.64	0.31	2.07 -	2476.	54.	4.
1226	0000	-906	37.1081	80.7030	CE	3.2 +	2.1	6.2	0.66	0.34	1.92 -	2482.	54.	4.
1227	0000	-903	37.1081	80.7037	CE	3.2 +	2.0	6.4	0.62	0.31	1.98 -	2488.	54.	4.
1228	0000	-909	37.1081	80.7042	CE	3.3 +	2.2	6.0	0.65	0.36	1.81 -	2524.	54.	3.
1229	0000	-912	37.1081	80.7049	CE	3.4 +	2.1	6.3	0.60 -	0.33	1.85 -	2548.	56.	3.
1230	0000	-910	37.1081	80.7055	CE	3.5 +	2.2	6.5	0.63	0.34	1.88 -	2589.	56.	2.
1231	0000	-912	37.1081	80.7062	CE	3.5 +	2.3	6.8	0.67	0.34	1.97 -	2612.	55.	2.
1232	0000	-914	37.1081	80.7068	CE	3.4 +	2.4	7.0	0.70	0.34	2.06 -	2619.	53.	1.
1233	0000	-909	37.1081	80.7075	CE	3.3 +	2.5 +	7.4	0.77	0.34	2.24	2605.	52.	2.
1234	0000	-906	37.1081	80.7081	CE	3.2 +	2.8 +	6.9	0.86	0.40	2.14	2563.	51.	3.
1235	0000	-910	37.1081	80.7088	CE	3.1	2.7 +	6.8	0.86	0.39	2.18	2523.	50.	5.
1236	0000	-913	37.1081	80.7094	CE	2.9	2.8 +	7.0	0.95	0.40	2.41	2471.	48.	6.
1237	0000	-907	37.1081	80.7101	CE	2.6	2.8 +	7.2	1.10	0.40	2.76	2371.	45.	7.
1238	0000	-905	37.1081	80.7107	CE	2.3	2.8 +	7.0	1.20	0.40	2.99	2244.	49.	8.
1239	0000	-906	37.1081	80.7113	CE	2.0	2.7 +	6.9	1.34	0.39	3.43	2099.	49.	7.
1240	0000	-904	37.1081	80.7120	CE	1.8	2.8 +	6.6	1.58	0.42 +	3.77	1957.	52.	7.
1241	0000	-903	37.1081	80.7126	CE	1.4	2.8 +	7.1	1.97 +	0.39	5.02	1833.	55.	6.
1242	0000	-906	37.1081	80.7133	CE	1.1	2.9 +	7.0	2.55 +	0.41 +	6.15	1700.	57.	4.
1243	0000	-904	37.1081	80.7140	CE	1.0	3.0 +	6.7	3.14 +	0.45 +	7.05 +	1585.	57.	3.
1244	0000	-907	37.1081	80.7146	CE	0.9	2.9 +	6.2	3.31 +	0.46 +	7.14 +	1490.	59.	2.
1245	0000	-909	37.1081	80.7152	CE	0.8 -	2.8 +	5.8	3.57 ++	0.48 +	7.41 +	1426.	57.	1.
1246	0000	-903	37.1081	80.7158	CE	0.8 -	2.9	5.3	3.48 ++	0.54 +	6.43 +	1411.	56.	2.
1247	0000	-900	37.1081	80.7165	CE	0.9	2.7	5.2	2.86 +	0.51 +	5.61	1409.	56.	2.
1248	0000	-903	37.1081	80.7171	CE	1.1	2.5	4.5	2.37 +	0.56 ++	4.22	1417.	54.	2.
1249	0000	-904	37.1081	80.7177	CE	1.2	2.2	4.3 -	1.80	0.50 +	3.63	1430.	54.	3.
1250	0000	-905	37.1081	80.7184	CE	1.3	1.8	4.1 -	1.37	0.44 +	3.08	1429.	54.	4.
1251	0000	-905	37.1081	80.7190	CE	1.5	1.8	4.1 -	1.25	0.44 +	2.82	1451.	55.	4.
1252	0000	-901	37.1081	80.7197	CE	1.6	1.7	4.1 -	1.09	0.41 +	2.67	1483.	54.	4.
1253	0000	-899	37.1081	80.7203	CE	1.6	1.6	4.0 -	1.04	0.41 +	2.53	1483.	54.	4.
1254	0000	-899	37.1081	80.7209	CE	1.5	1.5	3.9 -	1.00	0.39	2.56	1460.	55.	5.
1255	0000	-899	37.1081	80.7216	CE	1.5	1.4	3.9 -	0.95	0.36	2.67	1425.	57.	4.
1256	0000	-901	37.1081	80.7222	CE	1.4	1.6	3.7 -	1.14	0.43 +	2.68	1387.	54.	4.
1257	0000	-897	37.1082	80.7229	CE	1.3	1.6	3.8 -	1.23	0.44 +	2.83	1353.	54.	5.
1258	0000	-893	37.1082	80.7236	CE	1.3	1.5	4.0 -	1.11	0.36	3.06	1330.	54.	5.
1259	0000	-896	37.1082	80.7242	CE	1.3	1.4	4.1 -	1.07	0.34	3.16	1329.	53.	6.
1260	0000	-897	37.1082	80.7248	CE	1.4	1.2 -	4.6	0.84	0.25	3.32	1367.	52.	7.
1261	0000	-897	37.1082	80.7254	CE	1.5	1.3 -	4.8	0.82	0.26	3.10	1437.	50.	7.
1262	0000	-899	37.1082	80.7261	CE	1.7	1.2 -	5.1	0.74	0.24	3.05	1517.	49.	8.
1263	0000	-896	37.1082	80.7267	CE	1.8	1.3 -	5.5	0.70	0.23	3.04	1607.	49.	8.
1264	0000	-895	37.1082	80.7273	CE	2.0	1.3 -	5.6	0.63	0.23	2.75	1724.	50.	8.
1265	0000	-897	37.1082	80.7280	CE	2.2	1.4	5.6	0.66	0.26	2.55	1831.	50.	7.
1266	0000	-894	37.1082	80.7287	CE	2.3	1.6	5.8	0.68	0.27	2.48	1927.	50.	7.
1267	0000	-893	37.1082	80.7293	CE	2.3	1.8	5.6	0.76	0.32	2.39	1969.	53.	6.
1268	0000	-894	37.1082	80.7299	CE	2.3	2.0	5.7	0.85	0.34	2.48	1985.	54.	5.
1269	0000	-893	37.1082	80.7306	CE	2.2	2.2	6.0	0.98	0.36	2.73	1977.	53.	3.
1270	0000	-891	37.1082	80.7312	CE	2.1	2.3	6.2	1.08	0.37	2.94	1979.	53.	2.
1271	0000	-890	37.1082	80.7319	CE	1.9	2.5 +	6.5	1.30	0.39	3.37	1969.	52.	1.
1272	0000	-890	37.1082	80.7325	CE	1.8	2.8 +	6.2	1.53	0.45 +	3.44	1960.	52.	1.
1273	0000	-891	37.1082	80.7332	CE	1.7	3.0 +	6.4	1.78	0.47 +	3.78	1961.	53.	0.
1274	0000	-890	37.1082	80.7338	CE	1.7	2.9 +	6.7	1.70	0.44 +	3.89	1964.	53.	1.
1275	0000	-888	37.1082	80.7344	CE	1.8	2.9 +	7.0	1.62	0.41 +	3.95	2020.	51.	1.

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FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-886	37.1082	80.7351	CE	1.9	3.1 +	6.7	1.57	0.45 +	3.47	2119.	52.	2.
1277	0000	-888	37.1082	80.7358	CE	2.2	3.0 +	7.1	1.36	0.42 +	3.21	2209.	54.	2.
1278	0000	-888	37.1082	80.7363	CE	2.4	3.1 ++	7.1	1.29	0.44 +	2.92	2318.	54.	2.
1279	0000	-886	37.1082	80.7370	CE	2.7	3.0 +	7.3	1.12	0.41 +	2.75	2418.	54.	2.
1280	0000	-888	37.1082	80.7376	CE	3.0	2.6 +	7.3	0.88	0.36	2.43	2508.	54.	2.
1281	0000	-892	37.1082	80.7383	CE	3.3 +	2.8 +	7.4	0.86	0.38	2.29	2627.	54.	2.
1282	0000	-890	37.1082	80.7389	CE	3.4 +	2.8 +	7.0	0.82	0.39	2.07 -	2712.	54.	2.
1283	0000	-886	37.1082	80.7395	CE	3.6 +	2.6 +	7.4	0.73	0.36	2.04 -	2781.	56.	2.
1284	0000	-888	37.1082	80.7402	CE	3.7 +	2.7 +	7.4	0.72	0.36	2.00 -	2834.	55.	2.
1285	0000	-889	37.1082	80.7408	CE	3.8 +	2.4	7.4	0.64	0.33	1.95 -	2840.	55.	2.
1286	0000	-885	37.1082	80.7415	CE	3.7 +	2.5 +	7.2	0.67	0.35	1.91 -	2817.	55.	2.
1287	0000	-885	37.1082	80.7422	CE	3.6 +	2.6 +	7.0	0.74	0.38	1.95 -	2784.	53.	2.
1288	0000	-886	37.1082	80.7427	CE	3.5 +	2.4	6.5	0.70	0.38	1.86 -	2731.	55.	2.
1289	0000	-884	37.1082	80.7434	CE	3.5 +	2.4	6.5	0.70	0.37	1.87 -	2681.	55.	2.
1290	0000	-884	37.1082	80.7440	CE	3.5 +	2.3	6.2	0.66	0.37	1.80 -	2629.	52.	2.
1291	0000	-885	37.1082	80.7447	CE	3.5 +	2.2	5.5	0.62	0.39	1.58 -	2594.	52.	3.
1292	0000	-883	37.1082	80.7454	CE	3.4 +	2.0	5.6	0.59 -	0.36	1.63 -	2569.	53.	3.
1293	0000	-883	37.1082	80.7460	CE	3.5 +	1.9	5.8	0.55 -	0.34	1.64 -	2584.	54.	3.
1294	0000	-882	37.1082	80.7466	CE	3.6 +	1.9	5.5	0.54 -	0.34	1.56 -	2572.	56.	3.
1295	0000	-882	37.1082	80.7472	CE	3.6 +	1.8	6.0	0.51 -	0.30	1.67 -	2569.	53.	3.
1296	0000	-884	37.1082	80.7479	CE	3.5 +	1.7	6.2	0.48 -	0.28	1.75 -	2554.	54.	3.
1297	0000	-885	37.1082	80.7486	CE	3.4 +	1.7	6.4	0.50 -	0.27	1.85 -	2530.	54.	2.
1298	0000	-881	37.1082	80.7491	CE	3.3 +	1.6	6.8	0.49 -	0.24	2.08 -	2473.	54.	2.
1299	0000	-883	37.1082	80.7498	CE	3.2 +	1.6	6.8	0.50 -	0.24	2.13	2418.	53.	2.
1300	0000	-885	37.1082	80.7505	CE	3.0	1.5	6.7	0.50 -	0.23 -	2.22	2321.	51.	1.
1301	0000	-880	37.1082	80.7511	CE	2.8	1.6	6.8	0.57 -	0.24	2.44	2213.	49.	1.
1302	0000	-880	37.1082	80.7518	CE	2.5	1.7	6.5	0.66	0.25	2.58	2062.	52.	0.
1303	0000	-884	37.1082	80.7523	CE	2.2	1.7	6.1	0.76	0.27	2.76	1882.	51.	0.
1304	0000	-881	37.1082	80.7530	CE	1.9	1.6	5.9	0.86	0.27	3.17	1700.	50.	0.
1305	0000	-877	37.1082	80.7537	CE	1.5	1.8	5.4	1.19	0.34	3.52	1518.	49.	0.
1306	0000	-879	37.1082	80.7543	CE	1.1	1.8	4.8	1.61	0.38	4.22	1329.	51.	0.
1307	0000	-879	37.1082	80.7550	CE	0.9	1.8	4.8	1.91	0.37	5.16	1191.	51.	0.
1308	0000	-879	37.1082	80.7556	CE	0.8 -	1.7	4.7	2.22 +	0.35	6.26	1098.	50.	0.
1309	0000	-878	37.1082	80.7562	CE	0.6 -	1.7	4.8	2.78 +	0.36	7.66 +	1056.	49.	0.
1310	0000	-876	37.1082	80.7569	CE	0.6 -	1.7	4.7	2.66 +	0.36	7.47 +	1062.	48.	0.
1311	0000	-875	37.1082	80.7575	CE	0.8 -	2.0	4.6	2.57 +	0.43 +	6.01	1127.	52.	0.
1312	0000	-875	37.1083	80.7581	CE	1.0	2.1	4.8	1.98 +	0.43 +	4.61	1267.	53.	0.
1313	0000	-874	37.1083	80.7587	CE	1.5	2.1	5.3	1.42	0.39	3.62	1464.	51.	1.
1314	0000	-875	37.1083	80.7594	CE	1.8	2.1	5.5	1.15	0.38	3.06	1643.	51.	1.
1315	0000	-875	37.1083	80.7601	CE	2.1	2.0	5.5	0.94	0.36	2.57	1811.	53.	2.
1316	0000	-874	37.1083	80.7607	CE	2.4	1.9	5.5	0.81	0.35	2.31	1935.	52.	3.
1317	0000	-874	37.1083	80.7614	CE	2.5	2.1	5.6	0.84	0.37	2.26	2009.	52.	3.
1318	0000	-875	37.1083	80.7620	CE	2.4	2.0	5.8	0.81	0.34	2.38	2003.	49.	3.
1319	0000	-873	37.1083	80.7626	CE	2.2	1.9	6.1	0.88	0.31	2.81	1926.	49.	3.
1320	0000	-871	37.1083	80.7633	CE	1.9	1.9	5.9	0.99	0.31	3.16	1792.	52.	3.
1321	0000	-871	37.1083	80.7640	CE	1.6	2.0	5.9	1.25	0.34	3.71	1657.	51.	3.
1322	0000	-871	37.1083	80.7646	CE	1.4	2.1	6.0	1.53	0.35	4.39	1559.	52.	3.
1323	0000	-871	37.1083	80.7652	CE	1.3	2.2	6.1	1.67	0.36	4.63	1516.	52.	3.
1324	0000	-871	37.1083	80.7659	CE	1.3	2.1	6.2	1.60	0.34	4.68	1512.	52.	2.
1325	0000	-866	37.1083	80.7665	CE	1.4	2.1	6.2	1.56	0.35	4.50	1520.	54.	2.
1326	0000	-867	37.1083	80.7672	CE	1.4	2.1	5.8	1.51	0.37	4.09	1539.	56.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 725

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-871	37.1083	80.7678	CE	1.4	2.3	5.7	1.65	0.41 +	4.03	1570.	54.	2.
1328	0000	-867	37.1083	80.7684	CE	1.4	2.3	5.7	1.62	0.41 +	3.99	1584.	54.	2.
1329	0000	-867	37.1083	80.7690	CE	1.4	2.1	5.8	1.56	0.37	4.20	1562.	53.	2.
1330	0000	-871	37.1083	80.7697	CE	1.3	2.2	5.4	1.67	0.40	4.18	1532.	52.	2.
1331	0000	-868	37.1083	80.7703	CR-1	1.2	2.2	5.3	1.86	0.42 +	4.43	1483.	54.	3.
1332	0000	-867	37.1083	80.7709	CR-1	1.0	2.3	4.9	2.18	0.46 +	4.70	1435.	54.	4.
1333	0000	-870	37.1083	80.7716	CR-1	1.0	2.3	4.9	2.27	0.47 +	4.85	1392.	54.	4.
1334	0000	-869	37.1083	80.7723	CR-1	0.9	2.2	4.8 -	2.39	0.46 +	5.23	1350.	55.	5.
1335	0000	-868	37.1083	80.7729	CR-1	0.8	2.4	5.0	2.87 +	0.47 +	6.08	1315.	55.	4.
1336	0000	-869	37.1083	80.7736	CR-1	0.8 -	2.5 +	4.8 -	3.36 +	0.52 +	6.43	1287.	55.	4.
1337	0000	-868	37.1083	80.7742	CR-1	0.6 -	2.7 +	5.0	4.19 +	0.53 +	7.86	1258.	55.	4.
1338	0000	-865	37.1083	80.7748	CR-1	0.6 -	2.7 +	5.2	4.50 ++	0.51 +	8.81 +	1240.	53.	4.
1339	0000	-864	37.1083	80.7755	CR-1	0.7 -	2.6 +	5.3	3.94 +	0.49 +	8.11	1268.	49.	3.
1340	0000	-865	37.1083	80.7761	CR-1	0.8 -	2.6 +	5.9	3.21 +	0.43 +	7.38	1349.	48.	2.
1341	0000	-862	37.1083	80.7768	CR-1	1.0	2.4	6.1	2.27	0.39	5.83	1452.	47.	2.
1342	0000	-860	37.1083	80.7774	CR-1	1.4	2.1	6.1	1.47	0.34	4.35	1600.	48.	3.
1343	0000	-862	37.1083	80.7780	CR-1	1.8	2.1	6.1	1.15	0.34	3.43	1770	46.	3.
1344	0000	-862	37.1083	80.7787	CR-1	2.2 +	1.9	5.9	0.90 -	0.33	2.73 -	1931.	48.	3.
1345	0000	-861	37.1083	80.7793	CR-2	2.5 --	1.9	6.1 -	0.77 +	0.32	2.40 +	2097.	49.	3.
1346	0000	-860	37.1083	80.7800	CR-2	2.8 -	1.9	6.1 -	0.69 +	0.31	2.21	2230.	51.	4.
1347	0000	-861	37.1083	80.7805	CR-2	2.9 -	2.1	5.8 -	0.72 +	0.36 +	1.98	2307.	52.	4.
1348	0000	-862	37.1083	80.7812	CR-2	3.0 -	2.1	5.7 -	0.71 +	0.37 +	1.94	2299.	54.	4.
1349	0000	-860	37.1083	80.7819	CR-2	2.7 -	2.2	5.7 -	0.79 +	0.38 +	2.10	2207.	55.	4.
1350	0000	-860	37.1083	80.7825	CR-1	2.4 ++	2.1	5.7	0.89 -	0.37	2.38 -	2028.	58.	5.
1351	0000	-861	37.1083	80.7832	CR-1	2.0 +	2.0	6.0	0.98	0.33	2.95 -	1838.	56.	4.
1352	0000	-857	37.1083	80.7838	CR-1	1.6	1.9	5.6	1.19	0.35	3.45	1634.	57.	4.
1353	0000	-855	37.1083	80.7844	CR-1	1.3	1.9	5.6	1.50	0.34	4.39	1441.	57.	4.
1354	0000	-856	37.1083	80.7851	CR-1	1.0	1.6	5.4	1.61	0.29	5.51	1250.	57.	5.
1355	0000	-857	37.1083	80.7857	CR-1	0.7 -	1.7	5.2	2.54	0.33	7.68	1110.	57.	5.
1356	0000	-859	37.1083	80.7864	CR-1	0.5 -	1.9	4.6 -	3.50 +	0.41 +	8.48 +	1024.	57.	5.
1357	0000	-858	37.1083	80.7870	CR-1	0.5 -	1.9	4.7 -	3.81 +	0.41	9.40 +	1002.	57.	5.
1358	0000	-856	37.1083	80.7877	CR-1	0.4 -	1.9	4.5 -	4.29 +	0.42 +	10.24 +	991.	57.	5.
1359	0000	-858	37.1083	80.7883	CR-1	0.4 -	1.9	4.5 -	4.60 ++	0.43 +	10.69 +	983.	58.	5.
1360	0000	-859	37.1083	80.7890	CR-1	0.4 -	1.9	4.6 -	4.90 ++	0.41	11.92 +	978.	56.	5.
1361	0000	-856	37.1083	80.7896	CR-1	0.4 -	2.0	4.7 -	5.29 ++	0.43 +	12.26 +	978.	56.	5.
1362	0000	-855	37.1084	80.7902	CR-1	0.4 -	1.9	4.9	4.86 ++	0.38	12.77 +	973.	54.	4.
1363	0000	-855	37.1084	80.7908	CR-1	0.4 -	1.8	5.5	4.93 ++	0.32	15.44 ++	965.	54.	3.
1364	0000	-853	37.1084	80.7915	CR-1	0.3 -	2.0	5.0	6.14 ++	0.39	15.61 ++	952.	54.	2.
1365	0000	-854	37.1084	80.7921	CR-1	0.3 -	2.0	5.1	6.37 ++	0.40	16.02 ++	933.	54.	1.
1366	0000	-855	37.1084	80.7928	CR-1	0.3 --	2.1	5.1	7.05 ++	0.40	17.53 ++	926.	53.	1.
1367	0000	-853	37.1084	80.7934	CR-1	0.3 --	2.0	4.7 -	6.81 ++	0.42 +	16.23 ++	896.	56.	1.
1368	0000	-850	37.1084	80.7941	CR-1	0.3 --	1.8	4.8 -	7.11 ++	0.38	18.88 ++	877.	56.	1.
1369	0000	-851	37.1084	80.7947	CR-1	0.3 --	1.8	4.7 -	6.50 ++	0.39	16.85 ++	899.	56.	1.
1370	0000	-854	37.1084	80.7954	CR-1	0.3 -	2.1	4.5 -	6.37 ++	0.46 +	13.74 ++	946.	55.	1.
1371	0000	-855	37.1084	80.7960	CR-1	0.4 -	2.0	5.1	4.59 ++	0.39	11.66 +	1027.	52.	1.
1372	0000	-856	37.1084	80.7967	CR-1	0.6 -	2.1	5.1	3.48 +	0.41 +	8.40 +	1122.	52.	2.
1373	0000	-855	37.1084	80.7973	CR-1	0.8 -	2.1	5.3	2.74 +	0.39	7.04	1224.	50.	2.
1374	0000	-854	37.1084	80.7979	CR-1	0.9	2.3	5.5	2.43	0.42 +	5.85	1350.	50.	2.
1375	0000	-854	37.1084	80.7986	CR-1	1.1	2.7 +	5.5	2.42	0.50 +	4.82	1475.	49.	2.
1376	0000	-852	37.1084	80.7992	CR-1	1.3	2.9 ++	5.7	2.26	0.51 +	4.47	1567.	50.	1.
1377	0000	-852	37.1084	80.7999	CR-1	1.5	2.8 +	5.9	1.88	0.47 +	4.00	1651.	51.	1.

CP9 IP12

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ 7-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 726

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-853	37.1084	80.8005	CR-1	1.5	2.7 +	5.8	1.73	0.46 +	3.76	1673.	52.	2.
1379	0000	-852	37.1084	80.8011	CR-1	1.5	2.7 +	6.1	1.79	0.45 +	3.98	1684.	52.	1.
1380	0000	-853	37.1084	80.8018	CR-1	1.5	2.7 +	6.3	1.83	0.43 +	4.28	1668.	54.	1.
1381	0000	-854	37.1084	80.8024	CR-1	1.4	2.7 +	6.6	2.01	0.42 +	4.84	1652.	53.	1.
1382	0000	-848	37.1084	80.8030	CR-1	1.3	2.4	6.7	1.90	0.35	5.38	1608.	52.	2.
1383	0000	-848	37.1084	80.8037	CR-1	1.1	2.4	6.7	2.11	0.35	5.01	1568.	51.	3.
1384	0000	-849	37.1084	80.8043	CR-1	0.9	2.4	6.8	2.55	0.35	7.23	1498.	51.	3.
1385	0000	-845	37.1084	80.8050	CR-1	0.8 -	2.4	7.1	2.91 +	0.33	8.71 +	1466.	49.	3.
1386	0000	-846	37.1084	80.8056	CR-1	0.7 -	2.1	6.9	2.95 +	0.30	9.70 +	1443.	49.	4.
1387	0000	-848	37.1084	80.8063	CR-1	0.7 -	2.0	7.2	2.75 +	0.29	9.63 +	1438.	50.	4.
1388	0000	-847	37.1084	80.8069	CR-1	0.8 -	2.0	7.2	2.65 +	0.28	9.56 +	1432.	49.	4.
1389	0000	-850	37.1084	80.8075	CR-1	0.8 -	2.1	7.4	2.79 +	0.29	9.65 +	1439.	50.	4.
1390	0000	-849	37.1084	80.8082	CR-1	0.8 -	2.2	7.5	2.76 +	0.30	9.36 +	1466.	47.	4.
1391	0000	-846	37.1084	80.8089	CR-1	0.8 -	2.2	7.7	2.65 +	0.28	9.35 +	1480.	47.	3.
1392	0000	-847	37.1084	80.8095	CR-1	0.8 -	2.2	7.8	2.77 +	0.29	9.66 +	1476.	47.	3.
1393	0000	-847	37.1084	80.8101	CR-1	0.8	2.3	8.1	2.81 +	0.29	9.72 +	1475.	49.	2.
1394	0000	-845	37.1084	80.8108	CR-1	0.8 -	2.7 +	8.0	3.35 +	0.33	10.10 +	1466.	49.	1.
1395	0000	-844	37.1084	80.8114	CR-1	0.8 -	2.5 +	8.0	3.07 +	0.31	9.80 +	1448.	50.	1.
1396	0000	-846	37.1084	80.8120	CR-1	0.8 -	2.6 +	7.9	3.18 +	0.33	9.71 +	1463.	50.	1.
1397	0000	-847	37.1084	80.8126	CR-1	0.9	2.6 +	7.8	2.91 +	0.33	8.77 +	1479.	52.	0.
1398	0000	-845	37.1084	80.8133	CR-1	1.1	2.7 +	7.6	2.55	0.36	7.08	1528.	52.	0.
1399	0000	-844	37.1084	80.8139	CR-1	1.3	2.4 +	6.9	1.92	0.35	5.46	1578.	53.	0.
1400	0000	-845	37.1084	80.8146	CR-1	1.3	2.5 +	6.4	1.87	0.39	4.80	1604.	50.	1.
1401	0000	-842	37.1084	80.8152	CR-1	1.4	2.3	5.8	1.65	0.39	4.24	1608.	49.	2.
1402	0000	-842	37.1084	80.8159	CR-1	1.3	2.3	5.7	1.72	0.41	4.25	1609.	49.	2.
1403	0000	-844	37.1084	80.8165	MMCC	1.3	2.1	5.7 -	1.59	0.38 +	4.20 -	1590.	51.	2.
1404	0000	-841	37.1084	80.8172	MMCC	1.3	2.2	5.6 -	1.67	0.39 +	4.26 -	1564.	52.	2.
1405	0000	-840	37.1084	80.8178	MMCC	1.2	2.0	5.6 -	1.67	0.35	4.71 -	1524.	53.	2.
1406	0000	-842	37.1084	80.8185	MMCC	1.1	2.3	5.7 -	2.03	0.40 +	5.07 -	1492.	52.	2.
1407	0000	-839	37.1084	80.8191	MMCC	1.1	2.1	5.9	1.98	0.36	5.52	1455.	55.	1.
1408	0000	-840	37.1084	80.8197	MMCC	1.1	2.2	6.1	2.05	0.36	5.67	1460.	54.	1.
1409	0000	-843	37.1084	80.8204	MMCC	1.2	2.0	6.4	1.68	0.31	5.39	1487.	53.	1.
1410	0000	-839	37.1084	80.8210	MMCC	1.3	2.0	6.3	1.55	0.31	4.93 -	1528.	54.	0.
1411	0000	-836	37.1084	80.8217	MMCC	1.4	1.8	6.3	1.31	0.29	4.54 -	1568.	55.	0.
1412	0000	-841	37.1084	80.8222	MMCC	1.5 +	1.8	6.3	1.20 -	0.29	4.13 -	1647.	53.	0.
1413	0000	-840	37.1084	80.8229	MMCC	1.7 +	1.6	6.5	0.97 -	0.25	3.87 -	1744.	54.	1.
1414	0000	-838	37.1084	80.8234	MMCC	2.0 +	1.7	6.8	0.87 -	0.26	3.39 --	1905.	51.	1.
1415	0000	-841	37.1084	80.8241	MMCC	2.3 ++	1.8	6.9	0.76 --	0.26	3.00 --	2048.	53.	1.
1416	0000	-838	37.1084	80.8247	MMCC	2.5 ++	1.9	6.6	0.74 --	0.28	2.58 --	2151.	52.	2.
1417	0000	-837	37.1084	80.8252	MMCC	2.7 ++	1.9	6.8	0.71 --	0.28	2.51 --	2231.	50.	2.
1418	0000	-840	37.1084	80.8259	MMCC	2.8 ++	1.9	6.7	0.68 --	0.28	2.42 --	2253.	49.	3.
1419	0000	-839	37.1084	80.8264	MMCC	2.8 ++	1.9	6.9	0.67 --	0.27	2.50 --	2220.	51.	3.
1420	0000	-838	37.1084	80.8270	MMCC	2.7 ++	1.9	6.8	0.71 --	0.28	2.53 --	2168.	53.	2.
1421	0000	-840	37.1084	80.8277	MMCC	2.5 ++	1.9	6.7	0.75 --	0.28	2.72 --	2077.	52.	2.
1422	0000	-837	37.1084	80.8282	MPR-2	2.3 -	1.8	6.5	0.75	0.27	2.80 +	1993.	52.	1.
1423	0000	-837	37.1084	80.8288	MPR-1	2.2 ++	1.7	6.8	0.77 --	0.25	3.12 -	1936.	51.	1.
1424	0000	-839	37.1084	80.8294	MPR-1	2.1 +	1.5	6.8	0.72 --	0.22	3.24 -	1875.	54.	1.
1425	0000	-838	37.1084	80.8300	MPR-1	2.1 +	1.6	6.9	0.76 --	0.23	3.36 -	1853.	54.	0.
1426	0000	-836	37.1084	80.8306	MPR-1	2.0 +	1.6	6.5	0.78 --	0.24	3.21 -	1829.	51.	0.
1427	0000	-835	37.1084	80.8312	MPR-1	2.0 +	1.8	6.2	0.94 -	0.30	3.14 -	1791.	50.	0.
1428	0000	-839	37.1084	80.8318	MPR-1	1.9 +	1.9	6.0	0.97 -	0.31	3.09 -	1744.	53.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-839	37.1084	80.8324	MPR-1	1.8 +	1.9	5.8	1.11 -	0.33	3.32 -	1684.	51.	1.
1430	0000	-836	37.1084	80.8330	MPR-1	1.6 +	2.0	5.5	1.22 -	0.36	3.41 -	1618.	54.	1.
1431	0000	-837	37.1084	80.8336	MPR-1	1.5 +	2.0	5.5	1.38 -	0.37 +	3.75 -	1560.	54.	1.
1432	0000	-840	37.1084	80.8342	MPR-1	1.3	2.2	5.9	1.60	0.36 +	4.39 -	1543.	52.	1.
1433	0000	-839	37.1084	80.8348	MPR-1	1.3	2.1	6.4	1.60	0.32	4.96 -	1541.	53.	1.
1434	0000	-838	37.1084	80.8353	MPR-1	1.3	1.9	7.0	1.53	0.28	5.47	1562.	53.	1.
1435	0000	-837	37.1084	80.8360	MPR-1	1.3	2.1	6.9	1.64	0.30	5.51	1586.	54.	1.
1436	0000	-836	37.1084	80.8366	MPR-1	1.4 +	2.0	7.7	1.49	0.26	5.62	1625.	55.	0.
1437	0000	-835	37.1083	80.8371	MPR-1	1.4 +	2.2	8.1	1.60	0.28	5.80	1674.	54.	0.
1438	0000	-836	37.1083	80.8378	MPR-1	1.4 +	2.1	8.2	1.48	0.26	5.69	1699.	54.	0.
1439	0000	-835	37.1083	80.8383	MPR-1	1.4 +	2.0	8.1	1.42	0.25	5.63	1691.	56.	0.
1440	0000	-831	37.1083	80.8389	MPR-1	1.4 +	2.1	8.3	1.48	0.25	5.82	1702.	55.	0.
1441	0000	-833	37.1083	80.8396	MPR-1	1.4 +	2.1	8.3	1.49	0.25	6.00	1686.	56.	0.
1442	0000	-836	37.1083	80.8401	MPR-1	1.3	1.9	8.5	1.42	0.22	6.37	1662.	55.	0.
1443	0000	-835	37.1083	80.8407	MPR-1	1.2	1.9	8.1	1.56	0.24	6.64	1619.	54.	0.
1444	0000	-837	37.1083	80.8414	MPR-1	1.2	1.8	7.9	1.49	0.22	6.70	1563.	53.	0.
1445	0000	-837	37.1083	80.8419	MPR-1	1.1	1.7	7.9	1.51	0.21	7.08	1528.	52.	0.
1446	0000	-836	37.1083	80.8425	MPR-1	1.1	1.7	7.8	1.62	0.22	7.37	1497.	51.	0.
1447	0000	-838	37.1083	80.8431	MPR-1	1.0	1.7	7.5	1.69	0.22	7.54	1461.	51.	0.
1448	0000	-840	37.1083	80.8437	MPR-1	1.0	1.6	7.4	1.64	0.21	7.69	1435.	52.	0.
1449	0000	-837	37.1083	80.8443	MPR-1	0.9	1.5	7.1	1.57	0.21	7.61	1393.	53.	0.
1450	0000	-835	37.1083	80.8449	MPR-1	0.9	1.3	7.2	1.46	0.19 -	7.85	1365.	54.	0.
1451	0000	-839	37.1083	80.8455	MPR-1	0.9	1.3 -	7.0	1.53	0.19 -	8.13	1321.	53.	0.
1452	0000	-842	37.1083	80.8461	MPR-1	0.8	1.4	6.6	1.83	0.22	8.32	1275.	55.	0.
1453	0000	-840	37.1083	80.8467	MPR-1	0.8	1.3 -	6.4	1.66	0.20	8.18	1236.	57.	0.
1454	0000	-839	37.1083	80.8473	DCH	0.7	1.3 -	6.3	1.78	0.21	8.41	1204.	57.	0.
1455	0000	-839	37.1083	80.8479	DCH	0.7	1.4 -	6.4	1.92	0.21	9.10	1187.	56.	0.
1456	0000	-841	37.1083	80.8485	DCH	0.7	1.5	7.0	2.34	0.22	10.59	1199.	54.	0.
1457	0000	-841	37.1083	80.8490	DCH	0.7	1.6	6.8	2.39	0.24	9.92	1216.	56.	0.
1458	0000	-838	37.1083	80.8497	DCH	0.7	1.7	7.1	2.67	0.25	10.87	1252.	54.	0.
1459	0000	-836	37.1083	80.8502	DCH	0.6	2.0	7.1	3.17	0.28	11.31	1292.	54	0.
1460	0000	-836	37.1083	80.8508	DCH	0.6	2.1	7.3	3.46 +	0.29	11.90	1311.	52.	0.
1461	0000	-838	37.1083	80.8515	DCH	0.6 -	2.3	6.9	4.06 +	0.33 +	12.36	1295.	51.	0.
1462	0000	-840	37.1083	80.8520	DCH	0.5 -	2.4	6.3	4.49 +	0.38 +	11.87	1252.	51.	0.
1463	0000	-839	37.1082	80.8526	DCH	0.5 -	2.3	5.7	4.46 +	0.41 +	10.94	1204.	52.	0.
1464	0000	-840	37.1082	80.8533	DCH	0.5 -	2.2	5.6	4.88 +	0.40 +	12.18	1146.	51.	0.
1465	0000	-842	37.1082	80.8538	DCH	0.4 -	2.2	5.0 -	5.08 +	0.44 ++	11.60	1064.	54.	0.
1466	0000	-841	37.1082	80.8544	DCH	0.4 -	1.8	5.1 -	4.30 +	0.35 +	12.19	988.	54.	1.
1467	0000	-842	37.1082	80.8550	DCH	0.4 -	1.7	4.6 -	4.29 +	0.36 +	11.93	922.	55.	1.
1468	0000	-843	37.1082	80.8556	DCH	0.4 -	1.4 -	4.5 -	3.61 +	0.30	11.92	864.	56.	1.
1469	0000	-840	37.1082	80.8562	DCH	0.4 -	1.2 -	4.8 -	3.11	0.24	12.77 +	843.	57.	1.
1470	0000	-840	37.1082	80.8568	DCH	0.3 -	1.1 -	4.7 -	3.21	0.24	13.59 +	832.	58.	2.
1471	0000	-841	37.1082	80.8574	DCH	0.3 -	1.2 -	5.1 -	3.86 +	0.24	15.77 +	843.	59.	2.
1472	0000	-840	37.1082	80.8580	DCH	0.4 -	1.3 -	5.5	3.63 +	0.24	15.20 +	907.	59.	1.
1473	0000	-839	37.1082	80.8586	DB-2	0.4 --	1.4 -	5.6 -	3.77 +	0.26	14.63 ++	966.	59.	1.
1474	0000	-840	37.1082	80.8592	DB-2	0.4 --	1.6 -	6.0 -	3.82 +	0.26	14.47 ++	1036.	60.	1.
1475	0000	-840	37.1082	80.8598	DB-2	0.4 -	1.8	6.5 -	4.00 ++	0.28	14.49 ++	1125.	60.	0.
1476	0000	-840	37.1082	80.8604	DB-2	0.5 -	1.9	6.6 -	4.09 ++	0.29	14.01 ++	1186.	59.	1.
1477	0000	-841	37.1082	80.8610	DB-2	0.5 -	1.9	7.0	3.61 +	0.27	13.26 ++	1243.	61.	0.
1478	0000	-841	37.1082	80.8616	DB-2	0.6 -	2.0	7.1	3.32 +	0.28	11.94 +	1282.	60.	0.
1479	0000	-841	37.1082	80.8622	DB-2	0.6 -	2.0	7.2	3.12 +	0.28	11.21 +	1307.	59.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-842	37.1082	80.8627	DB-2	0.6 -	2.1	7.2	3.26 +	0.29	11.34 +	1313.	59.	0.
1481	0000	-839	37.1082	80.8634	DB-2	0.6 -	2.2	7.2	3.56 +	0.30	11.74 +	1305.	58.	0.
1482	0000	-839	37.1082	80.8639	DB-2	0.6 -	2.2	7.2	3.59 +	0.30	11.77 +	1310.	58.	0.
1483	0000	-841	37.1082	80.8645	DB-2	0.6 -	2.1	7.5	3.28 +	0.28	11.54 +	1343.	56.	0.
1484	0000	-841	37.1082	80.8652	DB-2	0.7 -	2.2	7.7	3.07 +	0.29	10.75 +	1383.	56.	0.
1485	0000	-840	37.1082	80.8657	DB-2	0.7 -	2.2	8.4	2.92 +	0.26	11.19 +	1444.	55.	0.
1486	0000	-840	37.1082	80.8663	DB-2	0.8	2.2	8.8	2.73 +	0.25	10.97 +	1500.	58.	0.
1487	0000	-839	37.1082	80.8670	DB-2	0.9	2.3	9.6	2.53	0.24	10.62 +	1577.	59.	0.
1488	0000	-841	37.1081	80.8676	DB-2	1.0	2.4	9.9 +	2.39	0.25	9.71 +	1665.	59.	0.
1489	0000	-844	37.1081	80.8681	DB-2	1.1	2.7	10.6 +	2.39	0.25	9.50	1751.	60.	0.
1490	0000	-843	37.1081	80.8687	DB-2	1.2	2.7 +	10.8 +	2.24	0.25	9.11	1814.	62.	1.
1491	0000	-841	37.1081	80.8694	DB-2	1.2	2.9 +	11.1 +	2.36	0.26	9.21	1866.	61.	1.
1492	0000	-841	37.1081	80.8699	DB-2	1.2	2.7 +	10.9 +	2.16	0.25	8.72	1872.	61.	2.
1493	0000	-842	37.1081	80.8705	DB-2	1.2	2.7 +	10.6 +	2.21	0.26	8.63	1862.	60.	2.
1494	0000	-843	37.1081	80.8712	DB-2	1.2	2.5	10.4 +	2.02	0.24	8.49	1858.	59.	4.
1495	0000	-841	37.1081	80.8717	DB-2	1.2	2.2	10.4 +	1.78	0.21	8.32	1868.	57.	5.
1496	0000	-840	37.1081	80.8723	DB-2	1.3	1.8	10.3 +	1.42	0.17 -	8.09	1853.	55.	6.
1497	0000	-840	37.1081	80.8729	DB-2	1.3	1.7	9.9 +	1.34	0.17 -	7.68	1840.	53.	7.
1498	0000	-839	37.1021	80.8735	DB-2	1.3	1.6 -	9.5	1.23 -	0.16 -	7.44	1824.	51.	8.
1499	0000	-840	37.1081	80.8741	DB-2	1.3	1.9	9.1	1.44	0.20	7.04	1840.	53.	8.
1500	0000	-840	37.1081	80.8747	DB-2	1.4	1.8	9.1	1.34	0.20	6.69	1883.	53.	9.
1501	0000	-839	37.1081	80.8753	DB-2	1.4	2.1	9.0	1.51	0.23	6.51	1887.	52.	8.
1502	0000	-841	37.1081	80.8759	DB-2	1.4	2.0	9.0	1.46	0.22	6.59	1862.	53.	8.
1503	0000	-842	37.1081	80.8765	DB-2	1.3	2.0	9.0	1.50	0.22	6.91	1848.	53.	8.
1504	0000	-839	37.1081	80.8771	DB-2	1.3	2.0	9.3	1.55	0.21	7.38	1827.	54.	7.
1505	0000	-837	37.1081	80.8777	DB-2	1.3	2.0	9.5	1.58	0.21	7.56	1813.	54.	6.
1506	0000	-838	37.1081	80.8783	DB-2	1.2	1.9	9.1	1.52	0.20	7.46	1776.	54.	5.
1507	0000	-836	37.1081	80.8789	DB-2	1.2	1.7	9.2	1.48	0.19 -	7.98	1719.	52.	4.
1508	0000	-837	37.1081	80.8795	DB-2	1.1	1.6 -	9.4	1.42	0.17 -	8.37	1713.	54.	4.
1509	0000	-837	37.1081	80.8800	DB-2	1.1	1.7	9.2	1.56	0.19 -	8.42	1704.	53.	3.
1510	0000	-837	37.1081	80.8807	DB-2	1.1	1.9	8.4	1.74	0.23	7.56	1680.	53.	2.
1511	0000	-837	37.1081	80.8813	DB-2	1.1	2.1	8.3	1.91	0.25	7.48	1686.	53.	1.
1512	0000	-836	37.1081	80.8818	DB-2	1.1	2.0	7.8	1.75	0.25	6.97	1641.	54.	2.
1513	0000	-838	37.1081	80.8825	DB-2	1.1	2.0	8.0	1.84	0.25	7.48	1618.	52.	1.
1514	0000	-840	37.1080	80.8831	DB-2	1.1	2.1	8.1	1.95	0.25	7.66	1596.	52.	1.
1515	0000	-838	37.1080	80.8836	DB-2	1.0	2.1	7.8	2.00	0.27	7.44	1563.	48.	1.
1516	0000	-838	37.1080	80.8842	DB-2	1.0	2.3	7.6	2.36	0.30	7.79	1532.	50.	1.
1517	0000	-839	37.1080	80.8848	DB-2	1.0	2.2	8.2	2.34	0.27	8.57	1538.	48.	0.
1518	0000	-839	37.1080	80.8854	DB-2	1.0	2.2	8.6	2.29	0.25	9.02	1528.	48.	0.
1519	0000	-838	37.1080	80.8860	DB-2	0.9	2.3	9.0	2.58	0.26	10.02 +	1551.	47.	0.
1520	0000	-838	37.1080	80.8866	DB-2	0.9	2.2	9.3	2.41	0.24	10.04 +	1557.	47.	1.
1521	0000	-837	37.1080	80.8872	DB-2	0.9	2.3	9.2	2.54	0.25	10.06 +	1583.	47.	1.
1522	0000	-838	37.1080	80.8878	DB-2	0.9	2.5	9.0	2.71	0.28	9.55	1598.	51.	1.
1523	0000	-837	37.1080	80.8884	DB-2	1.0	2.3	9.6	2.32	0.25	9.43	1642.	50.	2.
1524	0000	-838	37.1080	80.8890	DB-2	1.1	2.3	9.5	2.14	0.24	8.87	1636.	52.	2.
1525	0000	-839	37.1080	80.8896	DB-2	1.1	2.2	9.1	2.06	0.24	8.45	1630.	52.	2.
1526	0000	-838	37.1080	80.8902	DB-2	1.1	2.3	8.6	2.15	0.27	7.85	1623.	52.	1.
1527	0000	-838	37.1080	80.8908	DB-2	1.1	2.5	8.4	2.17	0.29	7.44	1652.	52.	1.
1528	0000	-837	37.1080	80.8914	DLMU-2	1.2	2.5	8.0	2.07	0.31	6.60	1700.	54.	1.
1529	0000	-835	37.1080	80.8920	DLMU-2	1.3	2.2	8.4	1.75	0.27	6.60	1708.	51.	1.
1530	0000	-836	37.1080	80.8926	DLMU-2	1.3	2.2	8.0	1.69	0.28	6.12	1696.	50.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-837	37.1080	80.8932	DLMU-2	1.3	2.2	7.7	1.68	0.28	5.95	1699.	52.	1.
1532	0000	-833	37.1080	80.8938	DLMU-2	1.3	2.0	7.7	1.58	0.26	5.99	1687.	52.	2.
1533	0000	-835	37.1080	80.8944	DLMU-2	1.3	1.7 -	8.0	1.27	0.21	6.02	1693.	52.	3.
1534	0000	-838	37.1080	80.8950	DLMU-2	1.3	1.6 -	7.9	1.21	0.20 -	6.05	1659.	52.	2.
1535	0000	-834	37.1080	80.8957	DLMU-2	1.3	1.3 --	7.9	1.06 -	0.17 -	6.25	1581.	52.	3.
1536	0000	-835	37.1080	80.8962	DLMU-2	1.2	1.5 -	7.3 -	1.22	0.20 -	6.17	1553.	54.	3.
1537	0000	-838	37.1080	80.8968	DLMU-2	1.1	1.7 -	7.4 -	1.46	0.22	6.54	1548.	53.	3.
1538	0000	-837	37.1080	80.8974	DLMU-2	1.1	1.8	7.3 -	1.63	0.25	6.62	1536.	52.	2.
1539	0000	-836	37.1080	80.8980	DLMU-1	1.1 +	1.9	6.8 +	1.82 -	0.29	6.38	1519.	50.	2.
1540	0000	-838	37.1080	80.8987	DLMU-1	1.0 +	2.0	6.7 +	1.97	0.29	6.70	1484.	51.	1.
1541	0000	-838	37.1080	80.8992	DLMU-1	0.9 +	2.0	6.4 +	2.06	0.31	6.73	1445.	51.	0.
1542	0000	-834	37.1080	80.8999	DLMU-1	0.9 +	1.7	6.8 +	1.80 -	0.24	7.38	1410.	52.	0.
1543	0000	-834	37.1080	80.9005	DLMU-1	0.9 +	1.6	6.9 +	1.85	0.24 -	7.76	1355.	52.	0.
1544	0000	-839	37.1080	80.9011	DLMU-1	0.9 +	1.3	6.4 +	1.47 -	0.20 -	7.48	1274.	53.	0.
1545	0000	-837	37.1080	80.9017	DLMU-1	0.9 +	1.1	6.4 +	1.30 -	0.18 -	7.37	1217.	54.	0.
1546	0000	-837	37.1080	80.9024	DLMU-1	0.9 +	1.0	6.4 +	1.15 -	0.16 --	7.35	1181.	56.	0.
1547	0000	-839	37.1081	80.9029	DLMU-1	0.9 +	1.0	6.4 +	1.10 -	0.16 --	7.07	1187.	56.	0.
1548	0000	-834	37.1081	80.9035	DLMU-1	0.9 +	0.9	7.0 ++	1.01 -	0.13 --	7.67	1192.	56.	1.
1549	0000	-833	37.1081	80.9042	DLMU-1	0.9 +	1.2	6.5 +	1.29 -	0.18 -	7.05	1229.	55.	2.
1550	0000	-834	37.1081	80.9047	DLMU-1	1.0 +	1.1	6.7 +	1.09 -	0.17 -	6.62	1299.	54.	2.
1551	0000	-833	37.1081	80.9053	DLMU-1	1.0 +	1.1	6.8 +	1.12 -	0.17 -	6.64	1325.	53.	3.
1552	0000	-835	37.1081	80.9059	DLMU-1	1.0 +	1.2	6.8 +	1.16 -	0.17 -	6.72	1347.	55.	3.
1553	0000	-836	37.1081	80.9066	DLMU-1	1.0 +	1.2	6.8 +	1.19 -	0.18 -	6.65	1363.	54.	3.
1554	0000	-836	37.1081	80.9072	STC-2	1.0 +	1.2	7.1 +	1.19 -	0.17 -	6.90 -	1344.	53.	3.
1555	0000	-835	37.1081	80.9078	STC-2	1.1 +	1.1	6.6	1.06 -	0.17 -	6.25 -	1338.	54.	3.
1556	0000	-834	37.1081	80.9084	STC-2	1.0 +	1.2	6.6	1.15 -	0.17 -	6.63 -	1298.	55.	2.
1557	0000	-833	37.1081	80.9090	STC-2	0.9 +	1.1	6.2	1.25 -	0.18	6.83 -	1220.	56.	2.
1558	0000	-832	37.1081	80.9096	STC-2	0.9 +	1.2	6.3	1.37 -	0.19	7.15 -	1179.	56.	1.
1559	0000	-831	37.1081	80.9102	STC-2	0.8	1.0	6.1	1.22 -	0.17 -	7.37	1121.	55.	2.
1560	0000	-833	37.1081	80.9108	STC-2	0.7	1.2	5.6	1.69 -	0.21	8.01	1063.	55.	2.
1561	0000	-833	37.1081	80.9114	STC-2	0.6	1.3	5.1	2.15	0.25	8.65	1003.	55.	2.
1562	0000	-831	37.1081	80.9120	STC-2	0.5	1.3	5.0	2.57	0.27	9.56	958.	54.	2.
1563	0000	-828	37.1081	80.9126	STC-2	0.5	1.4	4.6	2.65	0.30	8.94	924.	54.	2.
1564	0000	-828	37.1081	80.9132	STC-2	0.5	1.5	4.5	3.17	0.32	9.77	926.	53.	2.
1565	0000	-829	37.1081	80.9138	STC-2	0.4	1.5	4.0 -	3.46	0.36 +	9.59	916.	54.	2.
1566	0000	-830	37.1081	80.9145	STC-1	0.4 +	1.6 +	3.9 +	4.29	0.40	10.69	908.	53.	2.
1567	0000	-831	37.1081	80.9150	STC-1	0.4 +	1.4	4.0 +	3.63	0.35	10.50	893.	53.	2.
1568	0000	-830	37.1082	80.9157	STC-1	0.4 +	1.4	3.6 +	3.48	0.39	8.86 -	867.	54.	2.
1569	0000	-828	37.1082	80.9162	STC-1	0.4 +	1.5 +	3.3	3.58	0.45	7.87 -	831.	57.	2.
1570	0000	-827	37.1082	80.9168	OMUU	0.4	1.3	3.2 -	3.49	0.40 +	8.74	794.	56.	3.
1571	0000	-826	37.1082	80.9175	OMUU	0.3 -	1.2	3.2 -	3.61	0.37	9.86	725.	59.	4.
1572	0000	-826	37.1082	80.9180	OMUU	0.3 -	1.1	3.6 -	3.94 +	0.32	12.39 +	689.	59.	3.
1573	0000	-829	37.1082	80.9187	OMUU	0.3 -	1.0	3.3 -	3.73	0.31	11.99	667.	60.	3.
1574	0000	-829	37.1082	80.9193	OMUU	0.3 -	0.9 -	3.4 -	3.27	0.28	11.69	660.	60.	4.
1575	0000	-826	37.1082	80.9199	OMUU	0.3 -	0.9 -	3.3 -	3.05	0.27	11.27	690.	61.	5.
1576	0000	-827	37.1082	80.9205	OMUU	0.2 -	1.0	3.6 -	4.11 +	0.28	14.57 +	718.	60.	6.
1577	0000	-827	37.1082	80.9212	OMUU	0.3 -	1.0	4.0	3.81	0.26	14.84 +	768.	59.	6.
1578	0000	-827	37.1082	80.9217	OMUU	0.3	1.1	4.2	3.15	0.26	11.92	843.	58.	7.
1579	0000	-828	37.1082	80.9223	OMUU	0.4	1.3	3.8	2.94	0.34	8.64	916.	58.	8.
1580	0000	-828	37.1082	80.9230	OMUU	0.5	1.4	4.2	2.63	0.33	7.93	990.	59.	8.
1581	0000	-826	37.1082	80.9235	OMUU	0.6	1.5	4.0	2.64	0.38	7.02	1046.	58.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-827	37.1082	80.9242	OMUU	0.6	1.6	4.4	2.74	0.35	7.82	1068.	57.	8.
1583	0000	-826	37.1082	80.9247	OMUU	0.5	1.5	4.4	2.72	0.34	8.04	1069.	56.	8.
1584	0000	-822	37.1082	80.9254	OMUU	0.5	1.5	4.3	2.76	0.34	8.09	1039.	58.	7.
1585	0000	-820	37.1082	80.9260	OMUU	0.4	1.4	4.3	3.09	0.32	9.68	993.	57.	7.
1586	0000	-822	37.1082	80.9266	OMUU	0.4	1.3	4.5	3.56	0.28	12.68 +	939.	58.	7.
1587	0000	-823	37.1082	80.9272	OMUU	0.3 -	1.2	4.6	4.13 +	0.25	16.30 +	889.	58.	7.
1588	0000	-822	37.1082	80.9278	OMUU	0.2 -	1.1	4.7	5.40 +	0.24	22.33 ++	853.	60.	7.
1589	0000	-822	37.1082	80.9284	OMUU	0.2 -	0.9 -	4.6	4.54 +	0.20	22.59 ++	827.	61.	9.
1590	0000	-822	37.1082	80.9290	OMUU	0.2 -	0.8 -	4.6	3.27	0.17 -	19.36 ++	815.	62.	9.
1591	0000	-820	37.1082	80.9296	OMUU	0.2 -	0.9 -	4.5	4.24 +	0.20	21.37 ++	786.	61.	8.
1592	0000	-820	37.1082	80.9302	OMUU	0.2 -	0.9 -	4.1	4.57 +	0.21	22.05 ++	763.	63.	8.
1593	0000	-821	37.1082	80.9308	OMUU	0.2 -	0.6 -	4.2	2.98	0.15 -	19.64 ++	739.	61.	8.
1594	0000	-821	37.1082	80.9314	OMUU	0.2 -	0.6 -	3.8	3.08	0.15 -	19.97 ++	698.	60.	8.
1595	0010	-820	37.1082	80.9320	OMUU	0.2 -	0.4 N.A.	3.6 -	2.32 N.A.	0.12 N.A.	18.98 ++	661.	60.	7.
1596	0000	-820	37.1082	80.9326	OMUU	0.2 --	0.5 -	3.6 -	3.26	0.15 -	22.14 ++	638.	60.	6.
1597	0000	-820	37.1082	80.9333	OMUU	0.1 --	0.6 -	3.3 -	4.77 +	0.20	23.91 ++	625.	59.	5.
1598	0000	-819	37.1082	80.9338	OMUU	0.2 --	0.6 -	3.1 -	3.95 +	0.20	19.52 ++	626.	60.	5.
1599	0000	-821	37.1082	80.9345	OMUU	0.2 -	0.6 -	3.1 -	2.75	0.19	14.15 +	628.	58.	4.
1600	0000	-822	37.1082	80.9350	OMUU	0.2 -	0.8 -	2.9 -	3.49	0.27	13.02 +	633.	58.	3.
1601	0000	-820	37.1082	80.9357	OMUU	0.2 -	0.8 -	3.0 -	3.51	0.27	12.83 +	644.	57.	3.
1602	0000	-819	37.1082	80.9363	OMUU	0.2 -	0.9 -	3.2 -	4.24 +	0.29	14.83 +	644.	57.	3.
1603	0000	-818	37.1082	80.9368	OMUU	0.2 -	1.1	3.0 -	4.39 +	0.35	12.56 +	635.	56.	3.
1604	0000	-817	37.1082	80.9375	OMUU	0.2 -	1.0 -	3.2 -	4.43 +	0.31	14.44 +	627.	56.	3.
1605	0000	-818	37.1082	80.9381	OMUU	0.2 -	1.1	3.4 -	4.76 +	0.33	14.54 +	630.	57.	3.
1606	0000	-819	37.1082	80.9387	OMUU	0.2 -	1.1	3.2 -	4.69 +	0.34	13.71 +	620.	59.	3.
1607	0000	-819	37.1082	80.9393	OMUU	0.2 -	1.0	3.2 -	4.84 +	0.32	15.27 +	600.	59.	3.
1608	0000	-818	37.1082	80.9399	OMUU	0.2 -	1.2	2.9 -	5.48 +	0.43 +	12.90 +	578.	61.	2.
1609	0000	-817	37.1083	80.9405	OMUU	0.2 -	1.3	2.5 -	5.91 +	0.52 +	11.38	566.	61.	3.
1610	0000	-815	37.1083	80.9412	OMUU	0.2 -	1.2	2.6 -	5.95 +	0.47 +	12.55 +	564.	61.	2.
1611	0000	-813	37.1083	80.9417	OMUU	0.2 -	1.2	2.4 -	4.93 +	0.49 +	10.10	565.	61.	2.
1612	0000	-813	37.1083	80.9424	OMUU	0.2 -	0.9 -	2.2 -	3.99 +	0.41 +	9.68	554.	62.	2.
1613	0000	-817	37.1083	80.9430	OMUU	0.2 -	1.0 -	2.3 -	5.05 +	0.41 +	12.18	550.	62.	3.
1614	0000	-814	37.1083	80.9435	OMUU	0.2 --	1.1	2.3 -	6.50 +	0.46 +	14.02 +	567.	61.	3.
1615	0000	-809	37.1083	80.9442	OMUU	0.1 --	0.9 -	2.4 -	6.15 +	0.37	16.48 +	571.	60.	4.
1616	0000	-811	37.1083	80.9448	OMUU	0.2 --	0.8 -	2.8 -	4.73 +	0.28	16.90 +	585.	61.	4.
1617	0000	-814	37.1083	80.9454	OMUU	0.2 --	0.8 -	3.0 -	5.12 +	0.28	18.34 ++	602.	60.	5.
1618	0000	-811	37.1083	80.9460	OMUU	0.2 --	0.8 -	3.2 -	4.35 +	0.24	17.87 +	620.	61.	5.
1619	0000	-807	37.1083	80.9466	OMUU	0.2 --	0.9 -	3.4 -	5.29 +	0.25	20.77 ++	655.	58.	5.
1620	0000	-809	37.1083	80.9472	OMUU	0.2 --	0.7 -	3.6 -	4.02 +	0.21	19.50 ++	688.	58.	5.
1621	0000	-808	37.1083	80.9478	OMUU	0.2 -	0.8 -	3.7 -	3.93 +	0.21	18.34 ++	711.	59.	5.
1622	0000	-805	37.1083	80.9484	OMUU	0.2 -	0.9 -	4.1	4.10 +	0.21	19.63 ++	754.	60.	4.
1623	0000	-807	37.1083	80.9491	OMUU	0.2 --	1.2	3.8	7.23 ++	0.32	22.62 ++	773.	58.	3.
1624	0000	-808	37.1083	80.9496	OMUU	0.2 --	1.3	3.5 -	7.48 ++	0.36	21.02 ++	781.	58.	3.
1625	0000	-804	37.1083	80.9502	OMUU	0.1 --	1.5	3.4 -	10.19 ++	0.44 +	23.15 ++	785.	55.	2.
1626	0000	-804	37.1083	80.9508	OMUU	0.2 --	1.7	3.4 -	9.89 ++	0.50 +	19.74 ++	768.	56.	1.
1627	0000	-807	37.1083	80.9514	OMUU	0.2 --	1.8	3.5 -	9.80 ++	0.51 +	19.34 ++	751.	54.	0.
1628	0000	-805	37.1083	80.9521	OMUU	0.2 --	1.7	3.3 -	9.68 ++	0.51 +	18.90 ++	721.	55.	0.
1629	0000	-804	37.1084	80.9526	OMUU	0.2 --	1.8	2.9 -	10.53 ++	0.60 ++	17.56 +	688.	56.	0.
1630	0000	-806	37.1084	80.9533	OMUU	0.2 --	1.8	3.1 -	10.29 ++	0.56 ++	18.35 ++	697.	59.	0.
1631	0000	-805	37.1084	80.9538	OMUU	0.2 --	1.9	3.5 -	12.30 +++	0.53 +	23.13 ++	715.	61.	0.
1632	0000	-805	37.1084	80.9545	OMUU	0.2 --	1.7	3.8	10.84 ++	0.45 +	23.89 ++	734.	64.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-805	37.1084	80.9551	0MUU	0.1 --	1.8	4.1	12.28 +++	0.43 +	28.60 +++	788.	64.	0.
1634	0000	-805	37.1084	80.9557	0MUU	0.2 --	1.9	4.2	10.98 ++	0.46 +	23.87 ++	849.	65.	0.
1635	0000	-804	37.1084	80.9563	0MUU	0.2 -	1.9	4.9	8.40 ++	0.39 +	21.28 ++	913.	65.	0.
1636	0000	-800	37.1084	80.9569	0MUU	0.3 -	2.0 +	5.4	7.12 ++	0.36	19.58 ++	985.	64.	0.
1637	0000	-802	37.1084	80.9575	0MUU	0.3 -	1.8	5.9	5.27 +	0.30	17.44 +	1009.	65.	1.
1638	0000	-80[illegible]	37.1084	80.9581	0MUU	0.4	1.6	5.9	4.10 +	0.27	15.07 +	1036.	63.	1.
1639	0000	-801	37.1084	80.9587	0MUU	0.4	1.6	6.3	4.15 +	0.26	15.96 +	1051.	63.	1.
1640	0000	-799	37.1084	80.9593	0MUU	0.4	1.6	6.3	3.82	0.25	15.32 +	1038.	62.	1.
1641	0000	-803	37.1084	80.9600	0MUU	0.4	1.5	6.2	4.03 +	0.25	16.28 +	1027.	63.	1.
1642	0000	-802	37.1084	80.9605	0MUU	0.3	1.7	5.7	4.83 +	0.29	16.49 +	1008.	62.	1.
1643	0000	-800	37.1084	80.9611	0MUU	0.3 -	1.7	5.4	5.40 +	0.32	17.02 +	988.	65.	2.
1644	0000	-799	37.1084	80.9617	0MUU	0.3 -	1.7	5.6	6.07 +	0.31	19.57 ++	994.	61.	1.
1645	0000	-798	37.1084	80.9624	0MUU	0.3 -	1.8	5.6	6.47 +	0.31	20.76 ++	985.	63.	1.
1646	0000	-799	37.1084	80.9629	0MUU	0.3 -	1.8	5.9	6.49 +	0.31	20.71 ++	998.	62.	1.
1647	0000	-799	37.1084	80.9635	0MUU	0.3 -	1.8	5.9	6.66 +	0.30	22.26 ++	994.	64.	1.
1648	0000	-796	37.1084	80.9642	0MUU	0.3 -	1.7	6.0	6.69 +	0.29	23.31 ++	981.	63.	1.
1649	0000	-798	37.1084	80.9648	0MUU	0.3 -	1.6	6.2	5.91 +	0.25	23.30 ++	975.	64.	1.
1650	0000	-798	37.1084	80.9654	0MUU	0.2 -	1.5	6.2	6.55 +	0.23	27.95 +++	952.	62.	2.
1651	0000	-796	37.1084	80.9660	0MUU	0.2 -	1.4	5.8	5.75 +	0.24	23.62 ++	912.	64.	2.
1652	0000	-798	37.1084	80.9666	0MUU	0.2 -	1.4	5.5	6.50 +	0.24	26.70 +++	872.	64.	2.
1653	0000	-799	37.1084	80.9672	0MUU	0.2 --	1.2	5.0	6.72 +	0.24	28.14 +++	820.	64.	2.
1654	0000	-798	37.1084	80.9679	0MUU	0.2 --	1.2	4.9	6.70 +	0.24	27.89 +++	791.	65.	2.
1655	0000	-798	37.1084	80.9684	0MUU	0.2 -	1.1	4.8	5.72 +	0.23	25.28 ++	758.	68.	3.
1656	0000	-798	37.1084	80.9691	0MUU	0.2 --	1.2	4.4	7.14 ++	0.26	27.19 +++	735.	69.	2.
1657	0000	-797	37.1084	80.9696	0MUU	0.2 -	1.1	4.4	4.95 +	0.26	19.01 ++	718.	69.	1.
1658	0000	-797	37.1084	80.9702	0MUU	0.2 -	1.0	4.2	4.42 +	0.25	17.78 +	704.	70.	1.
1659	0000	-796	37.1084	80.9709	0MUU	0.3 -	1.0	3.9	4.10 +	0.27	15.17 +	697.	68.	0.
1660	0000	-795	37.1084	80.9714	0MUU	0.3 -	1.2	3.5 -	4.29 +	0.34	12.68 +	680.	68.	0.
1661	0000	-796	37.1084	80.9721	0MUU	0.3 -	1.2	3.4 -	3.80	0.34	11.29	671.	70.	0.
1662	0000	-795	37.1084	80.9727	0MUU	0.3 -	1.2	3.5 -	3.80	0.33	11.49	678.	67.	0.
1663	0000	-794	37.1084	80.9733	0MUU	0.4	1.0	3.2 -	2.98	0.32	9.19	672.	65.	0.
1664	0000	-794	37.1084	80.9739	0MUU	0.4	1.0	3.3 -	2.67	0.31	8.62	686.	65.	0.
1665	0000	-793	37.1084	80.9745	0MUU	0.4	1.1	3.5 -	2.63	0.32	8.09	723.	65.	2.
1666	0000	-790	37.1084	80.9751	0MUU	0.5	1.0 -	4.0	1.98	0.24	8.24	761.	67.	3.
1667	0000	-792	37.1084	80.9757	0MUU	0.6	0.7 -	4.1	1.28	0.18 -	7.18	810.	69.	5.
1668	0000	-794	37.1084	80.9763	0MUU	0.7	0.6 -	4.1	0.96 -	0.15 -	6.34	872.	66.	6.
1669	0000	-794	37.1084	80.9769	0MUU	0.7	0.6 -	4.1	0.79 -	0.14 -	5.47 -	939.	69.	7.
1670	0000	-793	37.1085	80.9776	0MUU	0.8	0.6 -	4.7	0.69 --	0.12 --	5.58 -	1036.	68.	7.
1671	0000	-793	37.1085	80.9781	0MUU	0.9	0.6 -	5.2	0.66 --	0.12 --	5.62 -	1116.	67.	7.
1672	0000	-792	37.1085	80.9787	0MUU	1.0	0.6 -	5.5	0.55 --	0.10 --	5.36 -	1185.	66.	6.
1673	0000	-791	37.1085	80.9794	0MUU	1.1	0.9 -	5.2	0.87 -	0.18 -	4.76 -	1258.	66.	4.
1674	0000	-789	37.1085	80.9799	0MUU	1.1	1.1	5.4	0.96 -	0.20	4.80 -	1325.	65.	3.
1675	0000	-787	37.1085	80.9805	0MUU	1.2	1.4	5.4	1.18 -	0.25	4.72 -	1347.	65.	2.
1676	0000	-788	37.1085	80.9812	0MUU	1.1	1.4	5.7	1.27	0.26	4.97 -	1358.	62.	2.
1677	0000	-787	37.1085	80.9817	0MUU	1.1	1.3	5.8	1.18 -	0.22	5.26 -	1335.	63.	2.
1678	0000	-785	37.1085	80.9824	0MUU	1.0	1.4	5.2	1.33	0.26	5.06 -	1280.	63.	3.
1679	0000	-784	37.1085	80.9830	0MUU	0.9	1.2	5.1	1.28	0.23	5.44 -	1200.	64.	4.
1680	0000	-783	37.1085	80.9836	0MUU	0.8	0.9 -	4.9	1.12 -	0.19	5.92	1095.	65.	6.
1681	0000	-785	37.1085	80.9842	0MUU	0.7	0.8 -	4.6	1.09 -	0.17 -	6.54	1004.	63.	6.
1682	0000	-785	37.1085	80.9847	0MUU	0.6	0.8 -	4.5	1.26 -	0.17 -	7.38	939.	64.	6.
1683	0000	-782	37.1085	80.9854	0MUU	0.5	0.9 -	4.2	1.78	0.22	7.99	874.	64.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-782	37.1085	80.9860	OMUU	0.5	1.0	3.7 -	2.11	0.28	7.59	836.	63.	5.
1685	0000	-781	37.1085	80.9867	OMUU	0.5	1.1	4.0	2.16	0.27	7.93	826.	66.	3.
1686	0000	-779	37.1085	80.9872	OMUU	0.5	1.3	3.8	2.57	0.35	7.44	846.	62.	2.
1687	0000	-780	37.1085	80.9879	OMUU	0.5	1.5	4.3	2.89	0.35	8.33	874.	61.	1.
1688	0000	-777	37.1085	80.9884	OMUU	0.5	1.7	4.1	3.31	0.42 +	7.84	871.	63.	0.
1689	0000	-776	37.1085	80.9891	OMUU	0.5	1.6	4.0	3.13	0.40 +	7.91	852.	58.	1.
1690	0000	-777	37.1085	80.9897	OMUU	0.5	1.3	4.2	2.62	0.30	8.60	822.	58.	1.
1691	0000	-776	37.1086	80.9902	OMUU	0.4	1.3	4.1	3.08	0.31	9.92	777.	58.	1.
1692	0000	-778	37.1086	80.9909	OMUU	0.4	1.1	4.1	2.93	0.26	11.16	749.	55.	1.
1693	0000	-777	37.1086	80.9915	OMUU	0.3 -	1.0 -	4.1	3.32	0.25	13.49 +	712.	55.	2.
1694	0000	-775	37.1086	80.9921	OMUU	0.3 -	0.9 -	3.8	3.36	0.25	13.35 +	694.	54.	2.
1695	0000	-777	37.1086	80.9927	OMUU	0.3 -	0.8 -	4.0	2.73	0.20	13.56 +	684.	54.	2.
1696	0000	-777	37.1086	80.9933	OMUU	0.3 -	0.9 -	3.9	2.70	0.22	12.07	697.	56.	2.
1697	0000	-773	37.1086	80.9939	OMUU	0.3	1.1	3.9	3.23	0.29	11.15	726.	55.	1.
1698	0000	-772	37.1086	80.9945	OMUU	0.4	1.2	4.2	3.06	0.28	10.73	782.	54.	1.
1699	0000	-773	37.1086	80.9951	OMUU	0.4	1.4	4.5	3.27	0.31	10.47	825.	54.	1.
1700	0000	-771	37.1086	80.9957	OMUU	0.5	1.4	4.9	2.86	0.28	10.21	868.	54.	1.
1701	0000	-772	37.1086	80.9963	OMUU	0.6	1.2	5.4	2.16	0.22	9.72	911.	56.	1.
1702	0000	-772	37.1086	80.9969	OMUU	0.5	1.3	6.0	2.36	0.21	11.12	953.	55.	1.
1703	0000	-770	37.1086	80.9975	OMUU	0.5	1.4	6.3	2.53	0.21	11.77	992.	54.	0.
1704	0000	-771	37.1086	80.9982	OMUU	0.6	1.1	6.7	1.84	0.17 -	11.17	1017.	55.	0.
1705	0000	-770	37.1086	80.9987	OMUU	0.6	1.3	7.0	2.32	0.19	12.16	1023.	56.	0.
1706	0000	-767	37.1086	80.9993	OMUU	0.6	1.3	6.9	2.33	0.19	12.05	1023.	57.	0.
1707	0000	-769	37.1086	81.0000	OMUU	0.6	1.6	6.2	2.94	0.26	11.19	1023.	57.	0.
1708	0000	-770	37.1086	81.0005	OMUU	0.5	1.9	6.2	3.77	0.31	12.23	1023.	53.	0.
1709	0000	-768	37.1086	81.0012	OMUU	0.5	2.0	5.7	3.94 +	0.34	11.43	1030.	52.	1.
1710	0000	-768	37.1086	81.0018	OMUU	0.5	2.0 +	5.2	3.94 +	0.39 +	10.14	1020.	55.	1.
1711	0000	-766	37.1086	81.0023	OMUU	0.5	2.4 +	4.8	4.94 +	0.51 +	9.73	1033.	56.	2.
1712	0000	-766	37.1086	81.0030	OMUU	0.5	2.5 ++	4.5	4.80 +	0.55 ++	8.79	1051.	54.	2.
1713	0000	-767	37.1086	81.0036	OMUU	0.5	2.5 ++	4.5	5.10 +	0.55 ++	9.28	1069.	53.	2.
1714	0000	-766	37.1086	81.0042	OMUU	0.5	2.1 +	5.2	3.89 +	0.41 +	9.54	1090.	52.	3.
1715	0000	-766	37.1086	81.0048	OMUU	0.6	2.1 +	5.1	3.72	0.42 +	8.82	1106.	53.	3.
1716	0000	-767	37.1086	81.0054	OMUU	0.6	2.2 +	5.2	3.56	0.42 +	8.51	1136.	55.	4.
1717	0000	-765	37.1086	81.0060	OMUU	0.6	1.9	5.9	3.12	0.33	9.58	1173.	52.	4.
1718	0000	-764	37.1086	81.0065	OMUU	0.6	1.8	6.4	2.86	0.28	10.30	1185.	49.	4.
1719	0000	-765	37.1086	81.0072	OMUU	0.6	1.6	6.1	2.52	0.26	9.60	1193.	53.	4.
1720	0000	-763	37.1086	81.0078	OMKL-2	0.6	1.5	6.3	2.35	0.23	10.15 -	1197.	54.	4.
1721	0000	-762	37.1086	81.0083	OMKL-2	0.6	1.6	6.2	2.95	0.26	11.21	1190.	56.	3.
1722	0000	-761	37.1086	81.0089	OMKL-2	0.5	1.5	5.9	2.70	0.25	10.91	1181.	58.	4.
1723	0000	-761	37.1086	81.0095	OMKL-2	0.5	1.4	6.0	2.67	0.24	11.15	1174.	57.	4.
1724	0000	-762	37.1086	81.0101	OMKL-2	0.5	1.6	5.7 -	3.20	0.28 +	11.28	1170.	56.	3.
1725	0000	-761	37.1086	81.0107	OMKL-2	0.5 -	1.7	5.7 -	3.47 +	0.29 +	11.86	1160.	59.	3.
1726	0000	-760	37.1086	81.0112	OMKL-2	0.4 --	1.7 +	6.2	3.92 ++	0.28 +	14.10 +	1139.	58.	3.
1727	0000	-761	37.1086	81.0119	OMKL-2	0.5 -	1.8 +	6.0	3.60 +	0.30 +	12.12	1122.	58.	3.
1728	0000	-762	37.1087	81.0125	OMKL-2	0.5	1.6	6.1	2.93	0.26	11.37	1117.	57.	4.
1729	0000	-760	37.1087	81.0130	OMKL-2	0.5	1.7	6.3	3.18	0.26	12.11	1123.	54.	4.
1730	0000	-761	37.1087	81.0137	OMKL-2	0.5	1.6	6.2	3.05	0.26	11.92	1114.	54.	4.
1731	0000	-762	37.1087	81.0143	OMKL-2	0.5	1.6	6.4	2.94	0.25	12.01	1107.	56.	4.
1732	0000	-760	37.1087	81.0148	OMKL-2	0.5	1.5	6.6	2.81	0.22	12.65	1107.	54.	4.
1733	0000	-760	37.1087	81.0154	OMKL-2	0.6	1.4 -	6.4	2.56	0.22	11.53	1112.	53.	5.
1734	0000	-760	37.1087	81.0161	OMKL-2	0.5	1.5	6.2	2.83	0.24	11.58	1123.	54.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8. APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-757	37.1087	81.0166	OMKL-2	0.6	1.7	5.9	3.01	0.28 +	10.60	1129.	54.	5.
1736	0000	-756	37.1087	81.0172	OMKL-2	0.6	1.6	6.2	2.71	0.26	10.53	1119.	56.	4.
1737	0000	-759	37.1087	81.0177	OMKL-2	0.7 +	1.6	6.0	2.50	0.27	9.20 -	1125.	56.	4.
1738	0000	-757	37.1087	81.0184	OMKL-2	0.7 +	1.6	5.9	2.37	0.27	8.66 --	1118.	55.	3.
1739	0000	-755	37.1087	81.0190	OMKL-1	0.7 +	1.6	5.2 +	2.18	0.30	7.29	1089.	56.	3.
1740	0000	-756	37.1087	81.0195	OMKL-1	0.7 +	1.4	5.1 +	1.92	0.27	7.15	1058.	57.	2.
1741	0000	-755	37.1087	81.0202	OMKL-1	0.7 +	1.2	5.2 +	1.76	0.22	7.89	1008.	55.	1.
1742	0000	-756	37.1087	81.0208	OMKL-1	0.6	1.2	5.0 +	2.01	0.24	8.45	947.	55.	1.
1743	0000	-757	37.1087	81.0214	OMKL-1	0.5	1.2	4.2	2.24	0.28	8.04	881.	54.	1.
1744	0000	-755	37.1087	81.0220	OMKL-1	0.4	1.0	4.4	2.49	0.24	10.40	811.	52.	1.
1745	0000	-756	37.1087	81.0226	OMKL-1	0.4	0.9 -	4.1	2.29	0.21 -	11.06	752.	52.	1.
1746	0000	-756	37.1087	81.0232	OMKL-1	0.3 -	0.8 -	4.0	2.75	0.21 -	13.17	708.	51.	1.
1747	0000	-754	37.1087	81.0237	DCH	0.3 -	0.8 -	3.8	3.33	0.22 -	14.88 +	668.	50.	1.
1748	0000	-756	37.1087	81.0243	DCH	0.2 -	0.9 -	3.5	3.47	0.25	13.99 +	649.	49.	1.
1749	0000	-759	37.1087	81.0250	DCH	0.2 -	0.8 -	3.5	3.80	0.24 -	15.80 +	649.	50.	1.
1750	0000	-758	37.1087	81.0255	DCH	0.2 -	0.9 -	3.3	3.92	0.27	14.53 +	670.	51.	1.
1751	0000	-757	37.1087	81.0261	DCH	0.3	1.1	2.9	3.46	0.36	9.51	706.	51.	1.
1752	0000	-755	37.1087	81.0267	DCH	0.4	1.1	3.1	2.89	0.35	8.20	773.	53.	1.
1753	0000	-756	37.1087	81.0273	DCH	0.5	1.4	3.0	2.78	0.48	5.82	865.	54.	1.
1754	0000	-758	37.1087	81.0279	DCH	0.6	1.7	3.1	2.67	0.55 +	4.82	954.	53.	1.
1755	0000	-758	37.1087	81.0285	DCH	0.8	1.8	3.1	2.20	0.56 +	3.93	1034.	53.	1.
1756	0000	-758	37.1087	81.0291	DCH	0.9	1.8	3.2	1.89	0.55 +	3.44 -	1096.	53.	1.
1757	0000	-761	37.1087	81.0297	DCH	1.0	1.9	3.5	1.86 -	0.55 +	3.42 -	1121.	51.	0.
1758	0000	-760	37.1087	81.0303	CCR-1	1.0	2.0	3.6 -	2.00	0.54 +	3.68 -	1120.	51.	0.
1759	0000	-758	37.1087	81.0308	CCR-1	0.9	2.0	3.1 -	2.11	0.62 ++	3.39 -	1066.	48.	1.
1760	0000	-759	37.1087	81.0315	CCR-1	0.8	1.7	3.2 -	2.05	0.53 +	3.88 -	981.	49.	1.
1761	0000	-759	37.1087	81.0321	CCR-1	0.7	1.5	3.0 -	2.14	0.51 +	4.23	900.	53.	1.
1762	0000	-758	37.1088	81.0326	CCR-1	0.6	1.5	2.7 -	2.77	0.58 +	4.79	825.	53.	1.
1763	0000	-759	37.1088	81.0332	CCR-1	0.4	1.5	2.7 -	3.50	0.54 +	6.42	760.	54.	1.
1764	0000	-759	37.1088	81.0339	CCR-1	0.4	1.4	2.7 -	3.43	0.52 +	6.57	754.	55.	2.
1765	0000	-758	37.1088	81.0344	CCR-1	0.4	1.2	3.0 -	3.00	0.41	7.25	753.	55.	2.
1766	0000	-757	37.1088	81.0350	CCR-1	0.4	1.2 -	3.3 -	2.77	0.37	7.58	793.	55.	2.
1767	0000	-757	37.1088	81.0356	CCR-1	0.5	1.2 -	3.4 -	2.34	0.35	6.74	859.	57.	2.
1768	0000	-757	37.1088	81.0362	CCR-1	0.6	1.2 -	3.6 -	2.16	0.33	6.50	932.	54.	3.
1769	0000	-757	37.1088	81.0368	CCR-1	0.7	1.1 -	4.0	1.74	0.28	6.18	1015.	55.	4.
1770	0000	-759	37.1088	81.0374	CCR-1	0.7	1.2	4.0	1.74	0.31	5.60	1088.	56.	5.
1771	0000	-761	37.1088	81.0379	CCR-1	0.7	1.2 -	4.1	1.69	0.30	5.62	1138.	55.	6.
1772	0000	-759	37.1088	81.0386	CCR-1	0.8	1.3	3.9	1.73	0.34	5.06	1179.	58.	7.
1773	0000	-761	37.1088	81.0392	CCR-1	0.8	1.5	3.9	2.04	0.40	5.15	1203.	58.	7.
1774	0000	-763	37.1088	81.0397	CCR-1	0.8	1.6	4.1	2.09	0.39	5.39	1214.	57.	7.
1775	0000	-762	37.1088	81.0404	CCR-1	0.7	1.6	4.1	2.24	0.40	5.64	1206.	58.	7.
1776	0000	-763	37.1088	81.0410	CCR-1	0.7	1.9	3.8	2.85	0.50 +	5.68	1188.	56.	6.
1777	0000	-763	37.1088	81.0415	CCR-1	0.7	1.9	3.9	2.94	0.50 +	5.92	1173.	54.	5.
1778	0000	-761	37.1089	81.0421	CCR-1	0.6	2.0	3.9	3.47	0.52 +	6.64	1155.	52.	5.
1779	0000	-761	37.1089	81.0427	CCR-1	0.5	2.0	4.0	3.77	0.50 +	7.59	1121.	51.	5.
1780	0000	-762	37.1089	81.0433	CCR-1	0.5	1.9	4.0	4.08	0.47	8.67	1074.	52.	5.
1781	0000	-763	37.1088	81.0439	CCR-1	0.4 -	2.0	3.9	5.04 +	0.50 +	10.02	1021.	52.	5.
1782	0000	-763	37.1088	81.0445	CCR-1	0.4 -	1.9	3.9	5.09 +	0.47	10.79 +	992.	52.	6.
1783	0000	-762	37.1088	81.0451	CCR-1	0.3 -	1.7	4.1	5.56 +	0.42	13.22 +	957.	53.	6.
1784	0000	-763	37.1088	81.0457	CCR-1	0.3 -	1.6	4.0	5.79 +	0.40	14.35 +	916.	55.	7.
1785	0000	-764	37.1088	81.0463	CCR-1	0.3 -	1.5	4.1	5.79 +	0.37	15.45 +	880.	56.	7.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-764	37.1088	81.0468	CCR-1	0.2 --	1.6	3.7	7.24 +	0.44	16.58 +	861.	57.	7.
1787	0000	-765	37.1088	81.0475	CCR-1	0.3 -	1.6	3.6 -	6.09 +	0.44	13.80 +	864.	58.	6.
1788	0000	-767	37.1088	81.0481	CCR-1	0.3 -	1.6	3.5 -	5.54 +	0.45	12.45 +	882.	59.	6.
1789	0000	-767	37.1088	81.0486	CN	0.4 -	1.7	3.6 -	4.67 +	0.46	10.04 +	905.	57.	5.
1790	0000	-767	37.1088	81.0493	CN	0.4 -	1.4 -	3.3 -	3.66	0.44	8.39	894.	58.	6.
1791	0000	-767	37.1088	81.0498	CN	0.4 -	1.6	3.5 -	4.06	0.48	8.54	900.	57.	4.
1792	0000	-767	37.1088	81.0504	CN	0.4 -	1.5 -	3.5 -	3.70	0.43	8.51	897.	56.	4.
1793	0000	-766	37.1088	81.0510	CN	0.5 -	1.4 -	3.7 -	2.98	0.37	8.12	898.	53.	3.
1794	0000	-767	37.1088	81.0516	CN	0.5 -	1.4 -	3.7 -	3.03	0.38	8.03	884.	53.	3.
1795	0000	-767	37.1089	81.0522	CN	0.5	1.4 -	3.7 -	2.89	0.37	7.73	870.	53.	2.
1796	0000	-768	37.1089	81.0528	CN	0.5 -	1.3 -	3.5 -	2.87	0.38	7.54	852.	55.	1.
1797	0000	-768	37.1089	81.0534	CN	0.5	1.5 -	3.5 -	2.92	0.43	6.84	895.	54.	1.
1798	0000	-768	37.1089	81.0540	CN	0.6	1.4 -	3.5 -	2.27	0.39	5.77	927.	54.	1.
1799	0000	-769	37.1089	81.0546	CN	0.7	1.4 -	3.7 -	2.04	0.40	5.16	978.	53.	0.
1800	0000	-772	37.1089	81.0552	CN	0.8	1.5 -	3.6 -	1.85	0.43	4.34	1033.	57.	0.
1801	0000	-772	37.1089	81.0557	CN	0.9	1.5 -	3.6 -	1.62	0.43	3.76	1096.	58.	0.
1802	0000	-770	37.1089	81.0564	CN	1.0	1.6	3.5 -	1.56	0.46	3.36	1159.	57.	1.
1803	0000	-772	37.1089	81.0569	CN	1.1	1.7	3.7 -	1.47	0.45	3.26	1222.	56.	1.
1804	0000	-773	37.1089	81.0575	CN	1.2	1.7	3.6 -	1.46	0.48	3.04	1255.	56.	1.
1805	0000	-772	37.1089	81.0582	CN	1.3	1.9	3.6 -	1.54	0.54 +	2.84	1312.	56.	0.
1806	0000	-771	37.1089	81.0587	CN	1.4	2.0	3.6 -	1.43	0.54 +	2.62	1348.	59.	0.
1807	0000	-773	37.1089	81.0593	CN	1.4	1.9	3.8 -	1.37	0.51 +	2.69	1397.	58.	0.
1808	0000	-774	37.1089	81.0599	CN	1.5	1.9	4.1	1.30	0.48	2.71	1449.	59.	0.
1809	0000	-773	37.1089	81.0605	CN	1.6	1.9	4.4	1.22	0.44	2.80	1502.	59.	0.
1810	0000	-774	37.1089	81.0611	CN	1.7	1.9	4.4	1.10	0.42	2.62	1555.	59.	0.
1811	0000	-774	37.1089	81.0617	CN	1.8	1.8	4.6	1.00	0.40	2.50	1627.	59.	0.
1812	0000	-775	37.1090	81.0623	CN	2.0	1.6	5.2	0.81	0.31	2.63	1704.	58.	0.
1813	0000	-775	37.1090	81.0629	CN	2.1	1.6	5.2	0.78	0.31	2.51	1791.	58.	0.
1814	0000	-775	37.1090	81.0635	CN	2.1	1.7	5.5	0.80	0.31	2.56	1864.	59.	0.
1815	0000	-775	37.1090	81.0640	CN	2.2	1.9	5.5	0.88	0.35	2.54	1929.	58.	0.
1816	0000	-776	37.1090	81.0647	CN	2.2	1.9	5.7	0.83	0.33	2.51	2000.	58.	1.
1817	0000	-775	37.1090	81.0653	CN	2.3	2.0	6.2	0.86	0.32	2.70	2085.	56.	2.
1818	0000	-775	37.1090	81.0658	CN	2.3	2.0	6.5	0.86	0.30	2.83	2133.	57.	2.
1819	0000	-776	37.1090	81.0664	CHK-2	2.3	2.2	6.6 -	0.96	0.33	2.90	2169.	58.	3.
1820	0000	-774	37.1090	81.0671	CHK-2	2.2	2.3	7.1	1.05	0.32	3.27	2168.	59.	3.
1821	0000	-773	37.1090	81.0677	CHK-2	2.1	2.5	7.0	1.18	0.35	3.34	2182.	58.	3.
1822	0000	-777	37.1089	81.0682	CHK-2	2.1	2.5	7.5	1.21	0.33	3.64	2216.	57.	3.
1823	0000	-778	37.1089	81.0688	CHK-2	2.0	2.7	7.8	1.32	0.35	3.82	2240.	56.	2.
1824	0000	-775	37.1089	81.0695	CHK-2	2.0	2.8	7.9 -	1.41	0.36	3.93	2229.	56.	2.
1825	0000	-774	37.1089	81.0700	CHK-2	1.9	3.0	7.9	1.56	0.38	4.06	2218.	54.	1.
1826	0000	-776	37.1089	81.0706	CHK-2	1.8	3.3 +	7.8	1.79	0.42 +	4.28	2185.	55.	1.
1827	0000	-777	37.1089	81.0712	CHK-2	1.8	3.4 +	7.9	1.86	0.43 +	4.33	2186.	52.	0.
1828	0000	-776	37.1090	81.0718	CHK-2	1.8	3.3 +	8.0	1.79	0.41 +	4.36	2149.	52.	0.
1829	0000	-777	37.1090	81.0724	CHK-2	1.8	3.2 +	7.8	1.81	0.41 +	4.41	2101.	52.	1.
1830	0000	-779	37.1090	81.0729	CHK-2	1.7	3.2 +	7.6	1.89	0.41 +	4.57	2048.	52.	1.
1831	0000	-778	37.1090	81.0735	CHK-2	1.7	3.1 +	7.5	1.86	0.42 +	4.44	2010.	54.	1.
1832	0000	-778	37.1090	81.0742	CHK-2	1.7	2.9	8.0	1.75	0.36	4.85	2010.	55.	1.
1833	0000	-780	37.1090	81.0747	CHK-2	1.7	2.8	8.2	1.68	0.34	4.94	2006.	53.	1.
1834	0000	-780	37.1090	81.0753	CHK-2	1.6	2.7	8.1	1.63	0.33	4.96	1992.	54.	1.
1835	0000	-780	37.1090	81.0760	CHK-2	1.6	2.6	8.5	1.61	0.31	5.25	1990.	55.	1.
1836	0000	-781	37.1090	81.0766	CHK-2	1.6	2.8	8.6 +	1.77	0.32	5.51	1981.	56.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-780	37.1090	81.0771	CHK-2	1.5	2.9	8.8 +	1.88	0.33	5.79	1966.	54.	0.
1838	0000	-782	37.1090	81.0777	CHK-2	1.4	2.8	8.7 +	1.92	0.32	6.07	1952.	56.	1.
1839	0000	-784	37.1090	81.0784	CHK-2	1.3	3.0	8.7 +	2.29	0.35	6.52	1909.	55.	1.
1840	0000	-784	37.1090	81.0789	CHK-2	1.2	2.9	8.4	2.33	0.35	6.70	1871.	56.	1.
1841	0000	-783	37.1090	81.0795	CHK-2	1.1	3.1	8.4	2.81	0.37	7.63	1840.	56.	1.
1842	0000	-783	37.1090	81.0800	CHK-2	1.0	3.1	8.4	3.09	0.36	8.47	1809.	55.	1.
1843	0000	-784	37.1090	81.0807	CHK-2	1.0	3.0	8.3	3.04	0.36	8.56	1779.	55.	1.
1844	0000	-785	37.1090	81.0813	CHK-2	0.9	3.0	8.2	3.33	0.37	8.98	1755.	59.	1.
1845	0000	-784	37.1091	81.0818	CHK-2	0.9	3.2 +	8.3	3.60	0.38	9.51	1737.	57.	1.
1846	0000	-784	37.1091	81.0825	CHK-2	0.9	3.1	8.0	3.47	0.38	9.02	1734.	59.	1.
1847	0000	-784	37.1091	81.0831	CHK-2	0.9	3.2 +	8.3	3.58	0.38	9.35	1720.	59.	2.
1848	0000	-784	37.1091	81.0837	CHK-2	0.9	3.0	8.1	3.17	0.36	8.69	1703.	60.	3.
1849	0000	-786	37.1091	81.0842	CHK-2	0.9	2.9	8.0	3.16	0.36	8.71	1688.	60.	4.
1850	0000	-788	37.1091	81.0849	CHK-2	0.9	2.9	7.9	3.35	0.36	9.21	1677.	60.	5.
1851	0000	-784	37.1091	81.0855	CHK-2	0.8	2.5	8.2	3.01	0.31	9.68	1662.	59.	7.
1852	0000	-782	37.1091	81.0860	CHK-2	0.7	2.7	8.3	3.60	0.32	11.18 +	1652.	59.	8.
1853	0000	-783	37.1091	81.0866	CHK-2	0.7 -	2.6	8.2	3.92 +	0.31	12.49 +	1623.	60.	9.
1854	0000	-784	37.1091	81.0872	CHK-2	0.6 -	2.4	8.3	3.85 +	0.29	13.30 +	1603.	60.	10.
1855	0000	-788	37.1091	81.0878	CHK-2	0.6 -	2.4	8.3	4.06 +	0.29	13.99 +	1583.	60.	10.
1856	0000	-788	37.1091	81.0884	CHK-2	0.6 -	2.6	8.3	4.53 +	0.31	14.60 +	1588.	60.	8.
1857	0000	-788	37.1091	81.0890	CHK-2	0.5 -	2.8	8.4	5.15 +	0.34	15.34 +	1588.	59.	7.
1858	0000	-791	37.1091	81.0896	CHK-2	0.6 -	3.0	8.3	5.37 +	0.37	14.59 +	1601.	58.	6.
1859	0000	-790	37.1091	81.0902	CHK-2	0.6 -	2.8	8.3	4.84 +	0.34	14.28 +	1592.	58.	5.
1860	0000	-789	37.1091	81.0907	CHK-2	0.6 -	2.8	8.4	4.56 +	0.34	13.54 +	1588.	58.	3.
1861	0000	-791	37.1091	81.0913	CHK-2	0.6 -	2.9	8.3	4.81 +	0.35	13.80 +	1586.	55.	2.
1862	0000	-789	37.1091	81.0920	CHK-2	0.6 -	3.0	8.3	5.01 +	0.36	14.06 +	1604.	54.	1.
1863	0000	-790	37.1091	81.0926	CHK-2	0.6 -	3.1	8.0	5.36 +	0.39	13.90 +	1579.	53.	1.
1864	0000	-793	37.1091	81.0933	CHK-2	0.6 -	2.7	8.5	4.40 +	0.31	13.99 +	1556.	52.	1.
1865	0000	-791	37.1090	81.0939	CHK-2	0.6 -	2.6	8.2	4.63 +	0.31	14.81 +	1503.	52.	0.
1866	0000	-792	37.1090	81.0945	CHK-2	0.5 -	2.7	7.6	5.15 +	0.35	14.82 +	1471.	53.	1.
1867	0000	-794	37.1090	81.0952	CHK-2	0.5 -	2.6	7.6	5.39 +	0.34	15.67 +	1452.	52.	2.
1868	0000	-792	37.1089	81.0958	CHK-2	0.5 -	2.6	7.9	5.37 +	0.33	16.22 +	1452.	52.	2.
1869	0000	-794	37.1089	81.0964	CHK-2	0.5 -	2.6	8.2	5.45 +	0.31	17.34 +	1444.	52.	3.
1870	0000	-795	37.1089	81.0970	CHK-2	0.5 -	2.4	8.3	5.05 +	0.29	17.20 +	1464.	54.	3.
1871	0000	-793	37.1089	81.0977	CHK-2	0.5 -	2.8	8.0	5.57 +	0.35	16.06 +	1495.	56.	3.
1872	0000	-795	37.1089	81.0984	CHK-2	0.6 -	2.8	8.6 +	4.94 +	0.33	15.18 +	1562.	56.	3.
1873	0000	-795	37.1089	81.0990	CHK-2	0.7 -	2.7	9.3 +	4.09 +	0.29	14.01 +	1614.	56.	2.
1874	0000	-793	37.1088	81.0997	CHK-2	0.8	2.7	9.7 ++	3.33	0.28	11.86 +	1694.	54.	1.
1875	0000	-794	37.1088	81.1003	CHK-2	0.9	2.8	9.9 ++	3.20	0.29	11.13 +	1754.	56.	1.
1876	0000	-797	37.1088	81.1009	CHK-2	0.9	3.0	10.0 ++	3.16	0.30	10.66	1794.	57.	0.
1877	0000	-800	37.1088	81.1015	CHK-2	1.0	3.0	10.3 ++	2.99	0.29	10.44	1823.	55.	0.
1878	0000	-799	37.1088	81.1022	CHK-2	1.0	2.8	10.3 ++	2.81	0.28	10.22	1827.	55.	0.
1879	0000	-798	37.1088	81.1028	CHK-2	1.0	2.8	10.0 ++	2.80	0.28	10.01	1796.	55.	0.
1880	0000	-799	37.1087	81.1034	CHK-2	0.9	2.9	9.6 +	3.05	0.30	10.15	1771.	56.	0.
1881	0000	-799	37.1087	81.1041	CHK-2	0.9	2.9	9.2 +	3.17	0.31	10.17	1725.	56.	0.
1882	0000	-799	37.1087	81.1047	CHK-2	1.0	2.6	8.6 +	2.65	0.31	8.67	1715.	56.	1.
1883	0000	-800	37.1086	81.1054	CHK-2	1.2	2.5	7.8	2.18	0.32	6.79	1728.	58.	1.
1884	0000	-799	37.1086	81.1060	CHK-2	1.3	2.5	7.6	1.88	0.33	5.73	1748.	59.	1.
1885	0000	-801	37.1086	81.1066	CHK-2	1.5	2.6	7.4	1.70	0.34	4.94	1819.	58.	1.
1886	0000	-802	37.1086	81.1073	CHK-2	1.7	2.7	6.9	1.62	0.39	4.11	1895.	57.	1.
1887	0000	-800	37.1086	81.1079	MPR-1	1.9 +	2.8	7.1	1.46	0.39 +	3.75 -	1985.	56.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-803	37.1086	81.1085	MPR-1	2.1 +	2.7	7.5	1.30 -	0.36 +	3.60 -	2083.	55.	1.
1889	0000	-804	37.1085	81.1092	MPR-1	2.1 +	2.8 +	7.5	1.32 -	0.37 +	3.53 -	2132.	57.	1.
1890	0000	-803	37.1085	81.1098	MPR-1	2.1 +	2.8 +	8.0	1.36 -	0.35	3.83 -	2143.	57.	1.
1891	0000	-804	37.1085	81.1104	MPR-1	2.0 +	2.8	7.9	1.35 -	0.35	3.90 -	2131.	56.	1.
1892	0000	-805	37.1085	81.1110	MPR-1	2.0 +	2.5	8.3	1.30 -	0.31	4.21 -	2074.	56.	1.
1893	0000	-804	37.1085	81.1117	MPR-1	1.8 +	2.3	8.6	1.26 -	0.27	4.70 -	2011.	55.	2.
1894	0000	-805	37.1085	81.1124	MPR-1	1.7 +	2.1	8.4	1.26 -	0.25	4.97 -	1920.	54.	2.
1895	0000	-805	37.1084	81.1130	MPR-1	1.5 +	2.2	8.1	1.46	0.27	5.41	1795.	57.	2.
1896	0000	-804	37.1084	81.1137	MPR-1	1.3	2.0	8.1	1.53	0.25	6.05	1682.	57.	2.
1897	0000	-804	37.1084	81.1143	MPR-1	1.3	2.0	7.6	1.52	0.26	5.76	1613.	56.	2.
1898	0000	-804	37.1084	81.1149	MPR-1	1.2	2.1	7.1	1.71	0.29	5.87	1571.	56.	1.
1899	0000	-806	37.1084	81.1155	MPR-1	1.2	2.2	6.8	1.83	0.32	5.71	1555.	56.	1.
1900	0000	-806	37.1084	81.1162	MPR-1	1.2	2.2	6.8	1.80	0.32	5.66	1552.	59.	1.
1901	0000	-805	37.1084	81.1168	MPR-1	1.2	2.4	6.8	2.01	0.35	5.73	1564.	61.	0.
1902	0000	-806	37.1083	81.1174	MPR-1	1.2	2.4	6.9	2.03	0.35	5.81	1609.	59.	0.
1903	0000	-808	37.1083	81.1181	MPR-1	1.2	2.5	7.0	2.01	0.35	5.71	1675.	60.	0.
1904	0000	-806	37.1083	81.1187	MPR-1	1.2	2.4	7.7	1.95	0.31	6.23	1711.	61.	0.
1905	0000	-806	37.1082	81.1194	MPR-1	1.3	2.4	8.3	1.95	0.29	6.64	1743.	61.	0.
1906	0000	-808	37.1082	81.1199	MPR-1	1.2	2.3	8.7	1.96	0.27	7.25	1756.	61.	0.
1907	0000	-807	37.1082	81.1206	MPR-1	1.1	2.5	8.8	2.16	0.28	7.78	1781.	59.	0.
1908	0000	-806	37.1082	81.1212	MPR-1	1.1	2.3	9.4	2.09	0.24	8.64	1791.	60.	0.
1909	0000	-808	37.1082	81.1219	MPR-1	1.1	2.3	9.7	2.03	0.23	8.70	1801.	58.	0.
1910	0000	-809	37.1082	81.1225	MPR-1	1.1	2.2	9.6	2.04	0.23	8.94	1785.	54.	1.
1911	0000	-807	37.1081	81.1232	MPR-1	1.0	2.4	10.0	2.32	0.24	9.63	1803.	53.	1.
1912	0000	-808	37.1081	81.1238	MPR-1	1.0	2.5	10.2	2.49	0.24	10.29	1816.	53.	1.
1913	0000	-810	37.1081	81.1245	MPR-1	1.0	2.7	10.2	2.67	0.26	10.23	1823.	55.	1.
1914	0000	-808	37.1080	81.1250	MPR-1	1.0	2.5	10.4 +	2.47	0.24	10.17	1812.	54.	1.
1915	0000	-806	37.1080	81.1257	MPR-1	1.1	2.6	10.2	2.34	0.26	9.17	1818.	53.	1.
1916	0000	-808	37.1080	81.1263	MPR-1	1.1	2.7	9.9	2.43	0.27	8.87	1828.	55.	2.
1917	0000	-810	37.1080	81.1270	MPR-1	1.2	3.0 +	9.8	2.45	0.30	8.11	1872.	59.	2.
1918	0000	-808	37.1080	81.1277	MPR-1	1.3	2.7	9.6	2.10	0.28	7.41	1905.	58.	3.
1919	0000	-807	37.1080	81.1283	MPR-1	1.4 +	2.6	9.7	1.88	0.27	7.05	1947.	58.	4.
1920	0000	-807	37.1079	81.1289	MPR-1	1.4 +	2.3	10.0	1.58	0.23	6.95	1983.	56.	5.
1921	0000	-807	37.1079	81.1295	MPR-1	1.5 +	2.2	10.2	1.47	0.22	6.77	2016.	56.	6.
1922	0000	-807	37.1079	81.1302	MPR-1	1.4 +	2.3	10.1	1.59	0.23	6.97	2035.	56.	6.
1923	0000	-807	37.1079	81.1308	MPR-1	1.4 +	2.0	10.7 +	1.40 -	0.19 -	7.41	2031.	54.	6.
1924	0000	-808	37.1079	81.1314	MPR-1	1.4 +	1.9	11.0 +	1.34 -	0.17 -	7.82	2016.	52.	7.
1925	0000	-809	37.1079	81.1321	MPR-1	1.3	2.0	11.1 +	1.50	0.18 -	8.32	2008.	53.	7.
1926	0000	-809	37.1078	81.1327	MPR-1	1.4 +	2.1	10.9 +	1.46	0.19 -	7.75	2005.	54.	6.
1927	0000	-810	37.1078	81.1334	MPR-1	1.4 +	2.1	10.7 +	1.49	0.20 -	7.50	2001.	55.	6.
1928	0000	-811	37.1078	81.1340	MPR-1	1.4	2.7	10.3	1.96	0.26	7.62	1982.	54.	5.
1929	0000	-810	37.1077	81.1346	MPR-1	1.4 +	2.5	10.0	1.73	0.25	6.90	1950.	55.	5.
1930	0000	-811	37.1077	81.1352	MPR-1	1.5 +	2.5	9.6	1.74	0.26	6.58	1919.	55.	5.
1931	0000	-811	37.1077	81.1359	MPR-1	1.4 +	2.5	9.0	1.78	0.28	6.44	1859.	55.	4.
1932	0000	-810	37.1077	81.1366	MPR-1	1.4 +	2.4	9.0	1.78	0.27	6.59	1784.	55.	3.
1933	0000	-812	37.1077	81.1372	MPR-1	1.3	2.3	9.1	1.79	0.25	7.14	1703.	53.	3.
1934	0000	-812	37.1077	81.1378	MPR-1	1.2	2.5	9.2	2.10	0.27	7.86	1648.	52.	2.
1935	0000	-810	37.1076	81.1385	MPR-1	1.2	2.0	9.4	1.68	0.21	8.04	1624.	52.	2.
1936	0000	-810	37.1076	81.1390	MPR-1	1.0	1.8	9.6	1.72	0.19 -	9.25	1603.	50.	1.
1937	0000	-809	37.1076	81.1397	MPR-1	1.0	1.9	9.6	1.96	0.19 -	10.10	1591.	53.	1.
1938	0000	-810	37.1076	81.1403	MPR-1	0.9	1.9	9.7	2.16	0.20 -	10.71	1577.	55.	2.

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FLIGHT LINE 220, DAY 293

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-811	37.1076	81.1410	MPR-1	0.8	1.9	9.3	2.33	0.21	11.17	1568.	55.	3.
1940	0000	-810	37.1076	81.1416	MPR-1	0.8	2.2	9.5	2.97	0.23	12.71	1616.	57.	3.
1941	0000	-810	37.1076	81.1423	MPR-1	0.7	2.2	9.8	3.02	0.22	13.45	1707.	59.	4.
1942	0000	-809	37.1075	81.1429	MPR-1	0.8	2.5	10.4 +	3.27	0.24	13.81	1844.	60.	6.
1943	0000	-809	37.1075	81.1436	MPR-1	0.8	2.7	11.4 +	3.41	0.24	14.15 +	1991.	60.	6.
1944	0000	-812	37.1075	81.1441	MPR-1	0.9	3.1 +	12.7 +	3.59	0.24	14.75 +	2139.	61.	7.
1945	0000	-813	37.1075	81.1448	MPR-1	0.8	3.4 +	14.1 +	4.00 +	0.24	16.62 +	2297.	61.	6.
1946	0000	-812	37.1075	81.1454	MPR-1	0.8	3.7 ++	14.7 +	4.42 +	0.25	17.42 +	2412.	63.	5.
1947	0000	-811	37.1075	81.1460	MPR-1	0.8	3.7 ++	15.4 ++	4.43 +	0.24	18.29 +	2453.	63.	4.
1948	0000	-811	37.1074	81.1467	MPR-1	0.8	3.6 ++	16.2 ++	4.25 +	0.22	19.22 +	2435.	63.	3.
1949	0000	-810	37.1074	81.1474	MPR-1	0.7	3.8 ++	16.2 ++	5.25 +	0.24	22.29 +	2383.	65.	1.
1950	0000	-811	37.1074	81.1480	MPR-1	0.6	4.1 ++	16.3 ++	6.62 ++	0.25	26.48 ++	2341.	64.	1.
1951	0000	-812	37.1073	81.1486	MPR-1	0.5 -	4.1 ++	15.9 ++	7.84 ++	0.25	30.76 ++	2311.	62.	0.
1952	0000	-809	37.1073	81.1492	MPR-1	0.5 -	3.9 ++	15.7 ++	7.52 ++	0.25	30.31 ++	2289.	60.	0.
1953	0000	-809	37.1073	81.1499	MPR-1	0.5 -	3.8 ++	16.5 ++	7.26 ++	0.23	31.52 ++	2316.	59.	0.
1954	0000	-812	37.1073	81.1505	MPR-1	0.6	3.9 ++	16.5 ++	6.91 ++	0.24	29.33 ++	2364.	60.	0.
1955	0000	-813	37.1073	81.1511	MPR-1	0.6	4.1 ++	16.6 ++	6.92 ++	0.25	27.89 ++	2392.	61.	0.
1956	0000	-810	37.1073	81.1518	MPR-1	0.6	4.0 ++	16.9 ++	6.36 ++	0.24	26.88 ++	2415.	60.	0.
1957	0000	-811	37.1072	81.1524	MPR-1	0.7	3.8 ++	16.6 ++	5.49 +	0.23	23.96 ++	2410.	61.	0.
1958	0000	-814	37.1072	81.1531	DCH	0.7	3.6 ++	16.4 ++	4.94 +	0.22	22.65 ++	2350.	63.	0.
1959	0000	-813	37.1072	81.1537	DCH	0.8	3.4 ++	16.7 +++	4.51 +	0.21	21.93 ++	2303.	62.	0.
1960	0000	-811	37.1072	81.1543	DCH	0.8	3.4 ++	15.7 ++	4.27 +	0.21	19.96 ++	2248.	60.	0.
1961	0000	-811	37.1072	81.1550	DCH	0.8	3.2 +	16.1 ++	4.18 +	0.20	21.12 ++	2200.	60.	0.
1962	0000	-812	37.1072	81.1556	DCH	0.7	3.2 +	15.5 ++	4.49 +	0.21	21.78 ++	2181.	59.	0.
1963	0000	-813	37.1071	81.1563	DCH	0.7	3.0 +	15.7 ++	4.17 +	0.19	21.60 ++	2161.	59.	0.
1964	0000	-813	37.1071	81.1569	DCH	0.6	3.2 +	15.6 ++	4.97 +	0.21	24.16 ++	2170.	59.	0.
1965	0000	-811	37.1071	81.1575	DCH	0.6	3.4 ++	15.9 ++	5.41 ++	0.21	25.50 ++	2229.	58.	0.
1966	0000	-808	37.1070	81.1581	DCH	0.6 -	3.6 ++	15.9 ++	6.16 ++	0.22	27.47 +++	2266.	59.	0.
1967	0000	-810	37.1070	81.1588	DCH	0.5 -	3.7 ++	16.4 ++	6.81 ++	0.23	30.14 +++	2305.	62.	0.
1968	0000	-810	37.1070	81.1594	DCH	0.5 -	3.8 ++	16.1 ++	7.20 ++	0.24	30.28 +++	2336.	60.	0.
1969	0000	-809	37.1070	81.1600	DCH	0.5 -	3.8 ++	16.7 +++	7.23 ++	0.23	31.49 +++	2383.	61.	0.
1970	0000	-810	37.1070	81.1607	DCH	0.5 -	4.1 +++	16.2 ++	7.63 ++	0.25	30.09 +++	2391.	61.	0.
1971	0000	-809	37.1070	81.1613	DCH	0.6	4.2 +++	16.4 ++	7.08 ++	0.26	27.39 +++	2395.	60.	0.
1972	0000	-808	37.1069	81.1620	DCH	0.6	4.3 +++	16.4 ++	6.89 ++	0.26	26.46 +++	2389.	61.	0.
1973	0000	-809	37.1069	81.1626	DCH	0.7	4.2 +++	17.0 +++	6.18 ++	0.25	24.79 ++	2416.	59.	0.
1974	0000	-808	37.1069	81.1632	DCH	0.7	4.1 +++	17.2 +++	5.42 ++	0.24	23.03 ++	2438.	58.	0.
1975	0000	-807	37.1069	81.1639	DCH	0.8	4.2 +++	17.2 +++	4.98 +	0.24	20.56 ++	2466.	60.	0.
1976	0000	-810	37.1069	81.1645	DCH	0.9	4.2 +++	17.1 +++	4.82 +	0.24	19.74 ++	2440.	59.	0.
1977	0000	-809	37.1069	81.1651	DCH	0.9	4.0 ++	17.4 +++	4.48 +	0.23	19.77 ++	2424.	58.	0.
1978	0000	-806	37.1068	81.1658	DCH	0.9	3.7 ++	17.6 +++	4.29 +	0.21	20.20 ++	2424.	59.	0.
1979	0000	-807	37.1068	81.1664	DCH	0.9	3.5 ++	17.6 +++	3.79 +	0.20	19.24 ++	2414.	58.	0.
1980	0000	-807	37.1068	81.1671	DCH	0.9	3.5 ++	16.6 +++	3.96 +	0.21	18.72 ++	2390.	59.	0.
1981	0000	-805	37.1068	81.1676	DCH	0.8	3.7 ++	15.6 ++	4.39 +	0.24	18.64 ++	2359.	60.	0.
1982	0000	-805	37.1068	81.1682	DCH	0.7	3.5 ++	15.5 ++	4.68 +	0.22	20.80 ++	2284.	58.	0.
1983	0000	-805	37.1068	81.1688	DCH	0.7	3.3 +	14.8 ++	4.52 +	0.23	19.93 ++	2238.	58.	0.
1984	0000	-805	37.1068	81.1694	DCH	0.7	3.3 +	14.1 ++	4.40 +	0.23	19.09 ++	2200.	60.	1.
1985	0000	-805	37.1068	81.1699	DCH	0.8	2.9 +	13.5 +	3.66 +	0.22	16.88 +	2137.	61.	2.
1986	0000	-805	37.1068	81.1705	DCH	0.8	2.9 +	12.4 +	3.72 +	0.24	15.75 +	2064.	61.	3.
1987	0000	-806	37.1068	81.1711	DCH	0.8	2.6	12.4 +	3.14	0.21	15.14 +	1998.	62.	4.
1988	0000	-805	37.1068	81.1716	DCH	0.9	2.3	12.0 +	2.68	0.20	13.71 +	1924.	62.	4.
1989	0000	-803	37.1068	81.1722	DCH	0.9	2.1	11.2 +	2.35	0.19 -	12.34	1846.	65.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-805	37.1068	81.1728	DCH	0.9	2.3	10.5	2.58	0.21	12.03	1789.	66.	4.
1991	0000	-806	37.1068	81.1733	DCH	0.9	2.2	10.4	2.53	0.21	12.28	1729.	63.	3.
1992	0000	-805	37.1068	81.1739	DCH	0.8	2.3	10.1	2.92	0.23	12.72 +	1693.	64.	2.
1993	0000	-806	37.1069	81.1745	DCH	0.8	2.3	10.4	3.03	0.22	13.58 +	1672.	64.	1.
1994	0000	-802	37.1069	81.1751	DCH	0.7	2.2	9.9	2.99	0.22	13.34 +	1631.	63.	1.
1995	0000	-801	37.1069	81.1756	DCH	0.7	2.0	9.9	2.80	0.21	13.58 +	1586.	61.	1.
1996	0000	-803	37.1069	81.1761	DCH	0.7	2.2	9.6	3.07	0.23	13.54 +	1600.	58.	1.
1997	0000	-802	37.1068	81.1767	DCH	0.8	2.0	9.3	2.69	0.22	12.32	1595.	54.	1.
1998	0000	-800	37.1068	81.1772	DCH	0.8	2.2	9.2	2.90	0.25	11.85	1600.	55.	1.
1999	0000	-801	37.1068	81.1779	DCH	0.8	2.2	9.2	2.83	0.24	11.87	1588.	54.	1.
2000	0000	-800	37.1068	81.1784	DB-2	0.8 -	2.2	8.7	2.96 +	0.26	11.60 +	1568.	55.	1.
2001	0000	-800	37.1068	81.1790	DB-2	0.7 -	2.4	8.8	3.44 +	0.27	12.61 +	1561.	54.	0.
2002	0000	-800	37.1068	81.1795	DB-2	0.6 -	2.7	8.9	4.09 ++	0.30	13.67 ++	1557.	54.	0.
2003	0000	-801	37.1068	81.1801	DB-2	0.6 -	2.8 +	9.0	4.57 ++	0.31	14.57 ++	1529.	55.	0.
2004	0000	-799	37.1068	81.1806	DB-2	0.5 -	2.8 +	9.3	5.18 ++	0.31	16.86 +++	1488.	61.	0.
2005	0000	-798	37.1069	81.1812	DB-2	0.5 -	2.8 +	9.1	5.51 ++	0.31	17.88 +++	1451.	61.	0.
2006	0000	-799	37.1069	81.1818	DB-2	0.5 -	2.8 +	8.7	5.83 +++	0.32	18.02 +++	1421.	60.	0.
2007	0000	-799	37.1069	81.1824	DB-2	0.5 -	2.6	8.2	5.18 ++	0.32	16.22 ++	1375.	59.	0.
2008	0000	-798	37.1069	81.1829	DB-2	0.5 -	2.7 +	7.4	5.53 ++	0.37 +	15.06 ++	1321.	58.	0.
2009	0000	-800	37.1069	81.1834	DB-2	0.5 -	2.4	7.0	4.78 ++	0.35 +	13.71 ++	1274.	58.	0.
2010	0000	-799	37.1069	81.1840	DB-2	0.5 -	2.2	6.7	4.22 ++	0.33	12.96 ++	1235.	55.	0.
2011	0000	-797	37.1069	81.1846	DB-2	0.5 -	2.1	6.0 -	4.30 ++	0.35 +	12.14 +	1198.	54.	0.
2012	0000	-798	37.1069	81.1852	DB-2	0.5 -	2.0	5.7 -	4.24 ++	0.35 +	12.07 +	1152.	52.	1.
2013	0000	-798	37.1069	81.1857	DB-2	0.5 -	1.8	5.3 -	3.87 +	0.35 +	11.21 +	1097.	53.	2.
2014	0000	-798	37.1069	81.1863	DB-2	0.4 -	1.8	5.3 -	4.33 ++	0.34 +	12.65 ++	1068.	56.	2.
2015	0000	-798	37.1069	81.1869	DB-2	0.4 -	1.5 -	5.2 -	3.58 +	0.29	11.97 +	1043.	58.	4.
2016	0000	-795	37.1069	81.1874	DB-2	0.4 -	1.3 -	5.3 -	3.07 +	0.25	12.43 +	1030.	57.	5.
2017	0000	-793	37.1069	81.1880	DB-2	0.4 --	1.4 -	5.3 -	3.45 +	0.26	13.55 ++	1001.	59.	5.
2018	0000	-795	37.1069	81.1885	DB-2	0.4 --	1.3 -	5.4 -	3.26 +	0.24	13.80 ++	999.	59.	6.
2019	0000	-793	37.1069	81.1891	DB-2	0.4 -	1.2 -	5.5 -	2.79 +	0.21	12.96 ++	1002.	60.	5.
2020	0000	-792	37.1069	81.1897	DB-2	0.4 -	1.1 --	5.8 -	2.58	0.19 -	13.77 ++	1017.	59.	5.
2021	0000	-795	37.1069	81.1902	DB-2	0.5 -	1.0 --	6.0 -	2.22	0.17 -	13.03 ++	1050.	58.	5.
2022	0000	-795	37.1069	81.1908	DB-2	0.5 -	1.1 -	6.5 -	2.30	0.17 -	13.57 ++	1083.	57.	4.
2023	0000	-793	37.1069	81.1914	DB-2	0.5 -	1.3 -	6.4 -	2.57	0.20	12.95 ++	1111.	59.	4.
2024	0000	-792	37.1069	81.1919	DB-2	0.6 -	1.1 -	6.7	1.92	0.16 -	11.68 +	1171.	59.	4.
2025	0000	-790	37.1069	81.1925	DB-2	0.6 -	1.0 --	7.0	1.54	0.14 --	11.17 +	1204.	61.	4.
2026	0000	-789	37.1069	81.1931	DB-2	0.6 -	1.0 --	6.9	1.59	0.15 --	10.61 +	1219.	61.	5.
2027	0000	-787	37.1069	81.1936	DB-2	0.7 -	1.0 --	6.9	1.44	0.14 --	10.34 +	1215.	62.	6.
2028	0000	-786	37.1070	81.1942	DB-2	0.7 -	0.9 --	6.7	1.42	0.14 --	10.20 +	1184.	61.	6.
2029	0000	-787	37.1070	81.1948	DB-2	0.6 -	1.0 --	6.2 -	1.59	0.16 -	9.89 +	1149.	61.	7.
2030	0000	-787	37.1070	81.1953	DB-2	0.6 -	1.0 --	6.1 -	1.69	0.17 -	10.23 +	1114.	60.	7.
2031	0000	-785	37.1070	81.1958	DB-2	0.6 -	1.1 --	5.9 -	1.91	0.18 -	10.51 +	1064.	61.	7.
2032	0000	-787	37.1070	81.1964	DB-2	0.5 -	1.2 -	5.7 -	2.37	0.22	10.88 +	1034.	58.	6.
2033	0000	-788	37.1070	81.1970	DB-2	0.5 -	1.2 -	6.1 -	2.18	0.19 -	11.51 +	1032.	59.	5.
2034	0000	-787	37.1070	81.1976	DB-2	0.5 -	1.3 -	6.1 -	2.52	0.22	11.42 +	1058.	58.	4.
2035	0000	-786	37.1070	81.1981	DB-2	0.6 -	1.6 -	6.0 -	2.83 +	0.27	10.76 +	1084.	58.	2.
2036	0000	-783	37.1070	81.1987	DB-2	0.6 -	1.6	6.2 -	2.61	0.27	9.82 +	1123.	56.	1.
2037	0000	-782	37.1070	81.1992	DB-2	0.7 -	1.7	6.3 -	2.51	0.27	9.29	1167.	58.	1.
2038	0000	-783	37.1070	81.1998	DB-2	0.8 -	1.7	6.6 -	2.27	0.26	8.68	1229.	54.	0.
2039	0000	-783	37.1070	81.2004	DB-2	0.8	2.0	6.6 -	2.50	0.30	8.24	1280.	54.	0.
2040	0000	-783	37.1070	81.2010	DB-2	0.8	2.3	6.5 -	2.75 +	0.35 +	7.86	1329.	52.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-783	37.1070	81.2015	DB-2	0.8	2.6	6.8	3.05 +	0.38 -	8.05	1387.	53.	0.
2042	0000	-782	37.1070	81.2021	DB-2	0.8	2.9 +	7.6	3.44 +	0.38 -	8.11	1466.	53.	0.
2043	0000	-783	37.1070	81.2027	DB-2	0.9	2.9 +	9.0	3.31 +	0.32	10.40 +	1568.	56.	1.
2044	0000	-784	37.1070	81.2032	DB-2	0.9	3.2 +	9.7 +	3.57 +	0.33	10.81 +	1665.	54.	1.
2045	0000	-783	37.1070	81.2038	DB-2	0.9	3.2 ++	9.7 +	3.66 +	0.33	11.14 +	1704.	56.	2.
2046	0000	-783	37.1070	81.2043	DB-2	1.0	3.0 +	9.9 +	3.13 +	0.30	10.42 +	1730.	55.	2.
2047	0000	-782	37.1070	81.2049	DB-2	1.0	2.6	9.9 +	2.72 +	0.27	10.12 +	1724.	57.	3.
2048	0000	-781	37.1070	81.2055	DB-2	1.0	2.3	9.8 +	2.37	0.24	9.87 +	1695.	58.	3.
2049	0000	-781	37.1070	81.2061	DB-2	1.0	2.1	9.2	2.04	0.23	9.04	1641.	59.	3.
2050	0000	-776	37.1070	81.2066	DB-2	1.0	2.0	7.9	2.01	0.25	7.92	1537.	58.	3.
2051	0000	-774	37.1071	81.2072	DB-2	0.9	1.5 -	7.3	1.63	0.21	7.76	1427.	56.	3.
2052	0000	-779	37.1071	81.2077	DB-2	0.9	1.4 -	7.1	1.58	0.20	7.96	1349.	57.	3.
2053	0000	-779	37.1071	81.2083	DB-2	0.8 -	1.4 -	6.7	1.77	0.21	8.43	1290.	59.	3.
2054	0000	-776	37.1071	81.2088	DB-2	0.8 -	1.6 -	6.6 -	2.06	0.24	8.57	1278.	58.	2.
2055	0000	-775	37.1071	81.2094	DB-2	0.8 -	1.5 -	6.6 -	1.87	0.22	8.43	1269.	57.	2.
2056	0000	-775	37.1071	81.2100	DB-2	0.8 -	1.2 -	6.7 -	1.51	0.18 -	8.38	1281.	57.	2.
2057	0000	-776	37.1071	81.2106	DB-2	0.8	1.4 -	6.8	1.63	0.20	8.12	1316.	58.	2.
2058	0000	-775	37.1071	81.2111	DB-2	0.9	1.5 -	6.8	1.76	0.23	7.80	1348.	61.	1.
2059	0000	-774	37.1071	81.2116	DB-2	0.9	1.6	7.2	1.76	0.23	7.80	1382.	61.	1.
2060	0000	-774	37.1071	81.2122	DB-2	1.0	1.5 -	7.6	1.55	0.20	7.63	1449.	60.	1.
2061	0000	-773	37.1071	81.2128	DB-2	1.0	1.4 -	7.8	1.37	0.18 -	7.56	1498.	61.	1.
2062	0000	-773	37.1071	81.2134	DB-2	1.1	1.8	8.0	1.67	0.22	7.42	1570.	60.	0.
2063	0000	-772	37.1071	81.2139	DB-2	1.2	1.9	8.5	1.60	0.22	7.31	1633.	59.	1.
2064	0000	-771	37.1071	81.2145	DB-2	1.2	1.9	8.8	1.59	0.21	7.46	1697.	59.	1.
2065	0000	-770	37.1071	81.2150	DB-2	1.2	2.2	9.1	1.77	0.24	7.40	1777.	56.	1.
2066	0000	-770	37.1071	81.2155	DB-2	1.3	2.4	8.8	1.92	0.28	6.97	1835.	55.	2.
2067	0000	-767	37.1071	81.2162	DB-2	1.3	2.5	8.8	1.92	0.28	6.78	1857.	55.	2.
2068	0000	-767	37.1071	81.2168	DB-2	1.3	2.7	8.9	2.05	0.30	6.83	1861.	55.	1.
2069	0000	-768	37.1071	81.2173	DB-2	1.3	2.5	8.9	1.88	0.28	6.76	1865.	56.	1.
2070	0000	-767	37.1071	81.2179	DB-2	1.2	2.7 +	8.6	2.17	0.32	6.86	1851.	55.	0.
2071	0000	-763	37.1071	81.2185	DB-2	1.3	2.7 +	8.9	2.19	0.31	7.08	1841.	53.	0.
2072	0000	-761	37.1071	81.2189	DB-2	1.3	2.6	8.7	2.05	0.30	6.87	1840.	54.	0.
2073	0000	-762	37.1071	81.2195	DB-2	1.3	2.4	8.7	1.85	0.28	6.70	1840.	55.	0.
2074	0000	-763	37.1072	81.2201	DB-2	1.3	2.2	9.2	1.69	0.24	7.04	1838.	53.	0.
2075	0000	-762	37.1072	81.2207	DB-2	1.3	2.2	9.1	1.65	0.24	6.88	1839.	52.	0.
2076	0000	-761	37.1072	81.2212	DB-2	1.3	2.2	8.7	1.70	0.25	6.83	1817.	54.	0.
2077	0000	-760	37.1072	81.2218	DB-2	1.3	2.1	8.4	1.55	0.25	6.34	1819.	56.	0.
2078	0000	-757	37.1072	81.2224	DB-2	1.3	2.0	8.0	1.47	0.24	6.03	1813.	57.	1.
2079	0000	-756	37.1072	81.2229	DB-2	1.3	1.7	8.2	1.27 -	0.21	6.13	1794.	57.	2.
2080	0000	-758	37.1072	81.2235	DB-2	1.3	1.8	8.4	1.32	0.21	6.27	1794.	56.	3.
2081	0000	-758	37.1072	81.2240	DB-2	1.3	2.1	7.8	1.64	0.26	6.22	1779.	58.	3.
2082	0000	-757	37.1072	81.2246	DB-2	1.2	2.1	7.7	1.70	0.27	6.29	1768.	59.	4.
2083	0000	-756	37.1072	81.2252	DB-2	1.2	2.1	7.8	1.77	0.27	6.49	1763.	57.	5.
2084	0000	-755	37.1072	81.2258	DB-2	1.2	2.2	8.2	1.88	0.27	6.99	1755.	53.	5.
2085	0000	-754	37.1072	81.2263	DB-2	1.1	2.3	8.1	2.05	0.28	7.34	1719.	52.	5.
2086	0000	-752	37.1072	81.2269	DB-2	1.1	2.3	7.7	2.21	0.30	7.28	1673.	53.	4.
2087	0000	-752	37.1072	81.2274	DB-2	1.0	2.3	7.4	2.34	0.31	7.54	1636.	52.	4.
2088	0000	-752	37.1072	81.2279	DB-2	1.0	2.1	7.2	1.98	0.29	6.91	1619.	52.	4.
2089	0000	-751	37.1072	81.2283	DB-2	1.1	2.1	7.2	2.00	0.29	6.83	1618.	50.	3.
2090	0000	-751	37.1072	81.2290	DB-2	1.0	2.1	7.1	2.01	0.30	6.76	1612.	50.	2.
2091	0000	-750	37.1072	81.2294	DB-2	1.1	1.9	6.8	1.82	0.28	6.47	1568.	51.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-749	37.1072	81.2299	DLMU-1	1.0 +	1.9	6.4 +	1.87	0.30	6.28	1521.	51.	2.
2093	0000	-748	37.1072	81.2304	DLMU-1	0.9 +	1.9	6.1 +	2.06	0.32	6.50	1458.	51.	1.
2094	0000	-747	37.1072	81.2309	DLMU-1	0.9 +	1.9	5.7 +	2.19	0.33	6.51	1385.	52.	1.
2095	0000	-747	37.1072	81.2315	DLMU-1	0.8	1.8	5.7 +	2.32	0.32	7.20	1319.	52.	0.
2096	0000	-747	37.1072	81.2320	DLMU-1	0.8	1.8	5.4	2.41	0.34	7.09	1258.	54.	0.
2097	0000	-746	37.1072	81.2325	DLMU-1	0.8	1.7	5.2	2.21	0.32	6.89	1222.	54.	1.
2098	0000	-746	37.1073	81.2330	DLMU-1	0.7	1.9	5.0	2.54	0.38	6.76	1225.	54.	1.
2099	0000	-747	37.1073	81.2336	DLMU-1	0.8	1.8	5.6 +	2.31	0.32	7.26	1245.	54.	1.
2100	0000	-747	37.1073	81.2341	DLMU-1	0.8	2.0	5.8 +	2.49	0.34	7.32	1278.	55.	1.
2101	0000	-747	37.1073	81.2346	DLMU-1	0.9 +	1.9	6.0 +	2.18	0.31	6.95	1311.	54.	2.
2102	0000	-748	37.1073	81.2351	DLMU-1	0.9 +	2.1 +	5.7 +	2.32	0.37	6.29	1335.	53.	3.
2103	0000	-747	37.1073	81.2356	DLMU-1	0.9 +	2.0 +	5.5	2.22	0.37	6.08	1331.	52.	5.
2104	0000	-745	37.1073	81.2362	DLMU-1	0.9 +	1.9	5.2	2.21	0.37	6.00 -	1303.	52.	6.
2105	0000	-745	37.1073	81.2367	DLMU-1	0.9 +	1.6	5.1	1.83 -	0.31	5.96 -	1264.	53.	7.
2106	0000	-747	37.1073	81.2372	DLMU-1	0.8 +	1.3	4.9	1.59 -	0.27	5.84 -	1231.	56.	9.
2107	0000	-745	37.1073	81.2377	DLMU-1	0.8 +	1.2	4.4	1.45 -	0.27	5.36 -	1204.	56.	10.
2108	0000	-743	37.1073	81.2382	DLMU-1	0.8	1.2	4.2	1.50 -	0.28	5.37 -	1171.	54.	9.
2109	0000	-745	37.1073	81.2388	DLMU-1	0.7	1.0	4.4	1.49 -	0.23 -	6.46	1118.	54.	8.
2110	0000	-746	37.1073	81.2393	DLMU-1	0.6	1.0	4.4	1.65 -	0.23 -	7.13	1057.	56.	8.
2111	0000	-745	37.1073	81.2398	DLMU-1	0.5	1.3	4.2	2.42	0.30	7.96	1000.	57.	6.
2112	0000	-746	37.1073	81.2403	DLMU-1	0.4	1.4	4.1	3.18	0.35	9.20	949.	55.	5.
2113	0000	-745	37.1073	81.2407	DLMU-1	0.4	1.7	3.4	4.35	0.50	8.65	898.	54.	4.
2114	0000	-743	37.1073	81.2413	DLMU-1	0.4	1.5	3.6	4.05	0.41	9.88	840.	52.	4.
2115	0000	-742	37.1073	81.2419	DLMU-1	0.3	1.6	3.1	4.83	0.50	9.66	794.	54.	4.
2116	0000	-741	37.1073	81.2423	DLMU-1	0.3	1.6	2.7	5.28	0.60 +	8.81	760.	56.	4.
2117	0000	-742	37.1073	81.2428	DLMU-1	0.3	1.7	2.8	6.45 +	0.59 +	10.86	746.	54.	4.
2118	0000	-741	37.1073	81.2434	DLMU-1	0.3	1.5	2.8	5.58	0.51	10.89	727.	54.	4.
2119	0000	-739	37.1073	81.2439	DLMU-1	0.2	1.5	2.7	6.53 +	0.56 +	11.57	705.	56.	4.
2120	0000	-740	37.1073	81.2444	DLMU-1	0.2	1.5	3.0	7.81 +	0.51	15.33	683.	56.	3.
2121	0000	-741	37.1073	81.2450	DLMU-1	0.2 -	1.5	2.9	8.69 +	0.51	17.01 +	671.	56.	3.
2122	0000	-740	37.1074	81.2454	DLMU-1	0.1 -	1.4	3.2	10.55 +	0.43	24.55 ++	643.	55.	3.
2123	0000	-740	37.1074	81.2460	DLMU-1	0.1 -	1.1	3.1	9.05 +	0.36	25.33 +++	614.	56.	5.
2124	0000	-740	37.1074	81.2465	DLMU-1	0.2 -	0.9 -	3.0	5.75	0.29	19.51 +	599.	56.	6.
2125	0000	-739	37.1074	81.2470	DLMU-1	0.2 -	0.9 -	2.8	5.30	0.31	17.19 +	594.	59.	7.
2126	0000	-739	37.1074	81.2475	DLMU-1	0.2	0.7 -	3.0	3.77	0.24 -	15.69 +	605.	57.	7.
2127	0000	-740	37.1074	81.2480	DLMU-1	0.2	0.7 -	3.0	2.94	0.22 -	13.10	621.	58.	9.
2128	0000	-741	37.1074	81.2486	DLMU-1	0.2	0.8 -	2.9	3.71	0.28	13.10	639.	59.	9.
2129	0000	-740	37.1074	81.2491	DLMU-1	0.3	0.8 -	3.2	3.10	0.25	12.26	671.	58.	9.
2130	0000	-739	37.1074	81.2496	DLMU-1	0.3	1.0	3.6	3.60	0.28	12.90	717.	56.	7.
2131	0000	-741	37.1074	81.2501	DLMU-1	0.3	1.2	3.7	4.43	0.32	13.85	739.	59.	6.
2132	0000	-740	37.1074	81.2507	SU	0.3	1.3	4.0	4.65	0.32	14.52	754.	58.	4.
2133	0000	-739	37.1074	81.2512	SU	0.3	1.3	4.0	4.66	0.32	14.34	752.	59.	4.
2134	0000	-741	37.1074	81.2517	SU	0.3	1.3	3.7	4.92	0.36	13.57	754.	60.	2.
2135	0000	-740	37.1074	81.2522	SU	0.3	1.2	3.9	4.01	0.30	13.42	748.	61.	2.
2136	0000	-740	37.1074	81.2527	SU	0.3	1.1	3.9	3.78	0.29	12.85	738.	62.	2.
2137	0000	-743	37.1074	81.2533	SU	0.3	1.0	3.9	3.67	0.26	14.26	721.	64.	2.
2138	0000	-742	37.1074	81.2537	SU	0.3	0.9	3.8	3.33	0.25	13.29	720.	61.	3.
2139	0000	-741	37.1074	81.2542	SU	0.3	0.8	3.7	3.17	0.22	14.47	713.	61.	5.
2140	0000	-743	37.1074	81.2547	SU	0.3	0.7 -	3.7	2.59	0.18 -	14.43	719.	60.	7.
2141	0000	-741	37.1074	81.2553	SU	0.3	0.5 --	4.1	1.91 -	0.12 --	15.94	717.	60.	9.
2142	0000	-741	37.1074	81.2558	SU	0.2	0.5 --	4.2	2.13	0.12 --	17.50	717.	60.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-743	37.1074	81.2563	SU	0.2	0.5 --	4.1	2.17	0.13 --	[illegible] +	726.	61.	12.
2144	0000	-742	37.1074	81.2569	SU	0.2	0.5 -	3.9	2.32	0.14 -	[illegible]	739.	60.	13.
2145	0000	-742	37.1074	81.2574	SU	0.2	0.6 -	4.0	2.65	0.15 -	[illegible]	752.	61.	12.
2146	0000	-742	37.1074	81.2579	SU	0.2	0.7 -	4.0	3.09	0.19 -	[illegible]	764.	60.	12.
2147	0000	-742	37.1074	81.2584	SU	0.2	1.0	3.8	4.43	0.25	16.75	772.	61.	10.
2148	0000	-739	37.1074	81.2589	SU	0.2	1.1	3.6	4.40	0.29	[illegible]	778.	60.	9.
2149	0000	-738	37.1074	81.2594	SU	0.2	1.2	3.5	5.07	0.35	[illegible]	782.	62.	7.
2150	0000	-739	37.1074	81.2599	SU	0.2	1.5	3.5	6.14 +	0.42	14.75	779.	63.	5.
2151	0000	-739	37.1074	81.2605	SU	0.2	1.4	3.7	5.94	0.39	15.06	770.	62.	4.
2152	0000	-740	37.1074	81.2610	SU	0.2	1.3	3.5	5.92	0.38	15.75	752.	61.	4.
2153	0000	-740	37.1074	81.2615	SU	0.2	1.1	3.6	4.82	0.31	15.74	729.	64.	3.
2154	0000	-739	37.1074	81.2620	SU	0.2	1.0	3.6	4.31	0.27	15.78	698.	62.	3.
2155	0000	-739	37.1074	81.2625	SU	0.2	1.0	3.4	4.32	0.29	14.90	672.	62.	3.
2156	0000	-741	37.1074	81.2631	SU	0.2	1.0	3.2	4.71	0.33	14.40	656.	62.	2.
2157	0000	-739	37.1074	81.2636	SU	0.2	0.9	2.8 -	4.10	0.33	12.32	629.	65.	3.
2158	0000	-739	37.1074	81.2641	SU	0.2	0.8	2.8 -	3.27	0.29	11.33	626.	65.	4.
2159	0000	-743	37.1075	81.2646	SU	0.3	0.9	2.9 -	3.27	0.30	10.92	631.	65.	5.
2160	0000	-740	37.1075	81.2652	SU	0.3	0.9	2.9	3.43	0.31	10.94	643.	65.	5.
2161	0000	-738	37.1075	81.2657	SU	0.3	0.9	3.0	3.09	0.29	10.66	665.	68.	6.
2162	0000	-741	37.1075	81.2662	SU	0.3	0.9	3.3	3.15	0.26	12.04	694.	68.	7.
2163	0000	-743	37.1075	81.2667	SU	0.3	0.6 -	3.3	2.07	0.19 -	10.87	715.	68.	8.
2164	0000	-740	37.1075	81.2672	SU	0.3	0.5 --	4.0	1.66 -	0.13 --	11.83	760.	65.	9.
2165	0000	-740	37.1075	81.2677	SU	0.4	0.6 -	4.1	1.67 -	0.15 -	11.40	778.	65.	9.
2166	0000	-741	37.1075	81.2682	OMUU	0.4	0.5 --	4.3	1.38	0.11 --	11.26	797.	64.	9.
2167	0000	-739	37.1075	81.2687	OMUU	0.4	0.5 --	4.3	1.34 -	0.12 --	10.07	820.	63.	9.
2168	0000	-738	37.1075	81.2693	OMUU	0.4	0.6 -	4.5	1.37 -	0.13 --	10.00	842.	63.	8.
2169	0000	-737	37.1075	81.2698	OMUU	0.5	0.5 --	4.5	0.97 -	0.11 --	9.16	850.	64.	8.
2170	0000	-736	37.1075	81.2703	OMUU	0.5	0.6 -	4.7	1.09 -	0.12 --	9.31	875.	65.	7.
2171	0000	-736	37.1075	81.2709	OMUU	0.5	0.7 -	4.5	1.34	0.16 -	8.55	897.	66.	6.
2172	0000	-737	37.1075	81.2713	OMUU	0.6	0.7 -	4.6	1.19 -	0.15 -	8.03	941.	68.	5.
2173	0000	-740	37.1075	81.2719	OMUU	0.6	0.8 -	4.5	1.23 -	0.17 -	7.27	977.	68.	5.
2174	0000	-740	37.1075	81.2724	OMUU	0.7	0.8 -	4.9	1.13 -	0.16 -	7.31	1027.	70.	6.
2175	0000	-736	37.1075	81.2729	OMUU	0.7	0.9 -	5.0	1.28	0.19	6.85	1086.	70.	6.
2176	0000	-737	37.1075	81.2734	OMUU	0.8	1.1	4.9	1.31	0.22	6.05	1158.	66.	6.
2177	0000	-742	37.1075	81.2739	OMUU	0.9	1.1	5.1	1.26 -	0.22	5.78	1228.	67.	7.
2178	0000	-740	37.1075	81.2744	OMUU	1.0	1.2	5.2	1.17 -	0.22	5.24 -	1296.	65.	8.
2179	0000	-737	37.1075	81.2750	OMUU	1.1	1.3	5.6	1.21 -	0.23	5.31 -	1354.	65.	8.
2180	0000	-739	37.1075	81.2755	OMUU	1.2 +	1.4	5.8	1.18 -	0.23	5.04 -	1408.	65.	7.
2181	0000	-740	37.1075	81.2760	OMUU	1.2 +	1.6	6.0	1.30	0.26	4.95 -	1449.	65.	6.
2182	0000	-739	37.1075	81.2765	OMUU	1.3 +	1.4	6.2	1.09 -	0.23	4.79 -	1486.	63.	6.
2183	0000	-739	37.1075	81.2770	OMUU	1.3 +	1.7	6.2	1.29	0.28	4.68 -	1505.	65.	4.
2184	0000	-741	37.1076	81.2776	OMUU	1.4 +	1.8	6.2	1.30	0.28	4.58 -	1527.	64.	3.
2185	0000	-740	37.1076	81.2781	OMUU	1.4 +	1.8	6.5	1.33	0.28	4.81 -	1534.	65.	1.
2186	0000	-738	37.1076	81.2785	OMUU	1.4 +	1.8	6.5	1.32	0.28	4.69 -	1559.	65.	1.
2187	0000	-736	37.1076	81.2791	OMUU	1.4 +	2.0 +	6.4	1.50	0.32	4.72 -	1581.	64.	0.
2188	0000	-736	37.1076	81.2797	OMUU	1.3 +	2.0 +	6.3	1.50	0.31	4.81 -	1593.	63.	1.
2189	0000	-736	37.1076	81.2801	OMUU	1.3 +	2.0 +	6.6	1.58	0.31	5.06 -	1613.	65.	2.
2190	0000	-736	37.1076	81.2806	OMUU	1.3 +	1.7	7.0	1.29	0.24	5.32 -	1640.	63.	3.
2191	0000	-736	37.1076	81.2812	OMUU	1.3 +	1.6	7.1	1.17 -	0.22	5.33 -	1643.	62.	4.
2192	0000	-734	37.1076	81.2817	OMUU	1.3 +	1.4	7.2	1.04 -	0.19	5.42 -	1650.	63.	6.
2193	0000	-734	37.1076	81.2822	OMUU	1.3 +	1.4	7.1	1.09 -	0.20	5.48 -	1638.	61.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-734	37.1076	81.2828	OMUU	1.3 +	1.1	7.5 +	0.84 -	0.14 -	5.89	1627.	61.	7.
2195	0000	-733	37.1076	81.2833	OMUU	1.3 +	0.9 -	7.6 +	0.67 --	0.12 --	5.74 -	1626.	62.	7.
2196	0000	-732	37.1076	81.2837	OMUU	1.2 +	0.9 -	7.5 +	0.76 -	0.12 --	6.06	1602.	62.	6.
2197	0000	-730	37.1076	81.2842	OMUU	1.2 +	1.1	7.5 +	0.94 -	0.15 -	6.27	1584.	65.	5.
2198	0000	-729	37.1076	81.2849	OMUU	1.2	1.3	7.5 +	1.10 -	0.17 -	6.53	1585.	66.	4.
2199	0000	-730	37.1076	81.2853	OMUU	1.1	1.6	7.6 +	1.39	0.21	6.74	1590.	65.	2.
2200	0000	-728	37.1076	81.2858	OMUU	1.1	1.6	7.9 +	1.44	0.20	7.06	1583.	65.	2.
2201	0000	-726	37.1076	81.2863	OMUU	1.1	1.7	7.5 +	1.64	0.23	7.13	1568.	66.	1.
2202	0000	-727	37.1076	81.2868	OMUU	1.0	1.9	7.4	1.83	0.25	7.21	1535.	64.	1.
2203	0000	-725	37.1076	81.2874	OMUU	1.0	2.0 +	7.1	2.04	0.29	7.11	1512.	64.	0.
2204	0000	-724	37.1076	81.2879	OMUU	1.0	1.9	7.4	2.02	0.26	7.75	1486.	62.	0.
2205	0000	-726	37.1076	81.2884	OMUU	0.9	1.9	7.5 +	2.14	0.26	8.26	1455.	61.	0.
2206	0000	-725	37.1076	81.2889	OMUU	0.8	2.0 +	7.2	2.32	0.27	8.52	1415.	62.	1.
2207	0000	-722	37.1076	81.2895	OMUU	0.8	2.1 +	7.1	2.77	0.29	9.39	1390.	63.	1.
2208	0000	-723	37.1076	81.2900	OMUU	0.7	2.1 +	7.2	2.89	0.29	10.10	1370.	62.	2.
2209	0000	-723	37.1077	81.2905	OMUU	0.7	2.0 +	7.2	3.08	0.28	10.82	1367.	63.	3.
2210	0000	-722	37.1077	81.2910	OMUU	0.7	1.8	7.4	2.62	0.24	10.92	1348.	63.	4.
2211	0000	-722	37.1077	81.2915	OMUU	0.6	1.9	6.9	2.97	0.27	10.83	1345.	62.	5.
2212	0000	-724	37.1077	81.2921	OMUU	0.6	1.7	7.0	2.83	0.25	11.30	1330.	66.	6.
2213	0000	-723	37.1077	81.2925	OMUU	0.6	1.7	6.9	2.79	0.24	11.48	1312.	65.	7.
2214	0000	-722	37.1077	81.2931	OMUU	0.6	1.5	6.5	2.36	0.23	10.37	1273.	66.	8.
2215	0000	-723	37.1077	81.2936	OMUU	0.6	1.6	6.0	2.41	0.26	9.26	1232.	68.	9.
2216	0000	-723	37.1077	81.2941	OMUU	0.6	1.5	5.7	2.39	0.27	8.99	1180.	68.	8.
2217	0000	-723	37.1077	81.2947	OMUU	0.6	1.6	5.2	2.77	0.31	8.87	1147.	69.	8.
2218	0000	-721	37.1077	81.2952	OMUU	0.6	1.5	5.1	2.79	0.30	9.35	1096.	68.	7.
2219	0000	-722	37.1077	81.2957	OMUU	0.5	1.5	5.0	2.89	0.31	9.44	1050.	64.	6.
2220	0000	-722	37.1077	81.2962	OKU	0.5	1.4	4.7	2.66	0.29	9.15	1005.	62.	5.
2221	0000	-721	37.1077	81.2968	OKU	0.5	1.5	4.4	3.27	0.35	9.40	986.	60.	4.
2222	0000	-722	37.1077	81.2972	OKU	0.4	1.4	4.6	3.35	0.31	10.83	967.	59.	2.
2223	0000	-722	37.1077	81.2977	OKU	0.4	1.5	4.8	3.70	0.31	11.80	968.	60.	1.
2224	0000	-721	37.1077	81.2982	OKU	0.4	1.5	4.6	3.45	0.33	10.52	975.	58.	1.
2225	0000	-723	37.1077	81.2987	OKU	0.5	1.5	4.5	3.31	0.34	9.69	979.	60.	2.
2226	0000	-723	37.1077	81.2993	OKU	0.5	1.8	4.1	3.94	0.44 +	9.02	995.	60.	2.
2227	0000	-721	37.1077	81.2998	OKU	0.5	1.9	4.3	4.16 +	0.45 +	9.33	1027.	63.	2.
2228	0000	-722	37.1077	81.3003	OKU	0.5	1.9	4.7	3.89	0.39	9.89	1054.	62.	2.
2229	0000	-723	37.1077	81.3008	OKU	0.5	2.1 +	4.9	4.06 +	0.43 +	9.45	1112.	62.	2.
2230	0000	-721	37.1077	81.3014	OKU	0.5	2.0	5.1	3.76	0.40	9.45	1149.	61.	3.
2231	0000	-720	37.1077	81.3019	OKU	0.5	2.1 +	5.5	4.16 +	0.38	10.94	1160.	62.	3.
2232	0000	-723	37.1077	81.3024	OKU	0.5	2.0	5.5	4.08 +	0.37	11.07	1169.	60.	4.
2233	0000	-722	37.1077	81.3029	OKU	0.5	1.7	5.5	3.52	0.32	11.15	1157.	63.	5.
2234	0000	-720	37.1077	81.3034	OKU	0.5	1.6	5.7	3.18	0.27	11.67	1137.	62.	6.
2235	0000	-720	37.1077	81.3040	OKU	0.5	1.5	5.4	3.06	0.28	11.01	1113.	67.	6.
2236	0000	-722	37.1077	81.3045	OKU	0.5	1.3	5.5	2.48	0.23	10.79	1105.	67.	6.
2237	0000	-723	37.1077	81.3050	OKU	0.5	1.3	5.8	2.62	0.22	11.85	1105.	69.	6.
2238	0000	-723	37.1077	81.3055	OKU	0.5	1.3	5.9	2.43	0.22 -	11.24	1130.	67.	6.
2239	0000	-722	37.1077	81.3060	OKU	0.5	1.4	6.2	2.47	0.22	11.27	1162.	67.	5.
2240	0000	-720	37.1077	81.3065	OKU	0.6	1.6	6.5 +	2.69	0.25	10.84	1197.	66.	4.
2241	0000	-719	37.1077	81.3071	OKU	0.6	1.7	6.4	2.64	0.26	10.15	1238.	66.	3.
2242	0000	-724	37.1077	81.3076	OKU	0.7	1.6	6.6 +	2.27	0.24	9.34	1284.	62.	3.
2243	0000	-726	37.1077	81.3081	OKU	0.7	1.8	6.3	2.42	0.28	8.74	1292.	60.	3.
2244	0000	-723	37.1077	81.3085	OKU	0.8	1.9	6.1	2.35	0.31	7.46	1309.	57.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-724	37.1077	81.3092	OKU	0.8	2.0	6.2	2.44	0.33	7.44	1315.	58.	2.
2246	0000	-725	37.1078	81.3097	OKU	0.8	1.9	6.4 +	2.28	0.30	7.67	1314.	60.	2.
2247	0000	-722	37.1078	81.3101	OKU	0.8	2.0	6.9 +	2.49	0.30	8.41	1324.	58.	2.
2248	0000	-721	37.1078	81.3106	OKU	0.8	2.3 +	6.8 +	2.92	0.34	8.57	1318.	58.	1.
2249	0000	-723	37.1078	81.3112	OKU	0.7	2.3 +	7.1 +	3.11	0.32	9.72	1309.	57.	1.
2250	0000	-724	37.1078	81.3117	OMUU	0.7	2.1 +	7.2	3.07	0.30	10.36	1289.	58.	1.
2251	0000	-724	37.1078	81.3122	OMUU	0.6	2.1 +	6.8	3.23	0.30	10.68	1266.	60.	1.
2252	0000	-723	37.1078	81.3127	OMUU	0.6	2.0	7.0	3.18	0.28	11.44	1239.	62.	1.
2253	0000	-723	37.1078	81.3133	OMUU	0.6	2.0 +	6.9	3.53	0.30	11.93	1230.	62.	1.
2254	0000	-725	37.1078	81.3138	OMUU	0.6	1.9	6.6	3.27	0.29	11.46	1203.	63.	1.
2255	0000	-725	37.1078	81.3143	OMUU	0.6	1.8	6.9	3.19	0.26	12.11	1193.	63.	1.
2256	0000	-724	37.1078	81.3148	OMUU	0.6	1.9	6.5	3.47	0.30	11.54	1188.	64.	1.
2257	0000	-726	37.1078	81.3153	OMUU	0.6	2.2 +	6.6	4.02 +	0.34	11.90	1202.	64.	0.
2258	0000	-726	37.1078	81.3158	OMUU	0.5	2.2 +	6.7	4.09 +	0.34	12.21	1216.	65.	1.
2259	0000	-723	37.1078	81.3164	OMUU	0.6	2.3 +	7.0	4.01 +	0.32	12.51 +	1232.	62.	1.
2260	0000	-726	37.1078	81.3169	OMUU	0.6	2.3 +	6.8	3.92 +	0.34	11.64	1255.	63.	3.
2261	0000	-729	37.1078	81.3174	OMUU	0.6	2.2 +	7.1	3.52	0.31	11.33	1291.	63.	3.
2262	0000	-726	37.1078	81.3179	OMUU	0.6	2.1 +	6.7	3.39	0.31	10.87	1323.	64.	4.
2263	0000	-727	37.1078	81.3184	OMUU	0.6	2.0 +	7.3	3.18	0.27	11.56	1353.	65.	4.
2264	0000	-729	37.1078	81.3190	OMUU	0.7	1.7	7.7 +	2.50	0.22	11.28	1380.	64.	5.
2265	0000	-728	37.1078	81.3195	OMUU	0.7	1.7	8.2 +	2.46	0.21	11.62	1399.	63.	5.
2266	0000	-729	37.1078	81.3200	OMUU	0.7	1.7	8.1 +	2.41	0.21	11.28	1425.	63.	4.
2267	0000	-727	37.1078	81.3205	OMUU	0.7	1.8	8.3 +	2.48	0.22	11.41	1429.	62.	4.
2268	0000	-728	37.1078	81.3211	OMUU	0.7	2.1 +	7.9 +	3.04	0.27	11.40	1420.	63.	3.
2269	0000	-732	37.1078	81.3215	OMUU	0.7	2.1 +	8.0 +	3.05	0.27	11.45	1402.	61.	3.
2270	0000	-730	37.1079	81.3221	OMUU	0.7	2.2 +	7.6 +	2.99	0.29	10.25	1389.	58.	2.
2271	0000	-729	37.1079	81.3226	OMUU	0.7	2.3 +	7.3	3.04	0.31	9.75	1361.	59.	1.
2272	0000	-730	37.1079	81.3230	OMUU	0.7	2.3 +	6.9	3.21	0.34	9.47	1346.	59.	1.
2273	0000	-729	37.1079	81.3237	OMUU	0.7	2.4 +	6.6	3.37	0.36	9.28	1330.	57.	1.
2274	0000	-733	37.1079	81.3241	OMUU	0.7	2.3 +	6.2	3.17	0.38 +	8.36	1312.	59.	1.
2275	0000	-734	37.1079	81.3246	OMUU	0.8	2.2 +	6.1	2.96	0.36	8.12	1302.	62.	1.
2276	0000	-730	37.1079	81.3252	OMUU	0.8	2.4 +	5.9	3.02	0.41 +	7.43	1304.	64.	1.
2277	0000	-732	37.1079	81.3257	OMUU	0.7	2.4 +	5.9	3.39	0.41 +	8.34	1278.	64.	1.
2278	0000	-732	37.1079	81.3262	OMUU	0.6	2.4 +	5.5	3.81	0.44 +	8.63	1266.	64.	1.
2279	0000	-731	37.1079	81.3267	OMUU	0.6	2.3 +	5.5	3.73	0.42 +	8.87	1241.	64.	1.
2280	0000	-734	37.1079	81.3272	OMUU	0.7	2.2 +	5.4	3.32	0.41 +	8.19	1226.	66.	2.
2281	0000	-735	37.1078	81.3277	OMUU	0.6	2.1 +	5.9	3.37	0.36	9.30	1201.	65.	2.
2282	0000	-736	37.1078	81.3283	OMUU	0.7	2.0 +	6.0	3.11	0.34	9.20	1187.	61.	2.
2283	0000	-737	37.1079	81.3288	OMUU	0.6	2.0 +	6.5	3.46	0.31	11.24	1161.	61.	2.
2284	0000	-734	37.1079	81.3293	OMUU	0.6	1.9	6.8	3.24	0.28	11.55	1169.	62.	3.
2285	0000	-735	37.1079	81.3298	OMUU	0.6	2.0	7.1	3.28	0.28	11.90	1183.	61.	3.
2286	0000	-737	37.1079	81.3303	OMUU	0.6	2.0	7.2	3.24	0.27	11.91	1186.	62.	3.
2287	0000	-735	37.1079	81.3309	OMUU	0.6	1.8	7.1	3.06	0.26	11.76	1168.	63.	3.
2288	0000	-734	37.1079	81.3314	OMUU	0.6	1.6	6.8	2.77	0.23	11.82	1154.	65.	4.
2289	0000	-736	37.1079	81.3319	OMUU	0.5	1.5	6.8	2.71	0.22	12.49 +	1130.	66.	4.
2290	0000	-738	37.1079	81.3324	OMUU	0.6	1.4	6.6	2.42	0.21	11.67	1121.	65.	4.
2291	0000	-739	37.1079	81.3330	OMUU	0.6	1.4	6.1	2.33	0.23	10.35	1094.	65.	4.
2292	0000	-738	37.1079	81.3335	OMUU	0.6	1.3	6.3	2.03	0.20	10.16	1075.	65.	3.
2293	0000	-738	37.1079	81.3340	OMUU	0.6	1.2	6.4	1.88	0.18 -	10.29	1051.	65.	3.
2294	0000	-738	37.1079	81.3345	OMUU	0.6	1.3	6.2	2.37	0.22	10.86	1039.	64.	3.
2295	0000	-738	37.1080	81.3350	OMUU	0.6	1.5	6.2	2.62	0.25	10.57	1056.	59.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-739	37.1080	81.3355	OMUU	0.6	1.5	6.4	2.70	0.24	11.42	1080.	59.	1.
2297	0000	-739	37.1080	81.3360	OMUU	0.6	1.6	6.6	2.78	0.24	11.73	1092.	58.	1.
2298	0000	-741	37.1080	81.3365	OMUU	0.5	1.6	7.1	2.95	0.22	13.27 +	1100.	58.	1.
2299	0000	-742	37.1079	81.3371	OMUU	0.5	1.5	7.0	2.94	0.22	13.41 +	1105.	60.	2.
2300	0000	-741	37.1079	81.3376	OMUU	0.5	1.6	7.2	3.38	0.23	14.92 +	1138.	58.	3.
2301	0000	-741	37.1079	81.3381	OMUU	0.5	1.6	7.4	3.19	0.22	14.80 +	1168.	55.	4.
2302	0000	-742	37.1079	81.3386	OMUU	0.5	1.6	7.1	3.56	0.23	15.62 +	1175.	58.	5.
2303	0000	-743	37.1079	81.3392	OMUU	0.5	1.5	7.1	2.97	0.21	14.13 +	1175.	57.	6.
2304	0000	-744	37.1079	81.3397	OMUU	0.5	1.5	6.5	2.90	0.23	12.85 +	1179.	58.	7.
2305	0000	-745	37.1079	81.3402	OMUU	0.5	1.6	5.9	3.14	0.26	11.98	1190.	57.	7.
2306	0000	-746	37.1079	81.3407	OMUU	0.5	1.6	5.8	3.14	0.28	11.18	1190.	55.	8.
2307	0000	-746	37.1080	81.3412	OMUU	0.6	1.7	5.4	2.89	0.31	9.27	1203.	55.	7.
2308	0000	-745	37.1080	81.3417	OMUU	0.6	1.8	5.3	2.95	0.33	8.83	1209.	57.	6.
2309	0000	-745	37.1080	81.3422	OMUU	0.7	1.9	5.8	2.77	0.32	8.58	1233.	56.	5.
2310	0000	-746	37.1080	81.3428	OMUU	0.7	2.1 +	5.6	3.11	0.37	8.36	1242.	58.	5.
2311	0000	-746	37.1080	81.3433	OMUU	0.7	1.9	6.4	2.79	0.30	9.38	1266.	59.	5.
2312	0000	-749	37.1080	81.3438	OMUU	0.7	1.8	6.9	2.44	0.26	9.47	1288.	59.	4.
2313	0000	-749	37.1080	81.3443	OMUU	0.7	1.9	7.2	2.64	0.27	9.93	1317.	59.	3.
2314	0000	-747	37.1080	81.3448	OMUU	0.7	1.9	7.5 +	2.64	0.26	10.29	1323.	61.	3.
2315	0000	-747	37.1080	81.3454	OMUU	0.7	1.8	7.8 +	2.61	0.23	11.19	1332.	60.	3.
2316	0000	-747	37.1080	81.3459	OMUU	0.7	1.8	7.9 +	2.68	0.22	11.93	1327.	62.	4.
2317	0000	-748	37.1080	81.3464	OMUU	0.6	1.8	8.1 +	2.90	0.22	13.30 +	1332.	62.	5.
2318	0000	-747	37.1080	81.3468	OMUU	0.6	1.8	7.9 +	3.05	0.23	13.15 +	1325.	62.	5.
2319	0000	-745	37.1080	81.3474	OMUU	0.6	1.7	7.9 +	2.88	0.21	13.41 +	1313.	65.	7.
2320	0000	-744	37.1080	81.3480	OMUU	0.6	1.5	7.6 +	2.57	0.19	13.50 +	1303.	66.	8.
2321	0000	-744	37.1080	81.3487	OMUU	0.6	1.2	7.5 +	2.20	0.17 -	13.24 +	1299.	65.	10.
2322	0000	-746	37.1080	81.3493	OMUU	0.6	1.1	7.6 +	1.94	0.15 -	12.97 +	1304.	69.	10.
2323	0000	-750	37.1080	81.3499	OMUU	0.6	1.2	7.9 +	2.04	0.16 -	13.17 +	1343.	67.	9.
2324	0000	-751	37.1080	81.3505	OMUU	0.7	1.4	8.0 +	2.07	0.18 -	11.60	1392.	67.	8.
2325	0000	-750	37.1080	81.3511	OMUU	0.8	1.3	8.1 +	1.65	0.16 -	10.02	1451.	68.	8.
2326	0000	-750	37.1080	81.3518	OMUU	0.9	1.5	8.6 +	1.77	0.18 -	9.91	1521.	65.	7.
2327	0000	-749	37.1080	81.3523	OMUU	0.9	1.7	8.9 +	1.78	0.19 -	9.58	1571.	64.	7.
2328	0000	-752	37.1080	81.3530	OMUU	1.0	1.9	9.5 ++	1.97	0.20	9.94	1627.	63.	6.
2329	0000	-753	37.1080	81.3536	OMUU	1.0	2.0 +	9.4 ++	1.96	0.21	9.28	1672.	59.	6.
2330	0000	-751	37.1080	81.3542	OMUU	1.0	1.8	9.1 +	1.74	0.19	8.93	1679.	60.	7.
2331	0000	-753	37.1080	81.3548	OMUU	1.1	1.5	8.9 +	1.40	0.17 -	8.29	1675.	58.	9.
2332	0000	-754	37.1080	81.3554	OMUU	1.0	1.7	9.0 +	1.59	0.18 -	8.68	1659.	58.	8.
2333	0000	-752	37.1080	81.3560	OMUU	1.1	1.7	8.7 +	1.56	0.19	8.01	1644.	58.	9.
2334	0000	-753	37.1080	81.3566	OMUU	1.1	1.6	8.4 +	1.45	0.19	7.62	1627.	59.	8.
2335	0000	-755	37.1080	81.3573	OMUU	1.1	1.4	8.2 +	1.28	0.17 -	7.39	1613.	60.	8.
2336	0000	-754	37.1080	81.3579	OMUU	1.2 +	1.5	8.3 +	1.27	0.18 -	7.10	1614.	59.	7.
2337	0000	-752	37.1079	81.3585	OMUU	1.3 +	1.5	8.3 +	1.23 -	0.19 -	6.64	1623.	58.	6.
2338	0000	-753	37.1079	81.3592	OMUU	1.2 +	1.8	8.4 +	1.51	0.22	6.96	1630.	58.	5.
2339	0000	-755	37.1079	81.3597	OMUU	1.2 +	1.8	8.8 +	1.50	0.21	7.33	1636.	57.	5.
2340	0000	-754	37.1079	81.3604	OMUU	1.2 +	1.8	8.7 +	1.51	0.21	7.29	1640.	57.	5.
2341	0000	-753	37.1079	81.3610	OMUU	1.2 +	1.7	8.9 +	1.41	0.19	7.29	1663.	56.	7.
2342	0000	-753	37.1079	81.3616	OMUU	1.3 +	1.8	8.7 +	1.44	0.21	6.85	1670.	54.	8.
2343	0000	-753	37.1079	81.3622	OMUU	1.2 +	1.6	8.6 +	1.29	0.18 -	6.99	1650.	56.	10.
2344	0000	-754	37.1079	81.3628	OMUU	1.2 +	1.5	8.8 +	1.29	0.17 -	7.44	1632.	58.	11.
2345	0000	-755	37.1079	81.3635	OMUU	1.2 +	1.1	8.7 +	0.97 -	0.13 -	7.33	1623.	59.	12.
2346	0000	-756	37.1079	81.3641	OMUU	1.2 +	1.2	8.1 +	0.99 -	0.14 -	6.81	1615.	60.	13.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-756	37.1079	81.3647	OMUU	1.2 +	1.1	8.4 +	0.91 -	0.13 --	7.24	1620.	59.	13.
2348	0000	-754	37.1079	81.3653	OMUU	1.1	1.1	8.6 +	1.00 -	0.13 --	7.66	1625.	59.	12.
2349	0000	-754	37.1079	81.3659	OMUU	1.1	1.0 -	8.7 +	0.88 -	0.11 --	7.84	1629.	59.	11.
2350	0000	-757	37.1079	81.3665	OMUU	1.2 +	1.1	8.6 +	0.92 -	0.13 --	7.29	1671.	59.	10.
2351	0000	-755	37.1079	81.3672	OMUU	1.2 +	1.3	8.5 +	1.04 -	0.15 -	6.87	1703.	59.	9.
2352	0000	-754	37.1079	81.3678	OMUU	1.3 +	1.4	8.4 +	1.07 -	0.16 -	6.56	1725.	58.	8.
2353	0000	-758	37.1079	81.3684	OMUU	1.3 +	1.2	8.7 +	0.92 -	0.14 -	6.45	1738.	59.	7.
2354	0000	-759	37.1079	81.3690	OMUU	1.4 +	1.3	8.3 +	0.92 -	0.16 -	5.86	1768.	60.	7.
2355	0000	-757	37.1079	81.3697	OMUU	1.5 +	1.6	8.4 +	1.11 -	0.19	5.75 -	1802.	60.	6.
2356	0000	-757	37.1079	81.3702	OMUU	1.5 +	1.8	8.3 +	1.19 -	0.22	5.54 -	1826.	63.	5.
2357	0000	-756	37.1079	81.3708	OMUU	1.5 +	2.1 +	8.7 +	1.41	0.24	5.86	1836.	64.	4.
2358	0000	-757	37.1079	81.3715	OMUU	1.5 +	2.1 +	8.7 +	1.40	0.24	5.76	1850.	65.	3.
2359	0000	-758	37.1079	81.3721	OMUU	1.5 +	2.2 +	9.2 +	1.48	0.24	6.18	1864.	64.	2.
2360	0000	-757	37.1079	81.3727	OMUU	1.5 +	2.4 ++	8.8 +	1.66	0.28	6.03	1884.	63.	1.
2361	0000	-758	37.1079	81.3734	OMUU	1.5 +	2.4 +	9.3 +	1.66	0.26	6.33	1881.	63.	0.
2362	0000	-759	37.1079	81.3739	OMUU	1.6 +	2.0 +	9.7 ++	1.27	0.21	6.18	1910.	64.	0.
2363	0000	-757	37.1079	81.3746	OMUU	1.5 +	1.9	10.0 ++	1.23 -	0.19	6.45	1908.	64.	1.
2364	0000	-759	37.1079	81.3752	OMUU	1.5 +	1.7	9.7 ++	1.13 -	0.18 -	6.43	1867.	64.	1.
2365	0000	-760	37.1079	81.3758	OMUU	1.5 +	1.5	9.7 ++	1.01 -	0.15 -	6.56	1852.	64.	2.
2366	0000	-758	37.1079	81.3764	OMUU	1.5 +	1.6	9.5 ++	1.07 -	0.17 -	6.28	1857.	66.	2.
2367	0000	-758	37.1079	81.3770	OMUU	1.6 +	1.4	10.1 ++	0.92 -	0.14 -	6.49	1886.	66.	3.
2368	0000	-759	37.1079	81.3777	OMUU	1.6 +	1.5	10.0 ++	0.93 -	0.15 -	6.27	1923.	66.	4.
2369	0000	-760	37.1079	81.3782	OMUU	1.5 +	1.8	9.4 ++	1.19 -	0.19	6.30	1908.	68.	4.
2370	0000	-761	37.1079	81.3789	OMUU	1.5 +	1.8	9.2 +	1.18 -	0.20	5.97	1936.	68.	4.
2371	0000	-761	37.1079	81.3795	OMUU	1.6 +	1.7	9.3 ++	1.04 -	0.18 -	5.78	1977.	67.	5.
2372	0000	-762	37.1079	81.3801	OMUU	1.6 +	1.7	9.3 ++	1.06 -	0.19 -	5.74 -	1992.	66.	5.
2373	0000	-764	37.1079	81.3807	OMUU	1.6 +	1.6	9.4 ++	0.99 -	0.17 -	5.87	1977.	65.	6.
2374	0000	-763	37.1079	81.3813	OMUU	1.6 +	1.5	9.1 +	0.97 -	0.17 -	5.83	1917.	69.	5.
2375	0000	-761	37.1079	81.3819	OMUU	1.5 +	1.4	8.7 +	0.91 -	0.16 -	5.84	1851.	67.	6.
2376	0000	-761	37.1079	81.3826	OMUU	1.5 +	1.3	8.6 +	0.84 -	0.15 -	5.74 -	1814.	67.	6.
2377	0000	-761	37.1079	81.3832	OMUU	1.5 +	1.1	8.4 +	0.75 -	0.13 -	5.66 -	1782.	68.	5.
2378	0000	-762	37.1079	81.3839	OMUU	1.5 +	1.3	8.4 +	0.86 -	0.16 -	5.50 -	1785.	69.	3.
2379	0000	-764	37.1079	81.3844	OMUU	1.5 +	1.4	8.4 +	0.93 -	0.17 -	5.49 -	1774.	69.	3.
2380	0000	-764	37.1079	81.3851	OMUU	1.5 +	1.4	8.6 +	0.94 -	0.16 -	5.71 -	1778.	70.	2.
2381	0000	-763	37.1078	81.3857	OMUU	1.5 +	1.6	8.3 +	1.05 -	0.19	5.50 -	1797.	69.	1.
2382	0000	-764	37.1078	81.3862	OMUU	1.5 +	1.7	8.4 +	1.08 -	0.20	5.48 -	1811.	72.	0.
2383	0000	-767	37.1078	81.3869	OMUU	1.5 +	1.8	8.1 +	1.17 -	0.22	5.35 -	1792.	72.	0.
2384	0000	-769	37.1078	81.3875	OMUU	1.5 +	2.0 +	7.9 +	1.35	0.25	5.43 -	1766.	73.	0.
2385	0000	-767	37.1078	81.3881	OMUU	1.4 +	2.0 +	7.4	1.49	0.27	5.41 -	1724.	72.	0.
2386	0000	-766	37.1078	81.3888	OMUU	1.4 +	2.0 +	7.2	1.44	0.28	5.23 -	1687.	75.	0.
2387	0000	-768	37.1078	81.3894	OMUU	1.4 +	2.1 +	6.7	1.52	0.31	4.84 -	1664.	75.	0.
2388	0000	-765	37.1078	81.3900	OMUU	1.4 +	2.1 +	6.6	1.53	0.31	4.86 -	1623.	74.	0.
2389	0000	-764	37.1078	81.3906	OMUU	1.3 +	2.0 +	6.2	1.55	0.33	4.76 -	1579.	75.	1.
2390	0000	-767	37.1078	81.3912	OMUU	1.3 +	2.0 +	6.2	1.52	0.32	4.71 -	1555.	76.	1.
2391	0000	-768	37.1078	81.3919	OMUU	1.3 +	1.9	6.2	1.48	0.31	4.78 -	1531.	77.	1.
2392	0000	-765	37.1078	81.3924	OMUU	1.3 +	2.0 +	6.3	1.61	0.32	4.99 -	1505.	76.	1.
2393	0000	-768	37.1078	81.3931	OMUU	1.3 +	2.0 +	6.9	1.59	0.29	5.43 -	1534.	74.	2.
2394	0000	-770	37.1078	81.3937	OMUU	1.3 +	1.9	7.0	1.45	0.27	5.30 -	1557.	74.	2.
2395	0000	-770	37.1078	81.3943	OMUU	1.4 +	1.8	7.5 +	1.28	0.24	5.30 -	1624.	71.	2.
2396	0000	-771	37.1078	81.3950	OMUU	1.5 +	1.9	7.6 +	1.27	0.25	5.13 -	1684.	69.	3.
2397	0000	-772	37.1078	81.3956	OMUU	1.5 +	1.9	7.7 +	1.23 -	0.25	4.99 -	1758.	66.	3.

CP 9 IP 12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-769	37.1078	81.3962	OMUU	1.6 +	1.7	7.9 +	1.09 -	0.22	5.03 -	1805.	66.	4.
2399	0000	-770	37.1078	81.3967	OMUU	1.6 +	1.6	7.8 +	0.97 -	0.20	4.86 -	1846.	65.	6.
2400	0000	-772	37.1078	81.3974	OMUU	1.6 +	1.5	7.7 +	0.91 -	0.19	4.66 -	1875.	64.	6.
2401	0000	-770	37.1078	81.3981	OMUU	1.7 +	1.5	7.9 +	0.91 -	0.19	4.75 -	1903.	65.	6.
2402	0000	-770	37.1078	81.3986	OMUU	1.7 +	1.7	8.0 +	1.01 -	0.21	4.81 -	1932.	67.	7.
2403	0000	-773	37.1078	81.3993	OMUU	1.6 +	1.6	8.0 +	1.00 -	0.21	4.85 -	1943.	68.	7.
2404	0000	-772	37.1078	81.3998	OMUU	1.7 +	1.4	8.0 +	0.87 -	0.18 -	4.86 -	1911.	69.	8.
2405	0000	-770	37.1078	81.4005	OMUU	1.7 +	1.5	7.9 +	0.92 -	0.20	4.71 -	1913.	70.	8.
2406	0000	-770	37.1078	81.4011	OMUU	1.7 +	1.3	8.3 +	0.78 -	0.16 -	4.84 -	1922.	72.	8.
2407	0000	-771	37.1078	81.4017	OMUU	1.6 +	1.4	8.0 +	0.86 -	0.18 -	4.87 -	1895.	72.	7.
2408	0000	-769	37.1078	81.4023	OMUU	1.6 +	1.6	7.7 +	0.98 -	0.20	4.83 -	1874.	71.	7.
2409	0000	-768	37.1078	81.4029	OMUU	1.6 +	1.5	7.1	0.96 -	0.21	4.51 -	1815.	72.	7.
2410	0000	-770	37.1077	81.4036	OMUU	1.6 +	1.5	7.0	1.00 -	0.22	4.52 -	1773.	69.	5.
2411	0000	-771	37.1077	81.4042	OMUU	1.4 +	1.8	7.1	1.23 -	0.25	4.88 -	1754.	66.	4.
2412	0000	-770	37.1077	81.4048	OMUU	1.4 +	1.9	7.1	1.39	0.27	5.10 -	1719.	65.	4.
2413	0000	-771	37.1077	81.4054	OMUU	1.3 +	2.1 +	7.1	1.55	0.29	5.30 -	1686.	65.	3.
2414	0000	-773	37.1077	81.4060	OMUU	1.3 +	2.0 +	7.2	1.57	0.28	5.54 -	1655.	66.	3.
2415	0000	-770	37.1077	81.4066	OMUU	1.2 +	2.0 +	7.0	1.63	0.29	5.65 -	1623.	67.	4.
2416	0000	-770	37.1077	81.4073	OMUU	1.1	1.8	7.5 +	1.59	0.24	6.57	1601.	67.	4.
2417	0000	-773	37.1077	81.4079	OMUU	1.1	1.8	7.7 +	1.70	0.24	7.09	1590.	68.	5.
2418	0000	-771	37.1077	81.4085	OMUU	1.1	1.9	7.7 +	1.77	0.25	7.06	1580.	68.	6.
2419	0000	-770	37.1077	81.4091	OMUU	1.0	1.7	7.7 +	1.74	0.23	7.71	1538.	68.	6.
2420	0000	-773	37.1077	81.4097	OMUU	0.9	1.8	7.5 +	1.94	0.24	8.20	1489.	68.	6.
2421	0000	-775	37.1077	81.4104	OMUU	0.9	1.8	7.2	1.98	0.26	7.75	1438.	66.	6.
2422	0000	-772	37.1077	81.4110	OMUU	0.8	1.9	7.1	2.29	0.27	8.40	1390.	65.	5.
2423	0000	-771	37.1077	81.4116	OMUU	0.8	2.4 +	6.4	3.09	0.37	8.31	1335.	66.	4.
2424	0000	-772	37.1077	81.4122	OMUU	0.8	2.3 +	6.2	3.01	0.37	8.15	1281.	66.	3.
2425	0000	-773	37.1077	81.4128	OMUU	0.7	2.1 +	6.1	2.83	0.34	8.33	1241.	65.	2.
2426	0000	-774	37.1077	81.4135	OMUU	0.7	2.3 +	5.7	3.31	0.41 +	8.01	1228.	64.	1.
2427	0000	-773	37.1077	81.4140	OMUU	0.7	2.2 +	5.7	3.13	0.39 +	7.92	1233.	62.	1.
2428	0000	-774	37.1077	81.4147	OMUU	0.7	2.2 +	5.5	3.22	0.40 +	8.07	1223.	64.	1.
2429	0000	-775	37.1077	81.4153	OMUU	0.7	1.8	5.8	2.62	0.32	8.26	1214.	62.	2.
2430	0000	-773	37.1077	81.4159	OMUU	0.7	1.8	5.6	2.61	0.31	8.36	1203.	61.	2.
2431	0000	-772	37.1077	81.4165	OMUU	0.6	1.7	5.4	2.73	0.32	8.59	1192.	61.	3.
2432	0000	-774	37.1077	81.4171	OMUU	0.6	1.6	5.5	2.73	0.30	9.10	1169.	61.	3.
2433	0000	-775	37.1077	81.4178	OMUU	0.6	1.4	5.7	2.38	0.25	9.58	1161.	61.	4.
2434	0000	-776	37.1077	81.4183	OMUU	0.5	1.5	5.9	2.81	0.25	11.31	1149.	61.	4.
2435	0000	-773	37.1077	81.4190	OMUU	0.5	1.4	6.0	2.97	0.23	12.76 +	1146.	58.	5.
2436	0000	-771	37.1077	81.4196	OMUU	0.5	1.6	5.7	3.32	0.28	11.94	1145.	60.	5.
2437	0000	-774	37.1077	81.4202	OMUU	0.5	1.4	6.2	2.89	0.23	12.61 +	1175.	58.	4.
2438	0000	-776	37.1077	81.4209	OMUU	0.5	1.7	6.7	3.48	0.25	14.02 +	1190.	58.	3.
2439	0000	-775	37.1077	81.4215	OMUU	0.5	1.7	6.5	3.30	0.26	12.49 +	1212.	58.	3.
2440	0000	-774	37.1077	81.4220	OMUU	0.6	1.7	6.3	2.86	0.28	10.37	1246.	57.	2.
2441	0000	-776	37.1077	81.4227	OMUU	0.7	1.8	6.4	2.73	0.28	9.80	1274.	60.	2.
2442	0000	-777	37.1077	81.4233	OMUU	0.7	1.8	6.6	2.66	0.28	9.50	1307.	63.	3.
2443	0000	-774	37.1077	81.4239	OMUU	0.7	1.7	7.1	2.37	0.24	9.79	1335.	59.	4.
2444	0000	-775	37.1077	81.4245	OMUU	0.8	1.7	6.9	2.11	0.24	8.66	1332.	62.	5.
2445	0000	-777	37.1077	81.4251	OMUU	0.8	1.6	6.8	1.94	0.23	8.47	1332.	63.	7.
2446	0000	-776	37.1077	81.4257	OMUU	0.7	1.6	6.7	2.10	0.23	8.95	1318.	63.	7.
2447	0000	-776	37.1078	81.4263	OMUU	0.7	1.7	6.6	2.42	0.25	9.60	1293.	65.	8.
2448	0000	-776	37.1078	81.4270	OMUU	0.7	1.5	6.3	2.25	0.24	9.28	1265.	62.	9.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-777	37.1078	81.4275	OMUU	0.7	1.4	6.0	2.07	0.24	8.65	1236.	61.	9.
2450	0000	-778	37.1078	81.4282	OMUU	0.7	1.4	5.6	2.02	0.25	7.95	1211.	62.	8.
2451	0000	-776	37.1078	81.4288	OMUU	0.7	1.4	5.5	2.08	0.26	8.15	1202.	63.	8.
2452	0000	-776	37.1079	81.4294	OMUU	0.7	1.3	5.7	1.98	0.23	8.63	1193.	60.	7.
2453	0000	-780	37.1079	81.4300	OMUU	0.7	1.2	5.4	1.87	0.23	8.20	1169.	59.	7.
2454	0000	-778	37.1079	81.4306	OMUU	0.6	1.2	5.5	1.95	0.22	8.91	1138.	56.	7.
2455	0000	-776	37.1079	81.4312	OMUU	0.6	1.3	5.3	2.17	0.24	9.03	1095.	60.	6.
2456	0000	-779	37.1079	81.4318	OMUU	0.5	1.3	5.3	2.56	0.25	10.21	1065.	59.	7.
2457	0000	-781	37.1080	81.4324	OMUU	0.4	1.3	4.9	2.82	0.26	10.93	1011.	61.	7.
2458	0000	-779	37.1080	81.4330	OMUU	0.4	1.2	4.8	3.14	0.26	12.24	969.	60.	8.
2459	0000	-781	37.1080	81.4336	OMUU	0.4	1.2	4.4	3.29	0.28	11.84	949.	60.	9.
2460	0000	-781	37.1080	81.4343	OMUU	0.4	1.1	4.8	2.71	0.22	12.22	954.	62.	9.
2461	0000	-780	37.1080	81.4348	OMUU	0.4	1.0 -	4.7	2.21	0.21	10.71	969.	64.	10.
2462	0000	-781	37.1080	81.4355	OMUU	0.4	1.0 -	4.7	2.22	0.21	10.54	979.	61.	11.
2463	0000	-781	37.1081	81.4361	OMUU	0.5	0.8 -	4.5	1.56	0.17 -	9.14	986.	62.	12.
2464	0000	-781	37.1081	81.4367	OMUU	0.5	0.7 -	4.8	1.40	0.16 -	8.89	1019.	59.	12.
2465	0000	-781	37.1082	81.4373	OMUU	0.6	0.7 -	4.9	1.21 -	0.14 -	8.61	1039.	58.	13.
2466	0000	-781	37.1082	81.4380	OMUU	0.6	0.5 --	4.8	0.79 -	0.10 --	7.56	1033.	60.	13.
2467	0000	-782	37.1082	81.4385	OMUU	0.6	0.7 -	4.7	1.11 -	0.15 -	7.50	1043.	59.	12.
2468	0000	-784	37.1082	81.4392	OMUU	0.7	0.5 --	5.0	0.78 -	0.10 --	7.48	1058.	58.	11.
2469	0000	-782	37.1082	81.4397	OMUU	0.7	0.4 --	5.1	0.61 --	0.09 ---	7.07	1075.	59.	10.
2470	0000	-782	37.1082	81.4404	OMUU	0.7	0.7 -	5.5	0.94 -	0.12 --	7.62	1091.	58.	8.
2471	0000	-784	37.1083	81.4410	OMUU	0.7	0.8 -	5.5	1.21 -	0.15 -	8.00	1102.	60.	7.
2472	0000	-783	37.1083	81.4416	OMUU	0.7	1.0	5.5	1.50	0.18 -	8.22	1105.	60.	7.
2473	0000	-782	37.1083	81.4422	OMUU	0.6	1.3	5.4	2.01	0.24	8.49	1104.	61.	6.
2474	0000	-780	37.1083	81.4428	OMUU	0.6	1.3	4.9	2.22	0.27	8.15	1084.	62.	6.
2475	0000	-781	37.1083	81.4434	OMUU	0.6	1.5	4.7	2.65	0.31	8.42	1064.	63.	6.
2476	0000	-784	37.1084	81.4440	OMUU	0.6	1.5	4.7	2.63	0.32	8.25	1068.	62.	6.
2477	0000	-782	37.1084	81.4446	OMUU	0.6	1.4	4.6	2.58	0.31	8.38	1072.	63.	6.
2478	0000	-782	37.1084	81.4453	OMUU	0.6	1.4	4.7	2.26	0.29	7.86	1086.	64.	6.
2479	0000	-785	37.1084	81.4458	OMUU	0.6	1.3	4.6	1.99	0.28	7.10	1105.	67.	6.
2480	0000	-786	37.1084	81.4465	OMUU	0.7	1.3	5.0	1.87	0.25	7.37	1134.	67.	5.
2481	0000	-786	37.1085	81.4470	OMUU	0.7	1.1	5.6	1.62	0.20	8.02	1137.	66.	5.
2482	0000	-787	37.1085	81.4477	OMUU	0.7	1.1	5.6	1.51	0.19	7.75	1131.	69.	4.
2483	0000	-787	37.1085	81.4483	OMUU	0.7	1.1	5.7	1.54	0.19	8.06	1118.	69.	3.
2484	0000	-786	37.1085	81.4489	OMUU	0.7	1.1	5.7	1.58	0.19	8.30	1104.	67.	3.
2485	0000	-786	37.1085	81.4495	SU	0.7 +	1.1	6.0 +	1.60 -	0.18 -	9.02	1075.	66.	2.
2486	0000	-788	37.1085	81.4501	SU	0.6 +	1.1	5.9 +	1.74 -	0.18 -	9.57	1049.	64.	1.
2487	0000	-789	37.1086	81.4507	SU	0.6 +	1.0	5.7	1.82 -	0.18 -	9.91	1013.	63.	2.
2488	0000	-789	37.1086	81.4513	SU	0.6	1.1	5.4	1.90 -	0.20	9.68	992.	64.	3.
2489	0000	-789	37.1086	81.4519	SU	0.5	1.0	5.4	2.06	0.19 -	10.76	964.	61.	4.
2490	0000	-788	37.1086	81.4526	SU	0.4	0.9	5.2	2.01 -	0.17 -	11.66	932.	60.	6.
2491	0000	-788	37.1086	81.4531	SU	0.4	0.8	4.9	1.96 -	0.17 -	11.53	883.	62.	7.
2492	0000	-787	37.1087	81.4538	SU	0.4	0.8 -	4.4	2.10	0.18 -	11.76	842.	63.	8.
2493	0000	-789	37.1087	81.4543	SU	0.3	0.7 -	4.1	2.06	0.17 -	12.00	797.	61.	9.
2494	0000	-793	37.1087	81.4550	SU	0.4	0.6 -	3.8	1.72 -	0.16 -	10.97	771.	63.	10.
2495	0000	-794	37.1087	81.4556	SU	0.3	0.5 --	3.6	1.45 -	0.13 -	10.82	749.	64.	9.
2496	0000	-795	37.1087	81.4563	SU	0.3	0.6 -	3.5	2.06	0.19 -	11.05	726.	66.	8.
2497	0000	-796	37.1088	81.4568	SU	0.3	0.9	3.2	2.76	0.28	9.85	705.	71.	6.
2498	0000	-793	37.1088	81.4575	SU	0.3	1.0	3.2	2.81	0.30	9.32	716.	70.	4.
2499	0000	-793	37.1088	81.4580	SU	0.4	1.0	3.3	2.48	0.29	8.56	729.	72.	3.

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FLIGHT LINE 220, DAY 293 PAGE 748

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-795	37.1088	81.4587	SU	0.4	0.9	3.8	2.36	0.24	9.75	749.	76.	2.
2501	0000	-795	37.1088	81.4593	SU	0.4	0.9	3.9	2.25	0.24	9.49	756.	78.	1.
2502	0000	-795	37.1088	81.4599	SU	0.4	1.0	3.8	2.39	0.26	9.18	781.	75.	2.
2503	0000	-796	37.1089	81.4605	SU	0.5	1.0	3.9	2.09	0.25	8.52	814.	72.	2.
2504	0000	-797	37.1089	81.4611	SU	0.5	0.7 -	4.3	1.48 -	0.17 -	8.57	859.	71.	4.
2505	0000	-797	37.1089	81.4617	SU	0.5	0.5 --	4.4	0.94 --	0.12 --	8.17 -	904.	71.	6.
2506	0000	-797	37.1089	81.4623	OMUU	0.6	0.6 -	4.5	1.06 -	0.13 -	7.83	953.	71.	8.
2507	0000	-798	37.1089	81.4629	OMUU	0.7	0.4 --	4.1	0.56 --	0.09 --	5.94	1003.	68.	11.
2508	0010	-797	37.1090	81.4636	OMUU	0.7	0.3 N.A.	4.5	0.47 N.A.	0.07 N.A.	6.45	1063.	67.	13.
2509	0000	-795	37.1090	81.4641	OMUU	0.8	0.4 --	4.7	0.55 --	0.09 ---	6.16	1128.	68.	14.
2510	0000	-796	37.1090	81.4648	OMUU	0.8	0.5 --	4.9	0.60 --	0.10 --	6.00	1176.	69.	14.
2511	0000	-797	37.1090	81.4653	OMUU	0.9	0.8 -	5.1	0.88 -	0.15 -	5.73 -	1230.	67.	14.
2512	0000	-798	37.1090	81.4660	OMUU	0.9	1.1	5.1	1.15 -	0.21	5.50 -	1266.	67.	13.
2513	0000	-798	37.1091	81.4666	OMUU	0.9	1.0 -	5.0	1.06 -	0.20	5.36 -	1280.	67.	11.
2514	0000	-799	37.1091	81.4672	OMUU	0.9	1.4	5.4	1.51	0.25	6.03	1284.	66.	10.
2515	0000	-798	37.1091	81.4678	OMUU	0.9	1.5	5.2	1.65	0.29	5.62 -	1272.	64.	9.
2516	0000	-797	37.1091	81.4684	OMUU	0.8	1.7	5.4	2.05	0.32	6.40	1256.	61.	7.
2517	0000	-796	37.1091	81.4690	OMUU	0.8	1.6	5.3	1.97	0.31	6.35	1268.	60.	8.
2518	0000	-797	37.1092	81.4696	OMUU	0.8	1.7	5.2	2.16	0.33	6.61	1239.	59.	7.
2519	0000	-798	37.1092	81.4702	OMUU	0.7	1.5	5.0	2.17	0.31	7.00	1191.	59.	8.
2520	0000	-797	37.1092	81.4709	OMUU	0.6	1.6	5.0	2.45	0.32	7.64	1142.	58.	8.
2521	0000	-796	37.1092	81.4714	OMUU	0.6	1.6	4.7	2.83	0.35	8.21	1100.	58.	9.
2522	0000	-796	37.1092	81.4721	OMUU	0.5	1.6	4.6	2.89	0.34	8.51	1086.	57.	9.
2523	0000	-797	37.1092	81.4727	OMUU	0.5	1.4	4.3	2.68	0.33	8.02	1052.	59.	9.
2524	0000	-797	37.1093	81.4733	OMUU	0.5	1.2	4.5	2.34	0.27	8.71	1022.	58.	10.
2525	0000	-796	37.1093	81.4739	OMUU	0.5	1.1	4.8	2.20	0.23	9.59	1012.	58.	9.
2526	0000	-796	37.1093	81.4745	OMUU	0.5	1.3	5.1	2.49	0.25	9.89	1034.	58.	7.
2527	0000	-798	37.1093	81.4751	OMUU	0.5	1.3	5.1	2.37	0.25	9.69	1063.	58.	6.
2528	0000	-796	37.1093	81.4758	OMUU	0.6	1.3	5.3	2.31	0.25	9.25	1095.	56.	4.
2529	0000	-795	37.1094	81.4763	OMUU	0.6	1.1	5.6	1.84	0.20	9.04	1115.	58.	4.
2530	0000	-796	37.1094	81.4770	OMUU	0.7	1.2	6.0	1.88	0.21	9.12	1176.	58.	3.
2531	0000	-796	37.1094	81.4776	OMUU	0.7	1.6	6.3	2.51	0.26	9.66	1233.	60.	1.
2532	0000	-795	37.1094	81.4782	OMUU	0.7	1.7	6.2	2.38	0.27	8.72	1272.	58.	1.
2533	0000	-795	37.1094	81.4788	OMUU	0.7	1.5	6.5	2.09	0.23	9.12	1287.	58.	2.
2534	0000	-797	37.1095	81.4794	OMUU	0.7	1.5	6.6	2.10	0.22	9.40	1307.	58.	3.
2535	0000	-795	37.1095	81.4800	OMUU	0.7	1.2	6.7	1.69	0.18 -	9.34	1303.	62.	5.
2536	0000	-795	37.1095	81.4806	OMUU	0.6	1.4	6.6	2.23	0.22	10.19	1290.	61.	5.
2537	0000	-792	37.1095	81.4812	OMUU	0.6	1.1	6.5	1.79	0.18 -	10.08	1233.	61.	7.
2538	0000	-793	37.1095	81.4818	OMUU	0.6	1.0 -	6.0	1.56	0.16 -	9.67	1170.	60.	8.
2539	0000	-793	37.1095	81.4824	OMUU	0.6	0.7 -	5.6	1.26 -	0.12 --	10.09	1117.	61.	10.
2540	0000	-789	37.1096	81.4831	OMUU	0.5	0.8 -	5.1	1.44	0.15 -	9.62	1068.	61.	11.
2541	0000	-791	37.1096	81.4836	OMUU	0.5	0.7 -	4.8	1.33	0.14 -	9.19	1027.	60.	12.
2542	0000	-794	37.1096	81.4843	OMUU	0.5	0.7 -	4.8	1.47	0.15 -	9.69	1017.	60.	12.
2543	0000	-791	37.1096	81.4849	OMUU	0.5	0.7 -	4.7	1.31	0.14 -	9.17	1009.	59.	12.
2544	0000	-791	37.1096	81.4855	OMUU	0.5	0.8 -	4.5	1.51	0.17 -	8.80	1023.	62.	11.
2545	0000	-794	37.1097	81.4861	OMUU	0.5	0.9 -	4.6	1.64	0.19	8.64	1054.	62.	11.
2546	0000	-793	37.1097	81.4867	OMUU	0.6	1.1	4.7	1.87	0.24	7.92	1113.	61.	9.
2547	0000	-792	37.1097	81.4873	OMUU	0.6	1.3	5.1	2.02	0.25	8.00	1176.	60.	7.
2548	0000	-793	37.1097	81.4880	OMUU	0.7	1.6	5.4	2.21	0.29	7.64	1216.	59.	5.
2549	0000	-791	37.1097	81.4885	OMUU	0.7	1.6	5.3	2.10	0.30	7.08	1226.	58.	4.
2550	0000	-792	37.1098	81.4891	OMUU	0.8	1.6	5.4	2.07	0.29	7.13	1241.	59.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-793	37.1098	81.4897	OMUU	0.8	1.5	5.8	2.04	0.27	7.61	1230.	54.	3.
2552	0000	-790	37.1098	81.4904	OMUU	0.7	1.5	5.5	2.05	0.27	7.70	1195.	55.	3.
2553	0000	-789	37.1098	81.4910	OMUU	0.6	1.5	5.7	2.39	0.26	9.28	1135.	56.	3.
2554	0000	-790	37.1098	81.4916	OMUU	0.6	1.4	5.4	2.38	0.25	9.43	1074.	57.	4.
2555	0000	-789	37.1098	81.4922	OMUU	0.5	1.3	5.4	2.62	0.23	11.28	1036.	57.	4.
2556	0000	-788	37.1099	81.4928	OMUU	0.4	1.3	5.5	3.21	0.24	13.35 +	1023.	57.	4.
2557	0000	-789	37.1099	81.4934	OMUU	0.4	1.4	5.4	3.73	0.26	14.12 +	1023.	58.	3.
2558	0000	-788	37.1100	81.4941	OMUU	0.4	1.7	5.2	4.76 +	0.33	14.26 +	1038.	59.	3.
2559	0000	-787	37.1099	81.4946	OMUU	0.4	1.7	5.2	4.25 +	0.33	13.01 +	1063.	58.	3.
2560	0000	-789	37.1099	81.4953	OMUU	0.5	1.7	5.4	3.66	0.31	11.89	1100.	59.	2.
2561	0000	-791	37.1100	81.4959	OMUU	0.5	1.8	5.5	3.55	0.33	10.78	1136.	58.	2.
2562	0000	-790	37.1100	81.4965	OMUU	0.6	1.8	5.2	3.10	0.34	9.21	1155.	58.	3.
2563	0000	-788	37.1100	81.4971	OMUU	0.7	1.8	5.2	2.67	0.34	7.87	1164.	56.	3.
2564	0000	-787	37.1100	81.4977	OMUU	0.7	1.7	5.2	2.38	0.32	7.42	1155.	54.	3.
2565	0000	-787	37.1100	81.4983	OMUU	0.8	1.5	5.2	1.90	0.28	6.80	1162.	55.	3.
2566	0000	-787	37.1101	81.4989	OMUU	0.8	1.4	5.5	1.76	0.26	6.88	1161.	54.	3.
2567	0000	-785	37.1101	81.4995	OMUU	0.8	1.5	5.3	1.80	0.28	6.40	1165.	52.	3.
2568	0000	-786	37.1101	81.5001	OMUU	0.8	1.4	5.6	1.81	0.26	6.97	1169.	52.	3.
2569	0000	-787	37.1102	81.5007	OMUU	0.8	1.5	5.6	1.80	0.26	6.93	1186.	52.	3.
2570	0000	-785	37.1102	81.5014	OMUU	0.8	1.4	6.0	1.78	0.23	7.71	1201.	54.	3.
2571	0000	-786	37.1102	81.5019	OMUU	0.8	1.6	6.3	1.91	0.25	7.69	1238.	54.	2.
2572	0000	-786	37.1102	81.5026	OMUU	0.8	1.6	6.4	2.04	0.25	8.02	1257.	55.	2.
2573	0000	-785	37.1102	81.5031	OMUU	0.8	1.7	6.4	2.27	0.27	8.32	1271.	55.	1.
2574	0000	-786	37.1102	81.5038	OMUU	0.7	1.7	6.4	2.28	0.26	8.64	1253.	56.	1.
2575	0000	-785	37.1102	81.5044	OMUU	0.7	1.8	6.2	2.47	0.30	8.25	1214.	55.	1.
2576	0000	-783	37.1102	81.5051	OMUU	0.7	2.0	6.1	2.83	0.32	8.77	1172.	56.	1.
2577	0000	-782	37.1103	81.5056	OMUU	0.6	2.1 +	5.4	3.32	0.39 +	8.56	1128.	53.	1.
2578	0000	-780	37.1103	81.5062	OMUU	0.5	2.0	5.1	3.57	0.38 +	9.32	1067.	53.	2.
2579	0000	-781	37.1103	81.5068	OMUU	0.4	2.0 +	4.6	4.41 +	0.43 +	10.35	982.	52.	3.
2580	0000	-782	37.1104	81.5075	OMUU	0.4	1.8	4.1	4.85 +	0.43 +	11.38	891.	54.	3.
2581	0000	-781	37.1104	81.5080	OMUU	0.3 -	1.6	3.4 -	5.47 +	0.48 +	11.45	823.	56.	5.
2582	0000	-781	37.1104	81.5086	OMUU	0.3 -	1.3	3.2 -	5.19 +	0.42 +	12.42 +	771.	57.	6.
2583	0000	-781	37.1104	81.5092	OMUU	0.2 -	1.2	2.9 -	5.28 +	0.42 +	12.71 +	716.	57.	6.
2584	0000	-781	37.1104	81.5097	OMUU	0.2 -	1.0	2.6 -	4.97 +	0.41 +	12.25	674.	59.	7.
2585	0000	-781	37.1105	81.5104	OMUU	0.2 -	0.9 -	2.8 -	3.98 +	0.33	12.08	663.	59.	7.
2586	0000	-781	37.1105	81.5109	OMUU	0.3 -	0.7 -	3.0 -	2.36	0.23	10.24	677.	60.	8.
2587	0000	-782	37.1105	81.5115	OMUU	0.4	0.6 -	3.2 -	1.59	0.18 -	8.68	722.	59.	8.
2588	0000	-783	37.1105	81.5121	OMUU	0.4	0.7 -	3.6 -	1.59	0.20	7.98	778.	56.	7.
2589	0000	-782	37.1105	81.5126	OMUU	0.5	0.6 -	3.9	1.20 -	0.16 -	7.33	852.	54.	7.
2590	0000	-780	37.1105	81.5132	OMUU	0.6	0.6 -	4.3	0.99 -	0.14 -	6.85	930.	53.	6.
2591	0000	-779	37.1105	81.5138	OKU	0.7	0.6 -	4.8	0.77 --	0.12 --	6.68	996.	54.	4.
2592	0000	-777	37.1105	81.5143	OKU	0.8	0.9 -	4.4	1.25 -	0.21 -	5.90	1025.	55.	3.
2593	0000	-776	37.1105	81.5149	OKU	0.8	1.3	4.2	1.67	0.30	5.56	1042.	54.	2.
2594	0000	-775	37.1106	81.5155	OKU	0.7	1.6	4.0	2.13	0.40	5.34	1042.	55.	1.
2595	0000	-773	37.1106	81.5161	OKU	0.7	1.7	4.1	2.36	0.41	5.80	1040.	55.	1.
2596	0000	-770	37.1106	81.5166	OKU	0.7	1.9	4.1	2.80	0.47 +	5.98	1034.	57.	1.
2597	0000	-769	37.1107	81.5172	OKU	0.7	2.0	4.0	2.97	0.50 +	5.93	1037.	56.	1.
2598	0000	-766	37.1107	81.5178	OKU	0.7	2.0	4.0	2.98	0.51 +	5.83	1037.	54.	3.
2599	0000	-760	37.1107	81.5184	OKU	0.7	1.7	4.3	2.52	0.41	6.19	1049.	53.	4.
2600	0000	-759	37.1107	81.5189	OKU	0.7	1.6	4.6	2.18	0.34	6.34	1061.	52.	4.
2601	0000	-758	37.1107	81.5195	OKU	0.7	1.5	4.6	2.11	0.32	6.67	1055.	51.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 750

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-755	37.1107	81.5201	OKU	0.7	1.1	4.7	1.69	0.24	6.99	1022.	52.	6.
2603	0000	-756	37.1108	81.5207	OKU	0.6	1.1	4.6	1.71	0.23	7.30	1007.	49.	7.
2604	0000	-756	37.1108	81.5212	OKU	0.6	1.1	4.7	1.89	0.23	8.30	981.	50.	7.
2605	0000	-757	37.1108	81.5218	OKU	0.5	1.2	4.7	2.20	0.25	8.78	960.	53.	7.
2606	0000	-759	37.1108	81.5224	OKU	0.5	1.1	4.8	2.32	0.24	9.76	951.	55.	7.
2607	0000	-759	37.1108	81.5230	OKU	0.4	1.1	5.0	2.61	0.23	11.51	949.	58.	7.
2608	0000	-759	37.1109	81.5236	OMUU	0.4	1.1	5.1	2.40	0.21	11.45	969.	58.	7.
2609	0000	-762	37.1109	81.5242	OMUU	0.5	1.2	5.0	2.59	0.25	10.48	1010.	58.	7.
2610	0000	-762	37.1109	81.5248	OMUU	0.5	1.2	5.4	2.39	0.22	10.82	1033.	61.	6.
2611	0000	-762	37.1109	81.5253	OMUU	0.6	1.1	5.4	2.04	0.21	9.58	1062.	60.	5.
2612	0000	-761	37.1109	81.5259	OMUU	0.6	1.1	5.6	2.02	0.20	9.89	1093.	58.	4.
2613	0000	-759	37.1109	81.5265	OMUU	0.6	1.3	5.6	2.33	0.24	9.71	1112.	58.	3.
2614	0000	-761	37.1110	81.5271	OMUU	0.6	1.4	5.4	2.17	0.25	8.51	1143.	56.	3.
2615	0000	-761	37.1110	81.5276	OMUU	0.7	1.4	5.6	2.02	0.25	8.13	1186.	56.	2.
2616	0000	-758	37.1110	81.5282	OMUU	0.7	1.5	6.1	2.04	0.24	8.38	1229.	59.	1.
2617	0000	-757	37.1110	81.5288	OMUU	0.8	1.7	6.1	2.12	0.28	7.57	1278.	58.	1.
2618	0000	-758	37.1110	81.5294	OMUU	0.8	1.8	6.5	2.12	0.27	7.76	1335.	57.	1.
2619	0000	-756	37.1110	81.5299	OMUU	1.0	1.7	6.7	1.81	0.26	7.07	1391.	57.	2.
2620	0000	-753	37.1111	81.5305	OMUU	1.1	1.6	6.9	1.50	0.23	6.50	1471.	55.	3.
2621	0000	-751	37.1111	81.5311	OMUU	1.1	1.8	7.1	1.60	0.25	6.33	1525.	54.	3.
2622	0000	-749	37.1111	81.5317	OMUU	1.2 +	1.9	7.2	1.61	0.27	6.00	1575.	53.	4.
2623	0000	-748	37.1111	81.5322	OMUU	1.2 +	1.7	7.3	1.42	0.24	5.90	1611.	49.	4.
2624	0000	-750	37.1111	81.5328	OMUU	1.2 +	1.6	7.8 +	1.30	0.21	6.24	1639.	47.	5.
2625	0000	-753	37.1111	81.5334	OMUU	1.3 +	1.6	7.8 +	1.30	0.21	6.17	1656.	48.	5.
2626	0000	-750	37.1112	81.5340	OMUU	1.2 +	1.9	7.7 +	1.53	0.24	6.35	1654.	50.	4.
2627	0000	-750	37.1112	81.5345	OMUU	1.2 +	1.9	7.8 +	1.59	0.25	6.45	1623.	51.	3.
2628	0000	-750	37.1112	81.5351	OMUU	1.2 +	1.7	7.9 +	1.46	0.22	6.58	1601.	53.	2.
2629	0000	-748	37.1112	81.5357	OMUU	1.1	1.8	7.8 +	1.54	0.23	6.83	1572.	56.	2.
2630	0000	-748	37.1112	81.5362	OMUU	1.1	2.0 +	7.7 +	1.72	0.26	6.72	1579.	59.	1.
2631	0000	-750	37.1112	81.5368	OMUU	1.2	2.1 +	7.7 +	1.81	0.27	6.65	1592.	60.	1.
2632	0000	-750	37.1113	81.5374	OMUU	1.2 +	2.2 +	8.1 +	1.86	0.27	6.84	1626.	60.	1.
2633	0000	-751	37.1113	81.5379	OMUU	1.2 +	2.3 +	8.3 +	1.91	0.28	6.83	1674.	59.	1.
2634	0000	-753	37.1113	81.5385	OMUU	1.2 +	2.4 +	8.5 +	1.94	0.28	6.88	1718.	61.	1.
2635	0000	-755	37.1113	81.5392	OMUU	1.3 +	2.4 +	8.8 +	1.86	0.27	6.80	1779.	61.	0.
2636	0000	-758	37.1113	81.5397	OMUU	1.3 +	2.4 +	8.8 +	1.82	0.28	6.60	1781.	58.	0.
2637	0000	-759	37.1114	81.5404	OMUU	1.3 +	2.2 +	8.4 +	1.69	0.26	6.47	1725.	57.	1.
2638	0000	-756	37.1114	81.5409	OMUU	1.3 +	2.1 +	7.7 +	1.62	0.27	5.98	1667.	59.	1.
2639	0000	-749	37.1114	81.5415	OMUU	1.3 +	1.9	7.0	1.50	0.27	5.54 -	1600.	60.	1.
2640	0000	-745	37.1114	81.5421	OMUU	1.3 +	1.7	6.6	1.38	0.26	5.26 -	1573.	60.	1.
2641	0000	-744	37.1114	81.5426	OMUU	1.3 +	1.6	6.6	1.22 -	0.25	4.93 -	1581.	59.	2.
2642	0000	-744	37.1114	81.5432	OMUU	1.4 +	1.5	6.5	1.06 -	0.22	4.71 -	1568.	58.	3.
2643	0000	-742	37.1115	81.5438	OMUU	1.4 +	1.4	6.7	1.02 -	0.21	4.82 -	1582.	59.	3.
2644	0000	-740	37.1115	81.5443	OMUU	1.5 +	1.5	6.8	1.01 -	0.22	4.60 -	1648.	59.	5.
2645	0000	-739	37.1115	81.5449	OMUU	1.6 +	1.5	7.5 +	0.93 -	0.20	4.76 -	1741.	57.	6.
2646	0000	-740	37.1115	81.5455	OMUU	1.7 +	1.3	8.1 +	0.80 -	0.16 -	4.89 -	1832.	57.	8.
2647	0000	-739	37.1115	81.5461	OMUU	1.7 +	1.3	8.7 +	0.76 -	0.15 -	5.09 -	1872.	56.	10.
2648	0000	-737	37.1115	81.5466	OMUU	1.6 +	1.3	8.9 +	0.82 -	0.15 -	5.49 -	1875.	54.	10.
2649	0000	-737	37.1116	81.5472	OMUU	1.6 +	1.3	8.9 +	0.81 -	0.15 -	5.55 -	1891.	55.	10.
2650	0000	-737	37.1116	81.5478	OMUU	1.6 +	1.5	8.9 +	0.88 -	0.16 -	5.42 -	1943.	53.	10.
2651	0000	-734	37.1115	81.5484	OMUU	1.6 +	1.4	9.5 ++	0.86 -	0.15 -	5.88	1968.	54.	10.
2652	0000	-732	37.1116	81.5489	OMUU	1.6 +	1.5	9.4 ++	0.97 -	0.17 -	5.90	1953.	54.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-731	37.1116	81.5495	OMUU	1.6 +	1.5	9.2 +	0.96 -	0.16 -	5.80	1923.	55.	8.
2654	0000	-730	37.1116	81.5501	OMUU	1.6 +	1.5	8.8 +	0.95 -	0.17 -	5.67 -	1908.	56.	8.
2655	0000	-729	37.1117	81.5507	OMUU	1.6 +	1.6	8.9 +	1.02 -	0.18 -	5.75 -	1891.	59.	7.
2656	0000	-729	37.1117	81.5512	OMUU	1.5 +	1.6	9.3 ++	1.08 -	0.18 -	6.17	1882.	57.	5.
2657	0000	-727	37.1117	81.5518	OMUU	1.5 +	1.6	9.5 ++	1.04 -	0.17 -	6.29	1864.	59.	4.
2658	0000	-725	37.1117	81.5524	OMUU	1.5 +	1.7	8.9 +	1.15 -	0.19	6.04	1828.	59.	4.
2659	0000	-726	37.1117	81.5530	OMUU	1.5 +	1.8	8.9 +	1.25 -	0.20	6.11	1812.	60.	3.
2660	0000	-725	37.1117	81.5535	OMUU	1.4 +	2.0 +	8.8 +	1.45	0.23	6.34	1786.	59.	2.
2661	0000	-723	37.1118	81.5541	OMUU	1.3 +	2.1 +	8.8 +	1.59	0.24	6.57	1738.	59.	2.
2662	0000	-722	37.1118	81.5548	OMUU	1.3 +	2.0 +	8.1 +	1.52	0.25	6.14	1694.	59.	2.
2663	0000	-722	37.1118	81.5553	OMUU	1.3 +	2.1 +	7.7 +	1.58	0.27	5.88	1656.	60.	1.
2664	0000	-722	37.1118	81.5559	OMUU	1.3 +	2.0	7.4	1.54	0.26	5.82	1621.	59.	2.
2665	0000	-723	37.1118	81.5565	OMUU	1.3 +	1.8	7.5 +	1.42	0.24	5.79	1600.	59.	2.
2666	0000	-721	37.1119	81.5571	OMUU	1.3 +	1.6	7.9 +	1.26 -	0.20	6.26	1610.	57.	2.
2667	0000	-719	37.1119	81.5576	OMUU	1.3 +	1.4	8.1 +	1.14 -	0.18 -	6.42	1629.	55.	3.
2668	0000	-719	37.1118	81.5582	OMUU	1.3 +	1.5	8.3 +	1.14 -	0.18 -	6.40	1669.	53.	3.
2669	0000	-718	37.1119	81.5588	OMUU	1.3 +	1.6	8.7 +	1.22 -	0.19	6.56	1710.	52.	3.
2670	0000	-718	37.1119	81.5594	OMUU	1.4 +	1.8	8.9 +	1.30	0.20	6.57	1751.	50.	4.
2671	0000	-719	37.1119	81.5599	OMUU	1.4 +	1.9	9.6 ++	1.39	0.20	6.99	1802.	50.	3.
2672	0000	-717	37.1120	81.5605	OMUU	1.4 +	2.0	10.3 ++	1.42	0.19	7.45	1845.	49.	3.
2673	0000	-716	37.1120	81.5611	OMUU	1.5 +	1.9	10.2 ++	1.26 -	0.18 -	6.94	1862.	49.	3.
2674	0000	-715	37.1120	81.5617	OMUU	1.5 +	1.9	10.4 ++	1.22 -	0.18 -	6.75	1894.	53.	3.
2675	0000	-712	37.1120	81.5622	OMUU	1.6 +	1.8	10.5 ++	1.15 -	0.17 -	6.67	1920.	55.	3.
2676	0000	-711	37.1120	81.5628	OMUU	1.6 +	1.7	10.8 ++	1.06 -	0.16 -	6.77	1964.	55.	4.
2677	0000	-710	37.1120	81.5634	OMUU	1.6 +	1.5	11.0 ++	0.97 -	0.14 -	6.95	1980.	58.	4.
2678	0000	-711	37.1120	81.5640	OMUU	1.6 +	1.6	10.5 ++	0.99 -	0.15 -	6.52	1994.	58.	4.
2679	0000	-710	37.1120	81.5645	OMUU	1.6 +	1.6	9.9 ++	0.97 -	0.16 -	6.04	1998.	58.	5.
2680	0000	-709	37.1120	81.5651	OMUU	1.7 +	1.7	9.7 ++	1.01 -	0.17 -	5.84	2003.	57.	6.
2681	0000	-710	37.1121	81.5657	OMUU	1.6 +	1.7	9.5 ++	1.09 -	0.18 -	5.93	1967.	55.	6.
2682	0000	-708	37.1121	81.5662	OMUU	1.6 +	1.6	9.6 ++	0.99 -	0.16 -	6.14	1961.	54.	7.
2683	0000	-706	37.1121	81.5668	OMUU	1.5 +	1.7	9.0 +	1.11 -	0.19	5.88	1935.	55.	7.
2684	0000	-705	37.1122	81.5674	OMUU	1.5 +	1.7	8.9 +	1.17 -	0.20	5.96	1918.	54.	7.
2685	0000	-706	37.1122	81.5679	OMUU	1.5 +	1.6	8.9 +	1.07 -	0.18 -	6.10	1879.	54.	7.
2686	0000	-706	37.1122	81.5685	OMUU	1.5 +	1.6	9.1 +	1.12 -	0.18 -	6.21	1871.	55.	6.
2687	0000	-704	37.1122	81.5691	OMUU	1.4 +	1.7	9.1 +	1.18 -	0.19 -	6.38	1855.	56.	6.
2688	0000	-703	37.1122	81.5697	OMUU	1.4 +	1.6	9.2 +	1.09 -	0.17 -	6.34	1885.	55.	7.
2689	0000	-703	37.1122	81.5702	OMUU	1.4 +	1.8	9.0 +	1.26 -	0.20	6.28	1898.	55.	7.
2690	0000	-701	37.1122	81.5709	OMUU	1.5 +	1.5	9.2 +	1.04 -	0.16 -	6.29	1897.	54.	7.
2691	0000	-699	37.1122	81.5715	OMUU	1.5 +	1.4	9.2 +	0.90 -	0.15 -	5.96	1905.	56.	7.
2692	0000	-700	37.1122	81.5721	OMUU	1.6 +	1.3	9.4 ++	0.81 -	0.14 -	6.02	1919.	55.	8.
2693	0000	-699	37.1121	81.5727	OMUU	1.6 +	1.3	9.7 ++	0.86 -	0.14 -	6.19	1943.	53.	9.
2694	0000	-698	37.1121	81.5733	OMUU	1.6 +	1.2	10.2 ++	0.74 -	0.11 --	6.49	1963.	53.	9.
2695	0000	-697	37.1121	81.5739	OMUU	1.6 +	1.2	10.2 ++	0.73 -	0.12 --	6.38	1948.	54.	9.
2696	0000	-696	37.1121	81.5744	OMUU	1.6 +	1.1	10.6 ++	0.64 --	0.10 --	6.43	1942.	54.	8.
2697	0000	-696	37.1121	81.5750	OMUU	1.7 +	1.4	10.6 ++	0.83 -	0.13 --	6.41	1951.	52.	7.
2698	0000	-695	37.1121	81.5757	OMUU	1.6 +	1.7	10.9 ++	1.04 -	0.15 -	6.76	1941.	51.	6.
2699	0000	-694	37.1121	81.5762	OMUU	1.5 +	1.8	10.6 ++	1.18 -	0.17 -	6.84	1923.	52.	5.
2700	0000	-693	37.1120	81.5769	OMUU	1.5 +	1.6	10.5 ++	1.07 -	0.16 -	6.88	1883.	52.	4.
2701	0000	-692	37.1120	81.5774	OMUU	1.5 +	1.9	9.6 ++	1.25 -	0.20	6.28	1852.	51.	3.
2702	0000	-689	37.1120	81.5780	OMUU	1.5 +	2.1 +	9.6 ++	1.42	0.22	6.47	1852.	50.	3.
2703	0000	-688	37.1120	81.5786	OMUU	1.5 +	2.0 +	9.5 ++	1.31	0.21	6.35	1861.	49.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U - TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-689	37.1119	81.5792	OMUU	1.5 +	1.9	9.5 ++	1.29	0.30	6.50	1856.	49.	5.
2705	0000	-688	37.1119	81.5798	OMUU	1.6 +	1.9	9.0 +	1.21 -	0.31	5.77	1883.	50.	6.
2706	0000	-689	37.1119	81.5804	OMUU	1.6 +	1.9	9.1 +	1.18 -	0.31	5.75 -	1911.	50.	7.
2707	0000	-688	37.1119	81.5810	OMUU	1.6 +	2.1 +	9.1 +	1.30	0.33	5.87 -	1949.	49.	9.
2708	0000	-686	37.1119	81.5816	OMUU	1.6 +	2.0 +	9.2 +	1.29	0.32	5.80	1964.	53.	10.
2709	0000	-686	37.1118	81.5822	OMUU	1.6 +	1.9	9.2 +	1.17 -	0.31	5.58 -	1999.	54.	11.
2710	0000	-686	37.1118	81.5828	OMUU	1.6 +	2.0 +	8.8 +	1.28	0.33	5.46 -	1969.	57.	11.
2711	0000	-684	37.1118	81.5834	OMUU	1.7 +	2.0 +	8.7 +	1.19 -	0.33	5.21 -	1981.	57.	12.
2712	0000	-682	37.1118	81.5839	OMUU	1.5 +	1.7	8.5 +	1.13 -	0.30	5.55 -	1928.	57.	12.
2713	0000	-682	37.1118	81.5845	OMUU	1.4 +	1.7	8.2 +	1.16 -	0.30	5.68 -	1862.	58.	12.
2714	0000	-681	37.1118	81.5852	OMUU	1.4 +	1.6	7.9 +	1.14 -	0.31	5.51 -	1817.	58.	10.
2715	0000	-678	37.1117	81.5858	OMUU	1.4 +	1.6	8.0 +	1.11 -	0.29	5.71 -	1806.	57.	10.
2716	0000	-681	37.1117	81.5863	OMUU	1.3 +	1.6	7.7 +	1.18 -	0.30	5.78	1767.	56.	9.
2717	0000	-681	37.1117	81.5869	OMUU	1.3 +	1.6	8.0 +	1.19 -	0.30	6.07	1779.	55.	7.
2718	0000	-678	37.1117	81.5876	OMUU	1.3 +	1.7	8.4 +	1.23 -	0.30	6.25	1782.	54.	6.
2719	0000	-678	37.1117	81.5881	OMUU	1.4 +	1.8	8.3 +	1.26 -	0.31	5.95	1806.	54.	5.
2720	0000	-677	37.1117	81.5887	OMUU	1.5 +	1.7	8.5 +	1.14 -	0.30	5.64 -	1855.	51.	5.
2721	0000	-676	37.1117	81.5894	OMUU	1.5 +	1.7	8.3 +	1.16 -	0.31	5.53 -	1864.	52.	5.
2722	0000	-676	37.1116	81.5899	OMUU	1.6 +	1.9	8.4 +	1.24 -	0.33	5.39 -	1862.	52.	5.
2723	0000	-674	37.1116	81.5905	OMUU	1.5 +	2.0 +	8.5 +	1.32	0.34	5.58 -	1830.	54.	4.
2724	0000	-675	37.1116	81.5910	OMUU	1.5 +	1.9	8.2 +	1.28	0.34	5.46 -	1776.	56.	5.
2725	0000	-674	37.1116	81.5917	OMUU	1.4 +	1.9	8.0 +	1.32	0.33	5.66 -	1715.	57.	5.
2726	0000	-671	37.1115	81.5923	OMUU	1.4 +	1.8	8.2 +	1.31	0.32	6.07	1684.	56.	5.
2727	0000	-671	37.1115	81.5928	OMUU	1.3 +	1.8	8.7 +	1.36	0.30	6.68	1662.	58.	5.
2728	0000	-673	37.1115	81.5935	OMUU	1.3 +	1.7	8.8 +	1.30	0.30	6.62	1668.	61.	5.
2729	0000	-673	37.1115	81.5941	OMUU	1.3 +	1.8	8.4 +	1.35	0.31	6.48	1642.	58.	4.
2730	0000	-671	37.1115	81.5947	OMUU	1.3 +	1.8	8.3 +	1.42	0.32	6.59	1628.	57.	4.
2731	0000	-669	37.1115	81.5952	OMUU	1.2 +	2.0 +	8.4 +	1.66	0.34	6.93	1635.	56.	3.
2732	0000	-673	37.1115	81.5959	OMUU	1.2 +	2.0 +	8.4 +	1.60	0.34	6.81	1631.	56.	2.
2733	0000	-672	37.1114	81.5965	OMUU	1.2 +	1.9	8.2 +	1.61	0.34	6.85	1607.	56.	2.
2734	0000	-668	37.1114	81.5970	OMUU	1.1	1.8	7.8 +	1.61	0.34	6.80	1587.	57.	3.
2735	0000	-668	37.1114	81.5977	OMUU	1.1	1.7	7.8 +	1.58	0.33	7.01	1581.	53.	2.
2736	0000	-668	37.1114	81.5982	OMUU	1.1	1.5	8.2 +	1.42	0.18 -	7.76	1547.	53.	2.
2737	0000	-666	37.1113	81.5988	OMUU	1.1	1.4	7.9 +	1.30	0.18 -	7.37	1511.	52.	2.
2738	0000	-666	37.1113	81.5993	OMUU	1.0	1.3	7.3	1.32	0.18 -	7.20	1469.	53.	2.
2739	0000	-665	37.1113	81.6000	OMUU	1.0	1.4	7.2	1.46	0.20	7.38	1453.	52.	3.
2740	0000	-664	37.1113	81.6006	OMUU	1.0	1.5	7.3	1.50	0.20	7.53	1444.	52.	2.
2741	0000	-662	37.1113	81.6012	OMUU	0.9	1.7	7.5 +	1.75	0.22	7.89	1450.	52.	1.
2742	0000	-661	37.1112	81.6018	OMUU	1.0	1.7	7.5 +	1.72	0.22	7.68	1419.	55.	2.
2743	0000	-662	37.1112	81.6024	OMUU	0.9	1.9	7.0	1.98	0.26	7.50	1439.	56.	2.
2744	0000	-662	37.1112	81.6030	OMUU	1.0	1.8	7.1	1.90	0.25	7.45	1459.	58.	2.
2745	0000	-661	37.1112	81.6036	OMUU	1.0	1.8	7.6 +	1.74	0.23	7.52	1484.	57.	2.
2746	0000	-657	37.1112	81.6042	OMUU	1.0	1.9	7.5 +	1.82	0.25	7.28	1496.	58.	2.
2747	0000	-656	37.1112	81.6048	OMUU	1.0	2.0 +	7.6 +	1.92	0.26	7.43	1517.	56.	3.
2748	0000	-656	37.1111	81.6053	OMUU	1.1	1.9	7.0	1.76	0.27	6.53	1481.	55.	4.
2749	0000	-654	37.1111	81.6060	OMUU	1.0	1.8	7.0	1.78	0.26	6.80	1458.	53.	3.
2750	0000	-651	37.1111	81.6066	OMUU	1.0	1.5	7.4	1.46	0.21	7.02	1441.	54.	4.
2751	0000	-651	37.1111	81.6071	OMUU	1.0	1.7	7.7 +	1.69	0.22	7.73	1447.	52.	3.
2752	0000	-649	37.1111	81.6077	OMUU	1.0	1.7	7.4	1.71	0.23	7.51	1451.	52.	3.
2753	0000	-646	37.1111	81.6084	OMUU	1.0	1.5	7.5 +	1.52	0.20	7.54	1436.	53.	4.
2754	0000	-645	37.1111	81.6089	OMUU	1.0	1.4	7.2	1.51	0.20	7.57	1406.	54.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-645	37.1110	81.6095	OMUU	0.9	1.5	7.3	1.62	0.20	8.00	1399.	55.	3.
2756	0000	-647	37.1110	81.6101	OMUU	0.9	1.6	6.9	1.90	0.24	8.02	1384.	55.	3.
2757	0000	-647	37.1110	81.6107	OMUU	0.8	1.7	6.6	2.07	0.26	7.99	1352.	53.	4.
2758	00\	-646	37.1110	81.6113	OMUU	0.8	1.6	6.4	1.95	0.25	7.85	1299.	53.	4.
2759	0000	-647	37.1109	81.6119	OMUU	0.8	1.5	5.9	1.96	0.25	7.80	1239.	53.	5.
2760	0000	-647	37.1109	81.6125	OMUU	0.7	1.6	5.5	2.27	0.29	7.91	1193.	53.	6.
2761	0000	-646	37.1109	81.6131	OMUU	0.7	1.6	5.4	2.31	0.29	7.83	1154.	53.	6.
2762	0000	-645	37.1109	81.6137	OMUU	0.7	1.5	5.4	2.22	0.27	8.15	1127.	53.	7.
2763	0000	-642	37.1109	81.6143	OMUU	0.6	1.3	5.2	2.10	0.26	8.19	1094.	55.	9.
2764	0000	-642	37.1109	81.6149	OMUU	0.6	1.3	5.2	2.27	0.25	8.95	1071.	54.	9.
2765	0000	-642	37.1108	81.6155	OMUU	0.6	1.3	5.0	2.19	0.25	8.72	1044.	55.	9.
2766	0000	-641	37.1108	81.6160	OMUU	0.6	1.2	5.2	2.19	0.24	9.08	1033.	55.	9.
2767	0000	-641	37.1108	81.6167	OMUU	0.6	0.9 -	5.3	1.58	0.17 -	9.32	1009.	55.	9.
2768	0000	-641	37.1108	81.6172	OMUU	0.6	1.1	5.3	1.74	0.21	8.22	1019.	55.	7.
2769	0000	-640	37.1107	81.6178	OMUU	0.7	1.1	5.4	1.57	0.20	7.79	1028.	54.	6.
2770	0000	-639	37.1107	81.6185	OMUU	0.7	1.3	5.5	1.93	0.24	8.02	1044.	55.	5.
2771	0000	-638	37.1107	81.6190	OMUU	0.8	1.5	5.1	1.89	0.28	6.65	1071.	56.	3.
2772	0000	-635	37.1107	81.6196	OMUU	0.8	1.7	5.1	2.21	0.34	6.41	1105.	56.	2.
2773	0000	-634	37.1107	81.6202	OMUU	0.8	1.8	5.1	2.26	0.36	6.29	1125.	56.	1.
2774	0000	-634	37.1106	81.6208	OMUU	0.8	2.2 +	5.2	2.77	0.42 +	6.55	1173.	55.	1.
2775	0000	-634	37.1106	81.6214	OMUU	0.8	2.4 +	5.2	3.17	0.46 +	6.91	1198.	56.	1.
2776	0000	-634	37.1106	81.6220	OMUU	0.8	2.5 ++	5.1	3.26	0.50 +	6.51	1235.	56.	0.
2777	0000	-631	37.1106	81.6226	OMUU	0.8	2.4 +	5.3	2.88	0.44 +	6.53	1264.	56.	0.
2778	0000	-629	37.1105	81.6232	OMUU	0.8	2.4 ++	5.8	3.09	0.42 +	7.34	1293.	57.	0.
2779	0000	-628	37.1105	81.6238	OMUU	0.8	2.4 +	5.9	3.14	0.41 +	7.60	1310.	58.	0.
2780	0000	-626	37.1105	81.6243	OMUU	0.7	2.5 ++	6.1	3.45	0.41 +	8.48	1332.	57.	0.
2781	0000	-625	37.1105	81.6250	OMUU	0.7	2.3 +	5.9	3.18	0.39 +	8.13	1325.	61.	1.
2782	0000	-626	37.1105	81.6256	OMUU	0.8	2.0 +	5.9	2.62	0.35	7.53	1321.	62.	2.
2783	0000	-625	37.1105	81.6261	OMUU	0.7	2.2 +	6.0	3.00	0.36	8.25	1298.	62.	3.
2784	0000	-623	37.1104	81.6268	OMUU	0.7	2.1 +	6.0	3.15	0.35	8.98	1279.	61.	3.
2785	0000	-622	37.1104	81.6273	OMUU	0.7	2.0	5.8	2.99	0.34	8.83	1247.	59.	4.
2786	0000	-622	37.1104	81.6279	OMUU	0.6	1.7	5.8	2.61	0.29	9.08	1220.	57.	6.
2787	0000	-622	37.1104	81.6285	OMUU	0.6	1.4	5.7	2.19	0.25	8.71	1180.	56.	6.
2788	0000	-620	37.1104	81.6291	OMUU	0.6	1.5	5.4	2.62	0.28	9.42	1152.	52.	7.
2789	0000	-619	37.1104	81.6297	OMUU	0.5	1.3	5.5	2.43	0.24	10.11	1117.	50.	7.
2790	0000	-618	37.1104	81.6303	OMUU	0.5	1.2	5.6	2.27	0.21	10.54	1125.	51.	7.
2791	0000	-617	37.1103	81.6309	OKU	0.5	1.3	5.2	2.37	0.25	9.62	1115.	51.	7.
2792	0000	-617	37.1103	81.6315	OKU	0.5	1.4	4.9	2.61	0.28	9.29	1104.	54.	6.
2793	0000	-614	37.1103	81.6321	OKU	0.5	1.6	4.4	2.88	0.36	8.10	1103.	56.	5.
2794	0000	-614	37.1103	81.6327	OKU	0.6	1.7	4.3	2.87	0.40	7.24	1119.	58.	5.
2795	0000	-614	37.1102	81.6333	OKU	0.7	1.7	4.2	2.56	0.40	6.47	1148.	58.	5.
2796	0000	-614	37.1102	81.6339	OKU	0.6	1.9	4.2	2.99	0.44 +	6.77	1176.	57.	5.
2797	0000	-612	37.1102	81.6344	OKU	0.6	2.0	4.1	3.57	0.48 +	7.39	1169.	56.	4.
2798	0000	-612	37.1102	81.6351	OKU	0.5	2.1 +	4.3	3.89	0.48 +	8.09	1157.	56.	4.
2799	0000	-611	37.1102	81.6357	OKU	0.5	1.9	4.5	3.48	0.42	8.33	1150.	55.	4.
2800	0000	-609	37.1102	81.6362	OKU	0.6	1.6	4.6	2.93	0.36	8.11	1132.	54.	5.
2801	0000	-608	37.1102	81.6369	OKU	0.5	1.7	4.5	3.33	0.38	8.80	1109.	53.	5.
2802	0000	-607	37.1101	81.6375	OKU	0.5	1.7	4.8	3.34	0.35	9.66	1098.	54.	5.
2803	0000	-605	37.1101	81.6380	OKU	0.5	1.5	5.0	2.98	0.31	9.60	1093.	53.	5.
2804	0000	-605	37.1101	81.6387	OKU	0.6	1.5	4.7	2.41	0.33	7.26	1109.	55.	5.
2805	0000	-607	37.1101	81.6392	OKU	0.8	1.4	4.8	1.74	0.29	5.98	1171.	54.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-606	37.1100	81.6398	OKU	0.9	1.5	4.6	1.82	0.33	5.47	1224.	54.	7.
2807	0000	-605	37.1100	81.6404	OKU	0.8	2.0	4.8	2.52	0.43	5.97	1273.	53.	7.
2808	0000	-603	37.1100	81.6410	OKU	0.8	2.1 +	4.6	2.53	0.45 +	5.50	1311.	54.	7.
2809	0000	-602	37.1099	81.6417	OKU	0.9	2.1 +	4.5	2.34	0.46 +	5.04 -	1342.	54.	8.
2810	0000	-600	37.1099	81.6422	OKU	0.9	2.2 +	4.3	2.33	0.50 +	4.66 -	1381.	57.	9.
2811	0000	-599	37.1099	81.6428	OKU	0.9	2.0	4.6	2.27	0.43 +	5.22	1389.	56.	10.
2812	0000	-598	37.1099	81.6434	OKU	0.8	2.1 +	4.6	2.56	0.46 +	5.52	1383.	57.	10.
2813	0000	-598	37.1099	81.6440	OKU	0.8	2.1 +	4.8	2.64	0.45 +	5.86	1390.	56.	10.
2814	0000	-597	37.1099	81.6446	OKU	0.9	2.0	4.9	2.37	0.41	5.76	1406.	54.	11.
2815	0000	-597	37.1099	81.6452	OKU	0.9	2.0	5.2	2.31	0.38	6.04	1405.	55.	11.
2816	0000	-596	37.1099	81.6458	OKU	0.8	2.1 +	5.2	2.73	0.42	6.55	1380.	55.	10.
2817	0000	-593	37.1098	81.6463	OKU	0.8	2.1 +	5.0	2.76	0.42	6.57	1330.	54.	9.
2818	0000	-592	37.1098	81.6470	OKU	0.7	2.1 +	4.7	2.95	0.45 +	6.50	1282.	53.	9.
2819	0000	-593	37.1098	81.6475	OKU	0.6	2.2 +	4.4	3.41	0.50 +	6.84	1224.	54.	8.
2820	0000	-594	37.1097	81.6482	CCR-1	0.6	2.3	4.1	4.00	0.57 +	7.07	1169.	55.	6.
2821	0000	-593	37.1097	81.6487	CCR-1	0.6	2.2	3.9	3.88	0.56 +	6.91	1118.	58.	5.
2822	0000	-592	37.1097	81.6493	CCR-1	0.6	2.2	3.7	3.69	0.60 +	6.21	1108.	56.	4.
2823	0000	-590	37.1097	81.6500	CCR-1	0.7	2.2	3.8	3.25	0.57 +	5.70	1128.	58.	3.
2824	0000	-589	37.1097	81.6505	CCR-1	0.7	2.4	3.9	3.54	0.62 ++	5.66	1164.	57.	2.
2825	0000	-590	37.1097	81.6511	CCR-1	0.8	2.5 +	4.1	3.35	0.62 ++	5.43	1219.	57.	2.
2826	0000	-591	37.1097	81.6517	CCR-1	0.9	2.5 +	4.5	2.92	0.56 +	5.25	1314.	54.	2.
2827	0000	-589	37.1097	81.6523	CCR-1	1.0	2.4	4.9	2.38	0.48	4.96	1391.	54.	3.
2828	0000	-591	37.1096	81.6529	CCR-1	1.0	2.5 +	5.3	2.42	0.47	5.10	1451.	53.	3.
2829	0000	-591	37.1096	81.6535	CCR-1	1.1	2.5 +	5.6	2.28	0.45	5.05	1481.	53.	4.
2830	0000	-588	37.1096	81.6541	CCR-1	1.1	2.5	5.5	2.19	0.44	4.95	1507.	52.	5.
2831	0000	-587	37.1095	81.6547	CCR-1	1.2	2.3	5.8	1.98	0.39	5.07	1540.	52.	5.
2832	0000	-587	37.1095	81.6553	CCR-1	1.2	2.2	5.9	1.92	0.38	5.05	1563.	53.	5.
2833	0000	-586	37.1095	81.6559	CCR-1	1.1	2.1	5.6	1.82	0.37	4.96	1528.	57.	6.
2834	0000	-584	37.1095	81.6565	CCR-1	1.1	2.1	5.3	1.91	0.39	4.87	1496.	56.	5.
2835	0000	-580	37.1095	81.6571	CCR-1	1.0	2.0	5.1	1.97	0.40	4.89	1471.	56.	5.
2836	0000	-578	37.1095	81.6576	CCR-1	1.0	2.3	5.0	2.34	0.45	5.17	1473.	55.	4.
2837	0000	-580	37.1095	81.6583	CCR-1	0.9	2.4	5.3	2.71	0.46	5.88	1460.	55.	4.
2838	0000	-579	37.1094	81.6589	CCR-1	0.9	2.5 +	5.4	2.92	0.47	6.26	1444.	55.	3.
2839	0000	-578	37.1094	81.6594	CCR-1	0.8	2.6 +	5.4	3.06	0.48	6.36	1429.	54.	3.
2840	0000	-578	37.1094	81.6600	CCR-1	0.8	2.9 +	5.4	3.58	0.53 +	6.72	1442.	53.	2.
2841	0000	-576	37.1094	81.6607	CCR-1	0.7	3.1 ++	5.4	4.33 +	0.58 +	7.47	1453.	53.	1.
2842	0000	-574	37.1093	81.6612	CCR-1	0.8	3.2 ++	5.7	4.27 +	0.57 +	7.53	1502.	52.	1.
2843	0000	-573	37.1093	81.6618	CCR-1	0.7	3.1 ++	5.8	4.18	0.54 +	7.69	1526.	53.	1.
2844	0000	-572	37.1093	81.6624	CCR-1	0.8	3.3 ++	5.6	4.28 +	0.59 +	7.27	1568.	55.	1.
2845	0000	-572	37.1093	81.6630	CCR-1	0.8	3.3 ++	5.6	4.23 +	0.59 +	7.13	1604.	55.	1.
2846	0000	-572	37.1093	81.6636	CCR-1	0.8	3.3 ++	5.9	3.90	0.56 +	6.95	1656.	55.	3.
2847	0000	-571	37.1093	81.6642	CCR-1	0.9	3.3 ++	6.2	3.78	0.52 +	7.21	1685.	55.	4.
2848	0000	-572	37.1093	81.6648	CCR-1	0.9	3.3 ++	6.5 +	3.59	0.50 +	7.14	1713.	54.	5.
2849	0000	-569	37.1092	81.6654	CCR-1	0.9	3.0 +	6.4 +	3.37	0.47	7.09	1698.	55.	6.
2850	0000	-566	37.1092	81.6660	CCR-1	0.9	3.0 +	6.4 +	3.19	0.48	6.71	1699.	56.	7.
2851	0000	-568	37.1092	81.6666	CCR-1	1.0	2.8 +	6.6 +	2.81	0.43	6.60	1708.	53.	7.
2852	0000	-566	37.1092	81.6672	CCR-1	1.0	2.8 +	6.8 +	2.77	0.41	6.70	1719.	53.	7.
2853	0000	-564	37.1091	81.6678	CCR-1	1.0	2.7 +	6.9 +	2.59	0.39	6.62	1725.	54.	6.
2854	0000	-565	37.1091	81.6683	CCR-1	1.1	2.8 +	7.1 +	2.58	0.40	6.46	1748.	54.	5.
2855	0000	-564	37.1091	81.6690	CCR-1	1.1	2.7 +	7.2 +	2.38	0.37	6.39	1770.	56.	5.
2856	0000	-563	37.1091	81.6695	CCR-1	1.2	2.8 +	7.2 +	2.37	0.39	6.02	1793.	56.	3.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-565	37.1091	81.6701	CCR-1	1.2	3.0 +	7.3 +	2.57	0.41	6.20	1811.	57.	2.
2858	0000	-564	37.1091	81.6708	CCR-1	1.3 +	3.0 +	7.3 +	2.34	0.41	5.77	1852.	60.	2.
2859	0000	-559	37.1091	81.6713	CCR-1	1.6 +	2.9 +	7.2 +	1.84	0.40	4.57	1977.	62.	2.
2860	0000	-557	37.1090	81.6719	CCR-1	1.9 +	2.9 +	7.2 +	1.50	0.40	3.76 -	2090.	61.	1.
2861	0000	-557	37.1090	81.6725	CCR-1	2.3 ++	2.7 +	6.8 +	1.17 -	0.39	2.99 -	2216.	62.	1.
2862	0000	-558	37.1090	81.6731	CCR-1	2.7 ++	2.5 +	6.7 +	0.95 -	0.38	2.50 --	2343.	63.	0.
2863	0000	-560	37.1090	81.6737	CCR-1	3.1 ++	2.4	6.7 +	0.78 --	0.36	2.17 --	2524.	63.	0.
2864	0000	-560	37.1089	81.6743	CCR-1	3.6 ++	2.3	7.1 +	0.64 --	0.33	1.97 --	2744.	61.	0.
2865	0000	-559	37.1089	81.6749	CCR-1	3.9 +++	2.2	7.1 +	0.57 --	0.31	1.81 --	2885.	61.	0.
2866	0000	-558	37.1089	81.6755	CCR-1	3.9 ++	2.0	6.9 +	0.52 --	0.29	1.76 --	2867.	60.	1.
2867	0000	-557	37.1089	81.6761	CN	3.8 +	2.1	6.6	0.55 -	0.32	1.73 -	2825.	60.	2.
2868	0000	-556	37.1089	81.6766	CN	3.8 +	1.9	6.5	0.51 -	0.30	1.72 -	2766.	61.	3.
2869	0000	-555	37.1089	81.6773	CN	3.6 +	2.1	6.3	0.58 -	0.33	1.76 -	2723.	59.	4.
2870	0000	-555	37.1088	81.6779	CN	3.3 +	2.1	6.4	0.63 -	0.33	1.92 -	2621.	60.	4.
2871	0000	-555	37.1088	81.6784	CN	3.0 +	1.9	6.0	0.64 -	0.32	1.99 -	2492.	60.	6.
2872	0000	-555	37.1088	81.6791	CN	2.9 +	1.8	6.2	0.62 -	0.29 -	2.16 -	2411.	58.	6.
2873	0000	-553	37.1088	81.6796	CN	2.8 +	1.9	6.6	0.66 -	0.28 -	2.33 -	2426.	58.	6.
2874	0000	-550	37.1088	81.6802	CN	2.9 +	1.9	7.2	0.66 -	0.27 -	2.50	2501.	60.	7.
2875	0000	-551	37.1087	81.6808	CN	2.9 +	2.3	7.3 +	0.80	0.32	2.52	2583.	57.	7.
2876	0000	-551	37.1087	81.6814	CN	3.1 +	2.4	7.3 +	0.79	0.33	2.39	2674.	56.	6.
2877	0000	-548	37.1087	81.6820	CN	3.3 +	2.4	7.6 +	0.74 -	0.32	2.33 -	2791.	58.	7.
2878	0000	-546	37.1086	81.6826	CN	3.6 +	2.7 +	7.7 +	0.75 -	0.34	2.18 -	2937.	57.	6.
2879	0000	-545	37.1086	81.6832	CN	3.8 +	3.0 +	7.8 +	0.79	0.39	2.04 -	3083.	55.	6.
2880	0000	-545	37.1086	81.6838	CN	4.1 +	3.0 +	7.7 +	0.73 -	0.39	1.86 -	3196.	55.	6.
2881	0000	-546	37.1086	81.6844	CN	4.3 +	3.0 +	8.0 +	0.71 -	0.38	1.87 -	3276.	53.	6.
2882	0000	-543	37.1086	81.6850	CN	4.4 +	2.9 +	8.1 +	0.66 -	0.36	1.81 -	3338.	55.	6.
2883	0000	-541	37.1086	81.6856	CN	4.6 +	2.7 +	8.8 ++	0.60 -	0.31	1.94 -	3400.	54.	5.
2884	0000	-544	37.1086	81.6862	CN	4.7 +	2.6	9.2 ++	0.55 -	0.28 -	1.95 -	3448.	54.	5.
2885	0000	-545	37.1086	81.6867	CHK-2	4.8 +	2.4	9.0 +	0.51 -	0.27	1.89 -	3442.	54.	4.
2886	0000	-542	37.1085	81.6874	CHK-2	4.7 +	2.3	8.8 +	0.49 -	0.27	1.85 -	3415.	56.	3.
2887	0000	-543	37.1085	81.6880	CHK-2	4.6 +	2.4	8.9 +	0.53 -	0.27	1.95 -	3347.	55.	2.
2888	0000	-544	37.1085	81.6885	CHK-2	4.4 +	2.4	8.2	0.55 -	0.30	1.86 -	3241.	56.	2.
2889	0000	-543	37.1084	81.6891	CHK-2	4.3 +	2.3	8.4	0.52 -	0.27	1.93 -	3166.	55.	2.
2890	0000	-542	37.1084	81.6898	CHK-2	4.2 +	2.1	7.7	0.51 -	0.28	1.84 -	3066.	57.	2.
2891	0000	-540	37.1084	81.6904	CHK-2	4.0 +	2.2	7.2	0.54 -	0.31	1.78 -	2960.	57.	3.
2892	0000	-540	37.1084	81.6909	CHK-2	4.0 +	2.0	7.5	0.51 -	0.27	1.89 -	2937.	57.	4.
2893	0000	-541	37.1084	81.6915	CHK-2	3.9 +	2.0	7.6	0.51 -	0.26 -	1.97 -	2904.	60.	4.
2894	0000	-540	37.1084	81.6922	CHK-2	3.9 +	1.9 -	7.0	0.49 -	0.27	1.82 -	2894.	62.	5.
2895	0000	-538	37.1084	81.6927	CHK-2	3.8 +	2.0	7.1	0.53 -	0.29	1.85 -	2863.	63.	4.
2896	0000	-539	37.1084	81.6933	CHK-2	3.7 +	2.0	6.7	0.54 -	0.29	1.85 -	2785.	64.	5.
2897	0000	-539	37.1083	81.6939	CHK-2	3.5 +	2.0	7.0	0.58 -	0.29	1.98 -	2749.	62.	5.
2898	0000	-536	37.1083	81.6945	CHK-2	3.3 +	2.0	7.1	0.60 -	0.29	2.12 -	2700.	60.	5.
2899	0000	-535	37.1083	81.6951	CHK-2	3.0 +	2.1	6.8	0.71 -	0.31	2.29 -	2540.	60.	4.
2900	0000	-536	37.1082	81.6957	CHK-2	2.7 +	2.0	6.5 -	0.75 -	0.31	2.42 -	2374.	59.	3.
2901	0000	-534	37.1082	81.6963	CHK-2	2.3	2.1	6.9	0.89 -	0.30	2.93	2217.	58.	3.
2902	0000	-534	37.1082	81.6969	CHK-2	2.1	2.0	6.8	0.95	0.30	3.24	2101.	57.	3.
2903	0000	-534	37.1082	81.6974	CHK-2	2.0	1.9 -	7.0	0.97	0.27	3.55	2026.	61.	3.
2904	0000	-532	37.1082	81.6981	CHK-2	1.9	2.0	7.4	1.06	0.27	3.96	1960.	63.	3.
2905	0000	-532	37.1082	81.6987	CHK-2	1.8	2.1	7.4	1.17	0.29	4.10	1935.	62.	3.
2906	0000	-531	37.1082	81.6992	CR-1	1.8	2.0	8.3	1.14	0.25	4.64	1963.	63.	3.
2907	0000	-530	37.1082	81.6998	CR-1	1.7	2.0	8.3	1.20	0.24	4.98	1919.	63.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-531	37.1081	81.7004	CR-1	1.6	2.0	8.2	1.24	0.25	5.02	1871.	61.	3.
2909	0000	-529	37.1081	81.7009	CR-1	1.6	1.7	8.3	1.12	0.21	5.34	1823.	60.	3.
2910	0000	-528	37.1081	81.7014	CR-1	1.5	1.8	8.1	1.21	0.22	5.54	1772.	54.	3.
2911	0000	-530	37.1081	81.7020	CR-1	1.3	1.6	7.5	1.21	0.21	5.79	1675.	53.	3.
2912	0000	-530	37.1081	81.7025	CR-1	1.1	1.5	7.3	1.35	0.21	6.50	1548.	55.	2.
2913	0000	-530	37.1080	81.7030	CR-1	1.0	1.5 -	6.4	1.50	0.23	6.47	1419.	55.	3.
2914	0000	-529	37.1080	81.7036	CR-1	1.0	1.6	6.4	1.61	0.25	6.50	1409.	53.	4.
2915	0000	-527	37.1081	81.7040	CR-1	1.1	1.5	7.0	1.41	0.21	6.56	1460.	54.	5.
2916	0000	-527	37.1080	81.7045	CR-1	1.1	1.5	7.0	1.38	0.22	6.24	1507.	54.	6.
2917	0000	-530	37.1080	81.7051	CR-1	1.0	1.7	7.1	1.69	0.24	7.06	1498.	57.	6.
2918	0000	-528	37.1080	81.7056	CR-1	1.0	1.9	7.3	1.89	0.26	7.35	1497.	58.	7.
2919	0000	-528	37.1080	81.7061	CR-1	1.0	1.8	7.4	1.83	0.25	7.38	1525.	57.	7.
2920	0000	-528	37.1080	81.7067	CR-1	1.0	2.0	7.3	1.96	0.27	7.15	1558.	55.	6.
2921	0000	-525	37.1080	81.7072	CR-1	1.0	1.9	7.2	1.94	0.27	7.31	1550.	56.	7.
2922	0000	-523	37.1080	81.7077	CR-1	0.9	1.9	7.2	2.14	0.27	7.93	1512.	56.	6.
2923	0000	-526	37.1080	81.7083	CR-1	0.9	2.1	7.4	2.42	0.29	8.43 +	1514.	56.	6.
2924	0000	-526	37.1080	81.7087	CR-1	1.0	2.1	7.6	2.24	0.28	8.00	1574.	53.	6.
2925	0000	-524	37.1080	81.7093	CR-1	1.0	2.6 +	7.5	2.67 +	0.34	7.84	1657.	53.	4.
2926	0000	-524	37.1080	81.7099	CR-1	1.0	2.7 +	7.7	2.67 +	0.35	7.55	1735.	53.	5.
2927	0000	-523	37.1080	81.7103	CR-1	1.1	2.9 ++	8.2	2.78 +	0.36	7.73	1793.	54.	4.
2928	0000	-522	37.1080	81.7108	CR-1	1.1	2.9 ++	8.5	2.52	0.34	7.44	1862.	55.	4.
2929	0000	-521	37.1080	81.7114	DB-2	1.1	3.0 +	8.2	2.66	0.37 +	7.17	1896.	54.	3.
2930	0000	-520	37.1080	81.7119	DB-2	1.1	3.2 +	8.4	2.86 +	0.38 +	7.56	1904.	56.	2.
2931	0000	-520	37.1080	81.7124	DB-2	1.1	3.2 ++	8.3	2.90 +	0.39 +	7.39	1899.	56.	1.
2932	0000	-520	37.1080	81.7130	DB-2	1.2	3.0 +	8.4	2.58	0.36 +	7.24	1875.	53.	1.
2933	0000	-518	37.1080	81.7135	DB-2	1.1	3.1 +	8.0	2.89 +	0.38 +	7.54	1806.	51.	1.
2934	0000	-517	37.1080	81.7140	DB-2	1.0	2.8 +	8.0	2.63	0.35 +	7.61	1754.	50.	1.
2935	0000	-518	37.1080	81.7146	DB-2	0.9	2.9 +	7.8	3.07 +	0.37 +	8.28	1692.	52.	1.
2936	0000	-516	37.1080	81.7151	DB-2	0.9	3.0 +	7.5	3.42 +	0.40 +	8.47	1653.	51.	1.
2937	0000	-513	37.1080	81.7156	DB-2	0.9	3.1 +	7.0	3.58 +	0.44 ++	8.14	1597.	51.	1.
2938	0000	-514	37.1080	81.7162	DB-2	0.8	2.8 +	6.8	3.44 +	0.41 +	8.36	1530.	53.	1.
2939	0000	-514	37.1080	81.7167	DB-2	0.7 -	2.6	6.6 -	3.62 +	0.40 +	9.08	1455.	56.	2.
2940	0000	-513	37.1080	81.7172	DB-2	0.7 -	2.5	6.5 -	3.47 +	0.39 +	8.92	1429.	54.	2.
2941	0000	-513	37.1080	81.7178	DB-2	0.7 -	2.5	6.1 -	3.66 +	0.41 +	9.02	1382.	55.	3.
2942	0000	-512	37.1080	81.7182	DB-2	0.7 -	2.5	5.9 -	3.75 +	0.42 +	8.88	1356.	53.	3.
2943	0000	-510	37.1080	81.7188	DB-2	0.7 -	2.1	6.1 -	3.04 +	0.34 +	8.81	1319.	56.	3.
2944	0000	-512	37.1080	81.7192	DB-2	0.8 -	1.9	6.1 -	2.45	0.31	8.02	1320.	55.	3.
2945	0000	-511	37.1080	81.7198	DB-2	0.8	1.9	6.2 -	2.30	0.31	7.43	1345.	53.	3.
2946	0000	-510	37.1080	81.7204	DB-2	0.9	1.9	6.4 -	2.15	0.30	7.12	1399.	53.	3.
2947	0000	-510	37.1080	81.7208	MG	0.9	1.9	6.6	2.02	0.29	6.98	1440.	54.	4.
2948	0000	-509	37.1080	81.7214	MG	1.1	2.0	7.1	1.90	0.28	6.66	1520.	53.	4.
2949	0000	-509	37.1080	81.7219	MG	1.2	2.3	7.5	1.87	0.30	6.19	1643.	53.	4.
2950	0000	-509	37.1079	81.7224	MG	1.3 +	2.7	8.2	2.05	0.33	6.23	1792.	51.	5.
2951	0000	-508	37.1079	81.7230	MG	1.3 +	2.7	8.6 +	2.04	0.32	6.41	1865.	51.	5.
2952	0000	-508	37.1079	81.7235	MG	1.4 +	2.6	9.2 +	1.90	0.29	6.61	1902.	52.	5.
2953	0000	-507	37.1079	81.7240	MG	1.4 +	2.7	9.2 +	1.89	0.29	6.54	1915.	52.	5.
2954	0000	-507	37.1079	81.7245	MG	1.5 +	2.5	9.4 +	1.69	0.27	6.32	1935.	54.	5.
2955	0000	-506	37.1079	81.7250	MG	1.5 +	2.4	9.3 +	1.67	0.26	6.34	1963.	56.	5.
2956	0000	-504	37.1079	81.7256	MG	1.5 +	2.2	9.5 +	1.47 -	0.23 -	6.36	1960.	55.	5.
2957	0000	-504	37.1079	81.7261	MG	1.5 +	1.9	9.3 +	1.25 -	0.20 -	6.23	1932.	56.	5.
2958	0000	-503	37.1079	81.7266	MG	1.5 +	2.0	9.6 +	1.30 -	0.21 -	6.32	1963.	56.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-501	37.1079	81.7272		MG	1.5 ++	2.1	9.4 +	1.37 -	0.22 -	6.15 -	1999.	57.	5.
2960	0000	-502	37.1079	81.7277		MG	1.5 ++	2.1	9.6 +	1.37 -	0.22 -	6.28	2022.	56.	6.
2961	0000	-501	37.1079	81.7282		MG	1.5 +	2.1	9.6 +	1.41 -	0.22 -	6.44	1998.	58.	5.
2962	0000	-499	37.1079	81.7287		MG	1.4 +	2.1	9.2 +	1.46 -	0.23 -	6.42	1914.	57.	6.
2963	0000	-499	37.1079	81.7293		MG	1.3 +	1.7	8.7 +	1.33 -	0.20 -	6.66	1810.	58.	6.
2964	0000	-497	37.1079	81.7298		MG	1.3 +	1.5 -	8.2	1.22 -	0.19 -	6.54	1709.	59.	6.
2965	0000	-496	37.1079	81.7303		MG	1.2	1.3 -	7.9	1.09 -	0.16 --	6.78	1606.	58.	7.
2966	0000	-498	37.1079	81.7309		MG	1.1	1.1 -	7.3	1.04 -	0.15 --	6.89	1537.	58.	8.
2967	0000	-498	37.1079	81.7314		MG	1.0	1.2 -	7.0	1.22 -	0.18 -	6.81	1494.	58.	8.
2968	0000	-497	37.1079	81.7319		MG	1.0	1.1 -	7.6	1.08 -	0.15 --	7.36	1505.	57.	9.
2969	0000	-497	37.1079	81.7325		MG	1.1	1.2 -	7.6	1.12 -	0.16 --	6.90	1539.	55.	9.
2970	0000	-497	37.1079	81.7330		MG	1.1	1.5 -	7.6	1.37 -	0.19 -	7.13	1542.	58.	9.
2971	0000	-497	37.1079	81.7335		MG	1.0	1.5 -	7.8	1.48 -	0.20 -	7.55	1540.	56.	8.
2972	0000	-498	37.1079	81.7341		MG	1.1	1.7 -	6.9	1.54 -	0.24	6.43	1553.	59.	9.
2973	0000	-495	37.1079	81.7345		MG	1.1	2.1	6.8	1.87	0.30	6.20	1552.	59.	8.
2974	0000	-494	37.1079	81.7350		MG	1.2	2.1	6.5	1.83	0.33	5.54 -	1552.	58.	7.
2975	0000	-493	37.1079	81.7356		MG	1.2	2.2	5.9 -	1.80	0.38	4.78 --	1582.	54.	7.
2976	0000	-489	37.1079	81.7361		MG	1.2	2.0	6.2	1.65	0.33	5.02 -	1606.	57.	6.
2977	0000	-488	37.1079	81.7366		MG	1.3 +	2.1	6.2	1.59	0.34	4.67 --	1658.	55.	7.
2978	0000	-487	37.1078	81.7371		MG	1.4 +	2.4	5.8 -	1.77	0.42 +	4.24 --	1724.	57.	7.
2979	0000	-484	37.1078	81.7377		MG	1.4 +	2.4	6.7	1.70	0.36	4.77 --	1764.	55.	7.
2980	0000	-483	37.1078	81.7382		MG	1.5 +	2.3	6.7	1.59	0.34	4.60 --	1805.	56.	8.
2981	0000	-484	37.1078	81.7387		MG	1.4 +	2.1	7.4	1.46 -	0.28	5.20 -	1836.	57.	8.
2982	0000	-482	37.1078	81.7392		MG	1.4 +	2.1	7.9	1.54 -	0.27	5.71 -	1835.	58.	9.
2983	0000	-480	37.1078	81.7398		MG	1.4 +	2.2	8.3	1.60	0.26	6.03 -	1818.	58.	9.
2984	0000	-479	37.1078	81.7403		MG	1.3 +	2.2	8.0	1.70	0.27	6.20	1764.	60.	8.
2985	0000	-479	37.1078	81.7408		MG	1.2	2.2	8.1	1.81	0.27	6.65	1720.	59.	6.
2986	0000	-478	37.1078	81.7413		MG	1.2	2.4	8.1	2.03	0.29	6.97	1692.	59.	5.
2987	0000	-476	37.1078	81.7419		MG	1.1	2.0	8.5	1.87	0.24	7.86	1627.	58.	5.
2988	0000	-474	37.1078	81.7424		MG	1.0	1.9	7.9	1.89	0.25	7.72	1534.	57.	4.
2989	0000	-473	37.1078	81.7429		MG	0.9	1.8	6.9	2.05	0.27	7.65	1418.	58.	3.
2990	0000	-471	37.1078	81.7434		MG	0.8	1.8	5.9 -	2.31	0.30	7.75	1299.	55.	3.
2991	0000	-469	37.1078	81.7440		MG	0.7 -	1.7 -	5.7 -	2.53	0.29	8.62	1205.	53.	2.
2992	0000	-469	37.1078	81.7445		MG	0.6 -	1.5 -	5.2 -	2.51	0.29	8.80	1101.	52.	2.
2993	0000	-469	37.1078	81.7450		MMCC	0.5 -	1.3 -	4.9 -	2.63	0.26	9.94	1001.	54.	2.
2994	0000	-466	37.1078	81.7456		MMCC	0.4 -	1.3 -	4.5 -	3.16	0.30	10.69	949.	52.	2.
2995	0000	-464	37.1078	81.7461		MMCC	0.4 -	1.5 -	4.4 -	3.63 +	0.33	11.00	928.	55.	2.
2996	0000	-466	37.1077	81.7466		MMCC	0.4 --	1.6	4.4 -	4.28 +	0.37 +	11.68 +	925.	55.	2.
2997	0000	-466	37.1077	81.7472		MMCC	0.4 -	1.7	4.6 -	4.17 +	0.37 +	11.15 +	946.	57.	2.
2998	0000	-463	37.1077	81.7477		MMCC	0.4 -	1.9	4.8 -	4.31 +	0.39 +	11.07	979.	57.	2.
2999	0000	-463	37.1077	81.7482		MMCC	0.5 -	1.7	4.9 -	3.40 +	0.34	9.87	1005.	57.	2.
3000	0000	-461	37.1077	81.7488		MMCC	0.5 -	1.7	4.6 -	3.10	0.37 +	8.48	1027.	54.	3.
3001	0000	-458	37.1077	81.7492		MMCC	0.5 -	1.8	4.7 -	3.36 +	0.38 +	8.76	1027.	56.	3.
3002	0000	-457	37.1077	81.7497		MMCC	0.5 -	1.7	4.7 -	3.11	0.36	8.69	1031.	54.	2.
3003	0000	-458	37.1077	81.7503		MMCC	0.6 -	1.6	5.1 -	2.72	0.31	8.75	1030.	52.	2.
3004	0000	-457	37.1077	81.7508		MMCC	0.6 -	1.5	5.2 -	2.55	0.29	8.68	1026.	52.	2.
3005	0000	-457	37.1077	81.7513		MPR-1	0.6	1.3 -	5.4	2.02	0.24	8.58	1028.	54.	3.
3006	0000	-457	37.1077	81.7519		MPR-1	0.7	1.4	5.7	2.07	0.24	8.66	1058.	54.	2.
3007	0000	-456	37.1077	81.7524		MPR-1	0.7	1.3 -	5.9	1.86	0.22	8.37	1079.	57.	1.
3008	0000	-456	37.1077	81.7529		MPR-1	0.8	1.3 -	5.9	1.62	0.21	7.62	1126.	57.	2.
3009	0000	-454	37.1077	81.7535		MPR-1	0.8	1.6	6.1	1.97	0.26	7.63	1175.	56.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-452	37.1077	81.7540	MPR-1	0.9	1.4	6.4	1.65	0.22	7.42	1229.	59.	2.
3011	0000	-453	37.1077	81.7545	MPR-1	0.9	1.5	6.5	1.79	0.24	7.56	1272.	59.	3.
3012	0000	-453	37.1077	81.7550	MPR-1	0.8	1.8	6.0	2.12	0.29	7.21	1287.	59.	3.
3013	0000	-450	37.1077	81.7555	MPR-1	0.8	1.9	5.6	2.27	0.33	6.94	1274.	61.	3.
3014	0000	-448	37.1077	81.7561	MPR-1	0.8	2.0	5.5	2.51	0.35	7.11	1264.	59.	3.
3015	0000	-446	37.1077	81.7566	MPR-1	0.8	1.9	5.3	2.55	0.36 +	7.03	1238.	59.	3.
3016	0000	-444	37.1077	81.7571	MPR-1	0.8	1.8	5.2	2.38	0.34	6.96	1232.	56.	4.
3017	0000	-443	37.1077	81.7577	MPR-1	0.7	2.1	4.9	2.92	0.43 +	6.84	1242.	55.	3.
3018	0000	-442	37.1077	81.7582	MPR-1	0.8	2.1	4.9 -	2.75	0.43 +	6.38	1268.	54.	4.
3019	0000	-442	37.1077	81.7587	MPR-1	0.8	2.0	5.3	2.48	0.37 +	6.68	1294.	52.	5.
3020	0000	-441	37.1077	81.7592	DB-2	0.8	1.9	5.6 -	2.34	0.34 +	6.87	1329.	53.	6.
3021	0000	-440	37.1077	81.7597	DB-2	0.8	1.8	5.5 -	2.11	0.32	6.52	1372.	55.	8.
3022	0000	-438	37.1077	81.7603	DB-2	0.9	1.7	5.9 -	1.86	0.29	6.39	1425.	55.	8.
3023	0000	-438	37.1077	81.7608	DB-2	1.0	1.6 -	6.0 -	1.59	0.26	6.19	1433.	57.	8.
3024	0000	-439	37.1077	81.7613	DB-2	1.0	1.3 -	6.3 -	1.28 -	0.20	6.27	1437.	58.	9.
3025	0000	-437	37.1077	81.7619	DB-2	1.0	1.3 -	6.5 -	1.31	0.20	6.60	1424.	57.	9.
3026	0000	-435	37.1077	81.7624	DB-2	1.0	1.2 -	6.5 -	1.17 -	0.18 -	6.35	1449.	58.	9.
3027	0000	-435	37.1076	81.7628	DB-2	1.1	1.3 -	6.9	1.22 -	0.19 -	6.32	1498.	56.	9.
3028	0000	-437	37.1076	81.7635	DB-2	1.1	1.8	6.9	1.71	0.26	6.51	1535.	55.	7.
3029	0000	-435	37.1076	81.7639	DB-2	1.0	2.2	6.7 -	2.17	0.33	6.51	1522.	56.	5.
3030	0000	-434	37.1076	81.7644	DB-2	1.0	2.3	6.6 -	2.29	0.34 +	6.66	1507.	57.	5.
3031	0000	-434	37.1076	81.7650	DB-2	1.0	2.4	6.1 -	2.47	0.39 +	6.40	1462.	56.	4.
3032	0000	-435	37.1076	81.7655	DB-2	0.9	2.3	5.8 -	2.43	0.39 +	6.24	1431.	57.	4.
3033	0000	-432	37.1076	81.7660	DB-2	0.9	2.3	5.7 -	2.47	0.40 +	6.14	1382.	58.	3.
3034	0000	-430	37.1076	81.7666	DB-2	0.8	2.2	5.5 -	2.62	0.40 +	6.60	1315.	58.	3.
3035	0000	-430	37.1076	81.7671	DB-2	0.8	1.5 -	5.6 -	1.79	0.27	6.59	1255.	57.	4.
3036	0000	-427	37.1076	81.7676	DB-2	0.8	1.3 -	5.7 -	1.53	0.22	6.78	1244.	56.	5.
3037	0000	-426	37.1076	81.7682	DB-2	0.8	1.3 -	6.1 -	1.60	0.22	7.31	1276.	55.	5.
3038	0000	-428	37.1076	81.7687	DB-2	0.9	1.1 -	6.6 -	1.28 -	0.17 -	7.58	1313.	56.	6.
3039	0000	-428	37.1076	81.7692	DB-2	1.0	1.0 --	7.4	1.00 -	0.13 --	7.58	1371.	55.	7.
3040	0000	-426	37.1076	81.7697	MPR-1	1.0	1.2 -	7.5	1.12 -	0.16 -	7.24	1445.	55.	7.
3041	0000	-424	37.1076	81.7703	MPR-1	1.1	1.1 -	7.5	1.02 -	0.15 --	6.94	1489.	54.	8.
3042	0000	-426	37.1076	81.7708	MPR-1	1.0	1.4	7.4	1.36 -	0.19 -	7.08	1504.	56.	7.
3043	0000	-425	37.1076	81.7713	MPR-1	1.1	1.4	7.4	1.30 -	0.19 -	6.92	1503.	58.	6.
3044	0000	-421	37.1076	81.7718	MPR-1	1.1	1.3 -	7.2	1.21 -	0.18 -	6.71	1464.	58.	6.
3045	0000	-420	37.1076	81.7724	MPR-1	1.0	1.7	6.7	1.65	0.25	6.66	1429.	57.	5.
3046	0000	-420	37.1076	81.7729	MPR-1	1.0	1.7	5.9	1.80	0.29	6.19	1368.	58.	4.
3047	0000	-420	37.1076	81.7734	MPR-1	0.9	1.6	5.8	1.86	0.28	6.64	1286.	55.	4.
3048	0000	-419	37.1076	81.7739	MPR-1	0.9	1.6	5.4	1.82	0.29	6.30	1217.	56.	3.
3049	0000	-416	37.1076	81.7744	MPR-1	0.8	1.4	4.9	1.67	0.28	5.99	1167.	54.	4.
3050	0000	-416	37.1076	81.7750	MP	0.8	1.1	5.0	1.47	0.23	6.40	1130.	52.	5.
3051	0000	-416	37.1076	81.7755	MP	0.8	1.2	4.9	1.50	0.24	6.31	1110.	50.	6.
3052	0000	-414	37.1076	81.7760	MP	0.8	0.9 -	4.6 -	1.16	0.19	6.09	1076.	51.	7.
3053	0000	-414	37.1075	81.7766	MP	0.7 -	0.9 -	4.5 -	1.31	0.20	6.43	1037.	51.	8.
3054	0000	-414	37.1075	81.7771	MP	0.7 -	0.8 -	4.2 -	1.22	0.20	6.27	1002.	53.	9.
3055	0000	-412	37.1075	81.7776	MP	0.6 -	0.8 -	4.0 -	1.29	0.20	6.44	967.	52.	10.
3056	0000	-412	37.1075	81.7782	MP	0.6 -	0.8 -	4.1 -	1.28	0.20	6.51	955.	51.	10.
3057	0000	-411	37.1075	81.7786	MP	0.6 -	0.9 -	3.7 -	1.45	0.23	6.19	937.	51.	11.
3058	0000	-411	37.1075	81.7791	MP	0.6 -	0.7 -	3.6 -	1.04 -	0.18 -	5.65	925.	54.	11.
3059	0000	-410	37.1075	81.7797	MP	0.6 -	0.8 -	3.5 -	1.18	0.21	5.52	952.	54.	11.
3060	0000	-409	37.1075	81.7802	MP	0.7 -	0.8 -	3.9 -	1.20	0.22	5.55	997.	55.	10.

CP 9 IP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-408	37.1075	81.7807	MP	0.7 -	1.0 -	4.0 -	1.36	0.25	5.48	1049.	56.	9.
3062	0000	-408	37.1075	81.7813	MP	0.8	1.2	4.2 -	1.50	0.29	5.20 -	1116.	57.	8.
3063	0000	-406	37.1075	81.7818	MP	0.8	1.3	4.1 -	1.58	0.32 +	4.91 -	1142.	59.	7.
3064	0000	-405	37.1075	81.7823	MP	0.9	1.4	4.4 -	1.57	0.31 +	5.07 -	1177.	56.	6.
3065	0000	-404	37.1075	81.7829	MP	0.8	1.6	4.5 -	1.88 +	0.35 +	5.30 -	1208.	55.	6.
3066	0000	-403	37.1075	81.7834	MP	0.9	1.5	4.5 -	1.67	0.33 +	5.11 -	1218.	57.	6.
3067	0000	-403	37.1075	81.7839	PPL	0.9	1.4	4.6 -	1.57	0.31	5.10 -	1242.	55.	6.
3068	0000	-404	37.1075	81.7845	PPL	0.9	1.3	4.8 -	1.38	0.27	5.16	1251.	55.	6.
3069	0000	-403	37.1075	81.7850	PPL	0.9	1.1 -	5.2	1.17 -	0.21	5.53	1277.	53.	8.
3070	0000	-400	37.1075	81.7855	PPL	1.0	0.9 -	5.7	0.97 -	0.16 -	5.88	1326.	52.	9.
3071	0000	-399	37.1075	81.7860	PPL	1.0	1.2 -	5.7	1.19	0.21	5.72	1404.	54.	9.
3072	0000	-399	37.1075	81.7866	PPL	1.0	1.2 -	6.5	1.17 -	0.18 -	6.51	1477.	56.	9.
3073	0000	-397	37.1075	81.7870	PPL	1.1	1.4	6.9	1.32	0.21 -	6.38	1558.	53.	9.
3074	0000	-395	37.1075	81.7876	PPL	1.1	1.4	7.2 +	1.29	0.20 -	6.46	1617.	52.	9.
3075	0000	-394	37.1075	81.7882	PPL	1.2	1.4	7.8 +	1.19	0.18 -	6.48	1702.	52.	9.
3076	0000	-393	37.1075	81.7886	PPL	1.2	1.7	8.0 +	1.34	0.21	6.47	1745.	54.	9.
3077	0000	-393	37.1075	81.7892	PPL	1.3 +	2.0 +	8.2 +	1.57	0.25	6.35	1786.	54.	8.
3078	0000	-392	37.1075	81.7897	PPL	1.4 +	1.9	8.3 ++	1.37	0.23	6.00	1795.	54.	8.
3079	0000	-389	37.1075	81.7902	PPL	1.5 +	1.9	8.1 +	1.30	0.24	5.49	1809.	52.	8.
3080	0000	-389	37.1075	81.7908	PPL	1.4 +	1.9	8.2 +	1.31	0.23	5.73	1814.	53.	8.
3081	0000	-390	37.1075	81.7913	PPL	1.5 +	2.1 +	8.0 +	1.43	0.26	5.44	1831.	53.	8.
3082	0000	-385	37.1075	81.7918	PPL	1.5 +	2.2 +	8.1 +	1.50	0.27	5.52	1815.	52.	7.
3083	0000	-383	37.1075	81.7923	PPL	1.5 +	2.1 +	8.1 +	1.42	0.26	5.52	1824.	52.	6.
3084	0000	-384	37.1075	81.7928	PPL	1.5 +	1.9 +	8.2 +	1.28	0.24	5.44	1842.	51.	6.
3085	0000	-384	37.1075	81.7932	PPL	1.4 +	2.1 +	8.3 ++	1.46	0.25	5.71	1833.	50.	5.
3086	0000	-386	37.1075	81.7937	PPL	1.4 +	2.1 +	7.8 +	1.48	0.27	5.51	1788.	52.	4.
3087	0000	-388	37.1074	81.7942	PPL	1.4 +	2.0 +	7.8 +	1.42	0.25	5.66	1748.	50.	3.
3088	0000	-386	37.1074	81.7946	PPL	1.3	1.9 +	7.7 +	1.52	0.25	6.09	1672.	53.	2.
3089	0000	-387	37.1074	81.7950	PPL	1.2	1.9 +	7.4 +	1.59	0.26	6.09	1630.	54.	2.
3090	0000	-388	37.1074	81.7955	PPL	1.2	1.9 +	7.0	1.63	0.27	5.98	1583.	54.	1.
3091	0000	-386	37.1074	81.7960	PPL	1.1	2.1 +	6.8	1.89	0.30	6.29	1532.	53.	1.
3092	0000	-388	37.1074	81.7964	PPL	1.1	1.9	6.6	1.69	0.29	5.86	1509.	54.	1.
3093	0000	-388	37.1074	81.7968	PPL	1.2	1.9	6.8	1.56	0.28	5.64	1521.	53.	1.
3094	0000	-386	37.1074	81.7973	PPL	1.2	1.8	6.5	1.45	0.27	5.31	1524.	55.	2.
3095	0000	-389	37.1074	81.7977	PPL	1.3	1.6	6.3	1.31	0.26	5.04 -	1550.	53.	3.
3096	0000	-390	37.1074	81.7982	PPL	1.3 +	1.5	6.4	1.16 -	0.23	4.98 -	1545.	55.	5.
3097	0000	-387	37.1074	81.7987	PPL	1.3	1.3	6.4	1.00 -	0.20 -	5.08 -	1525.	55.	7.
3098	0000	-386	37.1074	81.7991	PPL	1.3	1.2 -	6.4	0.94 -	0.19 -	5.01 -	1506.	55.	8.
3099	0000	-387	37.1074	81.7995	PPL	1.2	1.1 -	6.4	0.94 -	0.18 -	5.31	1475.	56.	10.
3100	0000	-385	37.1074	81.8000	PPL	1.1	1.1 -	6.6	0.93 -	0.16 -	5.79	1466.	59.	10.
3101	0000	-384	37.1074	81.8004	PPL	1.1	1.0 -	6.8	0.91 -	0.15 -	6.10	1465.	59.	10.
3102	0000	-385	37.1074	81.8009	PPL	1.1	1.0 -	7.0	0.87 --	0.14 --	6.26	1440.	58.	10.
3103	0000	-386	37.1074	81.8013	PPL	1.1	1.1 -	6.8	1.03 -	0.17 -	6.21	1435.	56.	9.
3104	0000	-384	37.1074	81.8018	PPL	1.1	1.3	6.7	1.18	0.19 -	6.18	1437.	56.	7.
3105	0000	-381	37.1074	81.8022	PPL	1.1	1.1 -	6.8	0.99 -	0.16 -	6.15	1442.	59.	6.
3106	0000	-383	37.1074	81.8027	PPL	1.1	1.1 -	6.8	0.96 -	0.16 -	6.09	1452.	58.	5.
3107	0000	-384	37.1074	81.8031	PPL	1.1	1.4	6.3	1.27	0.22	5.90	1421.	55.	4.
3108	0000	-383	37.1074	81.8036	PPL	1.0	1.5	6.0	1.52	0.26	5.92	1382.	52.	2.
3109	0000	-384	37.1074	81.8040	PPL	1.0	1.6	5.9	1.56	0.26	5.96	1344.	53.	2.
3110	0000	-385	37.1074	81.8045	PPL	1.0	1.4	5.7	1.46	0.26	5.73	1294.	55.	1.
3111	0000	-384	37.1074	81.8050	PPL	0.9	1.4	5.3	1.48	0.26	5.67	1248.	56.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-385	37.1074	81.8054		PPL	0.9	1.4	5.1	1.59	0.28	5.78	1205.	52.	1.
3113	0000	-385	37.1074	81.8058		PPNG	0.8 -	1.4	5.4	1.68	0.26	6.47 +	1159.	50.	0.
3114	0000	-384	37.1074	81.8063		PPNG	0.8 -	1.2	5.5	1.44	0.22	6.58 +	1126.	51.	1.
3115	0000	-383	37.1074	81.8068		PPNG	0.8 -	1.2	5.1	1.44	0.24	6.07 -	1094.	54.	1.
3116	0000	-384	37.1074	81.8072		PPNG	0.8 -	1.3	4.8 -	1.58	0.27	5.96	1095.	53.	2.
3117	0000	-385	37.1074	81.8077		PPNG	0.8 -	1.3	4.5 -	1.59	0.28	5.72	1102.	53.	3.
3118	0000	-385	37.1074	81.8081		PPNG	0.8 -	1.4	4.5 -	1.73	0.31	5.61	1118.	52.	4.
3119	0000	-385	37.1074	81.8086		PPNG	0.9	1.4	4.5 -	1.59	0.31	5.05	1124.	52.	4.
3120	0000	-385	37.1074	81.8090		PPNG	0.9 -	1.3	4.1 -	1.50	0.31	4.77 -	1127.	56.	5.
3121	0000	-385	37.1074	81.8094		PPNG	0.9	1.3	4.1 -	1.39	0.31	4.44 -	1161.	55.	5.
3122	0000	-385	37.1073	81.8099		PPNG	1.0	1.2	4.3 -	1.24	0.28	4.50 -	1189.	55.	5.
3123	0000	-385	37.1073	81.8104		PPNG	1.0	1.0 -	4.4 -	1.04 -	0.23	4.56 -	1195.	57.	5.
3124	0000	-384	37.1073	81.8108		PPNG	1.0	1.2	4.7 -	1.22	0.25	4.79 -	1214.	54.	4.
3125	0000	-384	37.1073	81.8113		PPNG	1.0	1.4	4.7 -	1.38	0.30	4.66 -	1238.	53.	4.
3126	0000	-383	37.1073	81.8117		PPNG	1.0	1.3	5.0	1.24	0.26	4.82 -	1275.	54.	4.
3127	0000	-384	37.1073	81.8121		PPNG	1.1	1.3	5.2	1.17	0.25	4.67 -	1334.	51.	5.
3128	0000	-385	37.1073	81.8126		PPNG	1.1	1.2	5.6	1.07	0.21	5.10	1351.	51.	5.
3129	0000	-384	37.1073	81.8130		PPNG	1.1	1.2	5.3	1.04 -	0.22	4.76 -	1355.	50.	5.
3130	0000	-384	37.1073	81.8135		PPNG	1.1	1.3	5.3	1.12	0.24	4.67 -	1359.	50.	5.
3131	0000	-386	37.1073	81.8139		PPNG	1.1	1.2	5.2	1.12	0.24	4.73 -	1345.	49.	5.
3132	0000	-386	37.1073	81.8144		PPNG	1.0	1.0 -	5.2	0.99 -	0.20	5.00	1298.	50.	5.
3133	0000	-386	37.1073	81.8149		PPNG	1.0	1.0 -	4.8 -	1.06	0.21	5.02	1226.	49.	5.
3134	0000	-387	37.1073	81.8153		PPNG	0.9 -	1.0 -	4.4 -	1.21	0.24	5.14	1137.	53.	5.
3135	0000	-386	37.1073	81.8157		PPNG	0.8 -	1.1 -	4.1 -	1.42	0.27	5.29	1069.	53.	4.
3136	0000	-387	37.1073	81.8162		PPNG	0.7 --	1.2	4.1 -	1.79 +	0.29	6.06	1017.	54.	4.
3137	0000	-389	37.1073	81.8167		PPNG	0.6 --	1.2	4.0 --	1.85 +	0.30	6.23 +	991.	53.	5.
3138	0000	-388	37.1073	81.8171		PPNG	0.6 --	1.0 -	3.9 --	1.55	0.26	6.02	965.	54.	6.
3139	0000	-388	37.1073	81.8176		PPNG	0.6 --	0.9 -	3.9 --	1.38	0.23	6.12	962.	55.	7.
3140	0000	-389	37.1073	81.8180		PPNG	0.6 --	0.9 -	3.9 --	1.57	0.24	6.63 +	963.	59.	7.
3141	0000	-389	37.1073	81.8185		PPNG	0.6 --	0.9 -	4.1 -	1.41	0.21	6.73 +	971.	57.	7.
3142	0000	-390	37.1073	81.8189		PPNG	0.6 --	0.8 -	3.9 --	1.27	0.21	6.00	977.	58.	7.
3143	0000	-389	37.1073	81.8194		PPNG	0.7 --	0.8 -	4.0 --	1.18	0.20	6.01	990.	57.	7.
3144	0000	-390	37.1073	81.8198		PPNG	0.7 --	0.8 -	3.8 --	1.25	0.22	5.77	991.	59.	6.
3145	0000	-393	37.1073	81.8203		PPNG	0.7 --	1.1 -	4.0 --	1.74	0.29	6.07	1024.	57.	4.
3146	0000	-393	37.1073	81.8208		PPNG	0.7 --	1.2	4.1 -	1.72	0.28	6.09	1061.	58.	3.
3147	0000	-392	37.1073	81.8212		PPNG	0.8 -	1.2	4.6 -	1.57	0.27	5.79	1123.	56.	2.
3148	0000	-392	37.1073	81.8217		PPNG	0.9 -	1.4	4.7 -	1.60	0.29	5.56	1192.	56.	2.
3149	0000	-392	37.1073	81.8221		PPNG	0.9	1.3	4.7 -	1.47	0.28	5.16	1228.	57.	2.
3150	0000	-394	37.1073	81.8226		PPNG	1.0	1.2	5.0 -	1.22	0.25	4.86	1271.	57.	3.
3151	0000	-396	37.1073	81.8230		PPNG	1.1	1.3	5.1	1.15	0.25	4.64 -	1309.	56.	4.
3152	0000	-396	37.1072	81.8234		PPNG	1.2	1.0 -	5.5	0.88 -	0.19 -	4.72 -	1330.	56.	5.
3153	0000	-396	37.1072	81.8239		PPNG	1.2	1.0 -	5.6	0.84 -	0.18 -	4.62 -	1348.	54.	6.
3154	0000	-396	37.1072	81.8244		PPNG	1.2	1.0 -	5.1	0.83 -	0.19 -	4.26 -	1355.	55.	7.
3155	0000	-398	37.1072	81.8248		PPNG	1.2	0.9 -	4.9 -	0.72 -	0.18 -	3.92 --	1357.	54.	8.
3156	0000	-400	37.1072	81.8252		PPNG	1.3	1.1 -	5.2	0.84 -	0.20	4.11 --	1398.	54.	8.
3157	0000	-400	37.1072	81.8257		PPNG	1.3	1.2	5.8	0.89 -	0.20	4.45 -	1472.	54.	8.
3158	0000	-400	37.1072	81.8261		PPNG	1.4	1.3	5.8	0.92 -	0.22	4.26 -	1563.	54.	9.
3159	0000	-401	37.1072	81.8266		PPNG	1.5 +	1.6	6.0	1.03 -	0.26	3.93 --	1671.	54.	9.
3160	0000	-401	37.1072	81.8270		PPNG	1.6 +	1.6	6.0	1.01 -	0.27	3.69 --	1765.	53.	9.
3161	0000	-402	37.1072	81.8275		PPNG	1.6 +	1.7	6.2	1.05 -	0.28	3.79 --	1794.	51.	9.
3162	0000	-402	37.1072	81.8279		PPNG	1.6 +	1.8	6.5	1.12	0.28	4.02 --	1803.	52.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-404	37.1072	81.8284	PPNG	1.6 +	1.8	6.7	1.10	0.27	4.09 --	1776.	51.	8.
3164	0000	-406	37.1072	81.8289	PPNG	1.6 +	1.7	6.2	1.11	0.28	3.97 --	1686.	52.	8.
3165	0000	-407	37.1072	81.8293	PPNG	1.4	1.5	6.3	1.08	0.25	4.38 -	1579.	52.	7.
3166	0000	-407	37.1073	81.8297	PPNG	1.2	1.3	5.9	1.02 -	0.21	4.80 -	1456.	54.	7.
3167	0000	-408	37.1073	81.8302	PPNG	1.1	1.2	6.0	1.06	0.20 -	5.45	1354.	57.	6.
3168	0000	-409	37.1073	81.8307	PPNG	1.1	1.2	6.1	1.15	0.20	5.77	1316.	61.	5.
3169	0000	-411	37.1073	81.8311	PPNG	1.0	1.3	5.7	1.33	0.23	5.77	1290.	59.	4.
3170	0000	-412	37.1073	81.8315	PPNG	0.9	1.3	5.7	1.39	0.22	6.21 +	1265.	57.	3.
3171	0000	-413	37.1073	81.8320	PPNG	0.9 -	1.4	5.6	1.66	0.25	6.55 +	1242.	58.	2.
3172	0000	-414	37.1072	81.8325	PPNG	0.8 -	1.5	5.5	1.81 +	0.27	6.69 +	1216.	60.	1.
3173	0000	-415	37.1072	81.8329	PPNG	0.8 -	1.4	5.3	1.72	0.26	6.52 +	1185.	60.	1.
3174	0000	-416	37.1072	81.8334	PPNG	0.8 -	1.5	5.0	1.84 +	0.30	6.25 +	1160.	58.	0.
3175	0000	-420	37.1072	81.8338	PPNG	0.7 -	1.4	5.1	1.90 +	0.28	6.84 ++	1129.	56.	0.
3176	0000	-420	37.1072	81.8343	PPNG	0.7 -	1.4	5.3	1.95 +	0.26	7.48 +++	1117.	56.	0.
3177	0000	-417	37.1072	81.8347	PPNG	0.7 -	1.5	5.2	1.97 +	0.28	7.01 ++	1127.	58.	0.
3178	0000	-417	37.1072	81.8352	PPNG	0.8 -	1.5	5.2	1.79 +	0.29	6.27 +	1161.	56.	0.
3179	0000	-419	37.1072	81.8356	PPNG	0.9 -	1.4	5.3	1.66	0.27	6.06	1210.	54.	1.
3180	0000	-421	37.1072	81.8361	PPNG	0.9	1.6	5.6	1.71	0.28	6.19 +	1257.	53.	1.
3181	0000	-423	37.1072	81.8365	PPNG	0.9	1.5	5.8	1.59	0.26	6.21 +	1294.	53.	2.
3182	0000	-425	37.1072	81.8370	PPNG	1.0	1.4	5.9	1.32	0.23	5.69	1343.	52.	2.
3183	0000	-425	37.1072	81.8374	PPNG	1.1	1.3	6.0	1.17	0.22	5.37	1382.	53.	2.
3184	0000	-425	37.1072	81.8378	PPNG	1.1	1.5	5.9	1.34	0.25	5.40	1415.	52.	2.
3185	0000	-427	37.1072	81.8383	PPNG	1.1	1.5	6.0	1.43	0.26	5.59	1430.	53.	3.
3186	0000	-428	37.1072	81.8387	PPNG	1.1	1.7	5.9	1.54	0.29	5.38	1464.	57.	3.
3187	0000	-427	37.1072	81.8392	PPNG	1.2	1.7	6.4	1.45	0.26	5.54	1527.	57.	4.
3188	0000	-429	37.1072	81.8397	PPNG	1.3	1.8	6.4	1.39	0.28	5.00	1593.	57.	4.
3189	0000	-429	37.1072	81.8401	PPNG	1.3	1.8	6.6	1.36	0.27	4.97	1669.	56.	6.
3190	0000	-432	37.1072	81.8405	PPNG	1.5 +	1.7	7.3	1.16	0.24	4.91	1790.	56.	9.
3191	0000	-434	37.1072	81.8410	PPNG	1.7 +	1.5	8.5 +	0.90 -	0.18 -	5.07	1951.	57.	10.
3192	0000	-432	37.1072	81.8415	PPNG	1.8 +	1.5	8.9 +	0.81 -	0.17 -	4.91	2063.	55.	11.
3193	0000	-434	37.1072	81.8419	PPNG	1.9 +	1.3	9.5 ++	0.69 -	0.13 -	5.12	2102.	51.	12.
3194	0000	-438	37.1072	81.8423	PPNG	1.9 +	1.4	9.3 +	0.73 -	0.15 -	4.97	2093.	52.	12.
3195	0000	-437	37.1072	81.8428	PPNG	1.8 +	1.6	9.3 +	0.88 -	0.17 -	5.24	2067.	55.	11.
3196	0000	-439	37.1072	81.8433	PPNG	1.7 +	1.7	9.1 +	0.98 -	0.19 -	5.26	2019.	53.	9.
3197	0000	-442	37.1072	81.8437	PPNG	1.6 +	1.7	8.7 +	1.08	0.20	5.46	1898.	53.	7.
3198	0000	-439	37.1072	81.8442	PPNG	1.4	1.8	7.5	1.23	0.23	5.27	1750.	53.	6.
3199	0000	-439	37.1072	81.8446	PPNG	1.3	1.8	7.3	1.38	0.25	5.53	1636.	52.	4.
3200	0000	-442	37.1072	81.8451	PPNG	1.3	1.8	6.7	1.42	0.27	5.29	1562.	56.	3.
3201	0000	-442	37.1072	81.8455	PPNG	1.2	1.8	6.5	1.48	0.28	5.33	1505.	56.	2.
3202	0000	-444	37.1072	81.8460	PPNG	1.2	1.4	6.5	1.21	0.22	5.47	1453.	56.	2.
3203	0000	-446	37.1072	81.8464	PPNG	1.1	1.4	6.1	1.28	0.23	5.54	1399.	56.	2.
3204	0000	-446	37.1072	81.8469	PPNG	1.1	1.5	5.7	1.37	0.26	5.36	1364.	58.	2.
3205	0000	-448	37.1071	81.8473	PPNG	1.0	1.4	5.4	1.38	0.26	5.24	1331.	57.	3.
3206	0000	-448	37.1071	81.8478	PPNG	1.0	1.3	5.3	1.28	0.25	5.20	1325.	58.	3.
3207	0000	-447	37.1071	81.8483	PPNG	1.0	1.4	5.5	1.42	0.26	5.46	1332.	54.	3.
3208	0000	-449	37.1071	81.8487	PPNG	1.0	1.4	5.5	1.46	0.26	5.64	1340.	56.	3.
3209	0000	-449	37.1071	81.8492	PPNG	1.0	1.7	5.4	1.68	0.32	5.32	1361.	57.	3.
3210	0000	-449	37.1071	81.8496	PPNG	1.1	1.7	5.8	1.59	0.29	5.43	1401.	58.	3.
3211	0000	-451	37.1071	81.8501	PPNG	1.1	1.8	6.0	1.74	0.31	5.62	1440.	56.	3.
3212	0000	-451	37.1071	81.8504	PPNG	1.1	1.9	6.2	1.78	0.31	5.70	1451.	56.	3.
3213	0000	-451	37.1071	81.8510	PPNG	1.1	1.9	6.2	1.78	0.31	5.78	1444.	58.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 762

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-453	37.1071	81.8514	PPNG	1.1	1.8	6.1	1.72	0.30	5.73	1410.	58.	3.
3215	0000	-454	37.1071	81.8518	PPNG	1.0	1.8	5.8	1.76	0.31	5.59	1379.	56.	2.
3216	0000	-455	37.1071	81.8524	PPNG	1.0	1.7	5.9	1.73	0.29	6.00	1337.	56.	2.
3217	0000	-456	37.1071	81.8527	PPNG	0.9	1.8	5.5	1.99 +	0.33 +	6.01	1286.	56.	2.
3218	0000	-459	37.1071	81.8532	PPNG	0.9	1.7	5.5	1.84 +	0.31	5.97	1251.	57.	1.
3219	0000	-461	37.1071	81.8536	PPNG	0.9 -	1.7	5.6	1.92 +	0.30	6.37 +	1236.	57.	1.
3220	0000	-460	37.1071	81.8541	PPNG	0.9	1.8	5.4	1.88 +	0.32 +	5.79	1245.	55.	1.
3221	0000	-460	37.1071	81.8545	PPNG	0.9	1.8	5.5	1.96 +	0.33 +	5.88	1256.	55.	1.
3222	0000	-461	37.1071	81.8550	PPNG	1.0	1.9	5.7	1.90 +	0.33 +	5.78	1273.	56.	1.
3223	0000	-461	37.1071	81.8555	PPNG	1.0	1.9	5.7	1.94 +	0.34 +	5.74	1283.	57.	0.
3224	0000	-464	37.1071	81.8559	PPNG	1.0	1.9	5.7	1.79 +	0.33 +	5.44	1296.	56.	1.
3225	0000	-464	37.1071	81.8564	PPNG	1.0	1.9	5.6	1.92 +	0.35 +	5.55	1286.	56.	1.
3226	0000	-463	37.1071	81.8568	PPNG	1.0	1.9	5.6	1.89 +	0.34 +	5.62	1285.	55.	1.
3227	0000	-465	37.1071	81.8573	PPNG	0.9	1.6	5.9	1.75	0.28	6.23 +	1275.	55.	2.
3228	0000	-467	37.1071	81.8577	PPNG	0.9	1.8	5.7	1.88 +	0.31	6.00	1284.	55.	3.
3229	0000	-467	37.1071	81.8582	PPNG	1.0	1.6	5.5	1.65	0.28	5.81	1269.	53.	4.
3230	0000	-469	37.1071	81.8586	PPNG	1.0	1.5	5.5	1.57	0.27	5.77	1259.	52.	5.
3231	0000	-471	37.1071	81.8591	PPNG	0.9	1.4	5.5	1.57	0.26	6.10	1262.	50.	5.
3232	0000	-471	37.1071	81.8595	PPNG	0.9	1.4	5.5	1.53	0.25	6.10	1263.	49.	6.
3233	0000	-472	37.1070	81.8599	PPNG	0.9	1.3	5.1	1.36	0.25	5.39	1251.	49.	7.
3234	0000	-473	37.1070	81.8604	PPNG	0.9	1.2	4.9 -	1.32	0.25	5.33	1226.	50.	7.
3235	0000	-473	37.1070	81.8609	PPNG	0.9	1.0 -	5.0	1.04 -	0.19 -	5.35	1202.	50.	7.
3236	0000	-474	37.1070	81.8613	PPNG	0.9	1.1 -	4.9 -	1.24	0.23	5.45	1190.	53.	7.
3237	0000	-475	37.1070	81.8618	PPNG	0.9	1.1 -	4.6 -	1.20	0.23	5.21	1175.	53.	7.
3238	0000	-477	37.1070	81.8622	PPNG	0.9	1.1 -	4.6 -	1.22	0.23	5.24	1153.	56.	6.
3239	0000	-478	37.1070	81.8627	PPNG	0.9	1.1 -	4.5 -	1.22	0.24	5.12	1144.	57.	6.
3240	0000	-477	37.1070	81.8631	PPNG	0.9 -	1.0 -	4.7 -	1.15	0.21	5.37	1146.	59.	5.
3241	0000	-477	37.1070	81.8636	PPNG	0.9	1.2	4.7 -	1.33	0.26	5.18	1179.	59.	4.
3242	0000	-480	37.1070	81.8640	PPNG	0.9	1.5	4.9 -	1.63	0.31	5.28	1239.	58.	4.
3243	0000	-480	37.1070	81.8644	PPNG	1.1	1.7	5.1	1.59	0.33 +	4.81 -	1352.	56.	4.
3244	0000	-478	37.1070	81.8650	PPNG	1.1	1.7	5.8	1.51	0.30	5.07	1459.	56.	4.
3245	0000	-478	37.1070	81.8654	PPNG	1.3	1.9	6.1	1.48	0.31	4.83	1561.	55.	4.
3246	0000	-480	37.1070	81.8658	PPNG	1.4	1.9	6.3	1.40	0.31	4.55 -	1655.	54.	4.
3247	0000	-480	37.1070	81.8662	PPNG	1.5 +	2.4 +	6.4	1.60	0.36 +	4.38 -	1773.	52.	4.
3248	0000	-481	37.1071	81.8668	PPNG	1.5 +	2.9 ++	6.7	1.89 +	0.43 ++	4.35 -	1896.	50.	4.
3249	0000	-483	37.1071	81.8674	PPNG	1.7 +	3.0 +++	7.1	1.84 +	0.43 ++	4.27 -	2007.	49.	4.
3250	0000	-483	37.1071	81.8679	PPNG	1.7 +	3.1 +++	7.8 +	1.86 +	0.40 ++	4.69 -	2038.	50.	4.
3251	0000	-484	37.1071	81.8685	PPNG	1.7 +	3.1 +++	7.4	1.87 +	0.42 ++	4.41 -	2020.	48.	4.
3252	0000	-488	37.1071	81.8690	PPNG	1.7 +	2.9 ++	7.0	1.73	0.41 ++	4.21 -	1954.	47.	4.
3253	0000	-488	37.1071	81.8696	PPNG	1.6 +	2.8 ++	6.8	1.76	0.41 ++	4.28 -	1880.	46.	4.
3254	0000	-487	37.1071	81.8700	PPNG	1.5 +	2.4 +	6.8	1.64	0.35 +	4.62 -	1782.	46.	4.
3255	0000	-489	37.1071	81.8706	PPNG	1.4	1.9	6.5	1.33	0.29	4.66 -	1640.	48.	5.
3256	0000	-487	37.1071	81.8712	PPNG	1.2	1.4	5.9	1.18	0.25	4.78 -	1473.	52.	5.
3257	0000	-486	37.1071	81.8717	PPNG	1.1	1.2	5.1	1.11	0.24	4.68 -	1339.	53.	5.
3258	0000	-489	37.1071	81.8722	PPNG	1.0	1.1 -	4.9 -	1.11	0.22	5.05	1266.	53.	6.
3259	0000	-489	37.1071	81.8728	PPNG	0.9 -	1.1 -	5.1	1.31	0.22	5.90	1227.	55.	5.
3260	0000	-489	37.1071	81.8733	PPNG	0.8 -	1.1 -	5.0 -	1.31	0.22	6.06	1194.	59.	6.
3261	0000	-492	37.1071	81.8738	PPNG	0.8 -	1.2	4.8 -	1.54	0.25	6.24 +	1170.	59.	5.
3262	0000	-492	37.1072	81.8744	PPNG	0.8 -	1.2	5.0	1.54	0.23	6.55 +	1169.	59.	5.
3263	0000	-491	37.1072	81.8749	PPNG	0.8 -	1.3	5.2	1.61	0.24	6.60 +	1190.	58.	4.
3264	0000	-491	37.1072	81.8754	PPNG	0.8 -	1.4	5.1	1.81 +	0.27	6.61 +	1203.	56.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293 PAGE 763

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3265	0000	-490	37.1072	81.8760	PPNG	0.8 -	1.5	5.3	1.89 +	0.28	6.71 +	1211.	57.	2.
3266	0000	-492	37.1072	81.8765	PPNG	0.9 -	1.6	5.2	1.88 +	0.31	6.14	1230.	56.	1.
3267	0000	-492	37.1072	81.8771	PPNG	0.9	1.8	5.4	1.98 +	0.33 +	6.07	1261.	53.	1.
3268	0000	-489	37.1072	81.8776	PPNG	1.0	1.8	5.6	1.84 +	0.32 +	5.73	1311.	54.	0.
3269	0000	-489	37.1072	81.8781	PPNG	1.0	1.9	5.6	1.91 +	0.33 +	5.76	1344.	53.	1.
3270	0000	-490	37.1072	81.8786	PPNG	1.0	1.9	5.9	2.00 +	0.33 +	6.07	1363.	52.	1.
3271	0000	-489	37.1072	81.8792	PPNG	1.0	1.9	6.0	1.85 +	0.32	5.85	1391.	55.	1.
3272	0000	-490	37.1073	81.8797	PPNG	1.0	2.0	6.0	1.91 +	0.33 +	5.81	1430.	55.	1.
3273	0000	-492	37.1073	81.8803	PPNG	1.0	2.0	6.2	1.93 +	0.33 +	5.95	1471.	55.	2.
3274	0000	-492	37.1072	81.8808	PPNG	1.0	2.0	6.1	1.95 +	0.33 +	5.93	1487.	54.	3.
3275	0000	-492	37.1072	81.8814	PPNG	1.0	1.7	6.1	1.72	0.28	6.15 +	1445.	54.	5.
3276	0000	-495	37.1072	81.8819	PPNG	1.0	1.5	5.7	1.45	0.26	5.49	1432.	56.	7.
3277	0000	-496	37.1073	81.8825	PPNG	1.1	1.3	5.4	1.27	0.25	5.14	1422.	55.	8.
3278	0000	-494	37.1073	81.8830	PPNG	1.1	1.2	5.7	1.16	0.22	5.28	1437.	53.	10.
3279	0000	-494	37.1073	81.8835	PPNG	1.1	1.1 -	5.7	0.98 -	0.19 -	5.21	1416.	52.	10.
3280	0000	-496	37.1073	81.8840	PPNG	1.1	1.1 -	5.7	0.99 -	0.19 -	5.34	1387.	52.	10.
3281	0000	-495	37.1073	81.8846	PPNG	1.0	1.0 -	5.6	0.98 -	0.18 -	5.37	1364.	52.	10.
3282	0000	-495	37.1073	81.8851	PPNG	1.0	1.2	5.6	1.11	0.21	5.40	1379.	51.	8.
3283	0000	-496	37.1073	81.8857	PPNG	1.0	1.4	5.9	1.36	0.23	5.91	1360.	51.	6.
3284	0000	-494	37.1073	81.8862	PPNG	1.0	1.5	5.7	1.52	0.25	6.00	1340.	52.	5.
3285	0000	-495	37.1073	81.8868	PPNG	0.9	1.5	5.5	1.63	0.27	5.97	1302.	54.	3.
3286	0000	-497	37.1074	81.8873	PPNG	0.9	1.5	5.3	1.62	0.29	5.63	1322.	55.	3.
3287	0000	-496	37.1074	81.8879	PPNG	1.0	1.4	5.2	1.42	0.27	5.18	1348.	55.	5.
3288	0000	-494	37.1074	81.8884	PPNG	1.1	1.4	5.3	1.29	0.26	4.96	1384.	58.	5.
3289	0000	-495	37.1074	81.8889	PPNG	1.1	1.3	5.2	1.23	0.26	4.73 -	1395.	59.	6.
3290	0000	-495	37.1074	81.8894	PPNG	1.1	1.4	5.2	1.28	0.27	4.68 -	1408.	59.	7.
3291	0000	-496	37.1074	81.8900	PPNG	1.2	1.3	5.3	1.09	0.24	4.56 -	1426.	59.	8.
3292	0000	-496	37.1074	81.8905	PPNG	1.2	1.2	5.5	1.01 -	0.22	4.57 -	1458.	58.	8.
3293	0000	-495	37.1074	81.8911	PPNG	1.2	1.3	6.4	1.05	0.20	5.15	1489.	59.	7.
3294	0000	-494	37.1074	81.8916	PPNG	1.3	1.6	6.9	1.27	0.23	5.40	1539.	57.	7.
3295	0000	-494	37.1074	81.8921	PPNG	1.3	1.8	6.9	1.41	0.26	5.38	1598.	55.	6.
3296	0000	-494	37.1075	81.8927	PPNG	1.3	2.0	7.1	1.46	0.27	5.32	1655.	57.	6.
3297	0000	-494	37.1074	81.8932	PPNG	1.4	2.0	7.5	1.41	0.27	5.31	1717.	57.	5.
3298	0000	-493	37.1074	81.8937	PPNG	1.4	2.1 +	7.8 +	1.50	0.27	5.48	1736.	56.	4.
3299	0000	-496	37.1074	81.8943	PPNG	1.4	2.2 +	7.5	1.63	0.30	5.47	1718.	56.	3.
3300	0000	-497	37.1074	81.8948	PPNG	1.3	2.3 +	6.6	1.75	0.34 +	5.10	1669.	54.	3.
3301	0000	-497	37.1075	81.8954	PPNG	1.2	2.1 +	6.1	1.74	0.34 +	5.15	1587.	55.	3.
3302	0000	-496	37.1075	81.8959	PPNG	1.1	1.7	6.1	1.45	0.27	5.31	1495.	55.	2.
3303	0000	-493	37.1075	81.8964	PPNG	1.1	1.5	6.1	1.37	0.25	5.53	1417.	53.	1.
3304	0000	-492	37.1075	81.8969	PPNG	1.1	1.4	6.0	1.32	0.24	5.59	1364.	51.	1.
3305	0000	-494	37.1075	81.8976	PPNG	1.0	1.4	5.7	1.31	0.24	5.43	1334.	52.	1.
3306	0000	-493	37.1075	81.8980	PPNG	1.0	1.3	5.6	1.23	0.23	5.45	1329.	53.	1.
3307	0000	-491	37.1075	81.8986	PPNG	1.0	1.2	5.9	1.15	0.20	5.72	1331.	54.	1.
3308	0000	-492	37.1075	81.8991	PPNG	1.1	1.2	6.2	1.14	0.20	5.74	1370.	54.	1.
3309	0000	-491	37.1075	81.8997	PPNG	1.1	1.3	6.1	1.24	0.22	5.66	1399.	54.	1.
3310	0000	-490	37.1076	81.9002	PPNG	1.1	1.6	6.1	1.46	0.26	5.59	1446.	54.	1.
3311	0000	-489	37.1076	81.9008	PPNG	1.1	1.6	6.1	1.44	0.26	5.56	1462.	55.	2.
3312	0000	-488	37.1075	81.9012	PPNG	1.1	1.6	6.3	1.44	0.25	5.74	1485.	54.	3.
3313	0000	-487	37.1075	81.9019	PPNG	1.1	1.7	6.3	1.54	0.27	5.71	1517.	54.	4.
3314	0000	-486	37.1075	81.9024	PPNG	1.2	1.8	6.2	1.50	0.28	5.28	1547.	54.	4.
3315	0000	-488	37.1076	81.9029	PPNG	1.2	1.7	6.4	1.44	0.27	5.37	1557.	56.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3316	0000	-489	37.1076	81.9034	PPNG	1.2	2.0	6.6	1.63	0.30	5.34	1597.	54.	4.
3317	0000	-487	37.1076	81.9040	PPNG	1.3	1.9	6.8	1.47	0.27	5.36	1603.	54.	4.
3318	0000	-484	37.1076	81.9045	PPNG	1.3	2.0	6.6	1.57	0.30	5.25	1623.	53.	3.
3319	0000	-486	37.1076	81.9051	PPNG	1.3	2.0	6.8	1.59	0.30	5.37	1631.	56.	2.
3320	0000	-485	37.1076	81.9056	PPNG	1.3	2.1 +	7.4	1.61	0.28	5.76	1664.	55.	1.
3321	0000	-483	37.1076	81.9061	PPNG	1.3	2.1 +	7.6	1.68	0.28	5.95	1685.	54.	1.
3322	0000	-482	37.1076	81.9067	PPNG	1.3	2.1 +	7.5	1.67	0.28	5.95	1676.	54.	1.
3323	0000	-480	37.1076	81.9072	PPNG	1.3	2.0	7.5	1.54	0.26	5.85	1661.	55.	1.
3324	0000	-480	37.1076	81.9077	PPNG	1.3	2.0	7.4	1.54	0.26	5.84	1663.	55.	2.
3325	0000	-481	37.1077	81.9083	PPNG	1.2	2.1 +	7.8 +	1.68	0.27	6.24 +	1633.	55.	2.
3326	0000	-481	37.1077	81.9088	PPNG	1.3	2.2 +	7.5	1.76	0.30	5.96	1623.	54.	2.
3327	0000	-480	37.1077	81.9094	PPNG	1.3	2.1	7.3	1.60	0.28	5.65	1591.	52.	3.
3328	0000	-479	37.1077	81.9099	PPNG	1.2	2.0	7.0	1.60	0.28	5.65	1544.	56.	3.
3329	0000	-478	37.1077	81.9104	PPNG	1.2	2.1 +	6.5	1.71	0.32	5.40	1505.	58.	4.
3330	0000	-478	37.1077	81.9110	PPNG	1.2	2.0	6.3	1.75	0.32 +	5.44	1481.	60.	3.
3331	0000	-476	37.1077	81.9115	PPNG	1.1	2.2 +	6.3	1.91 +	0.35 +	5.47	1458.	60.	2.
3332	0000	-473	37.1077	81.9121	PPNG	1.2	2.1 +	5.9	1.81 +	0.36 +	4.97	1472.	61.	3.
3333	0000	-473	37.1077	81.9126	PPNG	1.2	2.0	6.1	1.64	0.32 +	5.09	1502.	59.	3.
3334	0000	-472	37.1077	81.9132	PPNG	1.2	2.0	6.2	1.63	0.32	5.15	1504.	61.	2.
3335	0000	-471	37.1077	81.9137	PPNG	1.2	1.9	6.4	1.62	0.30	5.37	1524.	57.	2.
3336	0000	-470	37.1077	81.9142	PPNG	1.2	1.9	6.8	1.58	0.28	5.70	1568.	56.	3.
3337	0000	-469	37.1077	81.9148	PPNG	1.2	2.0	7.1	1.60	0.28	5.76	1620.	55.	4.
3338	0000	-467	37.1077	81.9154	PPNG	1.2	2.0	7.0	1.62	0.29	5.62	1652.	56.	5.
3339	0000	-466	37.1077	81.9158	PPNG	1.2	1.7	7.1	1.40	0.24	5.72	1657.	56.	7.
3340	0000	-465	37.1078	81.9164	PPNG	1.2	1.6	7.1	1.37	0.23	5.92	1632.	57.	7.
3341	0000	-463	37.1078	81.9169	PPNG	1.2	1.7	7.0	1.39	0.24	5.85	1615.	56.	8.
3342	0000	-461	37.1078	81.9175	PPNG	1.2	1.6	6.7	1.33	0.24	5.64	1575.	58.	9.
3343	0000	-461	37.1078	81.9180	PPNG	1.2	1.4	6.6	1.21	0.22	5.51	1534.	58.	9.
3344	0000	-460	37.1078	81.9186	PPNG	1.2	1.4	6.4	1.19	0.22	5.54	1468.	55.	8.
3345	0000	-459	37.1078	81.9191	PPNG	1.1	1.1 -	6.3	0.99 -	0.17 -	5.84	1405.	53.	7.
3346	0000	-458	37.1078	81.9196	PPNG	1.1	1.2	6.2	1.14	0.19 -	5.88	1358.	51.	6.
3347	0000	-455	37.1078	81.9202	PPNG	1.0	1.3	5.7	1.21	0.22	5.55	1304.	52.	5.
3348	0000	-456	37.1078	81.9207	PPNG	1.0	1.3	5.7	1.32	0.23	5.76	1269.	53.	4.
3349	0000	-456	37.1079	81.9212	PPNG	1.0	1.3	5.8	1.29	0.22	5.81	1277.	52.	3.
3350	0000	-453	37.1078	81.9218	PPNG	1.0	1.3	6.0	1.25	0.21	5.91	1274.	52.	2.
3351	0000	-450	37.1078	81.9223	PPNG	1.0	1.1 -	5.8	1.13	0.20	5.64	1244.	55.	2.
3352	0000	-448	37.1078	81.9229	PPNG	1.0	1.1 -	5.6	1.09	0.20	5.47	1219.	57.	3.
3353	0000	-446	37.1078	81.9234	PPNG	1.0	1.1 -	5.6	1.09	0.19 -	5.60	1203.	59.	3.
3354	0000	-446	37.1079	81.9239	PPNG	1.0	1.0 -	5.7	1.06	0.18 -	5.92	1214.	58.	4.
3355	0000	-446	37.1079	81.9244	PPNG	1.0	0.8 -	5.5	0.85 -	0.15 -	5.70	1218.	55.	5.
3356	0000	-444	37.1079	81.9250	PPNG	1.0	1.0 -	5.8	1.03 -	0.17 -	5.92	1254.	56.	6.
3357	0000	-442	37.1079	81.9255	PPNG	1.0	1.1 -	5.5	1.12	0.20	5.70	1271.	57.	7.
3358	0000	-441	37.1079	81.9261	PPNG	0.9	1.2 -	6.1	1.26	0.19 -	6.61 +	1305.	54.	6.
3359	0000	-440	37.1079	81.9266	PPNG	0.9	1.5	6.0	1.68	0.26	6.57 +	1360.	51.	5.
3360	0000	-438	37.1079	81.9272	PPNG	0.9	1.7	6.4	1.79 +	0.27	6.73 +	1420.	51.	5.
3361	0000	-435	37.1079	81.9277	PPNG	1.1	2.0	6.7	1.88 +	0.29	6.38 +	1481.	52.	4.
3362	0000	-433	37.1079	81.9282	PPNG	1.1	2.1 +	6.9	1.92 +	0.30	6.33 +	1525.	55.	2.
3363	0000	-432	37.1079	81.9287	PPNG	1.1	2.0	6.6	1.77	0.30	5.91	1527.	55.	2.
3364	0000	-428	37.1080	81.9294	PPNG	1.2	2.0	6.8	1.73	0.29	5.91	1537.	54.	0.
3365	0000	-425	37.1080	81.9298	PPNG	1.2	1.9	6.6	1.61	0.29	5.52	1537.	58.	0.
3366	0000	-424	37.1080	81.9304	PPNG	1.2	1.8	6.8	1.44	0.26	5.48	1537.	56.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3367	0000	-422	37.1080	81.9309	PPNG	1.2	1.6	6.6	1.28	0.24	5.37	1510.	56.	0.
3368	0000	-420	37.1079	81.9315	PPNG	1.1	1.4	6.2	1.24	0.23	5.43	1459.	57.	0.
3369	0000	-418	37.1080	81.9320	PPNG	1.1	1.4	6.1	1.24	0.23	5.48	1419.	55.	1.
3370	0000	-418	37.1080	81.9326	PPNG	1.0	1.6	5.9	1.49	0.26	5.63	1388.	53.	1.
3371	0000	-418	37.1080	81.9330	PPNG	1.1	1.4	5.9	1.34	0.24	5.56	1394.	54.	2.
3372	0000	-414	37.1080	81.9336	PPNG	1.1	1.4	6.4	1.36	0.22	6.06	1416.	55.	2.
3373	0000	-411	37.1080	81.9342	PPNG	1.0	1.4	6.3	1.35	0.22	6.11	1406.	58.	3.
3374	0000	-409	37.1080	81.9347	PPNG	1.0	1.4	6.0	1.33	0.23	5.79	1402.	60.	3.
3375	0000	-406	37.1080	81.9352	PPNG	1.1	1.3	6.2	1.21	0.20	5.90	1394.	59.	3.
3376	0000	-404	37.1080	81.9358	PPNG	1.1	1.3	6.3	1.20	0.20	5.96	1381.	60.	3.
3377	0000	-402	37.1080	81.9363	PPNG	1.1	1.0 -	6.6	0.93 -	0.15 -	6.13	1364.	60.	3.
3378	0000	-398	37.1081	81.9369	PPNG	1.0	1.1 -	6.3	1.04 -	0.17 -	6.25 +	1332.	60.	3.
3379	0000	-396	37.1081	81.9374	PPNG	1.0	1.2	6.0	1.22	0.20 -	6.24 +	1308.	60.	2.
3380	0000	-395	37.1081	81.9379	PPNG	1.0	1.3	6.0	1.26	0.21	6.00	1319.	59.	2.
3381	0000	-390	37.1081	81.9384	PPNG	1.0	1.4	6.4	1.40	0.22	6.41 +	1346.	57.	2.
3382	0000	-388	37.1081	81.9390	PPNG	1.0	1.5	6.6	1.50	0.23	6.46 +	1402.	56.	2.
3383	0000	-388	37.1081	81.9395	PPNG	1.0	1.8	6.8	1.85 +	0.27	6.83 ++	1444.	57.	2.
3384	0000	-384	37.1081	81.9401	PPNG	1.0	1.8	7.0	1.76	0.26	6.57 +	1477.	60.	2.
3385	0000	-381	37.1081	81.9406	PPNG	1.1	2.0	7.0	1.84 +	0.28	6.47 +	1485.	60.	3.
3386	0000	-379	37.1081	81.9411	PPNG	1.1	1.9	6.7	1.73	0.29	6.03	1457.	57.	3.
3387	0000	-375	37.1081	81.9416	PPNG	1.1	1.7	6.8	1.61	0.25	6.38 +	1419.	59.	3.
3388	0000	-373	37.1082	81.9422	PPNG	1.1	1.6	6.6	1.47	0.24	6.26 +	1380.	60.	4.
3389	0000	-370	37.1082	81.9427	PPNG	1.0	1.7	6.0	1.69	0.28	6.02	1332.	60.	4.
3390	0000	-366	37.1082	81.9433	PPNG	1.0	1.3	5.7	1.32	0.23	5.72	1304.	60.	5.
3391	0000	-364	37.1082	81.9438	PPNG	0.9	1.5	5.5	1.54	0.27	5.80	1281.	58.	4.
3392	0000	-362	37.1082	81.9444	PPNG	0.9	1.4	5.5	1.49	0.25	5.97	1280.	60.	4.
3393	0000	-359	37.1082	81.9449	PPNG	0.9	1.6	5.5	1.75	0.29	6.07	1293.	62.	4.
3394	0000	-357	37.1082	81.9455	PPNG	0.9	1.7	5.2	1.88 +	0.33 +	5.75	1318.	60.	4.
3395	0000	-354	37.1082	81.9459	PPNG	1.0	1.8	5.2	1.86 +	0.34 +	5.40	1346.	60.	4.
3396	0000	-352	37.1082	81.9465	PPNG	1.1	1.8	5.5	1.64	0.33 +	5.00	1409.	60.	4.
3397	0000	-350	37.1082	81.9471	PPNG	1.2	1.9	5.4	1.58	0.36 +	4.40 -	1493.	59.	4.
3398	0000	-347	37.1082	81.9476	PPNG	1.4	1.9	5.5	1.36	0.34 +	4.00 --	1564.	60.	4.
3399	0000	-346	37.1082	81.9481	PPNG	1.6 +	1.8	5.9	1.14	0.30	3.76 --	1653.	60.	5.
3400	0000	-344	37.1082	81.9487	PPNG	1.8 +	1.6	6.3	0.90 -	0.26	3.50 ---	1763.	59.	4.
3401	0000	-340	37.1082	81.9492	PPNG	2.0 ++	1.5	7.0	0.76 -	0.21	3.52 --	1881.	57.	4.
3402	0000	-338	37.1083	81.9498	PPNG	2.1 ++	1.8	7.5	0.84 -	0.24	3.54 --	1985.	56.	3.
3403	0000	-334	37.1083	81.9503	PPNG	2.2 ++	1.7	7.6	0.79 -	0.23	3.44 ---	2027.	59.	4.
3404	0000	-331	37.1083	81.9509	PPNG	2.2 ++	1.8	7.8 +	0.79 -	0.22	3.52 --	2037.	60.	3.
3405	0000	-329	37.1083	81.9514	PPNG	2.2 ++	1.9	8.0 +	0.88 -	0.24	3.63 --	2050.	60.	2.
3406	0000	-325	37.1083	81.9519	PPNG	2.1 ++	2.1 +	7.8 +	1.02 -	0.27	3.77 --	2001.	59.	1.
3407	0000	-323	37.1083	81.9524	PPNG	1.9 ++	2.2 +	7.4	1.16	0.30	3.87 --	1910.	60.	2.
3408	0000	-323	37.1083	81.9530	PPNG	1.7 +	2.3 +	7.0	1.35	0.33 +	4.08 --	1823.	59.	2.
3409	0000	-320	37.1083	81.9535	PPNG	1.6 +	1.8	6.7	1.11	0.26	4.25 -	1743.	60.	4.
3410	0000	-316	37.1083	81.9541	PPNG	1.5 +	1.6	6.9	1.04 -	0.23	4.58 -	1705.	60.	5.
3411	0000	-312	37.1083	81.9546	PPNG	1.4	1.5	7.0	1.01 -	0.21	4.84	1686.	58.	7.
3412	0000	-308	37.1084	81.9551	PPNG	1.4	1.5	7.0	1.03 -	0.21	4.87	1716.	55.	8.
3413	0000	-306	37.1084	81.9557	PPNG	1.4	1.4	7.6	0.98 -	0.18 -	5.34	1760.	56.	10.
3414	0000	-303	37.1084	81.9562	PPNG	1.5 +	1.2	8.2 +	0.82 -	0.15 -	5.42	1830.	55.	11.
3415	0000	-301	37.1084	81.9568	PPNG	1.6 +	1.2	8.6 +	0.73 -	0.14 -	5.26	1883.	57.	11.
3416	0000	-298	37.1083	81.9573	PPNG	1.7 +	1.3	8.4 +	0.78 -	0.16 -	4.95	1933.	56.	12.
3417	0000	-294	37.1084	81.9579	PPNG	1.6 +	1.4	8.7 +	0.84 -	0.16 -	5.32	1928.	56.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 220, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3418	0000	-292	37.1084	81.9584	PPNG	1.6 +	1.4	8.7 +	0.91 -	0.16 -	5.53	1890.	57.	10.
3419	0000	-289	37.1084	81.9590	PPNG	1.5 +	1.3	8.7 +	0.85 -	0.15 -	5.87	1820.	59.	10.
3420	0000	-287	37.1084	81.9595	PPNG	1.5 +	1.5	8.2 +	0.98 -	0.18 -	5.48	1811.	59.	9.
3421	0000	-284	37.1084	81.9601	PPNG	1.5 +	1.5	7.9 +	1.01 -	0.19 -	5.35	1806.	59.	9.
3422	0000	-282	37.1084	81.9605	PPNG	1.4	1.8	7.6	1.29	0.23	5.51	1806.	58.	8.
3423	0000	-278	37.1084	81.9611	PPNG	1.4	1.9	8.3 +	1.42	0.24	6.04	1802.	60.	6.
3424	0000	-275	37.1084	81.9616	PPNG	1.5 +	2.1 +	8.2 +	1.43	0.26	5.54	1859.	60.	5.
3425	0000	-274	37.1084	81.9622	PPNG	1.6 +	2.3 +	8.3 +	1.39	0.27	5.13	1946.	60.	4.
3426	0000	-273	37.1084	81.9627	PPNG	1.7 +	2.6 ++	8.4 +	1.50	0.30	4.95	2035.	59.	2.
3427	0000	-269	37.1085	81.9633	PPNG	1.8 +	2.4 +	8.8 +	1.34	0.28	4.86	2084.	58.	2.
3428	0000	-266	37.1085	81.9638	PPNG	1.9 +	2.8 ++	9.1 +	1.49	0.30	4.92	2129.	59.	1.
3429	0000	-264	37.1085	81.9643	PPNG	1.9 ++	2.5 +	9.2 +	1.30	0.27	4.80 -	2144.	61.	0.
3430	0000	-262	37.1085	81.9649	PPNG	2.0 ++	2.5 +	8.8 +	1.24	0.28	4.46 -	2156.	58.	0.
3431	0000	-260	37.1084	81.9654	PPNG	1.9 ++	2.6 ++	8.7 +	1.33	0.29	4.55 -	2110.	57.	0.
3432	0000	-258	37.1085	81.9659	PPNG	1.8 +	2.5 +	8.4 +	1.37	0.29	4.68 -	2020.	57.	1.
3433	0000	-255	37.1085	81.9665	PPNG	1.7 +	2.0	7.9 +	1.19	0.26	4.63 -	1874.	60.	2.
3434	0000	-252	37.1085	81.9670	PPNG	1.5 +	2.0	7.2	1.27	0.27	4.70 -	1747.	60.	3.
3435	0000	-250	37.1085	81.9676	PPNG	1.4	1.5	6.7	1.09	0.23	4.81 -	1638.	60.	4.
3436	0000	-249	37.1086	81.9681	PPNG	1.3	1.6	6.4	1.19	0.25	4.76 -	1575.	58.	5.
3437	0000	-247	37.1085	81.9686	PPNG	1.2	1.4	6.6	1.14	0.21	5.43	1559.	59.	7.
3438	0000	-244	37.1085	81.9691	PPNG	1.2	1.4	6.6	1.20	0.21	5.72	1556.	59.	7.
3439	0000	-242	37.1085	81.9697	PPNG	1.2	1.3	6.8	1.09	0.19 -	5.78	1556.	57.	7.
3440	0000	-238	37.1085	81.9702	PPNG	1.2	1.4	6.9	1.18	0.20	5.95	1588.	54.	7.
3441	0000	-236	37.1086	81.9708	PPNG	1.2	1.3	7.2	1.11	0.18 -	6.19 +	1597.	53.	7.
3442	0000	-234	37.1086	81.9713	PPNG	1.2	1.3	7.2	1.11	0.19 -	6.00	1618.	50.	6.
3443	0000	-230	37.1086	81.9718	PPNG	1.3	1.2	7.3	0.98 -	0.17 -	5.81	1652.	52.	7.
3444	0000	-226	37.1086	81.9724	PPNG	1.3	1.4	7.0	1.15	0.21	5.58	1634.	52.	6.
3445	0000	-225	37.1086	81.9729	PPNG	1.3	1.4	6.9	1.07	0.20	5.30	1638.	51.	7.
3446	0000	-224	37.1086	81.9734	PPNG	1.3	1.3	7.2	0.97 -	0.18 -	5.39	1664.	53.	8.
3447	0000	-222	37.1086	81.9740	PPNG	1.4	1.2	7.1	0.82 -	0.17 -	4.98	1689.	53.	9.
3448	0000	-220	37.1086	81.9745	PPNG	1.5 +	1.3	6.8	0.87 -	0.19 -	4.59 -	1729.	53.	9.
3449	0000	-217	37.1086	81.9751	PPNG	1.5 +	1.4	7.1	0.88 -	0.19 -	4.60 -	1780.	58.	8.
3450	0000	-215	37.1086	81.9756	PPNG	1.6 +	1.3	7.6	0.78 -	0.17 -	4.63 -	1853.	57.	8.
3451	0000	-212	37.1086	81.9762	PPNG	1.9 +	1.2	8.2 +	0.65 --	0.15 -	4.34 -	1984.	57.	7.
3452	0000	-210	37.1086	81.9767	PPNG	2.0 ++	1.4	8.6 +	0.68 --	0.16 -	4.21 -	2104.	58.	6.
3453	0000	-210	37.1086	81.9773	PPNG	2.2 ++	1.8	9.0 +	0.82 -	0.20	4.11 --	2223.	59.	5.
3454	0000	-207	37.1086	81.9778	PPNG	2.3 ++	2.2 +	9.8 ++	0.98 -	0.23	4.31 -	2373.	59.	3.
3455	0000	-203	37.1086	81.9783	PPNG	2.4 ++	2.4 +	11.0 ++	1.03 -	0.22	4.62 -	2492.	58.	3.
3456	0000	-202	37.1087	81.9789	PPNG	2.5 +++	2.8 ++	11.3 ++	1.10	0.24	4.51 -	2556.	54.	2.
3457	0000	-201	37.1087	81.9794	PPNG	2.5 +++	3.2 +++	11.2 ++	1.29	0.28	4.55 -	2547.	54.	1.
3458	0000	-198	37.1087	81.9799	PPNG	2.2 ++	3.3 +++	10.9 ++	1.48	0.31	4.84	2446.	55.	1.
3459	0000	-197	37.1087	81.9805	PPNG	2.1 ++	2.9 ++	10.9 ++	1.38	0.27	5.11	2355.	54.	1.
3460	0000	-197	37.1087	81.9810	PPNG	2.1 ++	2.5 +	10.3 ++	1.18	0.24	4.97	2270.	53.	3.
3461	0000	-194	37.1087	81.9816	PPNG	2.1 ++	2.1 +	9.6 ++	1.00 -	0.22	4.64 -	2181.	54.	5.
3462	0000	-192	37.1087	81.9821	PPNG	2.0 ++	2.1 +	8.6 +	1.04 -	0.24	4.33 -	2103.	53.	6.
3463	0000	-191	37.1087	81.9826	PPNG	1.8 +	1.6	8.0 +	0.90 -	0.21	4.37 -	1984.	54.	8.
3464	0000	-189	37.1087	81.9832	PPNG	1.7 +	1.3	7.7 +	0.76 -	0.17 -	4.58 -	1867.	56.	9.
3465	0000	-188	37.1088	81.9837	PPNG	1.6 +	1.0 -	7.3	0.62 --	0.13 -	4.59 -	1777.	58.	11.
3466	0000	-187	37.1087	81.9842	PPNG	1.5 +	0.9 -	6.4	0.63 --	0.15 -	4.28 -	1681.	59.	12.
3467	0000	-186	37.1087	81.9848	PPNG	1.3	1.2	5.8	0.91 -	0.21	4.39 -	1579.	57.	12.
3468	0000	-186	37.1087	81.9853	PPNG	1.2	1.3	5.6	1.14	0.24	4.84	1453.	58.	10.

CP9 1P12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3469	0000	-186	37.1087	81.9859	PPNG	1.0	1.1 -	5.3	1.08	0.21	5.18	1365.	58.	10.
3470	0000	-183	37.1088	81.9864	PPNG	0.9	1.3	5.3	1.47	0.25	5.83	1326.	59.	7.
3471	0000	-182	37.1088	81.9869	PPNG	0.9	1.4	5.1	1.53	0.28	5.53	1301.	57.	6.
3472	0000	-182	37.1088	81.9874	PPNG	0.9	1.5	5.1	1.63	0.30	5.45	1289.	55.	4.
3473	0000	-181	37.1088	81.9880	PPNG	0.9	1.6	5.3	1.74	0.30	5.84	1272.	55.	3.
3474	0000	-179	37.1088	81.9885	PPNG	0.9	1.6	5.4	1.80 +	0.30	5.95	1239.	57.	1.
3475	0000	-177	37.1088	81.9891	PPNG	0.9 -	1.5	5.3	1.74	0.29	6.05	1222.	57.	1.
3476	0000	-175	37.1088	81.9896	PPNG	0.9	1.4	5.4	1.59	0.26	6.03	1192.	59.	1.
3477	0000	-172	37.1088	81.9902	PPNG	0.9	1.3	5.4	1.41	0.24	5.98	1179.	59.	1.
3478	0000	-172	37.1088	81.9907	PPNG	0.9 -	1.2	5.1	1.40	0.24	5.90	1169.	56.	1.
3479	0000	-172	37.1088	81.9912	PPNG	0.9	1.2	5.3	1.37	0.23	5.92	1195.	58.	2.
3480	0000	-170	37.1089	81.9917	PPNG	1.0	1.4	5.2	1.46	0.27	5.42	1263.	57.	3.
3481	0000	-168	37.1089	81.9924	PPNG	1.1	1.5	5.9	1.37	0.25	5.42	1394.	57.	4.
3482	0000	-167	37.1089	81.9928	PPNG	1.2	1.7	6.5	1.38	0.26	5.29	1507.	56.	4.
3483	0000	-166	37.1089	81.9934	PPNG	1.4	1.6	7.0	1.15	0.23	5.08	1620.	58.	5.
3484	0000	-163	37.1088	81.9939	PPNG	1.6 +	1.8	7.5	1.14	0.24	4.80 -	1762.	58.	5.
3485	0000	-162	37.1089	81.9945	PPNG	1.7 +	2.0	8.2 +	1.20	0.24	4.94	1886.	58.	4.
3486	0000	-160	37.1089	81.9950	PPNG	1.8 +	2.1 +	8.5 +	1.16	0.25	4.72 -	1969.	55.	3.
3487	0000	-158	37.1089	81.9956	PPNG	1.8 +	2.3 +	9.0 +	1.26	0.25	4.99	2019.	56.	2.
3488	0000	-158	37.1089	81.9960	PPNG	1.8 +	2.4 +	9.3 +	1.34	0.26	5.16	2035.	55.	2.
3489	0000	-157	37.1089	81.9966	PPNG	1.8 +	2.4 +	10.0 ++	1.39	0.24	5.66	2049.	54.	1.
3490	0000	-155	37.1089	81.9972	PPNG	1.6 +	2.8 ++	10.2 ++	1.72	0.27	6.32 +	1999.	51.	0.
3491	0000	-154	37.1089	81.9977	PPNG	1.5 +	2.7 ++	9.9 ++	1.77	0.27	6.51 +	1916.	51.	0.
3492	0000	-152	37.1089	81.9982	PPNG	1.5 +	2.7 ++	9.9 ++	1.77	0.27	6.51 +	1916.	51.	0.
3493	0000	-150	37.1089	81.9988	PPNG	1.5 +	2.7 ++	9.9 ++	1.77	0.27	6.51 +	1916.	51.	0.
3494	0000	-150	37.1089	81.9993	PPNG	1.5 +	2.7 ++	9.9 ++	1.77	0.27	6.51 +	1916.	51.	0.

CP9 IP12

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-208	37.0225	81.9991	CR-2	4.5	1.6 -	6.9	0.37 -	0.24	1.54 -	3254.	54.	7.
2	0000	-215	37.0225	81.9985	CR-2	4.5	1.6 -	6.9	0.37 -	0.24	1.54 -	3254.	54.	7.
3	0000	-214	37.0225	81.9978	CR-2	4.5	1.6 -	6.9	0.37 -	0.24	1.54 -	3254.	54.	7.
4	0000	-213	37.0225	81.9973	CR-2	4.5	1.6 -	6.9	0.37 -	0.24	1.54 -	3254.	54.	7.
5	0000	-215	37.0225	81.9967	CR-2	4.3	1.5 -	7.0	0.35 -	0.22	1.60 -	3173.	51.	6.
6	0000	-215	37.0225	81.9960	CR-2	4.1	1.3 -	6.9	0.32 --	0.19 -	1.68	3022.	51.	5.
7	0000	-216	37.0225	81.9954	CR-2	4.0	1.1 --	6.3 -	0.28 --	0.18 -	1.56 -	2847.	52.	5.
8	0000	-220	37.0225	81.9949	CR-2	3.9	1.1 --	6.0 -	0.29 --	0.19 -	1.54 -	2743.	52.	4.
9	0000	-215	37.0225	81.9942	CR-2	4.0	1.4 -	6.0 -	0.34 -	0.23	1.49 -	2816.	53.	4.
10	0000	-214	37.0225	81.9936	CR-2	4.1	1.3 -	6.2 -	0.31 --	0.21 -	1.51 -	2890.	54.	4.
11	0000	-219	37.0225	81.9930	CR-2	4.2	1.3 -	6.1 -	0.32 --	0.22	1.43 -	2960.	54.	5.
12	0000	-218	37.0225	81.9924	CR-2	4.3	1.4 -	6.0 -	0.33 -	0.24	1.39 --	3011.	55.	7.
13	0000	-215	37.0225	81.9917	CR-2	4.4	1.4 -	5.8 -	0.33 -	0.25	1.31 --	3083.	57.	8.
14	0000	-217	37.0225	81.9912	CR-2	4.5	1.4 -	6.3 -	0.31 --	0.22	1.40 -	3169.	56.	9.
15	0000	-218	37.0225	81.9905	CR-2	4.6	1.5 -	6.2 -	0.32 --	0.23	1.36 --	3228.	56.	9.
16	0000	-214	37.0225	81.9900	CR-2	4.6	1.5 -	6.4 -	0.33 -	0.24	1.38 --	3279.	57.	10.
17	0000	-216	37.0225	81.9893	CR-2	4.7	1.6 -	6.7 -	0.33 -	0.23	1.43 -	3346.	55.	10.
18	0000	-227	37.0225	81.9887	CR-2	4.8	1.5 -	6.8	0.32 --	0.22	1.42 -	3379.	56.	10.
19	0000	-223	37.0225	81.9881	CR-2	4.9 +	1.5 -	7.5	0.30 --	0.20 -	1.51 -	3449.	56.	9.
20	0000	-213	37.0225	81.9875	CR-2	5.0 +	1.7	8.1	0.34 -	0.21 -	1.62 -	3518.	55.	8.
21	0000	-220	37.0225	81.9869	CR-2	5.1 +	1.8	8.2	0.35 -	0.22 -	1.61 -	3536.	54.	8.
22	0000	-227	37.0225	81.9863	CR-2	5.1 +	1.9	8.3	0.37 -	0.23	1.63 -	3531.	55.	7.
23	0000	-224	37.0225	81.9857	CR-2	5.0 +	1.7	7.8	0.34 -	0.22	1.55 -	3477.	55.	7.
24	0000	-225	37.0225	81.9851	CR-2	5.0 +	2.0	7.7	0.39 -	0.26	1.54 -	3493.	54.	6.
25	0000	-223	37.0225	81.9845	CR-2	5.3 +	2.1	8.0	0.40 -	0.26	1.51 -	3594.	55.	4.
26	0000	-219	37.0225	81.9839	CR-2	5.2 +	2.2	8.0	0.42	0.28	1.52 -	3637.	51.	4.
27	0000	-222	37.0225	81.9832	CR-2	5.3 +	2.0	7.7	0.38 -	0.26	1.46 -	3658.	52.	4.
28	0000	-226	37.0225	81.9827	CR-2	5.4 +	2.0	7.7	0.37 -	0.26	1.43 -	3701.	54.	4.
29	0000	-221	37.0225	81.9820	CR-2	5.3 +	1.9	8.0	0.36 -	0.24	1.51 -	3676.	52.	3.
30	0000	-220	37.0225	81.9814	CR-2	5.1 +	2.1	8.3	0.40 -	0.25	1.62 -	3633.	50.	2.
31	0000	-228	37.0225	81.9808	CR-2	5.0 +	2.0	8.4	0.40 -	0.24	1.66	3598.	52.	2.
32	0000	-226	37.0225	81.9802	CR-2	5.0 +	2.1	9.1	0.43	0.23	1.83	3636.	52.	2.
33	0000	-222	37.0225	81.9796	CR-2	5.1 +	2.3	9.3 +	0.44	0.24	1.81	3705.	55.	1.
34	0000	-231	37.0225	81.9790	CR-2	5.2 +	2.4	9.6 +	0.45	0.25	1.84	3785.	55.	1.
35	0000	-229	37.0225	81.9783	CR-2	5.2 +	2.6	9.9 +	0.50	0.26	1.90	3817.	54.	1.
36	0000	-223	37.0225	81.9778	CR-2	5.4 +	2.9 +	10.0 +	0.54	0.29	1.87	3932.	54.	1.
37	0000	-232	37.0225	81.9772	CR-2	5.6 +	3.1 +	10.5 +	0.55	0.29	1.88	4060.	57.	1.
38	0000	-228	37.0225	81.9765	CR-2	5.8 ++	3.0 +	10.5 ++	0.53	0.29	1.82	4118.	56.	1.
39	0000	-222	37.0225	81.9759	CR-2	5.5 +	3.0 +	9.5 +	0.54	0.31	1.73	3958.	56.	1.
40	0000	-231	37.0225	81.9753	CR-2	5.2 +	3.0 +	8.8	0.57	0.34 +	1.69	3794.	56.	1.
41	0000	-231	37.0225	81.9747	CR-2	5.0 +	2.9 +	8.9	0.58	0.32	1.79	3655.	57.	2.
42	0000	-235	37.0225	81.9740	CR-2	4.9 +	2.6	8.9	0.53	0.29	1.81	3614.	56.	3.
43	0000	-244	37.0225	81.9735	CR-2	5.0 +	2.4	9.1	0.47	0.26	1.82	3609.	57.	4.
44	0000	-237	37.0225	81.9728	CR-2	4.9	2.3	9.1	0.47	0.25	1.86	3530.	58.	5.
45	0000	-240	37.0225	81.9723	CR-2	4.6	2.2	9.1	0.47	0.24	1.95	3421.	57.	6.
46	0000	-251	37.0225	81.9716	CR-2	4.6	2.2	9.6 +	0.47	0.23	2.09	3427.	57.	8.
47	0000	-252	37.0225	81.9710	CR-2	4.7	1.8	10.0 +	0.38 -	0.18 -	2.14	3461.	56.	10.
48	0000	-248	37.0225	81.9704	CR-2	4.7	1.9	9.8 +	0.40 -	0.19 -	2.10	3456.	53.	10.
49	0000	-241	37.0225	81.9698	CR-2	4.6	1.9	9.7 +	0.41	0.19 -	2.12	3393.	54.	11.
50	0000	-245	37.0225	81.9692	CR-2	4.3	1.9	9.3 +	0.44	0.21 -	2.15	3232.	53.	11.
51	0000	-258	37.0225	81.9686	CR-2	4.2	1.7	8.5	0.40 -	0.20 -	2.04	3103.	50.	12.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-262	37.0225	81.9680	CHK-2	4.0 +	1.8 -	8.1	0.46 -	0.23 -	2.03 -	3055.	49.	11.
53	0000	-257	37.0225	81.9674	CHK-2	3.9 +	1.6 -	7.7	0.42 --	0.21 -	1.96 -	2992.	48.	11.
54	0000	-254	37.0225	81.9668	CHK-2	3.7 +	2.0	7.5	0.53 -	0.27	2.00 -	2890.	46.	9.
55	0000	-262	37.0225	81.9662	CHK-2	3.5 +	2.0	7.3	0.56 -	0.27	2.06 -	2800.	48.	8.
56	0000	-265	37.0225	81.9655	CHK-2	3.3 +	2.2	7.1	0.66 -	0.31	2.17 -	2688.	46.	7.
57	0000	-258	37.0225	81.9650	CHK-2	3.1 +	2.2	6.8	0.72 -	0.33	2.18 -	2631.	47.	6.
58	0000	-257	37.0225	81.9643	CHK-2	3.1 +	2.4	7.2	0.78 -	0.34	2.33 -	2625.	48.	6.
59	0000	-262	37.0225	81.9638	CHK-2	3.1 +	2.4	7.1	0.76 -	0.33	2.29 -	2597.	47.	5.
60	0000	-270	37.0225	81.9631	CHK-2	3.1 +	2.5	7.1	0.81 -	0.35	2.31 -	2592.	48.	5.
61	0000	-277	37.0225	81.9625	CHK-2	3.1 +	2.3	6.9	0.73 -	0.33	2.24 -	2603.	49.	5.
62	0000	-270	37.0225	81.9619	CHK-2	3.3 +	2.2	7.1	0.68 -	0.31	2.18 -	2650.	51.	6.
63	0000	-265	37.0225	81.9613	CHK-2	3.5 +	2.2	7.2	0.63 -	0.30	2.08 -	2725.	51.	6.
64	0000	-272	37.0225	81.9607	CHK-2	3.6 +	1.9	7.5	0.54 -	0.26 -	2.10 -	2767.	50.	5.
65	0000	-277	37.0225	81.9601	CHK-2	3.6 +	1.9 -	7.5	0.52 -	0.25 -	2.08 -	2799.	49.	5.
66	0000	-280	37.0225	81.9595	CHK-2	3.6 +	1.9 -	7.7	0.53 -	0.25 -	2.11 -	2804.	51.	5.
67	0000	-281	37.0225	81.9588	CHK-2	3.6 +	1.9 -	7.5	0.52 -	0.25 -	2.11 -	2765.	53.	5.
68	0000	-278	37.0225	81.9582	CHK-2	3.5 +	1.9 -	7.4	0.54 -	0.25 -	2.14 -	2697.	54.	5.
69	0000	-276	37.0225	81.9577	CHK-2	3.2 +	1.9 -	6.7 -	0.59 -	0.29	2.06 -	2589.	52.	5.
70	0000	-282	37.0225	81.9570	CHK-2	3.1 +	1.8 -	6.3 -	0.59 -	0.29	2.06 -	2531.	50.	5.
71	0000	-292	37.0225	81.9564	CHK-2	3.1 +	1.8 -	6.4 -	0.57 -	0.28	2.08 -	2542.	53.	5.
72	0000	-295	37.0225	81.9558	CHK-2	3.2 +	1.6 -	6.4 -	0.52 -	0.26 -	2.04 -	2564.	54.	6.
73	0000	-298	37.0225	81.9552	CHK-2	3.2 +	1.6 -	6.6 -	0.49 -	0.24 -	2.06 -	2615.	54.	7.
74	0000	-305	37.0225	81.9546	CN	3.3 +	1.7	6.6	0.51 -	0.25 -	2.02 -	2669.	52.	7.
75	0000	-300	37.0225	81.9539	CN	3.4 +	1.8	6.5	0.52 -	0.27 -	1.90 -	2724.	51.	7.
76	0000	-295	37.0225	81.9533	CN	3.6 +	1.6	7.0	0.45 -	0.23 --	1.93 -	2838.	53.	8.
77	0000	-304	37.0225	81.9527	CN	3.9 +	1.7	7.4 +	0.43 -	0.23 --	1.90 -	2962.	57.	9.
78	0000	-310	37.0225	81.9521	CN	4.0 +	2.0	7.5 +	0.49 -	0.26 -	1.86 -	3052.	58.	9.
79	0000	-311	37.0225	81.9515	CN	4.0 +	1.9	7.8 +	0.48 -	0.25 -	1.93 -	3063.	59.	8.
80	0000	-313	37.0225	81.9509	CN	4.1 +	1.9	7.7 +	0.46 -	0.24 -	1.89 -	3065.	61.	7.
81	0000	-310	37.0225	81.9503	CN	4.2 +	1.7	8.0 +	0.41 -	0.22 --	1.90 -	3151.	62.	7.
82	0000	-309	37.0225	81.9497	CN	4.4 +	1.9	8.5 +	0.42 -	0.22 --	1.92 -	3283.	62.	7.
83	0000	-318	37.0225	81.9491	CN	4.6 +	1.9	8.7 +	0.42 -	0.22 --	1.90 -	3376.	60.	7.
84	0000	-319	37.0225	81.9485	CN	4.5 +	2.2	9.1 ++	0.49 -	0.24 -	2.00 -	3389.	59.	5.
85	0000	-315	37.0225	81.9478	CN	4.5 +	2.1	9.0 ++	0.46 -	0.23 --	2.02 -	3368.	55.	5.
86	0000	-326	37.0225	81.9473	CCR-2	4.5 +	2.2	9.0	0.50 -	0.25	2.01 -	3356.	54.	5.
87	0000	-334	37.0225	81.9466	CCR-2	4.4 +	2.5	8.9	0.56 -	0.28	2.02 -	3326.	51.	4.
88	0000	-330	37.0225	81.9461	CCR-2	4.1 +	2.8	9.0	0.67 -	0.31	2.18 -	3213.	50.	3.
89	0000	-333	37.0225	81.9454	CCR-2	3.9 +	2.9	9.0	0.73 -	0.32	2.29 -	3093.	51.	2.
90	0000	-336	37.0225	81.9448	CCR-2	3.7 +	2.9	8.9	0.78	0.33	2.37 -	2988.	50.	2.
91	0000	-334	37.0225	81.9442	CCR-2	3.7 +	2.9	8.1 -	0.77	0.35	2.20 -	2905.	51.	1.
92	0000	-339	37.0225	81.9436	CCR-2	3.7 +	2.7	8.5	0.74	0.32	2.30 -	2836.	52.	1.
93	0000	-338	37.0225	81.9429	CCR-2	3.5 +	2.8	8.3 -	0.80	0.34	2.36 -	2784.	50.	1.
94	0000	-336	37.0225	81.9424	CCR-2	3.5 +	2.6	8.6	0.75	0.30	2.46 -	2736.	51.	1.
95	0000	-340	37.0225	81.9417	CCR-2	3.6 +	2.4	8.5	0.66 -	0.28	2.37 -	2746.	51.	2.
96	0000	-342	37.0225	81.9411	CCR-2	3.6 +	2.4	8.6	0.65 -	0.27	2.39 -	2771.	50.	2.
97	0000	-341	37.0225	81.9406	CCR-2	3.5 +	2.7	8.4 -	0.76	0.32	2.37 -	2790.	51.	1.
98	0000	-346	37.0225	81.9399	CCR-2	3.4	2.8	9.0	0.83	0.32	2.63	2785.	50.	2.
99	0000	-349	37.0225	81.9393	CCR-2	3.2	3.0	8.6	0.94	0.35	2.67	2742.	51.	1.
100	0000	-353	37.0225	81.9387	CCR-2	3.1	3.1	8.5	1.00	0.36	2.75	2697.	54.	2.
101	0000	-354	37.0225	81.9381	CCR-2	2.9	3.1	8.5	1.05	0.36	2.91	2640.	55.	2.
102	0000	-354	37.0225	81.9375	CCR-1	2.7 ++	3.3 ++	8.0 ++	1.22 -	0.41	2.95 -	2544.	55.	2.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-362	37.0225	81.9369	CCR-1	2.4 ++	3.3 ++	7.6 ++	1.36 -	0.43	3.17 -	2419.	56.	1.
104	0000	-364	37.0225	81.9363	CCR-1	2.2 +	3.0 +	7.1 +	1.38 -	0.42	3.26 -	2249.	58.	2.
105	0000	-360	37.0225	81.9356	CCR-1	1.9 +	2.9 +	6.7 +	1.48	0.43	3.48 -	2114.	56.	1.
106	0000	-367	37.0225	81.9351	CCR-1	1.8 +	2.9 +	6.7 +	1.64	0.44	3.70 -	2029.	55.	1.
107	0000	-375	37.0225	81.9344	CCR-1	1.7 +	2.6 +	6.5 +	1.55	0.40	3.85 -	1955.	53.	2.
108	0000	-371	37.0225	81.9339	CCR-1	1.6 +	2.7 +	6.3 +	1.66	0.42	3.93 -	1906.	50.	2.
109	0000	-376	37.0225	81.9332	CCR-1	1.5 +	2.5 +	6.0	1.63	0.42	3.90 -	1839.	52.	3.
110	0000	-385	37.0225	81.9326	CCR-1	1.6 +	2.2	5.9	1.38 -	0.37	3.70 -	1783.	51.	4.
111	0000	-380	37.0225	81.9320	CCR-1	1.6 +	2.2	5.8	1.42	0.38	3.70 -	1764.	48.	4.
112	0000	-380	37.0225	81.9314	CCR-1	1.7 +	2.0	5.4	1.20 -	0.38	3.17 -	1766.	48.	4.
113	0000	-388	37.0225	81.9307	CCR-1	1.9 +	1.7	5.0	0.93 -	0.35	2.67 -	1790.	50.	4.
114	0000	-388	37.0225	81.9301	CCR-1	2.0 +	2.0	4.5	0.97 -	0.44	2.22 --	1828.	50.	4.
115	0000	-390	37.0225	81.9294	CCR-1	2.2 +	1.9	4.0	0.89 -	0.48	1.83 --	1867.	49.	4.
116	0000	-396	37.0225	81.9287	CCR-1	2.4 ++	1.7	3.9	0.71 --	0.43	1.63 --	1949.	49.	4.
117	0000	-392	37.0225	81.9281	CCR-1	2.6 ++	1.8	3.8	0.69 --	0.47	1.47 ---	2058.	50.	3.
118	0000	-389	37.0225	81.9275	CCR-1	2.9 ++	1.7	4.1	0.59 --	0.42	1.38 ---	2205.	49.	3.
119	0000	-396	37.0225	81.9268	CCR-1	3.2 ++	1.6	4.2	0.48 --	0.38	1.29 ---	2325.	51.	3.
120	0000	-402	37.0225	81.9262	CCR-1	3.4 ++	1.7	4.1	0.50 --	0.41	1.21 ---	2423.	50.	3.
121	0000	-402	37.0225	81.9255	CCR-1	3.7 ++	1.5	4.6	0.42 ---	0.33	1.27 ---	2564.	49.	3.
122	0000	-404	37.0225	81.9249	CCR-1	3.9 ++	1.5	4.8	0.40 ---	0.32	1.24 ---	2647.	53.	3.
123	0000	-409	37.0224	81.9243	CCR-1	4.0 +++	1.6	5.3	0.41 ---	0.31	1.32 ---	2700.	54.	2.
124	0000	-408	37.0224	81.9236	CCR-1	4.0 +++	1.8	5.2	0.44 ---	0.34	1.31 ---	2715.	54.	2.
125	0000	-412	37.0224	81.9230	CCR-1	4.0 +++	1.8	5.3	0.44 ---	0.33	1.33 ---	2710.	55.	2.
126	0000	-419	37.0224	81.9223	OKU	3.9 +++	1.9	5.3	0.50 --	0.37	1.35 ---	2680.	55.	2.
127	0000	-416	37.0224	81.9217	OKU	3.8 +++	1.8	5.3	0.47 ---	0.34	1.38 ---	2659.	54.	2.
128	0000	-414	37.0225	81.9210	OKU	3.6 +++	1.7	5.4	0.47 ---	0.31	1.51 ---	2557.	55.	3.
129	0000	-420	37.0224	81.9204	OKU	3.3 +++	1.5	5.9	0.46 ---	0.26	1.76 ---	2463.	52.	3.
130	0000	-423	37.0224	81.9197	OKU	3.1 +++	1.5	5.7	0.49 --	0.27	1.82 ---	2345.	51.	3.
131	0000	-424	37.0224	81.9191	OKU	2.8 +++	1.6	5.6	0.57 --	0.29	1.97 ---	2245.	53.	3.
132	0000	-424	37.0224	81.9185	OKU	2.5 ++	1.5	5.8	0.61 --	0.26	2.29 --	2094.	54.	3.
133	0000	-424	37.0224	81.9178	OKU	2.2 ++	1.5	5.8	0.68 --	0.25	2.68 --	1943.	54.	4.
134	0000	-427	37.0224	81.9172	OKU	1.8 ++	1.5	5.8	0.82 --	0.26	3.14 --	1766.	55.	4.
135	0000	-432	37.0224	81.9165	OKU	1.5 +	1.6	5.3	1.03 -	0.30	3.44 -	1612.	56.	5.
136	0000	-435	37.0224	81.9158	OKU	1.3 +	1.6	4,9	1.22 -	0.32	3.78 -	1490.	56.	5.
137	0000	-437	37.0224	81.9152	OKU	1.1 +	1.6	5.0	1.47	0.32	4.58 -	1407.	56.	6.
138	0000	-439	37.0224	81.9146	OKU	1.0	1.4	5.1	1.42	0.27	5.35	1319.	55.	7.
139	0000	-436	37.0224	81.9139	OKU	0.8	1.4	5.0	1.72	0.27	6.29	1245.	57.	8.
140	0000	-437	37.0224	81.9133	OKU	0.7	1.4	4.9	2.03	0.28	7.31	1198.	57.	8.
141	0000	-444	37.0224	81.9126	OKU	0.6	1.5	4.9	2.55	0.30	8.37	1174.	59.	8.
142	0000	-442	37.0224	81.9120	OKU	0.5	1.6	4.9	3.21	0.33	9.68	1173.	59.	9.
143	0000	-445	37.0224	81.9114	OKU	0.5	1.8	5.4	3.76	0.34	11.22	1177.	59.	8.
144	0000	-456	37.0224	81.9107	OKU	0.5	1.8	5.7	3.62	0.31	11.64	1200.	58.	8.
145	0000	-453	37.0224	81.9100	OKU	0.5	1.9	5.8	3.71	0.33	11.27	1207.	57.	8.
146	0000	-450	37.0224	81.9094	OKU	0.5	2.0	5.5	3.61	0.36	10.10	1217.	55.	7.
147	0000	-456	37.0223	81.9088	OKU	0.6	1.9	5.1	3.03	0.37	8.28	1223.	54.	7.
148	0000	-455	37.0223	81.9081	OKU	0.7	1.9	5.3	2.91	0.36	7.98	1245.	51.	6.
149	0000	-456	37.0223	81.9075	OKU	0.8	1.8	5.7	2.39	0.33	7.36	1261.	50.	5.
150	0000	-460	37.0223	81.9068	OKU	0.8	1.9	4.9	2.37	0.38	6.26	1245.	50.	5.
151	0000	-460	37.0223	81.9062	OKU	0.8	1.8	4.0	2.24	0.44 +	5.06	1183.	51.	6.
152	0000	-465	37.0223	81.9056	OKU	0.8	1.6	3.5	2.07	0.46 +	4.49 -	1140.	51.	7.
153	0000	-469	37.0223	81.9049	OKU	0.8	1.5	3.4 -	1.83	0.44 +	4.11 -	1113.	49.	7.

CP9 1P 12

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293 PAGE 771

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-465	37.0223	81.9043	OKU	0.9	1.4	3.6	1.65	0.40	4.15 -	1097.	49.	7.
155	0000	-464	37.0223	81.9036	OKU	0.9	1.3	3.1 -	1.52	0.42	3.65 -	1056.	50.	8.
156	0000	-468	37.0223	81.9029	OKU	0.8	1.1	2.5 --	1.27 -	0.42	3.01 --	1027.	50.	9.
157	0000	-470	37.0223	81.9023	OKU	0.9	1.1	2.5 --	1.18 -	0.44 +	2.70 --	1058.	51.	10.
158	0000	-469	37.0223	81.9017	OKU	1.0	1.3	3.0 -	1.34 -	0.43 +	3.10 --	1115.	51.	9.
159	0000	-469	37.0223	81.9010	OKU	1.1 +	1.4	3.1 -	1.27 -	0.44 +	2.90 --	1193.	52.	9.
160	0000	-471	37.0223	81.9004	OKU	1.1 +	1.5	3.3 -	1.36 -	0.44 +	3.08 --	1247.	52.	8.
161	0000	-473	37.0223	81.8997	OKU	1.0 +	1.6	3.4 -	1.50	0.46 +	3.24 --	1267.	53.	8.
162	0000	-472	37.0223	81.8991	OKU	1.0	1.8	3.6	1.89	0.51 +	3.73 -	1275.	54.	6.
163	0000	-475	37.0223	81.8985	OKU	0.9	2.0	4.0	2.19	0.49 +	4.44 -	1281.	56.	5.
164	0000	-480	37.0223	81.8978	OKU	0.8	2.0	4.2	2.53	0.47 +	5.36	1249.	56.	4.
165	0000	-480	37.0223	81.8972	OKU	0.7	2.1 +	4.3	2.99	0.49 +	6.06	1229.	57.	3.
166	0000	-479	37.0222	81.8965	OKU	0.6	2.2 +	4.9	3.75	0.45 +	8.38	1193.	57.	2.
167	0000	-482	37.0222	81.8959	OMUU	0.5	2.2 +	5.3	4.12 +	0.42 +	9.80	1173.	59.	1.
168	0000	-486	37.0222	81.8952	OMUU	0.6	2.3 +	5.3	3.88 +	0.43 +	8.97	1192.	57.	1.
169	0000	-487	37.0222	81.8946	OMUU	0.8	2.1 +	5.0	2.82	0.42 +	6.68	1242.	56.	2.
170	0000	-487	37.0223	81.8939	OMUU	0.9	2.3 +	4.8	2.58	0.48 +	5.33 -	1288.	55.	2.
171	0000	-488	37.0223	81.8933	OMUU	1.0	2.4 +	4.7	2.34	0.51 +	4.58 -	1333.	54.	2.
172	0000	-491	37.0222	81.8926	OMUU	1.1	2.4 +	4.5	2.20	0.53 +	4.13 -	1369.	53.	3.
173	0000	-492	37.0222	81.8920	OMUU	1.2 +	2.1 +	4.3	1.72	0.49 +	3.49 --	1387.	53.	4.
174	0000	-492	37.0222	81.8914	OMUU	1.3 +	2.2 +	4.1	1.74	0.53 +	3.26 --	1408.	52.	4.
175	0000	-492	37.0222	81.8907	OMUU	1.2 +	2.1 +	4.1	1.79	0.52 +	3.43 --	1401.	51.	5.
176	0000	-492	37.0222	81.8900	OMUU	1.1	2.0 +	4.6	1.77	0.43 +	4.15 -	1369.	49.	6.
177	0000	-495	37.0222	81.8894	OMUU	1.0	1.7	4.9	1.69	0.36	4.73 -	1320.	49.	6.
178	0000	-499	37.0222	81.8888	OMUU	0.9	1.3	4.7	1.42	0.29	4.93 -	1277.	50.	7.
179	0000	-496	37.0222	81.8882	OMUU	0.9	1.0	4.9	1.10 -	0.21	5.24 -	1239.	49.	9.
180	0000	-496	37.0222	81.8875	OMUU	0.9	1.1	4.6	1.21 -	0.23	5.21 -	1224.	48.	9.
181	0000	-498	37.0222	81.8868	OMUU	0.9	0.9 -	4.1	1.00 -	0.21	4.85 -	1164.	50.	10.
182	0000	-498	37.0222	81.8862	OMUU	0.9	0.9 -	3.9	1.00 -	0.22	4.47 -	1117.	52.	10.
183	0000	-499	37.0222	81.8856	OMUU	0.8	1.1	3.5 -	1.30	0.31	4.20 -	1069.	55.	8.
184	0000	-501	37.0222	81.8849	OMUU	0.8	1.1	3.3 -	1.48	0.34	4.32 -	1036.	56.	8.
185	0000	-500	37.0222	81.8842	OMUU	0.8	1.4	3.5 -	1.70	0.39 +	4.35 -	1021.	54.	6.
186	0000	-499	37.0222	81.8836	OMUU	0.8	1.5	3.7 -	1.94	0.40 +	4.81 -	997.	56.	4.
187	0000	-501	37.0222	81.8830	OMUU	0.7	1.8	3.5 -	2.55	0.51 +	4.97 -	968.	54.	3.
188	0000	-504	37.0222	81.8824	OMUU	0.7	2.0 +	3.8	2.83	0.52 +	5.41 -	969.	54.	1.
189	0000	-504	37.0222	81.8817	OMUU	0.7	2.2 +	4.0	3.20	0.55 ++	5.83	999.	52.	1.
190	0000	-505	37.0221	81.8810	OMUU	0.8	1.9	4.2	2.48	0.44 +	5.57 -	1018.	54.	2.
191	0000	-506	37.0221	81.8804	OMUU	0.8	2.0 +	4.3	2.55	0.47 +	5.47 -	1042.	52.	2.
192	0000	-504	37.0221	81.8797	OMUU	0.8	2.0	4.1	2.53	0.47 +	5.35 -	1058.	53.	4.
193	0000	-502	37.0221	81.8791	OMUU	0.8	2.0 +	3.9	2.53	0.50 +	5.01 -	1076.	53.	4.
194	0000	-504	37.0221	81.8785	OMUU	0.8	1.7	4.0	2.20	0.43 +	5.12 -	1075.	55.	5.
195	0000	-505	37.0221	81.8778	OMUU	0.8	1.5	3.8	1.89	0.40 +	4.79 -	1068.	54.	7.
196	0000	-505	37.0221	81.8772	OMUU	0.8	1.2	3.8	1.57	0.32	4.88 -	1050.	55.	7.
197	0000	-507	37.0221	81.8765	OMUU	0.8	1.3	3.6 -	1.75	0.37	4.80 -	1058.	53.	7.
198	0000	-507	37.0221	81.8759	OMUU	0.8	1.2	3.7 -	1.53	0.32	4.83 -	1077.	52.	7.
199	0000	-506	37.0221	81.8752	OMUU	0.8	1.1	4.0	1.41	0.27	5.20 -	1106.	53.	7.
200	0000	-505	37.0221	81.8746	OMUU	0.8	1.1	4.2	1.37	0.26	5.33 -	1135.	53.	7.
201	0000	-501	37.0221	81.8739	OMUU	0.8	0.9 -	4.9	1.23 -	0.19	6.35	1156.	51.	7.
202	0000	-504	37.0220	81.8733	OMUU	0.8	1.3	5.1	1.74	0.26	6.72	1182.	54.	6.
203	0000	-510	37.0220	81.8726	OMUU	0.7	1.4	5.4	1.86	0.26	7.26	1189.	54.	5.
204	0000	-505	37.0220	81.8720	OMUU	0.7	1.3	5.5	1.87	0.24	7.87	1184.	55.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-501	37.0221	81.8714	OMUU	0.6	1.3	5.6	2.04	0.23	8.85	1159.	55.	6.
206	0000	-508	37.0221	81.8707	OMUU	0.6	1.3	5.8	2.17	0.22	9.68	1123.	55.	5.
207	0000	-508	37.0221	81.8700	OMUU	0.5	1.2	5.5	2.32	0.22	10.77	1077.	56.	6.
208	0000	-503	37.0220	81.8694	OMUU	0.5	1.4	4.9	2.75	0.28	9.74	1054.	59.	6.
209	0000	-506	37.0220	81.8688	OMUU	0.5	1.3	5.1	2.75	0.26	10.43	1041.	58.	6.
210	0000	-509	37.0220	81.8681	OMUU	0.5	1.3	4.9	2.91	0.27	10.69	1027.	58.	7.
211	0000	-507	37.0220	81.8675	OMUU	0.5	1.4	5.2	3.07	0.27	11.52	1036.	57.	7.
212	0000	-506	37.0220	81.8668	OMUU	0.5	1.4	5.1	2.90	0.27	10.83	1051.	58.	7.
213	0000	-507	37.0220	81.8662	OMUU	0.5	1.6	5.2	3.48	0.32	11.03	1086.	58.	6.
214	0000	-504	37.0220	81.8656	OMUU	0.5	1.6	6.0	3.14	0.27	11.46	1143.	55.	5.
215	0000	-502	37.0220	81.8649	OMUU	0.5	1.8	6.2	3.55	0.29	12.07	1194.	54.	5.
216	0000	-505	37.0220	81.8643	OMUU	0.5	1.7	6.8	3.20	0.25	12.67 +	1245.	54.	4.
217	0000	-507	37.0220	81.8636	OMUU	0.6	1.7	6.8	3.13	0.26	12.28 +	1291.	53.	4.
218	0000	-505	37.0220	81.8630	OMUU	0.6	1.9	6.7	3.03	0.28	10.82	1330.	53.	3.
219	0000	-503	37.0220	81.8624	OMUU	0.7	2.0 +	6.9	3.07	0.30	10.32	1363.	51.	1.
220	0000	-502	37.0220	81.8617	OMUU	0.7	2.1 +	6.8	3.06	0.31	9.91	1371.	52.	1.
221	0000	-501	37.0220	81.8611	OMUU	0.7	2.2 +	6.5	2.91	0.33	8.79	1386.	53.	1.
222	0000	-502	37.0220	81.8604	OMUU	0.8	1.9	6.9	2.22	0.27	8.11	1417.	49.	1.
223	0000	-502	37.0220	81.8597	OMUU	1.0	1.9	6.5	1.98	0.29	6.80	1445.	48.	1.
224	0000	-502	37.0220	81.8591	OMUU	1.0	1.9	6.7	1.81	0.28	6.42	1467.	48.	2.
225	0000	-503	37.0220	81.8585	OMUU	1.0	1.8	6.8	1.86	0.27	6.83	1453.	49.	2.
226	0000	-500	37.0220	81.8578	OMUU	1.0	1.7	7.0	1.78	0.25	7.18	1441.	48.	2.
227	0000	-501	37.0220	81.8572	OMUU	1.0	1.6	7.1	1.72	0.23	7.40	1432.	47.	2.
228	0000	-503	37.0220	81.8565	OMUU	0.9	1.7	6.9	1.89	0.25	7.69	1388.	50.	2.
229	0000	-502	37.0220	81.8559	OMUU	0.9	1.6	7.0	1.85	0.22	8.24	1355.	52.	2.
230	0000	-502	37.0220	81.8552	OMUU	0.8	1.7	7.3	2.16	0.23	9.57	1321.	54.	1.
231	0000	-502	37.0220	81.8546	OMUU	0.7	1.7	7.7 +	2.34	0.22	10.62	1328.	53.	1.
232	0000	-501	37.0220	81.8539	OMUU	0.8	1.7	7.9 +	2.21	0.21	10.32	1355.	52.	1.
233	0000	-502	37.0219	81.8533	OMUU	0.8	1.7	7.9 +	1.99	0.21	9.51	1391.	54.	1.
234	0000	-501	37.0219	81.8526	OMUU	0.9	1.5	8.5 +	1.73	0.18 -	9.65	1439.	54.	2.
235	0000	-500	37.0219	81.8520	OMUU	0.9	1.6	8.8 +	1.78	0.19 -	9.57	1496.	53.	3.
236	0000	-500	37.0219	81.8514	OMUU	0.9	1.7	8.8 +	1.92	0.20	9.73	1514.	53.	5.
237	0000	-500	37.0219	81.8507	OMUU	0.9	1.7	8.4 +	1.79	0.20	8.86	1520.	52.	6.
238	0000	-499	37.0219	81.8501	OMUU	1.0	1.6	8.1 +	1.66	0.20	8.48	1492.	53.	7.
239	0000	-499	37.0219	81.8494	OMUU	1.0	1.5	7.7 +	1.59	0.20	8.07	1474.	53.	8.
240	0000	-498	37.0219	81.8488	OMUU	0.9	1.4	7.6 +	1.45	0.18 -	8.10	1441.	54.	9.
241	0000	-497	37.0219	81.8481	OMUU	0.9	1.4	6.5	1.52	0.22	7.00	1408.	56.	10.
242	0000	-498	37.0219	81.8475	OMUU	1.0	1.2	6.5	1.23 -	0.19	6.46	1408.	57.	9.
243	0000	-497	37.0219	81.8468	OMUU	1.0	1.4	6.3	1.36	0.22	6.12	1421.	55.	10.
244	0000	-497	37.0219	81.8462	OMUU	1.1	1.3	6.2	1.23 -	0.21	5.82 -	1425.	55.	10.
245	0000	-498	37.0219	81.8456	OMUU	1.1	1.2	6.2	1.03 -	0.18 -	5.56 -	1441.	54.	9.
246	0000	-498	37.0219	81.8449	OMUU	1.2 +	1.2	6.6	1.01 -	0.18 -	5.60 -	1471.	54.	8.
247	0000	-497	37.0219	81.8443	OMUU	1.2 +	1.3	6.9	1.05 -	0.19	5.56 -	1530.	52.	8.
248	0000	-496	37.0219	81.8436	OMUU	1.3 +	1.3	7.6 +	1.04 -	0.18 -	5.87	1548.	51.	6.
249	0000	-496	37.0219	81.8429	OMUU	1.2 +	1.4	7.2	1.13 -	0.20	5.77	1519.	53.	6.
250	0000	-496	37.0219	81.8423	OMUU	1.3 +	1.4	7.1	1.11 -	0.19	5.70 -	1480.	52.	5.
251	0000	-493	37.0218	81.8417	OMUU	1.2 +	1.3	7.2	1.08 -	0.18 -	5.94	1449.	54.	4.
252	0000	-495	37.0218	81.8410	OMUU	1.2 +	1.5	6.8	1.28	0.22	5.73 -	1410.	53.	3.
253	0000	-498	37.0218	81.8404	OMUU	1.1	1.5	6.9	1.28	0.21	6.04	1370.	54.	2.
254	0000	-496	37.0218	81.8397	OMUU	1.1	1.5	6.4	1.37	0.23	5.96	1328.	57.	3.
255	0000	-496	37.0219	81.8391	OMUU	1.1	1.5	6.0	1.43	0.26	5.56 -	1317.	57.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-494	37.0219	81.8385	OMUU	1.1	1.6	5.9	1.47	0.28	5.28 -	1320.	55.	3.
257	0000	-493	37.0218	81.8378	OMUU	1.1	1.5	6.2	1.35	0.24	5.55 -	1338.	54.	3.
258	0000	-496	37.0218	81.8372	OMUU	1.1	1.5	6.4	1.38	0.24	5.74 -	1377.	54.	3.
259	0000	-495	37.0218	81.8365	OMUU	1.2 +	1.4	7.1	1.11 -	0.19	5.83	1454.	54.	4.
260	0000	-491	37.0218	81.8359	OMUU	1.4 +	1.4	7.0	1.02 -	0.20	5.17 -	1519.	54.	4.
261	0000	-491	37.0218	81.8352	OMUU	1.4 +	1.5	7.2	1.13 -	0.21	5.26 -	1557.	53.	3.
262	0000	-493	37.0218	81.8346	OMUU	1.4 +	1.4	7.5 +	1.04 -	0.19	5.51 -	1570.	52.	3.
263	0000	-490	37.0217	81.8339	OMUU	1.3 +	1.4	7.6 +	1.09 -	0.18 -	5.94	1555.	52.	2.
264	0000	-489	37.0218	81.8333	OMUU	1.3 +	1.5	7.4	1.15 -	0.20	5.73 -	1552.	54.	2.
265	0000	-489	37.0218	81.8327	OMUU	1.3 +	1.5	7.4 +	1.19 -	0.20	5.84	1557.	54.	1.
266	0000	-487	37.0218	81.8320	OMUU	1.2 +	1.8	7.0	1.53	0.26	5.93	1559.	54.	1.
267	0000	-488	37.0218	81.8314	OMUU	1.1	1.9	7.3	1.66	0.26	6.39	1559.	54.	0.
268	0000	-490	37.0218	81.8307	OMUU	1.2 +	1.8	7.2	1.53	0.25	6.24	1550.	54.	0.
269	0000	-489	37.0217	81.8300	OMUU	1.2 +	1.8	7.2	1.52	0.25	6.19	1565.	53.	0.
270	0000	-488	37.0217	81.8294	OMUU	1.2 +	1.7	7.5 +	1.35	0.22	6.03	1609.	52.	1.
271	0000	-488	37.0217	81.8288	OMUU	1.3 +	1.6	7.7 +	1.18 -	0.20	5.84	1655.	51.	2.
272	0000	-487	37.0217	81.8282	OMUU	1.4 +	1.4	8.2 +	0.99 -	0.17 -	5.72 -	1734.	51.	3.
273	0000	-486	37.0217	81.8275	OMUU	1.4 +	1.2	8.6 +	0.83 -	0.14 -	5.96	1754.	52.	4.
274	0000	-489	37.0217	81.8268	OMUU	1.4 +	1.2	8.9 +	0.82 -	0.13 -	6.22	1781.	51.	5.
275	0000	-489	37.0217	81.8263	OMUU	1.5 +	1.1	8.9 +	0.76 -	0.13 --	6.04	1801.	51.	7.
276	0000	-487	37.0218	81.8256	OMUU	1.5 +	1.1	9.0 +	0.78 -	0.13 --	6.18	1835.	54.	8.
277	0000	-485	37.0218	81.8250	OMUU	1.5 +	1.1	9.5 ++	0.72 --	0.11 --	6.29	1903.	54.	9.
278	0000	-484	37.0218	81.8243	OMUU	1.5 +	1.2	9.9 ++	0.77 -	0.12 --	6.54	1943.	55.	10.
279	0000	-486	37.0218	81.8237	OMUU	1.5 +	1.2	9.7 ++	0.81 -	0.13 --	6.43	1914.	54.	10.
280	0000	-487	37.0218	81.8231	OMUU	1.5 +	1.4	9.7 ++	0.94 -	0.15 -	6.43	1921.	53.	10.
281	0000	-486	37.0218	81.8224	OMUU	1.6 +	1.6	9.4 ++	0.98 -	0.16 -	5.96	1941.	54.	9.
282	0000	-484	37.0218	81.8217	OMUU	1.5 +	1.5	10.1 ++	0.99 -	0.15 -	6.52	1968.	51.	8.
283	0000	-484	37.0218	81.8211	OMUU	1.5 +	1.5	10.3 ++	0.96 -	0.14 -	6.69	1945.	48.	6.
284	0000	-483	37.0218	81.8205	OMUU	1.5 +	1.5	9.7 ++	1.02 -	0.15 -	6.61	1877.	47.	5.
285	0000	-484	37.0218	81.8198	OMUU	1.4 +	1.6	9.4 ++	1.11 -	0.17 -	6.63	1807.	48.	5.
286	0000	-486	37.0218	81.8192	OMUU	1.4 +	1.5	9.2 +	1.12 -	0.16 -	6.76	1792.	48.	5.
287	0000	-486	37.0218	81.8185	OMUU	1.4 +	1.4	9.1 +	0.94 -	0.15 -	6.29	1792.	50.	5.
288	0000	-487	37.0218	81.8179	OMUU	1.4 +	1.3	9.2 +	0.95 -	0.14 -	6.69	1765.	49.	5.
289	0000	-488	37.0218	81.8173	OMUU	1.4 +	1.3	8.7 +	0.96 -	0.15 -	6.38	1720.	51.	5.
290	0000	-486	37.0218	81.8166	OMUU	1.4 +	1.3	8.6 +	0.97 -	0.16 -	6.26	1715.	53.	5.
291	0000	-482	37.0218	81.8160	OMUU	1.4 +	1.4	8.9 +	0.99 -	0.16 -	6.21	1755.	56.	5.
292	0000	-484	37.0218	81.8153	OMUU	1.5 +	1.4	8.7 +	0.95 -	0.16 -	5.93	1782.	57.	4.
293	0000	-487	37.0218	81.8147	OMUU	1.4 +	1.4	8.4 +	1.00 -	0.17 -	5.87	1751.	57.	4.
294	0000	-485	37.0218	81.8140	OMUU	1.3 +	1.5	8.3 +	1.16 -	0.18 -	6.31	1708.	56.	4.
295	0000	-484	37.0219	81.8134	OMUU	1.3 +	1.4	8.2 +	1.05 -	0.17 -	6.25	1672.	56.	3.
296	0000	-486	37.0219	81.8127	OMUU	1.3 +	1.5	8.3 +	1.15 -	0.18 -	6.46	1679.	57.	3.
297	0000	-487	37.0219	81.8121	OMUU	1.3 +	1.6	8.4 +	1.20 -	0.19	6.31	1697.	56.	4.
298	0000	-486	37.0219	81.8114	OMUU	1.3 +	1.7	8.2 +	1.29	0.21	6.24	1724.	54.	4.
299	0000	-485	37.0219	81.8108	OMUU	1.4 +	1.7	8.4 +	1.26 -	0.20	6.25	1774.	53.	5.
300	0000	-485	37.0219	81.8102	OMUU	1.5 +	1.8	8.8 +	1.27	0.21	6.08	1856.	54.	5.
301	0000	-486	37.0219	81.8095	OMUU	1.5 +	1.7	8.7 +	1.12 -	0.20	5.61 -	1874.	56.	6.
302	0000	-486	37.0219	81.8089	OMUU	1.5 +	1.8	9.0 +	1.17 -	0.19	6.01	1890.	55.	7.
303	0000	-486	37.0219	81.8082	OMUU	1.5 +	1.7	9.0 +	1.10 -	0.18 -	5.99	1884.	54.	8.
304	0000	-487	37.0219	81.8075	OMUU	1.4 +	1.7	8.6 +	1.14 -	0.19	5.98	1873.	55.	8.
305	0000	-488	37.0220	81.8069	OMUU	1.4 +	1.9	8.7 +	1.36	0.22	6.30	1838.	54.	7.
306	0000	-487	37.0220	81.8063	OMUU	1.3 +	2.0 +	8.5 +	1.54	0.24	6.39	1795.	54.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-487	37.0220	81.8056	OMUU	1.3 +	2.0	8.3 +	1.53	0.24	6.48	1738.	54.	5.
308	0000	-488	37.0220	81.8050	OMUU	1.3 +	2.1 +	8.8 +	1.65	0.24	6.99	1752.	52.	4.
309	0000	-488	37.0220	81.8044	OMUU	1.3 +	2.3 +	8.3 +	1.74	0.28	6.20	1758.	52.	3.
310	0000	-488	37.0220	81.8038	OMUU	1.4 +	2.3 +	8.1 +	1.67	0.28	5.86	1774.	55.	2.
311	0000	-490	37.0220	81.8031	OMUU	1.5 +	2.1 +	8.0 +	1.46	0.27	5.48 -	1788.	55.	2.
312	0000	-491	37.0220	81.8025	OMUU	1.5 +	1.7	8.0 +	1.12 -	0.21	5.26 -	1785.	58.	2.
313	0000	-490	37.0220	81.8018	OMUU	1.5 +	1.6	8.0 +	1.05 -	0.20	5.27 -	1761.	57.	2.
314	0000	-491	37.0220	81.8012	OMUU	1.5 +	1.6	7.8 +	1.07 -	0.20	5.24 -	1742.	57.	3.
315	0000	-489	37.0220	81.8006	OMUU	1.4 +	1.7	7.0	1.20 -	0.25	4.82 -	1699.	60.	4.
316	0000	-488	37.0220	81.7999	OMUU	1.5 +	1.4	7.3	0.91 -	0.19	4.83 -	1712.	62.	4.
317	0000	-491	37.0220	81.7992	OMUU	1.5 +	1.4	7.3	0.90 -	0.19 -	4.87 -	1693.	60.	4.
318	0000	-491	37.0220	81.7986	OMUU	1.4 +	1.3	7.6 +	0.90 -	0.17 -	5.25 -	1642.	58.	4.
319	0000	-490	37.0220	81.7980	OMUU	1.4 +	1.4	7.1	1.05 -	0.20	5.22 -	1573.	55.	4.
320	0000	-493	37.0220	81.7973	OMUU	1.3 +	1.3	7.4 +	1.01 -	0.18 -	5.66 -	1556.	56.	4.
321	0000	-495	37.0220	81.7967	OMUU	1.3 +	1.4	7.4	1.03 -	0.18 -	5.65 -	1561.	53.	4.
322	0000	-496	37.0220	81.7960	OMUU	1.3 +	1.2	7.9 +	0.89 -	0.15 -	6.00	1581.	48.	4.
323	0000	-496	37.0220	81.7954	OMUU	1.2 +	1.3	7.4	1.07 -	0.17 -	6.28	1543.	48.	4.
324	0000	-496	37.0220	81.7948	OMUU	1.2 +	1.3	7.2	1.14 -	0.18 -	6.17	1538.	46.	5.
325	0000	-497	37.0220	81.7941	OMUU	1.2 +	1.4	7.4	1.18 -	0.19	6.23	1553.	48.	4.
326	0000	-497	37.0220	81.7935	OMUU	1.2 +	1.4	7.8 +	1.14 -	0.18 -	6.34	1615.	47.	4.
327	0000	-498	37.0220	81.7928	OMUU	1.3 +	1.5	7.7 +	1.18 -	0.19	6.11	1660.	47.	4.
328	0000	-499	37.0220	81.7922	OMUU	1.2 +	1.6	7.8 +	1.31	0.21	6.35	1675.	47.	5.
329	0000	-499	37.0220	81.7915	OMUU	1.2 +	1.7	7.8 +	1.33	0.21	6.28	1666.	50.	5.
330	0000	-500	37.0220	81.7909	OMUU	1.2 +	1.7	7.7 +	1.42	0.22	6.56	1643.	49.	5.
331	0000	-504	37.0220	81.7902	OMUU	1.2 +	1.7	7.6 +	1.46	0.23	6.42	1626.	50.	5.
332	0000	-506	37.0221	81.7896	OMUU	1.1	2.0	6.9	1.79	0.28	6.33	1591.	50.	6.
333	0000	-507	37.0221	81.7890	OMUU	1.0	1.9	6.6	1.86	0.29	6.48	1523.	50.	6.
334	0000	-509	37.0221	81.7883	OMUU	1.0	1.9	6.3	1.99	0.31	6.46	1470.	50.	7.
335	0000	-509	37.0221	81.7877	OMUU	1.0	1.7	6.3	1.76	0.26	6.65	1437.	51.	7.
336	0000	-508	37.0221	81.7870	OMUU	0.9	1.7	6.6	1.84	0.25	7.23	1448.	49.	8.
337	0000	-510	37.0221	81.7863	OMUU	1.0	1.7	7.0	1.79	0.24	7.36	1483.	48.	7.
338	0000	-511	37.0221	81.7857	OMUU	0.9	1.6	7.4	1.82	0.22	8.23	1483.	48.	7.
339	0000	-510	37.0222	81.7851	OMUU	1.0	1.5	7.9 +	1.54	0.19	8.11	1522.	47.	6.
340	0000	-511	37.0222	81.7844	OMUU	1.0	1.6	8.3 +	1.57	0.19	8.08	1571.	50.	6.
341	0000	-513	37.0222	81.7838	OMUU	1.1	1.7	8.3 +	1.64	0.21	7.86	1602.	52.	6.
342	0000	-516	37.0222	81.7831	OMUU	1.1	1.9	8.5 +	1.75	0.22	7.88	1640.	50.	5.
343	0000	-517	37.0222	81.7826	OMUU	1.1	1.9	8.5 +	1.73	0.22	7.75	1648.	52.	5.
344	0000	-516	37.0222	81.7819	OMUU	1.1	2.1 +	8.1 +	1.90	0.26	7.31	1644.	54.	5.
345	0000	-515	37.0222	81.7813	OMUU	1.1	2.2 +	8.1 +	2.05	0.28	7.39	1666.	54.	5.
346	0000	-517	37.0222	81.7806	OMUU	1.1	2.2 +	8.2 +	2.00	0.27	7.53	1666.	55.	5.
347	0000	-520	37.0222	81.7800	OMUU	1.1	2.0 +	8.5 +	1.85	0.24	7.79	1681.	53.	5.
348	0000	-521	37.0222	81.7794	OMUU	1.1	1.9	8.7 +	1.65	0.21	7.76	1697.	52.	4.
349	0000	-521	37.0222	81.7787	OMUU	1.1	1.9	9.0 +	1.65	0.21	7.85	1702.	54.	4.
350	0000	-523	37.0222	81.7780	OMUU	1.2 +	1.9	9.1 +	1.57	0.21	7.58	1693.	56.	3.
351	0000	-525	37.0222	81.7774	OMUU	1.2 +	1.8	9.1 +	1.42	0.19	7.35	1707.	54.	3.
352	0000	-526	37.0222	81.7768	OMUU	1.3 +	1.6	9.1 +	1.21 -	0.18 -	6.80	1709.	54.	2.
353	0000	-527	37.0222	81.7761	OMUU	1.3 +	1.6	9.3 +	1.24 -	0.18 -	6.98	1710.	55.	1.
354	0000	-527	37.0222	81.7755	OMUU	1.3 +	1.6	8.9 +	1.25 -	0.18 -	6.88	1661.	55.	1.
355	0000	-528	37.0222	81.7748	OMUU	1.2 +	1.6	8.8 +	1.32	0.19 -	7.08	1626.	56.	0.
356	0000	-530	37.0222	81.7742	OMUU	1.2 +	1.7	8.0 +	1.36	0.21	6.56	1591.	55.	0.
357	0000	-531	37.0222	81.7735	OMUU	1.2 +	1.6	7.6 +	1.41	0.22	6.51	1565.	50.	1.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-530	37.0222	81.7729	OMUU	1.1	1.5	7.6 +	1.36	0.20	6.87	1509.	52.	1.
359	0000	-532	37.0222	81.7722	OMUU	1.0	1.7	7.6 +	1.68	0.22	7.48	1478.	50.	1.
360	0000	-535	37.0222	81.7716	OMUU	1.0	1.6	8.1 +	1.61	0.20	8.03	1481.	48.	1.
361	0000	-535	37.0223	81.7709	OMUU	1.1	1.6	7.8 +	1.53	0.21	7.44	1504.	48.	2.
362	0000	-536	37.0223	81.7703	OMUU	1.1	1.7	7.8 +	1.59	0.22	7.36	1518.	47.	4.
363	0000	-536	37.0223	81.7697	OMUU	1.1	1.6	7.8 +	1.52	0.21	7.38	1531.	49.	4.
364	0000	-535	37.0223	81.7690	OMUU	1.1	1.6	7.9 +	1.47	0.20	7.31	1560.	49.	5.
365	0000	-537	37.0223	81.7684	OMUU	1.1	1.8	7.8 +	1.59	0.23	7.05	1600.	48.	5.
366	0000	-540	37.0223	81.7677	OMUU	1.1	1.7	7.7 +	1.54	0.22	6.86	1619.	50.	5.
367	0000	-541	37.0223	81.7671	OMUU	1.2 +	1.8	6.9	1.51	0.26	5.92	1596.	53.	5.
368	0000	-543	37.0223	81.7665	OMUU	1.2 +	1.8	7.0	1.56	0.26	5.99	1591.	56.	4.
369	0000	-545	37.0223	81.7658	OMUU	1.2 +	1.6	7.0	1.37	0.23	5.99	1577.	57.	2.
370	0000	-545	37.0223	81.7652	OMUU	1.1	1.7	6.9	1.50	0.25	6.08	1540.	56.	1.
371	0000	-544	37.0223	81.7645	OMUU	1.0	1.8	7.0	1.69	0.25	6.74	1480.	58.	1.
372	0000	-545	37.0223	81.7638	OMUU	1.0	1.6	7.0	1.60	0.22	7.12	1406.	57.	1.
373	0000	-547	37.0224	81.7632	OMUU	0.9	1.4	6.6	1.50	0.21	7.14	1330.	57.	2.
374	0000	-550	37.0224	81.7626	OMUU	0.8	1.3	6.2	1.67	0.21	7.84	1243.	58.	3.
375	0000	-551	37.0224	81.7619	OMUU	0.7	1.2	5.5	1.72	0.22	7.78	1144.	57.	5.
376	0000	-551	37.0224	81.7613	OMUU	0.6	1.3	4.8	2.15	0.28	7.74	1065.	55.	6.
377	0000	-551	37.0224	81.7607	OMUU	0.6	1.0	4.7	1.63	0.22	7.32	1013.	56.	8.
378	0000	-553	37.0224	81.7601	OMUU	0.6	0.9 -	4.3	1.48	0.22	6.81	990.	56.	8.
379	0000	-555	37.0224	81.7594	OMUU	0.6	1.1	4.2	1.70	0.25	6.70	994.	56.	8.
380	0000	-555	37.0224	81.7587	OMUU	0.7	1.1	4.4	1.74	0.26	6.75	1005.	56.	7.
381	0000	-555	37.0224	81.7582	OKU	0.7	1.2	4.4	1.80	0.28	6.39	1030.	54.	6.
382	0000	-556	37.0224	81.7575	OKU	0.7	1.4	4.3	2.12	0.32	6.58	1041.	52.	5.
383	0000	-557	37.0224	81.7569	OKU	0.7	1.4	4.2	1.99	0.33	6.02	1037.	51.	4.
384	0000	-558	37.0224	81.7562	OKU	0.7	1.6	4.0	2.31	0.40	5.83	1034.	52.	3.
385	0000	-559	37.0224	81.7555	OKU	0.7	1.6	3.7	2.27	0.43 +	5.32	1026.	50.	3.
386	0000	-558	37.0224	81.7549	OKU	0.7	1.6	3.7	2.35	0.44 +	5.32	1024.	52.	4.
387	0000	-560	37.0224	81.7543	OKU	0.7	1.7	3.7	2.38	0.47 +	5.07	1018.	50.	4.
388	0000	-562	37.0224	81.7536	OKU	0.7	1.6	3.7	2.26	0.45 +	5.04 -	1005.	51.	5.
389	0000	-561	37.0225	81.7530	OKU	0.8	1.5	4.0	1.96	0.37	5.28	1005.	52.	5.
390	0000	-562	37.0225	81.7523	OKU	0.7	1.3	4.2	1.77	0.31	5.66	1028.	54.	6.
391	0000	-564	37.0225	81.7517	OKU	0.8	1.2	4.5	1.55	0.27	5.66	1037.	52.	6.
392	0000	-563	37.0225	81.7511	OKU	0.8	1.2	4.3	1.46	0.28	5.24	1052.	52.	7.
393	0000	-563	37.0225	81.7504	OKU	0.9	1.1	4.0	1.31 -	0.28	4.71 -	1061.	50.	7.
394	0000	-566	37.0225	81.7497	OKU	0.8	1.1	4.0	1.28 -	0.27	4.77 -	1069.	50.	6.
395	0000	-566	37.0225	81.7491	OKU	0.8	1.3	4.3	1.58	0.30	5.26	1094.	50.	6.
396	0000	-565	37.0225	81.7485	OKU	0.8	1.4	4.2	1.77	0.34	5.21	1123.	48.	5.
397	0000	-566	37.0225	81.7478	OKU	0.8	1.5	4.2	1.83	0.35	5.20	1116.	49.	5.
398	0000	-567	37.0225	81.7472	OKU	0.8	1.6	4.0	2.07	0.39	5.26	1109.	51.	4.
399	0000	-570	37.0225	81.7465	OKU	0.8	1.6	3.9	2.04	0.40	5.06	1097.	54.	4.
400	0000	-571	37.0225	81.7458	OKU	0.8	1.4	4.0	1.65	0.35	4.74 -	1126.	52.	4.
401	0000	-570	37.0225	81.7452	OKU	0.9	1.2	3.9	1.36 -	0.32	4.28 -	1150.	55.	4.
402	0000	-572	37.0225	81.7446	OKU	1.0	1.3	3.6	1.30 -	0.36	3.63 -	1195.	58.	3.
403	0000	-575	37.0225	81.7439	OKU	1.1 +	1.3	3.9	1.24 -	0.34	3.58 -	1250.	60.	3.
404	0000	-574	37.0225	81.7433	OKU	1.2 +	1.5	3.9	1.18 -	0.37	3.17 --	1344.	59.	3.
405	0000	-574	37.0225	81.7426	OKU	1.3 +	1.5	4.6	1.12 -	0.33	3.40 -	1438.	57.	3.
406	0000	-575	37.0225	81.7420	OKU	1.4 +	1.5	5.1	1.08 -	0.30	3.59 -	1521.	55.	3.
407	0000	-575	37.0225	81.7414	OKU	1.4 +	1.6	5.5	1.16 -	0.30	3.94 -	1548.	57.	3.
408	0000	-575	37.0226	81.7407	OKU	1.4 +	1.7	5.7	1.26 -	0.30	4.14 -	1574.	57.	3.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH.	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-576	37.0226	81.7401	OKU	1.4 +	1.7	5.8	1.21 -	0.30	3.99 -	1594.	55.	4.
410	0000	-575	37.0226	81.7394	OKU	1.4 +	1.6	5.7	1.09 -	0.27	4.01 -	1602.	53.	5.
411	0000	-577	37.0226	81.7389	OKU	1.4 +	1.3	6.1	0.98 -	0.22	4.41 -	1584.	54.	6.
412	0000	-578	37.0226	81.7382	OKU	1.3 +	1.3	6.1	1.00 -	0.22	4.58 -	1576.	55.	7.
413	0000	-577	37.0226	81.7375	OKU	1.3 +	1.5	6.0	1.22 -	0.26	4.75 -	1565.	55.	7.
414	0000	-577	37.0226	81.7369	OKU	1.2 +	1.6	5.9	1.32 -	0.27	4.88 -	1550.	55.	8.
415	0000	-576	37.0226	81.7363	OKU	1.2 +	1.6	6.0	1.36 -	0.27	5.02 -	1555.	53.	8.
416	0000	-576	37.0226	81.7356	OKU	1.2 +	1.6	5.7	1.28 -	0.28	4.65 -	1566.	53.	8.
417	0000	-578	37.0226	81.7350	OKU	1.3 +	1.8	5.5	1.42	0.34	4.24 -	1563.	56.	7.
418	0000	-577	37.0226	81.7343	OKU	1.3 +	1.9	4.9	1.48	0.40	3.72 -	1543.	58.	7.
419	0000	-577	37.0226	81.7337	OKU	1.4 +	1.9	4.4	1.40	0.44 +	3.16 --	1532.	59.	6.
420	0000	-578	37.0226	81.7331	OKU	1.5 +	1.7	4.2	1.14 -	0.40	2.88 --	1526.	61.	6.
421	0000	-578	37.0227	81.7324	OKU	1.5 +	1.7	4.0	1.13 -	0.44 +	2.58 --	1540.	61.	5.
422	0000	-578	37.0227	81.7318	OKU	1.6 +	1.8	3.6	1.11 -	0.49 +	2.26 --	1543.	63.	5.
423	0000	-580	37.0227	81.7311	OKU	1.6 +	1.8	4.1	1.16 -	0.45 +	2.59 --	1536.	60.	4.
424	0000	-582	37.0227	81.7304	OKU	1.5 +	1.7	4.1	1.13 -	0.42	2.69 --	1531.	59.	4.
425	0000	-583	37.0227	81.7299	OKU	1.5 +	1.9	4.6	1.26 -	0.42	3.03 --	1525.	58.	3.
426	0000	-582	37.0227	81.7292	OKU	1.4 +	1.7	4.6	1.22 -	0.38	3.25 --	1479.	55.	4.
427	0000	-583	37.0227	81.7285	OKU	1.3 +	1.8	4.3	1.47	0.43 +	3.42 -	1398.	54.	4.
428	0000	-587	37.0227	81.7279	OKU	1.1 +	1.6	4.0	1.43	0.40	3.59 -	1288.	55.	6.
429	0000	-586	37.0227	81.7272	OKU	1.0	1.6	3.8	1.65	0.41	4.02 -	1177.	56.	5.
430	0000	-583	37.0227	81.7266	OKU	0.8	1.3	3.7	1.65	0.36	4.65 -	1059.	59.	6.
431	0000	-585	37.0227	81.7260	OKU	0.7	1.2	3.5 -	1.82	0.34	5.40	956.	59.	7.
432	0000	-586	37.0227	81.7253	OKU	0.5	0.9 -	3.2 -	1.84	0.29	6.34	870.	58.	8.
433	0000	-586	37.0227	81.7247	OKU	0.4	0.9 -	3.3 -	2.13	0.28	7.53	822.	60.	7.
434	0000	-587	37.0227	81.7240	OKU	0.5	0.8 -	3.3 -	1.83	0.25	7.27	814.	59.	8.
435	0000	-586	37.0227	81.7233	OKU	0.5	0.7 -	3.5	1.33 -	0.19 -	6.99	841.	59.	9.
436	0000	-585	37.0227	81.7227	OKU	0.6	0.5 --	3.8	0.78 --	0.12 --	6.37	890.	59.	10.
437	0000	-585	37.0227	81.7221	OKU	0.7	0.5 --	3.9	0.67 --	0.12 --	5.61	947.	56.	11.
438	0000	-585	37.0227	81.7214	OKU	0.8	0.4 --	3.8	0.56 --	0.11 --	4.87 -	986.	58.	11.
439	0000	-586	37.0227	81.7208	OKU	0.8	0.7 -	3.8	0.80 --	0.18 -	4.46 -	1039.	56.	11.
440	0000	-588	37.0227	81.7201	OKU	0.9	0.8 -	3.7	0.88 -	0.20 -	4.40 -	1053.	54.	10.
441	0000	-588	37.0227	81.7195	OKU	0.8	0.8 -	3.8	0.93 -	0.20 -	4.64 -	1061.	54.	8.
442	0000	-588	37.0227	81.7189	OMUU	0.8	1.1	3.6 -	1.46	0.31	4.65 -	1049.	56.	6.
443	0000	-587	37.0227	81.7182	OMUU	0.7	1.2	3.8	1.66	0.32	5.18 -	1043.	57.	4.
444	0000	-586	37.0227	81.7175	OMUU	0.7	1.5	3.8	2.09	0.39 +	5.31 -	1041.	56.	3.
445	0000	-586	37.0227	81.7170	OMUU	0.7	1.6	4.1	2.29	0.38 +	6.03	1046.	52.	1.
446	0000	-588	37.0227	81.7163	OMUU	0.6	1.5	4.2	2.39	0.37	6.54	1020.	55.	0.
447	0000	-589	37.0227	81.7157	OMUU	0.7	1.6	4.4	2.35	0.36	6.58	1033.	56.	0.
448	0000	-588	37.0228	81.7150	OMUU	0.7	1.6	4.9	2.14	0.32	6.75	1064.	54.	1.
449	0000	-590	37.0227	81.7143	OMUU	0.8	1.5	5.2	1.87	0.28	6.64	1108.	51.	2.
450	0000	-590	37.0227	81.7136	OMUU	0.8	1.5	5.3	1.89	0.28	6.71	1115.	50.	4.
451	0000	-588	37.0227	81.7130	OMUU	0.8	1.4	5.1	1.80	0.27	6.68	1105.	53.	6.
452	0000	-589	37.0227	81.7123	OMUU	0.7	1.3	5.5	1.71	0.23	7.41	1129.	55.	7.
453	0000	-590	37.0227	81.7116	OMUU	0.8	1.2	5.4	1.56	0.22	7.22	1166.	55.	9.
454	0000	-590	37.0227	81.7110	OMUU	0.8	1.1	5.6	1.48	0.21	7.19	1211.	56.	9.
455	0000	-588	37.0227	81.7102	OMUU	0.7	1.3	5.8	1.75	0.22	7.84	1227.	56.	10.
456	0000	-588	37.0227	81.7096	OMUU	0.7	1.3	5.9	1.90	0.22	8.48	1243.	57.	9.
457	0000	-588	37.0226	81.7090	OMUU	0.7	1.5	5.8	2.00	0.25	7.86	1272.	56.	8.
458	0000	-588	37.0226	81.7083	OMUU	0.8	1.3	6.7	1.65	0.19	8.70	1304.	60.	7.
459	0000	-589	37.0226	81.7076	OMUU	0.8	1.3	6.5	1.63	0.20	8.33	1300.	59.	7.

CP 9 1P 12

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-590	37.0226	81.7069	OMUU	0.8	1.3	6.8	1.66	0.19	8.72	1303.	57.	6.
461	0000	-590	37.0226	81.7062	OMUU	0.8	1.4	7.0	1.82	0.20	8.95	1313.	56.	5.
462	0000	-588	37.0226	81.7056	OMUU	0.8	1.5	7.1	1.95	0.21	9.15	1330.	57.	5.
463	0000	-589	37.0226	81.7049	OMUU	0.8	1.3	7.7 +	1.57	0.17 -	9.43	1346.	58.	6.
464	0000	-591	37.0226	81.7042	OMUU	0.8	1.1	8.1 +	1.35	0.14 -	9.85	1376.	57.	8.
465	0000	-592	37.0225	81.7036	OMUU	0.8	1.2	8.1 +	1.50	0.15 -	9.94	1371.	53.	8.
466	0000	-592	37.0225	81.7030	OMUU	0.8	1.3	8.0 +	1.61	0.16 -	10.21	1367.	54.	8.
467	0000	-590	37.0226	81.7022	OMUU	0.8	1.4	8.1 +	1.78	0.17 -	10.71	1360.	54.	9.
468	0000	-589	37.0226	81.7016	OMUU	0.7	1.5	7.8 +	1.95	0.19	10.48	1339.	53.	9.
469	0000	-592	37.0225	81.7009	OMUU	0.8	1.3	7.7 +	1.77	0.17 -	10.13	1341.	53.	9.
470	0000	-592	37.0225	81.7002	OMUU	0.7	1.6	7.5 +	2.14	0.21	10.23	1345.	49.	8.
471	0000	-592	37.0225	81.6996	OMUU	0.7	1.6	7.5 +	2.41	0.22	10.99	1318.	51.	6.
472	0000	-592	37.0225	81.6989	OMUU	0.7	1.8	7.1	2.62	0.25	10.60	1315.	50.	5.
473	0000	-590	37.0224	81.6983	OMUU	0.7	1.8	7.2	2.58	0.25	10.24	1328.	50.	3.
474	0000	-590	37.0225	81.6976	OMUU	0.8	1.8	7.1	2.34	0.25	9.41	1355.	51.	2.
475	0000	-591	37.0225	81.6969	OMUU	0.8	1.6	7.3	2.03	0.22	9.15	1378.	53.	1.
476	0000	-590	37.0225	81.6963	OMUU	0.8	1.7	6.9	2.10	0.25	8.41	1377.	54.	0.
477	0000	-590	37.0224	81.6956	OMUU	0.8	1.8	6.6	2.28	0.28	8.12	1362.	54.	0.
478	0000	-591	37.0224	81.6949	OMUU	0.8	1.8	6.4	2.18	0.28	7.79	1341.	54.	0.
479	0000	-592	37.0224	81.6943	OMUU	0.8	1.7	6.4	2.09	0.27	7.72	1343.	56.	1.
480	0000	-591	37.0224	81.6936	OMUU	0.8	1.7	6.4	2.03	0.26	7.86	1348.	56.	2.
481	0000	-590	37.0224	81.6929	OMUU	0.8	1.8	6.6	2.21	0.27	8.31	1357.	56.	3.
482	0000	-591	37.0224	81.6922	OKU	0.8	1.7	6.5 +	2.15	0.25	8.43	1366.	54.	4.
483	0000	-592	37.0224	81.6915	OKU	0.7	1.6	6.7 +	2.30	0.25	8.94	1362.	56.	6.
484	0000	-592	37.0224	81.6909	OKU	0.8	1.6	6.6 +	2.01	0.23	8.58	1363.	58.	6.
485	0000	-591	37.0223	81.6902	OKU	0.8	1.5	6.1	2.00	0.24	8.16	1377.	59.	8.
486	0000	-591	37.0223	81.6895	OKU	0.7	1.4	6.3	1.83	0.22 -	8.50	1388.	61.	9.
487	0000	-593	37.0223	81.6889	OKU	0.8	1.6	6.4	2.14	0.26	8.29	1410.	60.	8.
488	0000	-595	37.0223	81.6883	OKU	0.8	1.5	6.7 +	1.85	0.23	8.17	1420.	60.	7.
489	0000	-593	37.0223	81.6875	OKU	0.8	1.7	7.0 +	2.22	0.25	8.94	1408.	59.	6.
490	0000	-592	37.0223	81.6869	OKU	0.8	1.7	7.1 +	2.16	0.24	8.93	1399.	59.	4.
491	0000	-593	37.0223	81.6862	OKU	0.8	1.9	7.4 +	2.46	0.25	9.83	1401.	57.	3.
492	0000	-593	37.0223	81.6855	OKU	0.7	2.1 +	8.3 +	2.79	0.25	11.09	1409.	55.	2.
493	0000	-593	37.0222	81.6849	OKU	0.7	2.3 +	8.3 +	3.14	0.27	11.49	1378.	54.	1.
494	0000	-593	37.0222	81.6842	OKU	0.7	2.0	8.3 +	2.88	0.24	11.98 +	1341.	54.	0.
495	0000	-592	37.0222	81.6835	OKU	0.6	2.2 +	7.7 +	3.69	0.28	13.15 +	1291.	54.	0.
496	0000	-592	37.0222	81.6828	OKU	0.5	2.0	7.6 +	3.79	0.27	14.18 +	1242.	55.	0.
497	0000	-592	37.0222	81.6823	OKU	0.5	2.2 +	7.6 +	4.64 +	0.28	16.47 +	1226.	52.	0.
498	0000	-593	37.0222	81.6816	OKU	0.4	1.9	7.1 +	4.35 +	0.27	16.20 +	1201.	52.	0.
499	0000	-593	37.0222	81.6809	OKU	0.4	1.9	6.6 +	4.32 +	0.29	14.72 +	1181.	55.	0.
500	0000	-593	37.0222	81.6802	OKU	0.5	1.9	6.7 +	3.95	0.28	14.05 +	1209.	54.	1.
501	0000	-593	37.0222	81.6796	OKU	0.4	2.1 +	7.1 +	4.82 +	0.30	16.04 +	1237.	52.	1.
502	0000	-594	37.0222	81.6789	OKU	0.5	1.9	7.2 +	3.59	0.26	13.92 +	1256.	54.	2.
503	0000	-593	37.0222	81.6782	OKU	0.6	1.9	7.0 +	3.28	0.26	12.41 +	1288.	53.	2.
504	0000	-593	37.0221	81.6776	OKU	0.6	1.7	7.2 +	2.81	0.23	12.15 +	1302.	54.	4.
505	0000	-595	37.0221	81.6768	OKU	0.6	1.8	7.4 +	3.03	0.24	12.37 +	1311.	58.	4.
506	0000	-596	37.0221	81.6762	OKU	0.6	1.6	7.9 +	2.65	0.20 -	13.12 +	1315.	55.	5.
507	0000	-595	37.0221	81.6756	OKU	0.6	1.6	7.6 +	2.71	0.21 -	12.99 +	1299.	56.	5.
508	0000	-596	37.0220	81.6748	OKU	0.6	1.2	7.0 +	2.01	0.18 -	11.43	1277.	57.	7.
509	0000	-595	37.0220	81.6742	OKU	0.6	1.5	7.2 +	2.49	0.20 -	12.23 +	1267.	55.	6.
510	0000	-594	37.0221	81.6736	OKU	0.6	1.5	7.4 +	2.49	0.20 -	12.46 +	1281.	54.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T-	T- / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-596	37.0221	81.6729	OKU	0.7	1.6	7.2 +	2.44	0.33	10.35	1300.	55.	5.
512	0000	-596	37.0220	81.6722	OKU	0.8	1.6	7.0 +	2.07	0.33	8.83	1334.	52.	5.
513	0000	-593	37.0220	81.6716	OKU	0.8	1.7	6.6 +	1.96	0.35	8.37	1365.	55.	4.
514	0000	-596	37.0220	81.6708	OKU	0.9	1.8	6.6 +	2.05	0.27	7.55	1396.	54.	3.
515	0000	-598	37.0220	81.6702	OKU	0.9	2.1 +	6.6 +	2.39	0.32	7.40	1407.	56.	2.
516	0000	-596	37.0220	81.6695	OKU	0.9	2.1 +	6.8 +	2.22	0.31	7.22	1430.	57.	1.
517	0000	-597	37.0220	81.6688	OKU	1.0	2.1 +	6.3	2.09	0.33	6.39	1422.	57.	1.
518	0000	-597	37.0220	81.6682	OKU	0.9	2.0	5.9	2.13	0.34	6.26	1378.	58.	1.
519	0000	-598	37.0220	81.6675	OKU	0.9	1.9	5.8	2.22	0.33	6.56	1335.	59.	1.
520	0000	-600	37.0219	81.6669	OKU	0.8	1.9	5.5	2.32	0.34	6.77	1290.	59.	2.
521	0000	-598	37.0219	81.6662	OKU	0.8	1.8	5.4	2.34	0.33	7.01	1246.	60.	3.
522	0000	-598	37.0219	81.6655	OKU	0.8	1.7	5.4	2.18	0.31	6.97	1226.	58.	4.
523	0000	-601	37.0220	81.6649	OKU	0.7	1.6	5.0	2.20	0.33	6.77	1213.	57.	4.
524	0000	-599	37.0219	81.6642	OKU	0.8	1.5	5.0	2.00	0.31	6.53	1198.	60.	6.
525	0000	-599	37.0219	81.6635	OKU	0.9	1.4	5.2	1.67	0.28	6.05	1240.	58.	7.
526	0000	-599	37.0219	81.6629	OKU	0.9	1.6	5.3	1.79	0.31	5.81	1285.	56.	7.
527	0000	-599	37.0219	81.6622	OKU	1.0	1.8	4.9	1.84	0.36	5.10	1318.	53.	8.
528	0000	-602	37.0219	81.6615	OKU	1.0 +	1.8	4.7	1.77	0.38	4.60 -	1343.	54.	7.
529	0000	-601	37.0219	81.6609	OKU	1.1 +	1.7	4.9	1.51	0.35	4.36 -	1376.	56.	6.
530	0000	-599	37.0219	81.6602	OKU	1.2 +	1.8	4.8	1.45	0.37	3.93 -	1415.	56.	6.
531	0000	-602	37.0219	81.6595	OKU	1.2 +	2.0	5.1	1.66	0.40	4.19 -	1433.	55.	4.
532	0000	-602	37.0218	81.6589	OKU	1.2 +	2.3 +	4.9	1.89	0.46 +	4.08 -	1411.	55.	3.
533	0000	-602	37.0218	81.6582	OKU	1.2 +	2.1 +	4.8	1.81	0.44 +	4.08 -	1373.	56.	2.
534	0000	-604	37.0218	81.6575	OKU	1.2 +	2.2 +	5.2	1.85	0.42	4.40 -	1362.	57.	1.
535	0000	-602	37.0218	81.6568	OKU	1.2 +	2.2 +	5.2	1.75	0.42	4.19 -	1382.	58.	1.
536	0000	-602	37.0217	81.6561	OKU	1.2 +	2.7 ++	4.5	2.27	0.60 ++	3.80 -	1378.	59.	1.
537	0000	-604	37.0218	81.6555	OKU	1.1 +	2.7 ++	4.2	2.48	0.65 ++	3.81 -	1368.	59.	1.
538	0000	-604	37.0218	81.6548	OKU	1.1 +	2.4 +	4.4	2.15	0.56 +	3.85 -	1387.	57.	2.
539	0000	-604	37.0218	81.6541	OKU	1.2 +	2.4 +	4.4	2.05	0.55 +	3.76 -	1411.	58.	3.
540	0000	-606	37.0217	81.6535	OKU	1.2 +	2.4 +	4.4	2.10	0.55 +	3.80 -	1422.	58.	3.
541	0000	-607	37.0217	81.6528	OKU	1.1 +	2.2 +	4.3	2.00	0.51 +	3.96 -	1400.	57.	4.
542	0000	-607	37.0217	81.6521	OKU	1.0	2.1 +	4.3	2.10	0.49 +	4.26 -	1363.	56.	4.
543	0000	-606	37.0217	81.6515	OKU	1.0	1.7	5.0	1.68	0.34	4.91 -	1332.	55.	5.
544	0000	-607	37.0217	81.6508	OKU	1.0	1.6	5.3	1.62	0.30	5.44	1292.	57.	4.
545	0000	-606	37.0217	81.6501	OKU	0.9	1.8	5.1	2.03	0.34	5.92	1253.	57.	5.
546	0000	-607	37.0217	81.6495	OKU	0.8	1.6	5.6	2.00	0.28	7.06	1250.	53.	4.
547	0000	-610	37.0217	81.6488	OKU	0.8	1.6	6.0	1.89	0.26	7.18	1267.	52.	4.
548	0000	-608	37.0216	81.6482	OKU	0.9	1.8	5.9	1.96	0.30	6.54	1307.	52.	4.
549	0000	-608	37.0216	81.6474	OKU	1.0	1.8	5.8	1.88	0.31	6.01	1338.	49.	4.
550	0000	-611	37.0217	81.6469	OKU	1.0 +	1.8	5.6	1.72	0.32	5.33	1380.	49.	4.
551	0000	-610	37.0216	81.6462	OKU	1.1 +	1.7	5.5	1.56	0.32	4.90 -	1414.	45.	4.
552	0000	-607	37.0216	81.6455	OKU	1.3 +	1.8	5.2	1.40	0.34	4.13 -	1445.	46.	4.
553	0000	-609	37.0216	81.6448	OKU	1.3 +	1.8	5.0	1.35 -	0.36	3.74 -	1451.	49.	3.
554	0000	-610	37.0216	81.6442	OKU	1.3 +	1.8	4.7	1.32 -	0.37	3.57 -	1434.	49.	3.
555	0000	-608	37.0215	81.6435	OKU	1.2 +	1.8	4.8	1.48	0.38	3.89 -	1411.	48.	2.
556	0000	-610	37.0215	81.6428	OKU	1.2 +	1.7	5.1	1.44	0.33	4.30 -	1376.	51.	2.
557	0000	-612	37.0215	81.6421	OKU	1.1 +	1.9	5.3	1.76	0.35	5.02 -	1352.	49.	2.
558	0000	-611	37.0215	81.6414	OKU	1.0	1.7	5.3	1.78	0.33	5.44	1302.	53.	3.
559	0000	-612	37.0215	81.6408	OKU	0.8	1.6	5.3	1.90	0.30	6.32	1244.	54.	4.
560	0000	-613	37.0215	81.6402	OKU	0.7	1.4	5.3	2.01	0.27	7.39	1194.	51.	6.
561	0000	-613	37.0215	81.6394	OKU	0.6	1.3	5.7	2.13	0.23	9.19	1156.	51.	7.

CP9 1P12

CP9 1P12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-613	37.0215	81.6388		OKU	0.6	1.1	5.9	1.74	0.18 -	9.46	1137.	54.	8.
563	0000	-613	37.0214	81.6382		OKU	0.6	1.0 -	6.0	1.61	0.16 -	9.82	1131.	54.	10.
564	0000	-615	37.0215	81.6374		OKU	0.6	0.8 -	6.1	1.31 -	0.14 --	9.53	1112.	59.	10.
565	0000	-615	37.0215	81.6368		OKU	0.6	1.0 -	6.1	1.66	0.17 -	10.01	1131.	56.	10.
566	0000	-615	37.0215	81.6361		OKU	0.6	0.8 -	6.6 +	1.28 -	0.12 --	10.37	1162.	56.	10.
567	0000	-615	37.0214	81.6354		OKU	0.6	1.1	6.5 +	1.67	0.17 -	10.11	1179.	58.	9.
568	0000	-615	37.0214	81.6348		OKU	0.7	1.3	6.2	1.78	0.20 -	8.80	1204.	59.	7.
569	0000	-614	37.0214	81.6341		OKU	0.7	1.2	6.1	1.72	0.20 -	8.76	1221.	58.	7.
570	0000	-615	37.0214	81.6334		OKU	0.7	1.5	5.8	2.18	0.26	8.35	1233.	58.	6.
571	0000	-616	37.0213	81.6327		OKU	0.7	1.6	5.7	2.19	0.28	7.94	1262.	55.	5.
572	0000	-615	37.0214	81.6322		OKU	0.8	1.5	6.0	2.04	0.26	7.99	1298.	53.	5.
573	0000	-616	37.0214	81.6315		OKU	0.8	1.7	5.9	2.06	0.28	7.35	1331.	52.	5.
574	0000	-618	37.0214	81.6308		OKU	0.9	1.4	5.9	1.66	0.24	6.88	1358.	53.	6.
575	0000	-617	37.0213	81.6301		OKU	0.9	1.5	5.8	1.68	0.25	6.62	1375.	52.	7.
576	0000	-616	37.0213	81.6295		OKU	0.9	1.5	5.9	1.69	0.26	6.62	1397.	54.	8.
577	0000	-618	37.0213	81.6288		OKU	0.9	1.3	6.1	1.48	0.22	6.66	1407.	56.	9.
578	0000	-618	37.0213	81.6281		OKU	0.9	1.3	6.4	1.37 -	0.20 -	6.95	1392.	57.	10.
579	0000	-618	37.0213	81.6274		OKU	0.9	1.1	6.2	1.21 -	0.18 -	6.77	1363.	61.	11.
580	0000	-620	37.0213	81.6267		OKU	0.9	1.2	6.3	1.34 -	0.19 -	7.15	1339.	62.	12.
581	0000	-620	37.0213	81.6261		OKU	0.9	1.2	6.2	1.36 -	0.19 -	7.19	1332.	61.	13.
582	0000	-620	37.0213	81.6255		OKU	0.9	1.0 -	6.9 +	1.20 -	0.15 --	8.09	1343.	60.	13.
583	0000	-620	37.0212	81.6248		OKU	0.9	1.0 -	7.1 +	1.12 -	0.14 --	8.08	1346.	58.	13.
584	0000	-622	37.0212	81.6241		OKU	0.9	0.9 -	7.4 +	0.98 -	0.12 --	8.36	1347.	57.	12.
585	0000	-621	37.0212	81.6235		OKU	0.9	1.0 -	7.4 +	1.12 -	0.13 --	8.56	1347.	53.	11.
586	0000	-620	37.0212	81.6227		OMUU	0.8	1.2	7.1	1.51	0.17 -	8.63	1341.	52.	11.
587	0000	-620	37.0212	81.6221		OMUU	0.7	1.4	7.2	1.89	0.20	9.67	1322.	52.	10.
588	0000	-622	37.0212	81.6214		OMUU	0.7	1.4	7.3	2.06	0.19	10.68	1291.	53.	10.
589	0000	-623	37.0212	81.6207		OMUU	0.6	1.4	6.5	2.17	0.21	10.15	1245.	55.	10.
590	0000	-621	37.0212	81.6201		OMUU	0.6	1.3	6.3	2.35	0.21	11.15	1197.	54.	10.
591	0000	-621	37.0211	81.6194		OMUU	0.5	1.5	6.0	3.17	0.25	12.78 +	1155.	54.	10.
592	0000	-624	37.0211	81.6187		OMUU	0.5	1.3	5.6	2.90	0.24	12.21	1114.	55.	11.
593	0000	-626	37.0212	81.6181		OMUU	0.5	1.2	5.6	2.56	0.21	12.03	1100.	55.	11.
594	0000	-625	37.0212	81.6175		OMUU	0.5	0.9 -	5.2	1.77	0.18 -	9.94	1077.	57.	11.
595	0000	-624	37.0211	81.6167		OMUU	0.6	1.0 -	5.6	1.74	0.17 -	10.16	1094.	54.	10.
596	0000	-626	37.0211	81.6161		OMUU	0.6	1.1	6.0	1.77	0.18 -	10.04	1131.	53.	9.
597	0000	-626	37.0211	81.6154		OMUU	0.7	1.2	6.1	1.79	0.20	8.99	1188.	55.	7.
598	0000	-625	37.0211	81.6148		OMUU	0.8	1.3	6.4	1.53	0.19	7.86	1243.	56.	6.
599	0000	-626	37.0211	81.6141		OMUU	0.8	1.4	6.8	1.63	0.20	8.14	1290.	55.	4.
600	0000	-627	37.0211	81.6135		OMUU	0.9	1.4	6.8	1.68	0.21	7.90	1300.	56.	3.
601	0000	-627	37.0211	81.6129		OMUU	0.8	1.7	7.1	2.14	0.24	8.80	1333.	53.	2.
602	0000	-627	37.0211	81.6122		OMUU	0.9	1.7	6.8	1.92	0.25	7.70	1351.	56.	2.
603	0000	-627	37.0211	81.6116		OMUU	0.9	1.6	7.0	1.68	0.22	7.47	1381.	57.	1.
604	0000	-629	37.0211	81.6111		OMUU	0.9	1.6	7.3	1.67	0.22	7.67	1403.	56.	2.
605	0000	-630	37.0211	81.6104		OMUU	0.9	1.8	7.7 +	1.92	0.24	8.10	1465.	58.	2.
606	0000	-628	37.0211	81.6097		OMUU	1.0	2.0 +	7.6 +	1.96	0.26	7.52	1502.	58.	3.
607	0000	-628	37.0211	81.6092		OMUU	1.1	2.0	8.2 +	1.82	0.24	7.63	1543.	55.	3.
608	0000	-626	37.0211	81.6086		OMUU	1.2	1.9	7.9 +	1.67	0.24	6.86	1563.	58.	3.
609	0000	-626	37.0212	81.6079		OMUU	1.2 +	2.0 +	8.0 +	1.76	0.25	6.88	1577.	58.	4.
610	0000	-630	37.0212	81.6073		OMUU	1.1	2.2 +	7.9 +	1.96	0.28	6.98	1562.	59.	4.
611	0000	-630	37.0212	81.6067		OMUU	1.1	2.3 +	7.4	2.09	0.31	6.84	1534.	59.	4.
612	0000	-629	37.0212	81.6060		OMUU	1.1	2.0 +	7.1	1.85	0.28	6.67	1472.	57.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-631	37.0212	81.6055	OMUU	1.0	1.6	7.0	1.56	0.23	6.75	1439.	56.	5.
614	0000	-632	37.0212	81.6048	OMUU	1.0	1.4	6.5	1.38	0.22	6.31	1411.	60.	6.
615	0000	-632	37.0212	81.6042	OMUU	1.0	1.2	6.5	1.21 -	0.19 -	6.52	1381.	59.	6.
616	0000	-633	37.0212	81.6036	OMUU	1.0	1.1	6.3	1.10 -	0.17 -	6.50	1327.	58.	6.
617	0000	-632	37.0212	81.6030	OMUU	0.9	1.1	5.8	1.20 -	0.19	6.41	1256.	59.	6.
618	0000	-632	37.0212	81.6023	OMUU	0.8	0.9 -	5.2	1.07 -	0.17 -	6.23	1173.	62.	7.
619	0000	-633	37.0213	81.6018	OMUU	0.8	0.9 -	4.6	1.15 -	0.20	5.87	1108.	64.	8.
620	0000	-633	37.0213	81.6011	OMUU	0.7	0.9 -	4.4	1.21 -	0.21	5.90	1045.	68.	7.
621	0000	-634	37.0213	81.6005	OMUU	0.7	1.1	4.2	1.64	0.26	6.20	985.	67.	6.
622	0000	-634	37.0213	81.5999	OMUU	0.6	1.2	3.7 -	1.88	0.31	6.05	930.	66.	6.
623	0000	-632	37.0213	81.5992	OMUU	0.5	1.3	3.4 -	2.43	0.37	6.60	888.	66.	6.
624	0000	-634	37.0213	81.5987	OMUU	0.5	1.2	3.2 -	2.40	0.37	6.40	869.	66.	5.
625	0000	-634	37.0213	81.5980	OMUU	0.5	1.4	3.6 -	2.81	0.39 +	7.23	867.	64.	4.
626	0000	-634	37.0213	81.5974	OMUU	0.5	1.4	3.7 -	3.20	0.39 +	8.22	849.	63.	2.
627	0000	-636	37.0213	81.5968	OMUU	0.4	1.6	3.6 -	3.97 +	0.45 +	8.91	841.	62.	2.
628	0000	-638	37.0213	81.5961	OMUU	0.4	1.5	3.7 -	4.06 +	0.42 +	9.75	838.	61.	2.
629	0000	-637	37.0214	81.5955	OMUU	0.4	1.4	4.1	3.42	0.34	10.16	844.	61.	2.
630	0000	-637	37.0214	81.5949	OMUU	0.4	1.4	4.3	3.59	0.33	10.75	843.	62.	2.
631	0000	-637	37.0214	81.5943	STC-2	0.4	1.2	4.4	3.13	0.28	11.25	838.	62.	4.
632	0000	-636	37.0214	81.5936	STC-2	0.4	1.1	4.2 -	2.74	0.26	10.67	838.	60.	5.
633	0000	-637	37.0214	81.5931	STC-2	0.4	1.0	4.4 -	2.62	0.23	11.21	839.	60.	6.
634	0000	-636	37.0214	81.5924	STC-2	0.4	0.9 -	4.5	2.47	0.21	11.97	840.	62.	6.
635	0000	-635	37.0214	81.5918	STC-2	0.4	1.0	4.6	2.60	0.21	12.47	848.	64.	5.
636	0000	-637	37.0214	81.5912	STC-2	0.3	1.2	4.4	3.89	0.28	13.88	857.	66.	5.
637	0000	-637	37.0214	81.5906	STC-2	0.3	1.2	4.4	3.70	0.27	13.82	860.	68.	5.
638	0000	-637	37.0214	81.5899	OMUU	0.3 -	1.2	4.8	3.81	0.26	14.63 +	865.	69.	4.
639	0000	-640	37.0214	81.5894	OMUU	0.3 -	1.3	5.0	3.71	0.25	14.76 +	865.	71.	2.
640	0000	-638	37.0215	81.5887	OMUU	0.4	1.2	5.1	3.10	0.23	13.38 +	880.	72.	1.
641	0000	-637	37.0215	81.5880	OMUU	0.4	1.4	4.7	3.82	0.29	13.04 +	884.	72.	1.
642	0000	-638	37.0215	81.5875	OMUU	0.4	1.4	4.8	3.83	0.29	13.03 +	872.	72.	1.
643	0000	-638	37.0215	81.5869	OMUU	0.4	1.4	4.4	3.61	0.31	11.64	859.	72.	0.
644	0000	-639	37.0215	81.5862	OMUU	0.4	1.4	4.4	3.90 +	0.32	12.00	864.	68.	0.
645	0000	-641	37.0215	81.5856	OMUU	0.4	1.5	4.1	4.03 +	0.36	11.15	873.	67.	1.
646	0000	-639	37.0215	81.5850	OMUU	0.3 -	1.6	3.9	4.75 +	0.40 +	11.84	871.	66.	1.
647	0000	-639	37.0215	81.5844	OMUU	0.3 -	1.7	3.5 -	5.53 +	0.48 +	11.62	859.	65.	1.
648	0000	-640	37.0215	81.5837	OMUU	0.3 -	1.5	3.8	4.61 +	0.39 +	11.92	849.	65.	1.
649	0000	-640	37.0215	81.5831	OMUU	0.3 -	1.4	3.4 -	4.87 +	0.41 +	11.79	833.	64.	1.
650	0000	-641	37.0215	81.5825	OMUU	0.3 -	1.4	3.9	4.82 +	0.36	13.42 +	829.	63.	1.
651	0000	-640	37.0215	81.5819	OMUU	0.3 -	1.2	3.7 -	3.97 +	0.33	11.93	811.	68.	1.
652	0000	-639	37.0216	81.5812	OMUU	0.3 -	1.1	3.8	3.17	0.28	11.17	804.	69.	2.
653	0000	-639	37.0216	81.5807	OMUU	0.3	1.0 -	3.6 -	2.86	0.27	10.45	806.	69.	2.
654	0000	-637	37.0216	81.5800	OMUU	0.4	0.9 -	3.8	2.25	0.24	9.35	820.	70.	3.
655	0000	-637	37.0216	81.5794	OMUU	0.4	1.0 -	3.5 -	2.33	0.28	8.16	830.	71.	3.
656	0000	-639	37.0216	81.5788	OMUU	0.5	1.0	3.7 -	2.11	0.28	7.55	869.	70.	4.
657	0000	-640	37.0216	81.5782	OMUU	0.5	1.1	3.6 -	1.97	0.30	6.68	897.	72.	5.
658	0000	-639	37.0216	81.5775	OMUU	0.6	1.2	3.7 -	2.03	0.31	6.50	935.	71.	5.
659	0000	-639	37.0216	81.5770	OMUU	0.6	1.5	4.1	2.60	0.36	7.25	972.	71.	5.
660	0000	-639	37.0217	81.5763	OMUU	0.6	1.5	4.4	2.53	0.34	7.47	1008.	70.	5.
661	0000	-638	37.0217	81.5757	OMUU	0.6	1.6	4.6	2.75	0.35	7.84	1039.	72.	4.
662	0000	-639	37.0217	81.5751	OMUU	0.6	1.8	4.9	2.98	0.37	8.11	1072.	71.	4.
663	0000	-639	37.0217	81.5744	OMUU	0.7	1.9	4.9	2.94	0.39 +	7.53	1097.	71.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-638	37.0217	81.5738	OMUU	0.7	2.0 +	5.1	3.06	0.39 +	7.80	1123.	67.	2.
665	0000	-638	37.0217	81.5732	OMUU	0.6	2.1 +	5.2	3.27	0.40 +	8.19	1143.	63.	1.
666	0000	-639	37.0217	81.5726	OMUU	0.7	1.9	5.1	2.95	0.38 +	7.82	1143.	62.	2.
667	0000	-638	37.0217	81.5719	OMUU	0.7	2.0	5.1	2.99	0.38 +	7.81	1135.	62.	2.
668	0000	-637	37.0217	81.5713	OMUU	0.7	1.9	5.3	2.82	0.35	8.10	1129.	61.	2.
669	0000	-636	37.0217	81.5707	SU	0.7 +	1.6	5.4	2.45	0.30	8.11 -	1136.	60.	3.
670	0000	-636	37.0217	81.5701	SU	0.6 +	1.4	5.8 +	2.15	0.24	8.92	1131.	60.	4.
671	0000	-636	37.0217	81.5695	SU	0.6 +	1.2	5.7	1.87 -	0.21	8.79	1116.	61.	6.
672	0000	-636	37.0217	81.5689	SU	0.7 +	1.0	5.8 +	1.52 -	0.17 -	8.88	1095.	63.	8.
673	0000	-636	37.0217	81.5683	SU	0.6 +	0.9	6.0 +	1.43 -	0.15 -	9.25	1095.	59.	9.
674	0000	-637	37.0217	81.5676	SU	0.7 +	0.6 -	5.9 +	0.98 --	0.11 --	8.87	1109.	60.	11.
675	0000	-637	37.0217	81.5670	SU	0.7 +	0.6 -	5.6	0.93 --	0.11 --	8.55	1113.	57.	12.
676	0000	-636	37.0217	81.5664	SU	0.6 +	0.6 -	5.7	1.05 --	0.11 --	9.56	1081.	58.	12.
677	0000	-636	37.0217	81.5658	SU	0.6 +	0.6 -	5.4	1.02 --	0.11 --	9.31	1027.	58.	12.
678	0010	-636	37.0217	81.5651	SU	0.5	0.3 N.A.	4.9	0.63 N.A.	0.07 N.A.	8.99	944.	59.	12.
679	0000	-635	37.0217	81.5645	SU	0.5	0.4 --	4.3	0.76 --	0.09 --	8.54	878.	58.	11.
680	0000	-633	37.0218	81.5639	SU	0.4	0.4 --	3.6	0.93 --	0.11 --	8.29 -	786.	61.	10.
681	0000	-633	37.0218	81.5632	SU	0.4	0.4 --	3.2	1.02 --	0.12 --	8.22 -	701.	59.	9.
682	0000	-635	37.0218	81.5627	SU	0.3	0.3 --	2.9 -	1.17 --	0.12 --	9.61	618.	61.	8.
683	0000	-635	37.0218	81.5620	SU	0.3	0.4 --	2.4 -	1.32 -	0.16 -	8.36 -	565.	62.	8.
684	0000	-634	37.0218	81.5614	SU	0.2	0.4 --	2.2 -	1.73 -	0.18 -	9.89	547.	60.	8.
685	0000	-635	37.0218	81.5609	SU	0.2	0.6 -	2.7 -	2.38	0.21	11.43	583.	59.	6.
686	0000	-634	37.0218	81.5602	SU	0.3	0.7 -	2.8 -	2.62	0.24	11.02	614.	59.	6.
687	0000	-633	37.0219	81.5595	SU	0.3	0.6 -	3.0	1.99 -	0.21	9.66	661.	57.	7.
688	0000	-636	37.0219	81.5590	SU	0.3	0.5 -	3.2	1.63 -	0.17 -	9.88	685.	60.	7.
689	0000	-637	37.0219	81.5583	SU	0.3	0.6 -	3.1	1.64 -	0.19 -	8.82	699.	60.	8.
690	0000	-635	37.0219	81.5577	SU	0.4	0.5 --	3.2	1.41 -	0.16 -	8.80	707.	59.	7.
691	0000	-634	37.0219	81.5571	SU	0.4	0.7 -	3.0	1.90 -	0.22	8.50	712.	60.	7.
692	0000	-635	37.0219	81.5565	SU	0.3	0.7 -	2.8 -	2.05	0.24	8.56	717.	59.	8.
693	0000	-635	37.0219	81.5559	SU	0.3	0.8	2.8 -	2.75	0.29	9.51	707.	58.	7.
694	0000	-634	37.0219	81.5552	SU	0.3	1.0	2.8 -	4.00	0.37	10.95	707.	59.	7.
695	0000	-634	37.0219	81.5546	SU	0.3	1.4	2.5 -	5.78	0.58 +	10.01	726.	55.	6.
696	0000	-635	37.0219	81.5540	SU	0.3	1.7	2.8 -	6.29 +	0.61 +	10.38	760.	56.	4.
697	0000	-634	37.0219	81.5534	SU	0.3	2.0 +	3.0	6.46 +	0.66 ++	9.84	814.	56.	3.
698	0000	-634	37.0219	81.5527	SU	0.3	2.0 +	3.1	6.20 +	0.64 ++	9.65	836.	56.	3.
699	0000	-635	37.0219	81.5522	SU	0.4	2.1 +	3.2	5.82	0.67 ++	8.63	866.	57.	2.
700	0000	-635	37.0219	81.5515	SU	0.4	2.2 +	3.7	5.02	0.58 +	8.59	906.	58.	2.
701	0000	-634	37.0220	81.5508	SU	0.4	2.5 +	3.5	5.68	0.71 ++	7.96 -	934.	58.	1.
702	0000	-634	37.0220	81.5503	SU	0.5	2.5 +	3.8	5.18	0.64 ++	8.04 -	961.	60.	1.
703	0000	-632	37.0220	81.5497	DLMU-1	0.5	2.2 +	4.0	4.10	0.55 +	7.48	1003.	59.	2.
704	0000	-631	37.0220	81.5490	DLMU-1	0.5	1.9	3.9	3.42	0.48	7.19	1011.	58.	2.
705	0000	-632	37.0220	81.5484	DLMU-1	0.6	2.0	4.0	3.27	0.49	6.64	1038.	58.	3.
706	0000	-633	37.0220	81.5478	DLMU-1	0.6	1.9	3.8	3.24	0.50	6.46	1039.	59.	4.
707	0000	-633	37.0220	81.5471	DLMU-1	0.6	1.6	3.6	2.51	0.43	5.81 -	1056.	60.	6.
708	0000	-631	37.0220	81.5466	DLMU-1	0.7	1.1	3.9	1.58 -	0.28	5.60 -	1094.	58.	7.
709	0000	-632	37.0220	81.5459	DLMU-1	0.7	1.1	4.1	1.65 -	0.27	6.01 -	1115.	59.	8.
710	0000	-633	37.0220	81.5453	DLMU-1	0.6	1.3	4.2	1.96	0.30	6.56	1117.	60.	9.
711	0000	-634	37.0221	81.5447	DLMU-1	0.6	1.3	4.5	2.06	0.29	6.99	1130.	60.	9.
712	0000	-634	37.0221	81.5441	DLMU-1	0.6	1.3	4.8	1.99	0.26	7.52	1161.	59.	9.
713	0000	-634	37.0221	81.5434	DLMU-1	0.7	1.2	5.0	1.62 -	0.23 -	6.94	1199.	58.	10.
714	0000	-634	37.0221	81.5428	DLMU-1	0.7	1.7	5.0	2.26	0.33	6.76	1255.	58.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-633	37.0221	81.5422	DLMU-1	0.8	1.9	5.1	2.48	0.38	6.58	1295.	60.	8.
716	0000	-633	37.0221	81.5416	DLMU-1	0.8 +	2.0 +	5.4	2.41	0.37	6.49	1353.	57.	7.
717	0000	-633	37.0221	81.5409	DLMU-1	0.9 +	2.2 +	5.3	2.43	0.41	5.93 -	1409.	58.	6.
718	0000	-634	37.0221	81.5404	DLMU-1	0.9 +	2.5 +	5.0	2.67	0.51	5.26 -	1459.	58.	5.
719	0000	-635	37.0221	81.5397	DLMU-1	1.0 +	2.5 +	5.2	2.54	0.47	5.35 -	1475.	57.	5.
720	0000	-636	37.0221	81.5391	DLMU-1	0.9 +	2.6 +	5.6 +	2.85	0.47	6.09	1465.	57.	4.
721	0000	-635	37.0221	81.5384	DLMU-1	0.9 +	2.4 +	5.6 +	2.67	0.43	6.28	1422.	57.	3.
722	0000	-635	37.0222	81.5379	DLMU-1	0.8 +	2.3 +	5.5	2.74	0.42	6.59	1384.	55.	3.
723	0000	-636	37.0222	81.5372	DLMU-1	0.8	2.3 +	5.3	2.87	0.43	6.72	1337.	56.	3.
724	0000	-636	37.0222	81.5366	DLMU-1	0.7	2.2 +	5.4	3.05	0.41	7.44	1297.	54.	2.
725	0000	-635	37.0222	81.5360	DLMU-1	0.7	2.2 +	5.6 +	3.14	0.38	8.16	1269.	51.	3.
726	0000	-637	37.0222	81.5354	DLMU-1	0.7	2.2 +	5.5 +	3.09	0.40	7.78	1275.	53.	3.
727	0000	-637	37.0222	81.5347	DLMU-1	0.7	2.2 +	5.5 +	2.97	0.40	7.42	1345.	51.	4.
728	0000	-637	37.0222	81.5342	DLMU-1	0.8 +	2.2 +	5.8 +	2.64	0.38	7.03	1397.	51.	4.
729	0000	-639	37.0222	81.5335	DLMU-1	0.9 +	2.2 +	6.2 +	2.39	0.34	6.92	1423.	53.	5.
730	0000	-639	37.0222	81.5329	DLMU-1	0.9 +	2.0 +	6.2 +	2.13	0.33	6.55	1443.	54.	7.
731	0000	-638	37.0222	81.5323	DLMU-1	1.0 +	1.9	6.4 +	1.94	0.30	6.41	1460.	55.	9.
732	0000	-639	37.0222	81.5317	DLMU-1	1.0 +	1.6	6.7 +	1.50 -	0.24 -	6.39	1497.	56.	11.
733	0000	-640	37.0222	81.5310	DLMU-1	1.1 +	1.5	6.7 +	1.42 -	0.23 -	6.28	1512.	56.	12.
734	0000	-640	37.0223	81.5305	DLMU-1	1.0 +	1.7	6.6 +	1.67 -	0.26	6.41	1501.	55.	11.
735	0000	-642	37.0223	81.5298	DLMU-1	1.0 +	1.9	6.8 +	1.94	0.28	6.98	1516.	55.	11.
736	0000	-643	37.0223	81.5292	DLMU-1	1.0 +	2.1 +	6.8 +	2.20	0.31	7.01	1546.	53.	10.
737	0000	-643	37.0223	81.5285	DLMU-2	0.9 -	2.3	7.1 -	2.44 +	0.33	7.44	1576.	52.	8.
738	0000	-642	37.0223	81.5279	DLMU-1	1.0 +	2.4 +	6.9 +	2.50	0.35	7.21	1589.	53.	6.
739	0000	-642	37.0223	81.5273	DB-2	0.9	2.7 +	6.3 -	2.96 +	0.43 +	6.81	1565.	54.	5.
740	0000	-643	37.0223	81.5267	DB-2	0.8	3.0 +	6.3 -	3.58 +	0.48 ++	7.47	1541.	52.	3.
741	0000	-642	37.0223	81.5261	DB-2	0.9	3.0 +	6.1 -	3.46 +	0.49 ++	7.10	1496.	53.	2.
742	0000	-644	37.0223	81.5255	DB-2	0.8	3.1 +	5.7 -	3.79 +	0.54 ++	7.05	1452.	54.	1.
743	0000	-645	37.0223	81.5248	DB-2	0.8 -	3.1 +	5.6 -	3.97 ++	0.55 ++	7.18	1445.	53.	0.
744	0000	-642	37.0224	81.5242	DB-2	0.8 -	3.3 ++	5.4 -	4.21 ++	0.61 +++	6.84	1460.	53.	0.
745	0000	-642	37.0224	81.5236	DB-2	0.8	3.5 ++	5.5 -	4.41 ++	0.64 +++	6.93	1518.	52.	1.
746	0000	-644	37.0224	81.5230	DB-2	0.9	3.6 ++	5.9 -	3.93 +	0.61 +++	6.41	1614.	51.	0.
747	0000	-642	37.0224	81.5223	DB-2	1.0	3.9 +++	6.0 -	3.90 +	0.64 +++	6.08	1711.	53.	0.
748	0000	-641	37.0224	81.5218	DB-2	1.0	4.0 +++	6.2 -	3.99 ++	0.64 +++	6.21	1766.	53.	0.
749	0000	-642	37.0224	81.5211	DB-2	1.1	3.8 +++	6.4 -	3.50 +	0.59 +++	5.91	1788.	51.	1.
750	0000	-642	37.0224	81.5205	DB-2	1.1	3.6 ++	6.3 -	3.34 +	0.58 +++	5.79	1778.	52.	1.
751	0000	-643	37.0224	81.5199	DB-2	1.1	3.3 ++	5.9 -	3.12 +	0.56 ++	5.53	1718.	50.	1.
752	0000	-642	37.0224	81.5192	DB-2	1.0	3.2 +	5.8 -	3.25 +	0.55 ++	5.95	1618.	52.	1.
753	0000	-642	37.0224	81.5186	DB-2	0.8	2.9 +	5.7 -	3.63 +	0.51 ++	7.09	1499.	51.	2.
754	0000	-643	37.0224	81.5181	DB-2	0.8 -	2.5	5.6 -	3.33 +	0.45 ++	7.39	1428.	50.	3.
755	0000	-644	37.0224	81.5174	DB-2	0.8 -	2.3	5.8 -	3.06 +	0.39 +	7.75	1436.	52.	4.
756	0000	-644	37.0224	81.5167	DB-2	0.7 -	2.4	5.8 -	3.37 +	0.41 +	8.14	1470.	53.	5.
757	0000	-644	37.0224	81.5162	DB-2	0.7 -	2.4	5.9 -	3.36 +	0.41 +	8.14	1476.	51.	6.
758	0000	-644	37.0224	81.5155	DB-2	0.7 -	2.5	6.0 -	3.89 +	0.42 +	9.23	1475.	53.	7.
759	0000	-647	37.0224	81.5149	DB-2	0.7 -	2.4	6.2 -	3.39 +	0.38 +	8.90	1477.	53.	9.
760	0000	-646	37.0224	81.5143	DB-2	0.7 -	2.5	6.2 -	3.53 +	0.40 +	8.90	1502.	53.	9.
761	0000	-644	37.0224	81.5137	DB-2	0.7 -	2.4	6.2 -	3.24 +	0.38 +	8.45	1503.	54.	9.
762	0000	-646	37.0224	81.5131	DB-2	0.8 -	2.3	6.3 -	3.00 +	0.36 +	8.22	1483.	53.	10.
763	0000	-647	37.0225	81.5125	DB-2	0.8	2.2	6.4 -	2.74 +	0.35 +	7.86	1478.	53.	10.
764	0000	-646	37.0225	81.5119	DB-2	0.9	2.1	6.8	2.29	0.31	7.41	1533.	55.	10.
765	0000	-648	37.0225	81.5114	DB-2	1.1	2.0	7.0	1.80	0.29	6.21	1656.	52.	11.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-650	37.0225	81.5109	DB-2	1.2	2.0	7.2	1.68	0.29	5.88	1757.	52.	10.
767	0000	-649	37.0225	81.5103	DB-2	1.4	1.9	7.5	1.40	0.26	5.48	1832.	51.	10.
768	0000	-649	37.0225	81.5098	DB-2	1.5	2.1	7.8	1.37	0.27	5.18 -	1935.	51.	9.
769	0000	-651	37.0225	81.5092	DB-2	1.7 +	2.0	8.3	1.22 -	0.24	5.00 -	2039.	50.	8.
770	0000	-652	37.0225	81.5087	DB-2	1.8 +	1.9	8.7	1.08 -	0.22	4.88 -	2108.	54.	7.
771	0000	-653	37.0225	81.5082	DB-2	1.8 +	2.0	9.0	1.09 -	0.22	4.88 -	2126.	54.	6.
772	0000	-654	37.0225	81.5076	DB-2	1.8 +	1.9	9.5	1.04 -	0.20	5.24 -	2105.	54.	4.
773	0000	-655	37.0225	81.5070	DB-2	1.8 +	1.9	9.3	1.06 -	0.20	5.20 -	2092.	54.	4.
774	0000	-656	37.0225	81.5065	DB-2	1.8 +	1.9	9.7 +	1.04 -	0.20 -	5.30 -	2104.	55.	4.
775	0000	-657	37.0225	81.5059	DB-2	1.8 +	1.8	9.8 +	1.03 -	0.19 -	5.44 -	2089.	55.	4.
776	0000	-657	37.0225	81.5054	DB-2	1.7 +	2.0	9.3	1.15 -	0.21	5.39 -	2069.	57.	5.
777	0000	-657	37.0225	81.5048	DB-2	1.7 +	1.9	9.7	1.14 -	0.20	5.69	2076.	55.	6.
778	0000	-657	37.0225	81.5043	DB-2	1.6 +	1.8	9.5	1.11 -	0.19 -	5.79	2057.	54.	7.
779	0000	-657	37.0225	81.5037	DB-2	1.6 +	1.7	9.4	1.03 -	0.18 -	5.81	2058.	59.	9.
780	0000	-660	37.0226	81.5032	DB-2	1.6 +	1.7	9.8 +	1.03 -	0.17 -	5.97	2077.	57.	10.
781	0000	-662	37.0226	81.5027	DB-2	1.6	1.8	9.8 +	1.15 -	0.18 -	6.32	2057.	57.	10.
782	0000	-661	37.0226	81.5020	DB-2	1.5	1.9	9.3	1.25 -	0.20	6.20	2015.	56.	10.
783	0000	-661	37.0226	81.5015	DB-2	1.4	2.0	8.9	1.46	0.23	6.45	1950.	55.	8.
784	0000	-661	37.0226	81.5010	DB-2	1.3	2.1	8.2	1.59	0.25	6.26	1887.	56.	7.
785	0000	-662	37.0226	81.5004	DB-2	1.3	2.1	8.3	1.61	0.25	6.30	1883.	55.	6.
786	0000	-663	37.0226	81.4999	DB-2	1.3	2.3	8.1	1.79	0.29	6.23	1877.	50.	4.
787	0000	-664	37.0226	81.4993	DB-2	1.3	2.4	8.0	1.82	0.30	6.09	1853.	52.	3.
788	0000	-665	37.0226	81.4988	DB-2	1.3	2.4	7.5	1.80	0.32	5.62	1823.	55.	3.
789	0000	-666	37.0226	81.4983	DB-2	1.3	2.2	7.7	1.73	0.29	5.98	1793.	56.	2.
790	0000	-667	37.0226	81.4977	DB-2	1.3	2.1	7.9	1.69	0.27	6.19	1788.	53.	2.
791	0000	-667	37.0226	81.4971	DB-2	1.2	2.3	7.6	1.86	0.30	6.18	1774.	54.	1.
792	0000	-668	37.0226	81.4966	DB-2	1.1	2.6	7.1	2.26	0.36 +	6.27	1757.	55.	1.
793	0000	-670	37.0226	81.4960	DB-2	1.1	2.7	6.8	2.35	0.39 +	6.05	1727.	57.	1.
794	0000	-672	37.0226	81.4955	DB-2	1.1	2.7 +	7.0	2.48	0.38 +	6.45	1697.	60.	2.
795	0000	-673	37.0226	81.4949	DB-2	1.0	2.6	6.8	2.51	0.38 +	6.66	1662.	60.	3.
796	0000	-673	37.0226	81.4944	DB-2	1.0	2.4	7.0	2.37	0.34 +	6.89	1656.	60.	4.
797	0000	-673	37.0226	81.4938	DB-2	1.0	2.5	7.0	2.47	0.36 +	6.81	1651.	61.	4.
798	0000	-674	37.0226	81.4933	DB-2	1.0	2.4	7.3	2.31	.33	7.08	1665.	60.	5.
799	0000	-675	37.0226	81.4928	DB-2	1.1	2.1	7.7	1.93	27	7.11	1676.	59.	7.
800	0000	-675	37.0226	81.4922	DB-2	1.1	2.0	8.0	1.81	25	7.39	1713.	61.	8.
801	0000	-675	37.0226	81.4917	DB-2	1.1	1.9	7.6	1.67	0.25	6.72	1764.	58.	9.
802	0000	-675	37.0226	81.4911	DB-2	1.2	1.9	7.8	1.55	0.24	6.50	1827.	57.	10.
803	0000	-675	37.0227	81.4905	DB-2	1.2	1.8	7.7	1.54	0.24	6.51	1849.	57.	10.
804	0000	-677	37.0227	81.4900	DB-2	1.2	1.6 -	8.3	1.31	0.19 -	6.80	1850.	57.	9.
805	0000	-678	37.0227	81.4894	DB-2	1.2	1.5 -	8.6	1.19 -	0.17 -	7.02	1824.	58.	9.
806	0000	-678	37.0227	81.4889	DB-2	1.2	1.6	8.2	1.40	0.20	6.98	1778.	59.	7.
807	0000	-678	37.0227	81.4884	DB-2	1.2	1.6 -	8.1	1.38	0.20 -	6.99	1714.	59.	6.
808	0000	-678	37.0227	81.4878	DB-2	1.1	1.7	8.0	1.52	0.21	7.11	1649.	62.	4.
809	0000	-678	37.0227	81.4872	DB-2	1.1	1.7	8.2	1.60	0.21	7.60	1608.	61.	3.
810	0000	-681	37.0227	81.4867	DB-2	1.1	1.9	7.9	1.73	0.24	7.32	1586.	63.	2.
811	0000	-683	37.0227	81.4861	DB-2	1.1	1.8	7.2	1.64	0.25	6.57	1565.	65.	3.
812	0000	-682	37.0227	81.4856	DB-2	1.1	2.2	6.9	2.01	0.31	6.40	1563.	64.	4.
813	0000	-682	37.0227	81.4850	DB-2	1.1	2.1	7.1	1.96	0.30	6.55	1577.	65.	5.
814	0000	-684	37.0227	81.4845	DB-2	1.1	2.2	7.0	2.00	0.32	6.24	1585.	65.	6.
815	0000	-687	37.0227	81.4839	DB-2	1.1	2.2	7.0	1.94	0.31	6.25	1610.	62.	7.
816	0000	-688	37.0227	81.4834	DB-2	1.2	2.3	7.0	1.92	0.32	5.94	1618.	63.	6.

CP 9 LP 12

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-687	37.0227	81.4829	DB-2	1.2	2.3	7.0	1.90	0.33	5.81	1627.	62.	6.
818	0000	-687	37.0227	81.4823	DB-2	1.2	2.5	7.1	2.17	0.35 +	6.14	1621.	61.	5.
819	0000	-685	37.0227	81.4818	DB-2	1.2	2.4	6.8	2.03	0.35 +	5.77	1599.	61.	4.
820	0000	-685	37.0227	81.4812	DB-2	1.2	2.2	6.5 -	1.92	0.34 +	5.63	1572.	59.	3.
821	0000	-687	37.0227	81.4806	DB-2	1.1	2.1	6.6 -	1.89	0.32	5.98	1556.	59.	2.
822	0000	-688	37.0227	81.4801	DB-2	1.1	2.5	6.4 -	2.32	0.39 +	5.96	1556.	59.	1.
823	0000	-688	37.0227	81.4795	DB-2	1.1	2.7 +	6.3 -	2.49	0.42 +	5.89	1576.	56.	0.
824	0000	-689	37.0227	81.4790	DB-2	1.1	2.7 +	6.3 -	2.50	0.42 +	5.90	1552.	55.	0.
825	0000	-689	37.0227	81.4785	DB-2	1.1	2.7 +	6.0 -	2.49	0.46 ++	5.45 -	1547.	53.	0.
826	0000	-689	37.0227	81.4779	DB-2	1.1	2.7 +	6.5 -	2.55	0.41 +	6.17	1545.	53.	0.
827	0000	-690	37.0227	81.4774	DB-2	1.1	2.6	6.4 -	2.47	0.41 +	5.96	1532.	56.	1.
828	0000	-691	37.0227	81.4769	DB-2	1.0	2.7 +	6.3 -	2.62	0.43 +	6.10	1520.	55.	1.
829	0000	-690	37.0227	81.4762	DB-2	1.0	2.4	6.5 -	2.39	0.37 +	6.41	1503.	58.	1.
830	0000	-691	37.0227	81.4758	DB-2	1.0	2.2	6.9	2.23	0.31	7.08	1476.	60.	1.
831	0000	-693	37.0227	81.4752	DB-2	1.0	2.1	7.0	2.22	0.31	7.23	1482.	62.	2.
832	0000	-693	37.0227	81.4746	DB-2	0.9	2.0	7.3	2.19	0.28	7.94	1492.	63.	2.
833	0000	-695	37.0227	81.4741	DB-2	0.9	2.1	7.1	2.23	0.29	7.67	1505.	62.	1.
834	0000	-697	37.0227	81.4735	DB-2	0.9	2.2	7.4	2.50	0.29	8.48	1494.	62.	1.
835	0000	-697	37.0227	81.4730	DB-2	0.9	2.0	7.2	2.40	0.29	8.41	1464.	63.	1.
836	0000	-698	37.0227	81.4725	DB-2	0.9	1.7	7.6	1.98	0.22	8.89	1425.	59.	1.
837	0000	-698	37.0227	81.4719	DB-2	0.8 -	1.8	7.4	2.28	0.25	9.17	1370.	60.	1.
838	0000	-698	37.0227	81.4713	DB-2	0.7 -	1.7	7.0	2.32	0.25	9.45	1313.	60.	0.
839	0000	-700	37.0227	81.4708	DB-2	0.8 -	1.5 -	6.6 -	2.05	0.23	8.76	1266.	59.	0.
840	0000	-699	37.0227	81.4702	DB-2	0.7 -	1.5 -	6.3 -	2.03	0.23	8.69	1218.	60.	0.
841	0000	-697	37.0227	81.4696	DB-2	0.7 -	1.4 -	6.1 -	1.84	0.23	8.14	1213.	58.	0.
842	0000	-700	37.0227	81.4692	DB-2	0.8 -	1.3 -	6.2 -	1.64	0.20	8.12	1207.	59.	0.
843	0000	-703	37.0227	81.4686	DB-2	0.8 -	1.4 -	5.7 -	1.76	0.24	7.43	1209.	62.	0.
844	0000	-701	37.0228	81.4680	DB-2	0.8	1.3 -	5.6 -	1.57	0.23	6.77	1224.	62.	0.
845	0000	-703	37.0228	81.4675	DB-2	0.8	1.3 -	5.6 -	1.57	0.23	6.71	1251.	63.	1.
846	0000	-705	37.0228	81.4670	DB-2	0.9	1.4 -	6.1 -	1.57	0.23	6.93	1287.	65.	1.
847	0000	-704	37.0228	81.4664	DLMU-1	0.9 +	1.4	6.4 +	1.54 -	0.22 -	7.11	1323.	66.	2.
848	0000	-705	37.0228	81.4659	DLMU-1	0.9 +	1.6	6.3 +	1.87	0.26	7.13	1362.	67.	3.
849	0000	-706	37.0228	81.4653	DLMU-1	0.9 +	1.8	6.6 +	2.02	0.27	7.37	1415.	68.	4.
850	0000	-705	37.0228	81.4647	DLMU-1	0.9 +	1.9	6.9 ++	2.01	0.27	7.53	1446.	67.	4.
851	0000	-704	37.0228	81.4642	DLMU-1	0.9 +	2.0	6.9 ++	2.09	0.28	7.42	1489.	65.	5.
852	0000	-703	37.0228	81.4636	DLMU-2	0.9 -	2.2	7.2 -	2.40 +	0.31	7.70	1538.	65.	5.
853	0000	-704	37.0228	81.4631	DLMU-2	0.9 -	2.2	7.4 -	2.37 +	0.30	7.99	1552.	63.	4.
854	0000	-705	37.0228	81.4626	DLMU-2	1.0 -	2.1	7.9	2.16	0.26	8.19 +	1578.	61.	3.
855	0000	-704	37.0228	81.4620	DLMU-2	1.0 -	1.8	8.4	1.81	0.22	8.42 +	1584.	63.	2.
856	0000	-704	37.0228	81.4614	DLMU-2	1.0 -	2.0	8.2	2.01	0.24	8.25 +	1582.	59.	2.
857	0000	-704	37.0228	81.4609	DLMU-2	1.0 -	2.0	8.0	1.97	0.25	7.76	1597.	58.	2.
858	0000	-703	37.0228	81.4604	DLMU-2	1.1	1.9	8.0	1.78	0.24	7.54	1592.	58.	1.
859	0000	-703	37.0228	81.4598	DLMU-2	1.1	1.7 -	8.2	1.48	0.20	7.23	1595.	57.	1.
860	0000	-705	37.0228	81.4593	DLMU-2	1.2	1.6 -	8.5	1.33	0.19 -	6.90	1638.	57.	1.
861	0000	-706	37.0228	81.4587	DLMU-2	1.3	1.7 -	8.2	1.29	0.20	6.29	1687.	60.	2.
862	0000	-706	37.0228	81.4581	DLMU-2	1.4	1.8	8.6	1.31	0.21	6.27	1754.	57.	3.
863	0000	-706	37.0228	81.4576	DLMU-2	1.4	1.7 -	9.0	1.15 -	0.18 -	6.24	1813.	59.	3.
864	0000	-705	37.0228	81.4571	DLMU-2	1.5	1.7 -	9.0	1.17 -	0.19 -	6.12	1852.	59.	4.
865	0000	-706	37.0228	81.4565	DLMU-2	1.5	1.8	9.3 +	1.23	0.19 -	6.39	1863.	60.	4.
866	0000	-708	37.0228	81.4560	DLMU-2	1.4	1.9	8.9	1.39	0.22	6.36	1859.	60.	5.
867	0000	-708	37.0228	81.4554	DLMU-2	1.3	2.1	8.2	1.55	0.25	6.18	1838.	59.	5.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-708	37.0229	81.4548	DLMU-2	1.3	2.2	7.8	1.72	0.28	6.15	1788.	60.	4.
869	0000	-709	37.0229	81.4543	BLMU-2	1.2	2.1	7.4 -	1.78	0.29	6.14	1733.	58.	4.
870	0000	-709	37.0229	81.4537	DLMU-1	1.1 +	2.3 +	6.7 +	1.96	0.33	5.86 -	1684.	58.	4.
871	0000	-708	37.0229	81.4532	DLMU-1	1.1 +	2.2 +	6.8 +	2.09	0.33	6.32	1648.	58.	4.
872	0000	-710	37.0229	81.4527	DLMU-1	1.1 +	2.4 +	6.6 +	2.26	0.36	6.32	1629.	55.	4.
873	0000	-711	37.0229	81.4521	DLMU-1	1.1 +	2.3 +	6.6 +	2.18	0.35	6.23	1607.	55.	4.
874	0000	-710	37.0229	81.4516	DLMU-1	1.1 +	2.3 +	6.9 ++	2.12	0.33	6.50	1594.	56.	3.
875	0000	-712	37.0229	81.4510	DLMU-2	1.1	2.2	7.1 -	1.95	0.30	6.40	1619.	53.	3.
876	0000	-711	37.0229	81.4505	DLMU-1	1.2 +	2.3 +	6.9 ++	2.01	0.34	5.99 -	1634.	55.	3.
877	0000	-710	37.0229	81.4499	DLMU-2	1.3	2.3	7.2 -	1.80	0.31	5.79	1664.	54.	4.
878	0000	-713	37.0229	81.4494	DLMU-2	1.3	2.3	7.7	1.79	0.30	5.92	1707.	53.	4.
879	0000	-713	37.0229	81.4488	DLMU-2	1.4	2.1	7.8	1.44	0.26	5.47	1792.	57.	5.
880	0000	-713	37.0229	81.4482	DLMU-2	1.5	2.0	8.6	1.34	0.24	5.60	1887.	56.	5.
881	0000	-716	37.0229	81.4477	DLMU-2	1.6	2.1	8.6	1.37	0.25	5.54	1932.	56.	5.
882	0000	-717	37.0229	81.4472	DLMU-2	1.5	2.0	8.8	1.33	0.23	5.79	1924.	58.	5.
883	0000	-716	37.0229	81.4466	DLMU-2	1.5	1.8	8.9	1.21	0.21	5.86	1915.	58.	5.
884	0000	-718	37.0229	81.4461	DLMU-2	1.4	1.9	8.9	1.34	0.21	6.41	1888.	58.	4.
885	0000	-719	37.0229	81.4455	DLMU-2	1.4	1.7	8.8	1.27	0.20 -	6.39	1843.	59.	3.
886	0000	-718	37.0229	81.4449	DLMU-2	1.2	1.8	8.7	1.42	0.20 -	7.02	1769.	57.	2.
887	0000	-719	37.0229	81.4445	DLMU-2	1.2	1.6 -	8.3	1.36	0.19 -	7.06	1698.	59.	1.
888	0000	-721	37.0229	81.4438	DLMU-2	1.2	1.8	8.0	1.53	0.22	6.91	1672.	59.	1.
889	0000	-722	37.0229	81.4433	DLMU-2	1.3	2.0	8.5	1.58	0.24	6.69	1724.	57.	0.
890	0000	-723	37.0229	81.4428	DLMU-2	1.4	2.1	8.8	1.55	0.24	6.55	1788.	56.	1.
891	0000	-725	37.0229	81.4422	DLMU-2	1.5	2.1	9.1	1.46	0.24	6.19	1822.	58.	1.
892	0000	-726	37.0229	81.4417	DLMU-2	1.5	2.2	9.1	1.44	0.24	5.97	1853.	57.	2.
893	0000	-725	37.0230	81.4411	DLMU-2	1.6	2.3	9.0	1.45	0.25	5.74	1872.	58.	2.
894	0000	-727	37.0230	81.4406	DLMU-2	1.6	2.3	8.9	1.44	0.26	5.65	1894.	58.	3.
895	0000	-729	37.0230	81.4400	DLMU-2	1.7	1.7	9.6 +	1.05 -	0.18 -	5.82	1897.	59.	4.
896	0000	-728	37.0230	81.4395	DLMU-2	1.6	1.6 -	9.2 +	1.00 -	0.17 -	5.92	1882.	60.	4.
897	0000	-729	37.0230	81.4389	DLMU-2	1.5	1.7 -	8.9	1.14 -	0.19 -	6.07	1858.	60.	4.
898	0000	-730	37.0230	81.4384	DLMU-2	1.4	1.5 -	8.8	1.04 -	0.17 -	6.22	1848.	58.	3.
899	0000	-730	37.0230	81.4379	DLMU-2	1.4	1.5 -	8.7	1.07 -	0.17 -	6.30	1830.	58.	3.
900	0000	-732	37.0230	81.4373	DLMU-2	1.3	1.6 -	8.8	1.18 -	0.18 -	6.59	1818.	61.	2.
901	0000	-734	37.0230	81.4367	DLMU-2	1.3	2.0	8.6	1.53	0.23	6.65	1805.	61.	2.
902	0000	-733	37.0230	81.4362	DLMU-2	1.2	2.4	8.1	1.93	0.29	6.62	1806.	59.	1.
903	0000	-734	37.0230	81.4356	DLMU-2	1.2	2.5	7.8	2.15	0.33	6.58	1760.	61.	0.
904	0000	-737	37.0230	81.4351	DLMU-2	1.1	2.4	7.8	2.11	0.31	6.88	1702.	60.	0.
905	0000	-736	37.0230	81.4346	DLMU-2	1.1	2.3	7.8	2.09	0.30	6.97	1667.	62.	0.
906	0000	-735	37.0230	81.4340	DLMU-2	1.1	2.3	7.7	2.02	0.30	6.83	1667.	62.	1.
907	0000	-737	37.0230	81.4335	DLMU-2	1.2	2.3	7.9	1.99	0.30	6.73	1703.	61.	1.
908	0000	-738	37.0230	81.4329	DLMU-2	1.2	2.0	7.9	1.69	0.26	6.51	1731.	60.	1.
909	0000	-738	37.0230	81.4323	DLMU-2	1.3	2.2	8.5	1.76	0.26	6.78	1781.	60.	1.
910	0000	-740	37.0230	81.4318	DLMU-2	1.3	2.0	9.1	1.54	0.22	6.95	1831.	60.	1.
911	0000	-742	37.0230	81.4312	DLMU-2	1.3	2.1	8.9	1.60	0.24	6.72	1854.	59.	1.
912	0000	-742	37.0230	81.4307	DLMU-2	1.3	2.4	8.6	1.81	0.27	6.59	1857.	59.	1.
913	0000	-743	37.0230	81.4302	DLMU-2	1.3	2.4	8.3	1.87	0.29	6.42	1834.	60.	1.
914	0000	-746	37.0230	81.4296	DLMU-2	1.3	2.2	8.2	1.68	0.27	6.24	1810.	57.	1.
915	0000	-746	37.0230	81.4290	DLMU-2	1.3	2.3	8.6	1.79	0.27	6.56	1813.	57.	0.
916	0000	-745	37.0230	81.4285	DLMU-2	1.3	2.3	8.0	1.80	0.29	6.17	1791.	57.	1.
917	0000	-748	37.0230	81.4280	DLMU-2	1.3	2.5	7.6	1.92	0.33	5.89	1786.	58.	0.
918	0000	-749	37.0230	81.4274	DLMU-2	1.3	2.5	7.6	1.87	0.33	5.71	1798.	58.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-748	37.0230	81.4268	DLMU-2	1.4	2.3	7.8	1.66	0.30	5.62	1839.	59.	1.
920	0000	-750	37.0230	81.4263	DLMU-2	1.5	2.3	8.2	1.55	0.28	5.62	1870.	56.	3.
921	0000	-753	37.0230	81.4257	DLMU-2	1.5	2.2	8.3	1.50	0.26	5.67	1886.	58.	3.
922	0000	-752	37.0230	81.4252	DLMU-2	1.5	2.3	7.9	1.54	0.29	5.39	1880.	59.	4.
923	0000	-752	37.0230	81.4247	DLMU-2	1.5	2.3	8.1	1.57	0.28	5.51	1873.	59.	4.
924	0000	-755	37.0230	81.4241	DLMU-2	1.5	2.2	8.0	1.46	0.27	5.39	1856.	58.	4.
925	0000	-755	37.0230	81.4236	DLMU-2	1.5	2.1	8.3	1.44	0.25	5.72	1859.	59.	4.
926	0000	-755	37.0231	81.4230	DLMU-2	1.4	2.3	8.3	1.62	0.28	5.89	1849.	57.	3.
927	0000	-756	37.0231	81.4224	DLMU-2	1.4	2.3	8.4	1.72	0.28	6.14	1857.	57.	2.
928	0000	-757	37.0231	81.4219	DLMU-2	1.3	2.5	7.9	1.92	0.32	5.99	1845.	58.	2.
929	0000	-758	37.0231	81.4213	DLMU-2	1.3	2.4	8.3	1.89	0.29	6.55	1812.	58.	2.
930	0000	-760	37.0231	81.4208	DLMU-2	1.3	2.3	8.2	1.84	0.28	6.50	1812.	56.	2.
931	0000	-758	37.0231	81.4203	DLMU-2	1.2	2.4	8.3	1.92	0.28	6.75	1804.	57.	1.
932	0000	-759	37.0231	81.4197	DLMU-2	1.3	2.3	8.1	1.86	0.29	6.45	1791.	55.	1.
933	0000	-761	37.0231	81.4192	DLMU-2	1.2	2.4	7.9	1.93	0.30	6.43	1788.	55.	1.
934	0000	-762	37.0231	81.4187	DLMU-2	1.2	2.3	8.0	1.92	0.29	6.60	1786.	55.	1.
935	0000	-763	37.0231	81.4180	DLMU-2	1.2	2.2	8.2	1.78	0.27	6.66	1781.	53.	1.
936	0000	-764	37.0231	81.4175	DB-2	1.3	2.3	8.2	1.77	0.28	6.40	1807.	53.	1.
937	0000	-765	37.0231	81.4170	DB-2	1.3	2.3	8.3	1.86	0.28	6.65	1795.	53.	1.
938	0000	-766	37.0231	81.4164	DB-2	1.2	2.4	8.0	1.97	0.30	6.51	1781.	53.	1.
939	0000	-766	37.0231	81.4158	DB-2	1.2	2.3	7.8	1.84	0.29	6.26	1773.	54.	2.
940	0000	-766	37.0231	81.4153	DB-2	1.3	2.2	7.6	1.73	0.29	6.02	1769.	55.	2.
941	0000	-768	37.0231	81.4148	DB-2	1.3	2.3	7.5	1.82	0.31	5.95	1753.	54.	2.
942	0000	-769	37.0231	81.4142	DB-2	1.2	2.4	7.3	1.94	0.32	6.01	1737.	54.	2.
943	0000	-770	37.0231	81.4137	DB-2	1.2	2.2	7.0	1.90	0.32	5.89	1694.	52.	2.
944	0000	-770	37.0231	81.4131	DB-2	1.2	2.0	6.6 -	1.65	0.30	5.44 -	1655.	53.	2.
945	0000	-772	37.0231	81.4126	DB-2	1.2	2.0	6.9	1.64	0.29	5.62	1659.	53.	1.
946	0000	-775	37.0231	81.4120	DB-2	1.2	2.3	7.1	1.91	0.32	6.01	1651.	56.	1.
947	0000	-775	37.0231	81.4114	DB-2	1.1	2.3	6.9	2.03	0.33	6.05	1603.	57.	1.
948	0000	-773	37.0231	81.4109	DB-2	1.1	2.4	6.6 -	2.13	0.36 +	5.98	1577.	58.	0.
949	0000	-776	37.0231	81.4104	DB-2	1.1	2.2	6.5 -	2.09	0.34 +	6.09	1540.	59.	0.
950	0000	-778	37.0231	81.4098	DB-2	1.1	2.1	6.1 -	1.98	0.35 +	5.74	1513.	62.	1.
951	0000	-778	37.0231	81.4093	DB-2	1.0	2.1	6.0 -	2.01	0.34 +	5.83	1478.	64.	1.
952	0000	-780	37.0231	81.4088	DB-2	1.0	1.7	5.9 -	1.76	0.30	5.91	1405.	63.	2.
953	0000	-781	37.0231	81.4082	DB-2	1.0	1.5 -	5.3 -	1.58	0.29	5.45 -	1343.	62.	2.
954	0000	-780	37.0231	81.4076	DB-2	1.0	1.2 -	5.7 -	1.19 -	0.21	5.76	1327.	61.	3.
955	0000	-781	37.0231	81.4071	DB-2	1.0	1.2 -	5.7 -	1.19 -	0.21	5.71	1299.	62.	4.
956	0000	-781	37.0231	81.4065	DB-2	1.0	1.1 -	5.7 -	1.10 -	0.20 -	5.62	1306.	62.	4.
957	0000	-783	37.0231	81.4059	DB-2	1.0	1.2 -	6.2 -	1.23 -	0.20	6.18	1321.	61.	4.
958	0000	-785	37.0231	81.4054	DB-2	1.0	1.5 -	6.7	1.48	0.23	6.48	1396.	58.	4.
959	0000	-786	37.0231	81.4049	DB-2	1.1	2.0	6.9	1.80	0.29	6.23	1478.	59.	3.
960	0000	-786	37.0231	81.4043	DB-2	1.1	2.0	8.1	1.82	0.25	7.35	1553.	55.	2.
961	0000	-787	37.0231	81.4038	DB-2	1.1	2.2	8.2	1.94	0.27	7.31	1589.	57.	2.
962	0000	-788	37.0231	81.4032	DB-2	1.1	2.2	8.7	1.91	0.25	7.71	1627.	55.	1.
963	0000	-789	37.0231	81.4027	DB-2	1.1	2.5	8.7	2.18	0.28	7.70	1664.	55.	1.
964	0000	-790	37.0231	81.4022	DB-2	1.1	2.5	8.7	2.22	0.29	7.68	1709.	55.	1.
965	0000	-790	37.0231	81.4016	DB-2	1.1	2.5	8.8	2.21	0.28	7.91	1694.	55.	1.
966	0000	-792	37.0231	81.4011	DB-2	1.1	2.5	8.6	2.34	0.29	7.97	1687.	56.	1.
967	0000	-793	37.0232	81.4005	DB-2	1.1	2.5	7.8	2.28	0.32	7.14	1682.	57.	2.
968	0000	-794	37.0232	81.3999	DB-2	1.1	2.6	7.7	2.37	0.34 +	6.89	1696.	56.	3.
969	0000	-795	37.0232	81.3994	DB-2	1.1	2.4	7.5	2.15	0.32	6.70	1694.	56.	5.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-795	37.0232	81.3988	DB-2	1.2	2.2	7.7	1.90	0.29	6.54	1688.	58.	6.
971	0000	-797	37.0232	81.3982	DB-2	1.2	2.1	7.9	1.74	0.26	6.68	1684.	59.	7.
972	0000	-800	37.0232	81.3976	DB-2	1.2	2.1	7.7	1.78	0.28	6.44	1675.	60.	8.
973	0000	-800	37.0232	81.3971	DB-2	1.2	1.7	8.0	1.49	0.22	6.80	1675.	59.	9.
974	0000	-799	37.0232	81.3965	DB-2	1.2	1.7	7.9	1.46	0.22	6.64	1661.	60.	10.
975	0000	-801	37.0232	81.3960	DB-2	1.1	1.7	7.8	1.52	0.22	6.98	1651.	61.	10.
976	0000	-801	37.0232	81.3954	DB-2	1.1	1.9	7.8	1.71	0.24	7.21	1637.	59.	9.
977	0000	-803	37.0232	81.3949	DB-2	1.0	2.0	7.6	1.96	0.26	7.57	1620.	56.	8.
978	0000	-804	37.0232	81.3943	DB-2	1.0	2.0	7.3	1.95	0.28	6.97	1604.	54.	7.
979	0000	-804	37.0232	81.3937	DB-2	1.1	2.0	7.5	1.82	0.26	6.97	1629.	55.	6.
980	0000	-806	37.0232	81.3932	DB-2	1.1	2.1	7.7	1.95	0.28	7.01	1639.	54.	4.
981	0000	-808	37.0232	81.3925	DB-2	1.1	2.1	7.9	1.97	0.26	7.47	1638.	53.	3.
982	0000	-808	37.0232	81.3920	DB-2	1.1	2.1	8.2	1.97	0.26	7.53	1643.	53.	1.
983	0000	-810	37.0232	81.3915	DB-2	1.2	2.2	8.0	1.88	0.27	6.89	1656.	54.	1.
984	0000	-810	37.0232	81.3909	DB-2	1.2	2.2	7.9	1.80	0.27	6.60	1673.	56.	0.
985	0000	-810	37.0232	81.3903	DB-2	1.2	2.3	7.8	1.97	0.29	6.78	1665.	56.	0.
986	0000	-812	37.0232	81.3898	DB-2	1.1	2.0	7.9	1.83	0.26	7.15	1634.	55.	1.
987	0000	-812	37.0232	81.3892	DB-2	1.1	1.8	8.1	1.71	0.23	7.56	1624.	58.	1.
988	0000	-811	37.0232	81.3886	DB-2	1.1	2.0	7.7	1.78	0.26	6.85	1628.	59.	3.
989	0000	-813	37.0232	81.3880	DCH	1.1	1.9	7.5	1.67	0.25	6.67	1617.	59.	4.
990	0000	-814	37.0232	81.3875	DCH	1.1	1.8	7.6	1.70	0.24	7.14	1596.	58.	5.
991	0000	-815	37.0232	81.3870	DCH	1.0	1.8	7.7	1.76	0.23	7.67	1569.	57.	6.
992	0000	-816	37.0232	81.3864	DCH	0.9	1.6	7.9	1.72	0.21	8.33	1543.	57.	7.
993	0000	-817	37.0232	81.3858	DCH	0.9	1.8	7.8	2.02	0.23	8.75	1530.	56.	7.
994	0000	-820	37.0232	81.3852	DCH	0.8	1.8	7.1	2.25	0.26	8.74	1474.	57.	7.
995	0000	-821	37.0232	81.3847	DCH	0.7	1.9	7.0	2.57	0.28	9.30	1443.	56.	7.
996	0000	-819	37.0232	81.3841	DCH	0.7	2.1	6.5	2.97	0.32	9.33	1392.	59.	6.
997	0000	-819	37.0232	81.3835	DCH	0.6	2.1	6.0	3.21	0.34 +	9.32	1323.	60.	5.
998	0000	-820	37.0232	81.3829	DCH	0.6	2.0	5.6	3.34	0.35 +	9.50	1236.	61.	4.
999	0000	-821	37.0232	81.3824	DCH	0.6 -	1.9	4.9 -	3.42 +	0.38 +	8.89	1152.	63.	3.
1000	0000	-822	37.0232	81.3819	MPR-1	0.5 -	1.7	4.1 -	3.48	0.42 +	8.23	1037.	64.	3.
1001	0000	-823	37.0232	81.3813	MPR-1	0.5 -	1.6	3.4 -	3.37	0.49 ++	6.88	946.	64.	2.
1002	0000	-824	37.0232	81.3807	MPR-1	0.4 -	1.3 -	3.2 --	2.84	0.40 +	7.07	846.	63.	2.
1003	0000	-823	37.0232	81.3801	MPR-1	0.4 -	1.1 -	2.9 --	2.82	0.38 +	7.49	789.	62.	2.
1004	0000	-823	37.0232	81.3796	MPR-1	0.4 -	1.0 -	3.0 --	2.48	0.33	7.45	773.	63.	2.
1005	0000	-825	37.0232	81.3790	MPR-1	0.4 -	1.0 -	2.9 --	2.49	0.36 +	6.83	781.	61.	2.
1006	0000	-826	37.0232	81.3784	MPR-1	0.4 -	1.3 -	3.1 --	3.06	0.41 +	7.51	799.	60.	1.
1007	0000	-828	37.0232	81.3780	MPR-1	0.5 -	1.4	3.3 --	2.93	0.42 +	7.05	830.	60.	1.
1008	0000	-829	37.0232	81.3773	MPR-1	0.5 -	1.4	3.8 -	2.96	0.38 +	7.82	882.	57.	1.
1009	0000	-827	37.0232	81.3768	MPR-1	0.5	1.5	4.2 -	2.82	0.36 +	7.75	943.	58.	2.
1010	0000	-826	37.0232	81.3762	MPR-1	0.6	1.5	4.7 -	2.55	0.32	7.92	989.	57.	2.
1011	0000	-827	37.0232	81.3757	MPR-1	0.6	1.5	4.8 -	2.36	0.31	7.50	1050.	58.	2.
1012	0000	-829	37.0232	81.3750	MPR-1	0.7	1.5	5.3	2.11	0.28	7.59	1117.	61.	4.
1013	0000	-829	37.0232	81.3745	MPR-1	0.8	1.4	5.6	1.89	0.26	7.38	1198.	61.	4.
1014	0000	-828	37.0232	81.3739	MPR-1	0.9	1.3 -	6.2	1.50	0.21	7.19	1296.	61.	6.
1015	0000	-829	37.0232	81.3734	MPR-1	0.9	1.3 -	6.6	1.38 -	0.20 -	7.04	1368.	60.	6.
1016	0000	-829	37.0232	81.3728	MPR-1	0.9	1.4	6.7	1.48	0.21	7.19	1418.	61.	7.
1017	0000	-830	37.0232	81.3723	MPR-1	1.0	1.3 -	6.8	1.33 -	0.19 -	7.03	1442.	60.	7.
1018	0000	-832	37.0232	81.3717	DLMU-2	0.9 -	1.4 -	7.0 -	1.54	0.20	7.55	1437.	59.	7.
1019	0000	-832	37.0232	81.3711	DLMU-1	0.9 +	1.4	7.0 ++	1.54 -	0.20 -	7.58	1420.	56.	6.
1020	0000	-833	37.0232	81.3705	DLMU-2	0.9 -	1.3 --	7.0 -	1.47	0.19 -	7.92	1382.	58.	6.

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TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-833	37.0232	81.3700	DLMU-1	0.8	1.4	6.7 +	1.70 -	0.20 -	8.32	1340.	58.	6.
1022	0000	-833	37.0232	81.3694	DLMU-1	0.8	1.5	6.1 +	2.00	0.25	8.09	1288.	58.	6.
1023	0000	-835	37.0232	81.3689	DLMU-1	0.7	1.4	5.9 +	1.98	0.25	8.08	1236.	59.	5.
1024	0000	-834	37.0232	81.3683	DLMU-1	0.7	1.5	5.6 +	2.10	0.27	7.82	1226.	58.	5.
1025	0000	-833	37.0232	81.3677	DLMU-1	0.7	1.4	5.6 +	1.90	0.25	7.60	1223.	55.	5.
1026	0000	-835	37.0232	81.3672	DLMU-1	0.7	1.7	5.4	2.28	0.31	7.38	1223.	56.	4.
1027	0000	-837	37.0232	81.3666	DLMU-1	0.8	1.7	5.3	2.20	0.31	7.07	1223.	53.	3.
1028	0000	-836	37.0232	81.3660	DLMU-1	0.7	1.8	5.1	2.41	0.35	6.93	1190.	56.	2.
1029	0000	-835	37.0232	81.3654	DLMU-1	0.7	1.7	5.3	2.25	0.32	7.12	1164.	59.	2.
1030	0000 •	-837	37.0232	81.3649	DLMU-1	0.7	1.6	5.6 +	2.23	0.29	7.60	1174.	57.	1.
1031	0000	-839	37.0233	81.3643	STC-2	0.7	1.6	5.5	2.33	0.30	7.84	1158.	59.	1.
1032	0000	-839	37.0233	81.3638	STC-2	0.7	1.8	5.4	2.55	0.33	7.78	1153.	61.	0.
1033	0000	-839	37.0233	81.3633	STC-2	0.7	1.6	5.3	2.31	0.29	7.90	1136.	63.	1.
1034	0000	-839	37.0233	81.3627	STC-2	0.7	1.5	5.0	2.26	0.30	7.65	1104.	63.	2.
1035	0000	-839	37.0233	81.3621	STC-2	0.7	1.3	5.0	2.04	0.27	7.70	1075.	61.	2.
1036	0000	-840	37.0233	81.3615	STC-2	0.6	1.1	4.6	1.87	0.25	7.61	1029.	61.	3.
1037	0000	-840	37.0233	81.3610	STC-1	0.6 ++	1.1	4.0 +	1.87 -	0.27	7.02 --	954.	62.	5.
1038	0000	-839	37.0233	81.3604	OMUU	0.5	1.0 -	3.7 -	1.91	0.27	7.19	900.	61.	5.
1039	0000	-840	37.0233	81.3598	OMUU	0.5	0.9 -	3.3 -	1.97	0.28	6.95	837.	60.	5.
1040	0000	-841	37.0233	81.3593	OMUU	0.4	0.9 -	3.1 -	1.99	0.28	7.25	773.	61.	6.
1041	0000	-841	37.0233	81.3587	OMUU	0.4	0.8 -	3.1 -	2.10	0.26	7.97	734.	65.	5.
1042	0000	-840	37.0233	81.3582	OMUU	0.3 -	0.9 -	2.9 -	2.72	0.31	8.84	716.	66.	5.
1043	0000	-840	37.0233	81.3576	OMUU	0.3 -	1.0 -	3.0 -	3.06	0.32	9.56	735.	65.	4.
1044	0000	-843	37.0233	81.3570	OMUU	0.3 -	1.1	3.5 -	3.47	0.32	11.00	791.	65.	3.
1045	0000	-845	37.0233	81.3564	OMUU	0.4	1.2	3.8	3.41	0.32	10.54	844.	65.	3.
1046	0000	-846	37.0233	81.3559	OMUU	0.4	1.2	4.3	2.82	0.28	10.23	901.	66.	3.
1047	0000	-846	37.0233	81.3553	OKU	0.4	1.3	4.6	2.89	0.27	10.56	943.	65.	2.
1048	0000	-845	37.0233	81.3548	OKU	0.5	1.3	4.4	2.49	0.29	8.46	981.	63.	2.
1049	0000	-846	37.0233	81.3542	OKU	0.6	1.2	4.9	2.13	0.25	8.39	1015.	59.	2.
1050	0000	-848	37.0233	81.3537	OKU	0.6	1.3	4.9	2.17	0.26	8.46	1024.	59.	2.
1051	0000	-849	37.0233	81.3530	OKU	0.6	1.3	4.6	2.37	0.29	8.28	1001.	58.	3.
1052	0000	-847	37.0233	81.3525	OKU	0.5	1.3	4.5	2.46	0.29	8.54	982.	58.	4.
1053	0000	-846	37.0233	81.3519	OKU	0.5	1.4	4.2	2.87	0.33	8.75	970.	56.	5.
1054	0000	-848	37.0233	81.3513	OKU	0.5	1.4	4.2	2.76	0.33	8.44	1000.	55.	7.
1055	0000	-849	37.0233	81.3507	OKU	0.5	1.5	4.6	3.10	0.32	9.82	1033.	53.	8.
1056	0000	-849	37.0232	81.3502	OKU	0.5	1.5	4.6	3.01	0.32	9.42	1073.	55.	9.
1057	0000	-850	37.0232	81.3497	OKU	0.5	1.6	5.1	3.17	0.32	9.88	1118.	55.	9.
1058	0000	-850	37.0232	81.3491	OKU	0.6	1.7	5.5	3.08	0.31	9.93	1166.	56.	9.
1059	0000	-848	37.0232	81.3485	CCR-1	0.6	1.7	5.8	2.93	0.30	9.79	1209.	56.	9.
1060	0000	-850	37.0232	81.3480	CCR-1	0.7	1.6	6.4 +	2.39	0.25 -	9.58	1234.	58.	7.
1061	0000	-852	37.0232	81.3474	CCR-1	0.7	1.5	6.6 +	2.16	0.22 -	9.62	1241.	59.	6.
1062	0000	-852	37.0232	81.3468	CCR-1	0.7	1.6	6.4 +	2.22	0.24 -	9.10	1234.	61.	5.
1063	0000	-853	37.0233	81.3463	CCR-1	0.6	1.6	6.3 +	2.54	0.26 -	9.68	1200.	60.	3.
1064	0000	-855	37.0233	81.3458	CCR-1	0.7	1.6	5.9	2.41	0.27 -	9.01	1162.	62.	2.
1065	0000	-856	37.0233	81.3452	CCR-1	0.6	1.5	5.5	2.33	0.27	8.51	1131.	64.	2.
1066	0000	-855	37.0233	81.3446	CCR-1	0.6	1.5	5.3	2.29	0.27	8.37	1106.	64.	1.
1067	0000	-856	37.0233	81.3440	CCR-1	0.7	1.4	5.1	2.13	0.27	7.80	1096.	63.	1.
1068	0000	-857	37.0233	81.3435	CCR-1	0.6	1.6	4.9	2.53	0.33	7.77	1094.	62.	1.
1069	0000	-857	37.0233	81.3429	CCR-1	0.6	1.6	5.0	2.63	0.32	8.16	1108.	62.	3.
1070	0000	-859	37.0233	81.3423	CCR-1	0.7	1.6	5.2	2.42	0.31	7.91	1153.	62.	4.
1071	0000	-859	37.0233	81.3417	CCR-1	0.7	1.7	5.4	2.49	0.32	7.88	1212.	59.	5.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-859	37.0233	81.3412	CCR-1	0.7	2.0	5.8	2.77	0.35	7.99	1278.	55.	6.
1073	0000	-860	37.0233	81.3406	CCR-1	0.8	2.2	5.8	2.86	0.38	7.61	1319.	56.	7.
1074	0000	-859	37.0233	81.3401	CCR-1	0.7	2.6 +	5.8	3.47	0.45	7.77	1352.	55.	7.
1075	0000	-857	37.0233	81.3395	CCR-1	0.8	2.5 +	5.6	3.37	0.45	7.45	1354.	55.	8.
1076	0000	-858	37.0233	81.3389	CCR-1	0.8	2.6 +	5.5	3.43	0.47	7.33	1357.	53.	7.
1077	0000	-858	37.0233	81.3384	CHK-1	0.7	2.8 +	5.4	3.73	0.51 +	7.31	1370.	54.	6.
1078	0000	-857	37.0233	81.3378	CHK-1	0.8	2.7 +	5.3	3.34	0.50	6.65	1378.	57.	5.
1079	0000	-857	37.0233	81.3372	CHK-1	0.8	2.5 +	5.3	3.16	0.48	6.53	1390.	59.	4.
1080	0000	-859	37.0233	81.3367	CHK-1	0.8	2.7 +	5.2	3.25	0.51 +	6.41	1428.	60.	3.
1081	0000	-860	37.0233	81.3362	CHK-1	0.9	2.6 +	5.6	2.89	0.47	6.13	1490.	58.	2.
1082	0000	-859	37.0233	81.3355	CHK-2	1.0	2.7	6.1 -	2.54	0.43 +	5.85	1569.	57.	1.
1083	0000	-859	37.0233	81.3350	CHK-2	1.1	2.9	6.6 -	2.55	0.43 +	5.88	1634.	59.	0.
1084	0000	-860	37.0233	81.3344	CHK-2	1.2	2.8	7.0	2.42	0.41 +	5.95	1681.	57.	0.
1085	0000	-859	37.0233	81.3338	CHK-2	1.1	3.1	6.3	2.73	0.45 +	6.00	1696.	56.	0.
1086	0000	-858	37.0233	81.3333	CHK-2	1.2	3.0	7.0	2.49	0.43 +	5.81	1699.	56.	0.
1087	0000	-859	37.0233	81.3327	CN	1.2	2.9 +	7.2 +	2.32	0.40	5.77	1704.	55.	0.
1088	0000	-859	37.0233	81.3321	CN	1.3	2.9 +	7.1	2.32	0.41	5.62	1707.	58.	0.
1089	0000	-861	37.0233	81.3316	CN	1.3	3.0 +	6.8	2.28	0.43	5.24	1712.	58.	1.
1090	0000	-861	37.0233	81.3311	CN	1.4	2.6 +	7.0	1.90	0.38	5.05	1744.	57.	1.
1091	0000	-859	37.0233	81.3305	CN	1.5	2.5	6.8	1.63	0.37	4.46	1764.	61.	1.
1092	0000	-862	37.0233	81.3299	CN	1.6	2.4	6.9	1.47	0.35	4.24	1805.	64.	1.
1093	0000	-864	37.0233	81.3293	CN	1.7	2.5	6.6	1.48	0.38	3.93	1817.	65.	1.
1094	0000	-863	37.0233	81.3288	CN	1.7	2.4	6.5	1.44	0.37	3.90	1789.	64.	1.
1095	0000	-863	37.0233	81.3282	CN	1.6	2.1	6.4	1.32	0.34	3.92	1730.	64.	1.
1096	0000	-862	37.0233	81.3276	CCR-1	1.5 +	2.0	6.1	1.30 -	0.32	4.03 -	1661.	66.	1.
1097	0000	-861	37.0233	81.3271	CCR-1	1.4 +	2.0	5.3	1.43	0.37	3.86 -	1545.	67.	1.
1098	0000	-862	37.0233	81.3265	CCR-1	1.2	2.0	4.9	1.61	0.41	3.98 -	1444.	63.	1.
1099	0000	-861	37.0233	81.3260	CCR-1	1.1	1.8	4.9	1.65	0.36	4.61	1342.	59.	1.
1100	0000	-861	37.0233	81.3254	CCR-1	0.9	1.6	4.6	1.72	0.34	4.98	1255.	59.	2.
1101	0000	-862	37.0233	81.3248	CCR-1	0.9	1.7	4.4	1.94	0.38	5.17	1198.	60.	2.
1102	0000	-861	37.0233	81.3242	CCR-1	0.7	1.9	4.2	2.48	0.44	5.61	1159.	58.	2.
1103	0000	-860	37.0233	81.3237	CCR-1	0.7	2.0	4.3	3.11	0.47	6.64	1125.	63.	2.
1104	0000	-861	37.0233	81.3231	CCR-1	0.6	2.1	4.3	3.49	0.49	7.20	1117.	65.	3.
1105	0000	-864	37.0233	81.3226	CCR-1	0.5	2.2	4.2	4.37 +	0.53 +	8.18	1116.	68.	3.
1106	0000	-864	37.0233	81.3220	CCR-1	0.5	2.5 +	3.9	5.03 +	0.63 ++	7.95	1126.	71.	4.
1107	0000	-860	37.0233	81.3214	CCR-1	0.4	2.7 +	3.9	6.03 +	0.67 ++	8.94	1158.	71.	4.
1108	0000	-860	37.0233	81.3208	CCR-1	0.4	2.7 +	4.2	6.17 +	0.63 ++	9.73	1193.	71.	4.
1109	0000	-863	37.0233	81.3203	CCR-1	0.5	2.6 +	4.2	5.77 +	0.62 ++	9.33	1224.	73.	6.
1110	0000	-862	37.0233	81.3197	CCR-1	0.5	2.7 +	4.1	4.91 +	0.65 ++	7.50	1285.	67.	6.
1111	0000	-862	37.0233	81.3192	CCR-1	0.6	2.8 +	4.4	4.90 +	0.63 ++	7.75	1327.	64.	6.
1112	0000	-864	37.0233	81.3186	CCR-1	0.6	2.8 +	4.8	4.89 +	0.59 +	8.31	1359.	62.	7.
1113	0000	-862	37.0233	81.3181	CCR-1	0.6	2.8 +	4.9	4.60 +	0.58 +	7.95	1379.	60.	6.
1114	0000	-861	37.0233	81.3175	CCR-1	0.7	2.7 +	5.0	4.09	0.53 +	7.75	1380.	58.	6.
1115	0000	-865	37.0233	81.3169	CCR-1	0.7	2.7 +	4.7	3.97	0.57 +	6.96	1375.	55.	6.
1116	0000	-865	37.0233	81.3164	CCR-1	0.7	2.8 +	4.6	4.20	0.61 ++	6.93	1360.	55.	4.
1117	0000	-865	37.0233	81.3158	OCH	0.6	2.7 +	4.8	4.52 +	0.55 +	8.21	1312.	57.	3.
1118	0000	-864	37.0233	81.3152	OCH	0.6	2.7 +	4.9	4.45 +	0.55 +	8.05	1301.	58.	2.
1119	0000	-864	37.0233	81.3146	OCH	0.6	2.7 +	4.6	4.32 +	0.59 +	7.34	1286.	59.	1.
1120	0000	-864	37.0233	81.3141	OCH	0.7	2.5 +	4.6	3.75	0.54 +	6.96	1286.	58.	1.
1121	0000	-863	37.0233	81.3136	OCH	0.7	2.6 +	4.4	3.82	0.58 +	6.56	1267.	57.	1.
1122	0000	-865	37.0233	81.3130	OCH	0.7	2.2	4.6	3.21	0.48	6.69	1235.	57.	2.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-865	37.0233	81.3124	OCH	0.7	1.9	4.6	2.64	0.41	6.42	1203.	58.	3.
1124	0000	-863	37.0233	81.3118	OCH	0.8	1.8	4.5	2.39	0.41	5.82	1176.	57.	5.
1125	0000	-864	37.0233	81.3113	OCH	0.8	1.3	4.1	1.77	0.33	5.41	1112.	59.	6.
1126	0000	-864	37.0233	81.3107	OMKL-1	0.7 +	1.1	3.7	1.47 -	0.28	5.17 -	1041.	58.	8.
1127	0000	-864	37.0233	81.3101	OMKL-1	0.7 +	0.9 -	3.9	1.33 -	0.23	5.70 -	988.	61.	9.
1128	0000	-866	37.0233	81.3096	OMKL-1	0.7 +	0.7 -	4.2	0.99 -	0.16 -	6.15 -	966.	59.	11.
1129	0000	-867	37.0233	81.3091	OMKL-1	0.6	1.0	3.8	1.62	0.26	6.27 -	960.	57.	11.
1130	0000	-865	37.0233	81.3085	OMKL-1	0.6	0.9	3.9	1.50 -	0.24	6.17 -	974.	55.	11.
1131	0000	-866	37.0233	81.3079	OMKL-1	0.6	0.9 -	4.1	1.40 -	0.21 -	6.69	972.	56.	12.
1132	0000	-868	37.0233	81.3074	OMKL-1	0.6	1.2	4.2	1.91	0.28	6.94	979.	53.	10.
1133	0000	-867	37.0233	81.3068	OMKL-1	0.6	1.0	4.3	1.71	0.24	7.05	972.	53.	10.
1134	0000	-867	37.0233	81.3062	OMKL-1	0.6	1.0	4.0	1.75	0.25	6.96	945.	51.	9.
1135	0000	-866	37.0233	81.3056	OMKL-1	0.6	0.9	3.8	1.64	0.25	6.58	917.	56.	8.
1136	0000	-864	37.0233	81.3051	OMUU	0.6	0.8 -	3.8	1.27	0.21	6.00	898.	59.	6.
1137	0000	-865	37.0233	81.3045	OMUU	0.6	0.8 -	3.6 -	1.39	0.23	6.04	877.	61.	5.
1138	0000	-866	37.0234	81.3040	OMUU	0.6	0.9 -	3.6 -	1.48	0.25	5.84	891.	58.	3.
1139	0000	-866	37.0234	81.3034	OMUU	0.7	0.9 -	3.8	1.32	0.23	5.71 -	921.	59.	2.
1140	0000	-868	37.0234	81.3028	OMUU	0.7	1.1	4.1	1.55	0.26	5.86	972.	58.	1.
1141	0000	-868	37.0234	81.3022	OMUU	0.7	1.3	4.4	1.83	0.30	6.11	1029.	58.	1.
1142	0000	-867	37.0234	81.3017	OMUU	0.7	1.5	4.3	2.09	0.35	5.97	1092.	57.	2.
1143	0000	-868	37.0234	81.3011	OMUU	0.7	1.5	4.6	2.02	0.33	6.13	1129.	59.	2.
1144	0000	-869	37.0234	81.3005	OMUU	0.7	1.8	4.7	2.45	0.38 +	6.38	1166.	58.	3.
1145	0000	-868	37.0234	81.3000	OMUU	0.8	1.8	5.1	2.27	0.35	6.56	1185.	59.	3.
1146	0000	-869	37.0233	81.2994	OMUU	0.8	1.8	5.3	2.34	0.34	6.96	1209.	58.	4.
1147	0000	-870	37.0233	81.2988	OMUU	0.7	1.7	5.3	2.23	0.31	7.10	1206.	61.	5.
1148	0000	-870	37.0233	81.2982	OMUU	0.7	1.6	5.2	2.23	0.31	7.15	1205.	61.	5.
1149	0000	-870	37.0233	81.2977	OMUU	0.7	1.5	5.9	2.20	0.26	8.39	1188.	60.	5.
1150	0000	-872	37.0233	81.2970	OMUU	0.7	1.5	6.2	2.20	0.24	8.98	1194.	55.	5.
1151	0000	-872	37.0233	81.2964	OMUU	0.7	1.3	6.3	1.86	0.20	9.20	1188.	57.	5.
1152	0000	-870	37.0233	81.2959	OMUU	0.7	1.5	6.1	2.30	0.25	9.28	1203.	55.	4.
1153	0000	-872	37.0233	81.2953	OMUU	0.6	1.7	6.0	2.87	0.29	9.99	1188.	57.	4.
1154	0000	-874	37.0233	81.2946	OMUU	0.7	1.8	6.1	2.78	0.30	9.36	1211.	54.	3.
1155	0000	-872	37.0233	81.2941	OMUU	0.7	1.8	5.8	2.71	0.31	8.64	1207.	53.	3.
1156	0000	-870	37.0233	81.2935	OMUU	0.7	1.9	5.7	2.70	0.33	8.09	1205.	55.	2.
1157	0000	-872	37.0233	81.2929	OMUU	0.7	1.9	5.7	2.91	0.34	8.47	1180.	57.	2.
1158	0000	-873	37.0233	81.2923	OMUU	0.7	2.0	5.5	2.96	0.36	8.29	1148.	55.	2.
1159	0000	-872	37.0233	81.2917	OMUU	0.6	1.8	5.2	2.97	0.34	8.79	1088.	56.	2.
1160	0000	-872	37.0233	81.2911	OMUU	0.6	1.5	5.3	2.54	0.28	9.02	1049.	55.	2.
1161	0000	-874	37.0233	81.2906	OMUU	0.5	1.5	5.2	2.98	0.28	10.63	1002.	57.	3.
1162	0000	-874	37.0233	81.2900	OMUU	0.4	1.3	5.5	3.08	0.24	12.63 +	979.	57.	2.
1163	0000	-874	37.0233	81.2893	OMUU	0.4	1.3	5.2	3.15	0.26	12.16	961.	58.	3.
1164	0000	-874	37.0233	81.2888	OMUU	0.4	1.2	5.2	2.63	0.23	11.49	968.	60.	4.
1165	0000	-875	37.0233	81.2882	OMUU	0.5	1.1	5.6	2.41	0.20	11.98	988.	61.	4.
1166	0000	-875	37.0232	81.2876	OMUU	0.5	1.3	5.5	2.62	0.23	11.40	1013.	61.	4.
1167	0000	-873	37.0232	81.2870	OMUU	0.5	1.5	5.3	2.93	0.28	10.64	1032.	61.	4.
1168	0000	-874	37.0232	81.2864	OMUU	0.6	1.4	5.4	2.39	0.26	9.29	1050.	61.	4.
1169	0000	-875	37.0232	81.2858	OMUU	0.6	1.5	5.4	2.46	0.27	8.99	1053.	62.	4.
1170	0000	-876	37.0232	81.2853	OMUU	0.7	1.4	5.3	2.06	0.25	8.15	1061.	61.	4.
1171	0000	-876	37.0232	81.2847	OMUU	0.6	1.6	5.1	2.63	0.31	8.60	1066.	58.	3.
1172	0000	-876	37.0232	81.2840	OMUU	0.6	1.7	4.9	2.88	0.34	8.35	1069.	56.	3.
1173	0000	-875	37.0232	81.2835	OMUU	0.6	1.5	5.3	2.52	0.29	8.67	1075.	60.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-875	37.0232	81.2829	OMUU	0.6	1.4	5.4	2.28	0.27	8.53	1086.	59.	2.
1175	0000	-876	37.0232	81.2823	OMUU	0.7	1.7	5.3	2.54	0.31	8.08	1097.	57.	2.
1176	0000	-876	37.0232	81.2817	OMUU	0.7	1.6	5.1	2.35	0.32	7.38	1115.	60.	1.
1177	0000	-876	37.0232	81.2811	OMUU	0.7	1.7	5.3	2.50	0.31	7.85	1120.	62.	1.
1178	0000	-877	37.0232	81.2805	OMUU	0.7	1.6	5.3	2.20	0.30	7.35	1126.	63.	0.
1179	0000	-877	37.0232	81.2800	OMUU	0.8	1.4	5.2	1.87	0.28	6.71	1123.	65.	0.
1180	0000	-876	37.0232	81.2794	OMUU	0.8	1.4	4.8	1.82	0.30	6.09	1102.	61.	0.
1181	0000	-876	37.0232	81.2787	OMUU	0.8	1.3	4.8	1.70	0.28	6.05	1071.	62.	0.
1182	0000	-877	37.0232	81.2782	OMUU	0.7	1.1	4.8	1.54	0.24	6.45	1039.	64.	0.
1183	0000	-880	37.0232	81.2776	OMUU	0.7	1.2	4.7	1.58	0.25	6.40	1001.	64.	0.
1184	0000	-881	37.0232	81.2770	OMUU	0.7	1.2	4.3	1.79	0.28	6.40	965.	64.	0.
1185	0000	-878	37.0232	81.2764	OMUU	0.6	1.2	3.9	2.00	0.31	6.44	917.	65.	1.
1186	0000	-876	37.0232	81.2758	STC-1	0.6 ++	1.2	3.8 +	2.23 -	0.32	6.87 --	870.	67.	1.
1187	0000	-877	37.0231	81.2752	STC-1	0.5 ++	1.3	3.8 +	2.59 -	0.33	7.77 -	839.	70.	1.
1188	0000	-878	37.0231	81.2746	STC-1	0.4 ++	1.2	3.5	2.71 -	0.35	7.85 -	808.	67.	1.
1189	0000	-880	37.0232	81.2740	STC-1	0.4 +	1.2	3.3	2.77 -	0.36	7.79 -	770.	70.	2.
1190	0000	-880	37.0232	81.2734	STC-1	0.4 +	1.0	3.2	2.71 -	0.31	8.63 -	747.	69.	2.
1191	0000	-878	37.0232	81.2729	STC-1	0.3 +	1.0	3.3	2.90	0.31	9.40 -	722.	67.	3.
1192	0000	-876	37.0232	81.2723	STC-1	0.3 +	1.0	3.3	2.80	0.29	9.59	694.	67.	3.
1193	0000	-876	37.0232	81.2717	STC-1	0.3	1.0	3.2	3.70	0.32	11.41	684.	66.	3.
1194	0000	-878	37.0232	81.2711	STC-1	0.3	1.0	3.0	3.47	0.33	10.39	677.	68.	3.
1195	0000	-878	37.0232	81.2705	STC-1	0.2	1.1	3.2	4.54	0.35	13.05	696.	72.	4.
1196	0000	-877	37.0232	81.2699	STC-1	0.2	1.2	3.6 +	4.86	0.32	15.02	728.	69.	4.
1197	0000	-877	37.0231	81.2693	STC-1	0.2	1.4	3.9 +	6.07	0.35	17.29 +	761.	69.	4.
1198	0000	-877	37.0231	81.2687	STC-2	0.3 -	1.3	4.0 -	5.30 -	0.33	16.10	791.	70.	3.
1199	0000	-876	37.0231	81.2681	STC-2	0.3 -	1.4	4.6	5.31 -	0.30	17.46 +	845.	70.	3.
1200	0000	-877	37.0231	81.2676	STC-2	0.3 -	1.5	5.1	5.57 -	0.30	18.76 +	897.	69.	2.
1201	0000	-877	37.0231	81.2670	STC-2	0.2 -	1.7	5.9	7.02 +	0.29	24.37 +	948.	66.	1.
1202	0000	-877	37.0231	81.2563	STC-2	0.2 -	1.9	5.8	7.83 ++	0.32	24.67 +	976.	66.	1.
1203	0000	-879	37.0231	81.2658	STC-2	0.2 -	1.9	5.9	8.68 ++	0.33	26.35 +	997.	67.	0.
1204	0000	-879	37.0231	81.2652	STC-2	0.2 -	1.8	5.9	7.99 ++	0.31	25.67 +	1006.	68.	0.
1205	0000	-877	37.0231	81.2646	STC-2	0.2 -	2.1 +	6.3	9.87 ++	0.33	29.99 ++	1044.	68.	0.
1206	0000	-878	37.0231	81.2640	STC-2	0.2 -	2.1 +	6.2	10.25 ++	0.34	30.15 ++	1049.	67.	0.
1207	0000	-878	37.0230	81.2634	STC-2	0.2 -	2.0 +	6.1	9.77 ++	0.33	29.45 ++	1042.	69.	0.
1208	0000	-878	37.0230	81.2628	STC-2	0.2 -	2.0 +	5.9	8.36 ++	0.35	24.10 +	1040.	66.	0.
1209	0000	-878	37.0230	81.2623	STC-2	0.3	1.9	6.0	6.53 +	0.32	20.53 +	1035.	68.	0.
1210	0000	-877	37.0231	81.2617	STC-2	0.3	1.9	6.4	6.40 +	0.29	21.71 +	1044.	66.	0.
1211	0000	-876	37.0231	81.2610	STC-2	0.3 -	1.9	6.5	7.02 +	0.30	23.66 +	1048.	63.	0.
1212	0000	-877	37.0231	81.2605	STC-2	0.3	1.8	6.1	5.99 +	0.29	20.51 +	1021.	65.	0.
1213	0000	-877	37.0231	81.2599	STC-2	0.3	1.7	6.0	5.67 +	0.28	20.41 +	1002.	66.	1.
1214	0000	-878	37.0231	81.2593	STC-2	0.3	1.6	5.6	5.47 +	0.29	18.84 +	969.	65.	1.
1215	0000	-880	37.0231	81.2587	STC-2	0.3	1.5	5.0	4.85 +	0.31	15.87	927.	67.	1.
1216	0000	-879	37.0231	81.2581	STC-2	0.3	1.4	4.8	4.90 +	0.30	16.48	885.	65.	1.
1217	0000	-878	37.0231	81.2575	STC-2	0.3	1.4	4.3 -	4.64	0.33	13.98	842.	65.	1.
1218	0000	-877	37.0230	81.2569	STC-1	0.3 +	1.4	3.8 +	3.89	0.36	10.92	809.	66.	2.
1219	0000	-876	37.0230	81.2564	STC-2	0.4	1.1	4.2 -	3.09	0.27	11.37	782.	63.	2.
1220	0000	-878	37.0230	81.2557	STC-1	0.3 +	1.0	4.0 +	2.96	0.26	11.48	744.	62.	2.
1221	0000	-878	37.0230	81.2552	STC-1	0.3 +	1.2	3.7 +	3.49	0.32	10.94	717.	65.	2.
1222	0000	-877	37.0230	81.2546	STC-1	0.3	1.0	3.8 +	3.37	0.27	12.33	691.	66.	2.
1223	0000	-879	37.0230	81.2540	STC-1	0.3	1.1	3.5	3.55	0.31	11.30	667.	66.	2.
1224	0000	-879	37.0230	81.2534	STC-1	0.3	1.1	3.1	4.07	0.35	11.28	650.	65.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-879	37.0230	81.2528	STC-1	0.2	1.1	2.8	4.69	0.38	12.40	629.	64.	2.
1226	0000	-879	37.0230	81.2522	STC-1	0.2	1.3	2.2 -	6.43	0.62 +	10.42	617.	65.	1.
1227	0000	-878	37.0230	81.2516	STC-1	0.2	1.5 +	2.1 -	6.66	0.73 ++	9.15 -	631.	65.	1.
1228	0000	-878	37.0230	81.2511	STC-1	0.2	1.4	2.4 -	7.51 +	0.58 +	12.90	638.	63.	1.
1229	0000	-879	37.0230	81.2504	STC-1	0.2	1.4	2.6	7.66 +	0.53 +	14.46	665.	61.	1.
1230	0000	-877	37.0230	81.2499	STC-1	0.2	1.2	3.1	5.87	0.39	14.89	706.	60.	2.
1231	0000	-878	37.0230	81.2493	STC-1	0.2	1.3	3.1	5.90	0.42	13.97	739.	61.	2.
1232	0000	-879	37.0230	81.2487	STC-1	0.3	1.3	3.8 +	4.76	0.35	13.70	791.	61.	3.
1233	0000	-878	37.0230	81.2481	STC-2	0.3	1.3	4.3 -	3.68	0.29	12.51	868.	58.	4.
1234	0000	-877	37.0230	81.2475	STC-2	0.4	1.3	4.7	3.01	0.28	10.89	952.	58.	4.
1235	0000	-877	37.0230	81.2469	DB-2	0.6	1.3 -	5.1 --	2.26	0.26	8.61	1083.	57.	4.
1236	0000	-878	37.0230	81.2463	DB-2	0.7 -	1.7	5.4 -	2.24	0.31	7.25	1215.	57.	4.
1237	0000	-880	37.0230	81.2457	DB-2	0.9	2.1	5.4 -	2.29	0.38 +	6.04	1351.	56.	4.
1238	0000	-879	37.0229	81.2451	DB-2	1.1	2.2	6.0 -	2.04	0.36 +	5.68	1485.	55.	3.
1239	0000	-879	37.0229	81.2446	DB-2	1.1	2.5	6.5 -	2.22	0.38 +	5.86	1584.	55.	3.
1240	0000	-879	37.0229	81.2440	DB-2	1.1	2.4	6.7	2.11	0.36 +	5.88	1642.	57.	3.
1241	0000	-877	37.0229	81.2434	DB-2	1.2	2.3	6.9	1.84	0.33	5.61	1677.	55.	3.
1242	0000	-878	37.0229	81.2428	DB-2	1.2	2.1	6.8	1.74	0.31	5.53	1659.	55.	2.
1243	0000	-880	37.0229	81.2422	DB-2	1.2	2.1	7.1	1.77	0.29	6.06	1622.	56.	2.
1244	0000	-880	37.0229	81.2416	DB-2	1.1	1.8	7.6	1.61	0.24	6.77	1575.	56.	2.
1245	0000	-878	37.0229	81.2410	DB-2	1.1	1.6 -	7.5	1.45	0.21	7.02	1549.	58.	2.
1246	0000	-878	37.0229	81.2404	DB-2	1.2	1.4 -	7.2	1.21 -	0.19 -	6.25	1549.	58.	1.
1247	0000	-879	37.0229	81.2398	DB-2	1.2	1.4 -	7.4	1.16 -	0.19 -	6.02	1569.	60.	1.
1248	0000	-878	37.0229	81.2392	DB-2	1.2	1.6	7.6	1.39	0.21	6.54	1592.	62.	1.
1249	0000	-879	37.0229	81.2387	DB-2	1.2	1.7	7.8	1.44	0.22	6.47	1630.	61.	0.
1250	0000	-880	37.0229	81.2381	DB-2	1.3	1.6 -	7.9	1.21 -	0.20	6.04	1663.	61.	0.
1251	0000	-878	37.0229	81.2375	DB-2	1.3	1.7	7.6	1.29	0.23	5.73	1691.	61.	0.
1252	0000	-879	37.0229	81.2369	DB-2	1.4	1.8	7.8	1.29	0.23	5.69	1704.	60.	0.
1253	0000	-879	37.0229	81.2363	DB-2	1.4	1.7	8.1	1.28 -	0.21	6.01	1700.	60.	0.
1254	0000	-877	37.0229	81.2357	DB-2	1.3	2.1	7.8	1.53	0.26	5.79	1711.	59.	0.
1255	0000	-878	37.0229	81.2351	DB-2	1.4	2.0	8.3	1.39	0.24	5.83	1733.	58.	0.
1256	0000	-879	37.0229	81.2345	DB-2	1.4	2.0	8.2	1.43	0.25	5.83	1752.	58.	0.
1257	0000	-880	37.0229	81.2339	DB-2	1.4	2.1	8.1	1.46	0.26	5.60	1779.	57.	0.
1258	0000	-879	37.0229	81.2334	DB-2	1.5	2.0	7.9	1.37	0.25	5.38 -	1792.	56.	2.
1259	0000	-878	37.0228	81.2327	DB-2	1.5	2.1	8.2	1.37	0.25	5.43 -	1818.	57.	2.
1260	0000	-877	37.0228	81.2322	DB-2	1.5	2.1	7.9	1.40	0.27	5.15 -	1843.	59.	3.
1261	0000	-879	37.0228	81.2316	DB-2	1.5	1.8	7.9	1.19 -	0.23	5.16 -	1822.	58.	3.
1262	0000	-879	37.0228	81.2310	DB-2	1.5	1.9	7.3	1.27 -	0.26	4.84 -	1793.	59.	4.
1263	0000	-879	37.0228	81.2304	DB-2	1.5	2.0	7.4	1.34	0.27	5.01 -	1771.	58.	4.
1264	0000	-877	37.0228	81.2298	DB-2	1.4	1.9	7.0	1.39	0.27	5.05 -	1736.	58.	5.
1265	0000	-875	37.0228	81.2292	DB-2	1.3	2.0	7.3	1.49	0.27	5.48	1710.	58.	4.
1266	0000	-876	37.0228	81.2286	DB-2	1.3	1.9	7.3	1.52	0.26	5.74	1701.	56.	3.
1267	0000	-876	37.0228	81.2281	DB-2	1.3	2.0	7.5	1.55	0.26	5.89	1708.	52.	4.
1268	0000	-876	37.0228	81.2274	DB-2	1.3	2.0	8.1	1.59	0.25	6.34	1730.	53.	4.
1269	0000	-878	37.0228	81.2269	DB-2	1.2	2.0	8.3	1.64	0.24	6.77	1748.	53.	4.
1270	0000	-880	37.0228	81.2263	DB-2	1.2	2.1	8.5	1.65	0.24	6.85	1768.	52.	5.
1271	0000	-880	37.0228	81.2257	DLMU-2	1.3	2.1	8.6	1.60	0.24	6.74	1793.	53.	5.
1272	0000	-878	37.0228	81.2251	DLMU-2	1.3	2.1	8.4	1.57	0.25	6.31	1819.	54.	7.
1273	0000	-877	37.0228	81.2245	DLMU-2	1.4	2.3	8.5	1.68	0.27	6.11	1859.	56.	7.
1274	0000	-877	37.0228	81.2239	DLMU-2	1.4	2.0	8.6	1.39	0.23	6.04	1848.	58.	8.
1275	0000	-878	37.0228	81.2233	DLMU-2	1.4	1.8	8.4	1.32	0.22	6.04	1832.	58.	9.

CP 9 IP 12

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-878	37.0228	81.2228	DLMU-2	1.4	1.8	8.4	1.27	0.22	5.85	1829.	58.	9.
1277	0000	-877	37.0228	81.2221	DLMU-2	1.5	1.7 -	8.3	1.18 -	0.21	5.69	1814.	62.	9.
1278	0000	-877	37.0228	81.2216	DLMU-2	1.5	1.6 -	8.5	1.12 -	0.19 -	5.83	1845.	60.	9.
1279	0000	-879	37.0227	81.2210	DLMU-2	1.5	1.6 -	9.2	1.04 -	0.17 -	6.09	1879.	59.	8.
1280	0000	-878	37.0227	81.2204	DLMU-2	1.5	1.3 --	9.2	0.86 --	0.14 --	6.27	1838.	57.	9.
1281	0000	-880	37.0227	81.2198	DLMU-2	1.4	1.5 -	9.2 +	1.11 -	0.17 -	6.53	1853.	54.	8.
1282	0000	-881	37.0227	81.2192	DLMU-2	1.4	1.8	9.0	1.33	0.20 -	6.60	1854.	52.	7.
1283	0000	-878	37.0227	81.2186	DLMU-2	1.4	1.5 -	9.1	1.12 -	0.17 -	6.68	1828.	52.	7.
1284	0000	-879	37.0227	81.2180	DLMU-2	1.4	1.4 -	9.0	1.04 -	0.16 -	6.52	1832.	50.	6.
1285	0000	-879	37.0227	81.2175	DLMU-2	1.3	1.8	9.1	1.33	0.19 -	6.85	1802.	52.	5.
1286	0000	-876	37.0227	81.2168	DLMU-2	1.3	1.9	8.7	1.51	0.22	6.82	1771.	52.	5.
1287	0000	-876	37.0227	81.2162	DLMU-2	1.2	1.9	8.7	1.52	0.22	6.96	1762.	54.	5.
1288	0000	-877	37.0227	81.2157	DLMU-2	1.3	1.6 -	8.4	1.29	0.19 -	6.68	1744.	55.	6.
1289	0000	-876	37.0227	81.2151	DLMU-2	1.3	1.2 --	9.0	0.90 -	0.13 --	6.94	1753.	54.	7.
1290	0000	-876	37.0227	81.2145	DLMU-2	1.3	1.4 --	9.0	1.06 -	0.15 --	7.01	1809.	53.	9.
1291	0000	-877	37.0227	81.2139	DLMU-2	1.3	1.3 --	9.4 +	1.02 -	0.14 --	7.37	1834.	54.	11.
1292	0000	-876	37.0227	81.2133	DLMU-2	1.3	0.9 ---	9.1	0.66 --	0.10 ---	6.91	1844.	54.	13.
1293	0000	-874	37.0227	81.2127	DLMU-2	1.3	0.6 ---	9.3 +	0.46 ---	0.07 ---	6.94	1840.	53.	15.
1294	0000	-874	37.0227	81.2121	DLMU-2	1.3	0.7 ---	8.6	0.55 ---	0.09 ---	6.37	1819.	53.	16.
1295	0000	-874	37.0227	81.2115	DLMU-2	1.3	0.9 ---	8.4	0.68 --	0.11 ---	6.39	1816.	51.	15.
1296	0000	-872	37.0227	81.2109	DLMU-2	1.4	1.4 --	8.3	0.99 -	0.17 -	5.95	1832.	53.	13.
1297	0000	-872	37.0227	81.2104	DLMU-2	1.4	1.6 -	8.2	1.10 -	0.19 -	5.69	1843.	55.	12.
1298	0000	-874	37.0227	81.2098	DLMU-2	1.4	1.9	7.9	1.32	0.24	5.52	1837.	54.	9.
1299	0000	-872	37.0227	81.2092	DLMU-2	1.5	2.1	8.0	1.42	0.26	5.50	1840.	51.	6.
1300	0000	-870	37.0226	81.2086	DLMU-2	1.4	2.1	8.1	1.49	0.27	5.60	1826.	50.	4.
1301	0000	-872	37.0226	81.2080	DLMU-2	1.5	2.2	8.3	1.54	0.27	5.71	1843.	49.	2.
1302	0000	-874	37.0226	81.2074	DLMU-2	1.4	2.5	7.9	1.79	0.32	5.56	1814.	53.	1.
1303	0000	-873	37.0226	81.2068	DLMU-2	1.4	2.5	7.9	1.81	0.31	5.80	1772.	48.	1.
1304	0000	-873	37.0227	81.2062	DLMU-2	1.3	2.2	7.5 -	1.69	0.30	5.70	1695.	47.	0.
1305	0000	-873	37.0227	81.2056	DLMU-2	1.3	2.0	7.1 -	1.60	0.29	5.60	1621.	46.	0.
1306	0000	-872	37.0227	81.2051	DLMU-1	1.2 +	2.1 +	6.8 +	1.80 -	0.31	5.87 -	1544.	48.	0.
1307	0000	-872	37.0227	81.2044	DLMU-1	1.1 +	2.1 +	6.5 +	2.00	0.33	6.16	1492.	51.	0.
1308	0000	-872	37.0227	81.2039	DLMU-1	1.0 +	2.1 +	6.5 +	2.01	0.32	6.34	1442.	52.	0.
1309	0000	-871	37.0227	81.2033	DLMU-1	1.0 +	1.9	6.8 +	1.84 -	0.28	6.52	1442.	53.	1.
1310	0000	-872	37.0226	81.2027	DLMU-1	1.0 +	1.8	6.7 +	1.75 -	0.27	6.46	1463.	56.	2.
1311	0000	-874	37.0226	81.2021	STC-2	1.0 +	1.9	7.1 +	1.88	0.27	6.87 -	1474.	58.	3.
1312	0000	-875	37.0226	81.2015	STC-2	1.0 +	1.8	7.2 +	1.71 -	0.25	6.92 -	1477.	60.	5.
1313	0000	-873	37.0226	81.2009	STC-2	1.0 +	1.8	7.2 +	1.76	0.26	6.89 -	1482.	60.	5.
1314	0000	-870	37.0226	81.2003	STC-2	1.0 +	1.9	7.2 +	1.85	0.27	6.91 -	1492.	60.	4.
1315	0000	-872	37.0226	81.1998	STC-2	1.0 +	1.8	6.8 +	1.80	0.27	6.74 -	1475.	62.	5.
1316	0000	-874	37.0226	81.1991	STC-2	1.0 +	1.8	6.5	1.80	0.27	6.64 -	1428.	61.	5.
1317	0000	-873	37.0226	81.1985	STC-2	0.9 +	1.7	6.0	1.80	0.28	6.42 -	1339.	62.	3.
1318	0000	-873	37.0226	81.1980	STC-2	0.9 +	1.7	5.1	1.95	0.34	5.81 -	1260.	60.	3.
1319	0000	-873	37.0226	81.1974	STC-2	0.8	1.8	4.9	2.33	0.38 +	6.18 -	1200.	56.	1.
1320	0000	-872	37.0226	81.1968	STC-2	0.7	1.7	4.5	2.44	0.38 +	6.39 -	1113.	57.	1.
1321	0000	-872	37.0226	81.1962	STC-1	0.7 +++	1.5 +	3.8 +	2.34 -	0.40	5.80 --	1021.	57.	1.
1322	0000	-872	37.02[illegible]	81.1956	STC-1	0.6 ++	1.5 +	3.6 +	2.62 -	0.42	6.30 --	943.	53.	1.
1323	0000	-872	37.0226	81.1950	STC-1	0.5 ++	1.3	3.3	2.47 -	0.38	6.42 --	859.	52.	1.
1324	0000	-872	37.0227	81.1944	STC-1	0.4 +	1.2	3.2	3.02	0.39	7.75 -	788.	51.	2.
1325	0000	-871	37.0227	81.1938	STC-1	0.3 +	1.1	3.2	3.34	0.34	9.80	725.	52.	2.
1326	0000	-870	37.0227	81.1932	STC-1	0.3	1.0	2.7	3.91	0.38	10.21	677.	55.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-871	37.0227	81.1926	STC-1	0.3	1.0	2.9	3.74	0.33	11.36	662.	52.	2.
1328	0000	-871	37.0227	81.1919	STC-1	0.2	0.9	2.8	3.75	0.32	11.67	653.	55.	3.
1329	0000	-871	37.0227	81.1914	STC-1	0.2	0.8	2.8	3.33	0.29	11.58	645.	57.	4.
1330	0000	-874	37.0227	81.1908	OMUU	0.2 -	0.9 -	2.9 -	3.79	0.29	12.87 +	653.	59.	3.
1331	0000	-875	37.0228	81.1902	OMUU	0.2 -	0.9 -	2.8 -	4.34 +	0.33	13.11 +	664.	60.	3.
1332	0000	-873	37.0228	81.1895	OMUU	0.2 -	1.0 -	3.2 -	5.28 +	0.31	17.17 +	698.	59.	3.
1333	0000	-872	37.0228	81.1889	OMUU	0.2 -	1.0 -	3.5 -	4.86 +	0.28	17.37 +	715.	60.	4.
1334	0000	-872	37.0228	81.1884	OMUU	0.2 -	1.0 -	3.5 -	4.64 +	0.27	17.11 +	734.	61.	5.
1335	0000	-872	37.0228	81.1877	OMUU	0.2 -	1.1	4.2	5.47 +	0.25	21.63 ++	771.	61.	5.
1336	0000	-874	37.0228	81.1871	OMUU	0.2 -	1.2	4.4	6.49 +	0.28	23.38 ++	812.	61.	4.
1337	0000	-873	37.0228	81.1865	OMUU	0.2 -	1.2	4.7	5.85 +	0.26	22.39 ++	843.	61.	5.
1338	0000	-872	37.0229	81.1859	OMUU	0.2 -	1.3	5.1	5.21 +	0.25	21.09 ++	870.	63.	4.
1339	0000	-871	37.0229	81.1853	OMUU	0.3 -	1.3	5.3	5.15 +	0.25	20.65 ++	894.	66.	4.
1340	0000	-871	37.0229	81.1847	OMUU	0.3 -	1.4	5.7	5.21 +	0.24	21.80 ++	925.	64.	3.
1341	0000	-870	37.0230	81.1841	OMUU	0.3 -	1.5	5.9	5.57 +	0.25	22.29 ++	943.	65.	2.
1342	0000	-872	37.0230	81.1835	OMUU	0.3 -	1.7	6.0	6.65 +	0.28	23.77 ++	948.	65.	1.
1343	0000	-872	37.0230	81.1829	OMUU	0.3 -	1.7	6.2	6.47 +	0.27	23.88 ++	949.	65.	1.
1344	0000	-871	37.0230	81.1823	OMUU	0.2 -	1.9	6.1	8.20 ++	0.31	26.65 +++	948.	64.	0.
1345	0000	-871	37.0230	81.1817	OMUU	0.3 -	1.9	5.6	7.51 ++	0.34	21.79 ++	930.	61.	0.
1346	0000	-872	37.0230	81.1811	OMUU	0.2 -	2.1 +	5.4	9.01 ++	0.39 +	22.96 ++	924.	59.	0.
1347	0000	-873	37.0230	81.1805	OMUU	0.2 -	2.1 +	4.9	10.34 ++	0.44 +	23.66 ++	898.	59.	0.
1348	0000	-871	37.0231	81.1799	OMUU	0.2 -	2.0 +	4.7	8.70 ++	0.43 +	20.18 ++	885.	62.	0.
1349	0000	-870	37.0231	81.1793	OMUU	0.2 -	2.0 +	4.2	8.12 ++	0.47 +	17.28 +	868.	60.	1.
1350	0000	-872	37.0231	81.1787	OMUU	0.2 -	1.9	4.3	8.52 ++	0.44 +	19.50 ++	871.	61.	1.
1351	0000	-872	37.0231	81.1780	OMUU	0.2 -	1.7	4.3	8.21 ++	0.40 +	20.63 ++	874.	62.	1.
1352	0000	-870	37.0231	81.1775	OMUU	0.2 -	1.7	4.8	8.92 ++	0.36	24.79 ++	898.	65.	1.
1353	0000	-871	37.0231	81.1769	OMUU	0.2 -	1.6	4.8	7.33 ++	0.33	22.23 ++	883.	66.	1.
1354	0000	-872	37.0231	81.1763	OMUU	0.2 -	1.5	5.1	5.91 +	0.29	20.66 ++	891.	65.	1.
1355	0000	-871	37.0232	81.1757	OMUU	0.2 -	1.6	5.2	7.53 ++	0.30	25.06 ++	892.	63.	1.
1356	0000	-871	37.0232	81.1750	OMUU	0.2 -	1.3	5.4	5.77 +	0.23	24.70 ++	887.	64.	1.
1357	0000	-871	37.0232	81.1745	OMUU	0.2 -	1.3	4.9	5.78 +	0.27	21.44 ++	863.	65.	1.
1358	0000	-871	37.0232	81.1738	OMUU	0.2 -	1.4	4.9	6.35 +	0.29	21.82 ++	854.	63.	1.
1359	0000	-871	37.0233	81.1732	OMUU	0.2 --	1.5	4.5	7.96 ++	0.32	24.64 ++	829.	61.	1.
1360	0000	-872	37.0233	81.1727	OMUU	0.2 --	1.3	4.3	7.26 ++	0.31	23.66 ++	805.	61.	2.
1361	0000	-871	37.0233	81.1720	OMUU	0.2 --	1.2	4.1	6.91 ++	0.30	23.16 ++	790.	64.	3.
1362	0000	-871	37.0233	81.1715	OMUU	0.2 -	1.2	3.8	5.40 +	0.31	17.30 +	771.	66.	4.
1363	0000	-872	37.0233	81.1708	OMUU	0.2 -	1.2	3.7 -	5.62 +	0.33	17.26 +	756.	67.	4.
1364	0000	-872	37.0233	81.1702	OMUU	0.2 -	1.2	3.7 -	5.60 +	0.31	18.18 ++	735.	66.	4.
1365	0000	-869	37.0233	81.1696	OMUU	0.2 -	1.1	3.6 -	5.03 +	0.30	16.72 +	697.	68.	4.
1366	0000	-870	37.0234	81.1690	OMUU	0.2 -	0.9 -	3.3 -	4.04 +	0.27	14.71 +	667.	71.	4.
1367	0000	-872	37.0234	81.1685	OMUU	0.2 -	1.0 -	3.1 -	4.16 +	0.31	13.62 +	660.	70.	2.
1368	0000	-871	37.0234	81.1678	OMUU	0.2 -	0.9 -	2.8 -	3.56	0.30	11.68	634.	69.	2.
1369	0000	-871	37.0234	81.1672	OMUU	0.2 -	0.9 -	3.1 -	4.63 +	0.29	15.90 +	636.	68.	1.
1370	0000	-871	37.0234	81.1666	OMUU	0.2 --	1.2	2.8 -	6.49 +	0.41 +	15.69 +	620.	71.	0.
1371	0000	-871	37.0234	81.1660	OMUU	0.2 -	1.0	2.7 -	5.46 +	0.38 +	14.42 +	617.	68.	1.
1372	0000	-871	37.0235	81.1655	OMUU	0.2 -	1.0 -	2.7 -	5.15 +	0.37	13.78 +	617.	69.	1.
1373	0000	-870	37.0235	81.1648	OMUU	0.2 -	1.1	2.9 -	5.65 +	0.39 +	14.66 +	612.	67.	0.
1374	0000	-872	37.0235	81.1642	OMUU	0.2 -	1.1	2.8 -	5.66 +	0.39 +	14.40 +	595.	70.	0.
1375	0000	-872	37.0235	81.1635	OMUU	0.2 --	1.3	2.8 -	7.27 ++	0.46 +	15.68 +	583.	69.	0.
1376	0000	-870	37.0235	81.1630	OMUU	0.2 --	1.3	2.5 -	7.83 ++	0.53 +	14.78 +	555.	70.	0.
1377	0000	-869	37.0236	81.1623	OMUU	0.2 --	1.2	2.5 -	7.55 ++	0.50 +	14.97 +	549.	66.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-870	37.0236	81.1618	OMUU	0.2 --	1.3	2.2 -	8.86 ++	0.60 ++	14.70 +	533.	70.	0.
1379	0000	-870	37.0236	81.1612	OMUU	0.1 --	1.3	2.0 -	10.16 ++	0.63 ++	16.16 +	509.	67.	1.
1380	0000	-870	37.0236	81.1605	OMUU	0.1 --	1.1	1.9 -	7.14 ++	0.54 ++	13.12 +	505.	67.	1.
1381	0000	-869	37.0236	81.1600	OMUU	0.1 --	0.9 -	1.9 --	6.86 ++	0.51 +	13.48 +	503.	65.	2.
1382	0000	-868	37.0236	81.1593	OMUU	0.1 --	1.0 -	1.9 --	6.98 ++	0.51 +	13.81 +	510.	66.	2.
1383	0000	-869	37.0237	81.1588	OMUU	0.2 --	0.9 -	1.8 --	5.74 +	0.48 +	11.95	509.	66.	3.
1384	0000	-869	37.0237	81.1581	OMUU	0.2 --	0.8 -	1.7 --	4.71 +	0.46 +	10.33	507.	68.	3.
1385	0000	-868	37.0237	81.1575	OMUU	0.2 --	0.8 -	1.7 --	5.16 +	0.47 +	10.94	521.	67.	4.
1386	0000	-869	37.0237	81.1570	OMUU	0.2 -	0.9 -	1.9 --	4.38 +	0.46 +	9.51	552.	66.	5.
1387	0000	-868	37.0237	81.1563	OMUU	0.2 -	1.0 -	1.7 --	5.19 +	0.56 ++	9.20	556.	66.	5.
1388	0000	-867	37.0237	81.1557	OMUU	0.2 -	1.0	1.9 -	5.27 +	0.54 ++	9.83	563.	65.	4.
1389	0000	-868	37.0237	81.1551	OMUU	0.2 -	0.9 -	1.8 --	4.33 +	0.50 +	8.63	569.	67.	5.
1390	0000	-867	37.0238	81.1545	OMUU	0.2 -	0.8 -	2.2 -	4.26 +	0.36	11.74	592.	64.	6.
1391	0000	-866	37.0238	81.1539	OMUU	0.2 -	0.9 -	2.8 -	4.21 +	0.31	13.46 +	618.	63.	5.
1392	0000	-865	37.0238	81.1533	OMUU	0.2 -	0.9 -	3.2 -	3.84	0.27	14.36 +	641.	63.	4.
1393	0000	-865	37.0238	81.1527	STC-1	0.2	0.8	3.2	3.54	0.25	14.04	658.	67.	4.
1394	0000	-867	37.0238	81.1521	STC-1	0.2	1.0	3.8 +	4.11	0.25	16.31	708.	65.	3.
1395	0000	-868	37.0238	81.1515	STC-2	0.3	1.0	4.2 -	3.36	0.24	14.00	759.	64.	3.
1396	0000	-866	37.0239	81.1508	STC-2	0.3	1.1	4.4	3.86	0.25	15.54	785.	61.	2.
1397	0000	-865	37.0239	81.1503	STC-1	0.3	1.2	4.0 +	3.79	0.30	12.71	787.	62.	2.
1398	0000	-865	37.0239	81.1497	STC-1	0.3	1.3	3.8 +	4.67	0.37	12.62	783.	61.	2.
1399	0000	-864	37.0239	81.1490	STC-1	0.3	1.2	3.4	4.15	0.35	11.87	763.	61.	3.
1400	0000	-865	37.0240	81.1485	STC-1	0.3	1.3	3.6	5.06	0.37	13.60	763.	57.	3.
1401	0000	-865	37.0240	81.1479	STC-1	0.3	1.3	3.4	5.12	0.37	13.68	732.	59.	3.
1402	0000	-863	37.0240	81.1473	STC-1	0.2	1.4	3.4	7.30 +	0.40	18.25 +	705.	59.	4.
1403	0000	-863	37.0240	81.1467	STC-1	0.2	1.3	3.3	7.23 +	0.40	18.15 +	685.	61.	4.
1404	0000	-863	37.0240	81.1460	STC-1	0.2	1.2	3.7 +	6.23	0.32	19.56 +	687.	61.	5.
1405	0000	-863	37.0240	81.1455	STC-1	0.2	0.9	3.6 +	3.66	0.24 -	15.46	685.	60.	6.
1406	0000	-865	37.0240	81.1449	STC-1	0.2	0.9	3.8 +	3.92	0.25 -	15.81	699.	62.	6.
1407	0000	-865	37.0241	81.1443	STC-1	0.3	0.8	3.8 +	3.15	0.21 -	14.78	707.	60.	6.
1408	0000	-864	37.0241	81.1437	STC-1	0.3	0.9	3.7 +	3.56	0.25 -	14.43	732.	60.	6.
1409	0000	-863	37.0241	81.1431	STC-1	0.3	0.8	3.6 +	2.93	0.23 -	12.91	758.	60.	5.
1410	0000	-863	37.0241	81.1424	STC-1	0.3	1.1	3.9 +	3.78	0.28	13.31	828.	56.	5.
1411	0000	-864	37.0242	81.1419	STC-2	0.3	1.7	4.2 -	5.73 +	0.40 +	14.48	874.	57.	4.
1412	0000	-864	37.0242	81.1413	STC-2	0.3	1.6	4.7	5.15 +	0.35	14.60	943.	58.	2.
1413	0000	-864	37.0242	81.1407	STC-2	0.4	1.6	5.0	4.44	0.33	13.62	990.	56.	3.
1414	0000	-863	37.0242	81.1400	STC-2	0.4	1.7	4.7	4.32	0.37 +	11.76	1015.	57.	3.
1415	0000	-862	37.0242	81.1394	STC-2	0.4	1.7	4.9	4.25	0.35	12.25	1030.	58.	4.
1416	0000	-863	37.0242	81.1389	STC-2	0.4	1.7	5.1	4.10	0.33	12.36	1038.	59.	4.
1417	0000	-864	37.0242	81.1382	STC-2	0.4	1.5	5.1	3.51	0.28	12.39	1024.	62.	5.
1418	0000	-862	37.0243	81.1376	STC-2	0.5	1.1	5.1	2.32	0.22	10.69	1037.	60.	6.
1419	0000	-862	37.0243	81.1370	STC-2	0.5	1.3	5.2	2.74	0.25	10.97	1044.	60.	6.
1420	0000	-863	37.0243	81.1364	STC-2	0.5	1.6	5.1	3.13	0.31	10.10	1072.	60.	6.
1421	0000	-863	37.0244	81.1358	STC-2	0.5	1.5	5.6	2.89	0.27	10.65	1109.	60.	5.
1422	0000	-861	37.0244	81.1352	STC-2	0.6	1.5	5.8	2.40	0.26	9.09	1164.	58.	4.
1423	0000	-860	37.0244	81.1346	STC-2	0.7	1.6	5.8	2.23	0.27	8.19	1221.	58.	4.
1424	0000	-860	37.0244	81.1340	STC-2	0.8	1.6	6.1	2.02	0.27	7.50	1285.	55.	3.
1425	0000	-861	37.0244	81.1334	STC-2	0.9 +	1.7	6.2	1.89	0.27	6.92 -	1348.	56.	2.
1426	0000	-861	37.0244	81.1328	STC-2	1.0 +	1.8	6.8 +	1.77	0.26	6.86 -	1446.	53.	1.
1427	0000	-860	37.0244	81.1322	STC-2	1.1 +	1.6	7.6 +	1.53 -	0.22	7.08 -	1529.	53.	1.
1428	0000	-860	37.0245	81.1316	STC-2	1.2 +	1.8	8.0 +	1.59 -	0.23	6.93 -	1637.	53.	1.

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-860	37.0245	81.1310	STC-2	1.2 +	1.8	8.6 ++	1.47 -	0.21	6.88 -	1731.	52.	1.
1430	0000	-860	37.0245	81.1304	STC-2	1.3 +	2.0	9.3 ++	1.52 -	0.21	7.09 -	1819.	51.	0.
1431	0000	-861	37.0245	81.1298	STC-2	1.4 +	2.0	9.7 ++	1.45 -	0.21	7.06 -	1864.	53.	1.
1432	0000	-862	37.0245	81.1292	STC-2	1.4 +	2.0 +	10.1 ++	1.43 -	0.20	7.17 -	1910.	51.	1.
1433	0000	-863	37.0245	81.1286	DLMU-2	1.4	2.0	9.5 +	1.39	0.21	6.68	1876.	54.	2.
1434	0000	-860	37.0245	81.1280	DLMU-2	1.4	2.1	8.8	1.51	0.23	6.45	1831.	53.	2.
1435	0000	-859	37.0246	81.1274	DLMU-2	1.3	1.9	8.3	1.46	0.23	6.25	1757.	52.	3.
1436	0000	-861	37.0246	81.1267	DLMU-2	1.2	2.0	8.0	1.65	0.25	6.54	1698.	51.	3.
1437	0000	-862	37.0246	81.1262	DLMU-2	1.2	1.8	7.8	1.47	0.23	6.45	1647.	53.	4.
1438	0000	-860	37.0246	81.1255	DLMU-2	1.2	1.8	7.3 -	1.57	0.25	6.22	1644.	53.	4.
1439	0000	-861	37.0246	81.1249	DLMU-2	1.1	2.0	7.2 -	1.81	0.28	6.38	1635.	54.	4.
1440	0000	-862	37.0246	81.1244	DLMU-2	1.1	2.0	7.7	1.82	0.26	6.99	1656.	55.	4.
1441	0000	-861	37.0246	81.1237	DLMU-2	1.2	2.0	7.9	1.67	0.25	6.75	1710.	56.	4.
1442	0000	-862	37.0247	81.1232	DLMU-2	1.2	2.1	8.6	1.69	0.24	7.05	1781.	58.	3.
1443	0000	-860	37.0247	81.1225	DLMU-2	1.3	2.1	8.7	1.56	0.24	6.59	1828.	61.	3.
1444	0000	-859	37.0247	81.1219	DLMU-2	1.3	2.2	8.8	1.65	0.25	6.57	1870.	60.	2.
1445	0000	-859	37.0248	81.1214	DLMU-2	1.3	2.2	9.2 +	1.70	0.24	7.05	1875.	61.	1.
1446	0000	-860	37.0248	81.1207	DLMU-2	1.3	2.1	9.4 +	1.58	0.22	7.13	1849.	62.	1.
1447	0000	-862	37.0248	81.1202	DLMU-2	1.3	2.2	8.9	1.74	0.25	6.94	1818.	61.	1.
1448	0000	-861	37.0248	81.1195	DLMU-2	1.2	2.2	9.1	1.75	0.24	7.42	1786.	60.	1.
1449	0000	-858	37.0248	81.1189	DLMU-2	1.2	2.2	8.6	1.80	0.25	7.08	1760.	60.	1.
1450	0000	-859	37.0248	81.1183	DLMU-2	1.2	2.0	8.9	1.67	0.22	7.42	1757.	61.	2.
1451	0000	-861	37.0248	81.1177	DLMU-2	1.2	2.1	8.7	1.77	0.24	7.45	1754.	61.	3.
1452	0000	-862	37.0249	81.1172	DLMU-2	1.2	2.0	8.9	1.65	0.23	7.35	1752.	59.	3.
1453	0000	-863	37.0249	81.1165	DLMU-2	1.2	2.1	8.7	1.81	0.25	7.33	1765.	59.	3.
1454	0000	-862	37.0249	81.1159	DLMU-2	1.2	2.0	9.3 +	1.72	0.22	7.80	1775.	57.	3.
1455	0000	-860	37.0249	81.1152	DLMU-2	1.2	2.1	9.5 +	1.78	0.22	8.09	1781.	59.	3.
1456	0000	-860	37.0249	81.1147	DLMU-2	1.2	1.9	9.8 +	1.62	0.20 -	8.18 +	1783.	58.	3.
1457	0000	-860	37.0249	81.1141	DLMU-2	1.1	2.2	9.6 +	1.97	0.23	8.69 +	1750.	57.	2.
1458	0000	-859	37.0249	81.1135	DB-2	1.1	2.1	9.4	1.89	0.23	8.38	1737.	58.	1.
1459	0000	-860	37.0250	81.1129	DB-2	1.1	2.2	9.4	2.05	0.24	8.59	1753.	61.	2.
1460	0000	-861	37.0250	81.1122	DB-2	1.1	2.1	9.8 +	1.88	0.22	8.57	1785.	62.	2.
1461	0000	-861	37.0250	81.1117	DB-2	1.2	2.2	9.5	1.93	0.23	8.21	1804.	63.	2.
1462	0000	-861	37.0250	81.1110	DB-2	1.2	2.4	9.1	1.93	0.26	7.36	1809.	62.	1.
1463	0000	-861	37.0251	81.1105	DB-2	1.2	2.4	9.2	1.96	0.26	7.65	1818.	60.	1.
1464	0000	-862	37.0251	81.1099	DB-2	1.3	2.2	8.9	1.68	0.24	6.90	1838.	59.	1.
1465	0000	-863	37.0251	81.1092	DB-2	1.4	2.2	9.1	1.65	0.25	6.72	1881.	60.	1.
1466	0000	-861	37.0251	81.1087	DB-2	1.5	2.5	9.2	1.70	0.27	6.27	1938.	56.	0.
1467	0000	-860	37.0251	81.1080	DB-2	1.6 +	2.7 +	9.5	1.68	0.29	5.87	2049.	55.	0.
1468	0000	-860	37.0251	81.1074	DB-2	1.8 +	2.8 +	10.1 +	1.57	0.28	5.70	2129.	55.	0.
1469	0000	-860	37.0251	81.1069	DB-2	1.8 +	2.8 +	10.4 +	1.56	0.27	5.88	2166.	55.	0.
1470	0000	-861	37.0251	81.1062	DB-2	1.8 +	2.9 +	10.0 +	1.62	0.29	5.63	2160.	57.	1.
1471	0000	-861	37.0251	81.1056	DB-2	1.7 +	3.0 +	10.2 +	1.74	0.30	5.90	2157.	58.	1.
1472	0000	-862	37.0251	81.1050	DB-2	1.6 +	3.0 +	10.0 +	1.88	0.30	6.23	2084.	58.	1.
1473	0000	-862	37.0251	81.1044	DB-2	1.4	2.9 +	9.5	2.01	0.31	6.58	1978.	60.	1.
1474	0000	-860	37.0251	81.1038	DB-2	1.2	2.6	9.0	2.23	0.29	7.67	1796.	60.	2.
1475	0000	-861	37.0251	81.1032	DB-2	1.0	2.5	8.6	2.55	0.29	8.93	1662.	58.	2.
1476	0000	-862	37.0250	81.1026	DB-2	0.8	2.4	8.0	2.86 +	0.30	9.45	1570.	57.	3.
1477	0000	-860	37.0250	81.1019	DB-2	0.7 -	2.4	8.2	3.23 +	0.29	11.16 +	1503.	56.	2.
1478	0000	-861	37.0250	81.1013	DB-2	0.7 -	2.3	7.9	3.45 +	0.29	12.03 +	1441.	56.	2.
1479	0000	-861	37.0249	81.1007	DB-2	0.6 -	2.2	8.0	3.81 +	0.28	13.74 ++	1393.	57.	2.

CP9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-861	37.0249	81.1001	DB-2	0.6 -	2.0	7.9	3.44 +	0.25	13.63 ++	1348.	60.	2.
1481	0000	-863	37.0249	81.0995	DB-2	0.6 -	2.0	7.7	3.46 +	0.26	13.29 ++	1345.	65.	2.
1482	0000	-862	37.0249	81.0988	DB-2	0.6 -	2.0	7.4	3.32 +	0.27	12.07 +	1367.	65.	1.
1483	0000	-859	37.0249	81.0983	DB-2	0.6 -	2.0	7.5	3.30 +	0.27	12.18 +	1395.	66.	1.
1484	0000	-859	37.0249	81.0977	DB-2	0.6 -	2.0	7.7	3.23 +	0.26	12.26 +	1420.	65.	1.
1485	0000	-861	37.0248	81.0970	DB-2	0.6 -	2.0	8.2	3.15 +	0.24	13.07 ++	1438.	65.	0.
1486	0000	-862	37.0248	81.0964	DB-2	0.7 -	2.1	7.8	2.92 +	0.26	11.10 +	1474.	65.	0.
1487	0000	-861	37.0248	81.0958	DB-2	0.7 -	2.1	8.2	2.89 +	0.26	11.24 +	1504.	61.	0.
1488	0000	-861	37.0248	81.0952	DB-2	0.8 -	2.0	8.3	2.67	0.24	11.01 +	1493.	59.	0.
1489	0000	-860	37.0248	81.0945	DB-2	0.7 -	2.0	8.4	2.92 +	0.24	12.04 +	1455.	61.	0.
1490	0000	-860	37.0248	81.0940	DB-2	0.7 -	2.1	8.5	2.85 +	0.24	11.86 +	1433.	62.	0.
1491	0000	-860	37.0248	81.0933	DB-2	0.7 -	2.1	9.0	2.90 +	0.23	12.58 +	1437.	62.	0.
1492	0000	-860	37.0247	81.0928	DB-2	0.7 -	2.1	9.1	2.81 +	0.23	12.36 +	1468.	59.	0.
1493	0000	-861	37.0247	81.0921	DB-2	0.7 -	2.1	10.2 +	2.88 +	0.20	14.11 ++	1524.	57.	0.
1494	0000	-862	37.0247	81.0915	DB-2	0.7 -	2.3	10.9 +	3.10 +	0.21	14.99 ++	1608.	58.	0.
1495	0000	-863	37.0247	81.0909	DB-2	0.7 -	2.5	11.3 ++	3.57 +	0.23	15.86 ++	1707.	58.	0.
1496	0000	-862	37.0247	81.0903	DB-2	0.8 -	2.6	11.4 ++	3.40 +	0.22	15.18 ++	1773.	57.	0.
1497	0000	-862	37.0247	81.0897	DB-2	0.7 -	2.8 +	11.7 ++	4.25 ++	0.24	17.72 +++	1802.	57.	0.
1498	0000	-864	37.0246	81.0890	DB-2	0.7 -	2.8 +	10.8 +	4.23 ++	0.26	16.14 ++	1788.	57.	0.
1499	0000	-864	37.0246	81.0885	DB-2	0.7 -	2.9 +	10.4 +	4.46 ++	0.28	15.89 ++	1761.	58.	1.
1500	0000	-862	37.0246	81.0878	DB-2	0.6 -	2.9 +	10.0 +	4.61 ++	0.29	16.09 ++	1703.	57.	1.
1501	0000	-861	37.0246	81.0873	DCH	0.6	2.6	9.2	4.20 +	0.28	14.90 +	1644.	57.	2.
1502	0000	-864	37.0246	81.0866	DCH	0.7	2.3	8.9	3.33	0.25	13.09 +	1570.	57.	3.
1503	0000	-865	37.0246	81.0860	DCH	0.7	2.4	8.9	3.35	0.27	12.49	1555.	57.	3.
1504	0000	-864	37.0246	81.0854	DCH	0.9	2.3	8.6	2.62	0.27	9.70	1596.	56.	3.
1505	0000	-865	37.0245	81.0847	DCH	1.0	2.4	8.9	2.43	0.27	8.97	1673.	57.	3.
1506	0000	-866	37.0245	81.0842	DCH	1.1	2.4	8.9	2.27	0.27	8.37	1729.	56.	3.
1507	0000	-866	37.0245	81.0835	DCH	1.2	2.6	8.3	2.25	0.32	7.11	1776.	56.	4.
1508	0000	-865	37.0244	81.0829	DCH	1.2	3.0 +	8.3	2.44	0.36 +	6.75	1820.	57.	3.
1509	0000	-864	37.0244	81.0823	DCH	1.3	3.3 +	8.0	2.66	0.42 +	6.38	1857.	55.	3.
1510	0000	-863	37.0244	81.0817	DCH	1.2	3.3 +	7.6	2.67	0.44 ++	6.12 -	1872.	54.	3.
1511	0000	-864	37.0244	81.0811	DCH	1.3	3.2 +	7.4	2.52	0.42 ++	5.94 -	1839.	53.	3.
1512	0000	-865	37.0244	81.0804	DCH	1.2	3.0 +	7.1	2.42	0.42 +	5.70 -	1788.	54.	3.
1513	0000	-863	37.0244	81.0798	DCH	1.3	3.1 +	6.9	2.42	0.45 ++	5.36 -	1773.	56.	3.
1514	0000	-864	37.0243	81.0792	DCH	1.4 +	2.8 +	7.3	2.05	0.38 +	5.34 -	1777.	56.	3.
1515	0000	-868	37.0243	81.0786	DCH	1.4 +	2.6	7.2	1.86	0.36 +	5.20 -	1751.	57.	3.
1516	0000	-867	37.0243	81.0780	DCH	1.4 +	2.4	7.2	1.78	0.34 +	5.25 -	1731.	57.	2.
1517	0000	-865	37.0243	81.0774	DCH	1.4 +	2.1	7.5	1.50	0.29	5.23 -	1715.	56.	2.
1518	0000	-865	37.0243	81.0768	DCH	1.4 +	2.0	8.0	1.46 -	0.25	5.80 -	1694.	58.	2.
1519	0000	-864	37.0243	81.0762	DCH	1.3	2.1	8.0	1.57	0.26	6.12 -	1668.	59.	2.
1520	0000	-865	37.0243	81.0756	DCH	1.2	2.1	7.7	1.70	0.28	6.17	1616.	60.	1.
1521	0000	-868	37.0242	81.0749	DCH	1.2	2.2	7.4	1.85	0.29	6.31	1555.	62.	1.
1522	0000	-865	37.0242	81.0743	DCH	1.2	2.0	6.9	1.69	0.29	5.88 -	1477.	60.	1.
1523	0000	-864	37.0242	81.0737	DCH	1.2	1.7	6.4	1.41 -	0.27	5.29 -	1415.	59.	2.
1524	0000	-867	37.0242	81.0731	DCH	1.2	1.6	5.7	1.40 -	0.29	4.88 -	1321.	60.	1.
1525	0000	-865	37.0242	81.0725	DCH	1.1	1.6	4.7 -	1.43 -	0.34 +	4.14 --	1241.	60.	2.
1526	0000	-864	37.0242	81.0719	DCH	1.2	1.3 -	4.5 -	1.16 -	0.30	3.90 --	1184.	58.	2.
1527	0000	-866	37.0241	81.0712	DCH	1.1	1.2 -	4.1 -	1.14 -	0.29	3.87 --	1128.	55.	3.
1528	0000	-865	37.0241	81.0707	DCH	0.9	1.2 -	3.6 -	1.26 -	0.33 +	3.81 --	1058.	55.	4.
1529	0000	-864	37.0241	81.0701	DCH	0.8	1.2 -	3.7 -	1.51	0.33 +	4.56 -	1028.	53.	5.
1530	0000	-865	37.0240	81.0694	DCH	0.7	1.4 -	4.0 -	2.04	0.34 +	5.94 -	993.	55.	5.

CP 9 LP 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-866	37.0240	81.0688	DCH	0.6 -	1.5	4.2 -	2.55	0.34 +	7.43	990.	54.	5.
1532	0000	-865	37.0240	81.0682	DCH	0.5 -	1.7	4.7 -	3.53 +	0.36 +	9.74	1012.	52.	5.
1533	0000	-865	37.0240	81.0676	DCH	0.4 -	2.1	4.5 -	5.82 ++	0.47 ++	12.44	1018.	53.	4.
1534	0000	-865	37.0240	81.0669	DCH	0.4 -	1.9	5.2 -	4.96 +	0.37 +	13.35 +	1039.	55.	3.
1535	0000	-865	37.0240	81.0664	DCH	0.4 -	2.0	5.3 -	4.98 +	0.39 +	12.92 +	1063.	55.	3.
1536	0000	-865	37.0239	81.0657	DCH	0.5 -	2.1	5.1 -	4.64 +	0.41 +	11.23	1061.	58.	2.
1537	0000	-866	37.0239	81.0652	DCH	0.5 -	2.1	4.8 -	4.53 +	0.42 ++	10.65	1062.	56.	2.
1538	0000	-866	37.0239	81.0645	MPR-1	0.5 -	2.1	4.6 -	4.39 +	0.45 +	9.78	1057.	58.	1.
1539	0000	-865	37.0239	81.0639	MPR-1	0.5 -	1.8	4.4 -	3.71 +	0.42 +	8.82	1022.	57.	2.
1540	0000	-865	37.0239	81.0633	MPR-1	0.5 -	1.5	4.2 -	2.84	0.35	8.06	976.	57.	3.
1541	0000	-866	37.0239	81.0627	MPR-1	0.5 -	1.5	3.7 -	3.16	0.41 +	7.63	928.	57.	4.
1542	0000	-866	37.0239	81.0621	MPR-1	0.4 -	1.3	3.7 -	3.04	0.37 +	8.26	895.	57.	4.
1543	0000	-866	37.0238	81.0614	MPR-1	0.4 -	1.4	3.6 -	3.65 +	0.39 +	9.35	871.	56.	4.
1544	0000	-865	37.0238	81.0609	MPR-1	0.4 -	1.4	3.7 -	3.79 +	0.39 +	9.73	852.	57.	4.
1545	0000	-866	37.0238	81.0602	MPR-1	0.3 -	1.5	3.6 -	4.33 +	0.42 +	10.43	832.	55.	4.
1546	0000	-866	37.0237	81.0596	MPR-1	0.3 -	1.5	3.6 -	4.22 +	0.41 +	10.22	820.	56.	4.
1547	0000	-866	37.0237	81.0590	MPR-1	0.3 -	1.7	3.6 -	4.93 +	0.47 +	10.54	816.	57.	3.
1548	0000	-867	37.0237	81.0583	MPR-1	0.3 --	2.0	3.5 -	6.45 ++	0.56 ++	11.62	816.	56.	2.
1549	0000	-868	37.0237	81.0577	MPR-1	0.3 --	2.0	3.5 -	6.36 ++	0.58 ++	10.91	812.	58.	2.
1550	0000	-867	37.0237	81.0572	MPR-1	0.3 --	2.0	3.7 -	6.58 ++	0.56 ++	11.78	825.	58.	1.
1551	0000	-866	37.0237	81.0565	MPR-1	0.3 --	2.1	3.5 -	6.68 ++	0.60 ++	11.15	843.	57.	2.
1552	0000	-866	37.0236	81.0559	MPR-1	0.3 -	2.0	3.6 -	6.09 ++	0.56 ++	10.81	858.	57.	3.
1553	0000	-868	37.0236	81.0554	MPR-1	0.3 -	2.1	3.4 -	6.34 ++	0.62 ++	10.30	873.	58.	2.
1554	0000	-867	37.0236	81.0547	CN	0.4 -	1.9	3.6 -	5.41 +	0.53 +	10.18 +	883.	58.	2.
1555	0000	-866	37.0236	81.0540	CN	0.4 -	1.9	3.6 -	4.52 +	0.52 +	8.69	896.	57.	2.
1556	0000	-867	37.0236	81.0535	CN	0.4 -	1.9	3.9	4.46 +	0.48	9.28 +	931.	53.	2.
1557	0000	-866	37.0236	81.0528	CN	0.5 -	2.0	4.1	4.20 +	0.48	8.76	970.	51.	2.
1558	0000	-864	37.0236	81.0522	CN	0.5	2.2	4.2	4.48 +	0.51 +	8.80	994.	52.	2.
1559	0000	-866	37.0235	81.0516	CN	0.5	2.4	4.3	4.70 +	0.55 +	8.50	1038.	51.	1.
1560	0000	-867	37.0235	81.0510	CCR-1	0.5	2.5 +	4.5	4.62 +	0.56 +	8.24	1081.	50.	1.
1561	0000	-866	37.0235	81.0504	CCR-1	0.6	2.8 +	4.6	4.98 +	0.60 +	8.30	1121.	51.	1.
1562	0000	-866	37.0235	81.0498	CCR-1	0.5	2.7 +	4.9	4.91 +	0.54 +	9.04	1145.	52.	1.
1563	0000	-866	37.0235	81.0492	CCR-1	0.5	2.9 +	4.8	5.91 +	0.60 +	9.05	1158.	53.	0.
1564	0000	-865	37.0235	81.0485	CCR-1	0.5	2.8 +	5.2	5.23 +	0.55 +	9.59	1161.	54.	0.
1565	0000	-866	37.0234	81.0480	CCR-1	0.5	2.7 +	5.4	5.00 +	0.51 +	9.83	1169.	53.	0.
1566	0000	-867	37.0234	81.0473	CCR-1	0.6	2.7 +	5.4	4.36 +	0.49 +	8.86	1178.	53.	0.
1567	0000	-868	37.0234	81.0467	CCR-1	0.6	2.3	5.9	3.58	0.39	9.20	1183.	55.	1.
1568	0000	-867	37.0234	81.0461	CCR-1	0.7	2.2	6.1	3.26	0.37	8.83	1210.	53.	2.
1569	0000	-865	37.0234	81.0455	CCR-1	0.8	2.2	5.8	2.78	0.38	7.33	1247.	53.	4.
1570	0000	-864	37.0234	81.0449	CCR-1	0.9	1.8	5.8	2.07	0.31	6.71	1253.	55.	5.
1571	0000	-865	37.0234	81.0443	CCR-1	0.9	1.8	5.2	2.01	0.34	5.90	1260.	54.	7.
1572	0000	-868	37.0233	81.0437	CCR-1	0.9	1.7	5.3	1.88	0.32	5.90	1271.	54.	8.
1573	0000	-869	37.0233	81.0430	CCR-1	0.9	1.5	5.1	1.79	0.30	5.96	1266.	54.	10.
1574	0000	-868	37.0233	81.0424	CCR-1	0.8	1.7	4.6	2.01	0.37	5.50	1269.	52.	11.
1575	0000	-868	37.0233	81.0417	CCR-1	0.8	1.6	4.4	2.06	0.38	5.50	1248.	53.	11.
1576	0000	-868	37.0233	81.0412	CCR-1	0.7	1.6	4.3	2.33	0.37	6.27	1196.	54.	11.
1577	0000	-866	37.0233	81.0405	CCR-1	0.7	1.7	4.3	2.62	0.40	6.58	1172.	52.	10.
1578	0000	-865	37.0233	81.0399	CCR-1	0.6	1.6	4.1	2.53	0.40	6.32	1136.	53.	9.
1579	0000	-867	37.0233	81.0392	CCR-1	0.6	1.7	3.7	2.79	0.46	6.12	1091.	54.	7.
1580	0000	-868	37.0233	81.0386	CCR-1	0.6	1.7	3.6	3.00	0.46	6.52	1055.	56.	5.
1581	0000	-867	37.0232	81.0380	CCR-1	0.5	1.8	3.6	3.59	0.48	7.40	1034.	55.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES					*			
ID.	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-866	37.0232	81.0374	CCR-1	0.5	1.5	3.4 -	3.16	0.46	6.95	1013.	54.	5.
1583	0000	-866	37.0232	81.0367	CCR-1	0.5	1.5	3.9	2.73	0.38	7.20	1045.	50.	4.
1584	0000	-866	37.0232	81.0361	CCR-1	0.6	1.5	4.4	2.75	0.35	7.90	1084.	53.	4.
1585	0000	-868	37.0232	81.0355	CCR-1	0.6	1.5	4.9	2.62	0.31	8.49	1138.	53.	4.
1586	0000	-869	37.0232	81.0349	CCR-1	0.7	1.5	5.4	2.22	0.27	8.18	1184.	52.	4.
1587	0000	-868	37.0232	81.0342	CCR-1	0.7	1.7	6.0	2.55	0.28	9.13	1211.	51.	4.
1588	0000	-868	37.0232	81.0336	CCR-1	0.7	1.5	6.4 +	2.22	0.23 -	9.51	1215.	52.	4.
1589	0000	-869	37.0232	81.0330	CCR-1	0.7	1.5	6.7 +	2.24	0.23 -	9.81	1219.	54.	2.
1590	0000	-869	37.0232	81.0323	CCR-1	0.6	1.6	6.5 +	2.61	0.25 -	10.61	1181.	55.	2.
1591	0000	-870	37.0232	81.0317	CCR-1	0.6	1.7	5.9	2.72	0.23	9.62	1136.	53.	2.
1592	0000	-871	37.0232	81.0310	CCR-1	0.6	1.6	6.0	2.83	0.26 -	10.90 +	1090.	52.	1.
1593	0000	-870	37.0232	81.0304	CCR-1	0.5	1.6	5.9	3.27	0.27	12.03 +	1064.	53.	1.
1594	0000	-869	37.0232	81.0298	CCR-1	0.5	1.5	5.4	2.87	0.28	10.16	1058.	52.	1.
1595	0000	-869	37.0232	81.0292	CCR-1	0.6	1.7	5.1	2.98	0.33	9.04	1063.	51.	0.
1596	0000	-870	37.0232	81.0285	CCR-1	0.5	1.9	5.1	3.59	0.38	9.35	1081.	49.	0.
1597	0000	-872	37.0232	81.0279	CCR-1	0.6	1.8	5.2	2.94	0.35	8.46	1110.	51.	1.
1598	0000	-871	37.0232	81.0273	OKU	0.6	1.8	5.4	3.17	0.34	9.28	1125.	52.	0.
1599	0000	-868	37.0232	81.0267	OKU	0.6	1.9	5.2	3.43	0.38	9.13	1129.	54.	0.
1600	0000	-870	37.0231	81.0260	OKU	0.6	2.1 +	4.7	3.58	0.44 +	8.14	1120.	54.	1.
1601	0000	-871	37.0231	81.0254	OKU	0.6	2.0	4.9	3.32	0.40	8.30	1118.	55.	1.
1602	0000	-870	37.0231	81.0248	OKU	0.6	1.9	4.9	3.13	0.38	8.21	1135.	55.	1.
1603	0000	-872	37.0231	81.0242	OKU	0.7	1.7	5.1	2.52	0.34	7.50	1166.	58.	1.
1604	0000	-872	37.0231	81.0235	OKU	0.7	1.8	4.7	2.64	0.38	7.03	1178.	56.	2.
1605	0000	-871	37.0231	81.0229	OKU	0.7	1.8	4.6	2.63	0.39	6.78	1184.	57.	3.
1606	0000	-872	37.0231	81.0222	OKU	0.7	1.8	4.6	2.42	0.38	6.40	1193.	57.	3.
1607	0000	-873	37.0231	81.0216	OKU	0.7	1.7	4.9	2.29	0.34	6.71	1197.	58.	4.
1608	0000	-873	37.0231	81.0210	OKU	0.7	1.6	4.8	2.32	0.33	6.92	1189.	60.	6.
1609	0000	-873	37.0231	81.0204	OKU	0.7	1.5	4.7	2.23	0.32	6.96	1184.	61.	7.
1610	0000	-873	37.0231	81.0197	OKU	0.6	1.5	4.5	2.27	0.32	7.00	1174.	59.	8.
1611	0000	-870	37.0231	81.0191	OKU	0.7	1.5	4.5	2.19	0.32	6.80	1187.	60.	8.
1612	0000	-871	37.0231	81.0185	OKU	0.7	1.4	5.1	1.91	0.27	6.97	1245.	59.	9.
1613	0000	-873	37.0231	81.0179	OKU	0.8	1.4	5.6	1.76	0.25	7.07	1288.	62.	8.
1614	0000	-874	37.0231	81.0172	OKU	0.8	1.2	5.9	1.42	0.20 -	7.08	1321.	62.	9.
1615	0000	-872	37.0231	81.0165	OKU	0.9	1.3	5.8	1.37 -	0.22	6.25	1351.	60.	7.
1616	0000	-872	37.0231	81.0160	OKU	1.0	1.4	5.9	1.35 -	0.23	5.87	1355.	60.	6.
1617	0000	-873	37.0231	81.0154	OKU	1.0	1.6	5.8	1.57	0.27	5.92	1337.	60.	5.
1618	0000	-873	37.0231	81.0147	OKU	1.0	1.5	6.1	1.55	0.25	6.23	1318.	59.	5.
1619	0000	-871	37.0230	81.0141	OKU	1.0	1.4	5.9	1.43	0.24	5.98	1276.	60.	4.
1620	0000	-872	37.0230	81.0134	OKU	1.0	1.6	5.4	1.60	0.29	5.52	1283.	54.	4.
1621	0000	-874	37.0230	81.0128	OKU	1.0 +	1.6	5.8	1.51	0.27	5.60	1298.	54.	3.
1622	0000	-871	37.0230	81.0122	OKU	1.0	1.6	5.9	1.62	0.27	5.96	1300.	55.	3.
1623	0000	-873	37.0230	81.0115	OKU	1.0	1.6	6.0	1.62	0.27	5.98	1310.	56.	3.
1624	0000	-873	37.0230	81.0109	OKU	1.0 +	1.6	5.9	1.52	0.27	5.72	1343.	57.	3.
1625	0000	-873	37.0230	81.0103	OKU	1.1 +	1.6	5.6	1.47	0.28	5.28	1359.	59.	3.
1626	0000	-873	37.0230	81.0097	OKU	1.1 +	1.8	5.5	1.67	0.32	5.18	1395.	56.	3.
1627	0000	-874	37.0230	81.0091	OKU	1.1 +	1.6	5.8	1.45	0.27	5.29	1406.	59.	4.
1628	0000	-873	37.0230	81.0084	OKU	1.1 +	1.6	5.4	1.40	0.29	4.82 -	1425.	58.	4.
1629	0000	-874	37.0230	81.0078	OKU	1.2 +	1.4	5.7	1.20 -	0.25	4.85 -	1450.	59.	5.
1630	0000	-874	37.0230	81.0072	OKU	1.2 +	1.5	5.9	1.22 -	0.25	4.95 -	1455.	59.	4.
1631	0000	-872	37.0230	81.0065	OKU	1.2 +	1.3	6.0	1.06 -	0.22	4.89 -	1437.	60.	5.
1632	0000	-872	37.0230	81.0059	OKU	1.2 +	1.3	6.2	1.10 -	0.21 -	5.24	1420.	60.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-873	37.0230	81.0052	OKU	1.2 +	1.1	6.3	0.93 -	0.17 -	5.40	1377.	61.	5.
1634	0000	-870	37.0230	81.0047	OKU	1.1 +	1.1	6.0	1.04 -	0.19 -	5.51	1319.	61.	4.
1635	0000	-872	37.0230	81.0040	OKU	1.0	1.3	5.5	1.32 -	0.23	5.71	1233.	64.	4.
1636	0000	-874	37.0230	81.0034	OKU	0.8	1.4	5.1	1.66	0.27	6.27	1140.	62.	3.
1637	0000	-871	37.0230	81.0027	OKU	0.7	1.3	4.6	1.80	0.27	6.60	1047.	63.	2.
1638	0000	-870	37.0229	81.0021	OKU	0.6	1.2	4.3	1.98	0.28	7.13	951.	64.	2.
1639	0000	-870	37.0229	81.0015	OKU	0.5	1.1	3.8	2.18	0.29	7.42	871.	61.	1.
1640	0000	-871	37.0229	81.0009	OKU	0.4	1.1	3.3 -	2.57	0.33	7.86	773.	62.	1.
1641	0000	-871	37.0229	81.0002	OKU	0.3 -	1.0 -	2.9 -	3.12	0.35	8.80	682.	64.	1.
1642	0000	-870	37.0229	80.9996	OKU	0.3 -	0.9 -	2.8 -	3.18	0.31	10.38	614.	61.	1.
1643	0000	-871	37.0229	80.9990	OKU	0.3 -	0.7 -	2.5 --	2.53	0.27	9.23	572.	64.	1.
1644	0000	-873	37.0229	80.9984	OKU	0.2 -	0.7 -	2.3 --	3.24	0.32	10.09	541.	61.	2.
1645	0000	-872	37.0229	80.9977	OKU	0.2 --	0.7 -	2.2 --	3.60	0.33	10.80	525.	62.	2.
1646	0000	-871	37.0229	80.9971	OMUU	0.2 -	0.7 -	2.3 -	2.99	0.28	10.54	521.	62.	3.
1647	0000	-871	37.0229	80.9965	OMUU	0.2 -	0.9 -	2.2 -	4.15 +	0.38 +	10.80	525.	62.	2.
1648	0000	-871	37.0229	80.9958	OMUU	0.2 -	0.7 -	2.4 -	3.19	0.30	10.52	549.	59.	2.
1649	0000	-871	37.0229	80.9952	OMUU	0.2 -	0.9 -	2.7 -	3.81	0.32	11.80	590.	58.	3.
1650	0000	-871	37.0229	80.9946	OMUU	0.2 -	0.9 -	2.9 -	3.73	0.30	12.40 +	632.	58.	3.
1651	0000	-871	37.0229	80.9939	OMUU	0.3 -	0.9 -	3.4 -	3.42	0.26	13.26 +	677.	57.	3.
1652	0000	-871	37.0229	80.9933	OMUU	0.3 -	0.9 -	3.7 -	3.08	0.24	12.57 +	730.	53.	3.
1653	0000	-870	37.0229	80.9927	OMUU	0.3 -	1.1	4.0	3.63	0.28	13.17 +	765.	54.	3.
1654	0000	-870	37.0229	80.9921	OMUU	0.3 -	1.1	4.2	3.68	0.27	13.51 +	818.	54.	4.
1655	0000	-870	37.0229	80.9914	OMUU	0.3 -	1.3	4.3	4.35 +	0.30	14.62 +	827.	56.	4.
1656	0000	-871	37.0228	80.9908	OMUU	0.3 -	1.4	4.1	4.39 +	0.33	13.21 +	833.	57.	4.
1657	0000	-872	37.0228	80.9902	OMUU	0.3 -	1.5	4.1	5.05 +	0.35	14.24 +	837.	55.	4.
1658	0000	-871	37.0228	80.9895	OMUU	0.3 -	1.4	3.9	4.29 +	0.37	11.44	845.	56.	5.
1659	0000	-870	37.0228	80.9889	OMUU	0.3 -	1.6	4.1	5.02 +	0.38 +	13.10 +	853.	58.	5.
1660	0000	-871	37.0228	80.9882	OMUU	0.3 -	1.5	3.8	5.10 +	0.40 +	12.84 +	870.	58.	6.
1661	0000	-870	37.0228	80.9877	OMUU	0.4	1.4	4.2	4.04 +	0.34	11.91	889.	58.	6.
1662	0000	-869	37.0228	80.9870	OMUU	0.4	1.5	4.1	3.91 +	0.36	10.86	941.	55.	7.
1663	0000	-869	37.0228	80.9864	OMUU	0.4	1.4	4.4	3.53	0.32	11.19	986.	53.	8.
1664	0000	-869	37.0228	80.9857	OMUU	0.5	1.5	4.4	3.04	0.33	9.14	1035.	54.	9.
1665	0000	-869	37.0228	80.9852	OMUU	0.5	1.5	4.8	2.82	0.31	9.25	1091.	54.	9.
1666	0000	-870	37.0228	80.9845	OMUU	0.6	1.3	5.0	2.25	0.26	8.77	1113.	51.	10.
1667	0000	-868	37.0227	80.9839	OMUU	0.6	1.4	4.9	2.45	0.28	8.65	1115.	49.	9.
1668	0000	-869	37.0227	80.9832	OMUU	0.5	1.3	5.0	2.54	0.27	9.47	1087.	48.	9.
1669	0000	-870	37.0227	80.9826	OMUU	0.5	1.2	5.0	2.19	0.24	9.28	1043.	48.	9.
1670	0000	-868	37.0227	80.9820	OMUU	0.5	1.0 -	4.7	1.92	0.21	9.11	990.	48.	10.
1671	0000	-868	37.0227	80.9814	OMUU	0.4	1.1	4.5	2.60	0.24	10.84	932.	47.	8.
1672	0000	-868	37.0227	80.9807	OMUU	0.3 -	1.0	4.5	3.03	0.23	13.29 +	863.	47.	7.
1673	0000	-867	37.0227	80.9801	OMUU	0.3 -	1.2	4.1	3.57	0.29	12.39 +	843.	49.	6.
1674	0000	-867	37.0227	80.9795	OMUU	0.4	1.1	4.2	3.01	0.25	11.84	852.	50.	6.
1675	0000	-867	37.0227	80.9789	OMUU	0.4	1.0 -	3.9	2.35	0.26	9.19	880.	52.	6.
1676	0000	-867	37.0227	80.9782	OMUU	0.5	1.1	4.2	2.35	0.26	9.16	924.	52.	5.
1677	0000	-869	37.0227	80.9776	OMUU	0.5	1.3	4.6	2.68	0.29	9.29	975.	53.	4.
1678	0000	-871	37.0227	80.9769	OMUU	0.5	1.3	5.0	2.58	0.26	9.87	1005.	53.	4.
1679	0000	-870	37.0227	80.9763	OMUU	0.6	1.3	5.1	2.35	0.26	9.22	1041.	53.	4.
1680	0000	-870	37.0227	80.9757	OMUU	0.5	1.4	5.2	2.64	0.27	9.63	1061.	51.	3.
1681	0000	-869	37.0227	80.9751	OMUU	0.6	1.3	5.2	2.37	0.26	9.28	1073.	52.	3.
1682	0000	-868	37.0227	80.9744	OMUU	0.5	1.5	5.4	2.70	0.27	10.12	1069.	52.	3.
1683	0000	-868	37.0227	80.9738	OMUU	0.5	1.4	5.1	2.86	0.28	10.19	1046.	54.	3.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-867	37.0227	80.9732	OMUU	0.5	1.4	5.0	2.74	0.27	9.99	1049.	53.	3.
1685	0000	-868	37.0227	80.9726	OMUU	0.5	1.3	5.1	2.33	0.25	9.28	1077.	52.	4.
1686	0000	-870	37.0226	80.9719	OMUU	0.6	1.4	5.1	2.35	0.27	8.84	1113.	53.	4.
1687	0000	-869	37.0226	80.9713	OMUU	0.6	1.3	5.6	2.02	0.23	8.70	1154.	54.	5.
1688	0000	-866	37.0226	80.9707	OMUU	0.7	1.6	5.9	2.19	0.27	8.18	1213.	54.	4.
1689	0000	-866	37.0226	80.9700	OMUU	0.8	1.5	6.4	1.82	0.24	7.64	1308.	54.	4.
1690	0000	-867	37.0226	80.9694	OMUU	1.0	1.6	7.1	1.63	0.22	7.40	1413.	53.	3.
1691	0000	-866	37.0226	80.9687	OMUU	1.0	1.8	7.4	1.70	0.24	7.05	1487.	58.	3.
1692	0000	-865	37.0226	80.9682	OMUU	1.1	1.7	7.6 +	1.55	0.23	6.81	1528.	59.	2.
1693	0000	-865	37.0226	80.9675	OMUU	1.1	1.8	7.5 +	1.63	0.24	6.76	1538.	59.	2.
1694	0000	-868	37.0226	80.9669	OMUU	1.1	1.8	7.3	1.69	0.25	6.78	1520.	58.	2.
1695	0000	-867	37.0226	80.9662	OMUU	1.0	1.6	7.0	1.61	0.23	7.03	1466.	61.	3.
1696	0000	-865	37.0226	80.9656	OMUU	0.9	1.6	6.8	1.75	0.24	7.32	1402.	59.	3.
1697	0000	-865	37.0226	80.9650	OMUU	0.9	1.6	6.3	1.81	0.25	7.16	1347.	59.	4.
1698	0000	-864	37.0226	80.9644	OMUU	0.9	1.3	6.0	1.56	0.22	7.02	1308.	58.	5.
1699	0000	-863	37.0226	80.9638	OMUU	0.9	1.3	5.9	1.50	0.22	6.90	1311.	57.	5.
1700	0000	-864	37.0226	80.9631	OMUU	0.9	1.3	6.5	1.44	0.20	7.37	1331.	54.	5.
1701	0000	-866	37.0226	80.9625	OMUU	1.0	1.2	6.8	1.21 -	0.17 -	7.07	1392.	56.	5.
1702	0000	-865	37.0226	80.9619	OMUU	1.1	1.2	7.7 +	1.15 -	0.16 -	7.08	1490.	52.	4.
1703	0000	-864	37.0226	80.9612	OMUU	1.1	1.4	8.2 +	1.28	0.17 -	7.30	1578.	52.	4.
1704	0000	-865	37.0226	80.9606	OMUU	1.2 +	1.3	8.6 +	1.08 -	0.15 -	7.09	1667.	51.	3.
1705	0000	-864	37.0225	80.9600	OMUU	1.3 +	1.5	9.4 ++	1.19 -	0.16 -	7.43	1738.	50.	2.
1706	0000	-863	37.0225	80.9594	OMUU	1.3 +	1.7	9.7 ++	1.32	0.17 -	7.71	1764.	52.	2.
1707	0000	-863	37.0225	80.9587	OMUU	1.3 +	1.6	9.7 ++	1.17 -	0.16 -	7.16	1806.	53.	1.
1708	0000	-863	37.0225	80.9581	SU	1.4 ++	1.7	9.6 ++	1.28 -	0.18 -	7.03 -	1830.	52.	1.
1709	0000	-863	37.0225	80.9574	SU	1.4 ++	1.6	9.7 ++	1.16 --	0.17 -	6.92 -	1852.	53.	1.
1710	0000	-863	37.0225	80.9569	SU	1.5 ++	1.5	9.5 ++	1.02 --	0.16 -	6.38 -	1871.	52.	1.
1711	0000	-861	37.0225	80.9562	SU	1.5 ++	1.7	9.7 ++	1.18 -	0.18 -	6.69 -	1876.	53.	1.
1712	0000	-861	37.0225	80.9556	SU	1.5 ++	1.6	9.6 ++	1.09 --	0.16 -	6.60 -	1878.	54.	2.
1713	0000	-862	37.0225	80.9549	SU	1.5 ++	1.6	9.5 ++	1.06 --	0.17 -	6.34 -	1891.	54.	2.
1714	0000	-863	37.0224	80.9543	SU	1.4 ++	1.7	9.4 ++	1.24 -	0.18 -	6.69 -	1870.	54.	2.
1715	0000	-861	37.0224	80.9537	SU	1.4 ++	1.8 +	9.5 ++	1.30 -	0.19	6.73 -	1862.	55.	1.
1716	0000	-862	37.0224	80.9530	SU	1.4 ++	2.0 +	8.8 ++	1.44 -	0.22	6.41 -	1847.	56.	2.
1717	0000	-863	37.0224	80.9524	SU	1.3 ++	2.2 +	8.7 ++	1.66 -	0.25	6.63 -	1831.	56.	2.
1718	0000	-861	37.0224	80.9518	SU	1.3 ++	2.0 +	8.8 ++	1.55 -	0.23	6.70 -	1819.	55.	2.
1719	0000	-861	37.0224	80.9512	SU	1.3 ++	2.1 +	8.5 ++	1.66 -	0.25	6.74 -	1785.	56.	2.
1720	0000	-862	37.0224	80.9505	SU	1.2 ++	2.2 +	8.4 ++	1.77 -	0.26	6.73 -	1774.	54.	3.
1721	0000	-860	37.0224	80.9499	SU	1.3 ++	2.1 +	8.2 ++	1.66 -	0.26	6.47 -	1775.	54.	4.
1722	0000	-858	37.0224	80.9493	SU	1.2 ++	1.8	8.4 ++	1.43 -	0.21	6.74 -	1759.	54.	5.
1723	0000	-859	37.0224	80.9487	SU	1.2 ++	1.9 +	8.5 ++	1.55 -	0.22	7.02 -	1737.	52.	5.
1724	0000	-858	37.0224	80.9480	SU	1.3 ++	1.6	8.7 ++	1.25 -	0.18 -	6.86 -	1750.	54.	7.
1725	0000	-859	37.0224	80.9473	SU	1.3 ++	1.8	8.5 ++	1.42 -	0.21	6.83 -	1762.	55.	6.
1726	0000	-859	37.0224	80.9467	SU	1.3 ++	1.7	8.6 ++	1.29 -	0.20	6.53 -	1795.	54.	6.
1727	0000	-858	37.0224	80.9461	SU	1.3 ++	1.6	8.6 ++	1.21 -	0.19 -	6.47 -	1825.	55.	6.
1728	0000	-859	37.0224	80.9453	DB-2	1.4	1.6	8.9	1.20 -	0.18 -	6.52	1847.	53.	6.
1729	[redacted]	-859	37.0224	80.9447	DB-2	1.4	1.7	8.9	1.26 -	0.20 -	6.43	1880.	53.	5.
1730	0000	-857	37.0224	80.9440	DB-2	1.4	1.6	9.2	1.15 -	0.18 -	6.48	1902.	55.	4.
1731	0000	-855	37.0224	80.9434	DB-2	1.4	1.8	9.1	1.31	0.20 -	6.66	1882.	54.	4.
1732	0000	-855	37.0225	80.9427	DB-2	1.4	1.6 -	8.9	1.15 -	0.18 -	6.34	1858.	55.	4.
1733	0000	-855	37.0225	80.9420	DB-2	1.4	1.7	8.8	1.24 -	0.19 -	6.53	1838.	56.	4.
1734	0000	-857	37.0225	80.9414	DB-2	1.4	1.6	8.9	1.21 -	0.18 -	6.57	1839.	56.	5.

CP9 1P12

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-856	37.0225	80.9408	DB-2	1.4	1.6 -	8.8	1.16 -	0.18 -	6.37	1855.	57.	5.
1736	0000	-856	37.0225	80.9401	DB-2	1.4	1.6	8.9	1.21 -	0.18 -	6.60	1853.	55.	5.
1737	0000	-855	37.0225	80.9395	DB-2	1.3	1.8	8.5	1.34	0.21	6.45	1828.	56.	5.
1738	0000	-853	37.0225	80.9387	DB-2	1.3	1.8	7.9	1.36	0.22	6.07	1807.	57.	6.
1739	0000	-854	37.0225	80.9381	DB-2	1.2	1.9	8.0	1.57	0.24	6.46	1792.	55.	6.
1740	0000	-856	37.0225	80.9374	DB-2	1.3	1.9	8.0	1.46	0.23	6.28	1791.	55.	5.
1741	0000	-854	37.0225	80.9368	DB-2	1.3	1.8	7.8	1.41	0.23	6.20	1757.	54.	5.
1742	0000	-852	37.0225	80.9361	DB-2	1.2	1.8	7.7	1.52	0.24	6.35	1712.	54.	5.
1743	0000	-853	37.0225	80.9354	DB-2	1.2	1.9	7.3	1.59	0.26	6.18	1677.	54.	4.
1744	0000	-854	37.0225	80.9348	DB-2	1.2	1.8	7.7	1.49	0.23	6.51	1672.	53.	4.
1745	0000	-853	37.0225	80.9342	DB-2	1.2	1.8	8.4	1.48	0.21	6.99	1702.	51.	3.
1746	0000	-852	37.0225	80.9335	DB-2	1.2	1.5 -	8.8	1.21 -	0.17 -	7.12	1723.	53.	2.
1747	0000	-852	37.0225	80.9328	DB-2	1.2	1.5 -	9.1	1.23 -	0.16 -	7.48	1724.	54.	2.
1748	0000	-853	37.0226	80.9321	DB-2	1.2	1.7	9.0	1.41	0.19 -	7.57	1718.	54.	1.
1749	0000	-852	37.0226	80.9315	DB-2	1.2	1.8	9.4	1.55	0.20 -	7.96	1734.	54.	1.
1750	0000	-851	37.0226	80.9309	DB-2	1.2	2.0	9.3	1.70	0.21	7.98	1734.	55.	1.
1751	0000	-852	37.0226	80.9302	DB-2	1.2	2.0	9.4	1.70	0.21	7.96	1727.	56.	1.
1752	0000	-851	37.0226	80.9295	DB-2	1.1	2.0	9.0	1.74	0.22	8.00	1690.	56.	1.
1753	0000	-850	37.0226	80.9288	DB-2	1.1	2.4	8.6	2.19	0.28	7.87	1677.	55.	1.
1754	0000	-853	37.0226	80.9282	DB-2	1.1	2.6	8.3	2.38	0.31	7.69	1675.	52.	1.
1755	0000	-852	37.0226	80.9276	DB-2	1.0	2.5	8.4	2.37	0.29	8.07	1667.	54.	1.
1756	0000	-849	37.0226	80.9268	DB-2	1.1	2.2	8.3	2.01	0.26	7.66	1660.	54.	2.
1757	0000	-851	37.0226	80.9262	DB-2	1.1	2.2	8.0	2.02	0.27	7.35	1657.	53.	2.
1758	0000	-851	37.0226	80.9255	DB-2	1.0	2.2	8.1	2.06	0.27	7.74	1649.	52.	2.
1759	0000	-851	37.0226	80.9249	DB-2	1.0	2.1	7.8	2.14	0.27	7.79	1630.	53.	2.
1760	0000	-851	37.0226	80.9243	DB-2	1.0	1.9	7.9	1.90	0.23	8.07	1604.	54.	3.
1761	0000	-850	37.0226	80.9236	DB-2	0.9	1.9	8.2	2.01	0.23	8.79	1599.	56.	3.
1762	0000	-850	37.0226	80.9229	DB-2	0.9	1.7	8.6	1.85	0.20 -	9.45	1599.	55.	4.
1763	0000	-850	37.0226	80.9222	DB-2	0.9	1.7	8.6	1.98	0.20 -	10.09 +	1588.	56.	4.
1764	0000	-850	37.0227	80.9216	DB-2	0.9	1.5 -	9.1	1.73	0.16 -	10.71 +	1574.	57.	5.
1765	0000	-850	37.0227	80.9209	DB-2	0.8	1.7	8.9	2.02	0.19 -	10.91 +	1560.	58.	4.
1766	0000	-850	37.0227	80.9202	DB-2	0.8	1.5 -	8.8	1.85	0.17 -	11.00 +	1532.	56.	5.
1767	0000	-851	37.0227	80.9196	DB-2	0.8 -	1.7	8.6	2.18	0.20 -	11.10 +	1515.	54.	5.
1768	0000	-850	37.0227	80.9190	DB-2	0.7 -	1.7	8.1	2.24	0.21	10.93 +	1469.	55.	4.
1769	0000	-849	37.0227	80.9183	DB-2	0.7 -	1.9	7.6	2.61	0.25	10.44 +	1442.	54.	3.
1770	0000	-848	37.0227	80.9176	DB-2	0.8 -	1.8	7.4	2.34	0.24	9.72 +	1422.	54.	3.
1771	0000	-847	37.0227	80.9169	DB-2	0.7 -	1.9	7.4	2.49	0.25	9.93 +	1408.	53.	2.
1772	0000	-847	37.0227	80.9163	DB-2	0.7 -	1.8	7.0	2.45	0.25	9.64 +	1389.	53.	1.
1773	0000	-848	37.0227	80.9156	DB-2	0.7 -	1.8	7.2	2.51	0.26	9.84 +	1379.	55.	1.
1774	0000	-848	37.0227	80.9150	DB-2	0.7 -	1.8	7.1	2.43	0.25	9.78 +	1368.	57.	1.
1775	0000	-847	37.0227	80.9143	DB-2	0.8 -	1.9	7.2	2.47	0.26	9.56	1373.	59.	0.
1776	0000	-848	37.0227	80.9137	DB-2	0.7 -	1.9	7.4	2.58	0.26	9.83 +	1390.	60.	0.
1777	0000	-847	37.0227	80.9130	DB-2	0.7 -	2.1	8.0	2.94 +	0.26	11.28 +	1408.	61.	0.
1778	0000	-846	37.0227	80.9124	DB-2	0.7 -	2.2	8.2	3.07 +	0.26	11.68 +	1436.	62.	0.
1779	0000	-847	37.0227	80.9117	DB-2	0.7 -	2.1	8.5	2.96 +	0.25	11.95 +	1455.	61.	0.
1780	0000	-848	37.0228	80.9110	DB-2	0.7 -	2.2	8.9	3.02 +	0.24	12.36 +	1463.	61.	0.
1781	0000	-847	37.0228	80.9103	DB-2	0.7 -	1.9	9.3	2.67	0.21	12.80 ++	1475.	59.	0.
1782	0000	-846	37.0228	80.9097	DB-2	0.7 -	1.7	9.7	2.41	0.17 -	14.07 ++	1449.	58.	0.
1783	0000	-847	37.0228	80.9091	DB-2	0.6 -	1.6 -	9.6	2.43	0.16 -	15.06 ++	1409.	60.	0.
1784	0000	-847	37.0228	80.9084	DB-2	0.6 -	1.6 -	8.7	2.63	0.18 -	14.59 ++	1360.	61.	1.
1785	0000	-846	37.0228	80.9077	DB-2	0.5 -	1.6 -	8.2	2.94 +	0.19 -	15.18 ++	1301.	61.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-845	37.0228	80.9070	DB-2	0.5 -	1.5 -	8.3	2.85 +	0.18 -	16.31 ++	1268.	60.	3.
1787	0000	-844	37.0228	80.9064	DB-2	0.5 -	1.5 -	7.8	3.30 +	0.19 -	17.03 +++	1255.	59.	4.
1788	0000	-846	37.0228	80.9057	DB-2	0.4 -	1.7	7.2	3.94 +	0.23	16.99 +++	1235.	60.	5.
1789	0000	-846	37.0229	80.9050	DB-2	0.4 -	1.9	6.7	4.43 ++	0.28	16.05 ++	1240.	58.	5.
1790	0000	-844	37.0229	80.9044	DCH	0.4 -	2.0	6.4	4.53 +	0.31	14.66 +	1242.	57.	6.
1791	0000	-845	37.0229	80.9038	DCH	0.4 -	2.1	6.4	4.92 +	0.33 +	14.88 +	1237.	57.	5.
1792	0000	-845	37.0229	80.9031	DCH	0.5 -	2.1	6.6	4.41 +	0.32	13.96 +	1243.	59.	5.
1793	0000	-843	37.0229	80.9025	DCH	0.5 -	2.2	6.4	4.28 +	0.35 +	12.24	1250.	58.	4.
1794	0000	-845	37.0229	80.9018	DCH	0.6 -	2.2	7.0	3.70 +	0.31	12.10	1283.	58.	3.
1795	0000	-847	37.0229	80.9011	DCH	0.7	2.2	7.2	3.38 +	0.31	11.04	1306.	60.	2.
1796	0000	-845	37.0229	80.9004	DCH	0.7	2.3	7.1	3.34	0.32	10.35	1346.	61.	3.
1797	0000	-844	37.0229	80.8998	DCH	0.7	2.3	7.3	3.20	0.32	10.09	1392.	59.	2.
1798	0000	-844	37.0229	80.8992	DCH	0.8	2.2	7.4	2.88	0.30	9.61	1430.	57.	3.
1799	0000	-845	37.0229	80.8985	DCH	0.8	2.0	7.8	2.64	0.26	10.27	1448.	56.	4.
1800	0000	-846	37.0229	80.8978	DCH	0.7	2.0	8.0	2.69	0.25	10.85	1458.	58.	5.
1801	0000	-845	37.0229	80.8972	DCH	0.6	2.2	7.4	3.32	0.29	11.35	1427.	59.	5.
1802	0000	-844	37.0229	80.8965	DCH	0.6	2.0	7.2	3.35	0.28	12.10	1404.	56.	6.
1803	0000	-843	37.0229	80.8958	DCH	0.6	1.7	7.3	2.94	0.24	12.39	1367.	58.	5.
1804	0000	-842	37.0229	80.8951	DCH	0.6 -	1.6	7.4	2.79	0.22	12.69 +	1335.	59.	5.
1805	0000	-842	37.0230	80.8945	DCH	0.5 -	1.8	7.5	3.49 +	0.24	14.51 +	1311.	61.	5.
1806	0000	-842	37.0230	80.8939	DCH	0.5 -	2.0	7.0	3.86 +	0.28	13.59 +	1313.	61.	4.
1807	0000	-841	37.0230	80.8932	DCH	0.5 -	2.1	7.1	4.29 +	0.29	14.73 +	1313.	62.	4.
1808	0000	-842	37.0230	80.8925	DCH	0.5 -	1.8	7.5	3.53 +	0.24	14.43 +	1337.	59.	4.
1809	0000	-845	37.0230	80.8919	DCH	0.5 -	1.8	8.0	3.44 +	0.22	15.36 +	1355.	60.	4.
1810	0000	-844	37.0230	80.8912	DCH	0.5 -	1.7	8.1	3.20	0.21	15.22 +	1374.	59.	4.
1811	0000	-842	37.0230	80.8905	DCH	0.5 -	1.6	8.1	3.00	0.20	14.75 +	1378.	60.	5.
1812	0000	-842	37.0230	80.8899	DCH	0.5 -	1.6	7.4	2.96	0.19 -	15.70 +	1395.	58.	5.
1813	0000	-842	37.0230	80.8892	DCH	0.5 -	1.6	8.7	3.17	0.19 -	16.73 +	1407.	57.	5.
1814	0000	-843	37.0230	80.8886	DCH	0.6 -	1.5	8.0	2.77	0.17 -	16.19 +	1431.	56.	4.
1815	0000	-843	37.0230	80.8879	DCH	0.6	1.6	9.2	2.63	0.17 -	15.65 +	1454.	56.	5.
1816	0000	-842	37.0230	80.8873	DCH	0.6 -	1.7	9.1	2.92	0.19 -	15.57 +	1471.	55.	6.
1817	0000	-842	37.0230	80.8866	DCH	0.5 -	1.8	9.6	3.22	0.18 -	17.68 +	1497.	54.	6.
1818	0000	-843	37.0230	80.8859	DCH	0.5 -	1.7	9.8	3.40 +	0.18 -	19.09 ++	1527.	54.	6.
1819	0000	-842	37.0230	80.8852	DCH	0.6 -	1.7	9.4	2.80	0.18 -	15.97 +	1544.	56.	8.
1820	0000	-842	37.0230	80.8846	DCH	0.6	1.6	9.6	2.53	0.16 -	15.65 +	1541.	56.	9.
1821	0000	-843	37.0231	80.8840	DCH	0.6	1.5	9.5	2.28	0.16 -	14.67 +	1530.	57.	10.
1822	0000	-842	37.0231	80.8833	DCH	0.6	1.5	9.5	2.36	0.16 -	14.75 +	1536.	59.	11.
1823	0000	-839	37.0231	80.8826	DCH	0.7	1.5	9.9	2.15	0.15 --	14.59 +	1544.	60.	10.
1824	0000	-840	37.0231	80.8820	DCH	0.7	1.6	9.4	2.46	0.18 -	14.03 +	1517.	60.	10.
1825	0000	-840	37.0231	80.8813	DCH	0.7	1.6	9.9	2.26	0.16 -	13.98 +	1504.	59.	9.
1826	0000	-840	37.0231	80.8807	DCH	0.7	1.8	10.2	2.73	0.18 -	15.26 +	1528.	58.	7.
1827	0000	-841	37.0231	80.8800	DCH	0.7	2.0	10.3	2.99	0.20	15.02 +	1606.	58.	6.
1828	0000	-842	37.0231	80.8793	DCH	0.6	2.5	10.6	4.06 +	0.24	17.11 +	1674.	57.	4.
1829	0000	-841	37.0231	80.8787	DCH	0.6 -	2.8 +	10.7	4.99 +	0.26	18.93 ++	1694.	56.	3.
1830	0000	-841	37.0231	80.8781	DCH	0.6 -	3.1 +	10.3	5.41 ++	0.30	18.28 ++	1677.	55.	1.
1831	0000	-843	37.0231	80.8773	DCH	0.5 -	3.1 +	10.2	5.62 ++	0.30	18.63 ++	1650.	52.	1.
1832	0000	-842	37.0231	80.8767	DCH	0.5 -	3.1 +	9.6	5.83 ++	0.32	18.04 +	1609.	51.	0.
1833	0000	-841	37.0231	80.8760	DCH	0.5 -	2.8 +	9.2	5.35 ++	0.31	17.45 +	1523.	51.	0.
1834	0000	-842	37.0231	80.8754	DCH	0.5 -	2.6	8.4	5.23 ++	0.31	16.71 +	1397.	51.	1.
1835	0000	-842	37.0231	80.8747	MPR-1	0.6	2.3	7.5	4.22 +	0.31	13.61	1281.	53.	1.
1836	0000	-842	37.0231	80.8740	MPR-1	0.6	2.1	6.6	3.47	0.32	10.71	1207.	51.	2.

CP 9 1P 12

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / T	T / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-844	37.0232	80.8734	MPR-1	0.6	1.7	6.5	2.63	0.26		1178.	51.	3.
1838	0000	-844	37.0232	80.8727	MPR-1	0.7	1.7	6.8	2.56	0.25		1189.	53.	4.
1839	0000	-843	37.0232	80.8721	MPR-1	0.7	1.6	6.8	2.34	0.23		1208.	55.	5.
1840	0000	-844	37.0232	80.8714	MPR-1	0.7	1.7	7.3	2.33	0.23		1270.	54.	6.
1841	0000	-843	37.0232	80.8707	MPR-1	0.8	1.7	7.7	2.17	0.22		1350.	54.	8.
1842	0000	-842	37.0232	80.8701	MPR-1	0.8	1.5	8.7	1.97	0.18 -	10.37	1439.	52.	9.
1843	0000	-843	37.0232	80.8694	MPR-1	0.9	1.6	9.8	1.76	0.16 -	10.88	1537.	54.	9.
1844	0000	-844	37.0232	80.8688	MPR-1	0.8	2.1	10.5 +	2.44	0.20 -	12.38	1532.	54.	8.
1845	0000	-844	37.0232	80.8681	MPR-1	0.9	1.9	11.2 +	2.04	0.17 -	13.02	1754.	54.	8.
1846	0000	-844	37.0232	80.8674	MPR-1	1.0	2.3	12.5 +	2.36	0.18 -	13.05	1877.	53.	8.
1847	0000	-843	37.0232	80.8668	MPR-1	1.0	2.4	12.8 +	2.49	0.19 -	13.36	1995.	54.	8.
1848	0000	-843	37.0232	80.8661	MPR-1	0.9	2.7	14.1 +	2.95	0.19 -	15.40 +	2143.	54.	7.
1849	0000	-845	37.0231	80.8655	MPR-1	0.8	3.5 +	15.7 ++	4.19 +	0.22	18.95 +	2353.	56.	6.
1850	0000	-845	37.0231	80.8647	MPR-1	0.8	4.1 ++	17.3 ++	5.27 +	0.24	22.03 +	2587.	55.	5.
1851	0000	-846	37.0231	80.8641	MPR-1	0.8	4.5 +++	19.4 ++	5.65 +	0.23	24.47 ++	2824.	58.	4.
1852	0000	-846	37.0230	80.8635	MPR-1	0.7	5.2 +++	21.1 ++	7.16 ++	0.25	28.97 ++	3062.	58.	3.
1853	0000	-846	37.0230	80.8629	MPR-1	0.7	5.7 +++	22.3 +++	7.77 ++	0.25	30.67 ++	3247.	58.	2.
1854	0000	-847	37.0230	80.8622	MPR-1	0.7	6.0 +++	23.2 +++	8.65 ++	0.26	33.37 ++	3291.	60.	1.
1855	0000	-848	37.0230	80.8615	MPR-1	0.7	5.9 +++	22.1 +++	8.74 ++	0.27	32.67 ++	3169.	59.	1.
1856	0000	-847	37.0230	80.8608	MPR-1	0.7	5.3 +++	20.1 ++	8.06 ++	0.26	30.58 ++	2901.	59.	2.
1857	0000	-849	37.0230	80.8602	MPR-1	0.6	4.6 +++	17.7 ++	7.46 ++	0.26	28.61 ++	2555.	58.	2.
1858	0000	-849	37.0229	80.8595	MPR-1	0.6	3.9 ++	14.6 +	6.48 ++	0.27	24.21 ++	2202.	56.	3.
1859	0000	-845	37.0229	80.8588	MPR-1	0.6	3.2 +	11.6 +	5.60 +	0.28	20.12 +	1805.	56.	4.
1860	0000	-844	37.0229	80.8582	MPR-1	0.5 -	2.5	8.9	4.85 +	0.29	16.99 +	1452.	57.	5.
1861	0000	-845	37.0229	80.8575	MPR-1	0.5	2.0	6.9	3.70 +	0.28	13.06	1228.	53.	6.
1862	0000	-846	37.0229	80.8569	MPR-1	0.5	1.6	6.4	2.89	0.25	11.69	1149.	55.	5.
1863	0000	-848	37.0229	80.8562	MPR-1	0.6	1.4	6.6	2.35	0.21	11.13	1161.	55.	5.
1864	0000	-848	37.0228	80.8555	MPR-1	0.6	1.6	6.9	2.63	0.23	11.40	1206.	53.	5.
1865	0000	-848	37.0228	80.8549	MPR-1	0.6	1.8	7.2	2.99	0.25	11.80	1266.	53.	4.
1866	0000	-849	37.0228	80.8542	MPR-1	0.6	1.9	8.0	2.97	0.23	12.76	1327.	54.	3.
1867	0000	-848	37.0227	80.8536	MPR-1	0.7	1.8	8.7	2.72	0.21	12.96	1386.	53.	3.
1868	0000	-849	37.0227	80.8529	MPR-1	0.6	1.9	9.2	3.00	0.20	14.75 +	1412.	54.	2.
1869	0000	-850	37.0227	80.8522	MPR-1	0.6	1.9	9.1	3.16	0.21	14.91 +	1410.	53.	1.
1870	0000	-848	37.0227	80.8516	MPR-1	0.6	1.9	9.8	3.24	0.22	14.94 +	1373.	54.	1.
1871	0000	-848	37.0227	80.8509	MPR-1	0.6	1.7	8.7	3.01	0.20 -	15.13 +	1342.	55.	1.
1872	0000	-850	37.0227	80.8503	MPR-1	0.6	1.6	8.7	2.87	0.19 -	15.20 +	1300.	55.	1.
1873	0000	-850	37.0227	80.8496	MPR-1	0.6	1.5	7.8	2.48	0.19 -	13.08	1269.	56.	2.
1874	0000	-849	37.0226	80.8489	MPR-1	0.6	1.5	7.6	2.63	0.20	12.88	1279.	58.	2.
1875	0000	-849	37.0226	80.8483	MPR-1	0.7	1.5	7.8	2.25	0.20 -	11.47	1319.	56.	2.
1876	0000	-851	37.0226	80.8477	MPR-1	0.7	1.7	7.9	2.50	0.21	11.85	1357.	57.	2.
1877	0000	-852	37.0226	80.8470	MPR-1	0.7	1.7	7.7	2.62	0.23	11.53	1359.	57.	2.
1878	0000	-850	37.0226	80.8463	MPR-1	0.7	1.6	7.7	2.34	0.20	11.48	1345.	58.	2.
1879	0000	-849	37.0226	80.8456	MPR-1	0.7	1.5	7.3	2.21	0.20 -	11.03	1319.	56.	2.
1880	0000	-850	37.0225	80.8450	MPR-1	0.6	1.6	7.5	2.69	0.22	12.40	1289.	54.	1.
1881	0000	-850	37.0225	80.8443	MPR-1	0.5	1.6	7.1	2.96	0.23	13.05	1228.	52.	1.
1882	0000	-848	37.0225	80.8436	MPR-1	0.5 -	1.5	6.7	3.11	0.22	13.94	1159.	51.	1.
1883	0000	-848	37.0224	80.8430	MPR-1	0.5 -	1.3 -	6.4	2.68	0.20 -	13.26	1083.	52.	1.
1884	0000	-850	37.0224	80.8423	MPR-1	0.5 -	1.2 -	6.1	2.59	0.20 -	13.27	1040.	51.	1.
1885	0000	-852	37.0224	80.8417	MPR-1	0.5 -	1.3 -	5.6	2.64	0.23	12.23	1003.	51.	1.
1886	0000	-852	37.0224	80.8410	MPR-1	0.5 -	1.3 -	5.3	2.82	0.24	11.76	969.	54.	1.
1887	0000	-852	37.0224	80.8403	MPR-1	0.5 -	1.4	5.2	3.01	0.26	11.43	964.	54.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293 PAGE 805

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-853	37.0224	80.8397	MPR-1	0.5 -	1.4	5.0	2.76	0.28	9.98	972.	54.	1.
1889	0000	-854	37.0223	80.8390	MPR-1	0.6	1.4	5.0	2.61	0.29	9.14	995.	56.	1.
1890	0000	-851	37.0223	80.8384	MPR-1	0.6	1.6	5.1	2.58	0.31	8.31	1050.	58.	1.
1891	0000	-851	37.0223	80.8377	MPR-1	0.7	1.9	5.5	2.83	0.34	8.36	1134.	57.	1.
1892	0000	-853	37.0223	80.8371	MPR-1	0.7	1.8	6.1	2.61	0.30	8.64	1200.	57.	1.
1893	0000	-853	37.0223	80.8364	MPR-1	0.8	2.0	6.4	2.59	0.30	8.51	1284.	57.	1.
1894	0000	-852	37.0223	80.8357	MPR-1	0.8	1.9	6.7	2.34	0.29	8.15	1346.	59.	2.
1895	0000	-853	37.0222	80.8351	MPR-1	0.9	1.9	6.8	2.25	0.28	7.94	1410.	60.	3.
1896	0000	-853	37.0222	80.8344	MPR-1	0.8	2.2	6.8	2.60	0.32	8.06	1455.	61.	3.
1897	0000	-852	37.0222	80.8337	MPR-1	0.8	2.0	7.3	2.59	0.28	9.40	1457.	58.	4.
1898	0000	-853	37.0222	80.8331	MPR-1	0.8	1.9	7.5	2.42	0.25	9.65	1459.	58.	4.
1899	0000	-855	37.0221	80.8325	MPR-1	0.8	1.9	7.5	2.57	0.26	10.01	1471.	59.	4.
1900	0000	-854	37.0221	80.8318	MPR-1	0.7	1.9	8.0	2.65	0.24	11.15	1474.	58.	4.
1901	0000	-853	37.0221	80.8311	MPR-1	0.7	1.9	8.1	2.74	0.23	11.75	1477.	54.	3.
1902	0000	-853	37.0221	80.8305	MPR-1	0.6	2.0	8.1	3.16	0.24	13.03	1449.	55.	2.
1903	0000	-854	37.0221	80.8298	MPR-1	0.6	1.7	8.4	2.77	0.20	13.58	1420.	54.	2.
1904	0000	-854	37.0221	80.8291	MPR-1	0.7	1.8	8.4	2.65	0.22	12.33	1424.	56.	2.
1905	0000	-853	37.0220	80.8284	MPR-1	0.7	1.7	8.4	2.46	0.20 -	12.28	1430.	57.	2.
1906	0000	-852	37.0220	80.8278	MPR-1	0.7	1.8	8.4	2.58	0.22	11.96	1443.	55.	2.
1907	0000	-854	37.0220	80.8272	MPR-1	0.7	1.8	8.3	2.47	0.22	11.18	1448.	55.	2.
1908	0000	-855	37.0220	80.8265	MPR-1	0.8	1.8	8.2	2.33	0.21	10.92	1433.	57.	3.
1909	0000	-855	37.0220	80.8259	MPR-1	0.8	1.7	8.2	2.19	0.20	10.72	1422.	55.	3.
1910	0000	-855	37.0220	80.8251	MPR-1	0.7	1.7	8.2	2.35	0.21	11.17	1401.	53.	3.
1911	0000	-856	37.0219	80.8245	MPR-1	0.7	1.7	8.0	2.52	0.21	11.82	1365.	48.	4.
1912	0000	-856	37.0219	80.8238	MPR-1	0.7	1.7	7.8	2.56	0.22	11.82	1328.	48.	4.
1913	0000	-856	37.0219	80.8232	MPR-1	0.6	1.5	7.7	2.40	0.20 -	12.15	1287.	50.	4.
1914	0000	-855	37.0218	80.8225	MPR-1	0.6	1.5	7.3	2.41	0.20 -	12.07	1265.	51.	5.
1915	0000	-856	37.0218	80.8219	MPR-1	0.6	1.4	7.4	2.42	0.19 -	12.39	1263.	53.	5.
1916	0000	-857	37.0218	80.8212	MPR-1	0.6	1.4	7.8	2.24	0.19 -	12.06	1292.	55.	4.
1917	0000	-857	37.0218	80.8205	MPR-1	0.7	1.3 -	7.6	1.81	0.17 -	10.70	1330.	57.	5.
1918	0000	-857	37.0218	80.8199	MPR-1	0.8	1.4	7.7	1.88	0.18 -	10.22	1379.	61.	4.
1919	0000	-857	37.0218	80.8192	MPR-1	0.8	1.5	7.8	1.89	0.20 -	9.51	1409.	62.	3.
1920	0000	-859	37.0217	80.8185	MPR-1	0.8	1.5	7.8	1.78	0.19 -	9.32	1434.	61.	2.
1921	0000	-858	37.0217	80.8179	MPR-1	0.9	1.4	8.0	1.56	0.18 -	8.72	1463.	60.	2.
1922	0000	-857	37.0217	80.8173	MPR-1	1.0	1.5	8.2	1.50	0.18 -	8.34	1492.	57.	2.
1923	0000	-857	37.0217	80.8166	MPR-1	1.0	1.3 -	8.3	1.27 -	0.15 -	8.25	1501.	58.	2.
1924	0000	-858	37.0217	80.8160	MPR-1	1.0	1.4	8.3	1.43	0.17 -	8.50	1467.	59.	1.
1925	0000	-858	37.0217	80.8155	MPR-1	1.0	1.3 -	8.2	1.28 -	0.16 -	8.13	1444.	57.	1.
1926	0000	-859	37.0217	80.8150	MPR-1	0.9	1.3 -	8.2	1.41	0.16 -	8.84	1428.	55.	1.
1927	0000	-860	37.0217	80.8144	MPR-1	0.9	1.2 -	8.3	1.31 -	0.15 --	8.86	1412.	55.	2.
1928	0000	-859	37.0217	80.8139	MPR-1	0.9	1.5	8.1	1.64	0.18 -	9.14	1408.	55.	2.
1929	0000	-859	37.0217	80.8133	MPR-1	0.9	1.5	8.1	1.77	0.19 -	9.26	1395.	58.	1.
1930	0000	-860	37.0217	80.8128	MPR-1	0.8	1.8	7.7	2.15	0.23	9.19	1403.	60.	1.
1931	0000	-859	37.0217	80.8122	MPR-1	0.9	2.1	7.8	2.43	0.27	8.94	1453.	57.	1.
1932	0000	-861	37.0217	80.8117	MPR-1	0.9	2.2	7.7	2.61	0.29	8.97	1488.	58.	1.
1933	0000	-863	37.0217	80.8112	MPR-1	0.9	2.2	8.0	2.41	0.28	8.72	1541.	58.	1.
1934	0000	-861	37.0217	80.8106	MPR-1	0.9	2.7	8.1	2.85	0.33	8.67	1600.	58.	0.
1935	0000	-859	37.0217	80.8101	MPR-1	1.0	2.6	8.5	2.65	0.30	8.69	1647.	59.	0.
1936	0000	-861	37.0217	80.8095	MPR-1	1.1	2.4	8.6	2.31	0.28	8.18	1691.	58.	1.
1937	0000	-861	37.0217	80.8090	MPR-1	1.1	2.4	9.0	2.24	0.27	8.26	1722.	56.	1.
1938	0000	-861	37.0217	80.8084	MPR-1	1.1	2.1	9.0	1.90	0.23	8.08	1738.	57.	1.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-864	37.0217	80.8079	MPR-1	1.1	2.1	9.2	1.82	0.22	8.16	1742.	57.	2.
1940	0000	-864	37.0217	80.8074	MPR-1	1.1	2.3	9.0	2.06	0.25	8.09	1743.	57.	2.
1941	0000	-863	37.0217	80.8068	MPR-1	1.1	2.0	8.9	1.76	0.22	7.85	1740.	57.	3.
1942	0000	-864	37.0217	80.8063	MPR-1	1.1	2.2	8.8	2.00	0.25	8.14	1730.	57.	4.
1943	0000	-863	37.0217	80.8057	MPR-1	1.1	2.3	9.0	2.16	0.25	8.57	1738.	55.	4.
1944	0000	-862	37.0217	80.8052	MPR-1	1.0	2.3	8.8	2.21	0.26	8.44	1735.	54.	4.
1945	0000	-863	37.0217	80.8047	MPR-1	1.0	2.3	8.7	2.19	0.26	8.30	1725.	54.	4.
1946	0000	-863	37.0217	80.8040	MPR-1	1.1	2.4	8.5	2.30	0.29	8.00	1740.	55.	4.
1947	0000	-862	37.0217	80.8036	MPR-1	1.1	2.3	8.6	2.11	0.27	7.78	1750.	53.	4.
1948	0000	-864	37.0217	80.8030	MPR-1	1.1	2.4	8.5	2.15	0.28	7.54	1769.	53.	4.
1949	0000	-866	37.0217	80.8025	MPR-1	1.1	2.3	9.0	2.07	0.25	8.10	1772.	51.	3.
1950	0000	-865	37.0217	80.8019	MPR-1	1.1	2.4	9.2	2.24	0.26	8.54	1775.	50.	3.
1951	0000	-865	37.0217	80.8014	MPR-1	1.1	2.3	9.3	2.05	0.24	8.40	1793.	50.	3.
1952	0000	-866	37.0217	80.8008	MPR-1	1.2	2.5	9.7	2.15	0.26	8.28	1846.	50.	3.
1953	0000	-868	37.0217	80.8003	MPR-1	1.2	2.4	9.8	1.97	0.24	8.16	1853.	51.	4.
1954	0000	-868	37.0217	80.7998	MPR-1	1.2	2.5	9.8	2.09	0.25	8.32	1842.	54.	4.
1955	0000	-867	37.0217	80.7992	MPR-1	1.2	2.5	10.0	2.12	0.25	8.52	1850.	54.	3.
1956	0000	-866	37.0217	80.7987	MPR-1	1.3	2.6	9.8	2.04	0.26	7.77	1869.	55.	3.
1957	0000	-866	37.0217	80.7981	MPR-1	1.3	2.5	9.5	1.86	0.26	7.06	1892.	57.	2.
1958	0000	-867	37.0217	80.7976	(WATER)	1.4	2.7	9.8	1.98	0.28	7.19	1895.	59.	2.
1959	0000	-868	37.0218	80.7971	(WATER)	1.3	2.5	9.7	1.96	0.26	7.55	1862.	58.	1.
1960	0000	-868	37.0218	80.7965	(WATER)	1.2	2.5	9.4	2.04	0.27	7.58	1838.	56.	1.
1961	0000	-868	37.0218	80.7960	(WATER)	1.3	2.6	9.2	2.02	0.28	7.28	1809.	56.	2.
1962	0000	-868	37.0218	80.7954	(WATER)	1.3	2.6	9.1	2.10	0.29	7.24	1779.	54.	2.
1963	0000	-870	37.0218	80.7949	(WATER)	1.2	2.6	9.0	2.17	0.29	7.40	1736.	55.	2.
1964	0000	-871	37.0218	80.7943	(WATER)	1.1	2.6	8.7	2.27	0.30	7.68	1659.	54.	2.
1965	0000	-870	37.0218	80.7938	(WATER)	1.1	2.3	7.8	2.22	0.30	7.35	1572.	54.	2.
1966	0000	-869	37.0218	80.7932	(WATER)	1.0	2.3	7.4	2.21	0.31	7.18	1498.	55.	3.
1967	0000	-869	37.0218	80.7927	(WATER)	1.0	2.1	7.3	2.09	0.28	7.39	1443.	56.	3.
1968	0000	-869	37.0218	80.7922	(WATER)	1.0	2.0	7.1	2.02	0.27	7.38	1428.	57.	4.
1969	0000	-870	37.0218	80.7916	(WATER)	0.9	1.7	7.1	1.80	0.24	7.56	1397.	57.	4.
1970	0000	-870	37.0218	80.7911	(WATER)	0.9	1.5	7.0	1.63	0.22	7.49	1377.	55.	4.
1971	0000	-870	37.0218	80.7905	(WATER)	0.9	1.5	7.2	1.63	0.21	7.87	1369.	55.	5.
1972	0000	-871	37.0218	80.7900	(WATER)	0.9	1.4	7.4	1.56	0.19	8.04	1367.	55.	4.
1973	0000	-871	37.0218	80.7895	(WATER)	0.9	1.7	7.0	1.86	0.24	7.66	1387.	54.	4.
1974	0000	-871	37.0218	80.7888	(WATER)	0.9	2.0	6.9	2.17	0.30	7.34	1412.	55.	3.
1975	0000	-870	37.0218	80.7884	(WATER)	0.9	1.9	6.9	1.95	0.27	7.32	1415.	54.	2.
1976	0000	-868	37.0218	80.7878	DH	0.9	1.9 +	6.6 +	2.08	0.29	7.06	1389.	56.	2.
1977	0000	-869	37.0218	80.7873	DH	1.0	1.9 +	6.4 +	2.03	0.30	6.72	1406.	57.	1.
1978	0000	-871	37.0218	80.7867	DH	1.0	2.0 +	6.0	2.09	0.33	6.33	1421.	55.	1.
1979	0000	-869	37.0218	80.7862	DH	1.0 +	2.1 +	6.1 +	2.03	0.34	6.04	1429.	53.	1.
1980	0000	-868	37.0218	80.7856	DH	1.0 +	1.9 +	6.3 +	1.96	0.31	6.40	1394.	55.	0.
1981	0000	-867	37.0218	80.7851	DH	1.0 +	1.6	6.3 +	1.69	0.26	6.52	1338.	52.	1.
1982	0000	-866	37.0218	80.7845	DH	0.9	1.7	6.3 +	1.92	0.27	7.08	1281.	52.	0.
1983	0000	-867	37.0218	80.7840	DH	0.9	1.6	6.1	1.92	0.27	7.16	1245.	50.	1.
1984	0000	-869	37.0218	80.7835	DH	0.8	1.6	5.7	2.16	0.29	7.43	1176.	48.	2.
1985	0000	-870	37.0218	80.7829	DH	0.7	1.5	5.4	2.09	0.28	7.43	1117.	49.	2.
1986	0000	-871	37.0218	80.7824	DH	0.6	1.5	5.0	2.45	0.29	8.38	1049.	51.	3.
1987	0000	-869	37.0218	80.7819	DH	0.6	1.3	4.7	2.36	0.28	8.45	990.	51.	3.
1988	0000	-867	37.0218	80.7813	DH	0.5	1.3	4.4	2.75	0.30	9.08	948.	52.	4.
1989	0000	-868	37.0218	80.7808	DH	0.5	1.1 -	4.1	2.37	0.27	8.69	908.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-870	37.0218	80.7802	DH	0.4	1.2	3.9	2.70	0.30	8.85	870.	53.	4.
1991	0000	-869	37.0218	80.7797	DH	0.4	1.1 -	3.7	2.63	0.30	8.91	813.	56.	4.
1992	0000	-871	37.0218	80.7791	DH	0.4 -	1.0 -	3.3 -	2.63	0.31	8.55	760.	55.	4.
1993	0000	-873	37.0218	80.7787	DH	0.4 -	1.0 -	3.1 -	2.77	0.33	8.45	715.	56.	3.
1994	0000	-871	37.0219	80.7780	DH	0.4 -	1.0 -	3.0 -	2.74	0.32	8.49	694.	55.	2.
1995	0000	-870	37.0219	80.7775	DH	0.4 -	0.9 -	2.9 -	2.41	0.29	8.18	662.	56.	2.
1996	0000	-874	37.0219	80.7770	DH	0.4 -	0.9 -	2.4 -	2.51	0.36	6.92	617.	57.	2.
1997	0000	-876	37.0219	80.7764	DH	0.4 -	0.8 --	2.2 --	2.15	0.35	6.15	583.	60.	3.
1998	0000	-876	37.0219	80.7759	DH	0.3 -	0.7 --	2.0 --	2.19	0.37 +	5.93	562.	58.	3.
1999	0000	-875	37.0219	80.7753	DH	0.3 -	0.8 --	2.0 --	2.70	0.37 +	7.26	544.	59.	3.
2000	0000	-875	37.0219	80.7748	DLMU-1	0.3	0.7 -	2.1 -	2.51	0.32	7.85	546.	59.	4.
2001	0000	-876	37.0219	80.7743	DLMU-1	0.3	0.5 --	2.0 -	1.83 -	0.26	6.98	547.	62.	4.
2002	0000	-876	37.0219	80.7737	DLMU-1	0.3	0.5 --	2.2 -	1.72 -	0.24 -	7.15	566.	62.	5.
2003	0000	-875	37.0219	80.7732	DLMU-1	0.3	0.6 -	2.4 -	2.12	0.27	7.97	607.	60.	4.
2004	0000	-876	37.0219	80.7726	DLMU-1	0.3	0.6 -	3.0	1.93	0.21 -	9.11	646.	59.	3.
2005	0000	-877	37.0219	80.7721	DLMU-1	0.4	0.7 -	3.3	1.88	0.21 -	8.98	704.	60.	3.
2006	0000	-877	37.0219	80.7715	DLMU-1	0.5	0.7 -	3.7	1.50 -	0.19 -	8.09	771.	61.	2.
2007	0000	-877	37.0219	80.7710	DLMU-1	0.6	0.8 -	4.1	1.48 -	0.21 -	7.21	869.	60.	1.
2008	0000	-879	37.0219	80.7705	DLMU-1	0.7	1.1	4.6	1.64 -	0.23 -	6.99	972.	57.	0.
2009	0000	-878	37.0219	80.7700	DLMU-1	0.7	1.4	4.9	1.90	0.29	6.53	1080.	56.	0.
2010	0000	-877	37.0219	80.7693	DLMU-1	0.8 +	1.4	5.6 +	1.65 -	0.25	6.65	1196.	57.	0.
2011	0000	-876	37.0219	80.7688	DLMU-1	1.0 +	1.6	5.9 +	1.62 -	0.27	5.97 -	1319.	58.	1.
2012	0000	-875	37.0219	80.7683	DLMU-1	1.1 +	1.7	6.4 +	1.47 -	0.26	5.68 -	1418.	58.	2.
2013	0000	-877	37.0219	80.7677	DLMU-1	1.2 +	1.8	6.6 +	1.48 -	0.27	5.50 -	1503.	56.	3.
2014	0000	-877	37.0219	80.7672	DLMU-2	1.3	1.8	7.3 -	1.41	0.24	5.78	1565.	55.	4.
2015	0000	-876	37.0219	80.7667	DLMU-2	1.3	1.7	7.8	1.36	0.22	6.05	1640.	56.	6.
2016	0000	-877	37.0219	80.7661	DLMU-2	1.3	1.4 -	8.3	1.04 -	0.17 -	6.23	1677.	56.	7.
2017	0000	-877	37.0219	80.7656	DLMU-2	1.4	1.6 -	8.2	1.14 -	0.19 -	6.03	1700.	56.	7.
2018	0000	-877	37.0219	80.7650	DLMU-2	1.3	1.5 -	8.3	1.13 -	0.18 -	6.30	1700.	56.	7.
2019	0000	-878	37.0219	80.7645	DLMU-2	1.3	1.6 -	8.3	1.27	0.19 -	6.53	1690.	56.	6.
2020	0000	-877	37.0219	80.7640	DLMU-2	1.3	1.5 -	8.7	1.20 -	0.17 -	6.89	1674.	57.	6.
2021	0000	-877	37.0219	80.7635	DLMU-2	1.3	1.6 -	8.4	1.28	0.19 -	6.67	1653.	58.	5.
2022	0000	-878	37.0219	80.7628	DLMU-2	1.3	1.7 -	8.3	1.30	0.20 -	6.45	1638.	56.	3.
2023	0000	-877	37.0219	80.7624	DLMU-2	1.3	2.0	8.2	1.53	0.24	6.39	1636.	57.	2.
2024	0000	-879	37.0219	80.7618	DLMU-2	1.3	2.0	8.0	1.55	0.25	6.30	1605.	57.	2.
2025	0000	-881	37.0219	80.7612	DLMU-2	1.3	1.9	7.9	1.55	0.25	6.25	1574.	57.	2.
2026	0000	-880	37.0219	80.7607	DLMU-2	1.2	1.9	7.7	1.63	0.25	6.48	1534.	56.	2.
2027	0000	-880	37.0219	80.7601	DLMU-1	1.2 +	1.9	6.9 ++	1.66 -	0.28	6.03 -	1477.	56.	3.
2028	0000	-880	37.0219	80.7596	STC-2	1.0 +	1.8	6.5	1.73	0.27	6.37 -	1400.	56.	5.
2029	0000	-879	37.0219	80.7591	STC-2	0.9 +	1.7	5.8	1.96	0.30	6.55 -	1288.	56.	5.
2030	0000	-878	37.0219	80.7585	STC-2	0.8	1.5	5.1	2.00	0.29	6.83 -	1164.	56.	6.
2031	0000	-877	37.0219	80.7580	STC-2	0.7	1.1	4.6	1.74	0.25	7.09 -	1049.	55.	7.
2032	0000	-879	37.0219	80.7574	STC-2	0.5	1.0	4.0 -	1.81	0.24	7.37	931.	58.	7.
2033	0000	-881	37.0219	80.7569	STC-1	0.5 ++	0.7 -	3.5	1.38 --	0.20 -	7.01 --	829.	61.	7.
2034	0000	-879	37.0219	80.7563	STC-1	0.4 +	0.6 -	3.3	1.47 --	0.18 -	8.11 -	741.	61.	7.
2035	0000	-878	37.0219	80.7559	STC-1	0.4 +	0.6 -	2.8	1.45 --	0.21 -	7.03 --	664.	63.	7.
2036	0000	-879	37.0219	80.7553	STC-1	0.3 +	0.6 -	2.7	1.71 --	0.21 -	8.20 -	596.	65.	7.
2037	0000	-878	37.0219	80.7548	STC-1	0.3	0.6 -	2.3 -	2.06 -	0.25 -	8.30 -	547.	65.	6.
2038	0000	-879	37.0219	80.7542	STC-1	0.2	0.7 -	2.2 -	2.97	0.33	8.94 -	516.	66.	6.
2039	0000	-881	37.0219	80.7536	STC-1	0.2	0.8	2.1 -	4.08	0.39	10.56	492.	63.	4.
2040	0000	-880	37.0219	80.7531	STC-1	0.2 -	0.8	2.2 -	4.98	0.39	12.88	477.	62.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-879	37.0219	80.7525	STC-1	0.1 -	1.0	2.1 -	7.97 +	0.47	17.06 +	466.	64.	2.
2042	0000	-880	37.0219	80.7520	STC-1	0.1 --	1.0	2.1 -	9.21 +	0.46	20.21 +	462.	66.	1.
2043	0000	-880	37.0219	80.7515	STC-1	0.1 -	0.9	2.0 -	7.52 +	0.46	16.40	468.	66.	1.
2044	0000	-880	37.0219	80.7509	STC-1	0.1 -	0.9	2.3 -	7.24 +	0.39	18.44 +	480.	66.	0.
2045	0000	-881	37.0219	80.7504	STC-1	0.1 -	0.7	2.8	5.21	0.27	19.21 +	498.	65.	0.
2046	0000	-882	37.0220	80.7498	STC-1	0.1 -	0.8	2.9	5.99	0.30	20.21 +	520.	65.	0.
2047	0000	-880	37.0220	80.7493	STC-1	0.2 -	1.0	3.2	6.37	0.30	20.93 +	551.	65.	0.
2048	0000	-880	37.0220	80.7488	STC-1	0.2	1.0	3.1	4.90	0.31	15.66	580.	64.	0.
2049	0000	-883	37.0220	80.7482	STC-1	0.2	1.1	3.4	5.38	0.31	17.15 +	623.	60.	0.
2050	0000	-883	37.0220	80.7477	STC-1	0.2	1.0	3.7 +	4.81	0.28	17.21 +	656.	59.	0.
2051	0000	-881	37.0220	80.7472	STC-1	0.2	1.2	3.9 +	5.39	0.32	16.90 +	703.	59.	1.
2052	0000	-880	37.0220	80.7466	STC-1	0.2	1.6 +	3.9 +	7.67 +	0.41	18.65 +	743.	59.	1.
2053	0000	-880	37.0220	80.7460	STC-2	0.3 -	1.6	4.3 -	6.00 +	0.36 +	16.52	788.	58.	1.
2054	0000	-882	37.0220	80.7455	STC-1	0.2	1.7 +	3.9 +	7.42 +	0.43	17.08 +	810.	57.	1.
2055	0000	-883	37.0220	80.7449	STC-2	0.2 -	1.7	4.2 -	7.68 +	0.40 +	19.17 +	821.	58.	0.
2056	0000	-882	37.0220	80.7444	STC-2	0.2 -	1.7	4.2 -	6.94 +	0.39 +	17.60 +	817.	60.	0.
2057	0000	-881	37.0220	80.7439	STC-2	0.2 -	1.7	4.2 -	7.26 +	0.40 +	18.31 +	816.	59.	1.
2058	0000	-879	37.0220	80.7433	STC-2	0.3 -	1.5	4.2 -	5.82 +	0.35	16.62	792.	58.	1.
2059	0000	-879	37.0220	80.7428	STC-1	0.3	1.2	4.0 +	4.46	0.30	14.79	754.	60.	2.
2060	0000	-881	37.0220	80.7422	STC-1	0.2	1.0	3.7 +	4.08	0.26	15.48	706.	61.	3.
2061	0000	-881	37.0220	80.7417	STC-1	0.3	0.8	3.7 +	3.05	0.23 -	13.33	674.	60.	4.
2062	0000	-881	37.0220	80.7412	STC-1	0.3	0.8	3.5	2.70 -	0.23 -	11.78 -	656.	58.	4.
2063	0000	-880	37.0220	80.7406	STC-1	0.3	0.8	3.3	2.75 -	0.26	10.79	637.	56.	4.
2064	0000	-879	37.0220	80.7401	STC-1	0.3	0.8	2.9	2.49 -	0.27	9.39 -	610.	57.	5.
2065	0000	-881	37.0220	80.7396	STC-1	0.3	0.6 -	2.7	2.29 -	0.23 -	10.06	589.	56.	6.
2066	0000	-881	37.0220	80.7390	DLMU-1	0.2	0.7 -	2.5 -	2.92	0.27	10.71	584.	51.	6.
2067	0000	-880	37.0220	80.7384	DLMU-1	0.2	0.9 -	2.3 -	3.79	0.39	9.75	593.	49.	6.
2068	0000	-882	37.0220	80.7379	DLMU-1	0.2	0.9 -	2.3 -	3.85	0.38	10.06	602.	48.	6.
2069	0000	-882	37.0220	80.7374	DLMU-1	0.2	0.7 -	2.4 -	3.17	0.31	10.17	619.	47.	7.
2070	0000	-880	37.0220	80.7368	DLMU-1	0.2	0.6 -	2.6 -	2.58	0.24	10.62	638.	48.	7.
2071	0000	-880	37.0220	80.7362	DLMU-1	0.3	0.8 -	2.6 -	2.71	0.31	8.66	677.	48.	7.
2072	0000	-881	37.0220	80.7358	DLMU-1	0.3	1.1	2.9	3.44	0.40	8.64	728.	47.	6.
2073	0000	-881	37.0220	80.7352	DLMU-1	0.4	1.2	3.4	3.30	0.36	9.09	783.	50.	5.
2074	0000	-881	37.0220	80.7346	DLMU-1	0.4	1.2	4.0	2.77	0.30	9.29	851.	52.	4.
2075	0000	-881	37.0220	80.7341	DLMU-1	0.5	1.4	4.1	2.84	0.34	8.39	930.	53.	4.
2076	0000	-881	37.0220	80.7336	DLMU-1	0.5	1.6	3.9	3.07	0.42	7.36	1004.	54.	3.
2077	0000	-880	37.0220	80.7330	DLMU-1	0.6	1.6	4.2	2.72	0.39	6.90	1087.	55.	2.
2078	0000	-880	37.0220	80.7325	DLMU-1	0.7	1.5	4.6	2.13	0.34	6.28	1172.	56.	2.
2079	0000	-880	37.0220	80.7320	DLMU-1	0.8 +	1.4	5.0	1.73 -	0.29	6.04 -	1243.	56.	2.
2080	0000	-879	37.0220	80.7314	DLMU-1	0.9 +	1.5	5.0	1.63 -	0.30	5.48 -	1317.	55.	2.
2081	0000	-877	37.0220	80.7309	DLMU-1	1.0 +	1.8	5.0	1.75 -	0.35	5.03 -	1377.	54.	2.
2082	0000	-867	37.0220	80.7302	DLMU-1	1.1 +	1.8	5.7 +	1.66 -	0.31	5.32 -	1419.	53.	1.
2083	0000	-858	37.0220	80.7295	CR-1	1.1	1.8	6.2	1.57	0.29	5.50	1474.	52.	1.
2084	0000	-862	37.0220	80.7288	CR-1	1.2	2.0	6.4	1.73	0.32	5.46	1536.	50.	1.
2085	0000	-870	37.0220	80.7282	CR-1	1.2	2.3	6.8	1.89	0.34	5.51	1629.	49.	0.
2086	0000	-875	37.0220	80.7274	CR-1	1.5	2.6 +	7.0	1.73	0.37	4.72	1788.	48.	0.
2087	0000	-879	37.0220	80.7268	CR-1	1.9 +	2.7 +	7.3	1.43	0.37	3.83	2001.	50.	0.
2088	0000	-881	37.0220	80.7261	CR-1	2.3 +	2.8 +	7.6	1.22	0.37	3.29 -	2223.	48.	0.
2089	0000	-880	37.0219	80.7254	CR-2	2.7 -	2.8 +	7.5	1.05 +++	0.37 +	2.81 ++	2451.	47.	0.
2090	0000	-880	37.0219	80.7247	CR-2	3.2 -	2.9 +	8.0	0.92 ++	0.36 +	2.52 +	2701.	50.	0.
2091	0000	-881	37.0219	80.7240	CR-2	3.7	3.0 +	8.1	0.80 +	0.36 +	2.19	2986.	50.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-882	37.0219	80.7234	CR-2	4.1	2.8 +	8.3	0.69 +	0.34 +	2.01	3176.	51.	0.
2093	0000	-883	37.0219	80.7227	CR-2	4.3	2.8 +	8.0	0.65	0.35 +	1.86	3274.	51.	1.
2094	0000	-883	37.0219	80.7221	CR-2	4.3	2.7	8.1	0.61	0.33	1.87	3289.	51.	1.
2095	0000	-885	37.0219	80.7214	CR-2	4.3	2.5	8.3	0.58	0.30	1.94	3268.	52.	1.
2096	0000	-887	37.0219	80.7207	CR-2	4.3	2.4	8.5	0.55	0.28	1.98	3264.	52.	1.
2097	0000	-887	37.0219	80.7200	CR-2	4.2	2.5	8.4	0.61	0.30	2.01	3216.	50.	1.
2098	0000	-888	37.0219	80.7194	CR-2	3.9	2.6	8.6	0.67 +	0.31	2.18	3091.	52.	1.
2099	0000	-886	37.0219	80.7187	CR-2	3.7	2.6	8.5	0.71 +	0.31	2.31 +	2984.	53.	2.
2100	0000	-882	37.0219	80.7180	CR-2	3.6	2.7	8.7	0.75 +	0.30	2.46 +	2920.	54.	2.
2101	0000	-883	37.0219	80.7173	CR-2	3.4	2.6	8.9	0.74 +	0.29	2.59 +	2873.	55.	3.
2102	0000	-884	37.0219	80.7166	CR-2	3.4 -	2.7 +	8.8	0.81 +	0.31	2.60 +	2846.	56.	3.
2103	0000	-882	37.0218	80.7159	CR-2	3.4 -	2.8 +	8.7	0.81 +	0.32	2.56 +	2837.	56.	3.
2104	0000	-881	37.0218	80.7153	CR-2	3.5	2.6	9.0	0.75 +	0.29	2.59 +	2870.	58.	4.
2105	0000	-881	37.0218	80.7146	CR-2	3.6	2.5	9.3 +	0.69 +	0.26	2.62 +	2919.	56.	3.
2106	0000	-881	37.0218	80.7139	CR-2	3.7	2.5	9.6 +	0.67 +	0.26	2.60 +	2998.	54.	3.
2107	0000	-883	37.0218	80.7132	CR-2	3.8	2.6	9.7 +	0.67 +	0.26	2.54 +	3048.	55.	2.
2108	0000	-883	37.0218	80.7125	CR-2	3.9	2.6	9.5 +	0.66 +	0.28	2.40 +	3081.	56.	1.
2109	0000	-884	37.0218	80.7119	CR-2	3.9	2.7 +	9.6 +	0.70 +	0.29	2.44 +	3091.	57.	1.
2110	0000	-883	37.0218	80.7112	CR-2	3.8	2.8 +	9.3 +	0.75 +	0.30	2.46 +	3016.	57.	0.
2111	0000	-881	37.0218	80.7106	CR-2	3.6	2.9 +	8.8	0.79 +	0.32	2.45 +	2920.	57.	0.
2112	0000	-881	37.0217	80.7098	CR-2	3.5	2.9 +	8.4	0.82 +	0.35 +	2.37 +	2848.	59.	0.
2113	0000	-882	37.0217	80.7092	CR-2	3.5	3.1 +	8.1	0.90 ++	0.39 ++	2.31 +	2795.	60.	0.
2114	0000	-882	37.0217	80.7085	CR-2	3.5	2.9 +	8.3	0.83 +	0.35 +	2.35 +	2786.	58.	0.
2115	0000	-882	37.0217	80.7078	CR-2	3.6	3.0 +	8.4	0.85 ++	0.36 +	2.32 +	2828.	59.	0.
2116	0000	-883	37.0217	80.7071	CR-2	3.8	3.1 +	8.3	0.82 +	0.37 +	2.21	2914.	59.	0.
2117	0000	-883	37.0217	80.7065	CR-2	4.0	3.1 +	8.8	0.77 +	0.35 +	2.18	3046.	60.	0.
2118	0000	-881	37.0217	80.7058	CR-2	4.3	3.1 +	9.0	0.72 +	0.34 +	2.12	3175.	60.	0.
2119	0000	-881	37.0217	80.7051	CR-2	4.4	3.1 +	9.5 +	0.70 +	0.32	2.16	3298.	57.	0.
2120	0000	-882	37.0216	80.7044	CR-2	4.5	3.2 +	9.7 +	0.70 +	0.33	2.14	3409.	58.	0.
2121	0000	-881	37.0216	80.7037	CR-2	4.6	3.4 ++	9.4 +	0.73 +	0.36 +	2.04	3468	60.	0.
2122	0000	-880	37.0216	80.7031	CR-2	4.6	3.3 ++	9.3	0.71 +	0.36 +	2.00	3481.	58.	0.
2123	0000	-879	37.0216	80.7024	CR-2	4.6	2.8 +	9.2	0.62	0.31	2.00	3463.	57.	0.
2124	0000	-880	37.0216	80.7017	CR-2	4.6	2.6	9.0	0.56	0.28	1.98	3424.	57.	1.
2125	0000	-880	37.0216	80.7010	CR-2	4.5	2.4	8.7	0.55	0.28	1.96	3355.	56.	1.
2126	0000	-880	37.0216	80.7003	CR-2	4.5	2.3	8.4	0.50	0.27	1.87	3344.	56.	1.
2127	0000	-880	37.0215	80.6996	CR-2	4.6	2.0	8.4	0.43	0.24	1.81	3354.	54.	1.
2128	0000	-882	37.0215	80.6990	CR-2	4.7	1.9	8.8	0.42	0.22	1.88	3402.	50.	1.
2129	0000	-882	37.0215	80.6984	CR-2	4.8	2.0	9.1	0.42	0.22	1.90	3495.	51.	1.
2130	0000	-881	37.0215	80.6977	CR-2	5.0 +	2.4	9.4 +	0.48	0.25	1.89	3604.	50.	0.
2131	0000	-880	37.0215	80.6970	CR-2	5.1 +	2.5	9.9 +	0.49	0.25	1.93	3705.	49.	0.
2132	0000	-881	37.0215	80.6963	CR-2	5.3 +	2.5	10.2 +	0.46	0.24	1.92	3795.	50.	0.
2133	0000	-882	37.0215	80.6956	CR-2	5.4 +	2.4	10.4 +	0.44	0.23	1.91	3840.	50.	0.
2134	0000	-881	37.0215	80.6949	CR-2	5.2 +	2.5	10.5 ++	0.49	0.24	2.02	3761.	50.	0.
2135	0000	-882	37.0215	80.6943	CR-2	5.0 +	2.5	9.8 +	0.50	0.26	1.96	3633.	54.	0.
2136	0000	-882	37.0215	80.6936	CR-2	4.8	2.3	10.0 +	0.48	0.23	2.08	3502.	52.	0.
2137	0000	-882	37.0215	80.6929	CR-2	4.5	2.1	9.9 +	0.45	0.21 -	2.17	3372.	53.	0.
2138	0000	-882	37.0215	80.6922	CR-2	4.3	2.1	9.6 +	0.49	0.22	2.23	3257.	53.	0.
2139	0000	-882	37.0215	80.6915	CR-2	4.0	2.1	9.4 +	0.54	0.23	2.36 +	3127.	52.	0.
2140	0000	-881	37.0215	80.6909	CR-2	3.7	2.2	9.0	0.58	0.24	2.41 +	2990.	53.	0.
2141	0000	-880	37.0215	80.6902	CR-2	3.7	2.1	8.8	0.57	0.24	2.35 +	3009.	54.	1.
2142	0000	-881	37.0215	80.6895	CR-2	3.8	2.2	9.1	0.58	0.24	2.39 +	3079.	54.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	CDS CPS	UAIR CPS
2143	0000	-884	37.0214	80.6888	CR-2	3.9	2.2	9.0	0.57	0.25	2.30 +	3124.	57.	2.
2144	0000	-884	37.0214	80.6882	CR-2	4.0	2.1	8.8	0.53	0.24	2.20	3152.	55.	3.
2145	0000	-882	37.0214	80.6874	CR-2	4.0	2.1	8.4	0.53	0.25	2.09	3164.	56.	4.
2146	0000	-880	37.0214	80.6868	CR-2	4.1	2.2	8.1	0.54	0.28	1.94	3201.	54.	5.
2147	0000	-881	37.0214	80.6861	CR-2	4.2	2.2	8.2	0.53	0.27	1.97	3204.	53.	5.
2148	0000	-881	37.0214	80.6855	CR-2	4.1	2.0	7.9	0.48	0.25	1.91	3111.	53.	5.
2149	0000	-881	37.0214	80.6847	CR-2	3.8	1.8	7.2	0.46	0.25	1.87	2914.	52.	6.
2150	0000	-882	37.0213	80.6841	CR-2	3.4	1.9	5.8 -	0.55	0.32	1.70	2621.	50.	5.
2151	0000	-882	37.0213	80.6834	CR-2	3.0 -	1.6 -	5.0 --	0.55	0.33	1.68	2279.	50.	5.
2152	0000	-882	37.0213	80.6827	(WATER)	2.5	1.4	4.3	0.56	0.32	1.73	1914.	48.	5.
2153	0000	-882	37.0213	80.6821	(WATER)	1.9	1.0	3.7	0.52	0.27	1.88	1539.	50.	5.
2154	0000	-884	37.0213	80.6814	(WATER)	1.4	0.8	2.7	0.56	0.29	1.93	1177.	49.	4.
2155	0000	-883	37.0213	80.6807	(WATER)	1.0	0.6	2.2	0.65	0.29	2.24	881.	48.	5.
2156	0000	-882	37.0213	80.6800	(WATER)	0.7	0.6	1.9	0.86	0.31	2.75	712.	49.	4.
2157	0000	-883	37.0213	80.6794	(WATER)	0.6	0.5	2.6	0.88	0.20	4.48	685.	50.	4.
2158	0000	-882	37.0213	80.6787	(WATER)	0.6	0.8	3.1	1.39	0.26	5.35	762.	52.	3.
2159	0000	-882	37.0213	80.6780	(WATER)	0.6	1.0	3.7	1.60	0.28	5.82	878.	52.	3.
2160	0000	-882	37.0213	80.6773	CR-1	0.7 -	1.5 -	4.1 -	2.01	0.36	5.53	1039.	54.	3.
2161	0000	-881	37.0213	80.6766	CR-1	0.9	1.6	4.8 -	1.76	0.33	5.39	1205.	55.	4.
2162	0000	-880	37.0213	80.6759	CR-1	0.9	1.8	6.0	1.93	^ 31	6.28	1356.	56.	4.
2163	0000	-881	37.0213	80.6753	CR-1	1.0	2.2	6.9	2.22	0.32	6.91	1483.	57.	3.
2164	0000	-881	37.0213	80.6747	CR-1	1.1	2.3	7.3	2.19	0.32	6.78	1589.	54.	3.
2165	0000	-882	37.0213	80.6739	CR-1	1.3	2.3	7.6	1.85	0.31	6.01	1713.	53.	3.
2166	0000	-883	37.0212	80.6733	CR-1	1.6	2.5 +	8.3	1.52	0.30	5.09	1939.	53.	3.
2167	0000	-883	37.0212	80.6725	CR-1	2.2 +	2.4 +	9.3 +	1.12	0.26	4.29	2231.	52.	2.
2168	0000	-882	37.0212	80.6719	CR-2	2.7 -	2.6	9.6 +	0.96 ++	0.27	3.53 +++	2537.	52.	1.
2169	0000	-880	37.0212	80.6712	CR-2	3.2 -	2.8 +	9.7 +	0.87 ++	0.29	2.99 ++	2854.	51.	0.
2170	0000	-881	37.0212	80.6706	CR-2	3.8	2.8 +	9.7 +	0.75 +	0.29	2.59 +	3126.	50.	0.
2171	0000	-881	37.0212	80.6699	CR-2	4.2	2.7	10.1 +	0.64	0.26	2.41 +	3337.	52.	0.
2172	0000	-880	37.0212	80.6692	CR-2	4.4	2.8 +	10.5 ++	0.63	0.27	2.36 +	3484.	53.	0.
2173	0000	-879	37.0211	80.6685	CR-2	4.5	2.7 +	10.1 +	0.60	0.27	2.24	3527.	53.	1.
2174	0000	-878	37.0211	80.6678	CR-2	4.5	2.7	9.4 +	0.60	0.28	2.11	3480.	54.	2.
2175	0000	-878	37.0211	80.6671	CR-2	4.4	2.7 +	9.1	0.62	0.30	2.08	3443.	54.	2.
2176	0000	-881	37.0211	80.6665	CR-2	4.4	2.6	8.9	0.59	0.29	2.04	3394.	55.	3.
2177	0000	-884	37.0211	80.6658	CR-2	4.3	2.4	8.8	0.56	0.27	2.04	3348.	54.	4.
2178	0000	-882	37.0211	80.6651	CR-2	4.3	2.6	8.3	0.59	0.31	1.92	3353.	54.	4.
2179	0000	-882	37.0211	80.6645	CR-2	4.4	2.6	7.9	0.60	0.33 +	1.82	3389.	53.	5.
2180	0000	-882	37.0211	80.6637	CR-2	4.5	2.7 +	7.9	0.61	0.35 +	1.75	3446.	54.	5.
2181	0000	-881	37.0211	80.6631	CR-2	4.7	2.8 +	8.3	0.59	0.34 +	1.75	3559.	52.	4.
2182	0000	-881	37.0210	80.6624	CR-2	4.9	2.9 +	8.2	0.59	0.35 +	1.67	3636.	50.	5.
2183	0000	-882	37.0210	80.6617	CR-2	5.0 +	2.7 +	8.3	0.54	0.33	1.67	3694.	50.	5.
2184	0000	-881	37.0210	80.6610	CR-2	5.1 +	2.7 +	8.7	0.54	0.31	1.70	3755.	49.	5.
2185	0000	-881	37.0210	80.6604	CR-2	5.1 +	2.6	8.8	0.52	0.30	1.74	3715.	49.	5.
2186	0000	-880	37.0210	80.6596	CR-2	5.0 +	2.4	8.6	0.49	0.28	1.73	3626.	50.	6.
2187	0000	-879	37.0210	80.6590	CR-2	4.9	2.3	8.6	0.46	0.26	1.76	3574.	50.	6.
2188	0000	-881	37.0210	80.6584	CR-2	4.6	2.0	8.7	0.44	0.23	1.88	3457.	52.	5.
2189	0000	-883	37.0210	80.6577	CR-2	4.3	1.9	8.7	0.44	0.22	1.99	3320.	53.	4.
2190	0000	-883	37.0210	80.6570	CR-2	4.2	1.8	8.3	0.43	0.22 -	1.98	3208.	54.	4.
2191	0000	-884	37.0210	80.6563	CR-2	4.0	1.9	7.9	0.48	0.25	1.95	3129.	54.	4.
2192	0000	-884	37.0210	80.6557	CR-2	4.0	2.1	7.5	0.51	0.27	1.87	3145.	56.	3.
2193	0000	-883	37.0210	80.6549	CR-2	4.1	2.0	8.0	0.50	0.26	1.94	3197.	54.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-881	37.0210	80.6543	CR-2	4.1	2.0	7.9	0.49	0.25	1.93	3176.	55.	3.
2195	0000	-880	37.0210	80.6536	CR-2	4.1	2.1	7.7	0.50	0.27	1.88	3169.	52.	2.
2196	0000	-881	37.0209	80.6529	CR-2	4.2	2.0	8.1	0.48	0.25	1.92	3221.	53.	3.
2197	0000	-880	37.0209	80.6522	CR-2	4.3	2.2	8.1	0.51	0.27	1.89	3264.	53.	4.
2198	0000	-880	37.0209	80.6516	CR-2	4.3	2.0	8.1	0.47	0.25	1.90	3270.	55.	4.
2199	0000	-881	37.0209	80.6509	CR-2	4.4	1.7	8.6	0.39 -	0.20 -	1.97	3293.	57.	4.
2200	0000	-880	37.0209	80.6502	CR-2	4.3	1.8	8.4	0.41 -	0.21 -	1.94	3299.	60.	5.
2201	0000	-879	37.0209	80.6495	CR-2	4.4	1.9	8.5	0.43	0.22	1.94	3318.	59.	4.
2202	0000	-881	37.0209	80.6488	CR-2	4.4	2.0	8.3	0.45	0.24	1.88	3316.	60.	5.
2203	0000	-882	37.0209	80.6482	CR-2	4.3	2.0	8.0	0.45	0.24	1.87	3275.	60.	4.
2204	0000	-882	37.0208	80.6475	CR-2	4.2	2.0	8.0	0.47	0.25	1.89	3231.	61.	4.
2205	0000	-882	37.0208	80.6469	CR-2	4.4	2.0	8.0	0.46	0.25	1.82	3258.	60.	4.
2206	0000	-881	37.0208	80.6461	CR-2	4.4	2.1	8.1	0.49	0.26	1.85	3273.	57.	4.
2207	0000	-881	37.0208	80.6455	CR-2	4.5	2.2	8.5	0.47	0.25	1.86	3338.	54.	4.
2208	0000	-882	37.0208	80.6448	CR-2	4.7	2.2	8.9	0.47	0.25	1.89	3428.	53.	5.
2209	0000	-882	37.0208	80.6441	CR-2	4.8	2.3	9.0	0.48	0.25	1.90	3483.	52.	5.
2210	0000	-883	37.0208	80.6434	CR-2	4.8	2.3	9.4 +	0.48	0.25	1.96	3523.	52.	4.
2211	0000	-883	37.0208	80.6427	CR-2	4.8	2.4	9.5 +	0.49	0.25	2.00	3530.	51.	4.
2212	0000	-882	37.0208	80.6421	CR-2	4.6	2.4	9.5 +	0.51	0.25	2.05	3477.	51.	3.
2213	0000	-882	37.0208	80.6414	CR-2	4.5	2.3	9.2	0.53	0.25	2.07	3387.	51.	3.
2214	0000	-882	37.0208	80.6407	CR-2	4.2	2.4	8.7	0.57	0.28	2.06	3250.	52.	2.
2215	0000	-882	37.0208	80.6400	CR-2	4.0	2.4	8.0	0.61	0.30	2.02	3119.	52.	1.
2216	0000	-883	37.0207	80.6394	CR-2	3.9	2.4	8.0	0.61	0.30	2.07	3084.	51.	1.
2217	0000	-883	37.0207	80.6387	CR-2	4.0	2.4	8.1	0.58	0.29	2.00	3152.	51.	2.
2218	0000	-882	37.0207	80.6380	CR-2	4.4	2.3	9.0	0.52	0.25	2.07	3310.	52.	3.
2219	0000	-881	37.0207	80.6373	CR-2	4.6	2.2	9.3 +	0.48	0.24	2.02	3452.	54.	4.
2220	0000	-881	37.0207	80.6366	CR-2	4.8	2.2	9.3 +	0.46	0.24	1.92	3602.	53.	5.
2221	0000	-883	37.0207	80.6359	CR-2	5.1 +	2.0	9.4 +	0.39 -	0.21 -	1.82	3749.	52.	7.
2222	0000	-881	37.0207	80.6353	CR-2	5.5 +	2.0	9.4 +	0.37 -	0.21 -	1.71	3881.	54.	7.
2223	0000	-880	37.0207	80.6347	CR-2	5.7 +	1.9	9.5 +	0.33 -	0.20 -	1.68	3961.	56.	7.
2224	0000	-881	37.0207	80.6339	CR-2	5.8 ++	2.0	9.8 +	0.34 -	0.20 -	1.69	3979.	54.	6.
2225	0000	-882	37.0207	80.6333	CR-2	5.7 ++	2.1	9.0	0.36 -	0.23	1.58 -	3919.	55.	6.
2226	0000	-881	37.0207	80.6326	CR-2	5.7 ++	2.1	8.7	0.37 -	0.24	1.53 -	3881.	51.	5.
2227	0000	-881	37.0206	80.6319	CR-2	5.7 +	2.3	8.6	0.40 -	0.27	1.53 -	3822.	52.	3.
2228	0000	-881	37.0206	80.6312	CR-2	5.5 +	2.4	9.0	0.42	0.26	1.62 -	3767.	54.	2.
2229	0000	-882	37.0206	80.6306	CR-2	5.4 +	2.3	9.2	0.43	0.25	1.71	3731.	55.	2.
2230	0000	-882	37.0206	80.6299	CR-2	5.3 +	2.4	9.2	0.45	0.26	1.74	3697.	57.	2.
2231	0000	-883	37.0206	80.6292	CR-2	5.1 +	2.3	9.0	0.45	0.26	1.76	3662.	57.	3.
2232	0000	-883	37.0206	80.6285	CR-2	5.0 +	2.3	8.9	0.46	0.26	1.78	3610.	55.	4.
2233	0000	-882	37.0206	80.6278	CR-2	4.7	2.4	9.2	0.51	0.26	1.96	3486.	54.	5.
2234	0000	-882	37.0206	80.6272	CR-2	4.4	2.3	9.2	0.53	0.25	2.09	3388.	54.	6.
2235	0000	-883	37.0206	80.6265	CR-2	4.2	2.6	8.8	0.62	0.30	2.08	3304.	53.	6.
2236	0000	-882	37.0206	80.6258	CR-2	4.2	2.7	9.0	0.63	0.30	2.13	3276.	52.	5.
2237	0000	-881	37.0206	80.6252	CR-2	4.1	2.7 +	8.5	0.66 +	0.32	2.05	3205.	50.	5.
2238	0000	-882	37.0207	80.6245	CR-2	4.0	2.8 +	8.0	0.71 +	0.35 +	2.02	3074.	53.	4.
2239	0000	-882	37.0207	80.6239	CR-2	3.8	2.8 +	7.5	0.74 +	0.37 +	1.97	2994.	55.	3.
2240	0000	-882	37.0207	80.6232	CR-2	3.9	2.6	7.2	0.65	0.35 +	1.84	3004.	57.	2.
2241	0000	-883	37.0206	80.6226	CR-2	4.2	2.5	6.8	0.59	0.36 +	1.64	3052.	55.	1.
2242	0000	-882	37.0207	80.6220	CR-2	4.4	2.1	7.1	0.49	0.30	1.63 -	3120.	54.	1.
2243	0000	-882	37.0207	80.6212	CR-2	4.5	2.0	6.8 -	0.45	0.30	1.51 -	3147.	56.	1.
2244	0000	-883	37.0207	80.6206	CR-2	4.7	1.8	7.2	0.39 -	0.25	1.53 -	3242.	56.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-882	37.0207	80.6200	CR-2	4.9	1.9	6.8	0.39 -	0.28	1.40 -	3352.	54.	1.
2246	0000	-883	37.0207	80.6193	CR-2	5.2 +	1.9	7.2	0.37 -	0.27	1.39 -	3460.	52.	1.
2247	0000	-884	37.0207	80.6187	CR-2	5.2 +	2.1	7.1	0.41 -	0.30	1.36 --	3551.	53.	2.
2248	0000	-883	37.0207	80.6180	CR-2	5.3 +	2.3	7.4	0.44	0.31	1.40 -	3616.	55.	2.
2249	0000	-882	37.0208	80.6174	CR-2	5.4 +	2.5	7.2	0.47	0.35 +	1.34 ---	3637.	56.	2.
2250	0000	-884	37.0208	80.6167	CR-2	5.2 +	2.8 +	7.2	0.53	0.39 +	1.38 --	3631.	55.	2.
2251	0000	-884	37.0208	80.6161	CR-2	5.1 +	2.9 +	6.8	0.56	0.42 ++	1.33 --	3597.	54.	2.
2252	0000	-883	37.0208	80.6154	CR-2	5.3 +	2.8 +	7.3	0.54	0.38 +	1.40 -	3632.	55.	2.
2253	0000	-883	37.0209	80.6147	CR-2	5.2 +	2.6	7.3	0.50	0.36 +	1.40 -	3633.	55.	2.
2254	0000	-884	37.0208	80.6141	CR-2	5.3 +	2.4	7.5	0.46	0.32	1.41 -	3639.	55.	3.
2255	0000	-884	37.0208	80.6134	CR-2	5.4 +	2.5	7.4	0.47	0.34 +	1.37 --	3665.	55.	3.
2256	0000	-883	37.0208	80.6128	CR-2	5.4 +	2.5	7.5	0.47	0.34 +	1.40 -	3704.	[illegible]	4.
2257	0000	-882	37.0209	80.6122	CR-2	5.4 +	2.1	8.1	0.39 -	0.26	1.50 -	3728.	[illegible]	5.
2258	0000	-882	37.0209	80.6115	CR-2	5.5 +	2.0	8.5	0.36 -	0.23	1.55 -	3784.	[illegible]	6.
2259	0000	-883	37.0209	80.6109	CR-2	5.5 +	2.0	8.9	0.37 -	0.23	1.62 -	3809.	[illegible]	7.
2260	0000	-884	37.0209	80.6101	CR-2	5.3 +	2.2	8.9	0.42	0.25	1.68	3786.	54.	8.
2261	0000	-885	37.0209	80.6095	CR-2	5.3 +	2.4	9.2	0.45	0.26	1.75	3773.	55.	7.
2262	0000	-884	37.0209	80.6088	CR-2	5.2 +	2.3	9.2	0.45	0.25	1.78	3714.	53.	6.
2263	0000	-884	37.0209	80.6082	CR-2	5.0 +	2.0	9.4 +	0.40 -	0.21 -	1.88	3629.	53.	7.
2264	0000	-885	37.0210	80.6076	CR-2	4.9 +	2.3	9.5 +	0.46	0.24	1.92	3598.	55.	5.
2265	0000	-883	37.0210	80.6069	CR-2	4.8	2.5	9.7 +	0.51	0.25	2.00	3537.	52.	4.
2266	0000	-881	37.0210	80.6062	CR-2	4.7	2.2	9.6 +	0.47	0.23	2.05	3453.	53.	4.
2267	0000	-883	37.0210	80.6056	CR-2	4.7	2.2	9.7 +	0.46	0.22	2.06	3442.	55.	4.
2268	0000	-884	37.0210	80.6050	CR-2	4.6	2.0	9.6 +	0.43	0.21 -	2.07	3428.	54.	4.
2269	0000	-883	37.0210	80.6043	CR-2	4.6	1.8	9.9 +	0.40 -	0.19 -	2.16	3416.	53.	4.
2270	0000	-883	37.0210	80.6036	CR-2	4.5	2.0	9.6 +	0.43	0.20 -	2.13	3383.	54.	4.
2271	0000	-885	37.0211	80.6030	CR-2	4.4	1.7	8.9	0.40 -	0.19 -	2.03	3298.	55.	5.
2272	0000	-884	37.0211	80.6023	CR-2	4.3	1.6 -	8.6	0.39 -	0.19 -	2.03	3221.	57.	6.
2273	0000	-884	37.0211	80.6017	CR-2	4.1	1.7	8.1	0.42	0.21 -	1.98	3148.	54.	7.
2274	0000	-885	37.0211	80.6011	CR-2	4.1	1.7 -	8.1	0.40 -	0.21 -	1.95	3143.	52.	7.
2275	0000	-885	37.0211	80.6004	CR-2	4.1	2.0	7.8	0.48	0.25	1.93	3114.	52.	7.
2276	0000	-884	37.0211	80.5997	CR-2	4.1	1.9	8.1	0.47	0.24	1.99	3138.	52.	8.
2277	0000	-885	37.0211	80.5991	CR-2	4.1	2.1	7.9	0.52	0.27	1.91	3170.	51.	8.
2278	0000	-885	37.0211	80.5984	CR-2	4.3	2.2	8.1	0.51	0.27	1.88	3222.	50.	8.
2279	0000	-883	37.0212	80.5977	CR-2	4.4	2.5	7.8	0.56	0.32	1.77	3260.	50.	9.
2280	0000	-884	37.0212	80.5971	CR-2	4.4	2.6	8.1	0.58	0.32	1.84	3287.	53.	8.
2281	0000	-884	37.0212	80.5965	CR-2	4.3	2.5	8.0	0.59	0.31	1.88	3219.	54.	8.
2282	0000	-883	37.0212	80.5958	CR-2	4.2	2.2	8.1	0.53	0.28	1.91	3163.	53.	9.
2283	0000	-884	37.0212	80.5952	CR-2	4.0	2.3	7.6	0.58	0.31	1.88	3052.	56.	9.
2284	0000	-884	37.0212	80.5945	CR-2	3.9	2.1	7.9	0.54	0.27	2.01	2995.	55.	9.
2285	0000	-885	37.0212	80.5939	CR-2	3.7	2.2	7.8	0.60	0.29	2.10	2922.	57.	8.
2286	0000	-885	37.0213	80.5931	CR-2	3.5	2.1	8.2	0.61	0.26	2.37 +	2834.	58.	8.
2287	0000	-878	37.0213	80.5925	CR-2	3.3 -	2.0	8.0	0.59	0.24	2.41 +	2768.	56.	8.
2288	0000	-872	37.0213	80.5919	CR-2	3.2 -	2.1	8.1	0.67 +	0.26	2.57 +	2717.	57.	7.
2289	0000	-876	37.0213	80.5912	CR-2	3.0 -	2.3	8.4	0.75 +	0.27	2.74 ++	2698.	57.	5.
2290	0000	-883	37.0213	80.5906	CR-2	3.1 -	2.3	8.9	0.74 +	0.26	2.90 ++	2740.	56.	4.
2291	0000	-883	37.0213	80.5899	CR-2	3.2 -	2.5	9.0	0.78 +	0.28	2.82 ++	2832.	56.	4.
2292	0000	-882	37.0213	80.5893	CR-2	3.4	2.4	9.3 +	0.71 +	0.26	2.72 ++	2933.	54.	4.
2293	0000	-881	37.0214	80.5887	CR-2	3.7	2.2	9.5 +	0.60	0.23	2.57 +	3070.	54.	4.
2294	0000	-882	37.0214	80.5880	CR-2	4.0	2.4	9.7 +	0.61	0.25	2.44 +	3207.	56.	3.
2295	0000	-884	37.0214	80.5873	CR-2	4.3	2.4	9.8 +	0.56	0.25	2.27	3366.	57.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-883	37.0214	80.5866	CR-2	4.6	2.6	9.5 +	0.56	0.27	2.08	3485.	59.	4.
2297	0000	-884	37.0214	80.5860	CR-2	4.7	2.2	8.8	0.47	0.25	1.88	3468.	60.	6.
2298	0000	-886	37.0214	80.5853	CR-2	4.5	2.0	8.2	0.45	0.24	1.83	3368.	60.	7.
2299	0000	-887	37.0214	80.5847	CR-2	4.4	2.0	7.8	0.45	0.25	1.78	3283.	62.	8.
2300	0000	-885	37.0214	80.5841	CR-2	4.2	2.0	6.9	0.48	0.29	1.62 -	3178.	63.	9.
2301	0000	-884	37.0215	80.5834	CR-2	4.1	1.9	6.6 -	0.46	0.29	1.60 -	3080.	63.	9.
2302	0000	-886	37.0215	80.5828	CR-2	4.0	1.6 -	6.2 -	0.40 -	0.26	1.57 -	2977.	63.	9.
2303	0000	-885	37.0215	80.5821	CR-2	3.9	1.4 -	6.4 -	0.36 -	0.22	1.64	2933.	62.	9.
2304	0000	-884	37.0215	80.5814	CR-2	3.9	1.6 -	6.7 -	0.40 -	0.23	1.70	3016.	61.	7.
2305	0000	-886	37.0215	80.5807	CR-2	4.1	1.7	6.7 -	0.41	0.25	1.63 -	3102.	61.	5.
2306	0000	-884	37.0215	80.5801	CR-2	4.2	1.9	7.0	0.44	0.27	1.66	3182.	59.	3.
2307	0000	-882	37.0215	80.5795	CR-2	4.4	1.9	7.7	0.42	0.24	1.75	3294.	58.	2.
2308	0000	-885	37.0216	80.5788	CR-2	4.6	1.9	7.5	0.41	0.25	1.65	3409.	59.	2.
2309	0000	-884	37.0216	80.5782	CR-2	4.9	2.2	7.6	0.46	0.30	1.57 -	3550.	58.	1.
2310	0000	-882	37.0216	80.5775	CR-2	5.2 +	2.4	7.4	0.47	0.33	1.44 -	3687.	57.	2.
2311	0000	-883	37.0216	80.5769	CR-2	5.3 +	2.8 +	7.8	0.53	0.36 +	1.47 -	3809.	58.	2.
2312	0000	-883	37.0216	80.5762	CR-2	5.5 +	2.8 +	8.2	0.51	0.34 +	1.50 -	3903.	58.	3.
2313	0000	-883	37.0216	80.5755	CR-2	5.6 +	2.8 +	8.0	0.49	0.34 +	1.42 -	3989.	59.	5.
2314	0000	-885	37.0216	80.5749	CR-2	5.8 ++	3.0 +	8.0	0.52	0.38 +	1.37 --	4088.	57.	7.
2315	0000	-884	37.0217	80.5742	CR-2	5.9 ++	3.2 +	8.2	0.54	0.38 +	1.40 -	4119.	55.	8.
2316	0000	-882	37.0217	80.5736	CR-2	5.8 ++	3.2 +	8.2	0.55	0.39 ++	1.41 -	4085.	56.	7.
2317	0000	-882	37.0217	80.5729	CR-2	5.7 +	3.0 +	8.6	0.52	0.34 +	1.52 -	3977.	57.	8.
2318	0000	-882	37.0217	80.5723	CR-2	5.5 +	2.9 +	8.2	0.53	0.36 +	1.48 -	3834.	56.	8.
2319	0000	-883	37.0217	80.5717	CR-2	5.3 +	3.1 +	7.8	0.58	0.39 ++	1.47 -	3733.	57.	7.
2320	0000	-884	37.0217	80.5710	CR-2	5.2 +	3.0 +	8.1	0.58	0.37 +	1.56 -	3636.	57.	6.
2321	0000	-881	37.0217	80.5703	CR-2	5.0 +	2.9 +	7.9	0.59	0.37 +	1.58 -	3527.	56.	5.
2322	0000	-881	37.0217	80.5697	CR-2	5.0 +	2.7 +	7.7	0.55	0.36 +	1.55 -	3487.	56.	4.
2323	0000	-883	37.0218	80.5690	CR-2	4.8	2.8 +	7.6	0.58	0.37 +	1.57 -	3456.	56.	4.
2324	0000	-882	37.0218	80.5683	CR-2	4.8	2.9 +	7.4	0.61	0.40 ++	1.54 -	3453.	55.	3.
2325	0000	-882	37.0218	80.5677	CR-2	4.9	3.0 +	6.9	0.62	0.43 ++	1.42 -	3475.	54.	2.
2326	0000	-883	37.0218	80.5671	CR-2	4.9 +	2.9 +	7.3	0.58	0.39 ++	1.48 -	3499.	54.	2.
2327	0000	-882	37.0218	80.5664	CR-2	5.1 +	3.1 +	7.1	0.61	0.44 ++	1.40 -	3545.	54.	2.
2328	0000	-880	37.0218	80.5658	CR-2	5.0 +	2.9 +	7.3	0.59	0.40 ++	1.45 -	3539.	57.	1.
2329	0000	-882	37.0218	80.5651	CR-2	4.9	3.1 +	7.3	0.64	0.43 ++	1.48 -	3499.	61.	1.
2330	0000	-884	37.0219	80.5644	CR-2	4.9	2.9 +	7.4	0.59	0.39 ++	1.51 -	3482.	60.	2.
2331	0000	-882	37.0219	80.5637	CR-2	4.9 +	2.7 +	7.7	0.55	0.35 +	1.55 -	3479.	60.	2.
2332	0000	-882	37.0219	80.5631	CR-2	4.9	2.6	8.2	0.54	0.32	1.70	3472.	60.	2.
2333	0000	-882	37.0219	80.5625	CR-2	4.9	2.7	8.0	0.55	0.34 +	1.62 -	3449.	60.	3.
2334	0000	-884	37.0219	80.5618	CR-2	4.7	2.3	8.1	0.50	0.29	1.74	3390.	57.	4.
2335	0000	-884	37.0219	80.5612	CR-2	4.6	2.6	7.6	0.56	0.34 +	1.64 -	3367.	57.	6.
2336	0000	-881	37.0219	80.5605	CR-2	4.6	2.3	7.6	0.49	0.30	1.66	3360.	56.	7.
2337	0000	-882	37.0220	80.5599	CR-2	4.6	2.2	7.7	0.48	0.29	1.65	3373.	53.	8.
2338	0000	-883	37.0220	80.5592	CR-2	4.6	2.3	7.4	0.49	0.30	1.61 -	3356.	55.	8.
2339	0000	-882	37.0220	80.5585	CR-2	4.6	2.1	7.4	0.46	0.28	1.62 -	3360.	55.	9.
2340	0000	-882	37.0220	80.5579	CR-2	4.7	1.9	7.8	0.41 -	0.24	1.68	3416.	55.	9.
2341	0000	-882	37.0220	80.5572	CR-2	4.8	2.2	7.8	0.45	0.28	1.60 -	3497.	57.	9.
2342	0000	-881	37.0220	80.5566	CR-2	4.9	2.2	8.4	0.45	0.26	1.71	3556.	55.	7.
2343	0000	-882	37.0220	80.5559	CR-2	5.0 +	2.4	8.7	0.47	0.27	1.75	3613.	57.	6.
2344	0000	-883	37.0220	80.5553	CR-2	5.1 +	2.5	9.0	0.50	0.28	1.77	3662.	58.	4.
2345	0000	-883	37.0220	80.5547	CR-2	5.1 +	2.8 +	9.0	0.56	0.31	1.79	3699.	56.	4.
2346	0000	-882	37.0220	80.5540	CR-2	5.0 +	2.9 +	8.5	0.57	0.34 +	1.70	3659.	57.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-882	37.0220	80.5533	CR-2	4.8	3.0 +	8.2	0.62	0.37 +	1.69	3566.	57.	2.
2348	0000	-882	37.0221	80.5527	CR-2	4.6	2.9 +	8.5	0.64	0.35 +	1.84	3434.	57.	1.
2349	0000	-882	37.0221	80.5520	CR-2	4.6	2.7	8.2	0.58	0.33	1.80	3348.	56.	2.
2350	0000	-882	37.0221	80.5513	CR-2	4.4	2.8 +	7.8	0.62	0.35 +	1.77	3310.	52.	3.
2351	0000	-883	37.0221	80.5507	CR-2	4.3	2.7 +	7.6	0.64	0.36 +	1.78	3267.	51.	4.
2352	0000	-882	37.0222	80.5501	CR-2	4.3	2.5	7.4	0.59	0.34 +	1.74	3251.	52.	5.
2353	0000	-881	37.0222	80.5494	CR-2	4.3	2.6	7.8	0.60	0.33 +	1.82	3291.	50.	5.
2354	0000	-881	37.0222	80.5488	CR-2	4.4	2.6	7.8	0.61	0.34 +	1.79	3334.	49.	4.
2355	0000	-879	37.0222	80.5481	CR-2	4.5	2.5	7.7	0.56	0.33	1.71	3392.	50.	4.
2356	0000	-879	37.0222	80.5474	CR-2	4.5	2.5	7.8	0.57	0.32	1.75	3378.	50.	3.
2357	0000	-880	37.0222	80.5468	CR-2	4.5	2.2	8.0	0.48	0.27	1.77	3322.	52.	3.
2358	0000	-881	37.0222	80.5462	CR-2	4.5	2.0	7.8	0.45	0.26	1.74	3249.	53.	2.
2359	0000	-881	37.0223	80.5455	CR-2	4.4	1.8	7.5	0.42	0.25	1.69	3181.	53.	2.
2360	0000	-881	37.0223	80.5448	CR-2	4.3	1.6 -	7.3	0.38 -	0.23	1.67	3117.	55.	3.
2361	0000	-882	37.0223	80.5442	CR-2	4.3	1.5 -	6.8	0.36 -	0.23	1.60 -	3080.	54.	4.
2362	0000	-882	37.0223	80.5435	CR-2	4.2	1.6 -	6.6 -	0.38 -	0.24	1.57 -	3055.	54.	5.
2363	0000	-882	37.0223	80.5429	CR-2	4.3	1.4 -	6.7 -	0.32 -	0.21 -	1.56 -	3087.	55.	6.
2364	0000	-882	37.0223	80.5422	CR-2	4.2	1.5 -	6.9	0.36 -	0.22	1.64 -	3094.	56.	7.
2365	0000	-882	37.0223	80.5415	CR-2	4.3	1.4 -	7.4	0.32 --	0.18 -	1.74	3121.	57.	8.
2366	0000	-880	37.0223	80.5409	CR-2	4.3	1.5 -	8.3	0.36 -	0.19 -	1.93	3162.	57.	7.
2367	0000	-878	37.0224	80.5402	CR-2	4.3	1.7	8.5	0.40 -	0.20 -	1.99	3190.	56.	7.
2368	0000	-878	37.0224	80.5396	CR-2	4.2	1.8	9.3 +	0.42	0.19 -	2.23	3201.	55.	6.
2369	0000	-879	37.0224	80.5390	CR-2	4.1	1.8	9.3 +	0.43	0.19 -	2.24	3207.	56.	5.
2370	0000	-879	37.0224	80.5383	CR-2	4.1	2.1	9.5 +	0.52	0.22	2.32 +	3207.	57.	4.
2371	0000	-881	37.0224	80.5377	CR-2	4.2	2.4	9.6 +	0.58	0.26	2.27	3237.	56.	3.
2372	0000	-880	37.0224	80.5370	CR-2	4.1	2.7 +	9.1	0.66 +	0.30	2.22	3243.	57.	2.
2373	0000	-878	37.0224	80.5363	CR-2	4.0	2.8 +	8.5	0.70 +	0.33 +	2.10	3222.	58.	2.
2374	0000	-878	37.0225	80.5357	CR-2	4.0	2.6	8.8	0.64	0.30	2.18	3194.	55.	1.
2375	0000	-877	37.0224	80.5350	CR-2	4.0	2.5	8.4	0.63	0.30	2.10	3125.	57.	1.
2376	0000	-876	37.0224	80.5344	CR-2	3.7	2.5	8.1	0.67 +	0.31	2.16	2973.	57.	0.
2377	0000	-878	37.0224	80.5337	CR-2	3.5	2.4	7.5	0.69 +	0.32	2.18	2793.	54.	0.
2378	0000	-878	37.0225	80.5331	CR-2	3.1 -	2.2	7.0	0.70 +	0.31	2.24	2607.	56.	0.
2379	0000	-877	37.0225	80.5324	CR-2	2.9 -	2.1	7.1	0.74 +	0.30	2.45 +	2458.	54.	0.
2380	0000	-878	37.0225	80.5318	CR-2	2.7 -	2.2	7.1	0.80 +	0.30	2.64 +	2360.	54.	0.
2381	0000	-880	37.0225	80.5312	CR-2	2.5 --	2.5	6.7 -	0.97 ++	0.37 +	2.63 +	2319.	57.	0.
2382	0000	-879	37.0225	80.5305	CR-1	2.5 ++	2.6 +	7.5	1.04	0.34	3.01 -	2347.	56.	0.
2383	0000	-877	37.0225	80.5299	CR-2	2.7 -	2.4	8.1	0.89 ++	0.29	3.07 ++	2467.	56.	1.
2384	0000	-877	37.0225	80.5294	CR-2	2.8 -	2.4	8.6	0.85 ++	0.28	3.03 ++	2584.	56.	1.
2385	0000	-877	37.0225	80.5287	CR-2	3.1 -	2.4	9.0	0.77 +	0.26	2.93 ++	2752.	53.	2.
2386	0000	-878	37.0225	80.5281	CR-2	3.4 -	2.2	9.2	0.67 +	0.24	2.74 ++	2942.	55.	3.
2387	0000	-877	37.0225	80.5276	CR-2	3.7	2.1	9.6 +	0.57	0.22	2.61 +	3086.	54.	4.
2388	0000	-875	37.0225	80.5270	CR-2	3.9	1.9	10.2 +	0.49	0.19 -	2.60 +	3198.	53.	5.
2389	0000	-877	37.0224	80.5264	CR-2	4.2	1.9	9.6 +	0.45	0.20 -	2.30 +	3280.	55.	6.
2390	0000	-876	37.0224	80.5258	CR-2	4.4	2.0	9.5 +	0.46	0.21 -	2.16	3384.	55.	6.
2391	0000	-874	37.0224	80.5252	CR-2	4.6	2.2	9.5 +	0.47	0.23	2.05	3530.	55.	6.
2392	0000	-875	37.0224	80.5246	CR-2	4.8	2.4	9.6 +	0.50	0.25	2.02	3613.	56.	6.
2393	0000	-874	37.0224	80.5240	CR-2	4.9	2.5	10.0 +	0.51	0.25	2.03	3647.	54.	5.
2394	0000	-875	37.0224	80.5234	CR-2	5.0 +	2.7	9.9 +	0.54	0.27	1.99	3695.	54.	4.
2395	0000	-877	37.0224	80.5228	CR-2	5.0 +	2.8 +	9.4 +	0.55	0.29	1.88	3689.	54.	3.
2396	0000	-876	37.0223	80.5222	CR-2	5.1 +	2.8 +	9.7 +	0.56	0.29	1.91	3726.	54.	3.
2397	0000	-875	37.0223	80.5216	CR-2	5.1 +	2.9 +	9.5 +	0.58	0.31	1.87	3724.	54.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-874	37.0223	80.5211	CR-2	5.0 +	2.8 +	9.4 +	0.57	0.30	1.88	3703.	53.	1.
2399	0000	-874	37.0223	80.5204	CR-2	5.0 +	2.6	9.8 +	0.51	0.26	1.94	3732.	53.	1.
2400	0000	-875	37.0223	80.5198	CR-2	5.0 +	2.7 +	9.8 +	0.54	0.28	1.95	3747.	55.	1.
2401	0000	-875	37.0223	80.5193	CR-2	5.0 +	2.7 +	9.7 +	0.54	0.28	1.93	3750.	54.	2.
2402	0000	-875	37.0223	80.5187	CR-2	5.0 +	2.6	10.2 +	0.52	0.26	2.04	3777.	52.	2.
2403	0000	-874	37.0223	80.5181	CR-2	5.0 +	2.6	10.3 +	0.51	0.25	2.06	3785.	52.	3.
2404	0000	-872	37.0223	80.5175	CR-2	5.0 +	2.6	10.6 ++	0.53	0.25	2.12	3814.	52.	4.
2405	0000	-872	37.0223	80.5169	CR-2	5.1 +	2.6	10.9 ++	0.52	0.24	2.15	3861.	54.	4.
2406	0000	-872	37.0223	80.5163	CR-2	5.2 +	2.6	11.0 ++	0.50	0.24	2.10	3895.	52.	4.
2407	0000	-873	37.0223	80.5157	CR-2	5.2 +	2.5	10.8 ++	0.48	0.23	2.07	3924.	52.	5.
2408	0000	-873	37.0222	80.5151	CR-2	5.3 +	2.5	11.1 ++	0.46	0.22	2.08	3954.	55.	4.
2409	0000	-873	37.0222	80.5145	CR-2	5.4 +	2.5	10.7 ++	0.46	0.23	1.97	3993.	56.	4.
2410	0000	-873	37.0222	80.5139	CR-2	5.5 +	2.5	11.1 ++	0.46	0.23	2.01	4028.	57.	3.
2411	0000	-872	37.0222	80.5133	CR-2	5.6 +	2.6	11.1 ++	0.46	0.23	2.00	4045.	56.	2.
2412	0000	-873	37.0222	80.5127	CR-2	5.6 +	2.6	10.7 ++	0.47	0.25	1.90	4066.	57.	2.
2413	0000	-874	37.0222	80.5121	CR-2	5.6 +	2.9 +	10.3 +	0.52	0.28	1.83	4053.	58.	2.
2414	0000	-874	37.0222	80.5115	CR-2	5.7 +	3.1 +	10.5 +	0.54	0.29	1.85	4048.	58.	1.
2415	0000	-873	37.0222	80.5110	CR-2	5.7 +	3.4 ++	10.4 +	0.61	0.33 +	1.83	4066.	57.	1.
2416	0000	-873	37.0222	80.5104	CR-2	5.6 +	3.6 ++	10.4 +	0.64	0.35 +	1.84	4080.	56.	1.
2417	0000	-873	37.0221	80.5097	CR-2	5.6 +	3.6 ++	9.6 +	0.65	0.38 +	1.74	4054.	54.	1.
2418	0000	-873	37.0221	80.5092	CR-2	5.4 +	3.5 ++	9.9 +	0.65	0.35 +	1.83	3992.	57.	1.
2419	0000	-872	37.0221	80.5085	CR-2	5.3 +	3.6 ++	10.2 +	0.68 +	0.35 +	1.93	3947.	56.	0.
2420	0000	-873	37.0221	80.5080	CR-2	5.1 +	3.6 ++	10.0 +	0.70 +	0.35 +	1.96	3892.	57.	0.
2421	0000	-874	37.0221	80.5074	CR-2	5.0 +	3.4 ++	9.8 +	0.69 +	0.35 +	1.96	3845.	55.	0.
2422	0000	-874	37.0221	80.5068	CR-2	5.0 +	2.9 +	9.9 +	0.59	0.30	1.99	3781.	55.	1.
2423	0000	-871	37.0221	80.5062	CR-2	4.9	2.7	9.7 +	0.55	0.28	1.98	3695.	54.	1.
2424	0000	-871	37.0220	80.5056	CR-2	4.8	2.7	9.9 +	0.55	0.27	2.07	3606.	54.	1.
2425	0000	-871	37.0220	80.5050	CR-2	4.8	2.5	9.4 +	0.51	0.26	1.95	3549.	51.	2.
2426	0000	-869	37.0220	80.5044	CR-2	4.7	2.3	9.2	0.49	0.25	1.97	3458.	50.	3.
2427	0000	-869	37.0220	80.5038	CR-2	4.6	2.1	9.1	0.45	0.23	1.99	3398.	49.	4.
2428	0000	-871	37.0220	80.5032	CR-2	4.5	1.8	9.2	0.40 -	0.20 -	2.04	3353.	50.	5.
2429	0000	-871	37.0220	80.5027	CR-2	4.4	2.2	9.1	0.50	0.24	2.10	3327.	52.	5.
2430	0000	-872	37.0220	80.5020	CR-2	4.3	2.4	9.0	0.56	0.27	2.10	3323.	53.	5.
2431	0000	-872	37.0220	80.5014	CR-2	4.3	2.4	8.9	0.56	0.27	2.05	3358.	53.	5.
2432	0000	-871	37.0220	80.5009	CR-2	4.4	2.5	9.2	0.57	0.27	2.07	3402.	54.	4.
2433	0000	-871	37.0220	80.5002	CR-2	4.6	2.6	9.1	0.58	0.29	1.99	3426.	53.	4.
2434	0000	-872	37.0220	80.4996	CR-2	4.6	2.7	9.2	0.58	0.29	2.00	3411.	52.	3.
2435	0000	-871	37.0220	80.4991	CR-2	4.5	2.8 +	9.0	0.62	0.31	1.98	3350.	52.	1.
2436	0000	-871	37.0220	80.4984	CR-2	4.3	2.7	8.4	0.61	0.31	1.95	3251.	52.	1.
2437	0000	-870	37.0220	80.4979	CR-2	4.1	2.4	8.3	0.57	0.29	2.01	3121.	53.	1.
2438	0000	-870	37.0219	80.4972	CR-2	3.8	2.3	8.0	0.62	0.29	2.10	2942.	52.	1.
2439	0000	-870	37.0219	80.4967	CR-2	3.3 -	2.4	7.7	0.74 +	0.32	2.35 +	2724.	52.	1.
2440	0000	-869	37.0219	80.4961	CR-2	2.7 -	2.3	7.5	0.86 ++	0.31	2.76 ++	2477.	55.	0.
2441	0000	-869	37.0219	80.4954	CR-1	2.3 +	2.3	7.3	1.01	0.31	3.22 -	2262.	54.	0.
2442	0000	-869	37.0219	80.4949	CR-1	1.9 +	2.0	7.5	1.07	0.27	3.96	2067.	56.	1.
2443	0000	-867	37.0219	80.4943	CR-1	1.6	2.0	7.8	1.29	0.26	4.98	1882.	55.	2.
2444	0000	-867	37.0219	80.4937	CR-1	1.3	2.2	8.0	1.76	0.28	6.36	1736.	56.	2.
2445	0000	-868	37.0218	80.4931	CR-1	1.0	1.9	8.3	1.88	0.23	8.03	1612.	56.	3.
2446	0000	-868	37.0218	80.4926	CR-1	1.0	1.7	8.0	1.74	0.21	8.39 +	1520.	58.	5.
2447	0000	-868	37.0218	80.4919	CR-1	0.9	1.5 -	8.3	1.60	0.18 -	9.01 +	1484.	58.	5.
2448	0000	-871	37.0218	80.4913	CR-1	0.9	1.4 -	8.5	1.62	0.17 -	9.74 +	1473.	59.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-870	37.0218	80.4907	CR-1	0.9	1.4 -	8.4	1.57	0.17 -	9.13 +	1489.	61.	5.
2450	0000	-867	37.0218	80.4901	CR-1	1.0	1.3 -	8.2	1.33	0.16 -	8.14	1536.	61.	5.
2451	0000	-867	37.0218	80.4896	CR-1	1.1	1.0 -	9.1 +	0.91 -	0.12 --	7.91	1633.	61.	4.
2452	0000	-868	37.0217	80.4889	CR-1	1.4	1.2 -	9.6 +	0.88 -	0.12 --	7.05	1766.	61.	3.
2453	0000	-868	37.0217	80.4884	CR-1	1.4	1.4 -	10.1 +	0.97	0.14 --	7.07	1863.	59.	2.
2454	0000	-868	37.0217	80.4878	CR-1	1.6	1.7	10.1 +	1.12	0.17 -	6.48	1963.	58.	2.
2455	0000	-867	37.0217	80.4871	CR-1	1.7	1.9	10.2 +	1.14	0.19 -	6.12	2052.	59.	2.
2456	0000	-867	37.0217	80.4866	CR-1	1.7	2.2	10.1 +	1.25	0.21	5.85	2107.	57.	3.
2457	0000	-867	37.0217	80.4860	CR-1	1.8	2.1	10.6 ++	1.20	0.20 -	6.00	2178.	57.	4.
2458	0000	-865	37.0217	80.4854	CR-1	1.8	2.6 +	10.2 +	1.40	0.25	5.57	2213.	56.	4.
2459	0000	-865	37.0217	80.4848	CUN	1.7	2.7 +	10.0 +	1.54 +	0.27	5.81 +	2197.	57.	5.
2460	0000	-866	37.0217	80.4842	CUN	1.8	2.5 +	9.9 +	1.37 +	0.25	5.50	2209.	57.	5.
2461	0000	-865	37.0217	80.4836	CUN	1.8	2.2	10.3 +	1.23	0.21	5.73 +	2218.	56.	6.
2462	0000	-864	37.0217	80.4830	CUN	1.8	2.2	10.5 +	1.20	0.21	5.84 +	2207.	56	6.
2463	0000	-863	37.0217	80.4824	CUN	1.8	2.2	10.8 +	1.21	0.20	5.93 +	2244.	56.	5.
2464	0000	-862	37.0217	80.4818	CUN	1.8	2.1	11.3 +	1.20	0.19	6.35 +	2220.	57.	4.
2465	0000	-864	37.0216	80.4813	CUN	1.7	1.8	11.3 +	1.06	0.16 -	6.68 +	2171.	61.	4.
2466	0000	-863	37.0216	80.4806	CUN	1.7	1.7	11.1 +	0.99	0.15 -	6.54 +	2150.	59.	4.
2467	0000	-861	37.0216	80.4800	CUN	1.7	1.9	10.9 +	1.16	0.18 -	6.52 +	2136.	60.	4.
2468	0000	-862	37.0216	80.4795	CR-1	1.6	2.1	10.6 ++	1.28	0.19 -	6.64	2110.	59.	3.
2469	0000	-863	37.0216	80.4788	CR-1	1.5	1.9	10.4 +	1.26	0.19 -	6.79	2082.	58.	4.
2470	0000	-862	37.0216	80.4783	CR-1	1.5	1.9	10.3 +	1.26	0.18 -	6.91	2048.	57.	4.
2471	0000	-862	37.0216	80.4777	CR-1	1.5	2.1	9.3 +	1.39	0.23	6.05	2039.	57.	5.
2472	0000	-862	37.0216	80.4771	CR-1	1.6	2.2	9.3 +	1.41	0.24	5.95	2053.	54.	5.
2473	0000	-863	37.0215	80.4765	CR-1	1.7	2.3	9.2 +	1.32	0.24	5.41	2078.	57.	6.
2474	0000	-862	37.0215	80.4759	CR-1	1.7	2.3	9.6 +	1.36	0.24	5.58	2124.	58.	5.
2475	0000	-862	37.0215	80.4753	CR-1	1.8	2.3	9.8 +	1.27	0.24	5.36	2159.	60.	5.
2476	0000	-862	37.0215	80.4747	CR-1	1.9 +	2.5 +	10.0 +	1.29	0.25	5.12	2218.	60.	5.
2477	0000	-859	37.0215	80.4741	CR-1	2.0 +	2.4	9.8 +	1.20	0.25	4.88	2243.	59.	5.
2478	0000	-860	37.0215	80.4735	CR-1	2.1 +	1.9	10.6 ++	0.93	0.18 -	5.10	2275.	58.	5.
2479	0000	-862	37.0215	80.4730	CR-1	2.1 +	1.8	10.9 ++	0.84 -	0.16 -	5.21	2269.	60.	5.
2480	0000	-860	37.0214	80.4723	CR-1	2.0 +	2.0	11.1 ++	1.04	0.18 -	5.68	2264.	57.	4.
2481	0000	-859	37.0214	80.4717	CR-1	2.0 +	1.8	11.1 ++	0.89 -	0.16 -	5.65	2298.	57.	5.
2482	0000	-859	37.0214	80.4712	CR-1	2.0 +	1.7	10.9 ++	0.85 -	0.15 -	5.59	2258.	54.	6.
2483	0000	-859	37.0214	80.4705	CR-1	1.9 +	1.5	11.0 ++	0.81 -	0.14 --	5.81	2233.	55.	6.
2484	0000	-858	37.0214	80.4700	CR-1	1.8	1.4 -	11.2 ++	0.77 -	0.12 --	6.27	2206.	56.	7.
2485	0000	-856	37.0214	80.4694	CR-1	1.6	1.7	10.6 +	1.07	0.16 -	6.65	2149.	56.	7.
2486	0000	-857	37.0214	80.4688	CR-1	1.6	2.0	9.9 +	1.24	0.20 -	6.27	2104.	57.	7.
2487	0000	-857	37.0213	80.4682	CR-1	1.6	1.5	9.4 +	0.99	0.16 -	6.07	2018.	58.	8.
2488	0000	-856	37.0213	80.4676	CR-1	1.4	1.6	8.9 +	1.13	0.18 -	6.24	1944.	58.	9.
2489	0000	-855	37.0213	80.4670	CR-1	1.3	1.5	9.4 +	1.16	0.16 -	7.12	1890.	59.	8.
2490	0000	-854	37.0213	80.4664	CR-1	1.3	1.6	8.8 +	1.25	0.18 -	6.90	1845.	60.	7.
2491	0000	-853	37.0213	80.4658	CR-1	1.3	1.8	8.6	1.37	0.21	6.62	1818.	58.	6.
2492	0000	-854	37.0213	80.4652	CR-1	1.4	1.7	8.4	1.21	0.20 -	6.06	1820.	58.	5.
2493	0000	-854	37.0213	80.4646	CR-1	1.3	1.7	9.0 +	1.27	0.19 -	6.72	1841.	57.	4.
2494	0000	-851	37.0213	80.4640	CR-1	1.4	1.9	9.7 +	1.37	0.20 -	7.01	1917.	58.	3.
2495	0000	-852	37.0213	80.4634	CR-1	1.5	2.1	10.0 +	1.40	0.21	6.74	1985.	56.	2.
2496	0000	-853	37.0213	80.4629	CR-1	1.6	2.1	9.6 +	1.35	0.22	6.07	2014.	56.	1.
2497	0000	-852	37.0213	80.4622	CR-1	1.5	2.1	10.0 +	1.38	0.21	6.49	2007.	55.	1.
2498	0000	-851	37.0213	80.4616	CR-1	1.5	2.0	10.3 +	1.30	0.19 -	6.74	2003.	53.	1.
2499	0000	-852	37.0213	80.4611	CR-1	1.5	2.0	10.5 +	1.35	0.19 -	7.10	2002.	51.	1.

CP 9 1P 12

TAGS						VALUES AND STATISTICAL SIGNIFICANCE											
ID	QUAL (AKUT)	MAG	LAT	LONG	PK.UNIT	POTASSIUM PCT		URANIUM PPM		THORIUM PPM		U /		T-		T-		GROSS CPS	COS CPS	UAIR CPS
2500	0000	-851	37.0213	80.4605	CR-1	1.5		1.9		10.1	+	1.35						2010.	54.	3.
2501	0000	-849	37.0212	80.4599	CR-1	1.5		1.7		9.8	+	1.35						1977.	54.	3.
2502	0000	-848	37.0212	80.4593	CR-1	1.6		1.8		10.0	+	1.34						1954.	54.	4.
2503	0000	-847	37.0212	80.4587	CR-1	1.6		1.8		10.2	+	1.34						1944.	52.	4.
2504	0000	-847	37.0212	80.4581	CR-1	1.5		1.5		10.1	+	1.30						2001.	52.	5.
2505	0000	-846	37.0212	80.4575	CR-1	1.6		1.8		10.1	+	1.30						2052.	54.	6.
2506	0000	-846	37.0212	80.4569	CR-1	1.6		1.7		10.1	+	1.30						2089.	55.	6.
2507	0000	-846	37.0212	80.4563	CR-1	1.7		1.7		10.3	+	1.30						2125.	50.	6.
2508	0000	-845	37.0211	80.4557	CR-1	1.7		1.8		10.3	+	1.31						2154.	47.	6.
2509	0000	-844	37.0211	80.4551	CR-1	1.7		1.8		10.5	+	1.31						2157.	47.	6.
2510	0000	-845	37.0211	80.4546	CR-1	1.7		2.0		10.1	+	1.30						2144.	50.	5.
2511	0000	-842	37.0211	80.4539	CR-1	1.7		2.0		10.1	+	1.30						2105.	50.	5.
2512	0000	-842	37.0211	80.4533	CR-1	1.6		2.1		9.5	+	1.28						2059.	49.	4.
2513	0000	-841	37.0211	80.4528	CR-1	1.6		2.1		9.5	+	1.28						2022.	49.	4.
2514	0000	-840	37.0211	80.4522	CR-1	1.6		2.1		9.5	+	1.28						1969.	52.	4.
2515	0000	-840	37.0210	80.4516	CR-1	1.5		2.1		8.9	+	1.27						1908.	57.	4.
2516	0000	-841	37.0210	80.4510	CR-1	1.5		2.0		8.8		1.27						1879.	57.	4.
2517	0000	-840	37.0210	80.4504	CR-1	1.5		2.0		8.8		1.27						1873.	57.	4.
2518	0000	-840	37.0210	80.4498	CR-1	1.5		2.0		8.8		1.27						1893.	59.	4.
2519	0000	-841	37.0210	80.4492	CR-1	1.5		2.0		8.8	+	1.27						1892.	58.	4.
2520	0000	-840	37.0210	80.4486	CR-1	1.5		2.1		8.8		1.27						1857.	54.	4.
2521	0000	-839	37.0210	80.4480	CR-1	1.4		2.1		8.8		1.27						1812.	54.	4.
2522	0000	-840	37.0210	80.4474	CR-1	1.4		2.1		8.3		1.26				6.08		1789.	54.	5.
2523	0000	-838	37.0210	80.4468	CR-1	1.3		2.1		7.8		1.25				6.15		1739.	55.	6.
2524	0000	-837	37.0210	80.4462	CR-1	1.2		2.1		7.8		1.27				6.30		1697.	52.	6.
2525	0000	-836	37.0210	80.4456	CR-1	1.2		1.8		7.5		1.24				6.35		1632.	51.	6.
2526	0000	-834	37.0209	80.4450	CR-1	1.2		1.9		7.2		1.25				6.09		1599.	51.	5.
2527	0000	-835	37.0209	80.4445	CR-1	1.2		1.8		7.7		1.28				6.42		1621.	53.	5.
2528	0000	-836	37.0209	80.4438	CR-1	1.3		1.7		8.1		1.30	-			6.19		1677.	52.	5.
2529	0000	-834	37.0209	80.4432	CR-1	1.4		1.7		8.2		1.29				6.04		1725.	54.	5.
2530	0000	-835	37.0209	80.4427	CR-1	1.4		1.7		8.8	+	1.31				6.11		1780.	54.	5.
2531	0000	-835	37.0209	80.4420	CR-1	1.5		1.7		8.8	+	1.30				5.80		1828.	55.	4.
2532	0000	-832	37.0209	80.4415	CR-1	1.7		1.9		9.0	+	1.32				5.46		1887.	54.	3.
2533	0000	-831	37.0209	80.4409	CR-1	1.8		2.0		9.3	+	1.35				5.26		1970.	56.	3.
2534	0000	-832	37.0209	80.4403	CR-1	1.8		1.9		9.2	+	1.07				5.06		1979.	54.	2.
2535	0000	-833	37.0209	80.4397	CR-1	1.8		2.0		8.9	+	1.13				4.93		1945.	54.	2.
2536	0000	-832	37.0208	80.4390	CR-1	1.8		2.0		8.5		1.10				4.74		1902.	52.	1.
2537	0000	-833	37.0208	80.4385	CR-1	1.7		2.0		8.4		1.14				4.83		1867.	51.	1.
2538	0000	-833	37.0208	80.4379	CR-1	1.7		2.0		8.3		1.15				4.77		1825.	52.	1.
2539	0000	-830	37.0208	80.4373	CR-1	1.7		1.6		8.1		0.97				4.78		1769.	53.	2.
2540	0000	-830	37.0208	80.4367	CH-1	1.6		1.7		7.6		1.06				4.75		1682.	54.	2.
2541	0000	-830	37.0208	80.4362	CH-1	1.5		1.7		7.4		1.11				4.86		1552.	55.	3.
2542	0000	-827	37.0208	80.4355	CH-1	1.6		1.6		7.3		1.04				4.62		1673.	56.	3.
2543	0000	-824	37.0207	80.4349	CH-1	1.6		1.6		7.5		0.98				4.64		1708.	56.	3.
2544	0000	-825	37.0207	80.4344	CH-1	1.6		1.6		7.3		0.98				4.43		1733.	58.	4.
2545	0000	-825	37.0207	80.4337	CH-1	1.7		1.7		7.3		0.97				4.32		1777.	58.	4.
2546	0000	-823	37.0207	80.4331	CH-1	1.7		1.6		7.7		0.94				4.46		1849.	58.	4.
2547	0000	-822	37.0207	80.4325	CH-1	1.8		1.5		7.9		0.93				4.32		1915.	58.	4.
2548	0000	-823	37.0207	80.4319	CH-1	1.9		1.8		7.7		0.95				4.16		1952.	57.	5.
2549	0000	-824	37.0207	80.4314	CH-1	1.9		1.7		7.9		0.93				4.27		1965.	56.	5.
2550	0000	-822	37.0207	80.4307	CH-1	1.9		1.8		7.8		0.96				4.16		1978.	55.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2551	0000	-822	37.0207	80.4302	CH-1	1.9	1.8 +	7.5	0.95	0.25 -	3.87	2008.	54.	6.
2552	0000	-820	37.0207	80.4296	CH-1	2.0 +	1.8	7.5	0.89	0.23 -	3.81	2061.	54.	6.
2553	0000	-817	37.0207	80.4289	CH-1	2.0 +	2.0 +	7.3	1.00	0.28 ++	3.66	2084.	57.	5.
2554	0000	-818	37.0206	80.4284	CH-1	2.1 +	1.9 +	7.7	0.91	0.25 +	3.68	2098.	55.	5.
2555	0000	-819	37.0206	80.4278	CH-1	2.2 +	1.6	7.9	0.76	0.21	3.62	2130.	55.	5.
2556	0000	-818	37.0206	80.4272	CUN	2.2 +	1.7	7.7	0.77	0.22	3.49	2151.	56.	5.
2557	0000	-817	37.0206	80.4266	CUN	2.2 ++	1.8	7.8	0.81	0.23	3.52	2163.	55	4.
2558	0000	-816	37.0206	80.4260	CUN	2.2 +	1.6	8.0	0.74	0.20	3.69	2129.	55.	3.
2559	0000	-818	37.0206	80.4254	CUN	2.1 +	1.8	8.1	0.84	0.22	3.84	2067.	54.	3.
2560	0000	-821	37.0206	80.4248	CUN	2.0 +	1.7	8.1	0.83	0.20	4.06	1997.	53.	3.
2561	0000	-819	37.0206	80.4242	CUN	1.9	1.6	7.9	0.86	0.21	4.14	1955.	54.	2.
2562	0000	-817	37.0206	80.4236	CUN	1.8	1.8	7.6	0.98	0.23	4.16	1877.	54.	2.
2563	0000	-816	37.0206	80.4231	CUN	1.7	1.9	7.1	1.10	0.26	4.18	1762.	54.	2.
2564	0000	-811	37.0206	80.4224	CUN	1.6	1.7	6.8	1.06	0.25	4.26	1647.	55.	2.
2565	0000	-805	37.0206	80.4217	CUN	1.5 -	1.7	6.3	1.11	0.27	4.12	1562.	54.	3.
2566	0000	-796	37.0206	80.4211	CUN	1.5 -	1.4	5.4	0.98	0.26	3.72	1469.	55.	5.
2567	0000	-790	37.0206	80.4204	CUN	1.4 -	1.2	4.3 -	0.90	0.29 +	3.11	1371.	53.	7.
2568	0000	-790	37.0206	80.4198	CUN	1.3 --	1.1 -	3.5 -	0.81	0.30 +	2.65 -	1262.	52.	8.
2569	0000	-789	37.0206	80.4192	CUN	1.3 --	0.8 -	3.2 -	0.63 -	0.25	2.52 -	1198.	52.	9.
2570	0000	-783	37.0206	80.4185	CUN	1.3 --	0.6 --	3.1 -	0.43 -	0.18	2.36 -	1196.	52.	11.
2571	0000	-781	37.0206	80.4178	CH-1	1.4	0.6 --	3.2 ---	0.44 -	0.19	2.27 --	1266.	51.	11.
2572	0000	-784	37.0206	80.4171	CH-1	1.5	0.6 --	3.7 ---	0.38 --	0.16 -	2.39 --	1364.	51.	11.
2573	0000	-790	37.0206	80.4165	CH-1	1.6	0.7 --	4.8 --	0.45 -	0.15 -	2.98 -	1476.	52.	10.
2574	0000	-793	37.0206	80.4158	CH-1	1.7	0.7 --	5.9 -	0.41 --	0.12 --	3.35 -	1626.	50.	9.
2575	0000	-794	37.0206	80.4152	CH-1	1.9	0.9 -	6.5	0.47 -	0.14 -	3.51	1733.	51.	8.
2576	0000	-793	37.0206	80.4146	CH-1	1.9	1.1	6.9	0.60 -	0.16 -	3.73	1809.	50.	8.
2577	0000	-794	37.0206	80.4139	CH-1	1.8	1.2	7.5	0.68	0.16	4.15	1856.	49.	6.
2578	0000	-797	37.0206	80.4133	CH-1	1.8	1.4	7.6	0.76	0.18	4.19	1860.	49.	6.
2579	0000	-797	37.0206	80.4126	CH-1	1.8	1.4	7.9	0.81	0.18	4.47	1840.	52.	5.
2580	0000	-791	37.0206	80.4120	CH-1	1.8	1.4	8.1	0.76	0.17	4.48	1847.	51.	5.
2581	0000	-787	37.0207	80.4112	CH-1	1.8	1.5	8.4	0.85	0.18	4.74	1829.	53.	4.
2582	0000	-787	37.0207	80.4106	CH-1	1.7	1.4	8.7 +	0.83	0.17	5.00	1849.	56.	3.
2583	0000	-790	37.0207	80.4100	CH-2	1.8	1.5	9.1 --	0.81	0.16	4.98	1903.	57.	2.
2584	0000	-788	37.0207	80.4093	CH-2	1.9	1.4	9.6 -	0.70	0.14	4.95	1932.	58.	2.
2585	0000	-786	37.0207	80.4087	CH-2	2.0	1.5	10.1	0.73	0.15	4.99	2090.	58.	1.
2586	0000	-788	37.0207	80.4080	CH-2	2.1 +	1.6	10.5	0.76	0.15	5.05	2155.	57.	0.
2587	0000	-788	37.0207	80.4074	CH-2	2.1 +	1.7	10.3	0.79	0.16	4.84 -	2182.	58.	0.
2588	0000	-787	37.0207	80.4068	CH-2	2.2 +	1.6	10.2	0.72	0.15	4.69 -	2202.	56.	0.
2589	0000	-786	37.0207	80.4061	CH-2	2.3 +	1.5	10.5	0.66	0.14	4.65 -	2248.	55.	1.
2590	0000	-783	37.0207	80.4054	CH-2	2.2 +	1.4	10.7	0.61 -	0.13	4.75 -	2272.	55.	2.
2591	0000	-783	37.0207	80.4047	CH-2	2.3 +	1.3	10.5	0.55 -	0.12 -	4.56 -	2260.	53.	4.
2592	0000	-784	37.0207	80.4041	CH-2	2.3 +	1.0 -	10.4	0.42 -	0.09 -	4.56 -	2224.	51.	6.
2593	0000	-783	37.0207	80.4034	CH-2	2.4 +	0.8 --	10.2	0.33 -	0.07 --	4.36 -	2214.	51.	8.
2594	0000	-781	37.0207	80.4028	CH-2	2.3 +	0.9 -	9.8	0.39 -	0.09 -	4.27 -	2197.	51.	9.
2595	0000	-782	37.0207	80.4022	CH-2	2.3 +	1.0 -	9.5 -	0.42 -	0.10 -	4.12 -	2193.	52.	10.
2596	0000	-782	37.0207	80.4015	PCV-2	2.3	1.1	9.5	0.48	0.11 -	4.22	2168.	52.	10.
2597	0000	-781	37.0207	80.4008	PCV-2	2.3	1.2	9.3	0.53	0.13	3.99	2180.	51.	11.
2598	0000	-781	37.0207	80.4002	PCV-2	2.3	1.5	9.1	0.66	0.17	4.01	2186.	54.	9.
2599	0000	-779	37.0208	80.3995	PCV-2	2.3	1.5	9.0	0.66	0.17	3.97	2171.	55.	9.
2600	0000	-776	37.0208	80.3989	PCV-2	2.2	1.5	8.7	0.70	0.18	3.95	2132.	55.	8.
2601	0000	-775	37.0208	80.3982	PCV-2	2.2	1.2	9.0	0.55	0.13	4.08	2094.	55.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2602	0000	-776	37.0208	80.3976	PCV-2	2.1	1.3	8.9	0.61	0.14	4.26	2064.	54.	6.
2603	0000	-775	37.0208	80.3969	PCV-2	2.1	1.2	8.3	0.59	0.15	3.95	2044.	55.	6.
2604	0000	-775	37.0208	80.3963	PCV-2	2.0	1.1	8.1	0.56	0.14	4.01	1987.	56.	6.
2605	0000	-776	37.0208	80.3957	PCV-2	2.0	1.1	7.6	0.53	0.14	3.75	1934.	57.	6.
2606	0000	-773	37.0208	80.3950	PCV-2	2.1	1.2	7.4	0.57	0.16	3.56	1906.	60.	4.
2607	0000	-772	37.0208	80.3943	PCV-2	2.1	1.2	7.4	0.57	0.15	3.48	1912.	60.	4.
2608	0000	-773	37.0208	80.3936	PCV-2	2.1	1.2	7.2	0.57	0.17	3.41	1925.	58.	3.
2609	0000	-773	37.0208	80.3930	PCV-2	2.2	1.1	7.3	0.51	0.15	3.29	1925.	61.	3.
2610	0000	-772	37.0208	80.3923	PCV-2	2.2	1.3	7.3	0.59	0.18	3.37	1914.	61.	3.
2611	0000	-768	37.0209	80.3917	PCV-2	2.2	1.3	7.2	0.60	0.18	3.35	1915.	62.	2.
2612	0000	-765	37.0209	80.3911	PCV-2	2.1	1.4	7.6	0.65	0.18	3.60	1949.	58.	2.
2613	0000	-768	37.0209	80.3904	PCV-2	2.1	1.3	8.3	0.63	0.16	3.92	2016.	55.	3.
2614	0000	-770	37.0209	80.3898	PCV-2	2.1	1.3	9.1	0.63	0.14	4.42	2076.	54.	4.
2615	0000	-770	37.0209	80.3891	PCV-2	2.1	1.5	9.6	0.71	0.15	4.60	2135.	55.	4.
2616	0000	-769	37.0208	80.3885	PCV-2	2.1	1.6	9.8	0.77	0.16	4.79	2163.	54.	4.
2617	0000	-768	37.0209	80.3877	PCV-2	2.1	1.6	10.1 +	0.76	0.16	4.86	2163.	53.	4.
2618	0000	-767	37.0209	80.3871	PCV-2	2.0	1.4	10.5 +	0.69	0.13	5.13 +	2158.	52.	5.
2619	0000	-764	37.0209	80.3865	PCV-2	2.0	1.3	10.6 +	0.62	0.12	5.18 +	2154.	53.	6.
2620	0000	-764	37.0209	80.3858	PCV-2	1.9	1.4	10.1 +	0.75	0.14	5.22 +	2104.	52.	6.
2621	0000	-765	37.0209	80.3852	PCV-2	1.9	1.5	9.5	0.77	0.16	4.87	2051.	51.	7.
2622	0000	-764	37.0209	80.3845	PCV-2	1.9	1.3	9.2	0.69	0.14	4.87	1993.	51.	7.
2623	0000	-762	37.0209	80.3839	PCV-2	1.9	1.3	9.3	0.68	0.14	4.96 +	1986.	53.	7.
2624	0000	-761	37.0209	80.3833	PCV-2	1.9	1.3	9.5	0.70	0.14	5.01 +	2028.	53.	7.
2625	0000	-761	37.0209	80.3826	PCV-2	2.0	1.6	9.3	0.81	0.17	4.75	2088.	53.	5.
2626	0000	-761	37.0209	80.3819	PCV-2	2.1	1.8	9.0	0.85	0.20	4.37	2132.	54.	5.
2627	0000	-759	37.0209	80.3812	PCV-2	2.2	1.6	9.3	0.73	0.17	4.22	2175.	60.	4.
2628	0000	-758	37.0210	80.3806	PCV-2	2.2	1.8	8.9	0.80	0.20	4.05	2199.	59.	5.
2629	0000	-758	37.0210	80.3799	PCV-2	2.3	2.1	8.7	0.93	0.24	3.84	2244.	61.	4.
2630	0000	-757	37.0210	80.3793	PCV-2	2.4	2.0	8.7	0.85	0.23	3.66	2286.	58.	5.
2631	0000	-757	37.0210	80.3787	PCV-2	2.4	2.0	8.4	0.82	0.24	3.43	2305.	57.	4.
2632	0000	-757	37.0210	80.3780	PCV-2	2.5	2.0	8.4	0.82	0.24	3.35	2315.	59.	4.
2633	0000	-755	37.0210	80.3773	PCV-2	2.5	2.2	8.6	0.88	0.25	3.49	2319.	56.	3.
2634	0000	-755	37.0210	80.3766	PCV-2	2.4	2.2 +	8.8	0.92	0.25	3.68	2344.	52.	2.
2635	0000	-755	37.0210	80.3760	PCV-2	2.4	2.3 +	9.3	0.93	0.24	3.84	2384.	53.	1.
2636	0000	-754	37.0210	80.3754	PCV-2	2.4	2.3 +	9.6	0.95	0.24	3.99	2397.	53.	1.
2637	0000	-753	37.0210	80.3747	PCV-2	2.4	2.6 +	9.2	1.08 +	0.28 +	3.85	2405.	55.	0.
2638	0000	-751	37.0210	80.3741	PCV-2	2.4	2.6 +	9.5	1.05 +	0.27	3.88	2450.	55.	0.
2639	0000	-750	37.0210	80.3734	PCV-2	2.5	2.6 +	9.7	1.05 +	0.27 +	3.89	2514.	53.	0.
2640	0000	-748	37.0210	80.3728	PCV-2	2.6 +	2.5 +	10.6 +	0.94	0.23	4.02	2591.	55.	0.
2641	0000	-747	37.0210	80.3721	PCV-2	2.8 +	2.6 +	10.7 +	0.94	0.24	3.85	2644.	56.	0.
2642	0000	-749	37.0210	80.3715	PCV-2	2.9 +	2.6 +	10.6 +	0.90	0.24	3.73	2680.	57.	0.
2643	0000	-749	37.0210	80.3707	PCV-2	3.0 +	2.4 +	11.0 +	0.81	0.22	3.73	2725.	55.	0.
2644	0000	-747	37.0210	80.3701	PCV-2	3.0 +	2.4 +	11.3 +	0.80	0.21	3.82	2738	53.	0.
2645	0000	-749	37.0210	80.3695	PCV-2	2.9 +	2.6 +	11.4 +	0.90	0.23	3.87	2717.	53.	0.
2646	0000	-749	37.0211	80.3688	PCV-2	2.9 +	2.7 +	10.8 +	0.96	0.25	3.78	2670.	54.	0.
2647	0000	-746	37.0211	80.3682	PCV-2	2.8 +	2.8 +	10.0	1.01 +	0.28 +	3.60	2599.	53.	0.
2648	0000	-745	37.0211	80.3675	PCV-2	2.6 +	2.9 +	9.1	1.13 +	0.32 +	3.49	2508.	53.	0.
2649	0000	-746	37.0211	80.3669	PCV-2	2.5	2.7 +	9.0	1.08 +	0.30 +	3.60	2411.	52.	1.
2650	0000	-745	37.0211	80.3663	PCV-2	2.3	2.7 +	8.2	1.17 +	0.33 +	3.52	2331.	54.	2.
2651	0000	-744	37.0211	80.3656	PCV-2	2.3	2.7 +	8.0	1.20 +	0.34 +	3.56	2296.	55.	3.
2652	0000	-744	37.0211	80.3649	PCV-2	2.2	2.3 +	7.4	1.03 +	0.31 +	3.33	2252.	57.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2653	0000	-743	37.0211	80.3642	PCV-2	2.2	1.8	7.6	0.84	0.24	3.46	2213.	60.	8.
2654	0000	-741	37.0211	80.3636	PCV-2	2.2	1.7	7.1	0.81	0.25	3.29	2192.	60.	10.
2655	0000	-741	37.0211	80.3629	PCV-2	2.2	1.5	7.5	0.70	0.21	3.39	2222.	61.	12.
2656	0000	-741	37.0211	80.3623	PCV-2	2.3	2.1	7.2	0.90	0.29 +	3.13	2307.	60.	12.
2657	0000	-741	37.0211	80.3617	PCV-2	2.4	2.1	7.1	0.86	0.30 +	2.90 -	2363.	60.	13.
2658	0000	-739	37.0211	80.3610	PCV-2	2.5	2.2 +	7.2	0.88	0.31 +	2.83 -	2405.	60.	13.
2659	0000	-740	37.0211	80.3604	PCV-2	2.5	2.5 +	7.7	1.00	0.33 +	3.06 -	2466.	57.	11.
2660	0000	-738	37.0211	80.3597	PCV-2	2.6	2.9 +	7.7	1.15 +	0.38 +	2.99 -	2523.	56.	10.
2661	0000	-734	37.0211	80.3590	PCV-2	2.6 +	3.4 ++	8.2	1.29 +	0.41 ++	3.13	2584.	56.	7.
2662	0000	-735	37.0211	80.3584	PCV-2	2.6 +	3.6 ++	8.1	1.37 +	0.45 ++	3.07 -	2604.	56.	5.
2663	0000	-735	37.0211	80.3577	PCV-2	2.6	3.5 ++	8.1	1.38 +	0.43 ++	3.19	2590.	58.	4.
2664	0000	-733	37.0212	80.3571	PCV-2	2.5	3.7 ++	8.4	1.49 ++	0.44 ++	3.40	2580.	58.	2.
2665	0000	-729	37.0212	80.3564	PCV-2	2.4	3.7 ++	8.1	1.54 ++	0.46 ++	3.37	2552.	58.	1.
2666	0000	-726	37.0212	80.3558	PCV-2	2.5	3.7 ++	7.9	1.47 +	0.46 ++	3.17	2522.	57.	1.
2667	0000	-727	37.0212	80.3551	PCV-2	2.5	3.4 ++	7.6	1.36 +	0.45 ++	3.01 -	2499.	56.	1.
2668	0000	-726	37.0212	80.3545	PCV-2	2.5	3.0 +	7.3	1.20 +	0.40 +	2.97 -	2438.	58.	1.
2669	0000	-723	37.0212	80.3539	PCV-2	2.4	2.9 +	7.2	1.19 +	0.40 +	2.98 -	2396.	56.	1.
2670	0000	-722	37.0212	80.3532	PCV-2	2.5	2.8 +	7.4	1.12 +	0.38 +	2.98 -	2391.	57.	1.
2671	0000	-722	37.0212	80.3525	PCV-2	2.6	2.6 +	7.2	1.01	0.36 +	2.80 -	2409.	56.	2.
2672	0000	-720	37.0212	80.3519	PCV-2	2.5	2.6 +	7.5	1.00	0.34 +	2.94 -	2400.	57.	2.
2673	0000	-718	37.0212	80.3512	PCV-2	2.5	2.6 +	7.3	1.02 +	0.35 +	2.89 -	2395.	58.	3.
2674	0000	-716	37.0212	80.3505	PCV-2	2.4	2.7 +	7.5	1.11 +	0.35 +	3.13	2372.	57.	3.
2675	0000	-715	37.0212	80.3499	PCV-2	2.4	2.9 +	7.5	1.20 +	0.38 +	3.16	2368.	57.	3.
2676	0000	-715	37.0213	80.3493	PCV-2	2.4	2.8 +	7.8	1.17 +	0.36 +	3.22	2388.	60.	2.
2677	0000	-712	37.0212	80.3486	PCV-2	2.4	2.8 +	8.1	1.19 +	0.35 +	3.42	2387.	59.	2.
2678	0000	-711	37.0212	80.3480	PCV-2	2.3	3.1 +	8.2	1.36 +	0.38 +	3.58	2398.	59.	1.
2679	0000	-711	37.0212	80.3472	PCV-2	2.5	3.2 +	7.9	1.29 +	0.40 +	3.20	2470.	58.	1.
2680	0000	-707	37.0212	80.3466	PCV-2	2.6	3.2 +	8.2	1.22 +	0.38 +	3.19	2516.	58.	0.
2681	0000	-706	37.0212	80.3460	PCV-2	2.7 +	3.1 +	8.6	1.17 +	0.37 +	3.17	2552.	58.	0.
2682	0000	-709	37.0213	80.3454	PCV-2	2.8 +	3.1 +	8.9	1.09 +	0.34 +	3.17	2597.	58.	0.
2683	0000	-710	37.0213	80.3447	PCV-2	2.8 +	3.0 +	8.9	1.07 +	0.34 +	3.16	2618.	55.	0.
2684	0000	-712	37.0213	80.3440	PCV-2	2.8 +	2.8 +	9.0	0.99	0.32 +	3.15	2623.	56.	1.
2685	0000	-713	37.0213	80.3434	PCV-2	2.9 +	2.4 +	9.0	0.84	0.27 +	3.13	2555.	55.	2.
2686	0000	-712	37.0213	80.3427	PCV-2	2.7 +	2.2 +	9.3	0.83	0.24	3.43	2435.	56.	3.
2687	0000	-712	37.0213	80.3421	PCV-2	2.5	2.2 +	9.1	0.89	0.24	3.67	2327.	57.	3.
2688	0000	-712	37.0213	80.3415	PCV-2	2.4	1.9	9.0	0.80	0.21	3.76	2213.	57.	4.
2689	0000	-712	37.0213	80.3408	PCV-2	2.2	1.8	8.6	0.81	0.21	3.84	2115.	56.	4.
2690	0000	-712	37.0213	80.3401	PCV-2	2.1	1.7	8.1	0.80	0.21	3.80	1989.	61.	4.
2691	0000	-711	37.0213	80.3395	PCV-2	2.0	1.6	7.2	0.79	0.22	3.57	1860.	59.	5.
2692	0000	-711	37.0213	80.3389	PCV-2	1.9	1.6	6.5 -	0.87	0.25	3.46	1764.	60.	4.
2693	0000	-710	37.0213	80.3382	PCV-1	1.8	1.5 +	6.0 +	0.81 +	0.24	3.31 +	1684.	59.	4.
2694	0000	-709	37.0213	80.3376	PCV-1	1.8	1.2	5.3 +	0.67	0.23	2.94 +	1627.	58.	4.
2695	0000	-709	37.0213	80.3370	PCV-1	1.8	1.3 +	4.7	0.71	0.27	2.60	1619.	58.	4.
2696	0000	-709	37.0213	80.3364	PCV-1	1.8	1.1	4.3	0.63	0.27	2.37	1617.	58.	5.
2697	0000	-709	37.0213	80.3357	PCV-1	1.9	1.1	4.4	0.58	0.25	2.35	1623.	53.	5.
2698	0000	-709	37.0213	80.3351	PCV-1	1.9	1.1	4.3	0.56	0.25	2.25	1621.	55.	5.
2699	0000	-707	37.0213	80.3344	PCV-1	1.9	0.9	4.3	0.50	0.22	2.26	1630.	54.	5.
2700	0000	-704	37.0213	80.3338	PCV-1	1.9	0.9	4.4	0.46	0.21	2.24	1665.	53.	6.
2701	0000	-703	37.0213	80.3332	PCV-1	2.0 +	0.9	4.6	0.46	0.20	2.33	1678.	53.	6.
2702	0000	-702	37.0213	80.3326	PCV-1	1.9	1.0	4.9 +	0.51	0.20	2.52	1673.	51.	5.
2703	0000	-701	37.0213	80.3319	PCV-1	1.9	1.1	5.3 +	0.57	0.20	2.81 +	1639.	49.	5.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2704	0000	-700	37.0213	80.3313	PCV-1	1.9	1.1	5.5 +	0.57	0.20	2.88 +	1644.	49.	4.
2705	0000	-699	37.0213	80.3306	PCV-1	1.9	1.2	5.6 +	0.61	0.21	2.92 +	1662.	47.	4.
2706	0000	-700	37.0213	80.3300	PCV-2	1.9	1.2	6.1 -	0.61	0.19	3.14	1699.	48.	3.
2707	0000	-701	37.0213	80.3294	PCV-2	2.0	1.3	6.2 -	0.62	0.20	3.07	1719.	50.	3.
2708	0000	-700	37.0214	80.3288	PCV-2	2.0	1.3	6.1 -	0.64	0.21	3.00 -	1736.	50.	3.
2709	0000	-701	37.0213	80.3281	PCV-1	2.2 +	1.2	5.9 +	0.56	0.20	2.74	1751.	53.	3.
2710	0000	-701	37.0213	80.3275	PCV-1	2.3 ++	1.0	5.6 +	0.43	0.17	2.49	1771.	55.	5.
2711	0000	-699	37.0213	80.3268	PCV-1	2.3 ++	1.0	5.1 +	0.43	0.19	2.21	1774.	55.	6.
2712	0000	-698	37.0213	80.3262	PCV-1	2.4 ++	0.7	5.2 +	0.31 -	0.14 -	2.17	1781.	57.	7.
2713	0000	-698	37.02.3	80.3255	PCV-1	2.5 ++	0.7	5.1 +	0.30 -	0.14 -	2.08	1773.	60.	8.
2714	0000	-695	37.0213	80.3250	PCV-1	2.4 ++	0.7	4.8 +	0.30 -	0.15 -	1.98	1762.	60.	9.
2715	0000	-695	37.0213	80.3243	PCV-1	2.5 ++	0.8	4.5	0.34	0.18	1.85	1747.	59.	9.
2716	0000	-696	37.0213	80.3237	PCV-1	2.4 ++	0.9	4.6	0.39	0.20	1.93	1738.	59.	8.
2717	0000	-695	37.0213	80.3230	PCV-1	2.3 ++	1.0	4.1	0.44	0.25	1.76	1716.	60.	8.
2718	0000	-693	37.0214	80.3224	PCV-1	2.3 +	0.9	4.2	0.41	0.22	1.87	1693.	60.	8.
2719	0000	-693	37.0214	80.3217	PCV-1	2.1 +	1.1	4.1	0.51	0.27	1.90	1643.	58.	7.
2720	0000	-692	37.0214	80.3212	PCV-1	2.0 +	1.2	3.5	0.58	0.34	1.73	1601.	56.	5.
2721	0000	-691	37.0214	80.3205	PCV-1	2.0 +	1.1	3.6	0.57	0.31	1.82	1578.	56.	5.
2722	0000	-689	37.0214	80.3199	PCV-1	1.9	1.2	3.6	0.64	0.34	1.88	1568.	57.	4.
2723	0000	-683	37.0214	80.3192	PCV-1	1.9	1.2 +	3.7	0.66	0.33	1.98	1542.	56.	3.
2724	0000	-679	37.0213	80.3186	PCV-1	1.8	1.3 +	3.8	0.69	0.33	2.09	1527.	56.	2.
2725	0000	-682	37.0213	80.3180	PCV-1	1.8	1.4 +	3.9	0.76 +	0.35	2.17	1509.	56.	1.
2726	0000	-684	37.0213	80.3173	PCV-1	1.8	1.3 +	3.9	0.71	0.32	2.20	1498.	57.	2.
2727	0000	-683	37.0213	80.3167	PCV-1	1.8	1.1	3.9	0.61	0.28	2.17	1497.	56.	2.
2728	0000	-682	37.0214	80.3161	PCV-1	1.8	1.2	3.9	0.69	0.31	2.25	1466.	55.	1.
2729	0000	-682	37.0214	80.3155	PCV-1	1.8	0.9	4.8 +	0.52	0.19	2.72	1461.	56.	2.
2730	0000	-679	37.0214	80.3148	PCV-1	1.8	0.7	4.8 +	0.40	0.15 -	2.70	1483.	55.	2.
2731	0000	-678	37.0214	80.3141	PCV-1	1.8	0.9	5.2 +	0.50	0.17	2.94 +	1500.	52.	2.
2732	0000	-677	37.0214	80.3135	PCV-1	1.8	0.8	5.2 +	0.44	0.15 -	2.92 +	1511.	52.	2.
2733	0000	-678	37.0214	80.3129	PCV-1	1.7	0.9	5.1 +	0.53	0.18	2.94 +	1515.	52.	1.
2734	0000	-679	37.0214	80.3123	PCV-1	1.7	1.0	5.1 +	0.57	0.19	3.04 +	1499.	52.	2.
2735	0000	-679	37.0214	80.3116	PCV-1	1.7	0.8	5.0 +	0.46	0.16 -	2.92 +	1500.	54.	3.
2736	0000	-678	37.0214	80.3110	PCV-1	1.7	0.7	4.3	0.45	0.17	2.61	1456.	54.	4.
2737	0000	-678	37.0214	80.3104	PCV-1	1.6	0.6	4.0	0.36	0.14 -	2.49	1395.	57.	5.
2738	0000	-679	37.0214	80.3097	PCV-1	1.6	0.5 -	3.6	0.31 -	0.13 -	2.29	1348.	56.	6.
2739	0000	-677	37.0214	80.3091	PCV-1	1.6	0.4 -	3.6	0.25 -	0.11 -	2.28	1314.	56.	8.
2740	0010	-674	37.0214	80.3085	PCV-1	1.6	0.3 N.A.	3.5	0.16 N.A.	0.07 N.A.	2.21	1309.	54.	9.
2741	0010	-673	37.0214	80.3078	PCV-1	1.6	0.2 N.A.	3.5	0.12 N.A.	0.06 N.A.	2.17	1318.	56.	10.
2742	0000	-673	37.0214	80.3072	PCV-1	1.6	0.3 --	3.6	0.19 --	0.09 --	2.20	1332.	55.	9.
2743	0000	-673	37.0214	80.3065	PCV-1	1.6	0.5 -	3.7	0.29 -	0.13 -	2.26	1352.	58.	9.
2744	0000	-676	37.0214	80.3059	PCV-1	1.6	0.7	3.9	0.41	0.17	2.37	1383.	58.	8.
2745	0000	-678	37.0214	80.3053	PCV-1	1.7	0.6	4.2	0.34	0.14 -	2.52	1397.	59.	7.
2746	0000	-678	37.0214	80.3046	PCV-1	1.7	0.7	4.0	0.39	0.17	2.35	1409.	61.	7.
2747	0000	-678	37.0214	80.3040	PCV-1	1.7	0.8	4.2	0.49	0.20	2.49	1432.	61.	5.
2748	0000	-677	37.0214	80.3034	PCV-1	1.7	1.1	4.0	0.63	0.27	2.36	1434.	60.	5.
2749	0000	-678	37.0214	80.3028	PCV-1	1.8	1.1	4.0	0.59	0.26	2.26	1434.	59.	4.
2750	0000	-676	37.0214	80.3021	PCV-1	1.8	1.1	3.9	0.58	0.27	2.17	1444.	56.	3.
2751	0000	-676	37.0214	80.3015	PCV-1	1.9	1.2	3.4	0.66	0.36	1.83	1445.	58.	2.
2752	0000	-677	37.0214	80.3008	PCV-1	1.9	1.4 +	3.2	0.76 +	0.44 +	1.71	1455.	58.	2.
2753	0000	-677	37.0214	80.3002	PCV-1	1.8	1.5 +	3.4	0.83 +	0.44 +	1.86	1467.	56.	2.
2754	0000	-676	37.0214	80.2996	PCV-1	1.8	1.4 +	3.2	0.78 +	0.44 +	1.76	1445.	57.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2755	0000	-676	37.0214	80.2989	PCV-1	1.8	1.2	3.6	0.68	.33	2.04	1434.	55.	0.
2756	0000	-675	37.0214	80.2983	PCV-1	1.6	1.1	3.5	0.68	0.32	2.11	1388.	57.	1.
2757	0000	-674	37.0214	80.2976	PCV-1	1.5	1.3 +	3.4	0.82 +	0.37	2.20	1351.	57.	1.
2758	0000	-673	37.0214	80.2970	PCV-1	1.4	1.0	3.9	0.73	0.27	2.76	1309.	56.	2.
2759	0000	-671	37.0215	80.2964	PCV-1	1.4 -	0.9	4.0	0.66	0.23	2.89 +	1264.	55.	2.
2760	0000	-669	37.0215	80.2958	PCV-1	1.3 -	0.9	4.1	0.70	0.23	3.08 +	1237.	56.	2.
2761	0000	-668	37.0215	80.2952	PCV-1	1.3 -	0.9	4.2	0.72	0.22	3.19 +	1249.	59.	2.
2762	0000	-668	37.0215	80.2945	PCV-1	1.4 -	0.9	4.3	0.68	0.22	3.14 +	1260.	62.	3.
2763	0000	-667	37.0215	80.2939	PCV-1	1.4	1.0	4.7 +	0.68	0.20	3.31 +	1308.	63.	3.
2764	0000	-666	37.0214	80.2932	PCV-1	1.5	0.8	5.1 +	0.55	0.16	3.37 +	1370.	62.	4.
2765	0000	-666	37.0214	80.2925	PCV-1	1.6	0.9	5.0 +	0.55	0.17	3.17 +	1425.	59.	4.
2766	0000	-664	37.0214	80.2920	PCV-1	1.6	0.9	5.3 +	0.53	0.16 -	3.23 +	1453.	62.	4.
2767	0000	-662	37.0214	80.2914	PCV-1	1.7	0.9	5.0 +	0.52	0.18	2.94 +	1483.	62.	4.
2768	0000	-660	37.0214	80.2907	PCV-1	1.7	0.9	4.9 +	0.53	0.19	2.84 +	1491.	59.	4.
2769	0000	-658	37.0215	80.2901	PCV-1	1.7	1.1	4.7	0.62	0.23	2.72	1481.	59.	4.
2770	0000	-657	37.0215	80.2894	PCV-1	1.7	1.1	4.4	0.62	0.24	2.55	1473.	57.	4.
2771	0000	-656	37.0215	80.2888	PCV-1	1.7	1.1	4.3	0.67	0.27	2.51	1448.	59.	3.
2772	0000	-655	37.0215	80.2881	PCV-1	1.8	1.2	4.3	0.67	0.28	2.42	1448.	60.	3.
2773	0000	-657	37.0215	80.2876	PCV-1	1.8	1.3 +	4.0	0.73	0.33	2.19	1467.	60.	3.
2774	0000	-660	37.0215	80.2869	PCV-1	1.8	1.3 +	4.2	0.71	0.31	2.29	1472.	61.	3.
2775	0000	-661	37.0215	80.2863	PCV-1	1.8	1.2	3.8	0.65	0.31	2.10	1471.	62.	3.
2776	0000	-662	37.0215	80.2856	PCV-1	1.9	1.0	4.0	0.55	0.26	2.13	1497.	59.	4.
2777	0000	-665	37.0215	80.2850	PCV-1	1.9	1.1	4.0	0.57	0.26	2.17	1486.	60.	4.
2778	0000	-667	37.0214	80.2843	PCV-1	1.8	0.9	3.7	0.51	0.26	2.01	1474.	57.	6.
2779	0000	-669	37.0215	80.2837	PCV-1	1.7	1.0	3.5	0.58	0.28	2.10	1424.	59.	7.
2780	0000	-669	37.0215	80.2831	PCV-1	1.6	0.8	3.4	0.48	0.23	2.09	1398.	57.	7.
2781	0000	-663	37.0215	80.2824	PCV-1	1.6	0.8	3.1	0.51	0.26	1.95	1385.	54.	9.
2782	0000	-661	37.0215	80.2818	PCV-1	1.6	0.9	3.1	0.59	0.29	2.02	1365.	52.	9.
2783	0000	-661	37.0215	80.2812	PCV-1	1.5	0.9	2.8	0.59	0.33	1.81	1356.	52.	10.
2784	0000	-658	37.0215	80.2805	PCV-1	1.6	0.8	2.7	0.54	0.31	1.73	1386.	51.	10.
2785	0000	-657	37.0215	80.2799	PCV-1	1.6	1.0	2.8	0.60	0.34	1.76	1403.	52.	9.
2786	0000	-653	37.0215	80.2793	PCV-1	1.8	1.0	2.8	0.54	0.34	1.62	1455.	50.	10.
2787	0000	-647	37.0215	80.2787	PCV-1	1.8	1.0	3.0	0.59	0.35	1.66	1480.	51.	10.
2788	0000	-645	37.0215	80.2780	PCV-1	1.8	0.9	3.2	0.50	0.28	1.78	1485.	53.	10.
2789	0000	-643	37.0215	80.2774	PCV-1	1.8	0.9	3.1	0.47	0.28	1.70	1489.	54.	10.
2790	0000	-638	37.0215	80.2767	PCV-1	1.9	0.9	3.2	0.49	0.29	1.71	1477.	55.	9.
2791	0000	-637	37.0215	80.2761	PCV-1	1.9	0.9	3.2	0.50	0.30	1.68	1459.	58.	8.
2792	0000	-640	37.0215	80.2754	PCV-1	1.9	0.9	3.0	0.48	0.30	1.60	1453.	60.	8.
2793	0000	-641	37.0215	80.2749	PCV-1	1.8	0.9	3.0	0.48	0.29	1.64	1437.	59.	6.
2794	0000	-642	37.0215	80.2742	PCV-1	1.8	0.9	3.1	0.52	0.30	1.70	1441.	64.	5.
2795	0000	-647	37.0215	80.2736	PCV-1	1.8	1.0	3.0	0.57	0.34	1.65	1446.	65.	3.
2796	0000	-653	37.0215	80.2729	PCV-1	1.8	1.1	3.2	0.59	0.34	1.74	1441.	63.	2.
2797	0000	-655	37.0215	80.2723	PCV-1	1.8	1.1	3.4	0.62	0.33	1.91	1436.	62.	1.
2798	0000	-657	37.0215	80.2716	PCV-1	1.7	1.2	3.3	0.68	0.36	1.90	1413.	62.	1.
2799	0000	-660	37.0215	80.2711	PCV-1	1.7	1.2	3.4	0.74	0.36	2.06	1369.	60.	0.
2800	0000	-660	37.0215	80.2704	PCV-1	1.6	1.2	3.3	0.75	0.36	2.09	1321.	62.	1.
2801	0000	-659	37.0215	80.2698	PCV-1	1.5	1.2	3.0	0.82 +	0.41	2.01	1266.	60.	1.
2802	0000	-660	37.0215	80.2691	PCV-1	1.4	1.2 +	2.9	0.89 +	0.42 +	2.11	1227.	57.	3.
2803	0000	-663	37.0215	80.2685	PCV-1	1.3 -	1.1	2.9	0.84 +	0.38	2.21	1205.	56.	4.
2804	0000	-664	37.0215	80.2679	PCV-1	1.2 -	1.2	2.8	0.94 +	0.42 +	2.23	1183.	59.	5.
2805	0000	-665	37.0215	80.2672	PCV-1	1.2 -	1.2	2.8	1.01 +	0.42 +	2.40	1172.	58.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2806	0000	-667	37.0215	80.2667	PCV-1	1.2 -	1.1	3.2	0.90 +	0.33	2.70	1188.	59.	7.
2807	0000	-669	37.0215	80.2660	PCV-1	1.2 -	0.9	3.3	0.75 +	0.27	2.79 +	1197.	59.	8.
2808	0000	-670	37.0215	80.2654	PCV-1	1.2 -	0.9	3.5	0.74	0.25	2.90 +	1204.	60.	8.
2809	0000	-671	37.0215	80.2647	PCV-1	1.3 -	0.8	3.5	0.65	0.24	2.75	1224.	62.	8.
2810	0000	-672	37.0215	80.2640	PCV-1	1.3 -	0.9	3.8	0.72	0.25	2.87 +	1264.	63.	7.
2811	0000	-672	37.0215	80.2634	PCV-1	1.4	1.0	4.2	0.72	0.24	3.01 +	1311.	62.	5.
2812	0000	-673	37.0215	80.2628	PCV-1	1.5	0.9	4.4	0.63	0.21	2.98 +	1371.	62.	5.
2813	0000	-674	37.0215	80.2622	PCV-1	1.5	1.1	4.3	0.74	0.26	2.81 +	1406.	61.	4.
2814	0000	-674	37.0215	80.2615	PCV-1	1.6	1.2 +	4.5	0.80 +	0.28	2.87 +	1438.	61.	3.
2815	0000	-676	37.0215	80.2609	PCV-1	1.6	1.1	4.5	0.70	0.25	2.82 +	1453.	61.	4.
2816	0000	-677	37.0215	80.2603	PCV-1	1.5	1.2	4.5	0.80 +	0.27	2.96 +	1447.	59.	3.
2817	0000	-677	37.0215	80.2596	PCV-1	1.5	1.2	4.4	0.78 +	0.27	2.91 +	1443.	57.	3.
2818	0000	-677	37.0215	80.2589	PCV-1	1.5	1.0	4.2	0.66	0.24	2.73	1416.	56.	4.
2819	0000	-677	37.0215	80.2584	PCLY-1	1.5	1.1	3.8	0.73	0.28	2.60	1357.	55.	4.
2820	0000	-679	37.0216	80.2577	PCLY-1	1.4	0.8	3.6	0.58	0.22	2.56	1300.	54.	4.
2821	0000	-679	37.0215	80.2571	PCLY-1	1.3	0.8	3.0 -	0.57	0.25	2.26	1255.	54.	5.
2822	0000	-681	37.0215	80.2564	PCLY-1	1.3	0.8	3.4	0.61	0.24	2.57	1251.	51.	4.
2823	0000	-682	37.0215	80.2558	PCLY-1	1.4	0.8	3.3	0.58	0.24	2.38	1255.	49.	4.
2824	0000	-683	37.0215	80.2552	PCLY-1	1.4	1.0	3.2	0.70	0.30	2.31	1239.	51.	3.
2825	0000	-686	37.0215	80.2545	PCLY-1	1.4	1.0	3.5	0.72	0.28	2.54	1240.	51.	3.
2826	0000	-689	37.0215	80.2539	PCLY-1	1.4	1.1	3.9	0.76	0.28	2.74	1268.	52.	2.
2827	0000	-689	37.0215	80.2533	PCLY-1	1.4	1.2	4.1	0.82	0.29	2.84	1317.	53.	2.
2828	0000	-690	37.0215	80.2527	PCLY-1	1.5	1.2	4.7	0.77	0.25	3.09	1359.	52.	2.
2829	0000	-694	37.0215	80.2520	PCLY-1	1.6	1.3	4.6	0.79	0.27	2.86	1400.	53.	2.
2830	0000	-696	37.0216	80.2514	PCLY-1	1.6	1.1	4.9	0.70	0.23	3.04	1411.	53.	2.
2831	0000	-696	37.0216	80.2507	PCLY-1	1.6	0.9	5.1 +	0.60	0.18	3.27	1416.	53.	3.
2832	0000	-698	37.0216	80.2502	PCLY-1	1.6	1.0	4.9	0.65	0.21	3.11	1411.	53.	4.
2833	0000	-699	37.0216	80.2495	PCLY-1	1.6	0.8	4.7	0.50	0.17 -	3.03	1400.	54.	5.
2834	0000	-697	37.0216	80.2489	PCLY-1	1.6	0.8	4.7	0.54	0.18	3.01	1383.	53.	5.
2835	0000	-698	37.0215	80.2482	PCLY-1	1.5	0.9	4.5	0.57	0.19	2.91	1390.	52.	6.
2836	0000	-702	37.0215	80.2476	PCLY-1	1.5	0.6 -	4.3	0.42 -	0.15 -	2.80	1389.	52.	8.
2837	0000	-704	37.0215	80.2469	PCLY-1	1.6	0.8	4.2	0.49	0.18	2.68	1429.	54.	9.
2838	0000	-706	37.0215	80.2463	PCLY-1	1.7	0.8	4.3	0.49	0.19	2.60	1476.	56.	10.
2839	0000	-707	37.0215	80.2457	PCLY-1	1.7	0.7 -	4.5	0.40 -	0.15 -	2.66	1520.	56.	12.
2840	0000	-703	37.0216	80.2451	PCLY-1	1.7	0.7	4.8	0.43 -	0.15 -	2.82	1559.	55.	13.
2841	0000	-701	37.0216	80.2444	PCLY-1	1.7	0.6 -	4.8	0.36 -	0.13 -	2.79	1599.	55.	14.
2842	0000	-700	37.0216	80.2438	PCLY-1	1.7	0.8	5.5 +	0.44	0.14 -	3.16	1648.	54.	13.
2843	0000	-696	37.0216	80.2431	PCLY-2	1.7	1.0 -	6.1 --	0.55 -	0.16	3.51 -	1690.	55.	12.
2844	0000	-694	37.0216	80.2425	PCLY-2	1.7	1.1 -	6.6 -	0.63 -	0.16	3.87 -	1737.	55.	11.
2845	0000	-698	37.0216	80.2419	PCLY-2	1.7	1.3	6.9 -	0.76	0.19	3.99	1793.	54.	9.
2846	0000	-704	37.0216	80.2412	PCLY-2	1.8	1.6	7.1	0.88	0.22	4.04	1858.	55.	7.
2847	0000	-707	37.0216	80.2406	PCLY-2	1.8	1.9	7.3	1.04	0.25 +	4.11	1907.	57.	5.
2848	0000	-705	37.0216	80.2400	PCLY-2	1.9	2.2 +	7.7	1.18	0.29 +	4.12	1984.	58.	3.
2849	0000	-700	37.0216	80.2393	PCLY-2	1.9 +	2.2 +	7.8	1.13	0.28 +	4.01	2023.	60.	2.
2850	0000	-692	37.0216	80.2387	PCLY-2	2.0 +	2.3 +	8.1	1.16	0.28 +	4.12	2041.	59.	1.
2851	0000	-690	37.0216	80.2380	PCLY-2	2.0 +	2.4 ++	8.2	1.22	0.29 +	4.18	2057.	58.	0.
2852	0000	-698	37.0216	80.2375	PCLY-2	2.0 +	2.3 +	7.9	1.12	0.28 +	3.95	2062.	60.	0.
2853	0000	-704	37.0216	80.2368	PCLY-2	2.0 +	2.2 +	8.2	1.11	0.27 +	4.10	2070.	56.	0.
2854	0000	-703	37.0216	80.2362	PCLY-2	2.0 +	2.3 +	8.3	1.15	0.28 +	4.16	2088.	54.	0.
2855	0000	-701	37.0216	80.2355	PCLY-2	2.0 +	2.3 +	8.5	1.15	0.27 +	4.26	2075.	53.	0.
2856	0000	-700	37.0216	80.2348	PCLY-2	1.9 +	2.5 ++	8.0	1.30	0.31 ++	4.15	2038.	53.	0.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES					*		
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2857	0000	-699	37.0216	80.2342 PCLY-2	1.9	2.4 ++	7.7	1.28	0.31 ++	4.13	1982.	53.	0.
2858	0000	-696	37.0216	80.2336 PCLY-2	1.8	2.1 +	7.4	1.12	0.28 +	4.04	1891.	52.	0.
2859	0000	-693	37.0216	80.2330 PCLY-2	1.7	1.8	7.4	1.06	0.24	4.34	1800.	50.	0.
2860	0000	-693	37.0216	80.2324 PCLY-2	1.7	1.7	7.0 -	1.03	0.25	4.20	1719.	51.	0.
2861	0000	-699	37.0216	80.2317 PCLY-2	1.7	1.5	6.6 -	0.89	0.23	3.92	1646.	53.	0.
2862	0000	-709	37.0216	80.2311 PCLY-2	1.6	1.3	6.2 --	0.80	0.21	3.76 -	1597.	53.	0.
2863	0000	-715	37.0216	80.2304 PCLY-1	1.7	1.3	6.0 +	0.79	0.22	3.61	1588.	55.	0.
2864	0000	-717	37.0216	80.2298 PCLY-1	1.7	1.6 +	5.5 +	0.91	0.28	3.21	1612.	56.	0.
2865	0000	-718	37.0216	80.2292 PCLY-1	1.8 +	1.6 +	5.4 +	0.89	0.29	3.02	1645.	58.	0.
2866	0000	-718	37.0216	80.2286 PCLY-1	1.8 +	1.7 +	5.0 +	0.91	0.33	2.75	1686.	58.	0.
2867	0000	-718	37.0216	80.2279 PCLY-1	1.9 +	1.6 +	5.2 +	0.87	0.31	2.79	1711.	59.	0.
2868	0000	-717	37.0216	80.2273 PCLY-1	1.9 +	1.6 +	5.3 +	0.82	0.30	2.75	1733.	58.	0.
2869	0000	-715	37.0216	80.2267 PCLY-1	1.9 +	1.6 +	5.2 +	0.85	0.31	2.78	1715.	59.	0.
2870	0000	-714	37.0216	80.2260 PCLY-1	1.8 +	1.4 +	5.4 +	0.79	0.27	2.94	1704.	58.	0.
2871	0000	-714	37.0217	80.2254 PCLY-1	1.7	1.4	5.6 +	0.81	0.25	3.27	1678.	56.	0.
2872	0000	-713	37.0216	80.2248 PCLY-1	1.7	1.6 +	5.2 +	0.96	0.30	3.18	1650.	56.	0.
2873	0000	-713	37.0216	80.2242 PCLY-1	1.6	1.7 +	5.4 +	1.07	0.31	3.40	1605.	55.	0.
2874	0000	-711	37.0216	80.2235 PCLY-1	1.5	1.8 +	4.9	1.18 +	0.37 +	3.22	1550.	55.	0.
2875	0000	-713	37.0216	80.2228 PCLY-1	1.4	1.8 +	4.6	1.29 +	0.39 +	3.28	1486.	56.	0.
2876	0000	-715	37.0216	80.2222 PCLY-1	1.4	1.8 +	4.2	1.27 +	0.43 +	2.94	1451.	55.	1.
2877	0000	-714	37.0216	80.2216 PCLY-1	1.5	1.8 +	3.7	1.20 +	0.48 ++	2.50	1412.	55.	1.
2878	0000	-714	37.0216	80.2209 PCLY-1	1.5	1.6 +	3.4	1.02	0.47 ++	2.20	1390.	56.	2.
2879	0000	-714	37.0216	80.2203 PCLY-1	1.6	1.3	3.3	0.84	0.40 +	2.11	1371.	55.	3.
2880	0000	-712	37.0216	80.2197 PCLY-1	1.5	1.4	2.8 -	0.91	0.50 ++	1.81 --	1351.	54.	4.
2881	0000	-713	37.0217	80.2191 PCLY-1	1.5	1.2	2.5 -	0.81	0.50 ++	1.63 -	1328.	54.	5.
2882	0000	-713	37.0217	80.2184 PCLY-1	1.5	1.2	2.4 -	0.79	0.51 ++	1.54 -	1322.	51.	7.
2883	0000	-712	37.0217	80.2177 PCLY-1	1.5	1.0	2.3 -	0.70	0.45 +	1.57 -	1284.	53.	8.
2884	0000	-712	37.0217	80.2171 PCLY-1	1.3	1.0	2.5 -	0.72	0.38 +	1.87 -	1229.	53.	7.
2885	0000	-714	37.0217	80.2166 PCLY-1	1.3	1.0	2.4 -	0.76	0.40 +	1.87 -	1181.	54.	8.
2886	0000	-714	37.0217	80.2159 PCLY-1	1.2 -	1.1	2.7 -	0.95	0.41 +	2.29	1142.	54.	7.
2887	0000	-716	37.0216	80.2152 PCLY-1	1.1 -	1.2	3.1	1.11	0.39 +	2.85	1146.	55.	7.
2888	0000	-717	37.0216	80.2146 PCLY-1	1.1 -	1.2	3.6	1.10	0.32	3.40	1167.	57.	6.
2889	0000	-717	37.0216	80.2140 PCLY-1	1.1 -	1.4	4.2	1.28 +	0.32	4.01 +	1201.	57.	4.
2890	0000	-719	37.0216	80.2133 PCLY-1	1.1 -	1.7 +	4.6	1.58 +	0.36	4.36 +	1265.	55.	3.
2891	0000	-721	37.0217	80.2127 PCLY-1	1.2 -	1.8 ++	4.8	1.58 +	0.38 +	4.19 +	1342.	56.	3.
2892	0000	-718	37.0217	80.2121 PCLY-1	1.1 -	1.7 +	5.2 +	1.51 +	0.33	4.56 +	1369.	55.	2.
2893	0000	-718	37.0217	80.2115 PCLY-1	1.2	1.7 +	5.1 +	1.43 +	0.33	4.26 +	1394.	56.	3.
2894	0000	-720	37.0217	80.2108 PCLY-1	1.2	1.4	5.0	1.11	0.27	4.04 +	1396.	56.	3.
2895	0000	-719	37.0217	80.2102 PCLY-1	1.2	1.4	4.7	1.14 +	0.30	3.80	1386.	55.	2.
2896	0000	-719	37.0217	80.2095 PCLY-1	1.3	1.2	4.6	0.96	0.27	3.62	1365.	56.	3.
2897	0000	-721	37.0217	80.2088 PCLY-1	1.3	0.9	4.4	0.73	0.21	3.46	1327.	57.	4.
2898	0000	-723	37.0217	80.2083 PCLY-1	1.3	0.7	4.2	0.57	0.17 -	3.38	1300.	56.	5.
2899	0000	-723	37.0217	80.2076 PCLY-1	1.3	1.0	4.1	0.75	0.23	3.23	1302.	57.	4.
2900	0000	-721	37.0216	80.2070 PCLY-1	1.3	0.9	4.1	0.68	0.21	3.21	1296.	56.	4.
2901	0000	-721	37.0217	80.2063 PCLY-1	1.3	1.0	4.1	0.80	0.25	3.20	1292.	55.	4.
2902	0000	-721	37.0217	80.2057 PCLY-1	1.3	1.0	4.1	0.76	0.24	3.21	1297.	54.	4.
2903	0000	-718	37.0217	80.2051 PCLY-1	1.3	1.1	3.9	0.85	0.28	3.03	1314.	54.	4.
2904	0000	-715	37.0217	80.2044 PCLY-1	1.3	1.2	4.1	0.92	0.29	3.13	1348.	52.	3.
2905	0000	-715	37.0217	80.2039 PCLY-1	1.4	1.4	4.3	0.99	0.32	3.11	1381.	53.	2.
2906	0000	-718	37.0217	80.2032 PCLY-1	1.4	1.3	4.4	0.91	0.30	3.06	1416.	53.	1.
2907	0000	-723	37.0217	80.2025 PCLY-1	1.5	1.4	4.8	0.94	0.30	3.18	1456.	52.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SU[redacted]1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2908	0000	-724	37.0217	80.2019	PCLY-1	1.6	1.3	5.0	0.82	0.27	3.09	1505.	51.	1.
2909	0000	-721	37.0217	80.2013	PCLY-1	1.7	1.4	5.3 +	0.83	0.26	3.12	1560.	52.	0.
2910	0000	-719	37.0217	80.2007	PCLY-1	1.7	1.3	5.5 +	0.77	0.24	3.21	1559.	52.	0.
2911	0000	-716	37.0217	80.2000	PCLY-1	1.7	1.2	5.4 +	0.68	0.22	3.11	1540.	54.	1.
2912	0000	-712	37.0217	80.1994	PCLY-1	1.7	1.0	5.3 +	0.63	0.20	3.22	1523.	52.	2.
2913	0000	-712	37.0216	80.1987	PCLY-1	1.6	1.0	5.2 +	0.60	0.19	3.20	1499.	51.	3.
2914	0000	-713	37.0216	80.1981	PCLY-1	1.6	1.0	5.2 +	0.64	0.20	3.26	1511.	50.	3.
2915	0000	-714	37.0216	80.1975	PCLY-1	1.5	1.1	5.3 +	0.70	0.20	3.44	1524.	51.	4.
2916	0000	-717	37.0216	80.1968	PCLY-1	1.5	1.2	5.3 +	0.77	0.22	3.57	1528.	50.	5.
2917	0000	-717	37.0216	80.1962	PCLY-1	1.6	1.1	5.5 +	0.74	0.21	3.51	1571.	51.	6.
2918	0000	-716	37.0215	80.1956	PCLY-1	1.6	1.1	5.5 +	0.72	0.21	3.44	1580.	52.	6.
2919	0000	-718	37.0215	80.1950	PCLY-1	1.6	1.2	5.2 +	0.74	0.23	3.26	1559.	52.	7.
2920	0000	-718	37.0215	80.1943	PCLY-1	1.6	1.2	5.0	0.73	0.23	3.10	1550.	53.	7.
2921	0000	-715	37.0215	80.1937	PCLY-1	1.7	1.1	4.3	0.69	0.27	2.60	1507.	54.	7.
2922	0000	-712	37.0215	80.1931	PCLY-1	1.6	1.1	3.5	0.67	0.31	2.18	1437.	55.	8.
2923	0000	-711	37.0215	80.1924	PCLY-1	1.6	0.9	2.9 -	0.57	0.31	1.83 -	1375.	55.	7.
2924	0000	-712	37.0215	80.1918	PCLY-1	1.6	0.8	2.3 -	0.54	0.36	1.49 -	1299.	56.	7.
2925	0000	-711	37.0215	80.1911	PCLY-1	1.5	0.8	2.2 -	0.52	0.35	1.48 -	1278.	53.	7.
2926	0000	-713	37.0215	80.1906	PCLY-1	1.5	0.8	2.1 -	0.50	0.35	1.41 -	1272.	54.	7.
2927	0000	-713	37.0215	80.1899	PCLY-1	1.5	0.7	2.2 -	0.47	0.32	1.47 -	1254.	54.	6.
2928	0000	-715	37.0214	80.1892	PCLY-1	1.4	0.6 -	2.4 -	0.39 -	0.23	1.72 -	1232.	55.	7.
2929	0000	-717	37.0214	80.1886	PCLY-1	1.4	0.6 -	2.7 -	0.41 -	0.22	1.89 -	1213.	54.	6.
2930	0000	-716	37.0214	80.1880	PCLY-1	1.3	0.5 -	2.8 -	0.40 -	0.19	2.11	1183.	55.	6.
2931	0000	-716	37.0214	80.1874	PCLY-1	1.3	0.7	3.1	0.56	0.23	2.47	1180.	54.	5.
2932	0000	-716	37.0214	80.1867	PCLY-1	1.3	0.9	3.0 -	0.70	0.29	2.36	1162.	58.	5.
2933	0000	-714	37.0214	80.1861	PCLY-1	1.2	0.8	3.5	0.67	0.23	2.87	1162.	59.	4.
2934	0000	-716	37.0214	80.1855	PCLY-1	1.3	0.9	3.5	0.74	0.26	2.81	1180.	58.	4.
2935	0000	-716	37.0214	80.1848	PCLY-1	1.3	1.0	3.5	0.78	0.28	2.77	1190.	57.	4.
2936	0000	-714	37.0213	80.1842	PCLY-1	1.2	1.1	3.2	0.85	0.33	2.60	1200.	58.	4.
2937	0000	-714	37.0213	80.1835	PCLY-1	1.3	1.2	2.9 -	0.94	0.41 +	2.30	1215.	57.	3.
2938	0000	-713	37.0213	80.1829	PCLY-1	1.3	1.1	2.8 -	0.83	0.39 +	2.12	1210.	56.	4.
2939	0000	-712	37.0213	80.1823	PCLY-1	1.3	1.1	3.0 -	0.88	0.37 +	2.36	1204.	55.	3.
2940	0000	-710	37.0213	80.1816	PCLY-1	1.3	1.1	2.5 -	0.89	0.46 ++	1.94 -	1195.	53.	3.
2941	0000	-707	37.0213	80.1810	PCLY-1	1.3	1.0	2.6 -	0.77	0.38 +	2.03	1190.	56.	3.
2942	0000	-708	37.0213	80.1804	PCLY-1	1.3	1.1	2.6 -	0.84	0.42 +	2.01	1207.	56.	3.
2943	0000	-709	37.0213	80.1798	PCLY-1	1.4	1.0	3.1	0.76	0.33	2.29	1245.	54.	3.
2944	0000	-708	37.0212	80.1791	PCLY-1	1.4	1.1	3.3	0.78	0.32	2.39	1268.	54.	3.
2945	0000	-707	37.0212	80.1785	PCLY-1	1.4	1.0	3.5	0.72	0.30	2.43	1294.	56.	3.
2946	0000	-705	37.0212	80.1779	PCLY-1	1.5	1.0	3.3	0.67	0.30	2.25	1325.	54.	4.
2947	0000	-705	37.0212	80.1772	PCLY-1	1.5	0.9	3.5	0.58	0.24	2.38	1331.	56.	5.
2948	0000	-707	37.0212	80.1766	PCLY-1	1.4	0.9	3.6	0.63	0.25	2.49	1316.	53.	5.
2949	0000	-707	37.0212	80.1760	PCLY-1	1.4	0.7 -	3.7	0.48	0.18	2.64	1278.	55.	5.
2950	0000	-707	37.0211	80.1754	PCLY-1	1.3	0.6 -	3.7	0.42 -	0.15 -	2.76	1245.	55.	5.
2951	0000	-708	37.0211	80.1747	PCLY-1	1.4	0.5 -	4.0	0.34 -	0.12 -	2.86	1248.	55.	5.
2952	0000	-707	37.0211	80.1740	PCLY-1	1.4	0.6 -	3.9	0.43 -	0.15 -	2.84	1242.	55.	5.
2953	0000	-706	37.0211	80.1734	PCLY-1	1.4	0.6 -	4.3	0.42 -	0.13 -	3.13	1256.	56.	4.
2954	0000	-707	37.0211	80.1728	PCLY-1	1.4	1.0	4.3	0.71	0.23	3.11	1290.	55.	3.
2955	0000	-706	37.0211	80.1722	PCLY-1	1.4	1.0	4.4	0.72	0.23	3.15	1338.	54.	2.
2956	0000	-705	37.0210	80.1715	PCLY-1	1.4	1.2	4.7	0.88	0.26	3.32	1397.	52.	1.
2957	0000	-701	37.0210	80.1709	PCLY-1	1.5	1.2	4.9	0.79	0.25	3.21	1444.	54.	1.
2958	0000	-700	37.0210	80.1703	PCLY-1	1.5	1.4	5.1 +	0.96	0.28	3.39	1475.	54.	0.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2959	0000	-700	37.0210	80.1696 PCLY-1	1.5	1.5 +	5.4 +	0.96	0.27	3.52	1531.	54.	1.
2960	0000	-699	37.0210	80.1690 PCLY-1	1.7	1.5 +	5.7 +	0.93	0.27	3.48	1586.	53.	1.
2961	0000	-698	37.0210	80.1684 PCLY-2	1.8	1.4	6.0 --	0.82	0.24	3.43	1632.	54.	1.
2962	0000	-700	37.0210	80.1677 PCLY-2	1.8	1.3	6.1 --	0.73	0.22	3.29 -	1669.	56.	2.
2963	0000	-702	37.0210	80.1671 PCLY-2	1.9 +	1.2 -	6.1 --	0.62 -	0.20	3.15 -	1719.	58.	2.
2964	0000	-701	37.0209	80.1664 PCLY-2	2.0 +	1.4	6.3 -	0.71	0.22	3.24 -	1772.	58.	2.
2965	0000	-698	37.0209	80.1658 PCLY-2	2.0 +	1.2 -	6.3 -	0.63 -	0.19	3.22 -	1796.	58.	3.
2966	0000	-695	37.0209	80.1652 PCLY-2	2.0 +	1.1 -	6.4 -	0.57 -	0.18	3.17 -	1805.	57.	3.
2967	0000	-691	37.0209	80.1646 PCLY-2	2.0 +	1.2 -	6.2 -	0.62 -	0.20	3.09 -	1798.	58.	3.
2968	0000	-687	37.0209	80.1639 PCLY-2	2.0 +	1.1 -	6.0 --	0.55 -	0.18	3.04 -	1777.	59.	4.
2969	0000	-691	37.0209	80.1633 PCLY-2	1.9 +	1.1 -	6.1 --	0.54 -	0.17	3.17 -	1770.	56.	4.
2970	0000	-694	37.0209	80.1627 PCLY-2	1.9	1.1 -	6.3 -	0.60 -	0.18	3.34 -	1769.	56.	4.
2971	0000	-694	37.0209	80.1620 PCLY-2	1.9	1.3	6.3 -	0.68 -	0.20	3.36 -	1784.	57.	3.
2972	0000	-693	37.0209	80.1614 PCLY-2	1.9 +	1.5	6.2 --	0.80	0.25	3.22 -	1828.	54.	3.
2973	0000	-688	37.0209	80.1608 PCLY-2	1.9 +	1.7	6.2 -	0.87	0.27 +	3.21 -	1873.	56.	3.
2974	0000	-688	37.0208	80.1602 PCLY-2	2.0 +	1.6	6.6 -	0.83	0.25	3.36 -	1920.	54.	3.
2975	0000	-690	37.0208	80.1595 PCLY-2	2.0 +	1.6	7.1	0.83	0.23	3.55 -	1965.	52.	2.
2976	0000	-688	37.0208	80.1589 PCLY-2	2.0 +	1.9	7.2	0.92	0.26 +	3.57 -	2007.	54.	2.
2977	0000	-687	37.0208	80.1582 PCLY-2	2.1 +	1.9	7.3	0.89	0.26 +	3.46 -	2025.	53.	2.
2978	0000	-687	37.0208	80.1575 PCLY-2	2.2 +	1.6	7.4	0.76	0.22	3.44 -	2015.	52.	2.
2979	0000	-685	37.0208	80.1570 PCLY-2	2.2 +	1.6	7.5	0.74	0.21	3.47 -	2002.	52.	2.
2980	0000	-685	37.0208	80.1563 PCLY-2	2.1 +	1.6	7.3	0.76	0.22	3.40 -	1968.	51.	2.
2981	0000	-684	37.0208	80.1557 PCLY-2	2.1 +	1.4	6.8 -	0.64 -	0.20	3.18 -	1919.	52.	3.
2982	0000	-684	37.0207	80.1551 PCLY-2	2.1 +	1.4	6.5 -	0.65 -	0.21	3.05 -	1869.	54.	4.
2983	0000	-686	37.0207	80.1544 PCLY-2	2.1 +	1.4	6.2 --	0.65 -	0.22	2.92 -	1822.	55.	4.
2984	0000	-688	37.0207	80.1538 PCLY-1	2.1 ++	1.2	5.8 +	0.59	0.21	2.85	1787.	57.	4.
2985	0000	-689	37.0207	80.1532 PCLY-1	2.0 +	1.2	5.6 +	0.58	0.21	2.80	1756.	56.	5.
2986	0000	-690	37.0207	80.1526 PCLY-1	1.9 +	0.9	5.8 +	0.48	0.16 -	2.98	1738.	57.	5.
2987	0000	-691	37.0207	80.1519 PCLY-2	1.9 +	0.9 -	6.0 --	0.46 -	0.15 -	3.11 -	1746.	58.	6.
2988	0000	-693	37.0206	80.1512 PCLY-2	1.9	1.0 -	6.4 -	0.54 -	0.16	3.35 -	1773.	59.	5.
2989	0000	-696	37.0206	80.1506 PCLY-2	2.0 +	0.8 --	6.8 -	0.42 --	0.12 -	3.48 -	1811.	57.	5.
2990	0000	-698	37.0206	80.1499 PCLY-2	2.0 +	0.9 --	7.2	0.43 --	0.12 -	3.65 -	1844.	56.	4.
2991	0000	-699	37.0206	80.1494 PCLY-2	2.0 +	1.0 -	7.5	0.49 -	0.13 -	3.70 -	1884.	56.	4.
2992	0000	-698	37.0206	80.1487 PCLY-2	2.1 +	1.2 -	7.9	0.59 -	0.16 -	3.77 -	1940.	57.	3.
2993	0000	-697	37.0206	80.1481 PCLY-2	2.2 +	1.2 -	7.9	0.56 -	0.16	3.55 -	1996.	58.	3.
2994	0000	-700	37.0206	80.1475 PCLY-2	2.2 +	1.1 -	8.2	0.51 -	0.14 -	3.65 -	2019.	59.	2.
2995	0000	-702	37.0205	80.1468 PCLY-2	2.3 +	1.3	8.2	0.57 -	0.16	3.62 -	2032.	59.	2.
2996	0000	-700	37.0205	80.1462 PCLY-2	2.2 +	1.6	8.2	0.73	0.19	3.74 -	2048.	59.	2.
2997	0000	-699	37.0205	80.1456 PCLY-2	2.2 +	1.5	8.5	0.71 -	0.18	3.91	2046.	59.	2.
2998	0000	-699	37.0205	80.1450 PCLY-2	2.1 +	1.4	8.6	0.65 -	0.16	4.07	2017.	59.	3.
2999	0000	-696	37.0205	80.1443 PCLY-2	1.9 +	1.3	8.4	0.68 -	0.16	4.35	1971.	60.	3.
3000	0000	-695	37.0205	80.1437 PCLY-2	1.8	1.3	8.7	0.73	0.15 -	4.86	1910.	58.	4.
3001	0000	-692	37.0204	80.1430 PCLY-2	1.7	1.3	8.6	0.77	0.15 -	4.99	1875.	59.	4.
3002	0000	-686	37.0204	80.1423 PCLY-2	1.7	1.2 -	8.9	0.72	0.14 -	5.25	1854.	60.	4.
3003	0000	-685	37.0204	80.1418 PCLY-2	1.7	1.1 -	8.9	0.64 -	0.12 -	5.35	1836.	62.	3.
3004	0000	-683	37.0204	80.1411 PCLY-2	1.6	1.2 -	8.5	0.76	0.15 -	5.26	1806.	62.	3.
3005	0000	-681	37.0204	80.1405 PCLY-2	1.6	1.5	8.2	0.94	0.18	5.27	1796.	63.	2.
3006	0000	-684	37.0204	80.1399 PCLY-2	1.6	1.4	7.9	0.88	0.18	5.02	1770.	63.	1.
3007	0000	-686	37.0204	80.1392 PCLY-2	1.6	1.5	7.8	0.98	0.20	4.97	1763.	67.	1.
3008	0000	-685	37.0204	80.1386 PCLY-2	1.6	1.5	7.8	0.92	0.19	4.87	1766.	64.	0.
3009	0000	-683	37.0204	80.1380 PCLY-2	1.6	1.7	7.7	1.06	0.22	4.87	1750.	64.	0.

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STAT ANALYSIS. BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3010	0000	-678	37.0203	80.1374 PCLY-2	1.5	1.8	7.6	1.20	0.24	4.99	1733.	62.	0.
3011	0000	-671	37.0203	80.1367 PCLY-2	1.5	1.7	7.7	1.11	0.22	4.98	1723.	63.	0.
3012	0000	-666	37.0203	80.1360 PCLY-2	1.6	1.6	7.7	1.05	0.21	4.94	1717.	63.	0.
3013	0000	-665	37.0203	80.1354 PCLY-2	1.6	1.7	7.7	1.08	0.22	4.86	1733.	63.	0.
3014	0000	-673	37.0203	80.1347 PCLY-2	1.7	1.7	7.8	1.00	0.22	4.62	1781.	59.	0.
3015	0000	-680	37.0203	80.1342 PCLY-2	1.6	1.7	7.8	1.01	0.21	4.71	1779.	59.	0.
3016	0000	-680	37.0202	80.1335 PCLY-2	1.6	1.6	7.6	0.98	0.21	4.66	1765.	60.	0.
3017	0000	-680	37.0202	80.1329 PCLY-2	1.6	1.4	7.5	0.87	0.19	4.58	1753.	59.	1.
3018	0000	-680	37.0202	80.1323 PCLY-2	1.7	1.5	7.4	0.91	0.20	4.46	1768.	59.	1.
3019	0000	-679	37.0202	80.1316 PCLY-2	1.6	1.4	7.4	0.88	0.19	4.54	1766.	59.	1.
3020	0000	-680	37.0202	80.1310 PCLY-2	1.6	1.3	7.5	0.80	0.17	4.62	1764.	59.	1.
3021	0000	-679	37.0202	80.1304 PCLY-2	1.6	1.2 -	7.4	0.74	0.16	4.72	1713.	62.	1.
3022	0000	-674	37.0202	80.1298 PCLY-2	1.6	1.3	7.5	0.83	0.17	4.78	1734.	62.	1.
3023	0000	-666	37.0202	80.1291 PCLY-2	1.6	1.4	7.8	0.82	0.17	4.77	1771.	60.	1.
3024	0000	-662	37.0202	80.1285 PCLY-2	1.7	1.5	8.2	0.87	0.18	4.75	1822.	62.	0.
3025	0000	-661	37.0202	80.1278 PCLY-2	1.7	1.5	8.5	0.88	0.18	4.89	1865.	61.	0.
3026	0000	-663	37.0202	80.1272 PCLY-2	1.8	1.6	8.7	0.91	0.19	4.80	1899.	62.	0.
3027	0000	-667	37.0201	80.1266 PCLY-2	1.8	1.8	8.5	1.01	0.22	4.71	1932.	62.	0.
3028	0000	-669	37.0201	80.1260 PCLY-2	1.8	2.0	8.6	1.09	0.23	4.81	1948.	65.	1.
3029	0000	-665	37.0201	80.1253 PCLY-2	1.7	1.9	8.7	1.08	0.21	5.05	1942.	65.	1.
3030	0000	-659	37.0201	80.1247 PCLY-2	1.7	1.8	8.9	1.07	0.20	5.26	1935.	62.	1.
3031	0000	-653	37.0201	80.1241 PCLY-2	1.6	1.8	8.8	1.11	0.21	5.39	1927.	61.	1.
3032	0000	-647	37.0201	80.1234 PCLY-2	1.6	1.8	8.5	1.11	0.21	5.17	1925.	61.	2.
3033	0000	-642	37.0200	80.1228 PCLY-2	1.6	1.8	8.7	1.10	0.21	5.28	1926.	58.	2.
3034	0000	-638	37.0200	80.1222 PCLY-2	1.7	1.6	9.1 +	0.98	0.18	5.50	1926.	56.	2.
3035	0000	-639	37.0200	80.1215 PCLY-2	1.7	1.6	9.0	0.95	0.18	5.39	1922.	52.	2.
3036	0000	-645	37.0200	80.1209 PCLY-2	1.7	1.7	8.5	1.02	0.20	5.14	1876.	52.	2.
3037	0000	-649	37.0200	80.1202 PCLY-2	1.6	1.6	8.2	0.97	0.19	5.07	1824.	55.	2.
3038	0000	-651	37.0200	80.1196 PCLY-2	1.5	1.6	7.7	1.01	0.20	4.98	1752.	55.	2.
3039	0000	-651	37.0200	80.1190 PCLY-2	1.5	1.4	7.8	0.98	0.19	5.29	1686.	54.	1.
3040	0000	-648	37.0200	80.1183 PCLY-2	1.4	1.4	7.8	0.96	0.17	5.57	1652.	55.	1.
3041	0000	-647	37.0200	80.1177 PCLY-2	1.4	1.4	7.7	1.04	0.19	5.61	1635.	55.	0.
3042	0000	-647	37.0200	80.1171 PCLY-2	1.3	1.4	7.8	1.07	0.18	5.90	1618.	56.	0.
3043	0000	-646	37.0200	80.1164 PCLY-2	1.3	1.2 -	7.9	0.92	0.16	5.87	1634.	56.	1.
3044	0000	-647	37.0200	80.1158 PCLY-2	1.3	1.4	8.1	1.04	0.17	6.09	1656.	56.	2.
3045	0000	-647	37.0200	80.1151 PCLY-2	1.4	1.4	7.9	1.02	0.18	5.70	1679.	60.	3.
3046	0000	-646	37.0200	80.1145 PCLY-2	1.4	1.5	8.0	1.07	0.18	5.89	1700.	59.	3.
3047	0000	-646	37.0200	80.1139 PCLY-2	1.4	1.3	8.0	0.96	0.17	5.73	1697.	61.	4.
3048	0000	-647	37.0201	80.1132 PCLY-2	1.4	1.3	7.7	0.94	0.17	5.55	1667.	63.	5.
3049	0000	-643	37.0201	80.1126 PCLY-2	1.4	1.3	7.7	0.96	0.17	5.55	1670.	62.	5.
3050	0000	-640	37.0200	80.1119 PCLY-2	1.4	1.5	7.8	1.05	0.19	5.48	1680.	62.	5.
3051	0000	-640	37.0200	80.1113 PCLY-2	1.5	1.4	7.6	0.98	0.19	5.16	1693.	65.	5.
3052	0000	-638	37.0200	80.1107 PCLY-2	1.5	1.4	8.1	0.95	0.18	5.38	1727.	62.	4.
3053	0000	-635	37.0201	80.1100 PCLY-2	1.6	1.3	8.3	0.84	0.16	5.31	1764.	60.	4.
3054	0000	-631	37.0201	80.1094 PCLY-2	1.6	1.6	8.2	1.01	0.19	5.28	1771.	58.	3.
3055	0000	-626	37.0201	80.1087 PCLY-2	1.6	1.5	8.2	0.95	0.18	5.20	1782.	55.	3.
3056	0000	-622	37.0201	80.1082 PCLY-2	1.6	1.5	7.9	0.90	0.18	4.88	1782.	54.	3.
3057	0000	-622	37.0201	80.1075 PCLY-2	1.6	1.4	8.0	0.85	0.17	4.98	1785.	51.	3.
3058	0000	-625	37.0201	80.1068 PCLY-2	1.6	1.3	8.3	0.81	0.16	5.14	1793.	49.	3.
3059	0000	-627	37.0201	80.1062 PCLY-2	1.6	1.1 -	8.6	0.71 -	0.13 -	5.31	1809.	48.	4.
3060	0000	-628	37.0201	80.1055 PCLY-2	1.7	1.1 -	8.6	0.68 -	0.13 -	5.08	1822.	52.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3061	0000	-629	37.0202	80.1049	PCLY-2	1.8	1.2 -	8.6	0.69 -	0.14 -	4.88	1885.	52.	6.
3062	0000	-631	37.0201	80.1043	PCLY-2	1.8	1.4	9.0	0.78	0.16	4.93	1966.	54.	5.
3063	0000	-631	37.0201	80.1036	PCLY-2	1.9	1.4	9.5 +	0.76	0.15 -	5.04	2035.	55.	6.
3064	0000	-628	37.0201	80.1029	PCLY-2	2.0 +	1.6	9.7 +	0.81	0.16	4.97	2103.	57.	7.
3065	0000	-627	37.0201	80.1023	PCLY-2	2.1 +	1.6	10.2 +	0.74	0.15 -	4.81	2176.	55.	6.
3066	0000	-628	37.0202	80.1017	PCLY-2	2.3 +	1.7	9.9 +	0.73	0.17	4.32	2227.	56.	6.
3067	0000	-627	37.0202	80.1010	PCLY-2	2.3 +	1.7	9.7 +	0.76	0.18	4.23	2250.	57.	6.
3068	0000	-624	37.0202	80.1004	PCLY-2	2.3 +	1.6	10.1 +	0.69 -	0.16 -	4.42	2262.	57.	5.
3069	0000	-622	37.0202	80.0998	PCLY-2	2.2 +	1.5	10.1 +	0.69 -	0.15 -	4.50	2224.	56.	5.
3070	0000	-621	37.0202	80.0992	PCLY-2	2.2 +	1.9	9.9 +	0.84	0.19	4.49	2207.	56.	4.
3071	0000	-618	37.0202	80.0985	PCLY-2	2.2 +	1.8	10.1 +	0.82	0.18	4.63	2206.	54.	3.
3072	0000	-616	37.0202	80.0979	PCLY-2	2.1 +	2.0	9.9 +	0.94	0.20	4.73	2197.	56.	2.
3073	0000	-614	37.0202	80.0972	PCLY-2	2.0 +	1.7	10.6 ++	0.84	0.16	5.27	2179.	55.	3.
3074	0000	-611	37.0202	80.0965	PCLY-2	2.0 +	1.4	11.0 ++	0.73	0.13 -	5.53	2163.	52.	3.
3075	0000	-609	37.0202	80.0960	PCLY-2	2.0 +	1.6	10.6 ++	0.78	0.15 -	5.34	2142.	53.	4.
3076	0000	-609	37.0202	80.0953	PCLY-2	2.0 +	1.4	10.5 ++	0.69 -	0.13 -	5.22	2150.	53.	5.
3077	0000	-607	37.0202	80.0946	PCLY-2	2.1 +	1.0 -	11.0 ++	0.47 -	0.09 --	5.31	2154.	53.	5.
3078	0000	-604	37.0202	80.0940	PCV-2	2.1	1.0	10.5 +	0.50	0.10 -	5.07 +	2140.	55.	6.
3079	0000	-602	37.0203	80.0933	PCV-2	2.1	1.1	10.4 +	0.50	0.10 -	4.92 +	2144.	54.	6.
3080	0000	-601	37.0203	80.0927	PCV-2	2.1	1.2	9.9	0.55	0.12	4.67	2143.	56.	5.
3081	0000	-599	37.0203	80.0921	PCV-2	2.2	1.4	9.6	0.64	0.14	4.47	2142.	58.	4.
3082	0000	-598	37.0203	80.0915	PCV-2	2.2	1.3	9.8	0.59	0.13	4.48	2146.	55.	3.
3083	0000	-596	37.0203	80.0908	PCV-2	2.2	1.4	9.7	0.62	0.14	4.46	2144.	55.	2.
3084	0000	-593	37.0203	80.0902	PCV-2	2.2	1.3	9.4	0.61	0.14	4.35	2122.	55.	2.
3085	0000	-593	37.0203	80.0896	PCV-2	2.2	1.2	9.2	0.56	0.13	4.26	2093.	53.	1.
3086	0000	-595	37.0203	80.0889	PCV-2	2.1	1.1	9.2	0.54	0.12	4.45	2027.	53.	1.
3087	0000	-594	37.0203	80.0882	PCV-2	2.0	1.3	9.1	0.65	0.14	4.67	2014.	49.	1.
3088	0000	-593	37.0204	80.0876	PCV-2	1.9	1.3	9.3	0.69	0.14	4.90 +	2003.	47.	1.
3089	0000	-595	37.0204	80.0870	PCV-2	1.9	1.3	9.5	0.69	0.14	5.07 +	2003.	46.	2.
3090	0000	-595	37.0204	80.0863	PCV-2	1.8	1.2	9.5	0.67	0.13	5.13 +	2002.	46.	2.
3091	0000	-595	37.0203	80.0857	PCV-2	1.8	1.4	9.4	0.77	0.15	5.20 +	1999.	45.	3.
3092	0000	-595	37.0204	80.0850	PCV-2	1.7 -	1.6	9.3	0.94	0.18	5.35 +	1995.	44.	4.
3093	0000	-595	37.0204	80.0844	PCV-2	1.7 -	1.6	9.2	0.92	0.17	5.35 +	1983.	44.	5.
3094	0000	-595	37.0204	80.0838	PCV-2	1.6 -	1.5	8.8	0.94	0.17	5.35 +	1922.	47.	6.
3095	0000	-596	37.0204	80.0831	PCV-2	1.6 -	1.5	8.6	0.95	0.18	5.41 +	1882.	48.	6.
3096	0000	-597	37.0204	80.0825	PCV-2	1.5 -	1.7	8.1	1.10 +	0.21	5.31 +	1832.	49.	6.
3097	0000	-596	37.0204	80.0819	PCV-2	1.4 -	1.9	7.9	1.32 +	0.24	5.54 +	1790.	47.	5.
3098	0000	-594	37.0204	80.0813	PCV-2	1.3 --	1.7	7.9	1.27 +	0.21	5.92 +	1747.	48.	5.
3099	0000	-593	37.0204	80.0806	PCV-2	1.3 --	1.5	7.9	1.15 +	0.19	5.94 +	1710.	48.	4.
3100	0000	-592	37.0204	80.0799	PCV-2	1.3 --	1.6	8.0	1.20 +	0.20	6.00 +	1692.	47.	3.
3101	0000	-588	37.0205	80.0793	PCV-2	1.3 --	1.6	8.1	1.25 +	0.20	6.16 ++	1669.	46.	2.
3102	0000	-583	37.0205	80.0786	PCV-2	1.2 --	1.9	7.8	1.51 ++	0.24	6.27 ++	1645.	48.	1.
3103	0000	-581	37.0205	80.0780	PCV-2	1.2 --	1.8	7.8	1.50 ++	0.23	6.44 ++	1622.	47.	1.
3104	0000	-580	37.0204	80.0774	PCV-2	1.2 --	1.7	7.8	1.46 +	0.22	6.48 ++	1600.	48.	0.
3105	0000	-577	37.0205	80.0767	PCV-2	1.2 --	2.0	7.4	1.61 ++	0.26	6.14 +	1593.	47.	0.
3106	0000	-567	37.0205	80.0760	PCV-2	1.1 --	1.9	7.4	1.70 ++	0.26	6.52 ++	1577.	46.	0.
3107	0000	-556	37.0205	80.0754	PCLY-2	1.1	2.0 +	7.4	1.89 +	0.27 +	6.89	1554.	46.	0.
3108	0000	-552	37.0205	80.0748	PCLY-2	1.0	2.2 +	7.5	2.16 +	0.30 +	7.26	1549.	46.	0.
3109	0000	-555	37.0205	80.0742	PCLY-2	1.0	2.2 +	8.0	2.16 +	0.28 +	7.84	1551.	45.	0.
3110	0000	-556	37.0205	80.0735	PCLY-2	1.0 -	2.1 +	8.5	2.10 +	0.25	8.49	1551.	45.	0.
3111	0000	-558	37.0205	80.0729	PCLY-2	1.0 -	2.2 +	8.5	2.21 +	0.26 +	8.44	1567.	45.	0.

CP 9 IP 12

FLIGHT LINE 180, 3214 ...A01
FLIGHT LINE 180, 3265 ...B01
FLIGHT LINE 180, 3316 ...C01
FLIGHT LINE 180, 3367 ...D01
FLIGHT LINE 180, 3418 ...E01
FLIGHT LINE 180, 3469 ...F01
FLIGHT LINE 200, 1 ...G01
FLIGHT LINE 200, 52 ...H01
FLIGHT LINE 200, 103 ...I01
FLIGHT LINE 200, 154 ...J01
FLIGHT LINE 200, 205 ...K01
FLIGHT LINE 200, 256 ...L01
FLIGHT LINE 200, 307 ...M01
FLIGHT LINE 200, 358 ...A02
FLIGHT LINE 200, 409 ...B02
FLIGHT LINE 200, 460 ...C02
FLIGHT LINE 200, 511 ...D02
FLIGHT LINE 200, 562 ...E02
FLIGHT LINE 200, 613 ...F02
FLIGHT LINE 200, 664 ...G02
FLIGHT LINE 200, 715 ...H02
FLIGHT LINE 200, 766 ...I02
FLIGHT LINE 200, 817 ...J02
FLIGHT LINE 200, 868 ...K02
FLIGHT LINE 200, 919 ...L02
FLIGHT LINE 200, 970 ...M02
FLIGHT LINE 200, 1021 ...A03
FLIGHT LINE 200, 1072 ...B03
FLIGHT LINE 200, 1123 ...C03
FLIGHT LINE 200, 1174 ...D03
FLIGHT LINE 200, 1225 ...E03
FLIGHT LINE 200, 1276 ...F03
FLIGHT LINE 200, 1327 ...G03
FLIGHT LINE 200, 1378 ...H03
FLIGHT LINE 200, 1429 ...I03
FLIGHT LINE 200, 1480 ...J03
FLIGHT LINE 200, 1531 ...K03
FLIGHT LINE 200, 1582 ...L03
FLIGHT LINE 200, 1633 ...M03
FLIGHT LINE 200, 1684 ...A04
FLIGHT LINE 200, 1735 ...B04
FLIGHT LINE 200, 1786 ...C04
FLIGHT LINE 200, 1837 ...D04
FLIGHT LINE 200, 1888 ...E04
FLIGHT LINE 200, 1939 ...F04
FLIGHT LINE 200, 1990 ...G04
FLIGHT LINE 200, 2041 ...H04
FLIGHT LINE 200, 2092 ...I04
FLIGHT LINE 200, 2143 ...J04
FLIGHT LINE 200, 2194 ...K04
FLIGHT LINE 200, 2245 ...L04
FLIGHT LINE 200, 2296 ...M04
FLIGHT LINE 200, 2347 ...A05
FLIGHT LINE 200, 2398 ...B05
FLIGHT LINE 200, 2449 ...C05
FLIGHT LINE 200, 2500 ...D05
FLIGHT LINE 200, 2551 ...E05
FLIGHT LINE 200, 2602 ...F05
FLIGHT LINE 200, 2653 ...G05
FLIGHT LINE 200, 2704 ...H05
FLIGHT LINE 200, 2755 ...I05
FLIGHT LINE 200, 2806 ...J05
FLIGHT LINE 200, 2857 ...K05
FLIGHT LINE 200, 2908 ...L05
FLIGHT LINE 200, 2959 ...M05
FLIGHT LINE 200, 3010 ...A06
FLIGHT LINE 200, 3061 ...B06
FLIGHT LINE 200, 3112 ...C06
FLIGHT LINE 200, 3163 ...D06
FLIGHT LINE 200, 3214 ...E06
FLIGHT LINE 200, 3265 ...F06
FLIGHT LINE 200, 3316 ...G06
FLIGHT LINE 200, 3367 ...H06
FLIGHT LINE 200, 3418 ...I06
FLIGHT LINE 200, 3469 ...J06
FLIGHT LINE 200, 3520 ...K06
FLIGHT LINE 200, 3571 ...L06
FLIGHT LINE 220, 1 ...M06
FLIGHT LINE 220, 52 ...A07
FLIGHT LINE 220, 103 ...B07
FLIGHT LINE 220, 154 ...C07
FLIGHT LINE 220, 205 ...D07
FLIGHT LINE 220, 256 ...E07
FLIGHT LINE 220, 307 ...F07
FLIGHT LINE 220, 358 ...G07
FLIGHT LINE 220, 409 ...H07
FLIGHT LINE 220, 460 ...I07
FLIGHT LINE 220, 511 ...J07
FLIGHT LINE 220, 562 ...K07
FLIGHT LINE 220, 613 ...L07
FLIGHT LINE 220, 664 ...M07
FLIGHT LINE 220, 715 ...A08
FLIGHT LINE 220, 766 ...B08
FLIGHT LINE 220, 817 ...C08
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FLIGHT LINE 220, 2143 ...C10
FLIGHT LINE 220, 2194 ...D10
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FLIGHT LINE 220, 2296 ...F10
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FLIGHT LINE 220, 2449 ...I10
FLIGHT LINE 220, 2500 ...J10
FLIGHT LINE 220, 2551 ...K10
FLIGHT LINE 220, 2602 ...L10
FLIGHT LINE 220, 2653 ...M10
FLIGHT LINE 220, 2704 ...A11
FLIGHT LINE 220, 2755 ...B11
FLIGHT LINE 220, 2806 ...C11
FLIGHT LINE 220, 2857 ...D11
FLIGHT LINE 220, 2908 ...E11
FLIGHT LINE 220, 2959 ...F11
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FLIGHT LINE 220, 3163 ...J11
FLIGHT LINE 220, 3214 ...K11
FLIGHT LINE 220, 3265 ...L11
FLIGHT LINE 220, 3316 ...M11
FLIGHT LINE 220, 3367 ...A12
FLIGHT LINE 220, 3418 ...B12
FLIGHT LINE 220, 3469 ...C12
FLIGHT LINE 240, 1 ...D12
FLIGHT LINE 240, 52 ...E12
FLIGHT LINE 240, 103 ...F12
FLIGHT LINE 240, 154 ...G12
FLIGHT LINE 240, 205 ...H12
FLIGHT LINE 240, 256 ...I12
FLIGHT LINE 240, 307 ...J12
FLIGHT LINE 240, 358 ...K12
FLIGHT LINE 240, 409 ...L12
FLIGHT LINE 240, 460 ...M12
FLIGHT LINE 240, 511 ...A13
FLIGHT LINE 240, 562 ...B13
FLIGHT LINE 240, 613 ...C13
FLIGHT LINE 240, 664 ...D13
FLIGHT LINE 240, 715 ...E13
FLIGHT LINE 240, 766 ...F13
FLIGHT LINE 240, 817 ...G13
FLIGHT LINE 240, 868 ...H13
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FLIGHT LINE 240, 970 ...J13
FLIGHT LINE 240, 1021 ...K13
FLIGHT LINE 240, 1072 ...L13
FLIGHT LINE 240, 1123 ...M13
FLIGHT LINE 240, 1174 ...A14
FLIGHT LINE 240, 1225 ...B14
FLIGHT LINE 240, 1276 ...C14
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FLIGHT LINE 240, 1378 ...E14
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FLIGHT LINE 240, 1633 ...J14
FLIGHT LINE 240, 1684 ...K14
FLIGHT LINE 240, 1735 ...L14
FLIGHT LINE 240, 1786 ...M14
FLIGHT LINE 240, 1837 ...A15
FLIGHT LINE 240, 1888 ...B15
FLIGHT LINE 240, 1939 ...C15
FLIGHT LINE 240, 1990 ...D15
FLIGHT LINE 240, 2041 ...E15
FLIGHT LINE 240, 2092 ...F15
FLIGHT LINE 240, 2143 ...G15
FLIGHT LINE 240, 2194 ...H15
FLIGHT LINE 240, 2245 ...I15
FLIGHT LINE 240, 2296 ...J15
FLIGHT LINE 240, 2347 ...K15
FLIGHT LINE 240, 2398 ...L15
FLIGHT LINE 240, 2449 ...M15
FLIGHT LINE 240, 2500 ...A16
FLIGHT LINE 240, 2551 ...B16
FLIGHT LINE 240, 2602 ...C16
FLIGHT LINE 240, 2653 ...D16
FLIGHT LINE 240, 2704 ...E16
FLIGHT LINE 240, 2755 ...F16
FLIGHT LINE 240, 2806 ...G16
FLIGHT LINE 240, 2857 ...H16
FLIGHT LINE 240, 2908 ...I16
FLIGHT LINE 240, 2959 ...J16
FLIGHT LINE 240, 3010 ...K16
FLIGHT LINE 240, 3061 ...L16

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3112	0000	-561	37.0205	80.0723	PCLY-2	1.0 -	2.2 +	8.5	2.26 +	0.26 +	8.64 +	1591.	44.	0.
3113	0000	-564	37.0205	80.0716	PCLY-2	1.0 -	2.3 +	8.9	2.29 +	0.26 +	8.90 +	1613.	46.	1.
3114	0000	-566	37.0206	80.0710	PCLY-2	1.0	2.2 +	9.0	2.18 +	0.25	8.87 +	1641.	47.	1.
3115	0000	-568	37.0206	80.0703	PCLY-2	1.1	1.9	9.3 +	1.73	0.20	8.45	1674.	45.	2.
3116	0000	-569	37.0206	80.0697	PCLY-2	1.2	1.6	8.8	1.36	0.19	7.34	1697.	46.	3.
3117	0000	-570	37.0206	80.0691	PCLY-2	1.3	1.6	8.2	1.27	0.20	6.40	1701.	47.	4.
3118	0000	-567	37.0206	80.0684	PCLY-2	1.3	1.4	8.1	1.08	0.18	6.13	1691.	47.	5.
3119	0000	-563	37.0206	80.0678	PCLY-2	1.4	1.4	8.2	0.98	0.17	5.84	1695.	46.	5.
3120	0000	-560	37.0206	80.0671	PCLY-2	1.5	1.4	8.1	0.98	0.18	5.56	1725.	44.	4.
3121	0000	-555	37.0206	80.0664	PCLY-2	1.6	1.6	7.7	1.00	0.20	4.94	1780.	44.	5.
3122	0000	-552	37.0206	80.0659	PCLY-2	1.6	1.7	7.7	1.04	0.22	4.73	1842.	44.	5.
3123	0000	-558	37.0206	80.0652	PCLY-2	1.7	1.7	8.3	1.01	0.20	4.99	1879.	44.	5.
3124	0000	-566	37.0206	80.0646	PCLY-2	1.7	1.7	8.9	1.05	0.19	5.42	1935.	44.	5.
3125	0000	-569	37.0206	80.0640	PCLY-2	1.7	1.8	9.8 +	1.07	0.18	5.82	1981.	45.	4.
3126	0000	-569	37.0205	80.0633	PCLY-2	1.6	1.9	10.1 +	1.16	0.19	6.15	1998.	47.	5.
3127	0000	-568	37.0207	80.0627	PCLY-2	1.6	1.8	10.0 +	1.10	0.18	6.21	1996.	47.	6.
3128	0000	-567	37.0207	80.0620	PCLY-2	1.6	1.8	10.4 ++	1.15	0.17	6.68	1983.	48.	5.
3129	0000	-564	37.0207	80.0614	PCLY-2	1.5	1.8	10.3 ++	1.25	0.18	7.01	1932.	48.	4.
3130	0000	-561	37.0207	80.0608	PCLY-2	1.4	2.0	10.0 +	1.42	0.20	7.26	1897.	47.	3.
3131	0000	-558	37.0207	80.0601	PCLY-2	1.3	2.1	9.7 +	1.55	0.22	7.17	1855.	47.	2.
3132	0000	-548	37.0207	80.0595	PCLY-2	1.2	2.2 +	9.3 +	1.83	0.24	7.63	1833.	46.	2.
3133	0000	-540	37.0207	80.0588	PCLY-2	1.2	2.2 +	9.4 +	1.79	0.23	7.66	1827.	45.	1.
3134	0000	-545	37.0207	80.0581	PCLY-2	1.2	2.3 +	9.3 +	1.86 +	0.25	7.53	1830.	44.	0.
3135	0000	-551	37.0207	80.0575	PCLY-2	1.2	2.3 +	9.0	1.84	0.25	7.31	1798.	42.	0.
3136	0000	-553	37.0207	80.0569	PCLY-2	1.2	2.4 ++	8.9	2.01 +	0.27 +	7.38	1806.	42.	0.
3137	0000	-559	37.0207	80.0562	PCLY-2	1.3	2.3 +	8.8	1.78	0.26 +	6.82	1813.	41.	0.
3138	0000	-563	37.0207	80.0556	PCLY-2	1.4	2.3 +	8.5	1.67	0.27 +	6.22	1811.	42.	1.
3139	0000	-563	37.0207	80.0550	PCLY-2	1.5	2.1 +	8.0	1.41	0.27 +	5.27	1800.	44.	1.
3140	0000	-564	37.0208	80.0544	PCLY-2	1.6	2.1 +	7.7	1.31	0.27 +	4.81	1799.	45.	1.
3141	0000	-563	37.0208	80.0537	PCLY-2	1.6	1.8	7.7	1.12	0.24	4.69	1775.	48.	2.
3142	0000	-560	37.0208	80.0531	PCLY-2	1.6	1.9	7.6	1.18	0.24	4.83	1745.	50.	2.
3143	0000	-560	37.0208	80.0524	PCLY-2	1.5	1.7	7.4	1.08	0.23	4.79	1676.	50.	2.
3144	0000	-560	37.0208	80.0518	PCLY-2	1.4	1.6	7.0 -	1.14	0.23	5.01	1609.	49.	3.
3145	0000	-559	37.0208	80.0512	PCLY-2	1.2	1.5	7.2	1.21	0.20	5.95	1544.	46.	5.
3146	0000	-559	37.0208	80.0505	PCLY-2	1.0	1.3	7.7	1.25	0.17	7.36	1492.	44.	6.
3147	0000	-560	37.0208	80.0499	PCLY-2	0.9 -	1.2 -	7.9	1.30	0.15 -	8.75 +	1428.	44.	8.
3148	0000	-559	37.0208	80.0492	PCLY-2	0.8 -	1.2 -	8.0	1.50	0.15 -	10.21 +	1387.	43.	9.
3149	0000	-559	37.0209	80.0486	PCLY-2	0.8 -	1.1 -	8.1	1.52	0.14 -	10.81 +	1383.	42.	10.
3150	0000	-556	37.0208	80.0479	PCLY-2	0.8 -	1.2 -	8.2	1.53	0.14 -	10.74 +	1416.	41.	10.
3151	0000	-554	37.0208	80.0473	PCLY-2	0.8 -	1.2 -	8.6	1.58	0.14 -	11.22 +	1437.	43.	9.
3152	0000	-556	37.0208	80.0466	PCLY-2	0.8 -	1.5	8.4	1.81	0.17	10.50 +	1454.	45.	8.
3153	0000	-558	37.0209	80.0461	PCLY-2	0.8 -	1.4	8.0	1.72	0.18	9.47 +	1454.	48.	8.
3154	0000	-557	37.0209	80.0454	PCLY-2	0.8 -	1.7	7.7	2.11 +	0.22	9.42 +	1449.	46.	7.
3155	0000	-554	37.0209	80.0448	PCLY-2	0.9 -	1.9	7.5	2.22 +	0.25	8.83 +	1461.	47.	6.
3156	0000	-551	37.0209	80.0441	PCLY-2	0.9 -	1.9	7.4	2.21 +	0.26 +	8.51	1457.	49.	5.
3157	0000	-551	37.0209	80.0435	PCLY-2	0.9 -	1.9	7.4	2.25 +	0.26 +	8.55	1437.	50.	5.
3158	0000	-551	37.0209	80.0428	PCLY-2	0.9 -	2.1 +	6.9 -	2.45 +	0.31 ++	8.02	1427.	50.	5.
3159	0000	-550	37.0209	80.0422	PCLY-2	0.9 -	2.0	7.1	2.27 +	0.28 +	8.12	1437.	49.	5.
3160	0000	-548	37.0209	80.0415	PCLY-2	0.9 -	2.2 +	7.7	2.44 +	0.28 +	8.66 +	1457.	47.	5.
3161	0000	-548	37.0209	80.0409	PCLY-2	0.9 -	2.1 +	7.8	2.42 +	0.27 +	8.99 +	1453.	46.	5.
3162	0000	-551	37.0210	80.0402	PCLY-2	0.8 -	1.8	7.9	2.16 +	0.23	9.53 +	1412.	47.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3163	0000	-554	37.0209	80.0396 PCLY-2	0.8 -	1.8	7.6	2.20 +	0.24	9.36 +	1378.	45.	5.
3164	0000	-554	37.0209	80.0390 PCLY-2	0.8 -	1.7	7.2	2.17 +	0.23	9.25 +	1333.	46.	4.
3165	0000	-553	37.0209	80.0383 PCLY-2	0.7 -	1.7	7.1	2.46 +	0.25	9.95 +	1290.	48.	3.
3166	0000	-550	37.0209	80.0377 PCLY-2	0.7	1.7	6.6 -	2.50 +	0.26 +	9.64 +	1250.	50.	3.
3167	0000	-547	37.0210	80.0371 PCLY-1	0.6 --	1.8 +	5.8 +	2.80 ++	0.31	9.05 +++	1205.	51.	2.
3168	0000	-544	37.0210	80.0364 PCLY-1	0.6 --	1.7 +	5.4 +	2.63 ++	0.31	8.36 +++	1184.	51.	2.
3169	0000	-540	37.0210	80.0358 PCLY-1	0.6 --	2.1 ++	5.1 +	3.33 +++	0.40 +	8.26 +++	1179.	50.	1.
3170	0000	-537	37.0210	80.0351 PCLY-1	0.7 --	1.9 ++	5.3 +	2.98 ++	0.37 +	8.12 +++	1177.	48.	2.
3171	0000	-534	37.0210	80.0345 PCLY-1	0.7 --	1.9 ++	5.2 +	2.88 ++	0.36	7.96 +++	1176.	47.	2.
3172	0000	-531	37.0210	80.0339 PCLY-1	0.7 --	1.7 +	5.3 +	2.37 ++	0.32	7.44 ++	1196.	44.	3.
3173	0000	-528	37.0210	80.0332 PCLY-1	0.7 --	1.6 +	5.4 +	2.20 ++	0.29	7.52 +++	1204.	43.	3.
3174	0000	-528	37.0210	80.0326 PCLY-1	0.7 --	1.4 +	5.7 +	1.95 ++	0.26	7.63 +++	1222.	44.	4.
3175	0000	-530	37.0210	80.0319 PCLY-2	0.8 -	1.5	6.1 --	1.86 +	0.24	7.69	1250.	44.	4.
3176	0000	-531	37.0210	80.0313 PCLY-2	0.8 -	1.4	6.2 -	1.72	0.23	7.41	1270.	44.	3.
3177	0000	-531	37.0210	80.0307 PCLY-2	0.8 -	1.6	6.7 -	1.89 +	0.24	8.05	1309.	44.	3.
3178	0000	-525	37.0210	80.0300 PCLY-2	0.9 -	1.7	7.1	1.90 +	0.24	7.78	1383.	44.	3.
3179	0000	-517	37.0210	80.0294 PCLY-2	1.0 -	1.9	7.0 -	1.99 +	0.28 +	7.18	1439.	44.	2.
3180	0000	-514	37.0211	80.0287 PCLY-2	1.1	2.2 +	7.2	2.08 +	0.31 ++	6.77	1505.	42.	2.
3181	0000	-515	37.0211	80.0282 PCLY-2	1.2	2.1 +	7.3	1.76	0.28 +	6.23	1558.	40.	2.
3182	0000	-516	37.0211	80.0275 PCLY-2	1.3	2.0 +	7.4	1.62	0.28 +	5.89	1616.	41.	2.
3183	0000	-516	37.0211	80.0268 PCLY-2	1.3	1.9	7.8	1.50	0.25	6.00	1678.	41.	3.
3184	0000	-507	37.0211	80.0262 PCLY-2	1.3	2.0	7.9	1.50	0.25	5.96	1733.	41.	4.
3185	0000	-498	37.0211	80.0255 PCLY-2	1.3	1.8	8.6	1.41	0.21	6.56	1751.	39.	4.
3186	0000	-495	37.0211	80.0249 PCLY-2	1.2	1.8	8.9	1.44	0.20	7.30	1749.	41.	5.
3187	0000	-496	37.0211	80.0243 PCLY-2	1.1	1.5	9.1 +	1.38	0.17	8.10	1730.	44.	6.
3188	0000	-501	37.0212	80.0236 PCLY-2	1.0	1.7	9.5 +	1.65	0.18	9.34 +	1724.	45.	5.
3189	0000	-509	37.0212	80.0230 PCLY-2	0.9 -	1.6	9.6 +	1.72	0.17	10.28 +	1705.	44.	6.
3190	0000	-514	37.0211	80.0223 PCLY-2	1.0 -	1.6	9.8 +	1.69	0.17	10.20 +	1705.	44.	6.
3191	0000	-513	37.0211	80.0217 PCLY-2	1.0	1.7	9.4 +	1.63	0.18	9.05 +	1702.	45.	7.
3192	0000	-509	37.0211	80.0210 PCLY-2	1.1	1.8	9.2 +	1.65	0.19	8.49	1696.	45.	7.
3193	0000	-501	37.0212	80.0204 PCLY-2	1.2	1.6	9.1 +	1.39	0.18	7.78	1710.	44.	7.
3194	0000	-492	37.0212	80.0197 PCLY-2	1.3	1.7	9.3 +	1.35	0.18	7.37	1727.	43.	7.
3195	0000	-479	37.0212	80.0192 PCLY-2	1.3	1.7	8.9	1.34	0.20	6.87	1723.	43.	7.
3196	0000	-459	37.0212	80.0185 PCLY-2	1.3	1.9	8.8	1.41	0.21	6.66	1708.	45.	7.
3197	0000	-450	37.0212	80.0179 PCLY-2	1.3	1.8	8.3	1.41	0.22	6.40	1681.	45.	6.
3198	0000	-463	37.0212	80.0172 PCLY-2	1.3	1.6	8.2	1.28	0.20	6.39	1655.	45.	5.
3199	0000	-484	37.0212	80.0166 PCLY-2	1.3	1.8	7.8	1.32	0.22	5.87	1654.	47.	3.
3200	0000	-497	37.0212	80.0160 PCLY-2	1.4	1.9	7.3	1.41	0.26 +	5.36	1636.	48.	2.
3201	0000	-505	37.0212	80.0153 PCLY-2	1.4	1.9	7.0 -	1.31	0.27 +	4.90	1636.	47.	2.
3202	0000	-506	37.0213	80.0146 PCLY-2	1.4	1.9	6.9 -	1.35	0.28 +	4.85	1635.	48.	1.
3203	0000	-506	37.0212	80.0140 PCLY-2	1.4	2.1 +	6.7 -	1.50	0.31 ++	4.87	1637.	46.	1.
3204	0000	-504	37.0212	80.0134 PCLY-2	1.3	2.2 +	7.0 -	1.69	0.31 ++	5.40	1625.	46.	1.
3205	0000	-503	37.0212	80.0127 PCLY-2	1.2	2.2 +	7.5	1.90 +	0.30 +	6.42	1596.	45.	1.
3206	0000	-502	37.0213	80.0121 PCLY-2	1.1	2.2 +	7.9	2.05 +	0.27 +	7.52	1558.	46.	1.
3207	0000	-499	37.0213	80.0114 PCLY-2	0.9 -	2.0 +	8.4	2.19 +	0.24	9.18 +	1522.	45.	1.
3208	0000	-499	37.0213	80.0108 PCLY-2	0.7 -	2.2 +	8.5	2.96 ++	0.26 +	11.41 +	1484.	45.	1.
3209	0000	-498	37.0213	80.0102 PCLY-2	0.7 -	2.0 +	8.6	3.03 ++	0.24	12.74 ++	1433.	46.	1.
3210	0000	-490	37.0213	80.0096 PCLY-2	0.6 -	1.9	8.9	3.14 ++	0.22	14.35 ++	1395.	46.	1.
3211	0000	-483	37.0213	80.0089 PCLY-2	0.6 -	2.0	9.0	3.29 ++	0.22	15.00 ++	1371.	45.	1.
3212	0000	-481	37.0213	80.0082 PCLY-2	0.6 -	1.9	8.5	3.29 ++	0.23	14.44 ++	1352.	48.	1.
3213	0000	-483	37.0213	80.0077 PCLY-2	0.6 -	1.9	8.4	3.42 ++	0.23	14.94 ++	1336.	47.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 240, DAY 293

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
3214	0000	-486	37.0213	80.0070	PCLY-2	0.5 --	1.9	8.2	3.62 ++	0.24	15.20 ++	1303.	46.	1.
3215	0000	-490	37.0213	80.0063	PCLY-2	0.5 --	1.8	8.3	3.29 ++	0.21	15.62 ++	1258.	47.	1.
3216	0000	-493	37.0213	80.0057	PCLY-2	0.5 --	1.6	8.3	3.21 ++	0.20	16.30 ++	1234.	47.	1.
3217	0000	-497	37.0213	80.0050	PCLY-2	0.5 --	1.5	8.4	2.77 +	0.17	15.96 ++	1233.	46.	2.
3218	0000	-499	37.0213	80.0044	PCLY-2	0.5 --	1.4	8.2	2.73 +	0.17	15.64 ++	1236.	46.	2.
3219	0000	-502	37.0214	80.0038	PCLY-2	0.5 --	1.4	8.2	2.87 +	0.18	16.35 ++	1236.	43.	3.
3220	0000	-503	37.0214	80.0031	PCLY-2	0.5 --	1.3	8.3	2.68 +	0.15 -	17.64 ++	1237.	44.	4.
3221	0000	-504	37.0214	80.0025	PCLY-2	0.5 --	1.3	8.3	2.68 +	0.15 -	17.64 ++	1237.	44.	4.
3222	0000	-504	37.0214	80.0018	PCLY-2	0.5 --	1.3	8.3	2.68 +	0.15 -	17.64 ++	1237.	44.	4.
3223	0000	-504	37.0214	80.0013	PCLY-2	0.5 --	1.3	8.3	2.68 +	0.15 -	17.64 ++	1237.	44.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-491	37.0006	81.8147	OKU	0.7	1.5	4.6	2.02	0.33	6.16	1127.	52.	2.
2	0000	-492	37.0011	81.8148	OKU	0.7	1.5	4.6	2.02	0.33	6.16	1127.	52.	2.
3	0000	-491	37.0016	81.8148	OKU	0.7	1.5	4.6	2.02	0.33	6.16	1127.	52.	2.
4	0000	-490	37.0021	81.8148	OKU	0.7	1.5	4.6	2.02	0.33	6.16	1127.	52.	2.
5	0000	-490	37.0025	81.8148	OMUU	0.7	1.5	5.2	2.01	0.29	7.00	1166.	51.	3.
6	0000	-489	37.0031	81.8148	OMUU	0.8	1.5	6.0	1.90	0.25	7.62	1232.	49.	4.
7	0000	-488	37.0036	81.8149	OMUU	0.9	1.4	6.4	1.68	0.22	7.50	1310.	49.	6.
8	0000	-487	37.0041	81.8149	OMUU	0.9	1.3	7.1	1.41	0.18 -	7.65	1372.	49.	7.
9	0000	-486	37.0045	81.8149	OMUU	1.0	1.3	7.4	1.25 -	0.17 -	7.37	1424.	49.	9.
10	0000	-487	37.0051	81.8149	OMUU	1.0	1.2	7.3	1.24 -	0.17 -	7.29	1425.	49.	10.
11	0000	-488	37.0056	81.8149	OMUU	1.0	1.0 -	7.2	0.98 -	0.14 -	7.16	1416.	53.	10.
12	0000	-487	37.0060	81.8149	OMUU	1.0	0.9 -	7.3	0.95 -	0.13 --	7.32	1413.	53.	11.
13	0000	-487	37.0065	81.8149	OMUU	1.0	0.8 -	7.1	0.87 -	0.12 --	7.34	1384.	53.	11.
14	0000	-487	37.0071	81.8149	OMUU	0.9	1.0	7.0	1.13 -	0.15 -	7.68	1362.	52.	10.
15	0000	-486	37.0076	81.8150	OMUU	0.8	1.4	6.9	1.68	0.20	8.22	1331.	54.	8.
16	0000	-487	37.0080	81.8150	OMUU	0.7	1.5	6.7	1.96	0.22	9.00	1287.	53.	7.
17	0000	-488	37.0086	81.8150	OMUU	0.7	1.2	6.4	1.69	0.19	8.75	1249.	54.	6.
18	0000	-487	37.0091	81.8150	OMUU	0.7	1.4	6.5	2.20	0.22	9.86	1218.	52.	5.
19	0000	-487	37.0096	81.8150	OMUU	0.6	1.7	6.0	2.65	0.28	9.49	1197.	55.	4.
20	0000	-487	37.0101	81.8150	OMUU	0.6	1.7	6.5	2.58	0.26	10.09	1214.	53.	3.
21	0000	-486	37.0106	81.8150	OMUU	0.7	1.6	6.5	2.30	0.25	9.08	1225.	53.	2.
22	0000	-485	37.0111	81.8150	OMUU	0.8	1.4	6.4	1.86	0.23	8.19	1254.	50.	3.
23	0000	-485	37.0116	81.8151	OMUU	0.9	1.6	6.2	1.80	0.25	7.18	1279.	52.	2.
24	0000	-486	37.0121	81.8151	OMUU	0.9	1.9	6.3	2.05	0.29	6.97	1325.	51.	2.
25	0000	-486	37.0126	81.8151	OMUU	1.0	1.9	6.0	1.95	0.32	6.00	1359.	52.	2.
26	0000	-484	37.0130	81.8151	OMUU	1.0	1.8	6.3	1.70	0.28	6.06	1393.	49.	3.
27	0000	-485	37.0135	81.8151	OMUU	1.1	1.9	5.9	1.80	0.33	5.52 -	1406.	52.	3.
28	0000	-486	37.0141	81.8151	OMUU	1.1	2.0 +	6.1	1.84	0.33	5.63 -	1417.	54.	3.
29	0000	-486	37.0146	81.8151	OMUU	1.1	1.9	6.0	1.68	0.31	5.37 -	1438.	57.	4.
30	0000	-486	37.0150	81.8151	OMUU	1.2 +	2.0 +	6.4	1.69	0.31	5.38 -	1506.	55.	3.
31	0000	-486	37.0156	81.8151	OMUU	1.3 +	1.9	6.9	1.50	0.27	5.46 -	1551.	57.	3.
32	0000	-484	37.0161	81.8151	OMUU	1.2 +	1.9	7.2	1.49	0.26	5.78	1576.	56.	2.
33	0000	-484	37.0165	81.8152	OMUU	1.2 +	2.0	6.9	1.64	0.28	5.80	1567.	58.	2.
34	0000	-484	37.0171	81.8152	OMUU	1.2 +	1.8	7.1	1.51	0.25	5.92	1556.	56.	1.
35	0000	-484	37.0176	81.8152	OMUU	1.2 +	1.7	7.0	1.43	0.24	5.86	1570.	57.	1.
36	0000	-484	37.0181	81.8152	OMUU	1.2 +	1.8	7.2	1.50	0.25	5.91	1582.	56.	0.
37	0000	-486	37.0186	81.8152	OMUU	1.2 +	1.8	7.2	1.54	0.25	6.20	1565.	58.	0.
38	0000	-485	37.0191	81.8152	OMUU	1.2 +	1.7	7.1	1.43	0.24	6.08	1585.	55.	0.
39	0000	-484	37.0196	81.8152	OMUU	1.3 +	1.5	7.5 +	1.18 -	0.20	5.78	1640.	55.	1.
40	0000	-484	37.0201	81.8152	OMUU	1.3 +	1.4	8.0 +	1.07 -	0.18 -	5.96	1694.	56.	2.
41	0000	-485	37.0206	81.8152	OMUU	1.4 +	1.4	7.9 +	1.00 -	0.17 -	5.77	1728.	55.	3.
42	0000	-485	37.0211	81.8152	OMUU	1.4 +	1.3	7.9 +	0.96 -	0.17 -	5.71 -	1717.	54.	5.
43	0000	-483	37.0216	81.8152	OMUU	1.4 +	1.4	7.9 +	1.02 -	0.18 -	5.72 -	1719.	56.	6.
44	0000	-485	37.0220	81.8153	OMUU	1.4 +	1.2	8.3 +	0.83 -	0.14 -	5.76	1751.	54.	7.
45	0000	-486	37.0226	81.8153	OMUU	1.5 +	1.2	8.5 +	0.79 -	0.14 -	5.65 -	1778.	57.	9.
46	0000	-486	37.0231	81.8153	OMUU	1.5 +	1.4	8.4 +	0.92 -	0.16 -	5.70 -	1789.	57.	9.
47	0000	-485	37.0235	81.8153	OMUU	1.5 +	1.5	8.2 +	0.97 -	0.18 -	5.39 -	1798.	55.	9.
48	0000	-486	37.0241	81.8154	OMUU	1.6 +	1.7	8.3 +	1.09 -	0.21	5.30 -	1850.	57.	8.
49	0000	-486	37.0246	81.8154	OMUU	1.6 +	1.8	9.3 ++	1.14 -	0.20	5.81	1918.	58.	7.
50	0000	-485	37.0251	81.8154	OMUU	1.7 +	1.8	9.5 ++	1.09 -	0.19	5.71 -	1955.	57.	7.
51	0000	-485	37.0255	81.8154	OMUU	1.6 +	1.8	9.4 ++	1.08 -	0.19	5.73 -	1958.	57.	6.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-486	37.0261	81.8154	OMUU	1.5 +	1.9	9.6 ++	1.24 -	0.20	6.24	1934.	56.	5.
53	0000	-484	37.0266	81.8154	OMUU	1.5 +	1.9	9.7 ++	1.27	0.20	6.51	1915.	54.	5.
54	0000	-485	37.0271	81.8154	OMUU	1.5 +	1.9	10.0 ++	1.29	0.19	6.80	1916.	56.	4.
55	0000	-485	37.0276	81.8154	OMUU	1.4 +	1.9	10.2 ++	1.30	0.18 -	7.19	1897.	54.	3.
56	0000	-485	37.0281	81.8155	OMUU	1.4 +	1.7	9.7 ++	1.18 -	0.18 -	6.69	1889.	55.	3.
57	0000	-485	37.0286	81.8155	OMUU	1.4 +	1.6	9.6 ++	1.13 -	0.17 -	6.80	1881.	56.	4.
58	0000	-484	37.0291	81.8155	OMUU	1.4 +	1.7	9.7 ++	1.23 -	0.18 -	6.85	1881.	55.	4.
59	0000	-483	37.0296	81.8155	OMUU	1.4 +	1.9	9.3 ++	1.35	0.20	6.65	1874.	55.	4.
60	0000	-484	37.0301	81.8155	OMUU	1.4 +	1.8	9.4 ++	1.30	0.20	6.65	1853.	57.	5.
61	0000	-484	37.0305	81.8155	OMUU	1.4 +	2.0 +	9.5 ++	1.42	0.21	6.68	1862.	57.	5.
62	0000	-484	37.0311	81.8155	OMUU	1.4 +	2.2 +	9.4 ++	1.60	0.24	6.82	1864.	57.	5.
63	0000	-484	37.0316	81.8155	OMUU	1.3 +	2.3 +	9.3 ++	1.78	0.25	7.03	1831.	56.	6.
64	0000	-483	37.0321	81.8155	OMUU	1.3 +	2.3 +	9.2 +	1.84	0.25	7.36	1798.	54.	7.
65	0000	-483	37.0325	81.8156	OMUU	1.2 +	2.2 +	8.8 +	1.82	0.25	7.36	1723.	56.	8.
66	0000	-483	37.0331	81.8156	OMUU	1.1	1.9	8.5 +	1.66	0.22	7.51	1647.	55.	9.
67	0000	-483	37.0336	81.8156	OMUU	1.0	1.9	7.9 +	1.89	0.24	7.85	1569.	55.	8.
68	0000	-482	37.0340	81.8156	OMUU	0.9	1.6	7.3	1.83	0.22	8.26	1470.	55.	9.
69	0000	-482	37.0346	81.8156	OMUU	0.8	1.3	6.6	1.63	0.19	8.39	1361.	57.	11.
70	0000	-482	37.0351	81.8156	OMUU	0.7	1.1	6.1	1.58	0.18 -	8.61	1291.	55.	10.
71	0000	-482	37.0356	81.8156	OMUU	0.7	1.0	5.8	1.56	0.18 -	8.85	1220.	56.	11.
72	0000	-481	37.0361	81.8156	OMUU	0.6	1.1	5.7	1.81	0.19	9.72	1178.	55.	10.
73	0000	-481	37.0366	81.8156	OMUU	0.5	1.1	5.3	2.06	0.21	9.85	1148.	56.	10.
74	0000	-481	37.0371	81.8156	OMUU	0.5	0.9 -	5.4	1.80	0.17 -	10.30	1118.	55.	10.
75	0000	-482	37.0376	81.8156	OMUU	0.5	0.9 -	5.1	1.61	0.17 -	9.68	1070.	56.	9.
76	0000	-483	37.0381	81.8157	OMUU	0.5	0.8 -	4.9	1.53	0.17 -	8.98	1038.	55.	8.
77	0000	-483	37.0386	81.8157	OMUU	0.6	0.9 -	4.8	1.66	0.19	8.64	999.	56.	6.
78	0000	-482	37.0392	81.8158	OMUU	0.6	1.0	4.6	1.81	0.23	7.98	989.	56.	6.
79	0000	-481	37.0397	81.8159	OMUU	0.6	1.1	4.6	1.90	0.24	7.77	998.	56.	5.
80	0000	-481	37.0403	81.8159	OMUU	0.6	1.2	4.5	1.88	0.26	7.16	1004.	58.	4.
81	0000	-482	37.0408	81.8159	OMUU	0.7	1.3	4.5	1.86	0.28	6.53	1027.	59.	4.
82	0000	-483	37.0414	81.8160	OMUU	0.7	1.5	4.6	2.05	0.33	6.23	1090.	59.	3.
83	0000	-483	37.0419	81.8160	OKU	0.8	1.4	4.9	1.81	0.29	6.24	1128.	59.	3.
84	0000	-483	37.0424	81.8161	OKU	0.8	1.4	4.8	1.74	0.29	5.91	1153.	60.	4.
85	0000	-483	37.0429	81.8162	OKU	0.8	1.4	4.6	1.73	0.30	5.79	1154.	62.	4.
86	0000	-484	37.0435	81.8162	OKU	0.9	1.3	4.3	1.47	0.30	4.90 -	1162.	62.	5.
87	0000	-484	37.0440	81.8162	OKU	0.9	1.7	4.2	1.89	0.39	4.80 -	1207.	61.	5.
88	0000	-483	37.0445	81.8162	OKU	0.9	1.9	4.0	2.10	0.47 +	4.48 -	1266.	62.	5.
89	0000	-483	37.0451	81.8163	OKU	1.0	1.7	4.3	1.74	0.40	4.32 -	1303.	59.	7.
90	0000	-484	37.0456	81.8164	OKU	1.0	1.9	4.0	1.99	0.48 +	4.11 -	1355.	60.	8.
91	0000	-485	37.0461	81.8164	OKU	1.0	2.1 +	4.3	2.10	0.48 +	4.34 -	1412.	59.	9.
92	0000	-483	37.0466	81.8165	OKU	1.0 +	2.3 +	4.4	2.19	0.51 +	4.26 -	1476.	57.	10.
93	0000	-482	37.0472	81.8166	OKU	1.0	2.3 +	4.8	2.37	0.48 +	4.90 -	1507.	56.	11.
94	0000	-482	37.0477	81.8166	OKU	1.0	2.0	5.3	2.01	0.37	5.46	1512.	55.	12.
95	0000	-481	37.0482	81.8167	OKU	0.9	1.9	5.8	2.10	0.33	6.33	1503.	54.	12.
96	0000	-480	37.0488	81.8167	OKU	0.8	2.0	5.6	2.47	0.36	6.80	1478.	54.	13.
97	0000	-480	37.0493	81.8167	OKU	0.9	1.9	6.1	2.17	0.31	7.05	1463.	53.	12.
98	0000	-481	37.0498	81.8168	OKU	0.9	2.0	6.0	2.31	0.33	6.96	1451.	53.	10.
99	0000	-480	37.0504	81.8168	OKU	0.8	2.0	6.0	2.43	0.34	7.25	1444.	52.	9.
100	0000	-480	37.0509	81.8169	CCR-1	0.9	2.0	5.7	2.31	0.35	6.51	1435.	54.	7.
101	0000	-479	37.0514	81.8169	CCR-1	0.9	2.1	5.5	2.35	0.39	6.06	1428.	53.	6.
102	0000	-478	37.0520	81.8170	CCR-1	1.0	2.0	5.1	2.06	0.40	5.15	1433.	51.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-480	37.0525	81.8170	CCR-1	1.0	2.3	5.2	2.27	0.44	5.16	1453.	52.	3.
104	0000	-480	37.0531	81.8170	CCR-1	1.0	2.7 +	4.9	2.70	0.55 +	4.93	1483.	51.	2.
105	0000	-478	37.0536	81.8171	CCR-1	1.0	2.5 +	5.1	2.51	0.50 +	5.06	1505.	50.	2.
106	0000	-477	37.0541	81.8172	CCR-1	1.0	2.6 +	5.5	2.52	0.48	5.26	1526.	51.	1.
107	0000	-478	37.0547	81.8172	CCR-1	1.0	2.7 +	6.0	2.74	0.46	6.02	1550.	49.	1.
108	0000	-478	37.0552	81.8173	CCR-1	1.0	2.8 +	6.2	2.86	0.45	6.35	1567.	52.	1.
109	0000	-478	37.0557	81.8173	CCR-1	0.9	2.8 +	6.7 +	3.14	0.42	7.53	1578.	52.	1.
110	0000	-478	37.0562	81.8174	CCR-1	0.9	2.7 +	6.8 +	3.03	0.39	7.73	1599.	51.	1.
111	0000	-476	37.0568	81.8174	CCR-1	0.9	2.6 +	7.1 +	2.80	0.36	7.79	1628.	53.	2.
112	0000	-475	37.0573	81.8174	CCR-1	1.0	2.5 +	7.4 +	2.52	0.34	7.36	1667.	55.	2.
113	0000	-476	37.0579	81.8176	CCR-1	1.3 +	2.3	7.5 +	1.84	0.31	5.98	1762.	56.	3.
114	0000	-476	37.0584	81.8176	CCR-1	1.6 +	2.4	7.3 +	1.50	0.33	4.62	1918.	55.	4.
115	0000	-475	37.0589	81.8176	CN	2.0	2.2	7.1	1.10	0.31	3.50	2128.	54.	4.
116	0000	-475	37.0594	81.8177	CN	2.7	2.2	6.9	0.82	0.32	2.57	2402.	53.	4.
117	0000	-477	37.0600	81.8177	CN	3.2 +	2.3	6.7	0.71 -	0.34	2.06 -	2641.	55.	3.
118	0000	-475	37.0605	81.8178	CN	3.7 +	2.2	6.4	0.61 -	0.35	1.76 -	2813.	56.	2.
119	0000	-474	37.0610	81.8178	CN	4.0 +	2.2	6.4	0.55 -	0.35	1.59 -	2974.	54.	2.
120	0000	-475	37.0616	81.8179	CHK-2	4.2 +	2.2	6.2 -	0.53 -	0.36	1.48 -	3037.	54.	1.
121	0000	-475	37.0621	81.8179	CHK-2	4.2 +	2.3	6.2 -	0.54 -	0.37	1.46 -	3034.	56.	1.
122	0000	-473	37.0626	81.8179	CHK-1	4.0 ++	2.3	6.0 +	0.57 --	0.38	1.48 --	2932.	57.	1.
123	0000	-473	37.0632	81.8180	CHK-1	3.7 ++	2.4	5.7 +	0.64 --	0.42	1.54 --	2788.	57.	2.
124	0000	-473	37.0637	81.8181	CHK-1	3.4 ++	2.3	5.6	0.66 --	0.40	1.63 --	2634.	59.	4.
125	0000	-472	37.0642	81.8181	CHK-1	3.2 ++	2.1	5.7 +	0.67 --	0.37	1.78 --	2499.	58.	6.
126	0000	-471	37.0647	81.8182	CHK-1	2.8 ++	2.3	5.4	0.83 -	0.44	1.90 --	2371.	58.	8.
127	0000	-470	37.0653	81.8182	CHK-1	2.6 +	2.3	5.6	0.89 -	0.41	2.18 -	2281.	57.	10.
128	0000	-468	37.0658	81.8183	CHK-1	2.5 +	2.3	5.6	0.92 -	0.41	2.26 -	2249.	56.	11.
129	0000	-467	37.0664	81.8184	CHK-2	2.4	2.3	6.1 -	0.95	0.38	2.47 -	2265.	55.	10.
130	0000	-466	37.0669	81.8184	CHK-2	2.5	2.1	6.6 -	0.85 -	0.32	2.64 -	2296.	56.	10.
131	0000	-465	37.0674	81.8184	CR-2	2.6 --	2.4	7.2	0.91 ++	0.33 +	2.73 ++	2411.	55.	8.
132	0000	-465	37.0680	81.8184	CR-2	2.9 -	2.6	7.5	0.88 ++	0.34 +	2.55 +	2603.	56.	6.
133	0000	-464	37.0685	81.8185	CR-2	3.4 -	2.5	8.4	0.74 +	0.30	2.47 +	2799.	56.	5.
134	0000	-462	37.0690	81.8186	CR-2	3.6	2.5	8.5	0.70 +	0.30	2.35 +	2922.	54.	3.
135	0000	-462	37.0696	81.8186	DB-2	3.8 +++	2.3	8.6	0.60 ---	0.26	2.28 ---	2954.	56.	2.
136	0000	-461	37.0701	81.8187	DB-2	3.9 +++	2.1	8.6	0.54 ---	0.25	2.17 ---	2991.	56.	2.
137	0000	-460	37.0707	81.8187	DB-2	4.0 +++	2.4	8.0	0.60 ---	0.30	2.01 ---	3012.	56.	3.
138	0000	-459	37.0712	81.8187	DB-2	3.9 +++	2.2	8.3	0.57 ---	0.26	2.14 ---	2969.	54.	5.
139	0000	-459	37.0717	81.8188	DB-2	3.6 +++	2.0	8.4	0.57 ---	0.24	2.34 ---	2842.	55.	6.
140	0000	-459	37.0723	81.8188	DB-2	3.2 +++	1.8	8.1	0.58 ---	0.23	2.55 ---	2687.	54.	9.
141	0000	-458	37.0728	81.8189	MG	2.9 +++	1.8	8.1	0.62 ---	0.22 -	2.82 ---	2537.	56.	11.
142	0000	-458	37.0733	81.8190	MG	2.5 +++	2.0	8.1	0.81 --	0.25	3.20 ---	2423.	55.	12.
143	0000	-458	37.0738	81.8190	MG	2.2 +++	2.0	8.4	0.91 --	0.24	3.84 --	2294.	54.	13.
144	0000	-456	37.0744	81.8191	MG	1.9 +++	1.6 -	8.9 +	0.84 --	0.18 -	4.73 --	2146.	53.	14.
145	0000	-454	37.0749	81.8191	MG	1.6 ++	1.4 -	9.1 +	0.87 --	0.15 --	5.71 -	2008.	53.	13.
146	0000	-454	37.0754	81.8191	MG	1.4 +	1.4 -	9.0 +	0.97 --	0.15 ---	6.41	1880.	52.	13.
147	0000	-454	37.0760	81.8192	MG	1.3 +	1.3 -	8.6	0.96 --	0.15 --	6.45	1782.	53.	13.
148	0000	-455	37.0765	81.8192	MG	1.3 +	1.3 -	8.5	1.02 -	0.15 --	6.72	1758.	52.	13.
149	0000	-453	37.0770	81.8193	MG	1.2 +	0.9 --	8.4	0.72 --	0.11 ---	6.80	1724.	53.	14.
150	0000	-452	37.0775	81.8193	MMCC	1.2	0.9 ---	8.0	0.73 --	0.11 ---	6.63	1693.	52.	14.
151	0000	-452	37.0781	81.8194	MMCC	1.1	1.3 -	7.9	1.19 -	0.17 -	7.14	1662.	52.	13.
152	0000	-450	37.0786	81.8195	MMCC	1.0	1.4 -	7.2	1.35	0.20 -	6.92	1625.	51.	14.
153	0000	-448	37.0791	81.8195	MMCC	1.0	1.6	7.1	1.56	0.22	7.00	1622.	51.	14.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNI	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-447	37.0797	81.8196	MPR-1	1.0	1.9	7.1	1.89	0.26	7.20	1612.	52.	12.
155	0000	-446	37.0802	81.8196	MPR-1	1.0	1.8	7.0	1.86	0.27	7.00	1581.	55.	11.
156	0000	-444	37.0808	81.8196	MPR-1	1.0	2.1	6.8	2.12	0.30	6.96	1575.	54.	9.
157	0000	-443	37.0813	81.8197	MPR-1	1.0	2.5	6.7	2.63	0.38 +	6.97	1584.	55.	7.
158	0000	-441	37.0818	81.8197	DB-2	1.0	2.6	6.3 -	2.77 +	0.42 +	6.61	1592.	54.	6.
159	0000	-441	37.0824	81.8198	DB-2	0.9	2.8 +	6.2 -	3.08 +	0.45 ++	6.78	1582.	55.	4.
160	0000	-441	37.0829	81.8199	DB-2	0.9	2.7 +	6.3 -	3.03 +	0.43 +	6.99	1567.	56.	3.
161	0000	-439	37.0835	81.8199	DB-2	0.8	2.8 +	6.4 -	3.42 +	0.44 ++	7.75	1554.	56.	2.
162	0000	-438	37.0840	81.8200	DB-2	0.7 -	3.2 ++	6.3 -	4.35 ++	0.51 ++	8.50	1545.	55.	2.
163	0000	-437	37.0845	81.8200	DB-2	0.6 -	3.6 ++	6.3 -	5.57 ++	0.57 ++	9.81 +	1553.	53.	1.
164	0000	-437	37.0851	81.8201	DB-2	0.6 -	3.6 ++	6.5 -	5.80 +++	0.56 ++	10.41 +	1529.	53.	1.
165	0000	-435	37.0856	81.8201	DB-2	0.6 -	3.4 ++	6.3 -	5.78 +++	0.54 ++	10.68 +	1490.	55.	1.
166	0000	-434	37.0861	81.8201	DB-2	0.6 -	3.3 ++	6.3 -	5.15 ++	0.52 ++	9.97 +	1479.	56.	0.
167	0000	-432	37.0866	81.8202	DB-2	0.6 -	3.5 ++	5.8 -	5.71 ++	0.61 +++	9.42	1472.	57.	0.
168	0000	-431	37.0872	81.8203	DB-2	0.7 -	3.4 ++	5.8 -	5.06 ++	0.60 +++	8.46	1477.	57.	0.
169	0000	-430	37.0877	81.8203	MPR-1	0.8	3.0 +	5.9	3.67 +	0,52 ++	7.12	1495.	58.	0.
170	0000	-427	37.0882	81.8203	MPR-1	0.9	2.7	6.1	3.01	0.45 +	6.70	1489.	59.	0.
171	0000	-428	37.0888	81.8204	MPR-1	1.0	2.5	6.5	2.58	0.38 +	6.78	1517.	57.	1.
172	0000	-427	37.0893	81.8204	DB-2	1.0	2.5 -	7.1	2.38	0.35 +	6.84	1573.	56.	2.
173	0000	-424	37.0898	81.8205	DB-2	1.1	2.4	7.2	2.13	0.33	6.40	1606.	56.	3.
174	0000	-424	37.0903	81.8205	DB-2	1.2	2.0	7.4	1.75	0.28	6.34	1608.	52.	4.
175	0000	-423	37.0909	81.8206	DB-2	1.2	2.1	7.4	1.77	0.28	6.26	1615.	51.	4.
176	0000	-417	37.0914	81.8206	DB-2	1.1	2.1	7.5	1.99	0.29	6.95	1586.	50.	5.
177	0000	-412	37.0919	81.8207	DB-2	1.1	2.0	7.3	1.86	0.27	6.81	1541.	51.	5.
178	0000	-408	37.0925	81.8208	DB-2	1.1	1.8	6.5 -	1.64	0.27	6.00	1474.	52.	5.
179	0000	-405	37.0930	81.8208	DB-2	1.0	1.6 -	6.2 -	1.54	0.25	6.12	1390.	53.	4.
180	0000	-411	37.0936	81.8208	DB-2	0.9	1.7	5.7 -	1.85	0.30	6.18	1337.	54.	3.
181	0000	-418	37.0941	81.8208	DB-2	0.9	1.9	5.7 -	2.22	0.34 +	6.57	1315.	57.	2.
182	0000	-419	37.0946	81.8209	DB-2	0.8	1.6	5.7 -	1.94	0.29	6.71	1292.	57.	3.
183	0000	-416	37.0951	81.8209	DB-2	0.8	1.9	5.5 -	2.18	0.34	6.52	1309.	57.	3.
184	0000	-414	37.0956	81.8209	DB-2	0.9	2.2	5.6 -	2.52	0.39 +	6.51	1360.	55.	3.
185	0000	-414	37.0961	81.8209	DB-2	0.9	2.3	6.4 -	2.65	0.36 +	7.37	1429.	55.	4.
186	0000	-413	37.0966	81.8209	MP	0.9	2.3 ++	6.8	2.51 ++	0.34 +	7.34 +	1519.	55.	5.
187	0000	-411	37.0972	81.8209	MP	1.0	2.3 ++	7.2 +	2.30 ++	0.32 +	7.18 +	1573.	53.	6.
188	0000	-410	37.0977	81.8210	MP	1.1	2.0 +	7.4 +	1.75	0.27	6.52	1615.	54.	8.
189	0000	-412	37.0982	81.8210	MP	1.1	2.1 +	7.1	1.83	0.29	6.26	1618.	57.	8.
190	0000	-411	37.0987	81.8210	MP	1.2	1.9	7.6 +	1.55	0.24	6.32	1624.	57.	9.
191	0000	-409	37.0992	81.8210	MP	1.3 +	1.5	7.8 +	1.15	0.19 -	6.06	1639.	58.	10.
192	0000	-406	37.0997	81.8210	MP	1.2	1.4	7.1	1.18	0.20	5.79	1603.	58.	10.
193	0000	-406	37.1003	81.8210	PPL	1.2	1.6	6.3	1.30	0.26	5.10 -	1545.	58.	9.
194	0000	-406	37.1008	81.8212	PPL	1.1	1.5	6.0	1.33	0.26	5.20	1487.	58.	8.
195	0000	-405	37.1013	81.8212	PPL	1.1	1.6	5.8	1.54	0.28	5.46	1426.	54.	7.
196	0000	-404	37.1018	81.8212	PPL	1.0	1.5	5.9	1.50	0.26	5.78	1391.	49.	6.
197	0000	-402	37.1023	81.8212	PPL	1.0	1.8	5.3	1.82	0.33	5.46	1344.	48.	5.
198	0000	-400	37.1028	81.8212	PPL	0.9	1.9	5.0	2.18 +	0.38 +	5.78	1273.	46.	4.
199	0000	-398	37.1033	81.8212	PPNG	0.9 -	1.7	5.0	2.01 +	0.34 +	5.85	1233.	46.	3.
200	0000	-399	37.1038	81.8212	PPNG	0.9 -	1.5	5.2	1.80 +	0.29	6.12	1205.	48.	3.
201	0000	-398	37.1043	81.8213	PPNG	0.9	1.4	5.4	1.59	0.26	6.03	1210.	47.	3.
202	0000	-397	37.1049	81.8213	PPNG	0.9	1.6	5.3	1.73	0.29	5.88	1235.	48.	3.
203	0000	-396	37.1054	81.8213	PPNG	0.9	1.7	5.2	1.78	0.32	5.62	1251.	51.	2.
204	0000	-395	37.1059	81.8213	PPNG	0.9	1.4	5.3	1.48	0.27	5.58	1262.	52.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-394	37.1064	81.8213	PPNG	1.0	1.	5.0	1.64	0.32	5.20	1274.	54.	3.
206	0000	-393	37.1069	81.8213	PPNG	1.0	1.	4.9 -	1.83 +	0.37 +	4.93	1305.	56.	2.
207	0000	-392	37.1074	81.8213	PPNG	1.0	1.9	4.9 -	1.90 +	0.39 ++	4.94	1315.	56.	3.
208	0000	-391	37.1079	81.8214	PPNG	1.0	2.0	4.6 -	2.07 +	0.44 ++	4.74 -	1316.	57.	3.
209	0000	-391	37.1085	81.8214	PPNG	1.0	1.9	4.5 -	2.01 +	0.42 ++	4.74 -	1294.	59.	3.
210	0000	-391	37.1090	81.8214	PPNG	0.9	1.9	4.4 -	2.05 +	0.43 ++	4.78 -	1260.	59.	3.
211	0000	-389	37.1095	81.8214	PPNG	0.9 -	1.8	4.3 -	2.10 +	0.43 ++	4.87	1219.	60.	2.
212	0000	-387	37.1100	81.8214	PPNG	0.8 -	1.5	4.3 -	1.78	0.34 +	5.18	1173.	60.	3.
213	0000	-388	37.1105	81.8214	PPNG	0.8 -	1.4	4.4 -	1.71	0.31	5.56	1117.	58.	2.
214	0000	-388	37.1111	81.8214	PPNG	0.8 -	1.2	4.4 -	1.56	0.27	5.79	1072.	57.	3.
215	0000	-387	37.1115	81.8215	PPNG	0.8 -	1.0 -	4.6 -	1.37	0.22	6.09	1036.	60.	3.
216	0000	-386	37.1120	81.8215	PPNG	0.7 -	0.9 -	4.6 -	1.32	0.21	6.42 +	1014.	60.	3.
217	0000	-386	37.1125	81.8215	PPNG	0.7 -	0.9 -	4.9 -	1.21	0.18 -	6.91 ++	1010.	58.	3.
218	0000	-384	37.1131	81.8215	PPNG	0.7 -	0.9 -	5.0	1.34	0.19 -	7.16 ++	1024.	57.	3.
219	0000	-383	37.1136	81.8215	PPNG	0.7 -	1.1 -	5.2	1.57	0.22	7.16 ++	1045.	58.	3.
220	0000	-380	37.1141	81.8215	PPNG	0.7 -	1.1 -	5.4	1.50	0.21	7.28 ++	1080.	59.	3.
221	0000	-380	37.1146	81.8215	PPNG	0.8 -	1.3	5.6	1.63	0.23	7.21 ++	1142.	59.	3.
222	0000	-380	37.1151	81.8215	PPNG	0.8 -	1.3	5.8	1.61	0.23	7.07 ++	1219.	55.	4.
223	0000	-378	37.1156	81.8216	PPNG	0.9	1.6	5.8	1.83 +	0.28	6.54 +	1272.	56.	4.
224	0000	-378	37.1162	81.8216	PPNG	1.0	1.7	5.9	1.77	0.29	6.08	1319.	56.	4.
225	0000	-379	37.1167	81.8217	PPNG	1.0	1.6	5.8	1.66	0.28	5.94	1337.	59.	5.
226	0000	-377	37.1172	81.8217	PPNG	1.0	1.4	6.2	1.36	0.22	6.10	1389.	59.	5.
227	0000	-375	37.1177	81.8217	PPNG	1.0	1.5	6.2	1.52	0.25	6.14	1422.	58.	6.
228	0000	-372	37.1182	81.8217	PPNG	1.0	1.6	6.0	1.57	0.27	5.84	1430.	57.	6.
229	0000	-370	37.1187	81.8217	PPNG	1.0	1.5	6.1	1.62	0.25	6.42 +	1411.	57.	6.
230	0000	-371	37.1193	81.8217	PPNG	0.9	1.2 -	6.2	1.22	0.19 -	6.51 +	1382.	55.	6.
231	0000	-370	37.1198	81.8217	PPNG	0.9	0.9 -	6.0	1.05	0.16 -	6.72 +	1346.	58.	7.
232	0000	-366	37.1202	81.8217	PPNG	0.9	0.9 -	6.1	1.06	0.15 -	6.89 ++	1330.	55.	6.
233	0000	-366	37.1208	81.8217	PPNG	0.8 -	1.3	5.6	1.55	0 23	6.70 +	1266.	54.	5.
234	0000	-367	37.1213	81.8217	PPNG	0.8 -	1.1 -	5.1	1.40	0.22	6.39 +	1190.	55.	4.
235	0000	-366	37.1218	81.8217	PPNG	0.7 -	1.0 -	5.0	1.37	0.20	6.81 ++	1110.	56.	3.
236	0000	-365	37.1223	81.8217	PPNG	0.7 -	1.0 -	4.6 -	1.46	0.23	6.42 +	1038.	56.	3.
237	0000	-363	37.1228	81.8219	PPNG	0.7 --	1.2 -	4.2 -	1.72	0.27	6.31 +	982.	54.	2.
238	0000	-361	37.1233	81.8219	PPNG	0.6 --	1.3	3.8 --	2.02 +	0.34 +	5.98	937.	52.	2.
239	0000	-360	37.1239	81.8219	PPNG	0.6 --	1.2	3.5 --	2.15 ++	0.35 +	6.07	896.	50.	1.
240	0000	-359	37.1244	81.8219	PPNG	0.5 --	1.1 -	3.4 --	2.02 +	0.31	6.44 +	868.	49.	1.
241	0000	-359	37.1249	81.8219	PPNG	0.5 --	1.0 -	3.3 --	1.95 +	0.31	6.31 +	862.	51.	2.
242	0000	-359	37.1254	81.8219	PPNG	0.5 ---	1.0 -	3.3 --	1.89 +	0.30	6.34 +	849.	51.	2.
243	0000	-358	37.1259	81.8220	PPNG	0.5 ---	1.0 -	3.1 ---	1.92 +	0.33 +	5.87	842.	53.	2.
244	0000	-354	37.1264	81.8220	PPNG	0.5 ---	0.9 -	3.2 ---	1.73	0.28	6.14	862.	54.	2.
245	0000	-354	37.1269	81.8220	PPNG	0.5 --	0.9 -	3.3 --	1.67	0.28	5.97	880.	56.	1.
246	0000	-354	37.1275	81.8220	PPNG	0.6 --	1.0 -	3.3 --	1.80 +	0.31	5.88	897.	56.	1.
247	0000	-352	37.1280	81.8220	PPNG	0.6 --	1.1 -	3.4 --	1.68	0.32	5.34	922.	57.	1.
248	0000	-349	37.1285	81.8220	PPNG	0.7 --	1.1 -	3.5 --	1.61	0.31	5.20	950.	58.	1.
249	0000	-349	37.1290	81.8221	PPNG	0.7 --	1.0 -	3.5 --	1.44	0.29	4.92	974.	59.	3.
250	0000	-349	37.1295	81.8221	PPNG	0.7 -	0.9 -	3.8 --	1.28	0.25	5.24	994.	56.	3.
251	0000	-347	37.1300	81.8221	PPNG	0.7 -	1.0 -	3.5 --	1.40	0.2[illegible]	4.91	975.	58.	5.
252	0000	-346	37.1305	81.8221	PPNG	0.7 -	0.9 -	3.9 --	1.34	0.24	5.63	976.	56.	6.
253	0000	-346	37.1310	81.8221	PPNG	0.7 -	0.6 --	4.0 --	0.89 -	0.16 -	5.45	976.	57.	8.
254	0000	-346	37.1315	81.8221	PPNG	0.7 --	0.5 --	3.8 --	0.76 -	0.13 --	5.70	958.	59.	10.
255	0000	-343	37.1320	81.8221	PPNG	0.6 --	0.4 --	3.8 --	0.60 --	0.10 --	6.03	928.	58.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

* TAGS * ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES * POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K *	GROSS CPS	COS CPS	UAIR * CPS
256	0000	-341	37.1326	81.8222	PPNG	0.6 --	0.6 --	3.6 --	0.96 -	0.16 -	5.90	918.	56.	11.
257	0000	-339	37.1331	81.8222	PPNG	0.6 --	0.5 --	3.4 --	0.79 -	0.14 -	5.66	911.	57.	13.
258	0000	-337	37.1336	81.8222	PPNG	0.6 --	0.4 --	3.6 --	0.63 --	0.11 --	5.64	935.	58.	13.
259	0000	-337	37.1341	81.8222	PPNG	0.7 --	0.5 --	3.4 --	0.74 -	0.15 -	5.11	952.	60.	12.
260	0000	-338	37.1347	81.8222	PPNG	0.7 -	0.8 -	3.4 --	1.20	0.24	4.90	990.	61.	12.
261	0000	-338	37.1352	81.8222	PPNG	0.8 -	1.1 -	3.5 --	1.41	0.30	4.64 -	1051.	60.	10.
262	0000	-337	37.1357	81.8223	PPNG	0.8 -	1.3	4.0 --	1.63	0.33 +	4.99	1116.	61.	9.
263	0000	-335	37.1362	81.8223	PPNG	0.9 -	1.4	4.5 -	1.64	0.32	5.17	1214.	60.	8.
264	0000	-332	37.1367	81.8223	PPNG	1.0	2.0	5.4	2.02 +	0.36 +	5.53	1337.	61.	6.
265	0000	-332	37.1372	81.8223	PPNG	1.1	2.2 +	5.9	2.07 +	0.38 +	5.50	1431.	60.	4.
266	0000	-333	37.1377	81.8223	PPNG	1.1	2.1 +	6.0	1.87 +	0.35 +	5.31	1485.	59.	5.
267	0000	-330	37.1382	81.8223	PPNG	1.2	2.0	6.2	1.68	0.33 +	5.15	1540.	60.	5.
268	0000	-327	37.1387	81.8224	PPNG	1.3	1.9	6.4	1.39	0.29	4.79 -	1573.	57.	4.
269	0000	-329	37.1392	81.8224	PPNG	1.3	1.8	6.2	1.33	0.29	4.58 -	1551.	55.	5.
270	0000	-327	37.1397	81.8224	PPNG	1.3	1.7	5.8	1.33	0.30	4.52 -	1482.	57.	4.
271	0000	-325	37.1403	81.8224	PPNG	1.2	1.4	4.9 -	1.14	0.28	4.10 --	1378.	57.	5.
272	0000	-325	37.1408	81.8224	PPNG	1.1	1.1 -	4.6 -	1.01 -	0.24	4.18 -	1287.	58.	5.
273	0000	-324	37.1413	81.8224	PPNG	1.0	1.1 -	4.7 -	1.11	0.24	4.52 -	1247.	56.	5.
274	0000	-318	37.1418	81.8225	PPNG	1.0	1.1 -	4.7 -	1.17	0.24	4.81 -	1203.	55.	5.
275	0000	-318	37.1423	81.8225	PPNG	0.9 -	1.4	4.8 -	1.58	0.28	5.56	1188.	56.	5.
276	0000	-319	37.1429	81.8225	PPNG	0.9	1.4	5.1	1.59	0.28	5.67	1252.	55.	5.
277	0000	-316	37.1434	81.8225	PPNG	1.0	1.6	5.3	1.61	0.30	5.46	1301.	55.	5.
278	0000	-315	37.1439	81.8225	PPNG	1.0	1.5	5.7	1.61	0.27	5.97	1327.	55.	5.
279	0000	-317	37.1444	81.8225	PPNG	1.0	1.7	6.1	1.65	0.27	6.13	1378.	54.	4.
280	0000	-316	37.1449	81.8226	PPNG	1.0	2.0	6.1	1.92 +	0.33 +	5.89	1418.	56.	4.
281	0000	-315	37.1454	81.8226	PPNG	1.1	1.9	6.7	1.69	0.28	5.97	1487.	56.	4.
282	0000	-315	37.1459	81.8226	PPNG	1.2	1.8	7.1	1.49	0.25	5.94	1540.	57.	3.
283	0000	-313	37.1464	81.8226	PPNG	1.3	1.9	7.0	1.46	0.27	5.51	1580.	58.	4.
284	0000	-312	37.1469	81.8226	PPL	1.3 +	1.6	7.3 +	1.26	0.22	5.63	1640.	57.	5.
285	0000	-311	37.1474	81.8226	PPL	1.5 +	1.6	7.8 +	1.07 -	0.20 -	5.22	1741.	57.	6.
286	0000	-310	37.1480	81.8227	PPL	1.6 ++	1.7	7.9 +	1.09 -	0.22	5.06 -	1828.	58.	7.
287	0000	-309	37.1485	81.8227	PPL	1.6 ++	1.8	7.8 +	1.11 -	0.23	4.90 -	1877.	57.	9.
288	0000	-306	37.1490	81.8227	PPL	1.6 ++	2.0 +	7.1	1.21	0.28	4.30 --	1871.	58.	10.
289	0000	-304	37.1495	81.8227	PPL	1.5 ++	2.0 +	6.6	1.31	0.30	4.31 --	1777.	59.	11.
290	0000	-306	37.1500	81.8227	PPL	1.4 +	1.9	6.4	1.35	0.29	4.60 -	1675.	60.	10.
291	0000	-303	37.1505	81.8227	PPL	1.3 +	1.9	6.1	1.43	0.30	4.72 -	1569.	59.	9.
292	0000	-302	37.1510	81.8227	PPL	1.1	1.9 +	5.4	1.74	0.35 +	4.92 -	1436.	58.	7.
293	0000	-305	37.1516	81.8228	PPL	1.0	1.8	5.0	1.87	0.37 +	5.11 -	1302.	58.	6.
294	0000	-306	37.1521	81.8228	PPL	0.9	1.7	4.8	1.94	0.35 +	5.57	1207.	57.	4.
295	0000	-304	37.1526	81.8228	PPL	0.7 -	1.7	4.7 -	2.35 +	0.36 +	6.58	1134.	57.	3.
296	0000	-302	37.1531	81.8228	PPL	0.8	1.6	4.8 -	2.01	0.34	5.94	1174.	55.	1.
297	0000	-302	37.1537	81.8228	PPL	0.9	1.5	4.9	1.79	0.31	5.70	1211.	54.	1.
298	0000	-305	37.1542	81.8228	PPL	0.9	1.6	4.9	1.88	0.33	5.65	1225.	57.	1.
299	0000	-302	37.1546	81.8229	PPL	0.9	1.7	5.1	1.82	0.33	5.50	1257.	59.	2.
300	0000	-296	37.1551	81.8229	PPNG	1.0	1.7	5.1	1.73	0.33 +	5.28	1280.	59.	3.
301	0000	-300	37.1557	81.8229	PPNG	1.0	1.5	4.9 -	1.50	0.31	4.82 -	1275.	61.	4.
302	0000	-301	37.1562	81.8229	PPNG	1.0	1.2	5.1	1.24	0.25	5.06	1253.	62.	6.
303	0000	-298	37.1567	81.8229	PPNG	1.0	1.1 -	5.0	1.14	0.22	5.23	1217.	64.	7.
304	0000	-297	37.1572	81.8229	PPNG	0.9	1.2 -	5.0 -	1.23	0.23	5.32	1209.	64.	8.
305	0000	-298	37.1577	81.8230	PPNG	1.0	1.0 -	5.0 -	1.06	0.21	5.13	1249.	62.	9.
306	0000	-296	37.1582	81.8230	PPNG	1.0	1.1 -	5.1	1.08	0.21	5.11	1296.	61.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-295	37.1587	81.8230	PPNG	1.1	1.1 -	5.5	1.00 -	0.20 -	5.08	1360.	60.	9.
308	0000	-293	37.1593	81.8230	PPNG	1.1	1.0 -	6.5	0.90 -	0.16 -	5.75	1420.	58.	8.
309	0000	-290	37.1598	81.8230	PPNG	1.2	1.2	6.7	1.02 -	0.18 -	5.77	1451.	56.	7.
310	0000	-286	37.1603	81.8230	PPNG	1.2	1.4	6.9	1.22	0.21	5.92	1481.	54.	5.
311	0000	-286	37.1608	81.8231	PPNG	1.2	1.6	6.9	1.35	0.23	5.91	1489.	53.	4.
312	0000	-290	37.1613	81.8231	PPNG	1.2	1.7	7.1	1.38	0.24	5.85	1491.	53.	2.
313	0000	-290	37.1618	81.8231	PPNG	1.3	1.7	7.0	1.37	0.25	5.58	1503.	53.	1.
314	0000	-287	37.1624	81.8231	PPNG	1.3	1.9	6.9	1.54	0.28	5.43	1521.	54.	1.
315	0000	-283	37.1629	81.8231	PPNG	1.3	2.3 +	6.4	1.78	0.36 +	4.99	1547.	55.	0.
316	0000	-285	37.1633	81.8231	PPNG	1.3	2.4 +	6.1	1.90 +	0.40 ++	4.76 -	1570.	59.	0.
317	0000	-287	37.1638	81.8232	PPNG	1.3	2.4 +	6.1	1.92 +	0.40 ++	4.78 -	1559.	59.	0.
318	0000	-286	37.1644	81.8232	PPNG	1.3	2.3 +	5.9	1.83 +	0.38 ++	4.75 -	1521.	59.	0.
319	0000	-282	37.1649	81.8232	PPNG	1.2	2.2 +	5.5	1.91 +	0.41 ++	4.69 -	1466.	59.	0.
320	0000	-279	37.1654	81.8232	PPNG	1.1	2.1 +	5.3	1.95 +	0.40 ++	4.94	1387.	60.	0.
321	0000	-278	37.1659	81.8232	PPNG	0.9	1.7	5.3	1.87 +	0.33 +	5.67	1285.	62.	1.
322	0000	-281	37.1664	81.8232	PPNG	0.9 -	1.6	4.9 -	1.84 +	0.32 +	5.68	1209.	61.	1.
323	0000	-280	37.1670	81.8233	PPNG	0.9	1.3	5.1	1.51	0.27	5.71	1172.	58.	3.
324	0000	-277	37.1675	81.8233	PPNG	0.9 -	1.1 -	4.8 -	1.33	0.24	5.55	1150.	55.	4.
325	0000	-280	37.1680	81.8233	PPNG	0.9	0.9 -	4.9 -	1.01 -	0.19 -	5.43	1154.	57.	6.
326	0000	-283	37.1685	81.8233	PPNG	0.9	0.8 -	5.2	0.92 -	0.16 -	5.77	1186.	55.	8.
327	0000	-277	37.1690	81.8233	PPNG	0.9	0.8 -	5.2	0.86 -	0.16 -	5.55	1226.	56.	10.
328	0000	-276	37.1695	81.8233	PPNG	1.0	0.9 -	4.9 -	0.92 -	0.19 -	4.94	1270.	54.	11.
329	0000	-280	37.1700	81.8233	PPNG	1.0	0.6 --	5.4	0.57 --	0.11 --	5.26	1311.	55.	12.
330	0000	-277	37.1706	81.8234	PPNG	1.0	0.6 --	5.4	0.61 --	0.12 --	5.19	1358.	54.	12.
331	0000	-276	37.1711	81.8234	PPNG	1.1	0.7 -	5.8	0.67 --	0.13 --	5.23	1419.	57.	12.
332	0000	-274	37.1716	81.8234	PPNG	1.2	1.2	5.8	1.03 -	0.20	5.01	1459.	57.	10.
333	0000	-271	37.1721	81.8234	PPNG	1.2	1.3	5.7	1.13	0.23	4.97	1449.	59.	9.
334	0000	-276	37.1726	81.8234	PPNG	1.1	1.3	5.7	1.21	0.24	5.13	1406.	58.	7.
335	0000	-277	37.1731	81.8234	PPNG	1.0	1.5	5.5	1.41	0.27	5.27	1350.	58.	6.
336	0000	-272	37.1736	81.8235	PPNG	1.0	1.6	5.1	1.66	0.32	5.21	1288.	58.	5.
337	0000	-270	37.1741	81.8235	PPNG	0.9 -	1.7	4.9 -	1.94 +	0.34 +	5.65	1227.	58.	4.
338	0000	-270	37.1747	81.8235	PPNG	0.8 -	1.7	4.6 -	2.07 +	0.38 +	5.49	1160.	60.	3.
339	0000	-277	37.1752	81.8235	PPNG	0.7 -	1.5	4.6 -	2.04 +	0.33 +	6.16 +	1120.	60.	4.
340	0000	-280	37.1757	81.8235	PPNG	0.8 -	1.3	4.7 -	1.70	0.28	6.10	1122.	58.	3.
341	0000	-278	37.1762	81.8235	PPNG	0.8 -	1.1 -	4.9 -	1.32	0.23	5.86	1162.	58.	4.
342	0000	-277	37.1767	81.8236	PPNG	0.9	1.0 -	5.2	1.12	0.20	5.64	1208.	59.	4.
343	0000	-274	37.1772	81.8236	PPNG	0.9	1.1 -	5.5	1.16	0.19 -	5.98	1242.	60.	4.
344	0000	-276	37.1777	81.8236	PPNG	1.0	1.2	5.5	1.24	0.22	5.71	1269.	60.	3.
345	0000	-275	37.1783	81.8237	PPNG	1.0	1.2	5.8	1.23	0.21	5.91	1281.	59.	3.
346	0000	-274	37.1788	81.8237	PPNG	1.0	1.3	5.7	1.27	0.23	5.60	1285.	57.	2.
347	0000	-277	37.1793	81.8237	PPNG	1.0	1.4	5.7	1.43	0.25	5.71	1292.	56.	2.
348	0000	-272	37.1798	81.8237	PPNG	0.9	1.6	5.9	1.73	0.28	6.25 +	1288.	55.	1.
349	0000	-269	37.1803	81.8237	PPNG	1.0	1.6	6.0	1.63	0.26	6.20 +	1294.	53.	1.
350	0000	-278	37.1808	81.8237	PPNG	1.0	1.6	6.0	1.64	0.28	5.94	1298.	52.	0.
351	0000	-276	37.1813	81.8237	PPNG	1.0	1.6	6.0	1.63	0.27	6.09	1293.	53.	0.
352	0000	-273	37.1818	81.8238	PPNG	1.0	1.5	6.1	1.47	0.25	5.87	1328.	53.	1.
353	0000	-277	37.1823	81.8238	PPNG	1.1	1.3	6.3	1.16	0.20	5.76	1398.	55.	2.
354	0000	-275	37.1828	81.8238	PPNG	1.1	1.3	6.3	1.17	0.20	5.77	1412.	58.	2.
355	0000	-271	37.1834	81.8238	PPNG	1.1	1.2	6.0	1.09	0.21	5.28	1409.	58.	3.
356	0000	-274	37.1839	81.8238	PPNG	1.1	1.3	6.0	1.13	0.21	5.40	1421.	58.	4.
357	0000	-277	37.1844	81.8238	PPNG	1.1	1.3	5.6	1.16	0.24	4.91	1430.	58.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-276	37.1849	81.8238	PPNG	1.2	1.3	5.2	1.13	0.26	4.39 -	1446.	58.	5.
359	0000	-271	37.1854	81.8239	PPNG	1.2	1.6	5.5	1.38	0.29	4.68 -	1469.	56.	4.
360	0000	-269	37.1860	81.8239	PPNG	1.2	1.8	5.7	1.51	0.32 +	4.66 -	1482.	56.	3.
361	0000	-266	37.1865	81.8239	PPNG	1.4	2.0	5.6	1.45	0.36 +	4.07 --	1569.	55.	3.
362	0000	-264	37.1870	81.8239	PPNG	1.5 +	2.1 +	6.5	1.41	0.32 +	4.35 -	1683.	54.	2.
363	0000	-266	37.1875	81.8239	PPNG	1.6 +	2.3 +	7.0	1.45	0.33 +	4.34 -	1807.	53.	1.
364	0000	-265	37.1880	81.8239	PPNG	1.8 +	2.5 +	7.8 +	1.43	0.32 +	4.41 -	1929.	55.	1.
365	0000	-262	37.1885	81.8239	PPNG	1.9 ++	2.5 +	9.1 +	1.31	0.28	4.71 -	2064.	54.	0.
366	0000	-266	37.1890	81.8239	PPNG	2.0 ++	2.6 ++	9.2 +	1.28	0.28	4.58 -	2130.	55.	0.
367	0000	-267	37.1895	81.8240	PPNG	2.0 ++	2.5 +	9.6 ++	1.23	0.26	4.77 -	2164.	55.	0.
368	0000	-265	37.1900	81.8240	PPNG	2.0 ++	2.7 ++	10.0 ++	1.35	0.27	5.03	2176.	55.	1.
369	0000	-268	37.1905	81.8239	PPNG	1.9 ++	2.7 ++	9.5 ++	1.41	0.29	4.93	2128.	57.	1.
370	0000	-270	37.1909	81.8239	PPNG	1.8 +	2.5 +	9.2 +	1.36	0.27	4.96	2026.	57.	1.
371	0000	-269	37.1915	81.8239	PPNG	1.7 +	2.1 +	8.9 +	1.26	0.24	5.26	1899.	55.	1.
372	0000	-266	37.1919	81.8238	PPNG	1.5 +	2.0	7.8 +	1.36	0.26	5.19	1758.	55.	2.
373	0000	-267	37.1924	81.8239	PPNG	1.4	1.8	7.4	1.32	0.24	5.40	1657.	55.	2.
374	0000	-268	37.1929	81.8239	PPNG	1.2	1.9	6.7	1.54	0.29	5.42	1560.	55.	3.
375	0000	-264	37.1934	81.8238	PPNG	1.1	1.5	6.1	1.38	0.25	5.52	1431.	56.	3.
376	0000	-264	37.1939	81.8238	PPNG	1.0	1.5	5.5	1.52	0.27	5.55	1374.	53.	3.
377	0000	-269	37.1944	81.8238	PPNG	1.0	1.5	5.4	1.61	0.28	5.67	1332.	53.	3.
378	0000	-271	37.1949	81.8237	PPNG	0.9	1.7	5.3	1.89 +	0.33 +	5.82	1308.	54.	3.
379	0000	-267	37.1954	81.8237	PPNG	0.9 -	1.9	5.4	2.19 ++	0.35 +	6.29 +	1301.	53.	3.
380	0000	-263	37.1958	81.8238	PPNG	0.8 -	1.8	5.3	2.20 ++	0.35 +	6.32 +	1295.	51.	3.
381	0000	-270	37.1964	81.8237	PPNG	0.9 -	1.9	5.0	2.13 +	0.37 +	5.80	1266.	53.	3.
382	0000	-272	37.1968	81.8237	PPNG	0.9 -	1.8	5.1	1.98 +	0.35 +	5.68	1276.	53.	2.
383	0000	-266	37.1973	81.8237	PPNG	0.9	1.9	5.2	2.13 +	0.37 +	5.83	1279.	53.	2.
384	0000	-267	37.1978	81.8236	PPNG	0.9	1.9	5.6	2.06 +	0.33 +	6.18 +	1312.	54.	2.
385	0000	-273	37.1983	81.8236	PPNG	1.0	1.6	5.6	1.60	0.28	5.79	1333.	55.	4.
386	0000	-269	37.1987	81.8236	PPNG	1.0	1.4	5.6	1.44	0.25	5.80	1328.	56.	5.
387	0000	-267	37.1993	81.8235	PPNG	1.0	1.3	5.9	1.23	0.22	5.68	1339.	57.	6.
388	0000	-272	37.1997	81.8235	PPNG	1.1	1.2	6.3	1.07	0.19 -	5.68	1391.	53.	7.
389	0000	-272	37.2002	81.8235	PPNG	1.1	1.4	7.1	1.24	0.19 -	6.41 +	1454.	53.	7.
390	0000	-271	37.2007	81.8235	PPNG	1.2	1.2	7.3	0.98 -	0.16 -	6.06	1516.	56.	8.
391	0000	-269	37.2012	81.8235	PPNG	1.2	1.2	7.4	0.97 -	0.16 -	6.12	1550.	55.	7.
392	0000	-266	37.2017	81.8235	PPNG	1.2	1.5	7.5	1.24	0.20	6.22 +	1596.	54.	6.
393	0000	-271	37.2021	81.8234	PPNG	1.2	1.6	7.4	1.32	0.22	5.95	1619.	56.	4.
394	0000	-273	37.2027	81.8234	PPNG	1.2	1.8	7.6	1.51	0.24	6.37 +	1626.	58.	3.
395	0000	-267	37.2031	81.8234	PPNG	1.2	1.9	7.8 +	1.68	0.25	6.73 +	1628.	60.	2.
396	0000	-265	37.2036	81.8234	PPNG	1.1	1.9	7.0	1.65	0.27	6.18 +	1587.	59.	1.
397	0000	-267	37.2041	81.8234	PPNG	1.1	1.8	6.7	1.65	0.26	6.26 +	1514.	57.	0.
398	0000	-266	37.2046	81.8233	PPNG	1.0	1.8	6.2	1.81 +	0.30	6.08	1428.	58.	0.
399	0000	-269	37.2051	81.8233	PPNG	0.9	1.7	5.6	1.79 +	0.30	5.93	1344.	60.	0.
400	0000	-270	37.2056	81.8233	PPNG	0.9	1.5	5.6	1.59	0.26	6.12	1302.	58.	0.
401	0000	-269	37.2061	81.8233	PPNG	0.9	1.4	5.0	1.54	0.28	5.55	1247.	55.	1.
402	0000	-272	37.2066	81.8233	PPNG	0.9 -	1.4	4.5 -	1.58	0.31	5.16	1183.	56.	1.
403	0000	-271	37.2070	81.8233	PPNG	0.8 -	1.4	4.2 -	1.71	0.34 +	5.09	1119.	57.	1.
404	0000	-270	37.2076	81.8232	PPNG	0.7 -	1.4	4.0 -	1.96 +	0.36 +	5.50	1077.	57.	2.
405	0000	-275	37.2080	81.8232	PPNG	0.7 -	1.3	4.0 --	1.78	0.33 +	5.40	1065.	59.	3.
406	0000	-274	37.2085	81.8232	PPNG	0.7 -	1.3	4.2 -	1.73	0.30	5.75	1074.	56.	4.
407	0000	-269	37.2090	81.8232	PPNG	0.7 -	1.3	4.0 --	1.84 +	0.34 +	5.46	1070.	58.	4.
408	0000	-273	37.2095	81.8232	PPNG	0.8 -	1.2	3.9 --	1.53	0.30	5.12	1086.	60.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-275	37.2100	81.8232	PPNG	0.8 -	1.2	3.9 --	1.53	0.31	5.01	1104.	60.	6.
410	0000	-276	37.2105	81.8231	PPNG	0.8 -	1.1 -	3.9 --	1.33	0.27	4.92	1110.	60.	7.
411	0000	-279	37.2109	81.8231	PPNG	0.8 -	1.0 -	3.7 --	1.18	0.26	4.57 -	1120.	61.	8.
412	0000	-273	37.2114	81.8231	PPNG	0.8 -	0.9 -	4.2 -	1.17	0.23	5.18	1127.	59.	7.
413	0000	-270	37.2119	81.8231	PPNG	0.8 -	1.0 -	4.2 -	1.26	0.24	5.17	1128.	59.	7.
414	0000	-277	37.2124	81.8231	PPNG	0.9 -	1.0 -	4.3 -	1.17	0.24	4.94	1130.	58.	6.
415	0000	-276	37.2129	81.8231	PPNG	0.9 -	1.2	4.2 -	1.42	0.29	4.90	1121.	57.	6.
416	0000	-278	37.2134	81.8230	PPNG	0.9 -	1.2	4.7 -	1.43	0.26	5.41	1143.	55.	5.
417	0000	-277	37.2139	81.8230	PPNG	0.9	1.3	5.1	1.49	0.27	5.62	1170.	56.	3.
418	0000	-269	37.2144	81.8230	PPNG	1.0	1.6	5.5	1.66	0.29	5.62	1224.	54.	2.
419	0000	-270	37.2148	81.8230	PPNG	1.1	1.7	5.4	1.59	0.31	5.08	1272.	55.	2.
420	0000	-275	37.2153	81.8230	PPNG	1.1	1.7	5.5	1.53	0.31	4.93	1310.	55.	2.
421	0000	-269	37.2158	81.8230	PPNG	1.1	1.7	5.6	1.60	0.31	5.17	1324.	54.	2.
422	0000	-273	37.2163	81.8229	PPNG	1.1	1.7	5.3	1.58	0.32	4.95	1316.	55.	3.
423	0000	-275	37.2168	81.8229	PPNG	1.0	1.4	5.0	1.37	0.28	4.82 -	1258.	56.	4.
424	0000	-269	37.2172	81.8229	PPNG	1.0	1.3	4.6 -	1.33	0.28	4.70 -	1216.	56.	6.
425	0000	-269	37.2178	81.8228	PPNG	0.9	1.1 -	4.2 -	1.22	0.26	4.70 -	1131.	57.	7.
426	0000	-269	37.2182	81.8228	PPNG	0.8 -	1.1 -	3.7 --	1.39	0.31	4.51 -	1059.	57.	7.
427	0000	-270	37.2187	81.8228	PPNG	0.7 -	1.1 -	3.7 --	1.60	0.31	5.23	1003.	57.	7.
428	0000	-278	37.2192	81.8228	PPNG	0.7 -	1.0 -	3.7 --	1.50	0.28	5.30	973.	59.	7.
429	0000	-278	37.2197	81.8228	PPNG	0.7 --	1.2	3.9 --	1.80 +	0.31	5.84	974.	57.	6.
430	0000	-274	37.2202	81.8227	PPNG	0.7 --	1.4	4.2 -	2.07 +	0.33 +	6.29 +	999.	57.	5.
431	0000	-276	37.2207	81.8227	PPNG	0.6 --	1.5	4.3 -	2.37 ++	0.35 +	6.70 +	1013.	56.	4.
432	0000	-278	37.2212	81.8227	PPNG	0.7 -	1.6	4.5 -	2.38 ++	0.36 +	6.60 +	1049.	57.	3.
433	0000	-276	37.2217	81.8226	PPNG	0.7 -	1.7	4.5 -	2.37 ++	0.38 +	6.29 +	1077.	56.	3.
434	0000	-273	37.2221	81.8226	PPNG	0.8 -	1.7	4.0 --	2.23 ++	0.43 ++	5.25	1094.	58.	3.
435	0000	-269	37.2227	81.8227	PPNG	0.8 -	1.8	4.4 -	2.28 ++	0.40 ++	5.67	1128.	59.	2.
436	0000	-275	37.2231	81.8226	PPNG	0.8 -	1.7	4.3 -	2.19 ++	0.40 ++	5.46	1136.	59.	2.
437	0000	-278	37.2236	81.8226	PPNG	0.8 -	1.7	4.4 -	2.02 +	0.38 +	5.34	1137.	60.	2.
438	0000	-271	37.2241	81.8226	PPNG	0.8 -	1.6	4.4 -	1.92 +	0.37 +	5.24	1140.	58.	2.
439	0000	-268	37.2246	81.8225	PPNG	0.8 -	1.5	4.4 -	1.81 +	0.33 +	5.40	1125.	54.	3.
440	0000	-275	37.2251	81.8225	PPNG	0.8 -	1.5	4.5 -	1.84 +	0.33 +	5.58	1085.	54.	3.
441	0000	-275	37.2256	81.8225	PPNG	0.7 -	1.5	4.5 -	2.01 +	0.33 +	6.05	1052.	54.	3.
442	0000	-271	37.2260	81.8225	PPNG	0.7 -	1.5	4.2 -	2.04 +	0.35 +	5.84	1016.	52.	3.
443	0000	-268	37.2265	81.8225	PPNG	0.7 -	1.4	4.3 -	1.92 +	0.32	6.06	1012.	52.	4.
444	0000	-267	37.2270	81.8225	PPNG	0.7 -	1.4	3.9 --	2.07 +	0.36 +	5.75	1004.	52.	4.
445	0000	-267	37.2275	81.8224	PPNG	0.7 -	1.4	3.9 --	1.91 +	0.36 +	5.29	1017.	52.	4.
446	0000	-265	37.2280	81.8224	PPNG	0.8 -	1.4	4.0 --	1.87 +	0.36 +	5.24	1019.	55.	3.
447	0000	-265	37.2284	81.8224	PPNG	0.8 -	1.5	4.0 -	1.91 +	0.36 +	5.29	1044.	55.	2.
448	0000	-266	37.2290	81.8224	PPNG	0.8 -	1.4	4.2 -	1.67	0.34 +	4.97	1090.	54.	2.
449	0000	-264	37.2294	81.8224	PPNG	0.9	1.4	4.2 -	1.58	0.33 +	4.72 -	1116.	57.	2.
450	0000	-262	37.2299	81.8224	PPNG	0.9	1.6	4.9 -	1.75	0.32 +	5.46	1157.	58.	1.
451	0000	-260	37.2304	81.8223	PPNG	1.0	1.6	5.2	1.61	0.31	5.24	1222.	57.	1.
452	0000	-263	37.2309	81.8223	PPNG	1.0	1.8	5.4	1.81 +	0.34 +	5.39	1262.	58.	1.
453	0000	-265	37.2314	81.8223	PPNG	1.0	1.9	5.7	1.91 +	0.34 +	5.57	1319.	58.	1.
454	0000	-262	37.2319	81.8222	PPNG	1.1	2.2 +	6.0	2.03 +	0.36 +	5.60	1400.	55.	1.
455	0000	-260	37.2324	81.8222	PPNG	1.1	2.4 +	6.5	2.18 ++	0.36 +	5.99	1479.	57.	1.
456	1000	-260	37.2328	81.8222	PPNG	1.2	2.5 +	7.0	2.05 +	0.35 +	5.82	1622.	54.	2.
457	1000	-258	37.2333	81.8222	PPNG	1.3	2.2 +	6.9	1.73	0.32	5.42	1694.	52.	2.
458	1000	-258	37.2338	81.8222	PPNG	1.3	2.3 +	7.5	1.85 +	0.31	5.94	1726.	53.	3.
459	1000	-259	37.2343	81.8221	PPNG	1.3	2.1 +	7.9 +	1.62	0.26	6.16 +	1736.	52.	2.

STA. ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

* ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	1000	-261	37.2348	81.8221	PPNG	1.3	2.1 +	7.6	1.62	0.28	5.74	1718.	53.	3.
461	0000	-257	37.2353	81.8221	PPNG	1.3	1.8	7.7 +	1.36	0.23	6.00	1656.	53.	3.
462	0000	-252	37.2358	81.8221	PPNG	1.2	1.5	7.0	1.22	0.21	5.77	1556.	51.	4.
463	0000	-257	37.2363	81.8221	PPNG	1.1	1.4	6.5	1.30	0.22	6.00	1403.	52.	4.
464	0000	-257	37.2368	81.8221	PPNG	1.0	1.5	5.9	1.53	0.25	6.10	1288.	54.	4.
465	0000	-251	37.2372	81.8220	PPNG	0.9	1.4	4.8 -	1.48	0.28	5.27	1203.	53.	4.
466	0000	-252	37.2377	81.8220	PPNG	0.9 -	1.4	4.3 -	1.58	0.32	5.00	1166.	54.	5.
467	0000	-249	37.2382	81.8220	PPNG	0.8 -	1.1 -	4.7 -	1.33	0.24	5.58	1159.	54.	6.
468	0000	-252	37.2387	81.8220	PPNG	0.9 -	1.2	4.5 -	1.37	0.26	5.27	1176.	55.	6.
469	0000	-257	37.2392	81.8220	PPNG	0.9	1.2	4.8 -	1.40	0.26	5.42	1195.	57.	6.
470	0000	-247	37.2397	81.8220	PPNG	1.0	1.2	5.0	1.29	0.25	5.20	1229.	59.	5.
471	0000	-24[illegible]	37.2402	81.8219	PPNG	1.0	1.2	5[illegible] -	1.16	0.24	4.83	1262.	58.	5.
472	0000	-251	37.2406	81.8219	PPNG	1.0	1.2	5.[illegible]	1.16	0.23	5.12	1291.	57.	5.
473	0000	-250	37.2411	81.8219	PPNG	1.1	1.3	5.[illegible]	1.20	0.24	4.95	1310.	56.	4.
474	0000	-253	37.2416	81.8219	PPNG	1.1	1.4	5.2	1.30	0.27	4.75 -	1309.	56.	4.
475	0000	-253	37.2421	81.8219	PPNG	1.1	1.5	5.2	1.39	0.28	4.94	1313.	57.	4.
476	0000	-251	37.2426	81.8219	PPNG	1.1	1.4	5.6	1.27	0.25	5.07	1366.	55.	3.
477	0000	-251	37.2431	81.8218	PPNG	1.1	1.6	5.4	1.46	0.29	5.02	1357.	57.	3.
478	0000	-246	37.2435	81.8218	PPNG	1.1	1.7	5.5	1.58	0.30	5.19	1350.	57.	3.
479	0000	-245	37.2440	81.8218	PPNG	1.0	1.8	5.4	1.74	0.33 +	5.21	1339.	58.	3.
480	0000	-251	37.2445	81.8217	PPNG	1.1	1.8	5.7	1.67	0.31	5.34	1337.	58.	2.
481	0000	-244	37.2450	81.8217	PPNG	1.1	1.7	5.6	1.58	0.31	5.15	1343.	58.	2.
482	0000	-241	37.2455	81.8217	PPNG	1.1	1.7	5.7	1.60	0.30	5.32	1350.	58.	2.
483	0000	-248	37.2460	81.8217	PPNG	1.0	1.8	5.8	1.70	0.30	5.63	1338.	58.	1.
484	0000	-245	37.2465	81.8217	PPNG	1.1	1.7	6.1	1.56	0.28	5.66	1375.	54.	1.
485	0000	-241	37.2470	81.8217	PPNG	1.1	1.8	6.5	1.63	0.28	5.75	1440.	54.	1.
486	0000	-249	37.2474	81.8217	PPNG	1.2	1.8	7.0	1.51	0.26	5.76	1509.	53.	1.
487	0000	-251	37.2480	81.8217	PPNG	1.2	1.8	7.1	1.48	0.25	5.88	1556.	53.	1.
488	0000	-241	37.2484	81.8217	PPNG	1.3	2.0	7.5	1.59	0.26	6.01	1627.	51.	1.
489	0000	-236	37.2489	81.8215	PPNG	1.4	2.0	7.3	1.44	0.27	5.31	1665.	53.	2.
490	0000	-245	37.2494	81.8216	PPNG	1.4	1.8	7.1	1.23	0.25	4.92	1690.	51.	4.
491	0000	-248	37.2499	81.8215	PPNG	1.4	1.8	7.0	1.27	0.26	4.94	1699.	52.	4.
492	0000	-243	37.2504	81.8215	PPNG	1.4	1.6	6.9	1.11	0.23	4.88	1668.	54.	5.
493	0000	-244	37.2509	81.8215	PPNG	1.3	1.5	6.8	1.09	0.21	5.06	1616.	55.	6.
494	0000	-245	37.2514	81.8214	PPNG	1.3	1.5	6.7	1.13	0.22	5.14	1572.	54.	7.
495	0000	-238	37.2519	81.8214	PPNG	1.3	1.2	6.2	0.94 -	0.19 -	4.96	1522.	56.	8.
496	0000	-240	37.2523	81.8214	PPNG	1.2	1.1 -	6.1	0.96 -	0.19 -	5.17	1483.	54.	7.
497	0000	-245	37.2528	81.8214	PPNG	1.1	1.2	6.5	1.12	0.19 -	5.92	1441.	55.	6.
498	0000	-240	37.2533	81.8214	PPNG	1.1	1.1 -	6.5	0.98 -	0.17 -	5.90	1404.	56.	6.
499	0000	-242	37.2538	81.8214	PPNG	1.1	1.3	6.3	1.17	0.20	5.86	1391.	54.	5.
500	0000	-248	37.2543	81.8213	PPNG	1.1	1.2	6.0	1.08	0.20	5.47	1380.	54.	5.
501	0000	-246	37.2547	81.8213	PPNG	1.1	1.2	5.7	1.08	0.21	5.19	1355.	54.	5.
502	0000	-244	37.2553	81.8213	PPNG	1.0	1.4	5.7	1.32	0.24	5.51	1315.	54.	4.
503	0000	-243	37.2557	81.8213	PPNG	1.0	1.3	5.3	1.30	0.24	5.39	1284.	53.	5.
504	0000	-241	37.2562	81.8213	PPNG	1.0	1.2 -	4.6 -	1.21	0.25	4.84	1242.	52.	6.
505	0000	-242	37.2567	81.8213	PPNG	0.9 -	1.2	4.4 -	1.40	0.28	4.99	1196.	53.	7.
506	0000	-241	37.2572	81.8212	PPNG	0.8 -	1.0 -	4.4 -	1.16	0.22	5.34	1155.	52.	8.
507	0000	-238	37.2577	81.8212	PPNG	0.8 -	1.0 -	4.4 -	1.26	0.23	5.52	1139.	52.	8.
508	0000	-242	37.2582	81.8212	PPNG	0.7 -	1.0 -	4.4 -	1.40	0.24	5.95	1129.	54.	8.
509	0000	-246	37.2587	81.8212	PPNG	0.7 -	1.0 -	4.3 -	1.32	0.22	5.91	1126.	53.	9.
510	0000	-248	37.2592	81.8212	PPNG	0.7 -	1.0 -	5.1	1.39	0.20	7.05 ++	1125.	55.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294 PAGE 842

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-243	37.2596	81.8212	PPNG	0.8 -	1.2	5.1	1.48	0.24	[illegible] +	1150.	55.	7.
512	0000	-234	37.2601	81.8211	PPNG	0.9	1.3	5.2	1.45	0.25	[illegible]	1209.	54.	6.
513	0000	-236	37.2606	81.8211	PPNG	1.0	1.7	5.2	1.74	0.33	[illegible]	1286.	54.	4.
514	0000	-235	37.2611	81.8211	PPNG	1.0	1.9	5.3	1.90 +	0.35 +	[illegible]	1327.	52.	3.
515	0000	-226	37.2616	81.8210	PPNG	1.0	2.1 +	5.6	2.14 +	0.38 ++	[illegible]	1356.	50.	2.
516	0000	-228	37.2621	81.8210	PPNG	1.1	2.2 +	5.9	2.07 +	0.37 +	[illegible]	1384.	52.	1.
517	0000	-230	37.2625	81.8210	PPNG	1.0	2.4 +	5.5	2.34 ++	0.44 ++	5.34	1396.	52.	1.
518	0000	-228	37.2631	81.8210	PPNG	1.0	2.4 +	5.5	2.36 ++	0.43 ++	5.48	1388.	55.	0.
519	0000	-230	37.2635	81.8210	PPNG	0.9	2.4 +	5.5	2.58 +++	0.43 ++	6.03	1353.	55.	0.
520	0000	-228	37.2641	81.8209	PPNG	0.9 -	2.2 +	5.5	2.52 ++	0.40 ++	6.28 +	1295.	57.	0.
521	0000	-228	37.2645	81.8209	PPNG	0.9	2.1 +	5.5	2.42 ++	0.39 ++	6.21 +	1252.	59.	0.
522	0000	-229	37.2650	81.8209	PPNG	0.9	1.8	5.5	2.02 +	0.34 +	6.01	1218.	62.	1.
523	0000	-230	37.2655	81.8209	PPNG	0.9	1.8	5.2	2.02 +	0.35 +	5.68	1208.	60.	1.
524	0000	-231	37.2659	81.8209	PPNG	0.9	1.7	5.0 -	1.77	0.33 +	5.30	1196.	61.	1.
525	0000	-223	37.2665	81.8209	PPNG	0.9	1.7	5.0	1.81 +	0.33 +	5.43	1203.	60.	1.
526	0000	-220	37.2669	81.8208	PPNG	1.0	1.7	5.1	1.72	0.33 +	5.29	1218.	59.	1.
527	0000	-228	37.2674	81.8208	PPNG	1.0	1.5	5.4	1.50	0.28	5.36	1240.	58.	1.
528	0000	-229	37.2679	81.8208	PPNG	1.0	1.5	5.5	1.53	0.28	5.56	1239.	58.	0.
529	0000	-225	37.2684	81.8208	PPNG	1.0	1.4	5.6	1.51	0.26	5.91	1239.	56.	0.
530	0000	-226	37.2689	81.8208	PPNG	0.9	1.4	5.9	1.61	0.24	6.60 +	1233.	55.	0.
531	0000	-225	37.2694	81.8208	PPNG	0.9	1.5	6.4	1.65	0.23	7.05 ++	1253.	54.	0.
532	0000	-222	37.2699	81.8207	PPNG	0.9	1.4	6.4	1.46	0.21	6.91 ++	1277.	54.	1.
533	0000	-216	37.2704	81.8207	PPNG	1.0	1.4	6.7	1.42	0.21	6.90 ++	1324.	53.	2.
534	0000	-220	37.2708	81.8207	PPNG	1.0	1.4	6.6	1.37	0.22	6.37 +	1358.	53.	2.
535	0000	-224	37.2713	81.8207	PPNG	1.1	1.2	6.4	1.14	0.19 -	6.12	1382.	54.	3.
536	0000	-222	37.2718	81.8207	PPNG	1.1	1.3	6.4	1.22	0.21	5.79	1437.	55.	3.
537	0000	-224	37.2723	81.8207	PPNG	1.2	1.4	6.5	1.18	0.21	5.60	1468.	55.	4.
538	0000	-221	37.2728	81.8206	PPNG	1.2	1.2	6.7	1.03 -	0.18 -	5.72	1497.	55.	5.
539	0000	-211	37.2733	81.8206	PPNG	1.2	1.5	6.5	1.27	0.23	5.53	1524.	54.	5.
540	0000	-214	37.2737	81.8206	PPNG	1.2	1.6	6.4	1.38	0.25	5.53	1532.	57.	5.
541	0000	-215	37.2743	81.8205	PPNG	1.0	1.8	6.3	1.71	0.28	6.17 +	1528.	55.	6.
542	0000	-213	37.2747	81.8205	PPNG	1.0	1.8	6.6	1.77	0.28	6.41 +	1550.	55.	6.
543	0000	-219	37.2752	81.8205	PPNG	1.0	1.8	6.4	1.81 +	0.29	6.26 +	1543.	56.	7.
544	0000	-220	37.2757	81.8204	PPNG	1.0	1.8	6.1	1.72	0.29	5.95	1535.	56.	6.
545	0000	-221	37.2762	81.8205	PPNG	1.1	1.8	5.8	1.71	0.31	5.45	1526.	58.	6.
546	0000	-222	37.2767	81.8205	PPNG	1.1	1.8	6.3	1.61	0.28	5.81	1520.	58.	5.
547	0000	-211	37.2772	81.8204	PPNG	1.1	1.5	6.6	1.29	0.22	5.81	1515.	57.	4.
548	0000	-213	37.2777	81.8204	PPNG	1.2	1.4	6.8	1.15	0.21	5.56	1537.	59.	3.
549	0000	-219	37.2781	81.8204	PPNG	1.3	1.7	6.9	1.31	0.24	5.38	1577.	59.	3.
550	0000	-218	37.2786	81.8203	PPNG	1.4	1.6	7.3	1.15	0.22	5.27	1609.	60.	2.
551	0000	-220	37.2791	81.8203	PPK	1.4	1.7	7.4	1.20	0.22	5.37	1627.	61.	1.
552	0000	-224	37.2795	81.8203	PPK	1.4	1.8	7.4	1.28	0.24	5.32	1655.	62.	1.
553	0000	-223	37.2800	81.8202	PPK	1.4	1.8	7.6 +	1.25	0.23	5.41	1673.	62.	2.
554	0000	-225	37.2805	81.8202	PPK	1.4	2.0	7.5	1.42	0.26	5.41	1686.	63.	2.
555	0000	-225	37.2809	81.8202	PPK	1.3	2.1	7.2	1.54	0.29	5.38	1657.	63.	3.
556	0000	-218	37.2814	81.8201	PPK	1.3	1.9	7.3	1.47	0.26	5.70	1627.	61.	3.
557	0000	-213	37.2818	81.8201	PPK	1.2	1.9	7.6 +	1.49	0.24	6.14	1624.	59.	3.
558	0000	-210	37.2823	81.8201	PPK	1.2	1.9	8.0 +	1.53	0.24	6.48 +	1640.	56.	3.
559	0000	-210	37.2827	81.8200	PPK	1.2	1.8	8.2 +	1.45	0.22	6.72 +	1636.	55.	3.
560	0000	-209	37.2832	81.8200	PPK	1.2	1.7	7.9 +	1.37	0.21	6.47 +	1622.	55.	3.
561	0000	-213	37.2837	81.8199	PPK	1.3	1.6	7.6 +	1.25	0.21	6.02	1585.	54.	4.

CP 9 IP 12

CP 9 IP 12

FLIGHT LINE 820, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-217	37.2841	81.8199	PPNR	1.3 +	1.4	7.7 +	1.05 -	0.18 -	5.85	1564.	51.	3.
563	0000	-213	37.2846	81.8198	PPNR	1.3 +	1.4	7.4	1.15 -	0.20 -	5.86	1526.	49.	4.
564	0000	-213	37.2850	81.8198	PPNR	1.3 +	1.4	6.6	1.10 -	0.21 -	5.31 -	1494.	48.	4.
565	0000	-214	37.2856	81.8198	PPNR	1.3 +	1.2	6.1	0.97 -	0.20 -	4.79 -	1470.	48.	5.
566	0000	-209	37.2860	81.8197	PPNR	1.2 +	1.4	6.0	1.16 -	0.24	4.81 -	1461.	45.	4.
567	0000	-208	37.2865	81.8196	PPNR	1.3 +	1.4	5.9	1.14 -	0.24	4.68 -	1467.	43.	5.
568	0000	-210	37.2869	81.8196	PPNR	1.3 +	1.7	6.4	1.34	0.27	5.04 -	1523.	43.	4.
569	0000	-211	37.2874	81.8196	PPNR	1.3 +	1.8	6.4	1.37	0.28	4.87 -	1609.	45.	5.
570	0000	-211	37.2879	81.8196	PPNR	1.4 +	1.8	6.6	1.31 -	0.27	4.76 -	1664.	48.	5.
571	0000	-210	37.2883	81.8195	PPNR	1.4 +	1.9	6.7	1.37	0.28	4.90 -	1691.	50.	6.
572	0000	-211	37.2888	81.8195	PPNR	1.4 +	1.8	6.9	1.32 -	0.26	5.10 -	1709.	50.	7.
573	0000	-212	37.2892	81.8195	PPNR	1.4 +	1.7	6.7	1.23 -	0.26	4.78 -	1718.	52.	8.
574	0000	-211	37.2897	81.8194	PPNR	1.4 +	1.8	6.9	1.33	0.27	4.98 -	1722.	52.	8.
575	0000	-208	37.2902	81.8194	PPNR	1.3 +	1.7	6.9	1.32 -	0.25	5.26 -	1712.	52.	9.
576	0000	-208	37.2906	81.8194	PPNR	1.3 +	1.7	7.0	1.35	0.24	5.58	1711.	53.	9.
577	0000	-212	37.2911	81.8192	PPNR	1.3 +	1.6	7.2	1.19 -	0.22	5.47	1734.	50.	9.
578	0000	-214	37.2915	81.8192	PPNR	1.3 +	1.7	7.5 +	1.26 -	0.22	5.62	1763.	48.	9.
579	0000	-209	37.2920	81.8192	PPNR	1.3 +	1.8	7.5 +	1.37	0.24	5.71	1775.	48.	8.
580	0000	-206	37.2925	81.8191	PPNR	1.3 +	1.7	7.6 +	1.31 -	0.23	5.77	1783.	50.	7.
581	0000	-208	37.2930	81.8191	PPNR	1.3 +	1.8	7.8 +	1.36	0.24	5.79	1789.	50.	6.
582	0000	-214	37.2935	81.8191	PPNR	1.4 +	1.7	7.6 +	1.26 -	0.23	5.53	1765.	50.	6.
583	0000	-213	37.2939	81.8191	PPNR	1.3 +	1.8	7.5 +	1.35	0.24	5.56	1706.	52.	4.
584	0000	-212	37.2944	81.8190	PPNR	1.3 +	2.1	7.2	1.65	0.29	5.74	1670.	53.	3.
585	0000	-217	37.2948	81.8189	PPNR	1.3 +	2.1	7.0	1.65	0.30	5.58	1641.	54.	2.
586	0000	-222	37.2953	81.8190	PPNR	1.3 +	2.3 +	6.8	1.84	0.34	5.34 -	1636.	52.	1.
587	0000	-223	37.2957	81.8188	PPNR	1.2	2.4 +	6.9	1.98	0.35	5.64	1620.	49.	1.
588	0000	-228	37.2962	81.8188	PPNR	1.2	2.5 +	6.9	2.00	0.36	5.60	1613.	48.	1.
589	0000	-225	37.2967	81.8188	PPNR	1.2	2.4 +	6.8	2.03	0.36	5.64	1598.	49.	1.
590	0000	-219	37.2971	81.8187	PPNR	1.1	2.3 +	6.7	2.04	0.35	5.85	1574.	49.	1.
591	0000	-224	37.2976	81.8187	PPNR	1.1	2.1	6.7	1.81	0.31	5.84	1535.	47.	2.
592	0000	-229	37.2980	81.8187	PPNR	1.1	2.0	6.4	1.87	0.32	5.84	1467.	48.	3.
593	0000	-233	37.2985	81.8186	PPNR	1.0	1.7	6.5	1.63	0.25	6.42	1408.	49.	5.
594	0000	-237	37.2990	81.8186	PPNR	1.0	1.5	6.4	1.44	0.23	6.16	1397.	51.	6.
595	0000	-233	37.2995	81.8185	PPNR	1.0	1.2	6.4	1.19 -	0.19 -	6.36	1385.	52.	7.
596	0000	-230	37.2999	81.8186	PPNR	1.1	1.3	6.6	1.19 -	0.19 -	6.29	1424.	51.	8.
597	0000	-239	37.3004	81.8185	PPNR	1.1	1.4	6.7	1.22 -	0.21 -	5.85	1502.	49.	9.
598	0000	-242	37.3009	81.8184	PPNR	1.2	1.5	6.8	1.28 -	0.22	5.76	1559.	50.	9.
599	0000	-236	37.3013	81.8184	PPNR	1.2	1.4	7.1	1.16 -	0.20 -	5.74	1621.	49.	9.
600	0000	-238	37.3018	81.8184	PPNR	1.3 +	1.6	7.3	1.23 -	0.22	5.68	1682.	48.	8.
601	0000	-241	37.3022	81.8184	PPNR	1.3 +	1.7	7.2	1.32 -	0.24	5.47	1709.	48.	9.
602	0000	-240	37.3027	81.8183	PPNR	1.4 +	1.9	7.5 +	1.40	0.25	5.54	1770.	47.	8.
603	0000	-246	37.3032	81.8183	PPNR	1.4 +	1.8	7.8 +	1.37	0.24	5.78	1783.	48.	7.
604	0000	-248	37.3036	81.8183	PPNR	1.3 +	1.7	7.9 +	1.34	0.22	6.12	1753.	47.	7.
605	0000	-244	37.3041	81.8181	PPNR	1.3 +	1.6	7.8 +	1.23 -	0.21 -	5.99	1746.	49.	7.
606	0000	-253	37.3045	81.8181	PPNR	1.3 +	1.9	8.0 +	1.44	0.24	6.01	1783.	51.	6.
607	0000	-259	37.3050	81.8181	PPNR	1.3 +	2.2	7.8 +	1.67	0.28	5.94	1798.	53.	5.
608	0000	-253	37.3055	81.8180	PPNR	1.3 +	2.1	8.1 +	1.57	0.25	6.18	1800.	52.	3.
609	0000	-257	37.3059	81.8180	PPNR	1.3 +	2.3 +	7.3	1.79	0.31	5.70	1738.	52.	3.
610	0000	-267	37.3064	81.8180	PPNR	1.2	2.3 +	6.7	1.87	0.35	5.42	1674.	53.	2.
611	0000	-266	37.3069	81.8179	PPNR	1.3 +	2.3 +	6.5	1.81	0.35	5.20 -	1639.	55.	2.
612	0000	-268	37.3074	81.8179	PPNR	1.3 +	2.3 +	6.4	1.86	0.37	5.07 -	1593.	54.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-270	37.3078	81.8179	PPNR	1.2	2.2	5.8	1.87	0.38 +	4.91 -	1493.	51.	0.
614	0000	-267	37.3083	81.8179	PPNR	1.1	1.9	5.4	1.70	0.36	4.76 -	1397.	50.	0.
615	0000	-269	37.3087	81.8178	PPNR	1.1	1.9	4.6	1.82	0.42 +	4.32 --	1306.	50.	0.
616	0000	-274	37.3092	81.8177	PPNR	1.0	1.6	4.4 -	1.61	0.36	4.46 --	1236.	52.	1.
617	0000	-275	37.3097	81.8177	PPNR	1.0	1.4	4.4 -	1.42	0.32	4.49 -	1197.	52.	2.
618	0000	-276	37.3101	81.8177	PPNR	1.0	1.3	4.0 -	1.31 -	0.31	4.23 --	1146.	50.	3.
619	0000	-276	37.3106	81.8177	PPNR	0.9	1.1 -	4.2 -	1.29 -	0.27	4.84 -	1110.	49.	5.
620	0000	-280	37.3110	81.8176	PPNR	0.8	1.0 -	4.5 -	1.16 -	0.21 -	5.51	1098.	50.	6.
621	0000	-284	37.3115	81.8176	PPNR	0.9	0.7 -	4.8	0.79 --	0.14 --	5.63	1101.	52.	8.
622	0000	-286	37.3119	81.8176	PPNR	0.9	0.5 --	4.9	0.57 ---	0.10 ---	5.73	1104.	52.	10.
623	0000	-284	37.3124	81.8174	PPNR	0.8	0.5 --	4.8	0.57 ---	0.10 ---	5.80	1099.	49.	10.
624	0000	-286	37.3129	81.8174	PPNR	0.8	0.6 --	4.8	0.77 --	0.13 --	6.00	1098.	49.	11.
625	0000	-289	37.3133	81.8174	PPNR	0.8	0.6 --	4.9	0.73 --	0.12 ---	6.09	1105.	50.	11.
626	0000	-288	37.3138	81.8173	PPNR	0.9	0.7 -	4.9	0.78 --	0.14 --	5.70	1125.	51.	10.
627	0000	-290	37.3143	81.8173	PPNR	0.9	0.7 -	5.1	0.70 --	0.13 --	5.36 -	1164.	51.	10.
628	0000	-293	37.3147	81.8173	PPNR	1.0	1.0 -	5.0	0.97 -	0.19 -	4.99 -	1197.	51.	8.
629	0000	-294	37.3152	81.8172	PPNR	1.0	1.2	5.4	1.16 -	0.22	5.25 -	1241.	52.	6.
630	0000	-295	37.3157	81.8172	PPNR	1.1	1.4	5.8	1.27 -	0.24	5.30 -	1302.	51.	5.
631	0000	-294	37.3161	81.8172	PPNR	1.1	1.6	5.9	1.39	0.27	5.18 -	1352.	49.	4.
632	0000	-296	37.3166	81.8172	PPNR	1.2 +	1.8	6.0	1.46	0.30	4.86 -	1439.	48.	4.
633	0000	-302	37.3170	81.8170	PPNR	1.4 +	1.7	6.7	1.23 -	0.25	4.89 -	1528.	50.	4.
634	0000	-300	37.3175	81.8170	PPNR	1.4 +	1.6	7.3	1.16 -	0.23	5.12 -	1646.	50.	4.
635	0000	-300	37.3180	81.8170	PPNR	1.4 +	1.5	7.7 +	1.06 -	0.19 -	5.46	1676.	51.	5.
636	0000	-306	37.3184	81.8169	PPNR	1.4 +	1.5	8.4 +	1.02 -	0.17 -	5.85	1704.	48.	5.
637	0000	-307	37.3189	81.8169	PPNR	1.4 +	1.4	8.2 +	0.94 --	0.17 -	5.70	1709.	53.	7.
638	0000	-308	37.3194	81.8169	PPNR	1.5 +	1.0 -	8.1 +	0.69 --	0.13 --	5.39 -	1708.	55.	8.
639	0000	-311	37.3198	81.8168	PPNR	1.4 +	0.8 -	8.1 +	0.55 ---	0.09 ---	5.85	1656.	55.	9.
640	0000	-310	37.3203	81.8168	PPNR	1.3 +	1.1 -	7.5 +	0.85 --	0.15 --	5.78	1597.	52.	8.
641	0000	-311	37.3208	81.8168	PPNR	1.2	1.2	6.6	0.97 -	0.18 -	5.42	1494.	51.	8.
642	0000	-318	37.3212	81.8167	PPNR	1.2	1.4	5.9	1.17 -	0.24	4.97 -	1479.	50.	8.
643	0000	-321	37.3217	81.8167	PPNR	1.1	1.4	5.6	1.21 -	0.24	4.98 -	1497.	46.	8.
644	0000	-316	37.3222	81.8166	PPNR	1.2	1.2	6.0	1.06 -	0.20 -	5.20 -	1526.	42.	8.
645	0000	-323	37.3226	81.8166	PPNR	1.2	1.4	6.6	1.19 -	0.21	5.60	1590.	41.	6.
646	0000	-333	37.3231	81.8166	PPNR	1.2	1.6	7.0	1.29 -	0.23	5.72	1644.	40.	5.
647	0000	-328	37.3235	81.8165	PPNR	1.2	1.5	6.9	1.25 -	0.22	5.66	1664.	42.	5.
648	0000	-325	37.3240	81.8165	PPNR	1.2 +	1.7	7.2	1.34	0.23	5.76	1692.	41.	5.
649	0000	-332	37.3245	81.8164	PPNR	1.3 +	1.7	7.7 +	1.27 -	0.22	5.87	1754.	41.	4.
650	0000	-336	37.3249	81.8163	PPNR	1.4 +	1.8	7.5 +	1.30 -	0.24	5.52	1755.	45.	4.
651	0000	-335	37.3254	81.8164	PPNR	1.3 +	1.9	7.8 +	1.41	0.24	5.82	1757.	45.	3.
652	0000	-337	37.3259	81.8163	PPNR	1.3 +	1.9	7.7 +	1.49	0.25	6.05	1719.	46.	3.
653	0000	-343	37.3263	81.8163	PPNR	1.3 +	1.9	7.4 +	1.47	0.25	5.86	1695.	46.	3.
654	0000	-346	37.3268	81.8162	PPNR	1.2 +	1.8	8.0 +	1.44	0.23	6.38	1703.	46.	3.
655	0000	-344	37.3272	81.8162	PPNR	1.3 +	1.6	8.0 +	1.21 -	0.20 -	6.05	1723.	49.	4.
656	0000	-345	37.3277	81.8162	PPNR	1.4 +	1.7	8.2 +	1.23 -	0.21 -	6.00	1745.	50.	4.
657	0000	-345	37.3282	81.8161	PPNR	1.4 +	1.9	8.1 +	1.35	0.23	5.86	1765.	51.	4.
658	0000	-346	37.3287	81.8161	PPNR	1.4 +	2.1	7.7 +	1.46	0.27	5.47	1758.	54.	4.
659	0000	-354	37.3291	81.8161	PPNR	1.4 +	2.0	7.8 +	1.42	0.26	5.44	1773.	52.	4.
660	0000	-359	37.3296	81.8160	PPNR	1.4 +	2.1	7.9 +	1.50	0.27	5.62	1783.	55.	5.
661	0000	-357	37.3300	81.8160	PPNR	1.4 +	2.3 +	7.5 +	1.61	0.31	5.27 -	1803.	53.	5.
662	0000	-357	37.3305	81.8159	PPNR	1.4 +	2.4 +	7.4	1.76	0.33	5.38 -	1797.	52.	5.
663	0000	-363	37.3310	81.8159	PPNR	1.3 +	2.4 +	7.3	1.84	0.33	5.62	1750.	51.	5.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-366	37.3314	81.8159	PPNR	1.3 +	2.1	7.3	1.66	0.29	5.69	1729.	51.	5.
665	0000	-361	37.3319	81.8158	PPNR	1.2	2.0	7.3	1.67	0.28	5.97	1710.	48.	5.
666	0000	-360	37.3323	81.8158	PPNR	1.2	2.0	6.9	1.71	0.30	5.77	1664.	48.	6.
667	0000	-370	37.3328	81.8157	PPNR	1.2	2.0	6.4	1.68	0.31	5.35 -	1621.	47.	6.
668	0000	-376	37.3333	81.8157	PPNR	1.2	1.8	6.5	1.47	0.27	5.37 -	1567.	49.	6.
669	0000	-373	37.3337	81.8157	PPNR	1.2	1.6	6.6	1.32 -	0.24	5.41	1526.	49.	6.
670	0000	-375	37.3342	81.8156	PPNR	1.3 +	1.4	6.3	1.12 -	0.23	4.95 -	1501.	51.	7.
671	0000	-376	37.3347	81.8156	PPNR	1.3 +	1.3	6.1	1.01 -	0.21 -	4.77 -	1469.	51.	7.
672	0000	-376	37.3352	81.8155	PPNR	1.3 +	1.1 -	6.1	0.83 --	0.18 -	4.64 -	1452.	54.	7.
673	0000	-377	37.3356	81.8155	PPNR	1.3 +	1.3	6.3	0.98 -	0.20 -	4.85 -	1460.	56.	6.
674	0000	-377	37.3361	81.8155	PPNR	1.3 +	1.3	6.8	0.97 -	0.19 -	5.10 -	1495.	56.	6.
675	0000	-383	37.3365	81.8154	PPNR	1.3 +	1.5	6.7	1.14 -	0.23	4.98 -	1539.	56.	6.
676	0000	-383	37.3370	81.8154	PPNR	1.5 +	1.6	7.0	1.12 -	0.24	4.77 -	1655.	57.	6.
677	0000	-378	37.3374	81.8154	PPNR	1.4 +	1.7	7.5 +	1.21 -	0.23	5.32 -	1730.	56.	6.
678	0000	-382	37.3379	81.8152	PPNR	1.4 +	1.9	7.6 +	1.33	0.25	5.33 -	1793.	54.	6.
679	0000	-391	37.3384	81.8153	PPNR	1.5 +	1.9	7.8 +	1.28 -	0.24	5.27 -	1824.	53.	6.
680	0000	-392	37.3388	81.8152	PPNR	1.5 +	1.9	7.5 +	1.27 -	0.26	4.93 -	1845.	53.	6.
681	0000	-386	37.3393	81.8152	PPNR	1.5 +	2.0	7.1	1.31 -	0.28	4.68 -	1847.	53.	5.
682	0000	-383	37.3397	81.8152	PPNR	1.5 +	2.1	6.9	1.41	0.31	4.57 -	1828.	52.	5.
683	0000	-387	37.3402	81.8151	PPNR	1.4 +	2.1	6.7	1.50	0.31	4.84 -	1735.	50.	4.
684	0000	-388	37.3407	81.8151	PPNR	1.4 +	2.0	6.2	1.45	0.32	4.49 -	1655.	51.	3.
685	0000	-388	37.3411	81.8150	PPNR	1.3 +	1.9	6.3	1.46	0.31	4.72 -	1590.	51.	2.
686	0000	-391	37.3416	81.8150	PPNR	1.2	2.1	5.9	1.75	0.36	4.82 -	1543.	52.	1.
687	0000	-387	37.3421	81.8150	PPNR	1.1	2.0	5.8	1.76	0.35	5.06 -	1468.	51.	1.
688	0000	-389	37.3425	81.8149	PPNR	1.1	1.8	5.9	1.70	0.31	5.47	1386.	51.	1.
689	0000	-393	37.3430	81.8149	PPNR	1.0	1.7	5.9	1.63	0.28	5.84	1326.	52.	1.
690	0000	-391	37.3435	81.8148	PPNR	0.9	1.7	5.7	1.78	0.29	6.04	1266.	53.	0.
691	0000	-395	37.3439	81.8147	PPNR	0.9	1.7	5.5	1.98	0.31	6.29	1214.	52.	0.
692	0000	-400	37.3444	81.8147	PPNR	0.8	1.7	5.1	2.09	0.34	6.08	1159.	53.	0.
693	0000	-398	37.3448	81.8147	PPK	0.8 -	1.7	5.0	2.13 +	0.34	6.23 +	1127.	56.	0.
694	0000	-398	37.3453	81.8147	PPK	0.8 -	1.6	5.0	1.97 +	0.32	6.15	1120.	57.	0.
695	0000	-401	37.3458	81.8147	PPK	0.8 -	1.7	4.7	2.13 +	0.37 +	5.72	1123.	57.	0.
696	0000	-399	37.3462	81.8146	PPK	0.8 -	1.6	4.4 -	1.94 +	0.35 +	5.49	1105.	56.	0.
697	0000	-399	37.3467	81.8146	PPK	0.8 -	1.5	4.4 -	1.80	0.34	5.32	1110.	56.	1.
698	0000	-405	37.3472	81.8145	PPK	0.9	1.6	4.2 -	1.82	0.37 +	4.91	1124.	58.	1.
699	0000	-408	37.3476	81.8144	PPK	0.9	1.5	4.5 -	1.70	0.33	5.17	1157.	58.	2.
700	0000	-405	37.3481	81.8144	PPK	0.9	1.3	4.6 -	1.42	0.29	4.96	1204.	58.	3.
701	0000	-406	37.3485	81.8144	PPNR	1.0	1.3	4.9	1.32 -	0.26	5.08 -	1268.	56.	5.
702	0000	-408	37.3490	81.8144	PPNR	1.0	1.1 -	5.5	1.19 -	0.21 -	5.66	1341.	54.	6.
703	0000	-407	37.3495	81.8143	PPNR	1.1	1.2	6.2	1.15 -	0.20 -	5.87	1424.	53.	7.
704	0000	-406	37.3500	81.8143	PPNR	1.1	1.3	6.6	1.14 -	0.20 -	5.77	1522.	53.	7.
705	0000	-407	37.3504	81.8143	PPNR	1.2	1.4	6.8	1.23 -	0.21	5.82	1591.	50.	7.
706	0000	-410	37.3509	81.8142	PPNR	1.3 +	1.6	7.0	1.26 -	0.23	5.54	1640.	51.	7.
707	0000	-412	37.3513	81.8141	PPNR	1.3 +	2.0	6.8	1.62	0.30	5.35 -	1670.	49.	6.
708	0000	-409	37.3518	81.8141	PPNR	1.3 +	2.3 +	6.8	1.75	0.34	5.09 -	1715.	49.	6.
709	0000	-412	37.3523	81.8140	PPNR	1.5 +	2.3	7.0	1.53	0.32	4.76 -	1771.	51.	6.
710	0000	-414	37.3527	81.8140	PPNR	1.5 +	2.1	7.2	1.43	0.29	4.84 -	1847.	50.	7.
711	0000	-412	37.3532	81.8140	PPNR	1.5 +	2.4 +	7.3	1.61	0.33	4.84 -	1847.	50.	8.
712	0000	-412	37.3537	81.8139	PPNR	1.5 ++	2.2	7.1	1.45	0.32	4.61 -	1858.	51.	9.
713	0000	-412	37.3541	81.8139	PPNR	1.5 +	2.5 +	7.2	1.64	0.35	4.75 -	1899.	48.	9.
714	0000	-413	37.3546	81.8139	PPNR	1.6 ++	2.2	7.8 +	1.38	0.28	4.95 -	1930.	47.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-415	37.3550	81.8139	PPNR	1.6 ++	2.0	7.8 +	1.23 -	0.25	4.83 -	1952.	47.	10.
716	0000	-413	37.3555	81.8138	PPNR	1.6 ++	2.4 +	7.4 +	1.51	0.32	4.76 -	1919.	48.	8.
717	0000	-411	37.3560	81.8137	PPNR	1.5 +	2.6 +	7.1	1.70	0.37	4.60 -	1856.	49.	6.
718	0000	-416	37.3565	81.8137	PPNR	1.5 +	2.3 +	6.8	1.58	0.34	4.61 -	1806.	51.	4.
719	0000	-416	37.3569	81.8137	PPNR	1.4 +	2.3 +	7.0	1.60	0.33	4.84 -	1767.	51.	3.
720	0000	-410	37.3574	81.8137	PPNR	1.4 +	2.0	7.0	1.40	0.28	4.93 -	1715.	52.	2.
721	0000	-412	37.3578	81.8136	PPNR	1.3 +	2.0	6.6	1.51	0.31	4.95 -	1660.	52.	1.
722	0000	-419	37.3583	81.8136	PPNR	1.2	2.0	6.5	1.69	0.31	5.37 -	1567.	51.	0.
723	0000	-418	37.3588	81.8136	PPNR	1.1	1.7	6.2	1.50	0.27	5.52	1473.	50.	1.
724	0000	-416	37.3592	81.8135	PPNR	1.0	1.6	5.9	1.52	0.26	5.76	1377.	51.	2.
725	0000	-416	37.3597	81.8134	PPNR	0.9	1.6	5.8	1.68	0.27	6.21	1311.	53.	3.
726	0000	-414	37.3601	81.8134	PPNR	0.8	1.6	5.9	1.85	0.27	6.96	1256.	50.	4.
727	0000	-414	37.3606	81.8133	PPNR	0.8	1.5	5.8	1.82	0.26	7.05	1195.	52.	4.
728	0000	-416	37.3611	81.8133	PPNR	0.8	1.4	5.6	1.75	0.25	7.03	1146.	55.	5.
729	0000	-415	37.3615	81.8133	PPNR	0.7	1.3	5.4	1.77	0.25	7.19	1137.	57.	6.
730	0000	-416	37.3620	81.8132	PPK	0.7 -	1.4	5.5	1.91	0.25	7.57 ++	1161.	57.	6.
731	0000	-419	37.3624	81.8132	PPK	0.8 -	1.5	5.6	1.92	0.27	7.11 +	1212.	57.	5.
732	0000	-421	37.3630	81.8132	PPK	0.8 -	1.4	5.7	1.71	0.24	7.03 +	1242.	55.	5.
733	0000	-423	37.3634	81.8132	PPK	0.9	1.4	5.5	1.59	0.25	6.27 +	1266.	57.	5.
734	0000	-424	37.3639	81.8131	PPNR	0.9	1.3	5.4	1.44	0.23	6.17	1287.	56.	5.
735	0000	-423	37.3643	81.8130	PPNR	0.9	1.3	5.4	1.46	0.24	6.08	1324.	54.	6.
736	0000	-421	37.3648	81.8130	PPNR	0.9	1.4	5.4	1.50	0.25	5.90	1341.	53.	6.
737	0000	-422	37.3652	81.8130	PPNR	1.0	1.4	5.8	1.42	0.24	5.87	1396.	52.	7.
738	0000	-421	37.3657	81.8129	PPNR	1.1	1.3	6.5	1.23 -	0.20 -	6.16	1466.	50.	7.
739	0000	-420	37.3662	81.8129	PPNR	1.2	1.8	7.2	1.43	0.24	5.86	1646.	50.	7.
740	0000	-423	37.3666	81.8129	PPNR	1.4 +	2.1	7.8 +	1.45	0.26	5.50	1816.	52.	8.
741	0000	-427	37.3671	81.8129	PPNR	1.5 +	2.7 +	8.3 +	1.75	0.33	5.35 -	1977.	51.	7.
742	0000	-426	37.3676	81.8128	PPNR	1.7 ++	2.7 +	9.0 ++	1.60	0.30	5.40 -	2097.	52.	7.
743	0000	-428	37.3680	81.8127	PPNR	1.8 ++	2.7 +	9.6 ++	1.53	0.28	5.41	2187.	52.	6.
744	0000	-427	37.3685	81.8127	PPNR	1.9 +++	2.9 ++	9.9 ++	1.56	0.29	5.32 -	2248.	53.	6.
745	0000	-423	37.3689	81.8126	PPNR	1.9 +++	3.0 ++	9.3 ++	1.60	0.32	5.00 -	2246.	55.	6.
746	0000	-422	37.3694	81.8126	PPNR	1.8 ++	2.5 +	9.0 ++	1.45	0.28	5.11 -	2139.	55.	5.
747	0000	-421	37.3699	81.8126	PPNR	1.7 ++	2.3	8.7 +	1.35	0.26	5.19 -	2050.	55.	5.
748	0000	-420	37.3703	81.8125	PPNR	1.6 ++	1.9	8.6 +	1.14 -	0.22	5.21 -	1984.	55.	6.
749	0000	-422	37.3708	81.8125	PPNR	1.6 ++	2.0	7.9 +	1.23 -	0.25	4.93 -	1927.	53.	6.
750	0000	-422	37.3713	81.8125	PPNR	1.6 ++	1.9	8.0 +	1.18 -	0.23	5.02 -	1880.	57.	6.
751	0000	-420	37.3717	81.8123	PPNR	1.6 ++	1.7	7.8 +	1.08 -	0.22	4.97 -	1847.	57.	7.
752	0000	-421	37.3722	81.8124	PPNR	1.6 ++	1.4	8.1 +	0.86 --	0.17 -	5.13 -	1859.	56.	8.
753	0000	-418	37.3727	81.8123	PPNR	1.6 ++	1.3	8.1 +	0.84 --	0.16 -	5.11 -	1857.	57.	9.
754	0000	-415	37.3731	81.8123	PPNR	1.5 +	1.4	8.5 +	0.94 --	0.16 -	5.70	1829.	53.	10.
755	0000	-416	37.3736	81.8122	PPNR	1.5 +	1.4	8.3 +	0.92 --	0.17 -	5.55	1810.	55.	10.
756	0000	-419	37.3740	81.8122	PPNR	1.5 +	1.2	8.8 ++	0.82 --	0.14 --	5.92	1815.	56.	11.
757	0000	-417	37.3745	81.8122	PPNR	1.5 +	1.3	8.5 +	0.88 --	0.15 --	5.69	1838.	52.	12.
758	0000	-420	37.3749	81.8121	PPNR	1.5 +	1.3	8.7 +	0.89 --	0.15 --	5.97	1835.	52.	11.
759	0000	-420	37.3754	81.8121	PPNR	1.4 +	1.6	8.6 +	1.10 -	0.18 -	5.98	1823.	50.	12.
760	0000	-416	37.3759	81.8121	PPNR	1.4 +	1.7	8.5 +	1.18 -	0.20 -	5.88	1821.	49.	11.
761	0000	-417	37.3763	81.8120	PPNR	1.5 +	1.6	8.0 +	1.06 -	0.19 -	5.46	1801.	51.	10.
762	0000	-421	37.3768	81.8120	PPNR	1.4 +	1.4	7.9 +	0.96 -	0.17 -	5.60	1744.	51.	10.
763	0000	-419	37.3773	81.8119	PPNR	1.3 +	1.5	7.6 +	1.16 -	0.20 -	5.87	1682.	50.	9.
764	0000	-417	37.3778	81.8119	PPNR	1.2	1.7	7.6 +	1.36	0.22	6.22	1608.	49.	7.
765	0000	-417	37.3782	81.8119	PPNR	1.2	1.7	7.0	1.46	0.24	6.07	1537.	50.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-420	37.3787	81.8118	PPNR	1.1	1.5	6.4	1.38	0.24	5.78	1455.	50.	6.
767	0000	-418	37.3791	81.8118	PPNR	1.0	1.4	5.9	1.31 -	0.23	5.67	1384.	51.	7.
768	0000	-413	37.3796	81.8117	PPNR	1.0	1.4	5.5	1.44	0.26	5.60	1364.	47.	8.
769	0000	-416	37.3801	81.8117	PPNR	1.0	1.6	5.6	1.56	0.28	5.60	1372.	44.	8.
770	0000	-417	37.3805	81.8117	PPNR	1.1	1.2	5.7	1.09 -	0.21 -	5.26 -	1396.	46.	10.
771	0000	-413	37.3810	81.8116	PPNR	1.1	1.0 -	6.0	0.87 --	0.16 -	5.45	1446.	47.	12.
772	0000	-412	37.3814	81.8116	PPNR	1.2	0.8 -	6.2	0.64 ---	0.13 --	5.10 -	1515.	46.	13.
773	0000	-408	37.3819	81.8115	PPNR	1.3 +	0.8 -	6.9	0.57 ---	0.11 ---	5.19 -	1629.	45.	13.
774	0000	-403	37.3824	81.8115	PPNR	1.5 +	1.1 -	7.3	0.73 --	0.15 --	4.90 -	1732.	44.	13.
775	0000	-401	37.3828	81.8115	PPNR	1.6 ++	1.4	7.7 +	0.93 --	0.19 -	4.96 -	1832.	46.	12.
776	0000	-395	37.3833	81.8114	PPNR	1.7 ++	1.7	8.5 +	1.04 -	0.20 -	5.10 -	1949.	48.	11.
777	0000	-393	37.3837	81.8114	PPNR	1.7 ++	2.1	8.9 ++	1.21 -	0.23	5.19 -	2056.	47.	10.
778	0000	-384	37.3842	81.8114	PPNR	1.8 ++	2.3 +	9.3 ++	1.30 -	0.25	5.18 -	2120.	45.	8.
779	0000	-367	37.3847	81.8115	PPNR	1.8 ++	2.6 +	9.3 ++	1.47	0.28	5.22 -	2148.	43.	7.
780	0000	-342	37.3852	81.8115	PPNR	1.8 ++	2.9 ++	9.1 ++	1.63	0.32	5.16 -	2142.	45.	5.
781	0000	-306	37.3856	81.8116	PPNR	1.8 ++	2.9 ++	9.1 ++	1.63	0.32	5.16 -	2168.	45.	4.
782	0000	-293	37.3861	81.8116	PPNR	1.9 +++	3.0 ++	9.8 ++	1.54	0.30	5.11 -	2217.	43.	3.
783	0000	-334	37.3866	81.8116	PPNR	1.9 +++	2.8 +	9.9 ++	1.48 -	0.28	5.28 -	2202.	43.	2.
784	0000	-385	37.3870	81.8117	PPNR	1.9 +++	2.5 +	9.2 ++	1.35	0.27	4.91 -	2144.	43.	2.
785	0000	-414	37.3875	81.8118	PPNR	1.9 +++	2.3	8.9 ++	1.16 -	0.25	4.59 -	2122.	45.	3.
786	0000	-422	37.3879	81.8118	PPNR	1.9 +++	2.4 +	8.8 ++	1.27 -	0.27	4.68 -	2103.	47.	2.
787	0000	-420	37.3884	81.8119	PPNR	1.8 ++	2.5 +	8.7 +	1.36	0.28	4.82 -	2058.	47.	2.
788	0000	-419	37.3889	81.8120	PPNR	1.7 ++	2.5 +	8.8 ++	1.44	0.28	5.14 -	1997.	46.	2.
789	0000	-420	37.3893	81.8120	PPNR	1.5 +	2.2	8.3 +	1.45	0.27	5.41 -	1893.	47.	2.
790	0000	-419	37.3898	81.8121	PPNR	1.5 +	2.2	7.7 +	1.46	0.29	4.96 -	1824.	49.	2.
791	0000	-420	37.3902	81.8121	PPNR	1.4 +	2.4 +	7.6 +	1.68	0.32	5.29 -	1775.	48.	2.
792	0000	-423	37.3907	81.8121	PPNR	1.3 +	2.5 +	7.1	1.86	0.35	5.33 -	1713.	47.	2.
793	0000	-421	37.3912	81.8122	PPNR	1.3 +	2.4 +	7.0	1.79	0.34	5.27 -	1670.	45.	2.
794	0000	-420	37.3917	81.8123	PPNR	1.3 +	2.1	7.1	1.60	0.30	5.40 -	1633.	47.	2.
795	0000	-419	37.3921	81.8123	PPNR	1.3 +	1.9	6.5	1.50	0.29	5.12 -	1591.	49.	3.
796	0000	-418	37.3926	81.8123	PPNR	1.3 +	1.7	6.1	1.37	0.29	4.81 -	1558.	49.	3.
797	0000	-419	37.3930	81.8125	PPNR	1.2	1.6	6.5	1.34	0.25	5.39 -	1519.	47.	3.
798	0000	-423	37.3935	81.8125	PPNR	1.2	1.5	6.4	1.25 -	0.24	5.27 -	1492.	48.	4.
799	0000	-423	37.3939	81.8125	PPNR	1.2	1.5	6.6	1.26 -	0.23	5.58	1469.	48.	4.
800	0000	-423	37.3944	81.8126	PPNR	1.1	1.3	6.5	1.16 -	0.20 -	5.77	1433.	48.	4.
801	0000	-424	37.3949	81.8126	PPNR	1.1	1.3	6.5	1.23 -	0.21 -	5.89	1423.	46.	4.
802	0000	-423	37.3953	81.8127	PPNR	1.1	1.2	6.8	1.12 -	0.18 -	6.37	1399.	46.	5.
803	0000	-424	37.3958	81.8128	PPNR	1.1	1.1 -	6.7	1.00 -	0.16 --	6.30	1362.	48.	5.
804	0000	-427	37.3962	81.8128	PPNR	1.0	1.0 -	6.2	0.96 -	0.16 -	5.87	1343.	48.	6.
805	0000	-426	37.3967	81.8129	PPNR	1.0	1.0 -	6.0	0.97 -	0.17 -	5.85	1327.	49.	6.
806	0000	-426	37.3972	81.8129	PPNR	1.0	1.0 -	5.8	0.95 -	0.17 -	5.77	1305.	50.	7.
807	0000	-427	37.3977	81.8130	PPNR	1.0	0.8 -	5.6	0.83 --	0.15 --	5.57	1281.	52.	7.
808	0000	-428	37.3981	81.8130	PPNR	1.0	0.8 -	5.4	0.87 --	0.16 --	5.54	1258.	52.	7.
809	0000	-428	37.3986	81.8130	PPNR	1.0	0.9 -	5.2	0.89 --	0.17 -	5.30 -	1237.	52.	8.
810	0000	-428	37.3990	81.8130	PPNR	1.0	1.0 -	5.5	1.01 -	0.18 -	5.64	1244.	51.	6.
811	0000	-426	37.3995	81.8132	PPNR	1.0	1.0 -	5.5	1.00 -	0.19 -	5.37 -	1250.	52.	6.
812	0000	-428	37.4000	81.8132	PPNR	1.0	1.3	5.4	1.25 -	0.23	5.41 -	1282.	52.	6.
813	0000	-429	37.4004	81.8132	PPNR	1.1	1.2	5.7	1.07 -	0.21 -	5.10 -	1332.	50.	5.
814	0000	-429	37.4009	81.8133	PPNR	1.2	1.3	5.6	1.12 -	0.24	4.67 -	1401.	49.	5.
815	0000	-432	37.4014	81.8133	PPNR	1.3 +	1.7	5.8	1.24 -	0.29	4.28 --	1515.	50.	4.
816	0000	-435	37.4018	81.8134	PPNR	1.4 +	2.1	6.4	1.45	0.33	4.44 --	1637.	50.	4.

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FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-431	37.4023	81.8135	PPNR	1.5 +	2.0	6.6	1.29 -	0.30	4.28 --	1706.	48.	4.
818	0000	-430	37.4027	81.8135	PPNR	1.5 +	2.1	6.9	1.38	0.31	4.60 -	1748.	48.	3.
819	0000	-432	37.4032	81.8136	PPNR	1.6 ++	2.0	7.2	1.30 -	0.29	4.54 -	1768.	47.	3.
820	0000	-432	37.4037	81.8137	PPNR	1.5 +	2.3	6.8	1.52	0.33	4.59 -	1740.	48.	3.
821	0000	-434	37.4042	81.8137	PPNR	1.4 +	2.2	7.0	1.55	0.31	4.97 -	1681.	47.	2.
822	0000	-433	37.4046	81.8137	PPNR	1.3 +	1.8	6.7	1.33	0.26	5.07 -	1576.	48.	2.
823	0000	-433	37.4051	81.8138	PPNR	1.2	1.4	6.0	1.13 -	0.23	4.95 -	1462.	49.	2.
824	0000	-437	37.4055	81.8138	PPNR	1.1	1.4	5.5	1.34	0.26	5.16 -	1379.	49.	3.
825	0000	-436	37.4060	81.8139	PPK	1.0	1.3	5.2	1.33	0.26	5.14	1319.	49.	4.
826	0000	-432	37.4065	81.8139	PPK	0.9	1.1	4.8	1.23	0.23	5.27	1245.	49.	4.
827	0000	-437	37.4069	81.8139	PPK	0.9	1.0 -	4.6 -	1.17	0.23	5.15	1202.	47.	5.
828	0000	-439	37.4074	81.8140	PPK	0.8 -	1.1	4.4 -	1.36	0.26	5.26	1170.	48.	5.
829	0000	-437	37.4078	81.8141	PPK	0.8 -	1.2	4.0 -	1.62	0.30	5.33	1133.	47.	5.
830	0000	-437	37.4083	81.8141	PPK	0.7 -	1.4	4.0 -	1.88	0.34	5.48	1111.	47.	5.
831	0000	-440	37.4088	81.8142	PPK	0.7 -	1.4	3.9 -	1.96 +	0.37 +	5.35	1104.	45.	4.
832	0000	-443	37.4092	81.8143	PPK	0.8 -	1.4	4.2 -	1.83	0.33	5.55	1098.	46.	3.
833	0000	-446	37.4097	81.8143	PPK	0.7 -	1.4	4.6 -	1.94 +	0.31	6.21	1108.	46.	2.
834	0000	-444	37.4101	81.8144	PPNR	0.7	1.5	5.0	2.03	0.29	6.98	1130.	45.	1.
835	0000	-444	37.4106	81.8144	PPNR	0.7	1.4	5.2	2.00	0.28	7.22	1158.	47.	1.
836	0000	-445	37.4111	81.8144	PPNR	0.8	1.7	5.7	2.23	0.30	7.46	1197.	48.	0.
837	0000	-446	37.4116	81.8145	PPNR	0.8	1.7	5.9	2.05	0.28	7.25	1240.	48.	1.
838	0000	-444	37.4120	81.8146	PPNR	0.8	1.7	6.2	1.99	0.27	7.37	1247.	54.	1.
839	0000	-441	37.4125	81.8146	PPNR	0.8	1.9	6.3	2.28	0.30	7.56	1285.	55.	1.
840	0000	-436	37.4129	81.8147	PPK	0.9	2.0	6.1	2.14 +	0.32	6.69 +	1319.	57.	2.
841	0000	-430	37.4134	81.8147	PPK	1.0	1.9	6.2	1.98 +	0.31	6.43 +	1360.	59.	2.
842	0000	-431	37.4138	81.8147	PPK	1.0	1.8	6.8	1.75	0.26	6.75 +	1414.	59.	2.
843	0000	-444	37.4143	81.8148	PPK	1.0	1.6	6.9	1.52	0.23	6.67 +	1436.	59.	3.
844	0000	-454	37.4148	81.8149	PPK	1.1	1.7	6.9	1.54	0.24	6.46 +	1448.	61.	3.
845	0000	-456	37.4152	81.8149	PPK	1.0	1.7	7.0	1.61	0.24	6.73 +	1469.	56.	3.
846	0000	-458	37.4157	81.8150	PPK	1.0	1.6	6.8	1.56	0.23	6.67 +	1437.	54.	3.
847	0000	-458	37.4162	81.8150	PPK	1.0	1.7	6.7	1.73	0.25	6.84 +	1402.	53.	2.
848	0000	-459	37.4166	81.8151	PPK	0.9	1.5	6.4	1.65	0.24	6.82 +	1348.	54.	2.
849	0000	-460	37.4171	81.8152	PPK	0.9	1.7	5.8	1.91	0.30	6.35 +	1291.	52.	2.
850	0000	-460	37.4176	81.8152	PPK	0.9	1.6	5.7	1.90	0.29	6.59 +	1249.	51.	1.
851	0000	-463	37.4180	81.8152	PPK	0.9	1.7	5.6	1.90	0.30	6.40 +	1245.	49.	1.
852	0000	-465	37.4185	81.8153	PPK	1.0	1.7	5.9	1.77	0.30	5.97	1281.	49.	1.
853	0000	-465	37.4190	81.8153	PPK	1.0	2.1	6.0	2.16 +	0.35	6.17	1354.	50.	1.
854	0000	-469	37.4194	81.8154	PPK	1.1	1.9	6.7	1.65	0.28	5.91	1458.	49.	1.
855	0000	-471	37.4199	81.8155	PPK	1.3	2.1	6.7	1.64	0.31	5.36	1535.	49.	1.
856	0000	-469	37.4203	81.8155	PPK	1.3	2.0	6.9	1.51	0.29	5.19	1602.	49.	2.
857	0000	-470	37.4208	81.8155	PPK	1.4	2.3 +	6.9	1.67	0.33	5.05	1648.	48.	2.
858	0000	-474	37.4213	81.8156	PPK	1.4	2.3 +	7.4	1.60	0.31	5.22	1688.	48.	3.
859	0000	-474	37.4217	81.8156	PPK	1.4	2.0	7.6 +	1.45	0.27	5.45	1704.	47.	3.
860	0000	-474	37.4222	81.8157	PPK	1.5 +	1.6	7.8 +	1.10	0.21	5.33	1677.	47.	4.
861	0000	-475	37.4226	81.8158	PPK	1.3	1.7	7.2	1.27	0.23	5.46	1605.	47.	3.
862	0000	-478	37.4231	81.8158	PPK	1.2	1.8	7.2	1.49	0.25	5.98	1560.	46.	3.
863	0000	-479	37.4236	81.8159	PPK	1.2	1.9	7.0	1.60	0.27	5.97	1546.	46.	2.
864	0000	-479	37.4241	81.8160	PPK	1.2	1.7	6.9	1.49	0.25	5.93	1544.	47.	2.
865	0000	-481	37.4245	81.8160	PPK	1.1	1.6	6.7	1.46	0.24	6.00	1526.	48.	1.
866	0000	-484	37.4250	81.8160	PPNR	1.1	1.9	6.3	1.74	0.30	5.87	1497.	50.	1.
867	0000	-483	37.4254	81.8161	PPNR	1.1	1.9	5.8	1.72	0.33	5.20 -	1515.	50.	1.

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FLIGHT LINE 820, DAY 294

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ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-484	37.4259	81.8161	PPNR	1.1	2.2	6.1	1.93	0.36	5.41 -	1549.	51.	1.
869	0000	-487	37.4264	81.8162	PPNR	1.2	1.9	6.7	1.62	0.29	5.62	1581.	51.	1.
870	0000	-486	37.4268	81.8162	PPNR	1.2	1.7	7.0	1.42	0.25	5.74	1591.	52.	2.
871	0000	-485	37.4273	81.8162	PPNR	1.2 +	1.8	7.4 +	1.44	0.24	5.99	1604.	52.	3.
872	0000	-490	37.4277	81.8163	PPNR	1.2	1.7	7.6 +	1.37	0.22	6.19	1592.	50.	4.
873	0000	-492	37.4282	81.8164	PPNR	1.2	1.5	7.8 +	1.25 -	0.19 -	6.46	1572.	49.	4.
874	0000	-490	37.4286	81.8164	PPNR	1.2	1.4	7.9 +	1.18 -	0.17 -	6.80	1539.	49.	5.
875	0000	-493	37.4291	81.8165	PPK	1.2	1.2	7.6 +	1.03	0.16 -	6.49 +	1525.	52.	5.
876	0000	-493	37.4296	81.8166	PPK	1.2	1.5	7.5	1.21	0.20	6.21	1557.	51.	5.
877	0000	-493	37.4300	81.8166	PPK	1.2	1.6	7.6 +	1.28	0.21	6.21	1591.	51.	4.
878	0000	-499	37.4305	81.8167	PPK	1.3	1.6	7.5	1.19	0.21	5.72	1647.	50.	4.
879	0000	-501	37.4310	81.8167	PPK	1.3	2.0	7.7 +	1.47	0.25	5.78	1701.	52.	3.
880	0000	-498	37.4315	81.8167	PPK	1.4	2.3 +	7.7 +	1.68	0.30	5.58	1774.	53.	2.
881	0000	-500	37.4319	81.8168	PPK	1.4	2.7 +	7.6 +	1.92	0.36 +	5.41	1826.	53.	1.
882	0000	-502	37.4324	81.8168	PPK	1.5 +	2.6 +	7.9 +	1.75	0.32	5.39	1872.	50.	0.
883	0000	-504	37.4328	81.8169	PPK	1.5 +	2.6 +	8.4 +	1.74	0.31	5.65	1861.	51.	0.
884	0000	-506	37.4333	81.8169	PPNR	1.5 +	2.7 +	8.1 +	1.80	0.33	5.45	1838.	51.	0.
885	0000	-507	37.4337	81.8170	PPNR	1.5 +	2.7 +	8.2 +	1.81	0.32	5.57	1812.	52.	0.
886	0000	-506	37.4342	81.8170	PPNR	1.5 +	2.4 +	8.1 +	1.55	0.29	5.30 -	1823.	51.	1.
887	0000	-506	37.4347	81.8171	PPNR	1.6 ++	2.2	8.3 +	1.42	0.27	5.27 -	1852.	51.	1.
888	0000	-511	37.4351	81.8171	PPNR	1.6 ++	2.0	8.5 +	1.26 -	0.24	5.29 -	1877.	51.	2.
889	0000	-512	37.4356	81.8172	PPNR	1.6 ++	1.9	8.3 +	1.18 -	0.23	5.17 -	1849.	53.	3.
890	0000	-509	37.4361	81.8173	PPNR	1.5 ++	1.8	7.7 +	1.19 -	0.24	4.98 -	1806.	54.	3.
891	0000	-512	37.4365	81.8173	PPNR	1.5 +	1.7	7.7 +	1.13 -	0.22	5.18 -	1767.	51.	4.
892	0000	-515	37.4370	81.8174	PPNR	1.4 +	1.5	7.4 +	1.07 -	0.20 -	5.32 -	1710.	50.	5.
893	0000	-516	37.4375	81.8174	PPK	1.3	1.5	6.8	1.20	0.23	5.30	1634.	50.	6.
894	0000	-518	37.4379	81.8174	PPK	1.2	1.3	6.6	1.07	0.20	5.36	1520.	51.	6.
895	0000	-520	37.4384	81.8176	PPK	1.2	1.3	6.4	1.13	0.20	5.58	1442.	51.	6.
896	0000	-521	37.4389	81.8176	PPK	1.1	1.4	6.5	1.33	0.22	6.12	1401.	50.	6.
897	0000	-523	37.4393	81.8176	PPK	1.1	1.4	6.5	1.29	0.21	6.14	1386.	51.	6.
898	0000	-524	37.4398	81.8177	PPK	1.0	1.4	6.4	1.32	0.21	6.15	1377.	55.	5.
899	0000	-524	37.4402	81.8178	PPK	1.1	1.4	6.0	1.37	0.24	5.73	1361.	56.	4.
900	0000	-524	37.4407	81.8178	PPK	1.0	1.5	6.3	1.48	0.24	6.11	1356.	58.	3.
901	0000	-526	37.4412	81.8178	PPK	1.0	1.7	5.8	1.61	0.28	5.67	1371.	61.	3.
902	0000	-528	37.4416	81.8179	PPK	1.0	1.7	6.0	1.63	0.28	5.81	1374.	60.	2.
903	0000	-527	37.4421	81.8179	PPK	1.0	1.6	5.7	1.64	0.29	5.67	1359.	60.	2.
904	0000	-530	37.4425	81.8180	PPK	1.1	1.7	5.7	1.55	0.29	5.35	1365.	59.	2.
905	0000	-530	37.4430	81.8181	PPK	1.1	1.6	5.5	1.50	0.29	5.12	1350.	58.	3.
906	0000	-530	37.4435	81.8181	PPK	1.1	1.7	5.7	1.55	0.29	5.39	1348.	56.	3.
907	0000	-533	37.4440	81.8181	PPK	1.1	1.5	5.7	1.41	0.27	5.27	1341.	54.	4.
908	0000	-536	37.4444	81.8183	PPK	1.0	1.4	5.8	1.31	0.23	5.62	1343.	50.	5.
909	0000	-534	37.4449	81.8183	PPK	1.0	1.1	6.0	1.11	0.18 -	6.01	1343.	50.	6.
910	0000	-536	37.4454	81.8183	PPK	1.0	1.1	6.3	1.08	0.18 -	6.12	1363.	49.	7.
911	0000	-537	37.4458	81.8184	PPK	1.0	1.1	6.2	1.11	0.18 -	6.20	1374.	51.	8.
912	0000	-536	37.4463	81.8184	PPK	1.0	1.3	6.4	1.36	0.21	6.46 +	1411.	53.	8.
913	0000	-538	37.4467	81.8185	PPK	1.1	1.4	7.1	1.36	0.20	6.70 +	1491.	53.	7.
914	0000	-542	37.4472	81.8185	PPNR	1.2	1.5	7.7 +	1.32 -	0.20 -	6.68	1580.	53.	6.
915	0000	-543	37.4476	81.8186	PPNR	1.2	1.8	8.3 +	1.47	0.21	6.91	1612.	56.	4.
916	0000	-543	37.4481	81.8186	PPNR	1.3 +	2.1	8.1 +	1.61	0.26	6.26	1639.	55.	3.
917	0000	-543	37.4485	81.8186	PPNR	1.3 +	2.2	7.8 +	1.78	0.29	6.17	1626.	53.	2.
918	0000	-545	37.4490	81.8187	PPNR	1.2 +	2.2	7.6 +	1.77	0.29	6.11	1602.	53.	1.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES FOTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-547	37.4495	81.8188	PPNR	1.2 +	2.1	7.3	1.70	0.29	5.90	1558.	52.	0.
920	0000	-545	37.4499	81.8188	PPNR	1.2	1.9	6.8	1.65	0.29	5.79	1470.	51.	0.
921	0000	-542	37.4504	81.8188	PPNR	1.	1.8	5.9	1.72	0.31	5.51	1361.	51.	0.
922	0000	-545	37.4509	81.8190	PPNR	1.0	1.7	5.1	1.65	0.33	4.98 -	1297.	48.	0.
923	0000	-546	37.4514	81.8190	PPNR	1.0	1.5	4.9	1.57	0.31	5.02 -	1242.	50.	0.
924	0000	-547	37.4518	81.8190	PPNR	1.0	1.4	4.8	1.38	0.29	4.70 -	1247.	51.	1.
925	0000	-548	37.4523	81.8191	PPNR	1.0	1.4	5.1	1.38	0.28	5.01 -	1275.	48.	2.
926	0000	-550	37.4527	81.8191	PPNR	1.0	1.5	5.1	1.41	0.29	4.94 -	1316.	48.	3.
927	0000	-550	37.4532	81.8192	PPNR	1.1	1.6	5.1	1.48	0.31	4.78 -	1391.	50.	5.
928	0000	-550	37.4537	81.8193	PPNR	1.2	1.6	5.8	1.41	0.28	5.03 -	1497.	51.	7.
929	0000	-549	37.4541	81.8193	PPNR	1.3 +	1.4	6.1	1.03 -	0.22	4.65 -	1633.	51.	10.
930	0000	-549	37.4546	81.8194	PPNR	1.3 +	1.3	6.2	1.00 -	0.22	4.61 -	1711.	48.	12.
931	0000	-550	37.4550	81.8194	PPNR	1.4 +	1.1 -	6.8	0.79 --	0.16 -	4.82 -	1743.	48.	13.
932	0000	-550	37.4555	81.8195	PPNR	1.5 +	0.8 -	6.8	0.52 ---	0.11 ---	4.72 -	1770.	46.	15.
933	0010	-549	37.4560	81.8195	PPNR	1.5 +	0.5 N.A.	7.4 +	0.32 N.A.	0.07 N.A.	4.82 -	1831.	46.	15.
934	0010	-551	37.4564	81.8196	PPNR	1.6 ++	0.4 N.A.	7.9 +	0.27 N.A.	0.05 N.A.	5.08 -	1842.	45.	16.
935	0010	-552	37.4569	81.8196	PPNR	1.6 ++	0.2 N.A.	7.9 +	0.15 N.A.	0.03 N.A.	4.97 -	1840.	45.	16.
936	0010	-549	37.4574	81.8197	PPNR	1.6 ++	0.5 N.A.	8.5 +	0.29 N.A.	0.05 N.A.	5.42	1819.	45.	15.
937	0000	-548	37.4579	81.8197	PPNR	1.5 +	0.7 -	8.7 +	0.48 ---	0.08 ---	5.65	1802.	46.	13.
938	0000	-547	37.4583	81.8197	PPNR	1.5 +	1.1 -	8.6 +	0.74 --	0.13 --	5.76	1818.	45.	12.
939	0000	-546	37.4588	81.8198	PPNR	1.4 +	1.6	8.4 +	1.11 -	0.19 -	5.90	1795.	48.	10.
940	0000	-546	37.4592	81.8199	PPNR	1.4 +	1.6	8.4 +	1.20 -	0.19 -	6.18	1715.	47.	8.
941	0000	-545	37.4597	81.8199	PPNR	1.3 +	1.6	7.8 +	1.24 -	0.20 -	6.11	1652.	46.	7.
942	0000	-542	37.4601	81.8200	PPNR	1.2	2.0	7.7 +	1.75	0.26	6.65	1595.	43.	4.
943	0000	-540	37.4606	81.8201	PPNR	1.1	2.1	7.3	1.90	0.28	6.80	1516.	43.	3.
944	0000	-540	37.4611	81.8201	PPNR	1.0	2.0	7.3	1.93	0.27	7.01	1512.	43.	2.
945	0000	-542	37.4615	81.8201	PPNR	1.0	2.1	7.1	2.10	0.30	6.98	1516.	47.	1.
946	0000	-545	37.4620	81.8202	PPNR	1.1	1.8	8.0 +	1.61	0.23	6.98	1562.	46.	1.
947	0000	-551	37.4624	81.8202	PPNR	1.2	2.0	8.6 +	1.66	0.23	7.26	1632.	47.	1.
948	0000	-553	37.4629	81.8203	PPNR	1.4 +	1.8	9.3 ++	1.36	0.20 -	6.86	1757.	48.	2.
949	0000	-553	37.4633	81.8203	PPNR	1.4 +	1.6	9.2 ++	1.11 -	0.17 -	6.46	1798.	50.	3.
950	0000	-554	37.4639	81.8203	PPNR	1.4 +	1.6	9.0 ++	1.12 -	0.18 -	6.26	1828.	51.	5.
951	0000	-553	37.4643	81.8203	PPNR	1.5 +	1.4	8.6 +	0.91 --	0.16 -	5.60	1850.	50.	7.
952	0000	-550	37.4648	81.8202	PPNR	1.6 ++	1.1 -	8.5 +	0.72 --	0.13 --	5.44	1845.	49.	9.
953	0000	-549	37.4652	81.8203	PPNR	1.6 ++	1.2	8.3 +	0.75 --	0.14 --	5.30 -	1884.	47.	12.
954	0000	-550	37.4657	81.8202	PPNR	1.6 ++	1.3	8.1 +	0.78 --	0.16 --	4.97 -	1942.	48.	13.
955	0000	-551	37.4662	81.8202	PPNR	1.5 +	1.6	7.6 +	1.05 -	0.21 -	4.97 -	1901.	47.	14.
956	0000	-552	37.4667	81.8202	PPNR	1.5 +	1.7	7.5 +	1.12 -	0.23	4.86 -	1905.	46.	14.
957	0000	-551	37.4671	81.8201	PPNR	1.6 ++	1.6	7.7 +	1.04 -	0.21	4.90 -	1908.	45.	14.
958	0000	-553	37.4676	81.8201	PPNR	1.5 +	1.7	8.2 +	1.11 -	0.21 -	5.31 -	1896.	44.	12.
959	0000	-550	37.4681	81.8201	PPNR	1.5 +	1.7	8.5 +	1.12 -	0.20 -	5.56	1888.	42.	10.
960	0000	-548	37.4685	81.8201	PPNR	1.4 +	1.9	7.6 +	1.34	0.26	5.24 -	1821.	44.	9.
961	0000	-549	37.4690	81.8200	PPNR	1.4 +	1.9	6.9	1.33	0.27	4.99 -	1729.	43.	8.
962	0000	-549	37.4695	81.8200	PPNR	1.4 +	1.7	6.7	1.23 -	0.25	4.84 -	1687.	43.	7.
963	0000	-544	37.4700	81.8200	PPNR	1.4 +	1.6	7.2	1.10 -	0.22	4.99 -	1706.	45.	6.
964	0000	-545	37.4704	81.8200	PPNR	1.4 +	1.8	6.9	1.31 -	0.26	4.96 -	1737.	47.	6.
965	0000	-548	37.4709	81.8200	PPNR	1.5 +	1.7	7.0	1.13 -	0.24	4.66 -	1798.	48.	6.
966	0000	-545	37.4713	81.8199	PPNR	1.6 ++	2.0	6.9	1.25 -	0.29	4.39 --	1855.	49.	7.
967	0000	-540	37.4718	81.8199	PPNR	1.7 ++	2.1	7.5 +	1.28 -	0.28	4.49 -	1929.	49.	6.
968	0000	-541	37.4723	81.8198	PPNR	1.7 ++	2.2	7.7 +	1.35	0.29	4.66 -	1947.	51.	6.
969	0000	-542	37.4728	81.8198	PPNR	1.6 ++	2.2	7.7 +	1.33	0.28	4.69 -	1940.	49.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-542	37.4732	81.8198		PPNR	1.6 ++	2.2	7.5 +	1.37	0.29	4.69 -	1885.	48.	6.
971	0000	-542	37.4737	81.8198		PPNR	1.6 ++	2.1	7.5 +	1.29 -	0.27	4.72 -	1831.	45.	6.
972	0000	-543	37.4742	81.8198		PPNR	1.5 +	2.2	7.6 +	1.47	0.28	• 5.18 -	1767.	45.	5.
973	0000	-542	37.4746	81.8197		PPNR	1.5 +	1.8	7.4 +	1.26 -	0.25	5.10 -	1716.	46.	5.
974	0000	-540	37.4751	81.8197		PPK	1.4	1.5	7.3	1.14	0.21	5.40	1673.	45.	7.
975	0000	-539	37.4756	81.8196		PPK	1.4	1.6	7.5	1.11	0.21	5.36	1706.	46.	7.
976	0000	-538	37.4760	81.8196		PPK	1.4 +	1.5	8.2 +	1.07	0.19 -	5.77	1779.	47.	7.
977	0000	-537	37.4765	81.8196		PPK	1.6 +	1.4	8.4 +	0.89 -	0.17 -	5.38	1872.	49.	9.
978	0000	-531	37.4770	81.8196		PPK	1.7 +	1.6	8.8 +	0.94 -	0.18 -	5.29	2007.	52.	9.
979	0000	-528	37.4774	81.8196		PPNR	1.8 ++	1.6	9.1 ++	0.91 --	0.18 -	5.17 -	2107.	51.	10.
980	0000	-529	37.4779	81.8195		PPNR	1.8 ++	1.7	9.4 ++	0.95 --	0.18 -	5.31 -	2150.	50.	10.
981	0000	-533	37.4784	81.8195		PPNR	1.8 ++	1.6	9.5 ++	0.87 --	0.17 -	5.27 -	2159.	52.	9.
982	0000	-537	37.4789	81.8195		PPNR	1.8 ++	1.4	9.4 ++	0.77 --	0.15 --	5.25 -	2133.	50.	9.
983	0000	-537	37.4793	81.8195		PPNR	1.8 ++	1.4	8.9 ++	0.79 --	0.16 --	5.02 -	2091.	50.	9.
984	0000	-536	37.4798	81.8195		PPNR	1.7 ++	1.5	9.1 ++	0.86 --	0.16 -	5.36 -	2056.	49.	9.
985	0000	-538	37.4802	81.8194		PPNR	1.6 ++	1.3	9.0 ++	0.80 --	0.14 --	5.66	1961.	48.	9.
986	0000	-535	37.4807	81.8194		PPNR	1.5 +	1.1 -	8.4 +	0.76 --	0.14 --	5.59	1859.	48.	8.
987	0000	-532	37.4812	81.8194		PPNR	1.4 +	1.2	8.0 +	0.85 --	0.15 --	5.54	1785.	47.	8.
988	0000	-534	37.4817	81.8194		PPNR	1.4 +	1.3	7.6 +	0.94 --	0.17 -	5.44	1733.	45.	7.
989	0000	-534	37.4821	81.8194		PPNR	1.3 +	1.4	7.5 +	1.05 -	0.19 -	5.59	1693.	45.	6.
990	0000	-532	37.4826	81.8193		PPNR	1.3 +	1.4	7.3	1.11 -	0.20 -	5.65	1634.	47.	5.
991	0000	-533	37.4830	81,8193		PPNR	1.2	1.6	6.7	1.31 -	0.23	5.59	1554.	48.	4.
992	0000	-529	37.4835	81.8192		PPNR	1.2	1.5	6.7	1.30 -	0.23	5.64	1516.	48.	3.
993	0000	-528	37.4840	81.8192		PPNR	1.1	1.7	6.8	1.49	0.25	5.94	1498.	49.	3.
994	0000	-531	37.4845	81.8191		PPNR	1.1	1.8	7.0	1.62	0.26	6.22	1525.	49.	2.
995	0000	-531	37.4849	81.8191		PPNR	1.1	1.8	7.3	1.58	0.24	6.54	1543.	48.	2.
996	0000	-529	37.4854	81.8192		PPNR	1.1	1.7	7.2	1.46	0.23	6.38	1543.	49.	3.
997	0000	-529	37.4859	81.8191		PPNR	1.1	1.8	7.0	1.66	0.26	6.32	1549.	45.	3.
998	0000	-529	37.4863	81.8191		PPNR	1.1	1.8	7.4	1.62	0.24	6.77	1542.	45.	3.
999	0000	-529	37.4868	81.8190		PPNR	1.1	1.7	7.0	1.56	0.24	6.46	1528.	44.	3.
1000	0000	-528	37.4873	81.8190		PPNR	1.1	1.7	6.7	1.51	0.25	6.16	1516.	45.	3.
1001	0000	-527	37.4877	81.8190		PPK	1.1	1.5	6.9	1.34	0.22	6.19	1507.	46.	3.
1002	0000	-527	37.4882	81.8190		PPK	1.2	1.5	6.9	1.31	0.22	5.99	1520.	46.	3.
1003	0000	-526	37.4887	81.8190		PPK	1.2	1.6	7.3	1.38	0.22	6.23 +	1556.	47.	3.
1004	0000	-527	37.4891	81.8189		PPK	1.2	1.7	7.7 +	1.42	0.23	6.30 +	1621.	50.	3.
1005	0000	-528	37.4896	81.8189		PPK	1.3	1.8	7.4	1.36	0.24	5.73	1681.	48.	3.
1006	0000	-526	37.4901	81.8188		PPK	1.3	1.8	7.5	1.39	0.25	5.66	1734.	50.	4.
1007	0000	-524	37.4906	81.8188		PPK	1.4	1.9	7.8 +	1.38	0.24	5.65	1809.	48.	5.
1008	0000	-525	37.4910	81.8188		PPK	1.4	2.1	7.8 +	1.46	0.26	5.53	1834.	50.	5.
1009	0000	-526	37.4915	81.8188		PPK	1.3	2.1	7.4	1.58	0.29	5.52	1803.	51.	6.
1010	0000	-523	37.4920	81.8188		PPK	1.3	2.1	6.8	1.58	0.31	5.16	1755.	50.	6.
1011	0000	-520	37.4924	81.8187		PPK	1.2	1.7	6.6	1.36	0.26	5.29	1653.	46.	6.
1012	0000	-521	37.4929	81.8187		PPK	1.2	1.7	6.6	1.41	0.25	5.54	1598.	46.	7.
1013	0000	-519	37.4934	81.8187		PPK	1.2	1.5	7.0	1.28	0.22	5.90	1573.	48.	6.
1014	0000	-520	37.4939	81.8187		PPK	1.2	1.5	6.6	1.27	0.23	5.56	1533.	48.	5.
1015	0000	-522	37.4943	81.8187		PPK	1.2	1.2	6.7	1.06	0.18 -	5.76	1489.	47.	4.
1016	0000	-519	37.4948	81.8186		PPK	1.2	1.2	6.9	1.01	0.18 -	5.70	1498.	47.	3.
1017	0000	-519	37.4952	81.8186		PPK	1.2	1.5	7.1	1.24	0.21	5.94	1536.	48.	2.
1018	0000	-520	37.4957	81.8185		PPK	1.3	1.6	7.2	1.26	0.22	5.67	1602.	50.	2.
1019	0000	-518	37.4962	81.8185		PPK	1.3	1.6	7.4	1.29	0.22	5.83	1631.	51.	2.
1020	0000	-518	37.4967	81.8185		PPK	1.2	1.7	7.5	1.32	0.22	5.96	1595.	48.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-516	37.4971	81.8185	PPK	1.2	1.7	7.5	1.44	0.22	6.46 +	1541.	49.	3.
1022	0000	-513	37.4976	81.8185	PPK	1.1	1.8	7.1	1.57	0.25	6.37 +	1542.	50.	4.
1023	0000	-514	37.4980	81.8184	PPK	1.1	1.6	7.3	1.51	0.22	6.73 +	1549.	48.	5.
1024	0000	-513	37.4985	81.8184	PPK	1.1	1.3	7.8 +	1.13	0.17 -	6.84 +	1556.	50.	6.
1025	0000	-510	37.4990	81.8184	PPNR	1.1	1.3	7.4 +	1.14 -	0.17 -	6.57	1546.	50.	8.
1026	0000	-510	37.4995	81.8184	PPNR	1.2	1.1 -	7.2	0.97 -	0.16 --	6.20	1559.	48.	9.
1027	0000	-511	37.4999	81.8183	PPNR	1.2	1.2	7.4 +	1.01 -	0.16 -	6.25	1620.	50.	10.
1028	0000	-510	37.5004	81.8183	PPNR	1.3 +	0.9 -	7.8 +	0.70 --	0.11 ---	6.15	1685.	48.	11.
1029	0000	-509	37.5009	81.8183	PPNR	1.3 +	1.1 -	7.9 +	0.80 --	0.13 --	6.02	1714.	48.	12.
1030	0000	-507	37.5013	81.8183	PPNR	1.3 +	1.1 -	7.7 +	0.81 --	0.14 --	5.84	1693.	50.	12.
1031	0000	-507	37.5018	81.8183	PPNR	1.3 +	1.2	7.2	0.97 -	0.17 -	5.71	1657.	48.	12.
1032	0000	-507	37.5023	81.8182	PPNR	1.3 +	1.1 -	7.6 +	0.86 --	0.14 --	6.05	1679.	47.	12.
1033	0000	-505	37.5027	81.8182	PPNR	1.3 +	0.9 -	7.8 +	0.71 --	0.12 ---	6.01	1698.	48.	12.
1034	0000	-502	37.5032	81.8182	PPNR	1.3 +	0.9 -	7.4 +	0.67 ---	0.12 ---	5.59	1696.	47.	12.
1035	0000	-502	37.5037	81.8181	PPNR	1.3 +	1.2	7.7 +	0.87 --	0.15 --	5.73	1718.	48.	11.
1036	0000	-503	37.5041	81.8181	PPNR	1.5 +	0.9 -	7.9 +	0.64 ---	0.12 ---	5.40 -	1786.	48.	12.
1037	0000	-503	37.5046	81.8180	PPK	1.5 +	1.1	8.5 +	0.70 --	0.13 -	5.49	1869.	47.	11.
1038	0000	-503	37.5051	81.8181	PPK	1.6 +	1.0 -	8.5 +	0.62 --	0.12 -	5.23	1927.	47.	11.
1039	0000	-504	37.5056	81.8180	PPK	1.7 +	1.2	8.7 +	0.73 -	0.14 -	5.25	1928.	47.	10.
1040	0000	-505	37.5060	81.8180	PPK	1.7 +	1.6	8.5 +	0.97 -	0.19	5.11	1922.	48.	9.
1041	0000	-503	37.5065	81.8180	PPK	1.7 +	1.8	8.7 +	1.06	0.20	5.17	1928.	49.	8.
1042	0000	-500	37.5069	81.8179	PPK	1.7 +	1.7	8.3 +	1.01	0.21	4.89	1894.	47.	7.
1043	0000	-500	37.5074	81.8179	PPK	1.6 +	1.9	8.1 +	1.23	0.24	5.22	1813.	47.	5.
1044	0000	-501	37.5079	81.8179	PPK	1.5 +	1.8	7.3	1.20	0.25	4.88	1728.	49.	5.
1045	0000	-500	37.5084	81.8179	PPK	1.4	1.8	7.2	1.28	0.25	5.14	1645.	49.	4.
1046	0000	-500	37.5088	81.8178	PPK	1.3	1.8	6.9	1.36	0.26	5.32	1583.	51.	3.
1047	0000	-499	37.5093	81.8178	PPK	1.2	1.8	6.5	1.55	0.28	5.45	1513.	51.	3.
1048	0000	-497	37.5098	81.8178	PPK	1.0	2.0	6.0	1.91	0.33	5.79	1428.	49.	2.
1049	0000	-497	37.5102	81.8178	PPK	0.9	1.8	5.7	1.96 +	0.32	6.13	1353.	51.	2.
1050	0000	-497	37.5107	81.8178	PPK	0.9	1.9	5.4	2.15 +	0.36 +	6.03	1281.	52.	2.
1051	0000	-495	37.5112	81.8177	PPK	0.8 -	2.0	5.2	2.56 +	0.39 +	6.60 +	1224.	51.	1.
1052	0000	-497	37.5117	81.8177	PPK	0.7 -	2.1	5.0	2.83 ++	0.42 +	6.78 +	1188.	51.	1.
1053	0000	-498	37.5121	81.8177	PPK	0.8 -	2.0	5.0	2.64 +	0.40 +	6.55 +	1174.	50.	0.
1054	0000	-497	37.5126	81.8177	PPK	0.8 -	1.8	5.3	2.25 +	0.34	6.59 +	1171.	51.	1.
1055	0000	-497	37.5130	81.8177	PPNR	0.9	1.6	5.4	1.73	0.29	5.95	1203.	53.	1.
1056	0000	-498	37.5135	81.8176	PPNR	1.0	1.7	6.0	1.71	0.28	6.11	1269.	51.	1.
1057	0000	-498	37.5140	81.8176	PPNR	1.1	1.5	6.4	1.34	0.23	5.91	1345.	52.	2.
1058	0000	-498	37.5145	81.8175	PPK	1.2	1.4	6.8	1.16	0.20	5.79	1420.	52.	2.
1059	0000	-499	37.5149	81.8175	PPK	1.3	1.4	7.5	1.10	0.19	5.77	1529.	53.	2.
1060	0000	-500	37.5154	81.8174	PPK	1.4	1.3	7.7 +	0.93 -	0.17 -	5.41	1613.	53.	3.
1061	0000	-499	37.5159	81.8174	PPK	1.5 +	1.5	8.1 +	0.98 -	0.19 -	5.27	1736.	55.	3.
1062	0000	-498	37.5163	81.8174	PPK	1.7 +	1.7	8.6 +	1.00	0.19	5.22	1850.	54.	4.
1063	0000	-498	37.5168	81.8174	PPK	1.7 +	1.7	8.9 +	1.00 -	0.19	5.15	1932.	54.	5.
1064	0000	-496	37.5173	81.8174	PPK	1.8 +	2.0	9.3 ++	1.11	0.22	5.14	2049.	53.	4.
1065	0000	-495	37.5177	81.8173	PPK	1.9 ++	2.5 +	9.8 ++	1.37	0.26	5.28	2151.	54.	4.
1066	0000	-495	37.5182	81.8173	PPK	1.9 ++	2.9 +	9.9 ++	1.49	0.29	5.09	2236.	52.	4.
1067	0000	-496	37.5187	81.8173	PPK	2.0 ++	2.9 +	10.5 +++	1.45	0.28	5.19	2305.	51.	3.
1068	0000	-494	37.5191	81.8173	PPK	2.0 ++	3.0 +	10.5 +++	1.54	0.29	5.30	2307.	49.	2.
1069	0000	-493	37.5196	81.8173	PPK	1.9 ++	3.0 +	9.9 ++	1.60	0.31	5.22	2261.	50.	1.
1070	0000	-492	37.5201	81.8172	PPK	1.9 ++	3.0 +	10.3 ++	1.56	0.29	5.41	2247.	50.	1.
1071	0000	-492	37.5206	81.8172	PPK	1.8 +	2.8 +	10.1 ++	1.53	0.27	5.58	2177.	51.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-492	37.5210	81.8172	PPK	1.8 +	2.6 +	9.7 ++	1.47	0.27	5.53	2108.	50.	0.
1073	0000	-493	37.5215	81.8172	PPK	1.6 +	2.2 +	9.6 ++	1.32	0.23	5.83	2009.	52.	0.
1074	0000	-492	37.5219	81.8172	PPK	1.5 +	2.4 +	9.1 ++	1.62	0.27	6.04	1909.	52.	0.
1075	0000	-492	37.5224	81.8171	PPK	1.5 +	2.1	9.0 +	1.44	0.24	6.08	1822.	53.	0.
1076	0000	-492	37.5229	81.8171	PPK	1.4 +	2.0	9.1 ++	1.39	0.22	6.33 +	1771.	51.	0.
1077	0000	-493	37.5233	81.8170	PPK	1.3	2.3 +	7.9 +	1.67	0.28	5.89	1719.	52.	0.
1078	0000	-494	37.5238	81.8170	PPK	1.3	2.2	7.5	1.68	0.29	5.81	1692.	50.	1.
1079	0000	-496	37.5243	81.8169	PPK	1.3	2.0	7.6 +	1.51	0.26	5.76	1678.	49	2.
1080	0000	-495	37.5247	81.8169	PPK	1.4	1.8	8.0 +	1.34	0.23	5.80	1695.	48.	4.
1081	0000	-492	37.5252	81.8170	PPK	1.5 +	1.8	8.2 +	1.24	0.22	5.59	1764.	47.	5.
1082	0000	-492	37.5257	81.8169	PPK	1.6 +	1.9	8.1 +	1.22	0.24	5.13	1853.	46.	7.
1083	0000	-491	37.5262	81.8169	PPK	1.6 +	1.8	8.4 +	1.09	0.21	5.20	1871.	45.	9.
1084	0000	-487	37.5266	81.8168	PPK	1.7 +	1.6	8.8 +	0.93 -	0.18 -	5.25	1877.	45.	10.
1085	0000	-488	37.5271	81.8168	PPK	1.7 +	1.6	8.8 +	0.91 -	0.18 -	5.11	1880.	46.	10.
1086	0000	-491	37.5275	81.8168	PPK	1.7 +	1.4	8.7 +	0.78 -	0.16 -	4.98	1866.	46.	10.
1087	0000	-490	37.5280	81.8168	PPK	1.7 +	1.3	8.0 +	0.77 -	0.16 -	4.70	1812.	47.	10.
1088	0000	-490	37.5285	81.8168	PPK	1.6 +	1.3	7.2	0.84 -	0.18 -	4.59 -	1706.	50.	9.
1089	0000	-492	37.5290	81.8167	PPK	1.4	1.4	6.9	1.00	0.20	4.91	1586.	52.	7.
1090	0000	-492	37.5294	81.8167	PPK	1.3	1.6	6.1	1.17	0.25	4.61 -	1508.	54.	5.
1091	0000	-493	37.5299	81.8167	PPK	1.2	1.6	5.4	1.28	0.29	4.41 -	1424.	54.	5.
1092	0000	-494	37.5303	81.8167	PPK	1.2	1.5	5.0	1.27	0.30	4.29 -	1336.	55.	4.
1093	0000	-493	37.5308	81.8167	PPK	1.1	1.6	4.7	1.49	0.34	4.40 -	1286.	57.	3.
1094	0000	-494	37.5314	81.8166	PPK	1.1	1.7	4.9	1.63	0.35	4.69	1285.	57.	2.
1095	0000	-494	37.5318	81.8166	PPK	1.1	1.7	5.1	1.53	0.33	4.69	1304.	55.	2.
1096	0000	-492	37.5323	81.8166	PPK	1.2	1.7	5.5	1.41	0.31	4.58 -	1358.	54.	3.
1097	0000	-492	37.5327	81.8166	PPK	1.2	1.7	6.0	1.37	0.28	4.87	1441.	52.	4.
1098	0000	-493	37.5332	81.8164	PPK	1.3	1.5	6.6	1.16	0.23	5.12	1520.	51.	6.
1099	0000	-494	37.5336	81.8165	PPK	1.3	1.6	6.9	1.18	0.23	5.17	1586.	49.	7.
1100	0000	-493	37.5341	81.8165	PPK	1.4	1.3	7.4	0.93 -	0.17 -	5.36	1645.	46.	8.
1101	0000	-492	37.5346	81.8164	PPK	1.4	1.2	7.5	0.84 -	0.15 -	5.45	1675.	47.	9.
1102	0000	-490	37.5351	81.8164	PPK	1.4	1.3	7.7 +	0.90 -	0.16 -	5.51	1723.	46.	11.
1103	0000	-490	37.5355	81.8163	PPK	1.4	1.0 -	8.0 +	0.73 -	0.13 -	5.80	1756.	46.	12.
1104	0000	-488	37.5360	81.8163	PPK	1.4	1.2	8.2 +	0.87 -	0.15 -	5.96	1812.	44.	12.
1105	0000	-488	37.5364	81.8163	PPK	1.4	1.5	8.3 +	1.04	0.18 -	5.85	1855.	46.	11.
1106	0000	-489	37.5369	81.8163	PPK	1.4	1.6	8.5 +	1.11	0.19 -	6.02	1902.	47.	11.
1107	0000	-489	37.5374	81.8163	PPK	1.5 +	2.0	8.4 +	1.39	0.24	5.68	1943.	49.	10.
1108	0000	-486	37.5379	81.8162	PPK	1.5 +	2.5 +	8.2 +	1.64	0.31	5.35	1989.	48.	8.
1109	0000	-486	37.5384	81.8162	PPK	1.5 +	2.3 +	9.0 ++	1.45	0.25	5.80	1982.	49.	7.
1110	0000	-486	37.5388	81.8162	PPK	1.6 +	2.4 +	8.8 +	1.51	0.27	5.62	1961.	49.	7.
1111	0000	-486	37.5393	81.8162	PPK	1.6 +	2.1	8.2 +	1.32	0.25	5.19	1868.	52.	7.
1112	0000	-487	37.5397	81.8161	PPK	1.5 +	2.1	7.9 +	1.40	0.27	5.22	1782.	52.	7.
1113	0000	-486	37.5402	81.8161	PPK	1.5 +	1.9	7.9 +	1.30	0.25	5.29	1714.	54.	6.
1114	0000	-485	37.5407	81.8161	PPK	1.5 +	1.7	7.8 +	1.17	0.22	5.32	1657.	53.	6.
1115	0000	-486	37.5412	81.8161	PPK	1.4	1.3	7.7 +	0.95 -	0.17 -	5.56	1614.	55.	8.
1116	0000	-487	37.5416	81.8161	PPK	1.4	1.2	7.2	0.87 -	0.17 -	5.18	1632.	54.	9.
1117	0000	-486	37.5421	81.8160	PPK	1.5 +	1.0 -	8.1 +	0.72 -	0.13 -	5.57	1713.	53.	10.
1118	0000	-482	37.5425	81.8160	PPK	1.5 +	1.0 -	8.9 +	0.67 --	0.12 -	5.81	1827.	51.	11.
1119	0000	-482	37.5430	81.8160	PPK	1.6 +	0.9 -	9.3 ++	0.52 --	0.09 --	5.63	1942.	51.	12.
1120	0000	-482	37.5435	81.8160	PPK	1.8 +	1.1	10.0 ++	0.64 --	0.11 -	5.69	2072.	50.	12.
1121	0000	-481	37.5440	81.8160	PPK	1.8 +	1.0 -	10.5 +++	0.53 --	0.09 --	5.70	2172.	49.	13.
1122	0000	-481	37.5444	81.8160	PPK	2.0 ++	1.1	10.9 +++	0.58 --	0.11 --	5.54	2241.	48.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-481	37.5449	81.8160		PPK	2.0 ++	1.2	10.7 +++	0.60 --	0.11 -	5.45	2247.	50.	11.
1124	0000	-480	37.5453	81.8160		PPK	1.9 ++	1.5	10.0 ++	0.78 -	0.15 -	5.20	2185.	50.	9.
1125	0000	-480	37.5458	81.8160		PPK	1.8 +	1.6	9.4 ++	0.88 -	0.17 -	5.20	2111.	49.	8.
1126	0000	-478	37.5463	81.8160		PPK	1.7 +	1.7	9.3 ++	1.02	0.19 -	5.47	2025.	50.	7.
1127	0000	-477	37.5467	81.8160		PPK	1.6 +	1.6	8.5 +	1.02	0.19	5.42	1913.	50.	6.
1128	0000	-478	37.5472	81.8161		PPK	1.4	1.8	7.6 +	1.28	0.24	5.41	1776.	50.	5.
1129	0000	-477	37.5477	81.8161		PPK	1.3	1.8	6.9	1.44	0.26	5.47	1630.	51.	4.
1130	0000	-476	37.5481	81.8161		PPK	1.1	1.8	6.3	1.55	0.28	5.55	1502.	52.	4.
1131	0000	-476	37.5486	81.8161		PPK	1.0	1.5	6.2	1.45	0.24	6.07	1385.	51.	5.
1132	0000	-478	37.5490	81.8161		PPK	1.0	1.3	5.9	1.37	0.23	6.07	1289.	51.	5.
1133	0000	-479	37.5495	81.8161		PPK	0.9	1.1	5.8	1.17	0.19 -	6.30 +	1217.	50.	5.
1134	0000	-477	37.5500	81.8161		PPK	0.9	1.0 -	5.5	1.11	0.19 -	5.91	1167.	53.	6.
1135	0000	-478	37.5504	81.8161		PPK	0.9	0.8 -	5.4	0.87 -	0.15 -	5.75	1170.	55.	6.
1136	0000	-479	37.5509	81.8162		PPK	1.0	0.6 --	6.1	0.56 --	0.09 --	6.00	1201.	56.	6.
1137	0000	-477	37.5513	81.8162		PPK	1.0	0.9 -	6.1	0.88 -	0.15 -	5.87	1233.	54.	4.
1138	0000	-476	37.5518	81.8162		PPK	1.1	0.9 -	6.1	0.89 -	0.15 -	5.76	1253.	54.	4.
1139	0000	-475	37.5522	81.8162		PPK	1.0	1.2	6.1	1.10	0.19	5.80	1263.	56.	2.
1140	0000	-473	37.5527	81.8162		PPK	1.1	1.2	5.8	1.08	0.20	5.42	1255.	57.	2.
1141	0000	-473	37.5532	81.8162		PPK	1.0	1.1	6.2	1.11	0.18 -	6.06	1267.	53.	1.
1142	0000	-471	37.5536	81.8162		PPK	1.0	1.3	6.3	1.31	0.21	6.22 +	1277.	52.	0.
1143	0000	-471	37.5541	81.8162		PPK	1.0	1.7	6.0	1.67	0.28	6.03	1306.	54.	0.
1144	0000	-473	37.5545	81.8163		PPK	1.0	1.5	6.5	1.43	0.23	6.19	1361.	54.	1.
1145	0000	-472	37.5550	81.8163		PPK	1.1	1.7	6.7	1.54	0.26	6.00	1442.	54.	1.
1146	0000	-470	37.5555	81.8163		PPK	1.3	1.5	7.4	1.24	0.21	5.91	1531.	53.	2.
1147	0000	-470	37.5559	81.8163		PPK	1.3	2.1	8.1 +	1.66	0.26	6.32 +	1669.	51.	3.
1148	0000	-469	37.5564	81.8163		PPK	1.4	2.5 +	8.8 +	1.74	0.28	6.23 +	1800.	52.	3.
1149	0000	-469	37.5568	81.8163		PPK	1.4 +	2.4 +	9.3 ++	1.68	0.26	6.45 +	1862.	52.	5.
1150	0000	-467	37.5573	81.8163		PPK	1.5 +	2.6 +	9.2 ++	1.76	0.28	6.23 +	1914.	48.	6.
1151	0000	-467	37.5577	81.8163		PPK	1.4 +	2.6 +	9.1 ++	1.80	0.29	6.29 +	1910.	49.	7.
1152	0000	-467	37.5582	81.8163		PPK	1.4 +	2.5 +	9.1 ++	1.72	0.27	6.35 +	1913.	48.	7.
1153	0000	-465	37.5587	81.8164		PPK	1.4 +	2.6 +	9.5 ++	1.79	0.27	6.60 +	1944.	47.	7.
1154	0000	-465	37.5591	81.8164		PPK	1.5 +	2.1	9.3 ++	1.33	0.22	6.05	1939.	47.	8.
1155	0000	-465	37.5596	81.8164		PPK	1.5 +	1.8	9.3 ++	1.22	0.20	6.20	1925.	48.	8.
1156	0000	-464	37.5600	81.8164		PPK	1.6 +	1.8	9.4 ++	1.14	0.19	6.05	1932.	49.	7.
1157	0000	-462	37.5605	81.8164		PPK	1.6 +	1.5	9.8 ++	0.94 -	0.15 -	6.22 +	1914.	52.	6.
1158	0000	-461	37.5610	81.8164		PPK	1.6 +	1.6	10.2 ++	0.97 -	0.15 -	6.34 +	1945.	50.	5.
1159	0000	-461	37.5614	81.8164		PPK	1.6 +	1.8	10.0 ++	1.12	0.18 -	6.28 +	1929.	52.	4.
1160	0000	-461	37.5619	81.8164		PPK	1.5 +	1.8	9.3 ++	1.19	0.19	6.11	1873.	52.	4.
1161	0000	-459	37.5623	81.8164		PPK	1.4	1.9	8.9 +	1.34	0.21	6.39 +	1783.	55.	3.
1162	0000	-459	37.5628	81.8164		PPK	1.3	1.8	8.3 +	1.34	0.22	6.19	1675.	53.	2.
1163	0000	-455	37.5633	81.8164		PPK	1.3	1.9	8.0 +	1.50	0.24	6.36 +	1615.	52.	2.
1164	0000	-452	37.5637	81.8165		PPK	1.2	1.7	7.6 +	1.36	0.22	6.18	1553.	50.	2.
1165	0000	-453	37.5642	81.8165		PPK	1.2	1.6	7.4	1.37	0.21	6.37 +	1500.	50.	3.
1166	0000	-453	37.5646	81.8165		PPK	1.1	1.4	7.2	1.25	0.20	6.29 +	1478.	51.	4.
1167	0000	-450	37.5651	81.8165		PPK	1.2	1.2	7.1	1.03	0.17 -	5.94	1468.	52.	5.
1168	0000	-449	37.5656	81.8165		PPK	1.2	1.1	7.0	0.91 -	0.16 -	5.71	1506.	49.	6.
1169	0000	-449	37.5660	81.8165		PPK	1.3	1.0 -	7.0	0.77 -	0.14 -	5.41	1560.	48.	7.
1170	0000	-451	37.5665	81.8165		PPK	1.4	1.1	7.0	0.83 -	0.16 -	5.15	1610.	48.	7.
1171	0000	-452	37.5669	81.8166		PPK	1.4	1.2	7.3	0.89 -	0.17 -	5.22	1695.	49.	8.
1172	0000	-450	37.5674	81.8166		PPK	1.5 +	1.3	7.5	0.85 -	0.17 -	4.91	1766.	51.	8.
1173	0000	-448	37.5679	81.8166		PPK	1.5 +	1.2	8.0 +	0.78 -	0.15 -	5.16	1810.	50.	8.

FLIGHT LINE 820, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-448	37.5683	81.8166	PPK	1.5 +	1.3	8.3 +	0.91 -	0.16 -	5.65	1845.	49.	8.
1175	0000	-447	37.5688	81.8166	PPK	1.5 +	1.6	8.2 +	1.05	0.19	5.42	1849.	53.	7.
1176	0000	-446	37.5692	81.8166	PPK	1.5 +	1.8	8.2 +	1.23	0.22	5.52	1835.	55.	6.
1177	0000	-445	37.5697	81.8166	PPK	1.4	1.9	8.3 +	1.34	0.23	5.86	1819.	54.	5.
1178	0000	-442	37.5702	81.8166	PPK	1.3	2.1	7.9 +	1.57	0.27	5.88	1774.	54.	4.
1179	0000	-442	37.5706	81.8167	PPK	1.3	2.1	7.7 +	1.62	0.27	5.94	1753.	50.	3.
1180	0000	-442	37.5711	81.8167	PPK	1.3	2.2 +	7.3	1.71	0.30	5.71	1708.	51.	2.
1181	0000	-438	37.5715	81.8167	PPK	1.3	2.2 +	6.9	1.75	0.33	5.40	1666.	52.	1.
1182	0000	-436	37.5720	81.8167	PPK	1.2	2.1	7.4	1.74	0.28	6.16	1634.	50.	1.
1183	0000	-439	37.5724	81.8167	PPK	1.2	1.9	7.4	1.54	0.25	6.16	1606.	49.	0.
1184	0000	-437	37.5729	81.8167	PPK	1.2	1.6	7.1	1.31	0.22	5.94	1567.	50.	0.
1185	0000	-434	37.5733	81.8167	PPK	1.2	1.4	7.1	1.16	0.19	6.09	1513.	51.	1.
1186	0000	-433	37.5738	81.8167	PPK	1.1	1.3	6.9	1.20	0.19	6.26 +	1435.	54.	1.
1187	0000	-431	37.5743	81.8168	PPK	1.1	1.2	6.9	1.18	0.18 -	6.55 +	1405.	53.	1.
1188	0000	-431	37.5747	81.8168	PPK	1.1	1.4	7.1	1.25	0.19	6.59 +	1414.	49.	1.
1189	0000	-430	37.5752	81.8168	PPK	1.2	1.4	7.0	1.23	0.20	6.11	1440.	49.	1.
1190	0000	-428	37.5757	81.8168	PPK	1.2	1.7	7.0	1.45	0.24	5.96	1463.	49.	1.
1191	0000	-426	37.5761	81.8168	PPNR	1.2	1.7	7.0	1.38	0.24	5.74	1474.	46.	1.
1192	0000	-427	37.5766	81.8168	PPNR	1.2	1.8	7.0	1.49	0.26	5.77	1515.	45.	1.
1193	0000	-426	37.5770	81.8168	PPNR	1.3 +	2.0	7.3	1.50	0.27	5.57	1602.	46.	1.
1194	0000	-424	37.5775	81.8168	PPNR	1.4 +	2.0	7.5 +	1.44	0.27	5.35 -	1658.	45.	2.
1195	0000	-423	37.5780	81.8168	PPNR	1.4 +	1.8	7.5 +	1.27 -	0.24	5.25 -	1681.	48.	2.
1196	0000	-422	37.5784	81.8168	PPNR	1.4 +	1.9	7.2	1.34	0.26	5.22 -	1679.	47.	3.
1197	0000	-419	37.5789	81.8169	PPNR	1.4 +	1.8	7.1	1.31 -	0.25	5.19 -	1679.	47.	3.
1198	0000	-418	37.5793	81.8169	PPNR	1.3 +	1.8	7.3	1.35	0.24	5.50	1691.	49.	3.
1199	0000	-418	37.5798	81.8169	PPNR	1.4 +	1.9	7.5 +	1.38	0.25	5.47	1730.	45.	4.
1200	0000	-417	37.5802	81.8169	PPNR	1.3 +	1.9	7.1	1.42	0.27	5.30 -	1727.	44.	4.
1201	0000	-415	37.5807	81.8169	PPK	1.3	1.8	7.3	1.35	0.25	5.46	1749.	43.	4.
1202	0000	-415	37.5812	81.8169	PPK	1.4	1.8	7.7 +	1.30	0.23	5.60	1749.	42.	5.
1203	0000	-413	37.5816	81.8169	PPK	1.3	1.8	7.8 +	1.35	0.23	5.81	1736.	42.	5.
1204	0000	-410	37.5821	81.8169	PPK	1.4	1.6	8.4 +	1.16	0.19 -	6.21	1716.	45.	5.
1205	0000	-409	37.5826	81.8169	PPNR	1.3 +	2.0	8.1 +	1.47	0.24	6.11	1714.	45.	4.
1206	0000	-407	37.5830	81.8169	PPNR	1.3 +	2.0	8.3 +	1.47	0.24	6.18	1677.	46.	4.
1207	0000	-404	37.5835	81.8169	PPNR	1.4 +	1.8	8.8 ++	1.31 -	0.20 -	6.52	1639.	47.	3.
1208	0000	-401	37.5839	81.8170	PPK	1.4	2.2 +	8.5 +	1.62	0.26	6.31 +	1614.	49.	3.
1209	0000	-401	37.5844	81.8170	PPK	1.4	2.4 +	8.7 +	1.72	0.28	6.22 +	1647.	49.	1.
1210	0000	-400	37.5848	81.8170	PPK	1.4 +	2.4 +	8.6 +	1.71	0.28	5.99	1678.	50.	1.
1211	0000	-400	37.5853	81.8170	PPK	1.5 +	2.6 +	7.8 +	1.75	0.33	5.36	1700.	50.	2.
1212	0000	-400	37.5858	81.8170	PPK	1.5 +	2.3 +	7.8 +	1.56	0.30	5.18	1697.	49.	2.
1213	0000	-399	37.5862	81.8170	PPK	1.5 +	2.3 +	7.7 +	1.50	0.30	5.03	1713.	48.	3.
1214	0000	-396	37.5867	81.8170	PPK	1.5 +	2.4 +	7.4	1.65	0.33	5.01	1716.	48.	3.
1215	0000	-396	37.5871	81.8170	PPK	1.4	2.0	7.4	1.44	0.27	5.30	1698.	46.	3.
1216	0000	-396	37.5876	81.8170	PPK	1.3	2.1	6.8	1.61	0.31	5.20	1629.	46.	4.
1217	0000	-395	37.5880	81.8170	PPK	1.3	1.7	6.8	1.39	0.26	5.41	1583.	46.	4.
1218	0000	-391	37.5885	81.8170	PPK	1.2	1.8	6.7	1.53	0.27	5.72	1559.	45.	5.
1219	0000	-390	37.5890	81.8171	PPK	1.1	1.5	6.8	1.38	0.23	6.10	1535.	46.	6.
1220	0000	-391	37.5894	81.8171	PPK	1.1	1.1	6.8	1.02 -	0.16 -	5.28 +	1502.	45.	8.
1221	0000	-388	37.5899	81.8171	PPK	1.1	0.9 -	6.5	0.83 -	0.13 -	6.14	1479.	45.	10.
1222	0000	-387	37.5903	81.8172	PPK	1.1	0.9 -	6.1	0.84 -	0.15 -	5.67	1473.	45.	12.
1223	0000	-387	37.5908	81.8172	PPK	1.1	0.6 --	6.0	0.51 ---	0.09 --	5.37	1489.	43.	14.
1224	0000	-384	37.5913	81.8172	PPK	1.1	0.8 -	6.0	0.71 --	0.13 -	5.31	1510.	43.	15.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-383	37.5917	81.8172	PPK	1.2	0.7 --	6.7	0.60 --	0.10 --	5.85	1538.	43.	15.
1226	0000	-383	37.5922	81.8172	PPK	1.2	0.8 -	6.6	0.68 --	0.12 -	5.49	1547.	44.	15.
1227	0000	-380	37.5926	81.8172	PPK	1.2	1.0 -	6.6	0.90 -	0.15 -	5.56	1543.	45.	13.
1228	0000	-378	37.5931	81.8172	PPK	1.2	1.1	6.5	0.98 -	0.17 -	5.59	1528.	46.	12.
1229	0000	-376	37.5936	81.8172	PPK	1.1	1.2	6.5	1.06	0.18 -	5.73	1529.	46.	11.
1230	0000	-376	37.5940	81.8172	PPK	1.1	1.7	6.9	1.57	0.24	6.41 +	1536.	47.	9.
1231	0000	-377	37.5945	81.8173	PPK	1.1	1.5	7.4	1.32	0.20	6.51 +	1582.	47.	8.
1232	0000	-376	37.5949	81.8173	PPK	1.3	1.7	7.8 +	1.30	0.22	5.93	1668.	47.	7.
1233	0000	-372	37.5954	81.8173	PPK	1.3	2.0	7.6 +	1.45	0.26	5.64	1763.	46.	7.
1234	0000	-371	37.5959	81.8173	PPK	1.5 +	2.1	8.0 +	1.40	0.26	5.31	1870.	48.	6.
1235	0000	-370	37.5963	81.8173	PPK	1.6 +	2.3 +	8.5 +	1.50	0.28	5.42	1941.	48.	6.
1236	0000	-365	37.5968	81.8173	PPK	1.6 +	2.6 +	8.9 +	1.64	0.30	5.54	2002.	48.	4.
1237	0000	-361	37.5972	81.8173	PPK	1.7 +	2.4 +	8.8 +	1.42	0.28	5.13	2047.	50.	4.
1238	0000	-358	37.5977	81.8173	PPK	1.8 +	2.4 +	8.8 +	1.38	0.28	5.00	2051.	50.	2.
1239	0000	-351	37.5982	81.8173	PPK	1.6 +	2.6 +	7.9 +	1.60	0.33	4.92	1978.	52.	2.
1240	0000	-341	37.5986	81.8173	PPK	1.5 +	2.5 +	7.9 +	1.63	0.32	5.13	1878.	53.	1.
1241	0000	-331	37.5991	81.8173	PPK	1.4	2.6 +	7.1	1.91	0.36 +	5.37	1773.	52.	1.
1242	0000	-327	37.5995	81.8174	PPK	1.3	2.5 +	6.9	1.93 +	0.36 +	5.31	1703.	52.	1.
1243	0000	-334	37.6000	81.8174	PPK	1.3	2.2 +	6.4	1.77	0.35	5.11	1613.	52.	1.
1244	0000	-349	37.6005	81.8174	PPK	1.2	2.3 +	6.1	1.93 +	0.37 +	5.16	1532.	53.	2.
1245	0000	-361	37.6009	81.8174	PPNR	1.1	2.4 +	5.4	2.29	0.45 +	5.05 -	1455.	52.	3.
1246	0000	-367	37.6014	81.8174	PPNR	1.0	2.2	5.3	2.12	0.41 +	5.15 -	1381.	49.	3.
1247	0000	-368	37.6018	81.8174	PPNR	1.0	2.0	5.2	2.01	0.38 +	5.28 -	1341.	50.	3.
1248	0000	-365	37.6023	81.8174	PPK	1.0	1.5	5.4	1.48	0.27	5.45	1307.	49.	3.
1249	0000	-360	37.6027	81.8174	PPK	1.0	1.4	5.2	1.45	0.27	5.32	1291.	50.	3.
1250	0000	-356	37.6032	81.8174	PPK	1.0	1.3	5.4	1.30	0.24	5.47	1288.	51.	3.
1251	0000	-354	37.6037	81.8174	PPK	1.0	1.1	5.3	1.13	0.20	5.52	1266.	48.	2.
1252	0000	-353	37.6041	81.8174	PPK	0.9	0.9 -	5.5	0.90 -	0.16 -	5.82	1249.	49.	2.
1253	0000	-351	37.6046	81.8175	PPK	0.9	0.9 -	5.4	0.99 -	0.17 -	5.68	1271.	51.	2.
1254	0000	-350	37.6050	81.8175	PPK	1.0	0.9 -	5.6	0.90 -	0.16 -	5.58	1307.	50.	3.
1255	0000	-348	37.6055	81.8175	PPK	1.1	1.1	5.7	1.00	0.19	5.16	1383.	50.	3.
1256	0000	-346	37.6060	81.8175	PPNR	1.2	1.0 -	6.4	0.89 --	0.16 -	5.38 -	1468.	48.	5.
1257	0000	-346	37.6064	81.8176	PPNR	1.2	1.3	6.1	1.06 -	0.21 -	5.09 -	1517.	47.	5.
1258	0000	-344	37.6069	81.8176	PPNR	1.3 +	1.4	6.6	1.09 -	0.21 -	5.21 -	1596.	48.	6.
1259	0000	-342	37.6073	81.8176	PPNR	1.3 +	1.8	6.5	1.34	0.27	4.92 -	1688.	48.	6.
1260	0000	-341	37.6078	81.8176	PPNR	1.4 +	2.0	7.1	1.36	0.28	4.94 -	1782.	47.	7.
1261	0000	-340	37.6082	81.8176	PPNR	1.5 +	2.2	7.6 +	1.45	0.29	5.00 -	1861.	48.	6.
1262	0000	-338	37.6087	81.8176	PPNR	1.5 +	2.5 +	7.9 +	1.60	0.31	5.12 -	1896.	47.	6.
1263	0000	-337	37.6092	81.8176	PPNR	1.6 ++	2.5 +	7.8 +	1.54	0.32	4.84 -	1891.	48.	6.
1264	0000	-337	37.6096	81.8176	PPNR	1.6 ++	2.4 +	8.0 +	1.50	0.31	4.92 -	1891.	46.	5.
1265	0000	-336	37.6101	81.8177	PPNR	1.6 ++	2.5 +	7.9 +	1.56	0.32	4.89 -	1869.	45.	5.
1266	0000	-334	37.6105	81.8177	PPNR	1.5 ++	2.2	7.9 +	1.42	0.28	5.09 -	1812.	47.	5.
1267	0000	-333	37.6110	81.8177	PPNR	1.5 +	2.1	7.5 +	1.39	0.27	5.06 -	1767.	48.	5.
1268	0000	-335	37.6115	81.8177	PPNR	1.4 +	2.0	7.5 +	1.42	0.27	5.26 -	1734.	47.	4.
1269	0000	-335	37.6119	81.8177	PPNR	1.3 +	2.0	6.7	1.48	0.30	4.97 -	1701.	47.	4.
1270	0000	-332	37.6124	81.8177	PPK	1.3	2.0	6.6	1.53	0.30	5.12	1693.	47.	4.
1271	0000	-332	37.6129	81.8177	PPK	1.3	2.0	6.9	1.52	0.28	5.38	1707.	49.	3.
1272	0000	-331	37.6133	81.8177	PPK	1.3	1.8	7.3	1.35	0.24	5.54	1714.	49.	3.
1273	0000	-330	37.6138	81.8177	PPK	1.3	2.0	7.2	1.50	0.27	5.48	1740.	46.	2.
1274	0000	-330	37.6142	81.8177	PPK	1.3	2.0	7.3	1.54	0.28	5.60	1718.	46.	1.
1275	0000	-330	37.6147	81.8178	PPK	1.3	2.0	6.9	1.57	0.30	5.31	1688.	44.	2.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-328	37.6151	81.8178		PPK	1.3	2.0	6.9	1.58	0.30	5.35	1633.	47.	2.
1277	0000	-329	37.6156	81.8178		PPK	1.2	1.9	6.6	1.55	0.29	5.42	1567.	46.	2.
1278	0000	-330	37.6160	81.8178		PPK	1.2	1.9	6.1	1.59	0.30	5.24	1490.	46.	2.
1279	0000	-330	37.6165	81.8178		PPK	1.1	2.0	5.7	1.79	0.35	5.16	1435.	49.	3.
1280	0000	-331	37.6170	81.8178		PPK	1.0	1.8	5.4	1.74	0.34	5.19	1349.	50.	3.
1281	0000	-332	37.6174	81.8178		PPK	1.0	1.7	4.9	1.75	0.34	5.18	1282.	49.	4.
1282	0000	-330	37.6179	81.8178		PPK	0.9	1.6	4.7	1.84	0.34	5.40	1211.	53.	4.
1283	0000	-331	37.6183	81.8178		PPK	0.8 -	1.5	4.7	1.90	0.32	5.88	1164.	50.	4.
1284	0000	-331	37.6188	81.8178		PPK	0.8 -	1.7	4.4 -	2.23 +	0.39 +	5.77	1148.	51.	3.
1285	0000	-331	37.6193	81.8178		PPK	0.8 -	1.6	4.4 -	2.05 +	0.35 +	5.81	1133.	52.	4.
1286	0000	-332	37.6197	81.8179		PPK	0.7 -	1.7	4.0 -	2.39 +	0.43 +	5.62	1094.	51.	3.
1287	0000	-331	37.6202	81.8179		PPK	0.7 -	1.7	4.2 -	2.33 +	0.40 +	5.77	1102.	51.	3.
1288	0000	-331	37.6207	81.8179		PPK	0.8 -	1.6	4.5 -	2.02 +	0.35 +	5.76	1128.	50.	3.
1289	0000	-330	37.6211	81.8179		PPK	0.8 -	1.4	4.8	1.69	0.29	5.86	1189.	48.	4.
1290	0000	-329	37.6216	81.8179		PPK	0.9	1.5	5.3	1.60	0.28	5.80	1266.	49.	3.
1291	0000	-329	37.6220	81.8179		PPK	1.0	1.5	5.9	1.52	0.25	6.08	1328.	50.	3.
1292	0000	-329	37.6225	81.8179		PPK	1.1	1.6	6.4	1.49	0.24	6.07	1441.	49.	3.
1293	0000	-326	37.6229	81.8179		PPK	1.2	1.7	6.9	1.44	0.24	6.01	1567.	47.	4.
1294	0000	-327	37.6234	81.8179		PPK	1.3	1.6	7.1	1.27	0.23	5.61	1667.	47.	4.
1295	0000	-325	37.6239	81.8179		PPK	1.3	1.9	7.3	1.42	0.26	5.46	1749.	46.	4.
1296	0000	-322	37.6243	81.8179		PPK	1.5 +	2.3 +	7.7 +	1.53	0.29	5.24	1855.	43.	3.
1297	0000	-323	37.6248	81.8180		PPK	1.5 +	2.5 +	7.4	1.60	0.33	4.84	1929.	41.	4.
1298	0000	-323	37.6252	81.8180		PPK	1.6 +	2.6 +	7.4	1.69	0.36 +	4.77	1962.	39.	4.
1299	0000	-320	37.6257	81.8180		PPK	1.5 +	2.7 +	7.1	1.78	0.39 +	4.62 -	1944.	39.	3.
1300	0000	-321	37.6262	81.8180		PPK	1.6 +	2.5 +	7.5	1.60	0.33	4.78	1936.	42.	2.
1301	0000	-322	37.6266	81.8180		PPK	1.6 +	2.6 +	7.8 +	1.66	0.34	4.90	1955.	43.	2.
1302	0000	-320	37.6271	81.8180		PPK	1.5 +	2.6 +	7.7 +	1.73	0.34	5.06	1939.	44.	2.
1303	0000	-321	37.6275	81.8180		PPK	1.4 +	2.5 +	7.5	1.69	0.33	5.16	1866.	45.	2.
1304	0000	-321	37.6280	81.8180		PPK	1.4	2.2 +	7.9 +	1.55	0.28	5.63	1817.	47.	2.
1305	0000	-321	37.6285	81.8180		PPK	1.4 +	1.8	7.8 +	1.27	0.23	5.43	1810.	48.	3.
1306	0000	-321	37.6289	81.8180		PPK	1.4 +	1.7	7.8 +	1.22	0.23	5.44	1788.	48.	3.
1307	0000	-321	37.6294	81.8180		PPK	1.4	1.7	7.4	1.24	0.23	5.43	1736.	46.	4.
1308	0000	-320	37.6298	81.8181		PPK	1.2	1.6	6.8	1.29	0.23	5.48	1635.	43.	5.
1309	0000	-319	37.6303	81.8181		PPK	1.2	1.5	6.6	1.26	0.23	5.38	1566.	45.	5.
1310	0000	-320	37.6308	81.8181		PPK	1.2	1.4	6.3	1.21	0.23	5.26	1530.	47.	6.
1311	0000	-322	37.6312	81.8181		PPK	1.2	1.7	6.0	1.41	0.27	5.15	1514.	46.	6.
1312	0000	-322	37.6317	81.8181		PPK	1.1	1.8	6.6	1.61	0.28	5.82	1519.	46.	6.
1313	0000	-321	37.6321	81.8181		PPK	1.1	2.0	7.0	1.76	0.28	6.24 +	1559.	47.	6.
1314	0000	-322	37.6326	81.8181		PPK	1.2	2.1	7.2	1.74	0.30	5.87	1655.	47.	6.
1315	0000	-322	37.6330	81.8181		PPK	1.4	2.3 +	8.0 +	1.69	0.29	5.92	1767.	48.	5.
1316	0000	-321	37.6335	81.8181		PPK	1.4	2.0	8.7 +	1.45	0.23	6.22	1860.	46.	5.
1317	0000	-320	37.6340	81.8181		PPK	1.4 +	2.2 +	8.9 +	1.56	0.25	6.25 +	1893.	43.	5.
1318	0000	-320	37.6344	81.8181		PPK	1.4 +	1.9	9.4 ++	1.32	0.20	6.50 +	1877.	43.	4.
1319	0000	-318	37.6349	81.8183		PPK	1.4 +	1.8	8.7 +	1.26	0.21	6.04	1828.	42.	4.
1320	0000	-320	37.6353	81.8183		PPK	1.4 +	1.7	8.0 +	1.20	0.22	5.57	1750.	43.	4.
1321	0000	-320	37.6358	81.8183		PPK	1.3	1.5	7.6 +	1.10	0.19	5.77	1634.	42.	5.
1322	0000	-317	37.6363	81.8183		PPK	1.2	1.2	7.0	0.97 -	0.17 -	5.77	1534.	40.	6.
1323	0000	-317	37.6367	81.8183		PPK	1.2	1.4	6.7	1.22	0.21	5.70	1457.	42.	6.
1324	0000	-317	37.6372	81.8183		PPK	1.2	1.1 -	6.6	0.90 -	0.16 -	5.59	1421.	45.	7.
1325	0000	-315	37.6376	81.8183		PPK	1.1	1.2	6.1	1.06	0.20	5.32	1412.	45.	8.
1326	0000	-315	37.6381	81.8183		PPK	1.1	1.2	6.0	1.11	0.20	5.48	1410.	45.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-313	37.6385	81.8183		PPK	1.0	1.2	6.0	1.13	0.20	5.74	1390.	43.	9.
1328	0000	-313	37.6390	81.8183		PPK	1.0	1.2	5.8	1.18	0.21	5.67	1363.	44.	9.
1329	0000	-315	37.6395	81.8183		PPK	1.0	1.3	5.5	1.33	0.23	5.74	1336.	45.	9.
1330	0000	-318	37.6399	81.8184		PPK	1.0	1.3	5.2	1.31	0.24	5.38	1324.	44.	9.
1331	0000	-321	37.6404	81.8184		PPK	1.0	1.5	5.2	1.54	0.29	5.31	1338.	45.	8.
1332	0000	-322	37.6409	81.8184		PPK	1.0	1.5	5.5	1.44	0.27	5.40	1372.	45.	7.
1333	0000	-323	37.6413	81.8184		PPK	1.1	1.6	5.6	1.47	0.29	5.03	1414.	46.	7.
1334	0000	-322	37.6418	81.8184		PPK	1.2	1.7	6.1	1.34	0.27	4.90	1513.	48.	6.
1335	0000	-321	37.6422	81.8184		PPK	1.3	1.8	6.2	1.41	0.29	4.78	1595.	50.	6.
1336	0000	-321	37.6427	81.8184		PPK	1.4 +	2.1	6.3	1.44	0.33	4.42 -	1655.	51.	5.
1337	0000	-322	37.6432	81.8184		PPK	1.4 +	2.0	6.4	1.40	0.32	4.45 -	1702.	51.	4.
1338	0000	-321	37.6436	81.8184		PPK	1.5 +	2.0	6.7	1.31	0.29	4.46 -	1753.	50.	5.
1339	0000	-320	37.6441	81.8184		PPK	1.5 +	1.9	6.8	1.22	0.28	4.39 -	1771.	51.	5.
1340	0000	-321	37.6445	81.8184		PPK	1.6 +	1.9	7.2	1.20	0.26	4.65 -	1796.	50.	5.
1341	0000	-321	37.6450	81.8184		PPK	1.6 +	1.8	7.4	1.17	0.25	4.75	1787.	49.	5.
1342	0000	-320	37.6453	81.8185		PPK	1.6 +	1.8	7.6 +	1.17	0.24	4.87	1804.	47.	4.
1343	0000	-321	37.6457	81.8185		PPK	1.6 +	1.7	8.1 +	1.11	0.22	5.17	1858.	45.	4.
1344	0000	-321	37.6461	81.8185		PPK	1.7 +	2.1	8.2 +	1.23	0.25	4.91	1925.	45.	5.
1345	0000	-320	37.6465	81.8185		PPK	1.6 +	2.3 +	8.2 +	1.42	0.28	5.08	1931.	46.	4.
1346	0000	-321	37.6469	81.8186		PPK	1.5 +	2.3 +	7.9 +	1.51	0.29	5.14	1916.	47.	4.
1347	0000	-320	37.6473	81.8186		PPK	1.5 +	2.1	7.9 +	1.43	0.27	5.30	1878.	49.	4.
1348	0000	-319	37.6477	81.8186		PPK	1.5 +	2.3 +	7.5 +	1.58	0.31	5.13	1864.	49.	4.
1349	0000	-320	37.6481	81.8186		PPK	1.4 +	2.3 +	7.6 +	1.60	0.30	5.28	1848.	50.	4.
1350	0000	-322	37.6485	81.8186		PPK	1.4	2.4 +	7.4	1.71	0.32	5.34	1827.	50.	4.
1351	0000	-324	37.6488	81.8187		PPK	1.3	2.0	7.4	1.47	0.27	5.53	1772.	48.	4.
1352	0000	-323	37.6492	81.8187		PPK	1.3	1.9	7.1	1.43	0.27	5.37	1732.	51.	4.
1353	0000	-323	37.6496	81.8187		PPK	1.4	1.9	7.1	1.39	0.27	5.12	1732.	49.	5.
1354	0000	-324	37.6500	81.8187		PPK	1.4 +	2.0	7.0	1.38	0.28	4.90	1762.	49.	6.
1355	0000	-323	37.6504	81.8187		PPK	1.4 +	1.7	7.6 +	1.20	0.23	5.31	1770.	50.	6.
1356	0000	-324	37.6508	81.8187		PPK	1.4 +	1.5	7.4	1.08	0.21	5.18	1743.	51.	7.
1357	0000	-327	37.6512	81.8188		PPK	1.4 +	1.3	7.2	0.90 -	0.18 -	5.00	1706.	52.	8.
1358	0000	-326	37.6516	81.8188		PPK	1.4	1.2	7.2	0.88 -	0.17 -	5.23	1670.	53.	9.
1359	0000	-325	37.6520	81.8188		PPK	1.4	1.0 -	7.4	0.71 --	0.13 -	5.31	1640.	49.	10.
1360	0000	-326	37.6523	81.8188		PPK	1.3	0.9 -	7.2	0.69 --	0.13 -	5.54	1580.	48.	11.
1361	0000	-327	37.6527	81.8188		PPK	1.2	1.0 -	6.6	0.86 -	0.15 -	5.65	1491.	49.	11.
1362	0000	-327	37.6531	81.8188		PPK	1.1	1.0 -	6.0	0.93 -	0.17 -	5.43	1412.	50.	11.
1363	0000	-329	37.6535	81.8188		PPK	1.1	1.1	5.7	1.05	0.20	5.33	1358.	52.	10.
1364	0000	-330	37.6539	81.8188		PPK	1.0	1.2	5.4	1.15	0.22	5.21	1301.	53.	10.
1365	0000	-330	37.6543	81.8190		PPK	1.0	1.2	4.7	1.27	0.26	4.93	1241.	52.	10.
1366	0000	-332	37.6547	81.8190		PPK	0.9	1.2	4.4 -	1.35	0.27	4.93	1196.	53.	9.
1367	0000	-334	37.6551	81.8190		PPK	0.9	1.3	4.3 -	1.44	0.30	4.84	1171.	54.	9.
1368	0000	-335	37.6555	81.8190		PPK	0.9	1.1	4.3 -	1.29	0.26	4.99	1148.	53.	9.
1369	0000	-336	37.6558	81.8190		PPK	0.9	1.0 -	4.2 -	1.13	0.24	4.73	1130.	53.	9.
1370	0000	-335	37.6562	81.8190		PPK	0.9	0.9 -	4.2 -	1.03	0.21	4.82	1109.	51.	9.
1371	0000	-336	37.6566	81.8191		PPK	0.8	0.9 -	4.1 -	1.02	0.21	4.81	1087.	52.	9.
1372	0000	-338	37.6570	81.8191		PPK	0.9	0.9 -	4.4 -	1.06	0.20	5.20	1088.	54.	8.
1373	0000	-338	37.6574	81.8191		PPK	0.9	1.0 -	4.7	1.13	0.21	5.44	1081.	54.	6.
1374	0000	-337	37.6578	81.8191		PPK	0.9	1.0 -	4.6 -	1.08	0.21	5.13	1087.	54.	6.
1375	0000	-336	37.6582	81.8191		PPK	0.9	1.1	4.5 -	1.16	0.24	4.77	1094.	53.	4.
1376	0000	-339	37.6586	81.8191		PPK	0.9	1.2	4.2 -	1.32	0.29	4.52 -	1092.	53.	3.
1377	0000	-341	37.6590	81.8191		PPK	1.0	1.3	4.3 -	1.39	0.31	4.53 -	1103.	53.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-341	37.6593	81.8191		PPK	1.0	1.3	4.2 -	1.41	0.32	4.43 -	1107.	52.	1.
1379	0000	-341	37.6597	81.8191		PPK	1.0	1.4	4.3 -	1.36	0.31	4.34 -	1101.	51.	1.
1380	0000	-342	37.6601	81.8192		PPK	1.0	1.4	4.2 -	1.45	0.33	4.34 -	1088.	51.	1.
1381	0000	-343	37.6605	81.8192		PPK	0.9	1.4	4.1 -	1.52	0.34	4.42 -	1055.	51.	1.
1382	0000	-343	37.6609	81.8192		PPK	0.9	1.3	3.7 -	1.40	0.35	4.06 --	1035.	53.	0.
1383	0000	-344	37.6613	81.8192		PPK	0.9	1.3	4.0 -	1.47	0.34	4.37 -	1035.	53.	0.
1384	0000	-343	37.6617	81.8193		PPK	0.9	1.3	4.0 -	1.43	0.33	4.30 -	1062.	53.	0.
1385	0000	-342	37.6621	81.8194		PPK	1.0	1.5	4.1 -	1.49	0.36 +	4.19 -	1108.	52.	0.
1386	0000	-343	37.6625	81.8194		PPK	1.0	1.4	4.3 -	1.46	0.33	4.38 -	1155.	52.	1.
1387	0000	-342	37.6628	81.8194		PPK	1.0	1.6	4.3 -	1.50	0.36 +	4.18 -	1202.	54.	1.
1388	0000	-343	37.6632	81.8194		PPK	1.1	1.5	4.8	1.38	0.31	4.41 -	1259.	54.	1.
1389	0000	-343	37.6636	81.8194		PPK	1.1	1.7	5.4	1.61	0.32	5.06	1315.	52.	1.
1390	0000	-342	37.6640	81.8194		PPK	1.1	1.7	5.8	1.61	0.30	5.35	1363.	49.	1.
1391	0000	-343	37.6644	81.8194		PPK	1.1	1.8	6.3	1.61	0.29	5.64	1391.	48.	1.
1392	0000	-343	37.6648	81.8194		PPK	1.1	1.7	6.8	1.54	0.25	6.04	1425.	49.	2.
1393	0000	-342	37.6652	81.8194		PPK	1.2	1.8	6.7	1.56	0.27	5.68	1469.	50.	1.
1394	0000	-342	37.6656	81.8195		PPK	1.2	1.9	7.2	1.54	0.27	5.78	1537.	48.	1.
1395	0000	-342	37.6660	81.8195		PPK	1.2	1.9	7.7 +	1.57	0.25	6.25 +	1571.	46.	2.
1396	0000	-343	37.6663	81.8195		PPK	1.3	2.0	7.7 +	1.59	0.26	6.01	1600.	47.	2.
1397	0000	-343	37.6667	81.8195		PPK	1.3	2.2 +	7.3	1.75	0.30	5.80	1607.	47.	2.
1398	0000	-344	37.6671	81.8195		PPK	1.3	2.3 +	7.4	1.82	0.31	5.84	1635.	46.	2.
1399	0000	-343	37.6675	81.8196		PPK	1.3	2.5 +	7.8 +	1.92	0.31	6.10	1676.	46.	1.
1400	0000	-342	37.6679	81.8196		PPK	1.3	2.7 +	7.9 +	2.10 +	0.34	6.13	1717.	46.	1.
1401	0000	-341	37.6683	81.8196		PPK	1.3	2.7 +	8.1 +	1.99 +	0.33	6.03	1779.	46.	1.
1402	0000	-340	37.6687	81.8196		PPK	1.5 +	2.8 +	8.4 +	1.86	0.33	5.65	1864.	46.	0.
1403	0000	-338	37.6691	81.8197		PPK	1.6 +	2.8 +	8.9 +	1.78	0.31	5.72	1926.	45.	0.
1404	0000	-339	37.6695	81.8197		PPK	1.6 +	2.6 +	9.4 ++	1.60	0.28	5.73	1982.	44.	1.
1405	0000	-340	37.6698	81.8197		PPK	1.7 +	2.5 +	9.1 ++	1.50	0.28	5.45	1988.	45.	2.
1406	0000	-342	37.6702	81.8197		PPK	1.6 +	2.6 +	8.9 +	1.57	0.29	5.49	1966.	46.	2.
1407	0000	-345	37.6707	81.8197		PPK	1.6 +	2.2 +	8.9 +	1.34	0.24	5.49	1922.	47.	4.
1408	0000	-347	37.6710	81.8198		PPK	1.5 +	2.1	8.4 +	1.36	0.25	5.43	1837.	47.	6.
1409	0000	-347	37.6714	81.8198		PPK	1.4 +	2.0	7.4	1.37	0.27	5.09	1764.	47.	8.
1410	0000	-348	37.6718	81.8198		PPK	1.4	1.6	7.2	1.14	0.22	5.10	1740.	48.	10.
1411	0000	-350	37.6722	81.8198		PPK	1.4	1.5	6.8	1.09	0.22	4.95	1707.	49.	11.
1412	0000	-351	37.6726	81.8198		PPK	1.4	1.3	6.9	0.99 -	0.20	5.04	1682.	48.	12.
1413	0000	-352	37.6730	81.8199		PPK	1.4	0.8 -	6.5	0.61 --	0.13 -	4.65 -	1675.	49.	14.
1414	0000	-350	37.6734	81.8199		PPK	1.4	0.9 -	6.8	0.63 --	0.13 -	4.92	1671.	47.	13.
1415	0000	-350	37.6737	81.8199		PPK	1.3	0.8 -	6.5	0.62 --	0.13 -	4.90	1631.	48.	13.
1416	0000	-353	37.6741	81.8199		PPK	1.3	0.9 -	6.8	0.68 --	0.13 -	5.36	1575.	47.	12.
1417	0000	-352	37.6745	81.8199		PPK	1.2	1.1	6.4	0.91 -	0.17 -	5.28	1505.	46.	9.
1418	0000	-353	37.6749	81.8200		PPK	1.2	1.0 -	6.5	0.88 -	0.16 -	5.60	1479.	47.	8.
1419	0000	-355	37.6753	81.8200		PPK	1.1	1.3	6.6	1.15	0.20	5.86	1466.	48.	6.
1420	0000	-356	37.6757	81.8200		PPK	1.1	1.6	6.8	1.51	0.23	6.41 +	1465.	46.	5.
1421	0000	-360	37.6761	81.8200		PPK	1.1	1.5	6.6	1.32	0.23	5.84	1506.	48.	6.
1422	0000	-360	37.6765	81.8201		PPK	1.2	1.5	7.1	1.23	0.21	5.76	1573.	46.	6.
1423	0000	-358	37.6769	81.8201		PPK	1.2	1.7	6.9	1.39	0.25	5.56	1614.	46.	6.
1424	0000	-359	37.6772	81.8201		PPK	1.3	1.5	6.7	1.13	0.22	5.07	1633.	48.	8.
1425	0000	-360	37.6776	81.8201		PPK	1.4	1.3	6.8	0.96 -	0.20	4.90	1623.	48.	9.
1426	0000	-360	37.6780	81.8201		PPK	1.4 +	1.1	6.7	0.78 -	0.17 -	4.69	1630.	47.	11.
1427	0000	-360	37.6784	81.8202		PPK	1.5 +	0.8 -	6.6	0.53 --	0.12 -	4.50 -	1634.	47.	12.
1428	0000	-361	37.6788	81.8202		PPK	1.4 +	0.9 -	6.8	0.59 --	0.12 -	4.77	1610.	47.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-362	37.6792	81.8202	PPK	1.4	0.9 -	7.6 +	0.66 --	0.12 -	5.43	1658.	47.	11.
1430	0000	-362	37.6796	81.8202	PPK	1.5 +	1.0 -	8.2 +	0.65 --	0.12 -	5.31	1738.	48.	11.
1431	1000	-363	37.6800	81.8202	PPK	1.6 +	1.1 -	8.5 +	0.64 --	0.12 -	5.20	1820.	47.	11.
1432	1000	-367	37.6804	81.8202	PPK	1.7 +	1.3	7.9 +	0.74 -	0.17 -	4.50 -	1877.	49.	10.
1433	1000	-369	37.6807	81.8202	PPK	1.7 +	1.7	8.2 +	0.99 -	0.21	4.75	1915.	49.	9.
1434	1000	-370	37.6811	81.8202	PPK	1.7 +	2.1	8.0 +	1.24	0.27	4.64 -	1889.	50.	8.
1435	1000	-370	37.6815	81.8202	PPK	1.6 +	2.5 +	7.6 +	1.53	0.33	4.66 -	1859.	49.	7.
1436	1000	-370	37.6819	81.8203	PPK	1.6 +	2.6 +	6.6	1.60	0.40 +	4.04 --	1775.	49.	7.
1437	1000	-371	37.6823	81.8203	PPK	1.5 +	2.2 +	6.6	1.45	0.33	4.35 -	1717.	47.	7.
1438	1000	-372	37.6827	81.8203	PPK	1.4	2.6 +	7.1	1.91	0.37 +	5.17	1655.	46.	6.
1439	1000	-373	37.6831	81.8203	PPK	1.3	2.7 +	7.7 +	2.11 +	0.34	6.13	1609.	45.	6.
1440	0000	-372	37.6835	81.8203	PPK	1.2	2.4 +	7.3	1.91	0.32	5.88	1558.	44.	7.
1441	0000	-371	37.6839	81.8204	PPK	1.2	2.2 +	7.5	1.89	0.30	6.34 +	1556.	45.	7.
1442	0000	-373	37.6842	81.8204	PPK	1.2	1.9	7.6 +	1.58	0.25	6.34 +	1562.	46.	8.
1443	0000	-375	37.6846	81.8204	PPK	1.2	1.5	8.2 +	1.28	0.19	6.79 +	1572.	46.	8.
1444	0000	-376	37.6850	81.8204	PPK	1.2	1.5	7.7 +	1.22	0.20	6.20	1545.	46.	9.
1445	0000	-375	37.6854	81.8204	PPK	1.2	1.2	7.6 +	1.02	0.16 -	6.28 +	1521.	48.	9.
1446	0000	-376	37.6858	81.8205	PPK	1.2	1.3	7.6 +	1.10	0.17 -	6.44 +	1552.	47.	10.
1447	0000	-378	37.6862	81.8205	PPK	1.3	1.2	8.0 +	0.92 -	0.15 -	6.17	1629.	49.	10.
1448	0000	-378	37.6866	81.8205	PPK	1.4	1.1	8.2 +	0.80 -	0.13 -	6.03	1654.	48.	10.
1449	0000	-381	37.6870	81.8205	PPK	1.4	1.0 -	8.1 +	0.75 -	0.13 -	5.83	1665.	47.	10.
1450	0000	-383	37.6874	81.8205	PPK	1.4	1.1	7.6 +	0.79 -	0.15 -	5.44	1677.	48.	10.
1451	0000	-382	37.6877	81.8206	PPK	1.4	1.4	8.0 +	1.02	0.18 -	5.80	1714.	48.	9.
1452	0000	-382	37.6881	81.8206	PPK	1.5 +	1.3	7.8 +	0.90 -	0.17 -	5.36	1755.	46.	8.
1453	0000	-382	37.6886	81.8206	PPK	1.5 +	1.4	7.7 +	0.94 -	0.18 -	5.21	1799.	46.	7.
1454	0000	-382	37.6889	81.8206	PPK	1.4 +	1.7	7.8 +	1.19	0.22	5.39	1792.	47.	6.
1455	0000	-383	37.6893	81.8206	PPK	1.4 +	1.9	8.0 +	1.33	0.24	5.53	1815.	49.	5.
1456	0000	-383	37.6897	81.8207	PPK	1.5 +	2.0	8.2 +	1.34	0.25	5.45	1864.	49.	3.
1457	0000	-382	37.6901	81.8207	PPK	1.6 +	2.1	8.4 +	1.33	0.25	5.26	1898.	49.	3.
1458	0000	-381	37.6905	81.8207	PPK	1.6 +	2.0	8.5 +	1.27	0.24	5.29	1932.	53.	3.
1459	0000	-382	37.6909	81.8207	PPK	1.7 +	2.1	8.7 +	1.25	0.24	5.12	1984.	55.	3.
1460	0000	-383	37.6912	81.8208	PPK	1.7 +	2.1	8.8 +	1.23	0.23	5.21	1988.	55.	4.
1461	0000	-386	37.6916	81.8208	PPK	1.7 +	2.0	8.5 +	1.14	0.23	4.93	1992.	54.	5.
1462	0000	-389	37.6920	81.8208	PPK	1.8 +	1.9	7.8 +	1.08	0.25	4.39 -	2028.	53.	6.
1463	0000	-391	37.6924	81.8208	PPK	1.8 +	2.0	7.8 +	1.09	0.26	4.24 -	2050.	54.	7.
1464	0000	-393	37.6929	81.8208	PPK	1.8 +	2.1	7.8 +	1.21	0.27	4.40 -	2041.	54.	6.
1465	0000	-393	37.6932	81.8209	PPK	1.8 +	2.0	7.4	1.12	0.27	4.19 -	1989.	51.	7.
1466	0000	-394	37.6936	81.8209	PPK	1.7 +	2.0	6.9	1.18	0.28	4.14 -	1924.	52.	8.
1467	0000	-395	37.6940	81.8209	PPK	1.6 +	1.7	6.8	1.05	0.25	4.11 -	1854.	53.	8.
1468	0000	-394	37.6944	81.8209	PPK	1.6 +	1.6	7.0	1.04	0.23	4.41 -	1812.	53.	8.
1469	0000	-395	37.6947	81.8209	PPK	1.5 +	1.6	7.1	1.09	0.23	4.66 -	1747.	55.	7.
1470	0000	-396	37.6951	81.8210	PPK	1.4	1.6	6.9	1.16	0.24	4.91	1686.	54.	7.
1471	0000	-396	37.6955	81.8210	PPK	1.4	1.5	6.6	1.13	0.23	4.86	1662.	55.	8.
1472	0000	-398	37.6959	81.8210	PPK	1.4	1.5	6.1	1.12	0.25	4.48 -	1626.	56.	8.
1473	0000	-398	37.6964	81.8210	PPK	1.3	1.5	6.2	1.19	0.25	4.73	1573.	56.	9.
1474	0000	-397	37.6967	81.8210	PPK	1.3	1.6	6.0	1.31	0.27	4.82	1536.	55.	9.
1475	0000	-398	37.6971	81.8210	PPK	1.2	1.3	6.0	1.12	0.22	4.99	1489.	53.	9.
1476	0000	-400	37.6975	81.8210	PPK	1.2	1.0 -	5.9	0.85 -	0.17 -	5.05	1441.	53.	10.
1477	0000	-402	37.6979	81.8210	PPK	1.1	1.0 -	5.8	0.86 -	0.17 -	5.09	1407.	51.	10.
1478	0000	-402	37.6983	81.8211	PPK	1.2	0.9 -	5.6	0.73 -	0.15 -	4.82	1377.	53.	10.
1479	0000	-402	37.6987	81.8212	PPK	1.1	0.9 -	6.0	0.79 -	0.15 -	5.24	1414.	51.	10.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-403	37.6991	81.8212		PPK	1.2	0.8 -	6.0	0.72 -	0.14 -	5.06	1463.	52.	11.
1481	0000	-403	37.6994	81.8212		PPK	1.3	0.9 -	6.3	0.75 -	0.15 -	4.96	1546.	52.	12.
1482	0000	-404	37.6998	81.8212		PPK	1.4	1.1	6.4	0.82 -	0.17 -	4.70	1625.	54.	13.
1483	0000	-406	37.7002	81.8212		PPK	1.4	1.4	6.4	1.01	0.21	4.70	1707.	54.	14.
1484	0000	-407	37.7006	81.8213		PPK	1.4	1.3	6.8	0.92 -	0.19 -	4.95	1729.	55.	15.
1485	0000	-407	37.7010	81.8213		PPK	1.3	1.1	6.9	0.83 -	0.16 -	5.25	1747.	52.	17.
1486	0000	-409	37.7014	81.8213		PPK	1.3	0.9 -	7.0	0.70 --	0.13 -	5.27	1729.	52.	19.
1487	0000	-410	37.7018	81.8213		PPK	1.3	0.8 -	7.3	0.60 --	0.11 -	5.50	1711.	49.	19.
1488	0000	-408	37.7021	81.8213		PPK	1.3	0.7 --	7.0	0.56 --	0.10 --	5.55	1655.	48.	20.
1489	0000	-410	37.7025	81.8213		PPK	1.2	0.6 --	6.6	0.51 ---	0.09 --	5.41	1587.	48.	19.
1490	0000	-411	37.7029	81.8213		PPK	1.3	0.5 ---	6.5	0.39 ---	0.08 --	5.18	1546.	48.	19.
1491	0000	-410	37.7034	81.8213		PPK	1.3	0.5 --	6.7	0.41 ---	0.08 --	5.05	1591.	49.	18.
1492	0000	-412	37.7037	81.8214		PPK	1.4	0.6 --	7.3	0.45 ---	0.09 --	5.19	1663.	47.	16.
1493	0000	-413	37.7041	81.8214		PPK	1.4	0.8 -	7.8 +	0.58 --	0.10 --	5.52	1704.	48.	15.
1494	0000	-411	37.7045	81.8214		PPK	1.4 +	0.8 -	8.0 +	0.57 --	0.10 --	5.53	1723.	47.	13.
1495	0000	-413	37.7049	81.8214		PPK	1.4 +	0.8 -	7.6 +	0.53 --	0.10 --	5.28	1704.	47.	12.
1496	0000	-414	37.7053	81.8214		PPK	1.4	0.8 -	7.5	0.55 --	0.10 --	5.39	1691.	46.	11.
1497	0000	-413	37.7057	81.8214		PPK	1.3	0.8 -	7.5	0.63 --	0.11 -	5.78	1667.	45.	11.
1498	0000	-413	37.7061	81.8215		PPK	1.3	0.7 --	7.0	0.56 --	0.10 --	5.55	1612.	46.	11.
1499	0000	-415	37.7064	81.8215		PPK	1.2	0.8 -	6.3	0.69 --	0.13 -	5.38	1520.	48.	10.
1500	0000	-417	37.7068	81.8215		PPK	1.1	0.8 -	5.7	0.67 --	0.13 -	4.99	1456.	47.	10.
1501	0000	-418	37.7072	81.8215		PPK	1.1	0.8 -	5.1	0.73 -	0.16 -	4.67 -	1392.	48.	10.
1502	0000	-419	37.7076	81.8215		PPK	1.1	0.7 --	5.0	0.68 --	0.15 -	4.60 -	1358.	49.	10.
1503	0000	-419	37.7080	81.8216		PPK	1.1	0.9 -	5.4	0.82 -	0.17 -	4.93	1353.	48.	9.
1504	0000	-420	37.7084	81.8216		PPK	1.1	1.0 -	5.4	0.88 -	0.18 -	4.79	1353.	50.	8.
1505	0000	-421	37.7088	81.8216		PPK	1.1	1.0 -	5.6	0.88 -	0.18 -	4.91	1367.	50.	8.
1506	0000	-421	37.7092	81.8217		PPK	1.3	1.1	6.3	0.89 -	0.18 -	4.92	1430.	47.	7.
1507	0000	-422	37.7095	81.8217		PPK	1.4	1.5	6.5	1.06	0.23	4.70	1522.	48.	8.
1508	0000	-424	37.7099	81.8217		PPK	1.5 +	1.5	7.2	1.01	0.21	4.82	1635.	47.	8.
1509	0000	-424	37.7104	81.8217		PPK	1.6 +	1.4	7.6 +	0.89 -	0.18 -	4.88	1734.	47.	8.
1510	0000	-423	37.7107	81.8217		PPK	1.7 +	1.3	7.5	0.75 -	0.17 -	4.47 -	1803.	48.	8.
1511	0000	-423	37.7111	81.8217		PPK	1.7 +	1.1	7.8 +	0.65 --	0.14 -	4.54 -	1857.	49.	9.
1512	0000	-424	37.7115	81.8217		PPK	1.7 +	1.2	7.8 +	0.68 --	0.15 -	4.46 -	1888.	47.	8.
1513	0000	-424	37.7119	81.8218		PPK	1.7 +	1.3	7.6 +	0.74 -	0.16 -	4.48 -	1880.	49.	8.
1514	0000	-426	37.7123	81.8218		PPK	1.6 +	1.2	7.9 +	0.72 -	0.15 -	4.80	1850.	47.	6.
1515	0000	-426	37.7126	81.8218		PPK	1.6 +	1.2	7.5	0.77 -	0.16 -	4.68 -	1797.	50.	5.
1516	0000	-425	37.7130	81.8218		PPK	1.6 +	1.6	7.7 +	1.04	0.21	4.94	1776.	51.	4.
1517	0000	-428	37.7134	81.8219		PPK	1.5 +	1.9	7.7 +	1.24	0.24	5.15	1759.	50.	3.
1518	0000	-430	37.7139	81.8219		PPK	1.4 +	2.0	7.5	1.38	0.26	5.24	1694.	49.	3.
1519	0000	-431	37.7142	81.8219		PPK	1.3	2.0	7.3	1.50	0.28	5.44	1602.	50.	3.
1520	0000	-432	37.7146	81.8219		PPK	1.3	1.7	7.0	1.32	0.24	5.56	1510.	49.	4.
1521	0000	-433	37.7150	81.8219		PPK	1.2	1.6	6.2	1.37	0.26	5.22	1401.	49.	4.
1522	0000	-435	37.7154	81.8220		PPK	1.0	1.6	5.5	1.56	0.29	5.30	1304.	49.	4.
1523	0000	-436	37.7158	81.8220		PPK	0.9	1.5	5.2	1.62	0.30	5.48	1219.	49.	4.
1524	0000	-437	37.7161	81.8220		PPK	0.9	1.5	4.8	1.73	0.31	5.57	1124.	50.	3.
1525	0000	-438	37.7166	81.8220		PPK	0.9	1.4	4.5 -	1.65	0.31	5.31	1081.	48.	4.
1526	0000	-438	37.7169	81.8220		PPK	0.8 -	1.5	4.0 -	1.81	0.37 +	4.89	1047.	49.	4.
1527	0000	-439	37.7173	81.8221		PPK	0.7 -	1.8	3.8 -	2.42 +	0.47 ++	5.13	1025.	50.	2.
1528	0000	-442	37.7177	81.8221		PPK	0.7 -	1.6	4.0 -	2.26 +	0.40 +	5.72	1035.	50.	3.
1529	0000	-442	37.7181	81.8221		PPK	0.7 -	1.5	4.3 -	2.12 +	0.35	6.06	1034.	48.	4.
1530	0000	-441	37.7185	81.8221		PPK	0.8 -	1.4	4.2 -	1.75	0.33	5.27	1037.	49.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-443	37.7189	81.8221		PPK	0.8 -	1.2	4.0 -	1.43	0.29	4.97	1030.	51.	5.
1532	0000	-444	37.7193	81.8221		PPK	0.7 -	1.2	3.7 -	1.64	0.32	5.07	1017.	51.	6.
1533	0000	-443	37.7196	81.8221		PPK	0.7 -	0.9 -	4.0 -	1.22	0.22	5.66	1000.	50.	7.
1534	0000	-444	37.7200	81.8222		PPK	0.8 -	0.5 ---	4.0 -	0.67 --	0.13 -	5.34	994.	51.	8.
1535	0000	-444	37.7205	81.8222		PPK	0.8 -	0.4 ---	4.1 -	0.49 ---	0.09 --	5.36	973.	50.	8.
1536	0010	-446	37.7209	81.8222		PPK	0.8 -	0.3 N.A.	4.1 -	0.44 N.A.	0.08 N.A.	5.34	989.	50.	9.
1537	0000	-447	37.7212	81.8222		PPK	0.7 -	0.5 ---	4.0 -	0.66 --	0.12 -	5.55	996.	51.	8.
1538	0000	-447	37.7216	81.8222		PPK	0.7 -	0.6 --	3.9 -	0.84 -	0.15 -	5.59	1016.	51.	9.
1539	0010	-449	37.7220	81.8222		PPK	0.7 -	0.4 N.A.	4.1 -	0.56 N.A.	0.10 N.A.	5.65	1025.	51.	9.
1540	0010	-450	37.7224	81.8222		PPK	0.8 -	0.4 N.A.	4.0 -	0.57 N.A.	0.11 N.A.	5.23	1040.	51.	10.
1541	0000	-447	37.7228	81.8224		PPK	0.8 -	0.7 --	3.8 -	0.89 -	0.18 -	4.89	1049.	53.	10.
1542	0000	-448	37.7232	81.8224		PPK	0.8 -	0.9 -	3.3 -	1.21	0.29	4.17 -	1067.	53.	10.
1543	0000	-450	37.7235	81.8224		PPK	0.7 -	1.3	3.4 -	1.81	0.39 +	4.66 -	1080.	54.	9.
1544	0000	-450	37.7239	81.8224		PPK	0.7 -	1.0 -	4.0 -	1.36	0.26	5.30	1093.	53.	9.
1545	0000	-449	37.7243	81.8224		PPK	0.8 -	1.1 -	4.8	1.41	0.22	6.37 +	1110.	52.	8.
1546	0000	-450	37.7247	81.8224		PPK	0.8 -	1.3	4.9	1.75	0.27	6.55 +	1126.	53.	8.
1547	0000	-451	37.7251	81.8224		PPK	0.7 -	1.7	4.8	2.30 +	0.36 +	6.42 +	1164.	51.	7.
1548	0000	-451	37.7255	81.8225		PPK	0.7 -	1.7	5.1	2.37 +	0.33	7.12 +	1176.	48.	7.
1549	0000	-450	37.7259	81.8225		PPK	0.7 -	1.5	5.7	2.07 +	0.26	7.98 ++	1176.	50.	7.
1550	0000	-449	37.7263	81.8225		PPK	0.8 -	1.4	5.7	1.82	0.24	7.53 ++	1186.	49.	8.
1551	0000	-450	37.7267	81.8225		PPK	0.7 -	1.5	5.3	2.11 +	0.29	7.28 ++	1189.	48.	10.
1552	0000	-451	37.7271	81.8225		PPK	0.7 -	1.4	4.8	1.92	0.29	6.52 +	1201.	48.	11.
1553	0000	-450	37.7274	81.8225		PPK	0.8 -	1.3	5.0	1.59	0.25	6.27 +	1232.	47.	12.
1554	0000	-451	37.7279	81.8225		PPK	0.8 -	1.0 -	5.3	1.29	0.20	6.57 +	1239.	47.	12.
1555	0000	-451	37.7282	81.8226		PPK	0.9	1.0 -	5.1	1.13	0.19	5.81	1265.	47.	13.
1556	0000	-450	37.7286	81.8226		PPK	0.9	1.2	5.0	1.31	0.24	5.49	1299.	45.	13.
1557	0000	-452	37.7290	81.8226		PPK	1.0	1.0 -	5.3	1.01	0.18 -	5.52	1328.	45.	13.
1558	0000	-452	37.7294	81.8226		PPK	1.0	1.0 -	5.1	1.07	0.21	5.21	1357.	44.	13.
1559	0000	-450	37.7298	81.8226		PPK	1.1	1.1 -	4.8	1.00	0.22	4.55 -	1384.	45.	13.
1560	0000	-449	37.7302	81.8227		PPK	1.1	1.1	4.6 -	0.99 -	0.23	4.21 -	1398.	45.	12.
1561	0000	-449	37.7305	81.8227		PPK	1.2	1.1	4.6 -	0.94 -	0.24	3.97 --	1411.	47.	12.
1562	0000	-451	37.7310	81.8227		PPK	1.2	1.1 -	5.1	0.87 -	0.21	4.20 -	1435.	46.	12.
1563	0000	-452	37.7314	81.8227		PPK	1.2	1.1	5.0	0.89 -	0.21	4.15 -	1439.	46.	11.
1564	0000	-452	37.7317	81.8227		PPK	1.2	1.3	4.9	1.02	0.26	3.95 --	1449.	46.	10.
1565	0000	-450	37.7321	81.8228		PPK	1.3	1.3	5.2	1.00	0.24	4.11 -	1459.	46.	9.
1566	0000	-450	37.7325	81.8228		PPK	1.3	1.4	6.2	1.12	0.23	4.91	1490.	43.	7.
1567	0000	-453	37.7329	81.8228		PPK	1.2	1.5	6.4	1.19	0.23	5.13	1499.	44.	6.
1568	0000	-451	37.7333	81.8228		PPK	1.3	1.5	6.4	1.18	0.24	4.94	1528.	43.	5.
1569	0000	-450	37.7337	81.8228		PPK	1.3	1.7	6.4	1.34	0.27	5.03	1533.	44.	5.
1570	0000	-450	37.7341	81.8229		PPK	1.3	1.5	6.8	1.15	0.22	5.27	1566.	45.	6.
1571	0000	-447	37.7344	81.8229		PPK	1.4 +	1.1	7.2	0.78 -	0.15 -	5.02	1606.	44.	6.
1572	0000	-445	37.7348	81.8229		PPK	1.4 +	1.0 -	7.5	0.71 --	0.14 -	5.16	1668.	42.	7.
1573	0000	-446	37.7352	81.8229		PPK	1.5 +	0.8 -	6.9	0.51 ---	0.11 -	4.47 -	1708.	43.	10.
1574	0000	-446	37.7356	81.8229		PPK	1.6 +	0.8 -	7.1	0.49 ---	0.11 -	4.52 -	1750.	44.	10.
1575	0000	-447	37.7361	81.8229		PPK	1.5 +	0.7 --	7.4	0.46 ---	0.10 --	4.77	1783.	45.	12.
1576	0000	-449	37.7364	81.8229		PPK	1.5 +	0.8 -	7.3	0.51 ---	0.10 --	4.91	1783.	44.	12.
1577	0000	-452	37.7368	81.8229		PPK	1.5 +	1.0 -	7.0	0.64 --	0.14 -	4.67 -	1768.	46.	12.
1578	0000	-456	37.7373	81.8229		PPK	1.4	1.2	6.5	0.90 -	0.19	4.81	1738.	48.	12.
1579	0000	-459	37.7377	81.8228		PPK	1.3	1.3	6.5	0.94 -	0.19	4.81	1692.	48.	11.
1580	0000	-462	37.7381	81.8228		PPK	1.2	1.4	6.6	1.13	0.21	5.41	1649.	49.	10.
1581	0000	-464	37.7385	81.8228		PPK	1.2	1.6	6.6	1.33	0.24	5.46	1648.	49.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-466	37.7389	81.8228	PPK	1.2	2.0	6.6	1.64	0.30	5.53	1658.	46.	7.
1583	0000	-467	37.7393	81.8228	PPK	1.3	2.0	6.6	1.60	0.31	5.17	1710.	47.	8.
1584	0000	-469	37.7397	81.8228	PPK	1.4	2.0	7.2	1.50	0.28	5.35	1780.	44.	7.
1585	0000	-469	37.7401	81.8228	PPK	1.4 +	2.0	7.7 +	1.39	0.26	5.33	1845.	44.	6.
1586	0000	-470	37.7405	81.8228	PPK	1.6 +	2.1	8.1 +	1.37	0.26	5.20	1915.	48.	6.
1587	0000	-474	37.7409	81.8228	PPK	1.7 +	2.3 +	8.2 +	1.40	0.28	4.95	1970.	44.	6.
1588	0000	-474	37.7413	31.8227	PPK	1.8 +	2.0	8.5 +	1.16	0.24	4.84	2011.	44.	6.
1589	0000	-475	37.7417	81.8227	PPK	1.9 ++	1.8	9.1 ++	0.98 -	0.20	4.87	2045.	48.	6.
1590	0000	-477	37.7421	81.8227	PPK	1.9 ++	1.8	9.5 ++	0.96 -	0.19	4.98	2064.	47.	5.
1591	0000	-476	37.7425	81.8227	PPK	1.9 ++	1.8	9.3 ++	0.94 -	0.19	4.94	2063.	49.	6.
1592	0000	-476	37.7429	81.8228	PPK	1.9 ++	2.0	9.2 ++	1.03	0.21	4.85	2086.	47.	7.
1593	0000	-480	37.7433	81.8227	PPK	1.9 ++	2.0	9.4 ++	1.04	0.21	4.86	2110.	43.	7.
1594	0000	-482	37.7437	81.8227	PPK	1.9 ++	2.0	9.4 ++	1.05	0.21	4.90	2125.	45.	7.
1595	0000	-481	37.7441	81.8227	PPK	1.9 ++	2.4 +	9.0 ++	1.26	0.26	4.83	2129.	46.	6.
1596	0000	-481	37.7445	81.8227	PPK	1.8 +	2.2 +	8.9 +	1.22	0.25	4.90	2108.	45.	7.
1597	0000	-484	37.7449	81.8226	PPK	1.8 +	2.1	8.4 +	1.15	0.25	4.64 -	2070.	48.	7.
1598	0000	-484	37.7453	81.8226	PPK	1.8 +	2.2 +	8.1 +	1.20	0.27	4.49 -	2028.	50.	6.
1599	0000	-484	37.7457	81.8226	PPK	1.8 +	1.9	7.5	1.06	0.25	4.23 -	1951.	50.	6.
1600	0000	-485	37.7461	81.8226	PPK	1.6 +	1.8	7.0	1.13	0.26	4.29 -	1848.	52.	5.
1601	0000	-485	37.7465	81.8227	PPK	1.5 +	1.7	6.5	1.14	0.27	4.20 -	1743.	52.	5.
1602	0000	-486	37.7469	81.8226	PPK	1.5 +	1.5	6.2	0.97 -	0.24	4.10 -	1628.	54.	5.
1603	0000	-486	37.7473	81.8226	PPK	1.4	1.4	5.4	1.00	0.26	3.87 --	1505.	53.	5.
1604	0000	-485	37.7477	81.8226	PPK	1.3	1.2	5.3	0.98 -	0.23	4.20 -	1409.	51.	5.
1605	0000	-488	37.7481	81.8226	PPK	1.2	1.1	5.0	0.94 -	0.22	4.27 -	1304.	48.	5.
1606	0000	-491	37.7485	81.8225	PPK	1.0	1.1	4.8	1.10	0.23	4.70	1215.	48.	5.
1607	0000	-490	37.7489	81.8225	PPK	0.9	1.1 -	4.2 -	1.13	0.25	4.50 -	1126.	48.	6.
1608	0000	-491	37.7493	81.8225	PPK	0.9	0.9 -	4.3 -	0.99 -	0.20	4.86	1068.	48.	6.
1609	0000	-492	37.7497	81.8226	PPK	0.8 -	0.8 -	4.2 -	1.08	0.20	5.53	1031.	46.	7.
1610	0000	-492	37.7501	81.8226	PPK	0.7 -	1.1 -	3.8 -	1.51	0.28	5.40	1017.	48.	6.
1611	0000	-493	37.7505	81.8225	PPK	0.7 -	1.0 -	3.9 -	1.43	0.27	5.39	1024.	48.	6.
1612	0000	-495	37.7509	81.8225	PPK	0.7 -	1.0 -	4.1 -	1.39	0.25	5.54	1066.	50.	6.
1613	0000	-495	37.7513	81.8225	PPK	0.8 -	1.0 -	4.5 -	1.28	0.23	5.46	1117.	50.	6.
1614	0000	-495	37.7517	81.8225	PPK	0.9	0.9 -	5.0	1.01	0.18 -	5.45	1179.	52.	6.
1615	0000	-495	37.7521	81.8224	PPK	1.0	1.0 -	5.4	0.95 -	0.18 -	5.34	1254.	53.	6.
1616	0000	-496	37.7525	81.8224	PPK	1.1	0.7 --	5.6	0.61 --	0.12 -	5.14	1296.	52.	7.
1617	0000	-497	37.7529	81.8225	PPK	1.2	0.4 ---	6.0	0.34 ---	0.07 --	5.13	1326.	51.	9.
1618	0000	-497	37.7533	81.8225	PPK	1.1	0.5 ---	5.7	0.44 ---	0.09 --	5.07	1329.	49.	10.
1619	0000	-499	37.7537	81.8225	PPK	1.1	0.6 --	5.7	0.56 --	0.11 -	5.29	1289.	49.	10.
1620	0000	-498	37.7541	81.8224	PPK	1.0	0.6 --	5.3	0.60 --	0.12 -	5.22	1241.	49.	10.
1621	0000	-499	37.7545	81.8224	PPK	1.0	0.8 -	4.9	0.82 -	0.16 -	5.15	1192.	47.	10.
1622	0000	-503	37.7549	81.8224	PPK	0.9	0.9 -	4.6 -	0.99 -	0.19	5.25	1127.	46.	9.
1623	0000	-502	37.7554	81.8224	PPK	0.8 -	1.2	4.5 -	1.48	0.27	5.49	1113.	46.	7.
1624	0000	-502	37.7557	81.8223	PPK	0.8 -	1.5	4.5 -	1.95 +	0.33	5.86	1116.	46.	5.
1625	0000	-504	37.7561	81.8223	PPK	0.9	1.4	4.5 -	1.58	0.30	5.23	1140.	49.	5.
1626	0000	-504	37.7565	81.8224	PPK	0.9	1.3	4.2 -	1.47	0.32	4.62 -	1184.	51.	5.
1627	0000	-504	37.7570	81.8224	PPK	1.0	1.5	4.4 -	1.54	0.35	4.42 -	1239.	51.	5.
1628	0000	-505	37.7574	81.8224	PPK	1.1	1.3	4.7	1.24	0.28	4.42 -	1322.	51.	6.
1629	0000	-505	37.7578	81.8222	PPK	1.1	1.3	5.3	1.11	0.24	4.66 -	1401.	50.	7.
1630	0000	-504	37.7582	81.8223	PPK	1.3	1.1	5.3	0.85 -	0.21	4.13 -	1469.	51.	8.
1631	0000	-504	37.7585	81.8223	PPK	1.4 +	1.2	5.6	0.82 -	0.21	3.86 --	1553.	51.	9.
1632	0000	-505	37.7590	81.8223	PPK	1.5 +	1.5	5.6	1.00	0.27	3.76 --	1631.	50.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	1000	-506	37.7594	81.8222		PPK	1.6 +	1.5	6.4	0.94 -	0.24	3.95 --	1723.	49.	11.
1634	1000	-506	37.7598	81.8222		PPK	1.6 +	1.5	7.2	0.98 -	0.21	4.62 -	1799.	46.	10.
1635	1000	-504	37.7602	81.8222		PPK	1.6 +	1.7	7.0	1.10	0.25	4.43 -	1852.	48.	10.
1636	1000	-505	37.7606	81.8222		PPK	1.6 +	2.0	6.8	1.27	0.29	4.31 -	1892.	48.	9.
1637	1000	-506	37.7610	81.8222		PPK	1.5 +	2.2 +	7.1	1.45	0.31	4.68 -	1903.	48.	8.
1638	1000	-504	37.7614	81.8222		PPK	1.5 +	2.0	7.0	1.31	0.29	4.55 -	1916.	45.	8.
1639	1000	-504	37.7618	81.8222		PPK	1.6 +	1.9	8.1 +	1.20	0.23	5.18	1925.	46.	8.
1640	1000	-502	37.7622	81.8222		PPK	1.5 +	1.9	8.4 +	1.28	0.23	5.58	1930.	45.	7.
1641	1000	-500	37.7626	81.8222		PPK	1.5 +	2.0	8.0 +	1.29	0.25	5.23	1915.	50.	8.
1642	1000	-502	37.7630	81.8221		PPK	1.6 +	1.8	8.7 +	1.11	0.20	5.45	1947.	48.	8.
1643	1000	-502	37.7634	81.8221		PPK	1.6 +	1.6	9.4 ++	0.99 -	0.17 -	5.69	1981.	49.	8.
1644	1000	-498	37.7638	81.8221		PPK	1.7 +	1.7	9.6 ++	0.97 -	0.17 -	5.64	2007.	51.	9.
1645	1000	-499	37.7642	81.8221		PPK	1.6 +	1.8	10.1 ++	1.08	0.17 -	6.16	2033.	50.	9.
1646	1000	-501	37.7646	81.8221		PPK	1.6 +	1.8	9.4 ++	1.15	0.20	5.83	2017.	50.	8.
1647	1000	-503	37.7650	81.8221		PPK	1.6 +	1.8	8.7 +	1.14	0.21	5.39	1989.	48.	8.
1648	0000	-505	37.7654	81.8221		PPK	1.6 +	1.8	8.6 +	1.11	0.21	5.35	1940.	48.	7.
1649	0000	-506	37.7658	81.8221		PPK	1.5 +	1.9	7.9 +	1.25	0.24	5.29	1840.	49.	6.
1650	0000	-506	37.7662	81.8221		PPK	1.4	1.7	7.0	1.22	0.25	4.95	1729.	51.	6.
1651	0000	-506	37.7666	81.8220		PPK	1.3	1.6	6.3	1.21	0.26	4.73	1635.	49.	6.
1652	0000	-506	37.7670	81.8220		PPK	1.2	1.5	5.4	1.22	0.27	4.55 -	1503.	52.	7.
1653	0000	-507	37.7674	81.8220		PPK	1.1	1.2	5.3	1.07	0.23	4.74	1412.	51.	8.
1654	0000	-508	37.7678	81.8220		PPK	1.0	1.1	5.0	1.07	0.22	4.82	1319.	53.	9.
1655	0000	-507	37.7682	81.8220		PPK	1.0	0.9 -	4.8	0.86 -	0.18 -	4.71	1260.	53.	10.
1656	0000	-508	37.7686	81.8220		PPK	1.0	1.0 -	4.5 -	1.06	0.22	4.76	1217.	53.	10.
1657	0000	-509	37.7690	81.8220		PPK	0.9	1.0 -	4.3 -	1.11	0.23	4.77	1183.	51.	10.
1658	0000	-508	37.7694	81.8220		PPK	0.9	0.9 -	4.0 -	1.08	0.23	4.69	1154.	51.	11.
1659	0000	-509	37.7698	81.8220		PPK	0.9	0.9 -	3.9 -	1.07	0.24	4.47 -	1148.	50.	11.
1660	0000	-510	37.7702	81.8220		PPK	0.9	1.0 -	3.7 -	1.11	0.26	4.29 -	1126.	49.	10.
1661	0000	-511	37.7706	81.8219		PPK	0.8 -	1.0 -	3.6 -	1.22	0.27	4.47 -	1099.	50.	9.
1662	0000	-510	37.7710	81.8219		PPK	0.8 -	1.0 -	3.3 -	1.29	0.30	4.36 -	1072.	49.	9.
1663	0000	-510	37.7714	81.8219		PPK	0.8 -	0.7 --	3.3 -	0.95 -	0.22	4.30 -	1034.	50.	8.
1664	0000	-511	37.7718	81.8219		PPK	0.7 -	0.8 -	2.9 --	1.11	0.27	4.10 -	986.	53.	10.
1665	0000	-512	37.7722	81.8219		PPK	0.7 -	0.8 -	3.0 --	1.25	0.27	4.55 -	954.	55.	9.
1666	0000	-513	37.7726	81.8219		PPK	0.7 -	0.8 -	3.2 --	1.13	0.23	4.81	925.	54.	9.
1667	0000	-512	37.7730	81.8219		PPK	0.6 --	0.9 -	3.2 --	1.46	0.30	4.89	918.	55.	9.
1668	0000	-513	37.7734	81.8219		PPK	0.7 -	0.7 --	3.3 -	1.00	0.21	4.73	931.	55.	11.
1669	0000	-514	37.7738	81.8219		PPK	0.7 -	0.6 --	3.4 -	0.88 -	0.19	4.65 -	972.	54.	11.
1670	0000	-514	37.7742	81.8218		PPK	0.7 -	0.9 -	3.8 -	1.20	0.23	5.29	1032.	55.	10.
1671	0000	-514	37.7746	81.8218		PPK	0.8 -	1.0 -	4.7	1.18	0.21	5.62	1121.	52.	8.
1672	0000	-515	37.7750	81.8218		PPK	0.9	0.9 -	5.4	1.00 -	0.17 -	5.92	1196.	51.	7.
1673	0000	-514	37.7754	81.8218		PPK	1.0	1.0 -	5.8	1.04	0.17 -	5.99	1300.	53.	6.
1674	0000	-512	37.7758	81.8217		PPK	1.1	1.3	6.5	1.26	0.20	6.16	1398.	54.	4.
1675	0000	-512	37.7762	81.8217		PPK	1.1	2.0	7.2	1.75	0.27	6.41 +	1522.	53.	2.
1676	0000	-513	37.7766	81.8217		PPK	1.2	2.4 +	7.5	1.98 +	0.32	6.19	1623.	53.	2.
1677	0000	-512	37.7771	81.8217		PPK	1.3	2.4 +	8.0 +	1.89	0.30	6.18	1689.	51.	1.
1678	0000	-511	37.7774	81.8217		PPK	1.2	2.7 +	7.5	2.16 +	0.36 +	6.05	1712.	49.	1.
1679	0000	-510	37.7778	81.8217		PPK	1.3	2.7 +	7.1	2.08 +	0.38 +	5.42	1722.	48.	2.
1680	0000	-509	37.7782	81.8217		PPK	1.3	2.8 +	6.8	2.20 +	0.41 +	5.42	1677.	44.	3.
1681	0000	-509	37.7787	81.8217		PPK	1.2	2.2 +	7.0	1.80	0.32	5.59	1637.	44.	4.
1682	0000	-508	37.7791	81.8217		PPK	1.2	1.7	6.8	1.38	0.25	5.45	1576.	42.	5.
1683	0000	-506	37.7795	81.8217		PPK	1.2	1.7	6.6	1.42	0.25	5.66	1530.	41.	6.

FLIGHT LINE 820, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-504	37.7798	81.8217		PPK	1.2	1.9	6.2	1.62	0.30	5.33	1538.	41.	7.
1685	0000	-504	37.7802	81.8217		PPK	1.3	1.6	7.3	1.22	0.22	5.58	1611.	41.	7.
1686	0000	-505	37.7807	81.8217		PPK	1.4 +	1.5	7.8 +	1.02	0.19 -	5.46	1729.	42.	7.
1687	0000	-504	37.7811	81.8217		PPK	1.5 +	1.6	8.2 +	1.03	0.20	5.29	1872.	43.	6.
1688	1000	-503	37.7815	81.8216		PPK	1.6 +	2.0	7.7 +	1.27	0.26	4.82	1938.	45.	5.
1689	1000	-503	37.7819	81.8216		PPK	1.6 +	2.2 +	7.6 +	1.39	0.29	4.78	1941.	45.	5.
1690	0000	-502	37.7823	81.8216		PPK	1.6 +	2.0	8.2 +	1.26	0.25	5.07	1931.	44.	4.
1691	0000	-502	37.7827	81.8216		PPK	1.6 +	1.7	8.2 +	1.05	0.20	5.14	1884.	45.	5.
1692	0000	-502	37.7831	81.8215		PPK	1.5 +	1.7	7.4	1.13	0.23	4.99	1794.	44.	5.
1693	0000	-502	37.7835	81.8215		PPK	1.3	1.9	7.2	1.47	0.27	5.49	1684.	45.	4.
1694	0000	-502	37.7839	81.8215		PPK	1.2	1.8	7.0	1.48	0.26	5.58	1580.	43.	4.
1695	0000	-502	37.7843	81.8215		PPK	1.2	1.6	7.0	1.36	0.23	5.96	1523.	43.	5.
1696	0000	-502	37.7847	81.8215		PPK	1.1	1.6	6.7	1.42	0.24	5.97	1502.	43.	6.
1697	0000	-501	37.7851	81.8215		PPK	1.1	1.5	6.4	1.33	0.23	5.68	1506.	45.	7.
1698	0000	-500	37.7855	81.8215		PPK	1.1	1.6	6.5	1.37	0.24	5.68	1539.	44.	7.
1699	0000	-499	37.7859	81.8215		PPK	1.2	1.6	6.5	1.33	0.25	5.34	1598.	45.	8.
1700	0000	-498	37.7863	81.8215		PPK	1.3	1.7	6.2	1.35	0.28	4.81	1659.	44.	9.
1701	0000	-497	37.7867	81.8214		PPK	1.3	1.8	6.3	1.43	0.29	4.96	1690.	47.	11.
1702	0000	-493	37.7871	81.8214		PPK	1.3	1.7	6.3	1.30	0.27	4.80	1719.	47.	12.
1703	0000	-490	37.7875	81.8214		PPK	1.4	1.6	6.6	1.22	0.25	4.88	1737.	48.	12.
1704	0000	-492	37.7879	81.8214		PPK	1.3	1.8	6.2	1.34	0.28	4.70	1723.	48.	12.
1705	0000	-496	37.7883	81.8214		PPK	1.3	1.8	5.9	1.40	0.31	4.50 -	1688.	49.	12.
1706	0000	-500	37.7887	81.8214		PPK	1.3	1.8	6.1	1.37	0.29	4.72	1641.	51.	12.
1707	0000	-500	37.7891	81.8214		PPK	1.2	1.9	6.2	1.56	0.30	5.18	1599.	53.	10.
1708	0000	-499	37.7895	81.8214		PPK	1.2	1.7	6.8	1.36	0.25	5.44	1625.	50.	9.
1709	0000	-498	37.7899	81.8214		PPK	1.4	1.9	6.9	1.38	0.27	5.02	1696.	51.	8.
1710	0000	-498	37.7903	81.8213		PPK	1.5 +	2.1	7.2	1.41	0.29	4.93	1795.	51.	7.
1711	0000	-500	37.7907	81.8213		PPK	1.6 +	2.1	7.9 +	1.31	0.27	4.94	1861.	51.	6.
1712	0000	-499	37.7911	81.8213		PPK	1.6 +	2.2 +	8.0 +	1.37	0.27	5.03	1898.	52.	5.
1713	0000	-497	37.7915	81.8213		PPK	1.6 +	2.3 +	7.8 +	1.46	0.30	4.85	1911.	52.	4.
1714	0000	-494	37.7919	81.8213		PPK	1.7 +	2.2 +	7.7 +	1.28	0.29	4.48 --	1941.	48.	4.
1715	0000	-492	37.7923	81.8213		PPK	1.7 +	2.3 +	7.5	1.35	0.31	4.40 -	1941.	50.	4.
1716	0000	-490	37.7927	81.8213		PPK	1.7 +	2.4 +	7.5	1.42	0.32	4.49 -	1950.	50.	4.
1717	0000	-489	37.7931	81.8213		PPK	1.7 +	2.3 +	7.6 +	1.36	0.31	4.40 -	1963.	50.	4.
1718	0000	-489	37.7935	81.8213		PPK	1.7 +	2.9 +	7.8 +	1.69	0.37 +	4.59 -	2035.	51.	4.
1719	0000	-489	37.7939	81.8212		PPK	1.7 +	3.0 +	8.1 +	1.69	0.37 +	4.62 -	2110.	52.	5.
1720	0000	-490	37.7943	81.8212		PPK	1.8 +	3.0 +	9.1 ++	1.67	0.33	5.01	2229.	52.	5.
1721	0000	-492	37.7947	81.8212		PPK	1.8 +	3.2 ++	9.7 ++	1.75	0.33	5.27	2291.	53.	4.
1722	0000	-492	37.7951	81.8212		PPK	1.8 +	3.3 ++	9.5 ++	1.82	0.35	5.20	2290.	53.	4.
1723	0000	-487	37.7955	81.8212		PPK	1.8 +	3.2 ++	9.6 ++	1.82	0.33	5.49	2238.	53.	3.
1724	0000	-475	37.7959	81.8212		PPK	1.7 +	3.2 ++	9.3 ++	1.92	0.35	5.55	2175.	51.	3.
1725	0000	-467	37.7963	81.8212		PPK	1.6 +	2.7 +	9.3 ++	1.70	0.30	5.76	2066.	51.	2.
1726	0000	-474	37.7967	81.8212		PPK	1.6 +	2.7 +	8.8 +	1.72	0.31	5.61	1949.	50.	1.
1727	0000	-486	37.7971	81.8212		PPK	1.4 +	2.5 +	7.5	1.72	0.33	5.19	1780.	51.	1.
1728	0000	-494	37.7975	81.8211		PPK	1.3	2.2 +	6.7	1.78	0.34	5.2	1623.	52.	2.
1729	0000	-500	37.7979	81.8211		PPK	1.2	2.1	6.3	1.72	0.33	5.26	1499.	50.	1.
1730	0000	-505	37.7983	81.8211		PPK	1.1	1.9	5.9	1.68	0.32	5.27	1385.	51.	2.
1731	0000	-508	37.7987	81.8211		PPK	1.0	1.8	5.5	1.82	0.33	5.54	1281.	52.	3.
1732	0000	-507	37.7992	81.8211		PPK	1.0	1.5	5.1	1.58	0.30	5.30	1207.	51.	5.
1733	0000	-507	37.7995	81.8210		PPK	0.9	1.1	5.0	1.31	0.23	5.74	1156.	51.	6.
1734	0000	-509	37.8000	81.8210		PPK	0.8 -	1.1	5.1	1.32	0.21	6.26 +	1132.	49.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-510	37.8004	81.8210		PPK	0.8 -	0.9 -	5.2	1.07	0.17 -	6.44 +	1120.	48.	9.
1736	0000	-510	37.8008	81.8210		PPK	0.8 -	0.9 -	5.2	1.10	0.17 -	6.56 +	1131.	51.	11.
1737	0000	-511	37.8012	81.8210		PPK	0.8 -	0.8 -	5.0	1.10	0.17 -	6.48 +	1152.	51.	12.
1738	0000	-511	37.8016	81.8210		PPK	0.8 -	0.6 --	5.3	0.78 -	0.12 -	6.51 +	1183.	49.	11.
1739	0000	-510	37.8021	81.8210		PPA-1	0.8	0.8 -	5.2	0.98 -	0.15 -	6.31	1199.	49.	11.
1740	0000	-510	37.8025	81.8210		PPA-1	0.8	1.0	5.3	1.20	0.19 -	6.52	1197.	48.	9.
1741	0000	-509	37.8030	81.8210		PPA-1	0.8	1.0	5.2	1.21	0.19 -	6.41	1170.	51.	8.
1742	0000	-510	37.8034	81.8210		PPA-1	0.8	1.2	5.2	1.50	0.23	6.61	1155.	54.	6.
1743	0000	-510	37.8038	81.8210		PPA-1	0.7	1.3	4.9	1.85	0.27	6.78 +	1136.	52.	5.
1744	0000	-509	37.8043	81.8209		PPA-1	0.7	1.5	4.8	2.29 +	0.32	7.13 +	1108.	53.	3.
1745	0000	-511	37.8048	81.8209		PPK	0.7 -	1.7	4.6 -	2.57 +	0.37 +	7.04 +	1085.	54.	3.
1746	0000	-512	37.8052	81.8209		PPK	0.6 -	1.6	4.5 -	2.46 +	0.35 +	6.98 +	1097.	55.	3.
1747	0000	-511	37.8056	81.8209		PPK	0.7 -	1.5	4.5 -	2.09 +	0.33	6.32 +	1147.	55.	4.
1748	0000	-510	37.8061	81.8210		PPK	0.7 -	1.9	4.4 -	2.53 +	0.43 +	5.93	1226.	53.	4.
1749	0000	-511	37.8065	81.8210		PPK	0.8 -	2.0	4.4 -	2.52 +	0.46 ++	5.53	1289.	52.	4.
1750	0000	-512	37.8070	81.8209		PPK	0.9	2.0	4.7	2.21 +	0.42 +	5.23	1343.	51.	5.
1751	0000	-512	37.8074	81.8209		PPK	1.0	2.0	5.1	2.02 +	0.38 +	5.26	1396.	51.	5.
1752	0000	-510	37.8079	81.8209		PPK	1.0	2.3 +	5.0	2.27 +	0.45 ++	5.02	1430.	56.	4.
1753	0000	-512	37.8083	81.8209		PPK	1.0	2.2 +	5.2	2.17 +	0.42 +	5.18	1431.	54.	4.
1754	0000	-514	37.8088	81.8209		PPK	1.0	2.3 +	5.2	2.20 +	0.43 +	5.09	1431.	56.	4.
1755	0000	-513	37.8093	81.8209		PPA-1	1.1 +	1.9 +	5.5	1.82	0.35	5.23	1431.	56.	5.
1756	0000	-513	37.8097	81.8209		PPA-1	1.0 +	2.0 +	5.9 +	1.93	0.35	5.58	1423.	54.	5.
1757	0000	-513	37.8101	81.8209		PPA-1	1.0	1.9 +	5.7	1.87	0.34	5.54	1415.	56.	6.
1758	0000	-513	37.8106	81.8209		PPA-1	1.0	2.1 +	5.5	2.02	0.38 +	5.34	1426.	54.	6.
1759	0000	-512	37.8110	81.8209		PPA-1	1.0	2.3 ++	5.5	2.24 +	0.42 +	5.32	1458.	52.	7.
1760	0000	-511	37.8114	81.8209		PPA-1	1.1 +	2.4 ++	5.5	2.25 +	0.44 +	5.14	1508.	52.	7.
1761	0000	-512	37.8119	81.8209		PPA-1	1.0 +	2.5 ++	5.4	2.37 +	0.46 ++	5.17	1508.	49.	7.
1762	0000	-513	37.8123	81.8208		PPA-1	1.1	2.3 ++	5.8	2.20 +	0.41 +	5.41	1492.	50.	7.
1763	0000	-512	37.8128	81.8208		PPK	1.1	2.1	5.3	1.97 +	0.41 +	4.85	1465.	51.	7.
1764	0000	-512	37.8133	81.8208		PPK	1.1	2.0	5.4	1.83	0.37 +	4.96	1436.	51.	5.
1765	0000	-513	37.8137	81.8208		PPK	1.1	1.8	5.6	1.67	0.32	5.26	1388.	53.	4.
1766	0000	-515	37.8141	81.8208		PPK	1.0	1.2	5.8	1.15	0.20	5.68	1304.	53.	4.
1767	0000	-516	37.8146	81.8208		PPK	0.9	1.1	5.6	1.23	0.20	6.09	1214.	54.	3.
1768	0000	-516	37.8150	81.8208		PPK	0.9	1.1	5.6	1.24	0.20	6.26 +	1137.	56.	2.
1769	0000	-518	37.8155	81.8208		PPK	0.8 -	1.2	5.0	1.55	0.24	6.32 +	1061.	56.	2.
1770	0000	-520	37.8159	81.8208		PPK	0.8 -	1.0 -	4.8	1.32	0.21	6.38 +	1011.	56.	2.
1771	0000	-522	37.8164	81.8208		PPK	0.7 -	1.2	4.6 -	1.68	0.26	6.59 +	971.	57.	2.
1772	0000	-523	37.8168	81.8208		PPK	0.7 -	1.3	4.3 -	1.82	0.29	6.29 +	943.	56.	2.
1773	0000	-525	37.8173	81.8208		PPK	0.6 --	1.3	4.1 -	2.10 +	0.32	6.49 +	929.	54.	2.
1774	0000	-526	37.8177	81.8208		PPK	0.6 --	1.3	3.8 -	2.27 +	0.34	6.58 +	915.	56.	2.
1775	0000	-528	37.8182	81.8207		PPK	0.6 --	1.2	3.9 -	1.88	0.31	6.11	935.	55.	2.
1776	0000	-531	37.8186	81.8207		PPK	0.7 -	1.4	3.8 -	1.99 +	0.36 +	5.53	970.	55.	2.
1777	0000	-530	37.8191	81.8207		PPK	0.7 -	1.8	4.1 -	2.75 ++	0.45 ++	6.17	1008.	53.	1.
1778	0000	-531	37.8195	81.8207		PPK	0.7 -	1.7	4.1 -	2.41 +	0.40 +	6.01	1026.	53.	1.
1779	0000	-535	37.8199	81.8208		PPK	0.7 -	1.5	3.9 -	2.26 +	0.39 +	5.73	1044.	53.	2.
1780	0000	-537	37.8204	81.8208		PPK	0.8 -	1.4	4.0 -	1.84	0.35	5.27	1072.	53.	2.
1781	0000	-538	37.8208	81.8207		PPK	0.8 -	1.5	4.0 -	1.76	0.36 +	4.82	1111.	51.	3.
1782	0000	-542	37.8213	81.8207		PPK	0.8 -	1.7	4.1 -	2.08 +	0.40 +	5.15	1158.	51.	4.
1783	0000	-544	37.8217	81.8207		PPK	0.8 -	1.2	4.6 -	1.53	0.27	5.65	1178.	49.	5.
1784	0000	-545	37.8222	81.8207		PPK	0.8 -	1.0 -	4.3 -	1.15	0.22	5.24	1190.	52.	7.
1785	0000	-548	37.8226	81.8207		PPK	0.8	1.1	4.7	1.36	0.24	5.55	1217.	51.	8.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-547	37.8231	81.8207		PPK	0.9	1.1	4.9	1.31	0.23	5.78	1225.	49.	8.
1787	0000	-546	37.8235	81.8207		PPK	0.8 -	1.3	4.9	1.64	0.26	6.28 +	1205.	52.	8.
1788	0000	-547	37.8240	81.8207		PPK	0.7 -	1.3	5.0	1.74	0.26	6.82 +	1171.	53.	8.
1789	0000	-549	37.8244	81.8207		PPK	0.7 -	1.2	4.6 -	1.74	0.26	6.81 +	1098.	54.	8.
1790	0000	-549	37.8249	81.8207		PPK	0.7 -	1.3	4.3 -	1.85	0.30	6.15	1075.	54.	8.
1791	0000	-551	37.8253	81.8207		PPK	0.7 -	1.0 -	4.6 -	1.47	0.23	6.49 +	1055.	51.	7.
1792	0000	-551	37.8257	81.8207		PPK	0.7 -	0.9 -	4.2 -	1.26	0.21	6.02	1023.	52.	8.
1793	0000	-552	37.8262	81.8207		PPK	0.7 -	0.8 -	4.4 -	1.17	0.18 -	6.35 +	1005.	52.	8.
1794	0000	-555	37.8266	81.8206		PPK	0.7 -	0.6 --	4.4 -	0.76 -	0.13 -	5.91	1002.	51.	9.
1795	0000	-556	37.8271	81.8206		PPK	0.8 -	0.5 --	4.3 -	0.70 --	0.13 -	5.55	1009.	50.	10.
1796	0010	-557	37.8276	81.8206		PPK	0.8	0.3 N.A.	4.5 -	0.32 N.A.	0.06 N.A.	5.32	1034.	49.	10.
1797	0010	-557	37.8280	81.8206		PPK	0.8 -	0.3 N.A.	4.6 -	0.37 N.A.	0.07 N.A.	5.70	1038.	49.	11.
1798	0000	-558	37.8284	81.8206		PPK	0.7 -	0.6 --	4.4 -	0.78 -	0.13 -	6.18	1026.	51.	11.
1799	0000	-559	37.8289	81.8206		PPK	0.7 -	0.6 --	4.5 -	0.83 -	0.13 -	6.36 +	1019.	50.	10.
1800	0000	-560	37.8293	81.8205		PPK	0.7 -	0.6 --	4.2 -	0.90 -	0.15 -	6.18	998.	52.	10.
1801	0000	-561	37.8297	81.8205		PPK	0.6 --	0.8 -	4.1 -	1.27	0.20	6.37 +	995.	51.	9.
1802	0000	-564	37.8302	81.8205		PPK	0.6 --	0.8 -	4.1 -	1.26	0.20	6.40 +	1009.	50.	9.
1803	0000	-565	37.8307	81.8205		PPK	0.6 --	0.9 -	4.3 -	1.42	0.20	6.98 +	1031.	47.	9.
1804	0000	-565	37.8311	81.8205		PPK	0.6 --	0.8 -	4.4 -	1.19	0.17 -	6.89 +	1042.	47.	8.
1805	0000	-567	37.8316	81.8206		PPK	0.7 -	0.7 --	4.6 -	1.10	0.16 -	6.77 +	1048.	47.	9.
1806	0000	-570	37.8320	81.8205		PPK	0.7 -	0.7 --	4.9	1.02	0.14 -	7.05 +	1083.	47.	9.
1807	0000	-572	37.8324	81.8205		PPK	0.8 -	1.0 -	5.2	1.31	0.20	6.51 +	1177.	45.	9.
1808	0000	-573	37.8329	81.8205		PPK	0.9	1.1 -	5.3	1.15	0.20	5.77	1275.	45.	10.
1809	0000	-572	37.8334	81.8205		PPK	0.9	0.9 -	5.9	1.02	0.16 -	6.45 +	1316.	47.	10.
1810	0000	-574	37.8338	81.8205		PPK	1.0	1.0 -	5.7	1.01	0.17 -	5.92	1343.	51.	10.
1811	0000	-577	37.8342	81.8205		PPK	1.0	0.9 -	5.9	0.94 -	0.15 -	6.12	1349.	51.	10.
1812	0000	-579	37.8347	81.8204		PPK	1.0	0.9 -	5.8	0.86 -	0.15 -	5.81	1363.	53.	9.
1813	0000	-580	37.8351	81.8205		PPK	1.0	0.8 --	5.5	0.82 -	0.15 -	5.55	1355.	55.	9.
1814	0000	-581	37.8356	81.8205		PPK	0.9	0.6 --	5.3	0.62 --	0.11 -	5.70	1290.	56.	8.
1815	0000	-582	37.8360	81.8205		PPK	0.9	0.7 --	4.9	0.78 -	0.14 -	5.68	1206.	57.	8.
1816	0000	-584	37.8365	81.8205		PPK	0.9	0.8 -	4.6 -	0.93 -	0.18 -	5.10	1176.	55.	7.
1817	0000	-585	37.8369	81.8205		PPK	0.9	1.0 -	4.7	1.18	0.22	5.42	1154.	56.	6.
1818	0000	-587	37.8374	81.8204		PPK	0.8 -	1.2	4.5 -	1.40	0.27	5.30	1150.	56.	6.
1819	0000	-590	37.8378	81.8204		PPK	0.8 -	1.2	4.6 -	1.38	0.25	5.44	1140.	52.	5.
1820	0000	-593	37.8382	81.8204		PPK	0.8 -	1.2	4.9	1.38	0.24	5.79	1118.	50.	4.
1821	0000	-594	37.8387	81.8204		PPK	0.8 -	1.2	4.9	1.55	0.25	6.31 +	1109.	50.	3.
1822	0000	-596	37.8392	81.8204		PPK	0.7 -	1.3	5.1	1.80	0.25	7.18 ++	1117.	49.	3.
1823	0000	-597	37.8396	81.8204		PPK	0.7 -	1.2	4.9	1.76	0.25	6.97 +	1104.	48.	4.
1824	0000	-598	37.8400	81.8204		PPK	0.7 -	1.2	5.0	1.80	0.24	7.58 ++	1079.	47.	3.
1825	0000	-601	37.8405	81.8204		PPK	0.7 -	1.2	4.9	1.85	0.25	7.35 ++	1065.	45.	3.
1826	0000	-603	37.8409	81.8204		PPK	0.7 -	1.2	4.8	1.76	0.24	7.32 ++	1055.	47.	4.
1827	0000	-605	37.8414	81.8204		PPK	0.7 -	1.3	4.7	1.92	0.26	7.27 ++	1069.	45.	4.
1828	0000	-606	37.8418	81.8204		PPK	0.7 -	1.3	4.7	1.84	0.27	6.87 +	1070.	45.	5.
1829	0000	-609	37.8423	81.8204		PPK	0.7 -	0.9 -	5.2	1.27	0.18 -	7.09 +	1074.	46.	5.
1830	0000	-610	37.8427	81.8204		PPK	0.8 -	0.7 --	5.9	0.83 -	0.11 -	7.40 ++	1129.	47.	6.
1831	0000	-612	37.8432	81.8203		PPK	0.8	0.7 --	5.8	0.81 -	0.12 -	6.85 +	1174.	50.	7.
1832	0000	-614	37.8436	81.8203		PPK	0.8 -	0.9 -	5.9	1.05	0.15 -	7.00 +	1198.	51.	7.
1833	0000	-615	37.8441	81.8203		PPK	0.9	1.0 -	5.6	1.18	0.18 -	6.50 +	1220.	49.	7.
1834	0000	-617	37.8445	81.8203		PPK	0.9	0.9 -	5.6	1.08	0.17 -	6.39 +	1220.	53.	7.
1835	0000	-619	37.8450	81.8203		PPK	0.9	0.9 -	5.6	1.03	0.16 -	6.35 +	1243.	52.	7.
1836	0000	-621	37.8454	81.8204		PPK	0.9	1.3	5.5	1.46	0.23	6.24 +	1255.	52.	6.

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-623	37.8458	81.8203		PPK	0.8 -	1.6	4.8	2.02 +	0.32	6.23 +	1202.	55.	5.
1838	0000	-627	37.8463	81.8203		PPK	0.8 -	1.6	4.7	2.12 +	0.34	6.19	1170.	53.	5.
1839	0000	-629	37.8467	81.8203		PPK	0.7 -	1.5	4.7	1.97 +	0.31	6.33 +	1141.	53.	5.
1840	0000	-629	37.8472	81.8203		PPK	0.7 -	1.4	4.7	2.05 +	0.30	6.75 +	1123.	53.	5.
1841	0000	-631	37.8477	81.8203		PPK	0.7 -	1.6	4.4 -	2.32 +	0.36 +	6.47 +	1117.	54.	5.
1842	0000	-634	37.8481	81.8203		PPK	0.7 -	1.7	4.4 -	2.55 +	0.39 +	6.55 +	1118.	54.	5.
1843	0000	-636	37.8485	81.8202		PPK	0.7 -	1.6	3.8 -	2.34 +	0.42 +	5.61	1109.	55.	6.
1844	0000	-637	37.8490	81.8203		PPK	0.7 -	1.6	3.5 -	2.44 +	0.47 ++	5.21	1119.	54.	7.
1845	0000	-640	37.8494	81.8203		PPK	0.7 -	1.5	3.6 -	2.22 +	0.41 +	5.42	1122.	53.	7.
1846	0000	-641	37.8498	81.8203		PPK	0.7 -	1.7	3.3 -	2.38 +	0.51 ++	4.67 -	1146.	54.	7.
1847	0000	-643	37.8503	81.8203		PPK	0.8 -	1.8	3.5 -	2.25 +	0.50 ++	4.49 -	1190.	55.	6.
1848	0000	-645	37.8508	81.8203		PPK	0.9	1.6	3.8 -	1.88	0.43 +	4.42 -	1249.	53.	5.
1849	0000	-646	37.8512	81.8203		PPK	1.0	1.5	3.9 -	1.51	0.37 +	4.04 --	1272.	55.	5.
1850	0000	-647	37.8517	81.8202		PPK	1.0	1.3	4.5 -	1.33	0.29	4.56 -	1294.	53.	5.
1851	0000	-649	37.8521	81.8202		PPK	1.1	1.3	5.0	1.24	0.27	4.62 -	1326.	52.	4.
1852	0000	-651	37.8525	81.8202		PPK	1.1	1.4	5.2	1.30	0.27	4.74	1355.	53.	4.
1853	0000	-653	37.8530	81.8202		PPK	1.1	1.0 -	5.8	0.89 -	0.17 -	5.07	1368.	51.	5.
1854	0000	-654	37.8534	81.8202		PPK	1.1	1.0 -	5.7	0.86 -	0.17 -	5.00	1375.	51.	6.
1855	0000	-655	37.8539	81.8202		PPK	1.1	1.0 -	5.8	0.85 -	0.16 -	5.19	1365.	50.	7.
1856	0000	-659	37.8543	81.8202		PPK	1.1	1.0 -	5.9	0.89 -	0.16 -	5.39	1371.	50.	9.
1857	0000	-659	37.8548	81.8202		PPK	1.1	0.9 -	6.0	0.83 -	0.15 -	5.45	1355.	48.	9.
1858	0000	-661	37.8552	81.8202		PPK	1.1	0.7 --	5.8	0.63 --	0.11 -	5.47	1323.	46.	10.
1859	0000	-664	37.8557	81.8202		PPK	1.1	0.6 --	5.5	0.56 --	0.11 -	5.18	1286.	45.	10.
1860	0000	-666	37.8561	81.8202		PPK	1.0	0.6 --	5.0	0.62 --	0.13 -	4.92	1239.	45.	10.
1861	0000	-668	37.8566	81.8202		PPK	1.0	0.6 --	5.0	0.58 --	0.11 -	5.25	1173.	44.	9.
1862	0000	-669	37.8570	81.8201		PPK	0.9	0.7 --	4.5 -	0.81 -	0.16 -	4.91	1127.	46.	8.
1863	0000	-671	37.8575	81.8201		PPK	0.9	0.7 --	4.0 -	0.85 -	0.18 -	4.71	1069.	46.	7.
1864	0000	-675	37.8579	81.8201		PPK	0.8 -	1.0 -	3.6 -	1.27	0.29	4.39 -	1067.	46.	6.
1865	0000	-678	37.8583	81.8201		PPK	0.8 -	1.4	3.7 -	1.73	0.38 +	4.60 -	1095.	49.	5.
1866	0000	-680	37.8588	81.8201		PPK	0.8	1.6	4.0 -	1.84	0.39 +	4.75	1174.	48.	5.
1867	0000	-683	37.8592	81.8202		PPK	0.9	1.8	4.6 -	1.99 +	0.38 +	5.21	1264.	50.	5.
1868	0000	-686	37.8597	81.8201		PPK	1.0	2.0	5.1	2.00 +	0.39 +	5.12	1381.	49.	5.
1869	0000	-690	37.8601	81.8201		PPK	1.0	1.9	6.0	1.84	0.32	5.73	1462.	46.	5.
1870	0000	-693	37.8606	81.8201		PPK	1.1	2.0	6.9	1.88	0.29	6.46 +	1543.	44.	5.
1871	0000	-696	37.8610	81.8201		PPK	1.1	1.8	7.4	1.57	0.24	6.57 +	1591.	44.	6.
1872	0000	-698	37.8615	81.8201		PPK	1.2	1.6	7.5	1.39	0.21	6.48 +	1582.	44.	5.
1873	0000	-700	37.8619	81.8201		PPK	1.1	1.6	7.4	1.41	0.21	6.63 +	1537.	44.	6.
1874	0000	-702	37.8624	81.8201		PPK	1.0	1.6	7.3	1.57	0.23	6.97 +	1485.	43.	5.
1875	0000	-705	37.8628	81.8201		PPK	1.0	1.5	7.0	1.51	0.21	7.14 +	1400.	43.	4.
1876	0000	-707	37.8633	81.8201		PPK	0.9	1.5	6.4	1.60	0.23	6.93 +	1313.	44.	4.
1877	0000	-710	37.8637	81.8201		PPK	0.9	1.6	5.6	1.72	0.28	6.17	1245.	46.	5.
1878	0000	-714	37.8641	81.8201		PPK	0.8 -	1.5	5.2	1.92	0.29	6.67 +	1152.	46.	5.
1879	0000	-716	37.8646	81.8201		PPK	0.7 -	1.3	4.8	1.81	0.27	6.65 +	1085.	46.	7.
1880	0000	-718	37.8651	81.8201		PPK	0.6 --	1.1	4.5 -	1.81	0.25	7.10 +	1001.	47.	8.
1881	0000	-719	37.8655	81.8200		PPK	0.6 --	0.9 -	3.9 -	1.62	0.24	6.86 +	930.	49.	9.
1882	0000	-720	37.8660	81.8200		PPK	0.5 ---	0.8 -	3.5 -	1.61	0.23	7.12 +	877.	50.	11.
1883	0000	-723	37.8664	81.8200		PPA-1	0.5 --	0.7 -	3.1 -	1.41	0.22	6.57	852.	51.	13.
1884	0000	-724	37.8668	81.8200		PPA-1	0.5 --	0.4 --	3.5 -	0.80 --	0.11 --	7.52 +	825.	51.	12.
1885	0000	-726	37.8673	81.8200		PPA-1	0.5 -	0.3 --	3.4 -	0.67 --	0.10 --	6.83 +	839.	51.	12.
1886	0000	-726	37.8677	81.8200		PPA-1	0.6 -	0.6 -	3.5 -	1.00 -	0.16 -	6.38	884.	52.	11.
1887	0000	-729	37.8682	81.8200		PPA-1	0.7	0.7 -	3.6 -	1.01 -	0.18 -	5.59	955.	51.	10.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-732	37.8686	81.8200	PPA-1	0.8	0.8 -	4.1	1.01 -	0.19 -	5.25	1032.	49.	9.
1889	0000	-733	37.8690	81.8200	PPK	0.9	0.9 -	4.7	1.03	0.19	5.39	1126.	49.	7.
1890	0000	-734	37.8695	81.8200	PPK	1.0	1.1	5.2	1.15	0.21	5.51	1214.	49.	6.
1891	0000	-737	37.8700	81.8200	PPK	1.0	1.4	5.4	1.35	0.26	5.21	1310.	48.	5.
1892	0000	-740	37.8704	81.8200	PPK	1.1	1.6	5.4	1.44	0.30	4.78	1401.	48.	5.
1893	0000	-741	37.8708	81.8199	PPK	1.1	1.7	5.6	1.45	0.30	4.92	1451.	48.	5.
1894	0000	-742	37.8713	81.8199	PPK	1.2	1.8	5.7	1.52	0.31	4.87	1520.	48.	7.
1895	0000	-744	37.8718	81.8199	PPK	1.2	2.0	6.0	1.64	0.33	4.99	1590.	46.	7.
1896	0000	-746	37.8722	81.8199	PPK	1.2	2.2 +	5.8	1.79	0.37 +	4.80	1603.	48.	7.
1897	0000	-748	37.8726	81.8199	PPK	1.2	2.3 +	5.9	1.86	0.38 +	4.91	1606.	48.	7.
1898	0000	-751	37.8731	81.8200	PPK	1.2	2.2 +	5.8	1.91	0.39 +	4.94	1588.	48.	8.
1899	0000	-753	37.8736	81.8198	PPK	1.1	2.1	5.9	1.89	0.36 +	5.23	1547.	49.	7.
1900	0000	-755	37.8740	81.8198	PPK	1.1	2.0	6.1	1.80	0.33	5.49	1518.	49.	7.
1901	0000	-757	37.8744	81.8198	PPK	1.1	2.0	6.0	1.87	0.33	5.72	1451.	48.	5.
1902	0000	-758	37.8749	81.8199	PPK	1.0	1.8	5.9	1.85	0.31	5.91	1383.	49.	4.
1903	0000	-760	37.8753	81.8199	PPK	1.0	1.9	5.5	1.96 +	0.34	5.73	1348.	49.	3.
1904	0000	-764	37.8758	81.8199	PPK	1.0	1.7	5.1	1.81	0.34	5.37	1324.	48.	3.
1905	0000	-768	37.8762	81.8199	PPK	1.0	1.8	4.7	1.92	0.39 +	4.95	1296.	48.	2.
1906	0000	-768	37.8766	81.8198	PPK	0.9	1.9	4.2 -	2.02 +	0.45 ++	4.53 -	1253.	50.	2.
1907	0000	-771	37.8771	81.8198	PPK	0.9	2.0	3.4 -	2.32 +	0.60 +++	3.90 --	1204.	50.	2.
1908	0000	-773	37.8776	81.8198	PPK	0.8 -	2.0	3.2 -	2.48 +	0.62 +++	3.99 --	1153.	53.	3.
1909	0000	-776	37.8780	81.8198	PPK	0.7 -	2.0	2.7 --	2.65 +	0.74 +++	3.58 --	1083.	54.	4.
1910	0000	-778	37.8784	81.8198	PPK	0.7 -	1.6	2.7 --	2.29 +	0.59 +++	3.89 --	1013.	54.	4.
1911	0000	-780	37.8789	81.8198	PPK	0.6 --	1.7	2.7 --	2.75 ++	0.63 +++	4.38 -	937.	56.	4.
1912	0000	-782	37.8793	81.8198	PPK	0.6 --	1.6	3.3 -	2.87 ++	0.47 ++	6.05	895.	56.	4.
1913	0000	-785	37.8798	81.8198	PPK	0.5 --	1.4	3.8 -	2.55 +	0.37 +	6.92 +	879.	55.	4.
1914	0000	-786	37.8803	81.8198	PPK	0.6 --	1.4	4.0 -	2.39 +	0.35	6.84 +	887.	55.	4.
1915	0000	-787	37.8807	81.8198	PPK	0.6 --	1.4	4.2 -	2.29 +	0.33	6.86 +	915.	53.	3.
1916	0000	-790	37.8811	81.8198	PPK	0.6 --	1.3	4.8	2.06 +	0.27	7.51 ++	950.	53.	2.
1917	0000	-791	37.8816	81.8198	PPK	0.7 -	1.4	4.9	2.14 +	0.29	7.30 ++	992.	52.	2.
1918	0000	-795	37.8820	81.8197	PPK	0.7 -	1.4	5.2	1.90	0.27	7.15 +	1050.	51.	2.
1919	0000	-800	37.8824	81.8197	PPK	0.8 -	1.3	4.9	1.58	0.26	6.07	1091.	49.	3.
1920	0000	-800	37.8829	81.8197	PPK	0.8 -	1.3	5.2	1.55	0.24	6.35 +	1146.	49.	4.
1921	0000	-801	37.8833	81.8197	PPK	0.9	1.1	5.7	1.32	0.20	6.65 +	1210.	48.	5.
1922	0000	-804	37.8838	81.8197	PPK	0.9	1.2	5.8	1.35	0.21	6.41 +	1288.	47.	6.
1923	0000	-806	37.8843	81.8197	PPK	1.0	1.2	6.1	1.16	0.20	5.91	1395.	46.	7.
1924	0000	-806	37.8847	81.8197	PPK	1.1	1.2	6.8	1.13	0.18 -	6.32 +	1476.	46.	8.
1925	0000	-809	37.8851	81.8197	PPK	1.2	1.4	6.5	1.15	0.21	5.55	1535.	47.	9.
1926	0000	-813	37.8856	81.8197	PPK	1.1	1.5	6.7	1.28	0.22	5.80	1558.	48.	9.
1927	0000	-815	37.8860	81.8197	PPK	1.2	1.6	6.6	1.32	0.24	5.52	1576.	48.	10.
1928	0000	-818	37.8865	81.8197	PPK	1.2	1.6	6.5	1.36	0.24	5.61	1544.	48.	10.
1929	0000	-822	37.8869	81.8197	PPK	1.1	1.2	6.5	1.08	0.19	5.73	1468.	49.	10.
1930	0000	-824	37.8874	81.8197	PPA-1	1.0	1.3	5.9 +	1.28	0.22	5.74	1374.	48.	10.
1931	0000	-826	37.8878	81.8196	PPA-1	0.9	1.4	5.1	1.52	0.28	5.47	1284.	46.	9.
1932	0000	-830	37.8883	81.8197	PPA-1	0.8	1.2	5.3	1.46	0.22	6.70 +	1198.	45.	9.
1933	0000	-832	37.8887	81.8197	PPA-1	0.8	1.0	4.9	1.22	0.19 -	6.28	1144.	46.	9.
1934	0000	-834	37.8892	81.8197	PPA-1	0.7	1.1	4.5	1.62	0.25	6.50	1083.	48.	7.
1935	0000	-837	37.8896	81.8197	PPA-1	0.7	1.2	4.4	1.79	0.28	6.35	1057.	46.	6.
1936	0000	-840	37.8901	81.8197	PPK	0.7 -	1.4	4.4 -	1.99 +	0.32	6.23 +	1057.	46.	4.
1937	0000	-842	37.8905	81.8196	PPK	0.7 -	1.4	4.3 -	2.00 +	0.33	6.01	1048.	49.	3.
1938	0000	-843	37.8909	81.8196	PPK	0.8 -	1.3	4.3 -	1.75	0.31	5.64	1052.	53.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-845	37.8914	81.8196		PPK	0.8 -	1.5	4.2 -	1.92	0.36 +	5.31	1071.	52.	2.
1940	0000	-847	37.8919	81.8196		PPK	0.8 -	1.6	4.5 -	1.91	0.35	5.51	1103.	49.	2.
1941	0000	-850	37.8923	81.8196		PPK	0.9	1.2	4.8	1.35	0.25	5.27	1137.	49.	3.
1942	0000	-852	37.8927	81.8196		PPK	0.9	1.2	4.9	1.24	0.24	5.26	1176.	52.	5.
1943	0000	-855	37.8932	81.8196		PPK	1.0	1.1	5.0	1.13	0.22	5.22	1218.	53.	6.
1944	0000	-858	37.8936	81.8196		PPK	1.0	1.1	5.1	1.13	0.22	5.23	1262.	52.	9.
1945	0000	-861	37.8941	81.8196		PPK	1.0	1.1	5.3	1.10	0.21	5.29	1327.	50.	10.
1946	0000	-863	37.8945	81.8196		PPK	1.0	1.1 -	5.5	1.02	0.19	5.30	1376.	50.	12.
1947	0000	-865	37.8950	81.8196		PPK	1.0	1.0 -	5.7	0.99 -	0.18 -	5.51	1419.	51.	12.
1948	0000	-867	37.8954	81.8196		PPK	1.0	1.1 -	6.1	1.05	0.17 -	6.04	1456.	49.	12.
1949	0000	-870	37.8959	81.8195		PPK	1.0	1.3	5.9	1.30	0.23	5.71	1481.	46.	11.
1950	0000	-876	37.8963	81.8195		PPK	1.0	1.5	5.9	1.45	0.25	5.71	1496.	46.	10.
1951	0000	-878	37.8967	81.8195		PPK	1.1	1.6	6.2	1.46	0.26	5.69	1534.	43.	9.
1952	0000	-882	37.8972	81.8195		PPA-1	1.1 +	1.8	6.4 +	1.54	0.27	5.63	1554.	42.	8.
1953	0000	-885	37.8977	81.8195		PPA-1	1.1 +	1.9 +	6.6 +	1.64	0.28	5.78	1603.	44.	7.
1954	0000	-888	37.8981	81.8195		PPA-1	1.2 +	2.0 +	6.5 +	1.69	0.31	5.41	1626.	43.	7.
1955	0000	-891	37.8985	81.8195		PPA-1	1.2 +	2.2 +	6.2 +	1.77	0.35	5.10	1627.	43.	7.
1956	0000	-894	37.8990	81.8195		PPK	1.2	2.0	6.4	1.63	0.31	5.23	1639.	43.	7.
1957	0000	-896	37.8994	81.8195		PPK	1.3	1.9	6.6	1.56	0.30	5.24	1646.	43.	7.
1958	0000	-900	37.8998	81.8195		PPK	1.3	1.7	6.8	1.39	0.26	5.36	1621.	44.	7.
1959	0000	-904	37.9002	81.8194		PPK	1.2	1.5	6.6	1.22	0.23	5.42	1605.	43.	9.
1960	0000	-906	37.9006	81.8194		PPK	1.2	1.3	6.3	1.07	0.21	5.05	1553.	44.	9.
1961	0000	-909	37.9010	81.8194		PPK	1.2	1.2	6.5	1.01	0.19 -	5.39	1527.	47.	9.
1962	0000	-911	37.9014	81.8194		PPK	1.3	1.3	6.7	1.05	0.20	5.35	1566.	46.	10.
1963	0000	-915	37.9019	81.8194		PPK	1.3	1.3	7.1	0.99 -	0.18 -	5.54	1595.	48.	11.
1964	0000	-916	37.9023	81.8194		PPK	1.3	1.3	6.8	1.03	0.19	5.31	1612.	49.	12.
1965	0000	-917	37.9027	81.8194		PPK	1.3	1.4	6.9	1.09	0.20	5.36	1634.	48.	12.
1966	0000	-919	37.9031	81.8194		PPK	1.3	1.4	7.1	1.03	0.19	5.42	1628.	50.	12.
1967	0000	-922	37.9036	81.8193		PPK	1.4	1.3	7.1	0.95 -	0.18 -	5.21	1630.	48.	12.
1968	0000	-923	37.9040	81.8193		PPK	1.4	1.4	6.7	1.00	0.20	4.90	1618.	46.	11.
1969	0000	-924	37.9044	81.8193		PPK	1.3	1.1	6.4	0.86 -	0.18 -	4.83	1549.	48.	11.
1970	0000	-927	37.9048	81.8193		PPK	1.3	1.2	6.1	0.97 -	0.20	4.80	1469.	48.	9.
1971	0000	-930	37.9052	81.8192		PPK	1.2	1.0 -	6.0	0.85 -	0.17 -	4.90	1388.	47.	8.
1972	0000	-931	37.9056	81.8192		PPK	1.1	1.2	5.6	1.03	0.21	5.02	1310.	49.	7.
1973	0000	-932	37.9061	81.8192		PPK	1.0	1.3	5.1	1.28	0.26	4.95	1248.	47.	5.
1974	0000	-933	37.9065	81.8192		PPK	0.9	1.4	4.9	1.55	0.29	5.34	1195.	48.	4.
1975	0000	-936	37.9069	81.8192		PPK	0.9	1.4	4.7	1.63	0.30	5.41	1144.	51.	4.
1976	0000	-940	37.9073	81.8192		PPK	0.8 -	1.7	4.7	2.12 +	0.37 +	5.71	1131.	52.	3.
1977	0000	-942	37.9077	81.8192		PPK	0.8 -	1.6	4.5 -	2.10 +	0.37 +	5.67	1120.	53.	3.
1978	0000	-945	37.9082	81.8191		PPK	0.8 -	1.6	4.4 -	2.13 +	0.37 +	5.72	1108.	53.	3.
1979	0000	-947	37.9086	81.8191		PPK	0.8 -	1.6	4.1 -	2.01 +	0.39 +	5.19	1100.	51.	3.
1980	0000	-947	37.9090	81.8191		PPK	0.8 -	1.5	4.2 -	1.91	0.37 +	5.16	1093.	49.	2.
1981	0000	-949	37.9094	81.8191		PPK	0.8 -	1.4	4.2 -	1.85	0.34	5.45	1073.	47.	3.
1982	0000	-951	37.9098	81.8191		PPK	0.7 -	1.6	4.2 -	2.21 +	0.38 +	5.78	1075.	44.	3.
1983	0000	-953	37.9102	81.8191		PPK	0.7 -	1.5	3.9 -	2.08 +	0.39 +	5.41	1074.	44.	4.
1984	0000	-955	37.9106	81.8191		PPK	0.8 -	1.5	3.8 -	1.94 +	0.40 +	4.85	1091.	42.	5.
1985	0000	-958	37.9110	81.8191		PPK	0.8 -	1.6	4.2 -	2.02 +	0.38 +	5.31	1129.	43.	5.
1986	0000	-961	37.9115	81.8190		PPK	0.9	1.3	4.4 -	1.48	0.29	5.04	1173.	44.	6.
1987	0000	-964	37.9119	81.8190		PPK	1.0	1.0 -	5.0	0.98 -	0.20	4.97	1252.	46.	7.
1988	0000	-967	37.9123	81.8190		PPK	1.1	0.9 -	5.3	0.86 -	0.18 -	4.79	1305.	48.	8.
1989	0000	-969	37.9127	81.8190		PPK	1.1	0.8 -	5.7	0.67 --	0.13 -	4.98	1350.	49.	8.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-971	37.9132	81.8190		PPK	1.2	0.7 --	5.9	0.58 --	0.12 -	5.00	1383.	49.	8.
1991	0000	-974	37.9135	81.8190		PPK	1.2	0.6 --	6.1	0.53 --	0.10 --	5.14	1411.	48.	7.
1992	0000	-977	37.9140	81.8190		PPK	1.2	0.8 -	6.0	0.63 --	0.13 -	4.87	1446.	46.	8.
1993	0000	-978	37.9144	81.8189		PPK	1.2	1.1 -	6.2	0.88 -	0.17 -	5.17	1454.	45.	7.
1994	0000	-980	37.9148	81.8189		PPK	1.1	1.3	5.8	1.17	0.22	5.29	1426.	45.	7.
1995	0000	-982	37.9152	81.8189		PPK	1.1	1.4	6.3	1.25	0.22	5.69	1432.	43.	5.
1996	0000	-983	37.9156	81.8189		PPK	1.1	1.4	6.2	1.24	0.23	5.41	1416.	42.	5.
1997	0000	-986	37.9161	81.8188		PPK	1.1	1.6	5.9	1.42	0.27	5.31	1379.	42.	4.
1998	0000	-988	37.9165	81.8188		PPK	1.1	1.6	5.7	1.48	0.28	5.35	1334.	45.	3.
1999	0000	-989	37.9169	81.8188		PPK	1.0	1.5	5.3	1.49	0.28	5.33	1267.	46.	2.
2000	0000	-990	37.9173	81.8188		PPK	0.9	1.4	5.0	1.51	0.28	5.41	1204.	46.	1.
2001	0000	-992	37.9177	81.8188		PPK	0.9	1.4	4.8	1.60	0.30	5.41	1148.	46.	1.
2002	0000	-995	37.9182	81.8188		PPK	0.9	1.5	4.1 -	1.70	0.36 +	4.76	1083.	47.	1.
2003	0000	-997	37.9185	81.8188		PPK	0.8 -	1.4	3.7 -	1.72	0.37 +	4.61 -	1042.	45.	1.
2004	0000	-998	37.9190	81.8188		PPK	0.8 -	1.2	3.9 -	1.55	0.31	5.05	1015.	44.	1.
2005	0000	-999	37.9194	81.8187		PPK	0.7 -	1.4	3.7 -	1.93 +	0.37 +	5.17	980.	42.	2.
2006	0000	-1001	37.9198	81.8187		PPK	0.7 -	1.2	3.9 -	1.82	0.32	5.75	971.	43.	3.
2007	0000	-1004	37.9202	81.8187		PPK	0.7 -	1.5	3.9 -	2.21 +	0.38 +	5.88	984.	43.	3.
2008	0000	-1006	37.9207	81.8187		PPK	0.7 -	1.4	4.3 -	1.92	0.32	6.04	1032.	43.	5.
2009	0000	-1010	37.9211	81.8187		PPK	0.7 -	1.5	4.6 -	2.01 +	0.32	6.28 +	1106.	44.	6.
2010	0000	-1012	37.9215	81.8187		PPK	0.9	1.3	5.3	1.46	0.25	5.93	1208.	45.	7.
2011	0000	-1014	37.9219	81.8187		PPK	1.0	1.5	5.9	1.53	0.25	6.01	1347.	46.	9.
2012	0000	-1016	37.9223	81.8186		PPK	1.2	1.2	6.5	1.00 -	0.18 -	5.48	1466.	47.	10.
2013	0000	-1018	37.9227	81.8186		PPK	1.3	1.1	6.7	0.83 -	0.16 -	5.10	1571.	46.	10.
2014	1000	-1020	37.9231	81.8186		PPK	1.4	0.9 -	6.9	0.67 --	0.14 -	4.89	1645.	45.	10.
2015	1000	-1022	37.9236	81.8186		PPK	1.5 +	1.1	6.8	0.76 -	0.17 -	4.63 -	1666.	46.	9.
2016	1000	-1024	37.9240	81.8186		PPK	1.5 +	1.2	7.2	0.77 -	0.16 -	4.71	1693.	44.	7.
2017	0000	-1025	37.9244	81.8186		PPA-1	1.4 ++	1.5	6.9 +	1.03 -	0.21	4.83 -	1641.	43.	6.
2018	0000	-1026	37.9248	81.8186		PPA-1	1.4 ++	1.4	6.2 +	1.01 -	0.23	4.48 -	1541.	43.	4.
2019	0000	-1027	37.9252	81.8186		PPA-1	1.3 +	1.5	6.3 +	1.20	0.24	4.92 -	1471.	42.	3.
2020	0000	-1028	37.9257	81.8185		PPA-1	1.2 +	1.7	5.9 +	1.46	0.30	4.93 -	1388.	41.	2.
2021	0000	-1029	37.9261	81.8185		PPA-1	1.1 +	1.8 +	5.5	1.62	0.32	5.00 -	1296.	44.	2.
2022	0000	-1030	37.9265	81.8185		PPA-1	1.0	1.7	5.2	1.78	0.33	5.31	1231.	45.	1.
2023	0000	-1032	37.9269	81.8185		PPA-1	0.8	1.8 +	4.6	2.29 +	0.40 +	5.76	1122.	47.	1.
2024	0000	-1032	37.9273	81.8185		PPA-1	0.7	1.6	4.5	2.24 +	0.37 +	6.09	1055.	48.	1.
2025	0000	-1033	37.9277	81.8185		PPA-1	0.7	1.5	4.6	2.16	0.32	6.80 +	1002.	52.	2.
2026	0000	-1035	37.9281	81.8185		PPA-1	0.6 -	1.6	3.9	2.69 +	0.41 +	6.61	954.	53.	1.
2027	0000	-1036	37.9286	81.8184		PPA-1	0.5 -	1.6	4.0	2.97 +	0.40 +	7.41 +	908.	53.	2.
2028	0000	-1038	37.9290	81.8184		PPA-1	0.5 -	1.5	3.9	2.71 +	0.37 +	7.26 +	887.	52.	2.
2029	0000	-1040	37.9294	81.8184		PPA-1	0.5 -	1.5	3.8	2.93 +	0.38 +	7.65 +	862.	50.	2.
2030	0000	-1041	37.9298	81.8184		PPA-1	0.6 -	1.3	3.8	2.35 +	0.35	6.80 +	862.	52.	2.
2031	0000	-1043	37.9303	81.8184		PPA-1	0.6 -	1.5	3.5 -	2.77 +	0.44 +	6.26	883.	50.	2.
2032	0000	-1043	37.9307	81.8184		PPA-1	0.6 -	1.6	3.6 -	2.65 +	0.45 ++	5.87	937.	46.	3.
2033	0000	-1045	37.9311	81.8184		PPA-1	0.6	1.8 +	3.7 -	2.80 +	0.48 ++	5.84	997.	46.	3.
2034	0000	-1050	37.9315	81.8184		PPA-1	0.8	1.7	4.0	2.22 +	0.43 +	5.20	1098.	46.	4.
2035	0000	-1052	37.9319	81.8183		PPA-1	0.9	1.8 +	4.7	1.95	0.38 +	5.16	1231.	47.	4.
2036	0000	-1053	37.9323	81.8183		PPA-1	1.0	1.7	4.9	1.68	0.35	4.74 -	1315.	47.	5.
2037	0000	-1054	37.9327	81.8183		PPA-1	1.1 +	1.7	5.1	1.54	0.34	4.60 -	1383.	46.	7.
2038	0000	-1056	37.9331	81.8183		PPK	1.1	1.6	5.5	1.42	0.29	4.91	1407.	46.	8.
2039	0000	-1058	37.9336	81.8183		PPK	1.1	1.4	5.4	1.30	0.27	4.89	1393.	47.	10.
2040	0000	-1060	37.9340	81.8183		PPK	1.1	1.0 -	5.7	0.95 -	0.18 -	5.23	1348.	48.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-1060	37.9344	81.8183	PPK	1.0	1.1	5.5	1.11	0.21	5.37	1287.	47.	11.
2042	0000	-1062	37.9349	81.8182	PPK	0.9	1.1 -	4.9	1.22	0.21	5.70	1204.	45.	1.
2043	0000	-1064	37.9353	81.8182	PPK	0.8 -	1.1	5.5	1.31	0.20	6.69 +	1177.	44.	10.
2044	0000	-1065	37.9357	81.8182	PPK	0.8 -	1.0 -	5.4	1.20	0.18 -	6.75 +	1134.	44.	9.
2045	0000	-1067	37.9361	81.8182	PPK	0.8 -	0.9 -	5.2	1.15	0.17 -	6.90 +	1097.	47.	8.
2046	0000	-1068	37.9365	81.8181	PPK	0.8 -	0.8 -	5.0	1.02	0.17 -	6.10	1087.	45.	7.
2047	0000	-1068	37.9369	81.8181	PPK	0.8	1.1 -	4.8	1.24	0.22	5.63	1094.	44.	6.
2048	0000	-1069	37.9373	81.8181	PPK	0.8 -	1.1 -	4.9	1.29	0.22	5.98	1096.	44.	5.
2049	0000	-1070	37.9377	81.8181	PPK	0.8 -	1.1	5.0	1.34	0.23	5.95	1088.	45.	3.
2050	0000	-1072	37.9382	81.8181	PPK	0.8 -	1.2	4.3 -	1.45	0.27	5.35	1080.	47.	3.
2051	0000	-1075	37.9386	81.8181	PPK	0.8 -	1.2	4.3 -	1.44	0.28	5.21	1097.	49.	2.
2052	0000	-1076	37.9390	81.8181	PPK	0.8	1.4	4.3 -	1.63	0.32	5.09	1152.	46.	2.
2053	0000	-1077	37.9394	81.8181	PPK	0.9	1.4	4.8	1.62	0.29	5.50	1201.	47.	2.
2054	0000	-1078	37.9398	81.8180	PPK	0.9	1.6	5.5	1.77	0.30	5.98	1263.	47.	2.
2055	0000	-1081	37.9402	81.8180	PPK	1.0	2.1	5.6	2.14 +	0.38 +	5.63	1336.	46.	1.
2056	0000	-1082	37.9407	81.8180	PPK	1.1	2.3 +	6.0	2.16 +	0.39 +	5.55	1416.	45.	1.
2057	0000	-1083	37.9411	81.8180	PPK	1.1	2.7 +	6.8	2.44 +	0.40 +	6.12	1461.	44.	1.
2058	1000	-1085	37.9416	81.8180	PPK	1.1	2.9 +	6.6	2.73 ++	0.44 ++	6.17	1473.	43.	1.
2059	0000	-1087	37.9422	81.8180	PPK	1.1	2.8 +	6.7	2.46 +	0.41 +	5.97	1450.	43.	1.
2060	0000	-1088	37.9427	81.8180	PPK	1.0	3.0 +	6.3	3.00 ++	0.48 ++	6.22 +	1409.	44.	0.
2061	0000	-1089	37.9432	81.8180	PPK	1.0	2.6 +	5.8	2.68 ++	0.46 ++	5.88	1334.	44.	1.
2062	0000	-1089	37.9437	81.8180	PPK	0.9	2.2	5.6	2.34 +	0.39 +	6.01	1250.	45.	1.
2063	0000	-1090	37.9442	81.8180	PPK	0.8 -	1.8	5.0	2.20 +	0.37 +	5.95	1154.	44.	2.
2064	0000	-1090	37.9447	81.8180	PPK	0.8 -	1.4	4.3 -	1.69	0.32	5.29	1086.	45.	2.
2065	0000	-1091	37.9452	81.8181	PPK	0.9	1.0 -	4.7	1.18	0.21	5.50	1056.	44.	4.
2066	0000	-1093	37.9458	81.8181	PPK	0.8 -	0.9 -	4.7	1.08	0.19	5.66	1051.	45.	5.
2067	0000	-1094	37.9463	81.8181	PPK	0.9	0.8 -	4.7	0.87 -	0.16 -	5.41	1075.	43.	7.
2068	0000	-1095	37.9469	81.8181	PPK	0.9	1.0 -	5.1	1.05	0.19	5.57	1151.	44.	8.
2069	0000	-1095	37.9474	81.8181	PPK	0.9	1.0 -	5.4	1.11	0.19	5.84	1214.	44.	8.
2070	0000	-1096	37.9479	81.8181	PPK	1.0	1.3	5.6	1.35	0.24	5.66	1294.	45.	9.
2071	0000	-1096	37.9484	81.8181	PPK	1.0	1.6	5.8	1.52	0.27	5.57	1356.	47.	9.
2072	0000	-1096	37.9489	81.8181	PPK	1.1	1.8	6.3	1.62	0.28	5.79	1449.	50.	9.
2073	0000	-1098	37.9494	81.8181	PPK	1.1	2.2 +	6.6	1.90	0.33	5.82	1541.	48.	8.
2074	0000	-1103	37.9499	81.8181	PPK	1.2	2.4 +	7.1	2.06 +	0.34	5.98	1600.	49.	7.
2075	0000	-1102	37.9505	81.8181	PPK	1.3	2.3 +	7.1	1.81	0.32	5.58	1622.	48.	6.
2076	0000	-1099	37.9510	81.8181	PPK	1.3	2.5 +	7.2	1.94 +	0.35 +	5.52	1655.	47.	5.
2077	0000	-1097	37.9515	81.8181	PPK	1.4	2.5 +	7.2	1.81	0.34	5.29	1685.	45.	5.
2078	0000	-1096	37.9521	81.8181	PPK	1.5 +	2.4 +	7.3	1.65	0.33	4.95	1733.	43.	5.
2079	0000	-1098	37.9526	81.8181	PPK	1.4 +	2.7 +	7.1	1.89	0.38 +	4.94	1751.	41.	4.
2080	0000	-1102	37.9531	81.8181	PPK	1.5 +	2.6 +	6.9	1.73	0.38 +	4.61 -	1772.	42.	4.
2081	0000	-1105	37.9536	81.8181	PPK	1.5 +	2.4 +	6.9	1.57	0.35	4.49 -	1788.	42.	5.
2082	0000	-1106	37.9541	81.8181	PPK	1.5 +	2.4 +	6.8	1.64	0.36 +	4.59 -	1791.	43.	5.
2083	0000	-1105	37.9547	81.8181	PPK	1.5 +	2.0	6.8	1.30	0.29	4.46 -	1778.	44.	6.
2084	0000	-1107	37.9552	81.8181	PPK	1.5 +	1.8	7.2	1.21	0.25	4.84	1761.	45.	7.
2085	0000	-1111	37.9557	81.8182	PPK	1.4	1.8	7.1	1.25	0.25	5.09	1731.	44.	6.
2086	0000	-1111	37.9562	81.8182	PPK	1.4	1.4	6.9	1.00	0.20	4.93	1652.	44.	7.
2087	0000	-1111	37.9567	81.8182	PPK	1.3	1.3	7.1	0.97 -	0.18 -	5.32	1592.	45.	7.
2088	0000	-1112	37.9573	81.8182	PPK	1.3	1.1	6.9	0.88 -	0.16 -	5.37	1551.	48.	7.
2089	0000	-1110	37.9578	81.8182	PPK	1.3	1.4	6.7	1.12	0.21	5.30	1547.	47.	7.
2090	0000	-1106	37.9583	81.8182	PPK	1.3	1.7	6.6	1.34	0.26	5.19	1560.	46.	7.
2091	0000	-1100	37.9588	81.8182	PPK	1.2	2.0	6.9	1.61	0.29	5.62	1594.	46.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-1096	37.9594	81.8182	PPK	1.3	2.1	7.1	1.65	0.29	5.65	1624.	48.	6.
2093	0000	-1104	37.9599	81.8182	PPK	1.3	2.0	7.3	1.51	0.28	5.41	1706.	49.	6.
2094	0000	-1114	37.9604	81.8182	PPK	1.4 +	1.8	7.6 +	1.24	0.23	5.34	1764.	48.	6.
2095	0000	-1118	37.9609	81.8183	PPK	1.4	2.0	7.8 +	1.38	0.25	5.46	1792.	46.	6.
2096	0000	-1118	37.9614	81.8183	PPK	1.4 +	1.6	7.9 +	1.10	0.20	5.50	1786.	47.	6.
2097	0000	-1117	37.9619	81.8183	PPK	1.4 +	1.3	7.9 +	0.93 -	0.17 -	5.48	1776.	46.	7.
2098	0000	-1114	37.9625	81.8183	PPK	1.4	1.2	7.4	0.88 -	0.17 -	5.20	1733.	47.	8.
2099	0000	-1109	37.9630	81.8183	PPK	1.4	1.0 -	7.6 +	0.71 --	0.13 -	5.51	1722.	45.	9.
2100	0000	-1099	37.9635	81.8183	PPK	1.3	1.0 -	7.2	0.77 -	0.14 -	5.44	1686.	44.	10.
2101	0000	-1096	37.9641	81.8183	PPK	1.2	1.3	6.5	1.02	0.19	5.26	1617.	45.	10.
2102	0000	-1102	37.9646	81.8183	PPK	1.2	1.2	6.6	0.94 -	0.17 -	5.37	1586.	47.	10.
2103	0000	-1109	37.9651	81.8183	PPK	1.2	1.3	6.9	1.05	0.19 -	5.62	1583.	46.	10.
2104	0000	-1113	37.9656	81.8183	PPK	1.2	1.4	7.5	1.17	0.18 -	6.46 +	1558.	45.	9.
2105	0000	-1116	37.9661	81.8183	PPK	1.2	1.2	7.6 +	1.02	0.16 -	6.44 +	1536.	46.	8.
2106	0000	-1115	37.9667	81.8183	PPK	1.2	1.3	7.2	1.10	0.18 -	6.21	1488.	47.	7.
2107	0000	-1114	37.9672	81.8183	PPK	1.1	1.4	7.2	1.25	0.20	6.39 +	1456.	46.	5.
2108	0000	-1114	37.9677	81.8183	PPK	1.1	1.5	6.9	1.35	0.22	6.21	1430.	44.	5.
2109	0000	-1114	37.9682	81.8183	PPK	1.1	1.5	6.5	1.37	0.22	6.12	1387.	44.	4.
2110	0000	-1113	37.9688	81.8183	PPK	1.0	1.5	6.2	1.51	0.25	6.14	1343.	45.	3.
2111	0000	-1112	37.9693	81.8183	PPK	1.0	1.5	5.5	1.53	0.28	5.42	1321.	47.	4.
2112	0000	-1114	37.9698	81.8183	PPK	1.0	1.5	5.0	1.41	0.29	4.80	1339.	47.	5.
2113	0000	-1114	37.9703	81.8183	PPK	1.1	1.5	5.1	1.38	0.30	4.63 -	1374.	47.	5.
2114	0000	-1113	37.9709	81.8184	PPK	1.1	1.6	5.2	1.51	0.31	4.82	1377.	46.	5.
2115	0000	-1113	37.9714	81.8184	PPK	1.1	1.5	5.6	1.39	0.26	5.25	1389.	47.	6.
2116	0000	-1116	37.9719	81.8184	PPK	1.1	1.7	6.0	1.50	0.27	5.48	1432.	46.	6.
2117	0000	-1116	37.9724	81.8184	PPK	1.2	1.8	6.3	1.56	0.29	5.46	1489.	45.	6.
2118	0000	-1116	37.9729	81.8184	PPK	1.3	1.8	6.9	1.42	0.26	5.44	1546.	47.	5.
2119	0000	-1116	37.9735	81.8184	PPK	1.3	2.2 +	7.2	1.71	0.30	5.64	1597.	46.	4.
2120	0000	-1116	37.9740	81.8184	PPK	1.3	2.5 +	7.3	1.94 +	0.34	5.64	1674.	46.	3.
2121	0000	-1116	37.9745	81.8185	PPK	1.4	2.6 +	7.7 +	1.87	0.34	5.48	1773.	46.	2.
2122	0000	-1117	37.9750	81.8185	PPK	1.5 +	2.8 +	7.7 +	1.89	0.36 +	5.28	1812.	46.	2.
2123	0000	-1116	37.9756	81.8185	PPK	1.4 +	2.6 +	7.2	1.82	0.37 +	4.96	1780.	45.	2.
2124	0000	-1115	37.9761	81.8185	PPK	1.4	2.5 +	6.9	1.75	0.36 +	4.92	1726.	45.	2.
2125	0000	-1114	37.9766	81.8185	PPK	1.3	2.4 +	6.4	1.84	0.37 +	4.98	1675.	45.	3.
2126	0000	-1113	37.9771	81.8185	PPK	1.2	2.2	6.2	1.73	0.35	4.98	1622.	44.	5.
2127	0000	-1112	37.9776	81.8185	PPK	1.2	1.9	6.3	1.66	0.31	5.33	1559.	43.	5.
2128	0000	-1114	37.9781	81.8185	PPK	1.2	1.6	6.0	1.42	0.27	5.17	1500.	44.	7.
2129	0000	-1114	37.9787	81.8185	PPK	1.2	1.6	5.9	1.42	0.28	5.08	1522.	43.	9.
2130	0000	-1114	37.9792	81.8185	PPK	1.2	1.7	6.6	1.36	0.25	5.44	1591.	43.	11.
2131	0000	-1116	37.9797	81.8185	PPK	1.3	1.6	6.6	1.28	0.25	5.17	1647.	42.	13.
2132	0000	-1115	37.9803	81.8185	PPK	1.3	1.8	6.4	1.42	0.29	4.95	1663.	40.	13.
2133	0000	-1112	37.9808	81.8185	PPK	1.3	1.7	6.5	1.31	0.26	4.99	1657.	40.	13.
2134	0000	-1111	37.9813	81.8185	PPK	1.3	1.7	6.0	1.30	0.28	4.65 -	1623.	41.	13.
2135	0000	-1112	37.9818	81.8185	PPK	1.2	1.7	6.2	1.42	0.28	5.17	1600.	39.	12.
2136	0000	-1110	37.9823	81.8185	PPK	1.2	1.6	6.4	1.40	0.25	5.49	1562.	41.	10.
2137	0000	-1109	37.9828	81.8185	PPK	1.1	1.7	6.4	1.59	0.27	5.91	1532.	41.	8.
2138	0000	-1109	37.9834	81.8185	PPK	1.0	1.8	7.0	1.84	0.26	7.00 +	1513.	40.	6.
2139	0000	-1109	37.9839	81.8185	PPK	1.0	1.7	7.4	1.65	0.23	7.19 ++	1511.	41.	6.
2140	0000	-1107	37.9844	81.8185	PPK	1.0	1.9	7.7 +	1.85	0.25	7.49 ++	1529.	42.	4.
2141	0000	-1107	37.9850	81.8186	PPK	1.1	1.8	8.2 +	1.63	0.22	7.35 ++	1592.	42.	4.
2142	0000	-1107	37.9855	81.8186	PPK	1.3	1.9	8.2 +	1.47	0.23	6.45 +	1671.	42.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 820, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-1107	37.9860	81.8186		PPK	1.4	2.0	8.6 +	1.45	0.23	6.26 +	1760.	40.	4.
2144	0000	-1107	37.9865	81.8186		PPK	1.4	1.8	8.2 +	1.29	0.22	5.83	1757.	43.	4.
2145	0000	-1107	37.9870	81.8186		PPK	1.5 +	1.8	7.6 +	1.19	0.23	5.19	1739.	45.	3.
2146	0000	-1105	37.9875	81.8186		PPK	1.4 +	1.8	7.6 +	1.23	0.23	5.26	1733.	45.	3.
2147	0000	-1105	37.9881	81.8186		PPK	1.5 +	1.7	7.5	1.13	0.22	5.09	1708.	46.	3.
2148	0000	-1104	37.9886	81.8186		PPK	1.4	1.7	7.6 +	1.23	0.22	5.49	1663.	46.	2.
2149	0000	-1103	37.9891	81.8186		PPK	1.3	1.6	7.5	1.26	0.22	5.79	1600.	47.	2.
2150	0000	-1102	37.9897	81.8186		PPK	1.2	1.4	7.4	1.15	0.19 -	6.21	1515.	48.	1.
2151	0000	-1104	37.9902	81.8186		PPK	1.2	1.5	7.3	1.20	0.20	6.06	1520.	47.	2.
2152	0000	-1103	37.9907	81.8186		PPK	1.2	1.8	7.0	1.56	0.26	5.98	1527.	45.	3.
2153	0000	-1102	37.9912	81.8186		PPK	1.2	1.8	7.1	1.52	0.25	6.11	1534.	45.	2.
2154	0000	-1102	37.9917	81.8186		PPK	1.1	1.9	7.0	1.69	0.27	6.18	1543.	46.	2.
2155	0000	-1100	37.9923	81.8186		PPK	1.1	1.9	6.6	1.76	0.29	6.05	1513.	45.	3.
2156	0000	-1098	37.9928	81.8186		PPK	1.1	1.8	6.6	1.73	0.28	6.15	1484.	47.	2.
2157	0000	-1097	37.9933	81.8186		PPK	1.1	2.0	6.4	1.79	0.31	5.69	1490.	47.	2.
2158	0000	-1099	37.9938	81.8186		PPK	1.2	2.1	6.6	1.79	0.31	5.73	1526.	45.	2.
2159	0000	-1100	37.9943	81.8186		PPK	1.2	1.6	7.4	1.33	0.22	6.03	1571.	47.	3.
2160	0000	-1098	37.9949	81.8186		PPK	1.3	1.7	8.0 +	1.38	0.22	6.31 +	1628.	47.	4.
2161	0000	-1097	37.9954	81.8187		PPK	1.3	1.7	8.2 +	1.29	0.21	6.24 +	1693.	43.	6.
2162	0000	-1098	37.9959	81.8187		PPK	1.4	1.6	8.1 +	1.15	0.20	5.67	1771.	42.	8.
2163	0000	-1097	37.9964	81.8187		PPK	1.4 +	1.9	8.0 +	1.33	0.24	5.58	1848.	40.	9.
2164	0000	-1097	37.9970	81.8187		PPK	1.5 +	1.7	8.4 +	1.12	0.21	5.42	1930.	38.	11.
2165	0000	-1097	37.9975	81.8187		PPK	1.6 +	1.6	8.8 +	1.02	0.19 -	5.52	1973.	39.	11.
2166	0000	-1095	37.9980	81.8187		PPK	1.7 +	1.5	9.2 ++	0.92 -	0.17 -	5.52	2023.	38.	12.
2167	0000	-1093	37.9985	81.8187	•	PPK	1.7 +	1.6	8.8 +	0.91 -	0.18 -	5.09	2062.	39.	12.
2168	0000	-1091	37.9990	81.8187		PPK	1.7 +	1.6	8.8 +	0.91 -	0.18 -	5.09	2062.	39.	12.
2169	0000	-1090	37.9995	81.8187		PPK	1.7 +	1.6	8.8 +	0.91 -	0.18 -	5.09	2062.	39.	12.
2170	0000	-1090	38.0000	81.8187		PPK	1.7 +	1.6	8.8 +	0.91 -	0.18 -	5.09	2062.	39.	12.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-376	37.9996	81.4902	PPK	1.0	1.8	5.6	1.81	0.33	5.57	1435.	54.	6.
2	0000	-376	37.9991	81.4903	PPK	1.0	1.8	5.6	1.81	0.33	5.57	1435.	54.	6.
3	0000	-375	37.9987	81.4903	PPK	1.0	1.8	5.6	1.81	0.33	5.57	1435.	54.	6.
4	0000	-377	37.9983	81.4903	PPK	1.0	1.8	5.6	1.81	0.33	5.57	1435.	54.	6.
5	0000	-377	37.9979	81.4903	PPK	1.0	1.8	5.3	1.72	0.33	5.24	1391.	53.	7.
6	0000	-378	37.9975	81.4904	PPK	1.0	1.6	4.8	1.59	0.34	4.69	1366.	54.	8.
7	0000	-380	37.9971	81.4904	PPK	1.1	1.3	5.3	1.20	0.24	4.99	1392.	54.	8.
8	0000	-379	37.9967	81.4904	PPK	1.1	1.2	6.5	1.04	0.18 -	5.87	1484.	52.	8.
9	0000	-379	37.9963	81.4904	PPK	1.2	1.2	7.0	1.05	0.18 -	5.93	1543.	50.	8.
10	0000	-381	37.9959	81.4904	PPK	1.2	1.6	7.4	1.30	0.21	6.11	1595.	46.	7.
11	0000	-379	37.9955	81.4904	PPK	1.3	1.6	7.8 +	1.20	0.21	5.80	1637.	44.	6.
12	0000	-378	37.9951	81.4904	PPK	1.3	1.7	8.2 +	1.23	0.20	6.08	1666.	44.	5.
13	0000	-378	37.9947	81.4904	PPK	1.4	1.8	8.1 +	1.26	0.22	5.75	1693.	42.	4.
14	0000	-380	37.9943	81.4905	PPK	1.4	2.2 +	8.1 +	1.60	0.27	5.93	1675.	40.	3.
15	0000	-382	37.9939	81.4905	PPK	1.4	2.2 +	7.4	1.61	0.29	5.46	1624.	43.	2.
16	0000	-384	37.9935	81.4905	PPK	1.3	2.1	7.2	1.57	0.29	5.39	1599.	44.	2.
17	0000	-384	37.9931	81.4905	PPK	1.3	1.9	6.9	1.45	0.28	5.20	1598.	48.	4.
18	0000	-384	37.9927	81.4905	PPK	1.3	1.7	7.2	1.32	0.24	5.54	1602.	48.	5.
19	0000	-385	37.9923	81.4905	PPK	1.3	1.6	7.0	1.21	0.23	5.32	1591.	49.	6.
20	0000	-386	37.9919	81.4905	PPK	1.3	1.4	7.3	1.12	0.20	5.73	1589.	49.	7.
21	0000	-386	37.9915	81.4905	PPK	1.3	1.4	7.2	1.03	0.19	5.44	1602.	50.	8.
22	0000	-387	37.9911	81.4905	PPK	1.3	1.2	7.0	0.94 -	0.17 -	5.50	1589.	48.	10.
23	0000	-386	37.9907	81.4906	PPK	1.3	1.0 -	6.5	0.79 -	0.16 -	5.02	1555.	49.	11.
24	0000	-387	37.9903	81.4906	PPK	1.3	0.9 -	6.4	0.72 -	0.14 -	5.05	1510.	48.	11.
25	0000	-390	37.9899	81.4906	PPK	1.2	1.1 -	5.7	0.89 -	0.19 -	4.76	1460.	49.	11.
26	0000	-391	37.9895	81.4906	PPK	1.2	1.2	5.6	1.02	0.21	4.79	1430.	48.	10.
27	0000	-392	37.9891	81.4907	PPK	1.2	1.2	5.3	1.00 -	0.22	4.47 -	1398.	47.	9.
28	0000	-392	37.9887	81.4907	PPK	1.1	0.9 -	5.3	0.82 -	0.17 -	4.72	1359.	48.	9.
29	0000	-391	37.9883	81.4907	PPK	1.1	1.2	5.3	1.03	0.22	4.71	1354.	48.	7.
30	0000	-392	37.9879	81.4907	PPK	1.1	1.4	5.7	1.24	0.24	5.26	1368.	49.	5.
31	0000	-392	37.9875	81.4907	PPK	1.2	1.3	6.1	1.09	0.21	5.22	1397.	49.	4.
32	0000	-393	37.9871	81.4907	PPK	1.2	1.3	6.6	1.13	0.20	5.54	1433.	47.	3.
33	0000	-394	37.9867	81.4907	PPK	1.2	1.3	6.4	1.08	0.20	5.40	1428.	48.	3.
34	0000	-394	37.9863	81.4907	PPK	1.2	1.6	6.5	1.35	0.24	5.60	1426.	49.	2.
35	0000	-395	37.9859	81.4908	PPK	1.2	1.7	6.4	1.39	0.26	5.31	1411.	52.	2.
36	0000	-397	37.9855	81.4908	PPK	1.2	1.5	5.9	1.23	0.25	4.94	1377.	53.	3.
37	0000	-397	37.9851	81.4908	PPK	1.2	1.3	5.8	1.09	0.22	4.96	1346.	50.	3.
38	0000	-397	37.9847	81.4908	PPK	1.1	1.3	5.5	1.25	0.25	5.10	1300.	50.	4.
39	0000	-396	37.9843	81.4908	PPK	1.0	1.4	5.1	1.41	0.29	4.94	1252.	53.	4.
40	0000	-398	37.9838	81.4908	PPA-1	1.0	1.3	4.8	1.37	0.28	4.90 -	1222.	53.	4.
41	0000	-399	37.9834	81.4908	PPA-1	0.9	1.2	4.7	1.31	0.27	4.94 -	1180.	53.	4.
42	0000	-398	37.9830	81.4908	PPA-1	0.9	1.2	4.4	1.40	0.27	5.12	1147.	50.	4.
43	0000	-397	37.9826	81.4908	PPA-1	0.8	1.1	4.9	1.44	0.23	6.29	1117.	51.	5.
44	0000	-398	37.9822	81.4909	PPA-1	0.7	1.2	4.7	1.75	0.27	6.60	1080.	53.	4.
45	0000	-396	37.9818	81.4909	PPK	0.7 -	1.2	4.8	1.72	0.24	7.13 +	1052.	53.	4.
46	0000	-396	37.9814	81.4909	PPK	0.6 --	1.0 -	4.8	1.51	0.20	7.41 ++	1019.	55.	4.
47	0000	-396	37.9810	81.4909	PPK	0.6 --	1.0 -	5.1	1.66	0.20	8.28 +++	1002.	54.	4.
48	0000	-395	37.9806	81.4910	PPK	0.6 --	1.1	4.9	2.00 +	0.23	8.79 +++	999.	54.	4.
49	0000	-395	37.9802	81.4910	PPK	0.6 --	1.0 -	5.0	1.79	0.21	8.57 +++	1030.	57.	5.
50	0000	-397	37.9798	81.4910	PPK	0.7 -	1.1	5.1	1.66	0.21	7.80 ++	1074.	58.	5.
51	0000	-398	37.9794	81.4910	PPK	0.7 -	1.1	5.5	1.51	0.20	7.46 ++	1145.	58.	5.

FLIGHT LINE 840, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-399	37.9790	81.4911	PPK	0.8 -	1.4	5.6	1.79	0.25	7.25 ++	1202.	58.	5.
53	0000	-400	37.9786	81.4910	PPK	0.8 -	1.4	5.9	1.82	0.24	7.62 ++	1234.	55.	4.
54	0000	-400	37.9782	81.4910	PPK	0.8 -	1.4	6.0	1.76	0.24	7.39 ++	1266.	56.	4.
55	0000	-401	37.9778	81.4910	PPK	0.9	1.4	6.0	1.46	0.23	6.43 +	1292.	55.	4.
56	0000	-402	37.9774	81.4911	PPK	0.9	1.5	6.2	1.55	0.24	6.49 +	1290.	54.	4.
57	0000	-401	37.9770	81.4911	PPK	0.9	1.5	5.9	1.60	0.25	6.42 +	1258.	55.	3.
58	0000	-400	37.9766	81.4911	PPK	0.9	1.4	5.5	1.64	0.26	6.31 +	1222.	53.	3.
59	0000	-400	37.9762	81.4911	PPK	0.9	1.3	5.1	1.41	0.26	5.53	1190.	54.	4.
60	0000	-400	37.9758	81.4911	PPK	0.9	1.2	4.7	1.35	0.27	5.08	1169.	53.	4.
61	0000	-402	37.9754	81.4912	PPK	0.9	1.2	4.6 -	1.32	0.25	5.22	1130.	52.	4.
62	0000	-404	37.9750	81.4912	PPK	0.8 -	0.9 -	4.9	1.03	0.18 -	5.85	1090.	53.	5.
63	0000	-403	37.9745	81.4912	PPK	0.8 -	0.6 --	4.7	0.77 -	0.13 -	5.81	1062.	55.	6.
64	0000	-404	37.9742	81.4912	PPK	0.8 - -	0.5 ---	4.6 -	0.56 --	0.10 --	5.49	1052.	54.	7.
65	0000	-404	37.9738	81.4912	PPK	0.9	0.3 ---	4.7	0.40 ---	0.07 --	5.30	1034.	55.	7.
66	0010	-405	37.9734	81.4912	PPK	0.9	0.2 N.A.	5.0	0.25 N.A.	0.04 N.A.	5.80	1031.	55.	8.
67	0010	-406	37.9730	81.4912	PPK	0.9	0.2 N.A.	5.3	0.21 N.A.	0.03 N.A.	5.98	1049.	56.	8.
68	0010	-405	37.9725	81.4912	PPK	0.9	0.3 N.A.	5.6	0.34 N.A.	0.06 N.A.	5.99	1095.	57.	8.
69	0000	-403	37.9722	81.4913	PPK	1.0	0.6 --	5.5	0.60 --	0.11 -	5.59	1138.	58.	7.
70	0000	-403	37.9717	81.4913	PPK	1.0	0.9 -	5.5	0.94 -	0.17 -	5.40	1178.	56.	6.
71	0000	-404	37.9714	81.4913	PPK	1.1	1.1	5.6	1.05	0.20	5.20	1235.	58.	5.
72	0000	-404	37.9710	81.4913	PPK	1.1	1.3	5.9	1.14	0.21	5.42	1277.	58.	5.
73	0000	-403	37.9706	81.4913	PPK	1.1	1.4	6.3	1.23	0.23	5.48	1329.	57.	4.
74	0000	-403	37.9702	81.4913	PPK	1.2	1.3	6.2	1.07	0.21	5.03	1367.	57.	4.
75	0000	-404	37.9697	81.4913	PPK	1.3	1.1 -	5.7	0.83 -	0.18 -	4.52 -	1370.	58.	4.
76	0000	-405	37.9693	81.4913	PPK	1.2	0.8 -	5.7	0.68 --	0.15 -	4.60 -	1388.	56.	5.
77	0000	-407	37.9689	81.4913	PPK	1.3	0.8 -	5.7	0.59 --	0.13 -	4.37 -	1420.	56.	6.
78	0000	-404	37.9685	81.4914	PPK	1.3	1.4	5.7	1.05	0.24	4.33 -	1455.	53.	5.
79	1000	-403	37.9681	81.4914	PPK	1.3	1.3	5.7	0.97 -	0.22	4.36 -	1493.	53.	6.
80	1000	-405	37.9677	81.4914	PPK	1.3	1.3	6.0	0.94 -	0.21	4.49 -	1522.	53.	6.
81	1000	-405	37.9673	81.4914	PPK	1.3	1.4	5.8	1.03	0.24	4.37 -	1554.	52.	5.
82	1000	-405	37.9669	81.4914	PPK	1.4	1.7	6.0	1.29	0.29	4.44 -	1600.	50.	5.
83	1000	-406	37.9665	81.4914	PPK	1.3	2.3 +	6.5	1.76	0.35	5.06	1628.	49.	4.
84	1000	-407	37.9660	81.4914	PPK	1.2	2.4 +	6.6	1.93 +	0.36 +	5.36	1629.	49.	4.
85	1000	-408	37.9657	81.4914	PPK	1.2	1.9	7.0	1.60	0.27	5.87	1615.	50.	3.
86	1000	-409	37.9653	81.4915	PPK	1.2	2.0	6.5	1.68	0.30	5.53	1578.	49.	3.
87	1000	-410	37.9649	81.4915	PPK	1.2	1.9	5.8	1.63	0.33	4.99	1530.	49.	4.
88	1000	-410	37.9645	81.4915	PPK	1.1	1.9	6.0	1.75	0.32	5.53	1478.	46.	3.
89	0000	-412	37.9641	81.4915	PPK	1.0	1.8	6.2	1.69	0.29	5.93	1425.	47.	4.
90	0000	-412	37.9637	81.4916	PPK	1.1	1.4	5.7	1.32	0.25	5.28	1367.	46.	5.
91	0000	-413	37.9632	81.4916	PPK	1.1	1.2	5.4	1.12	0.22	5.02	1311.	44.	5.
92	0000	-414	37.9629	81.4916	PPK	1.0	0.9 -	5.0	0.88 -	0.18 -	4.94	1234.	45.	6.
93	0000	-413	37.9625	81.4916	PPK	0.9	1.0 -	4.8	1.10	0.22	5.11	1185.	46.	6.
94	0000	-412	37.9621	81.4917	PPK	0.9	1.0 -	5.0	1.11	0.19	5.81	1127.	46.	6.
95	0000	-414	37.9617	81.4917	PPK	0.8 -	1.1 -	4.6 -	1.34	0.23	5.87	1080.	48.	6.
96	0000	-416	37.9612	81.4917	PPK	0.8 -	1.0 -	4.2 -	1.30	0.23	5.53	1038.	49.	6.
97	0000	-416	37.9608	81.4917	PPK	0.8 -	0.9 -	3.9 -	1.21	0.24	5.07	1006.	52.	6.
98	0000	-415	37.9604	81.4917	PPK	0.7 -	1.0 -	3.9 -	1.37	0.26	5.22	993.	54.	6.
99	0000	-416	37.9601	81.4917	PPK	0.7 -	1.3	3.7 -	1.77	0.36 +	4.94	1003.	55.	6.
100	0000	-418	37.9596	81.4917	PPK	0.8 -	1.1	3.6 -	1.38	0.31	4.44 -	1021.	56.	7.
101	0000	-418	37.9592	81.4917	PPK	0.8 -	1.1	3.5 -	1.35	0.32	4.23 -	1059.	55.	8.
102	0000	-420	37.9588	81.4917	PPK	0.9	1.3	3.8 -	1.38	0.33	4.16 -	1118.	53.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-419	37.9584	81.4918		PPK	0.9	1.3	3.9 -	1.46	0.34	4.29 -	1153.	53.	9.
104	0000	-419	37.9580	81.4918		PPK	0.9	1.6	4.4 -	1.68	0.36 +	4.71	1208.	53.	8.
105	0000	-420	37.9576	81.4918		PPK	1.0	1.5	4.7	1.51	0.33	4.62 -	1269.	51.	9.
106	0000	-420	37.9572	81.4918		PPK	1.1	1.5	5.3	1.35	0.28	4.91	1326.	51.	8.
107	0000	-420	37.9568	81.4918		PPK	1.0	1.7	5.6	1.58	0.29	5.41	1352.	50.	7.
108	0000	-421	37.9564	81.4918		PPK	1.1	1.9	5.8	1.75	0.33	5.32	1371.	49.	6.
109	0000	-421	37.9560	81.4918		PPK	1.1	1.6	6.0	1.48	0.27	5.52	1368.	52.	6.
110	0000	-423	37.9556	81.4918		PPK	1.1	1.6	6.2	1.44	0.26	5.49	1380.	51.	6.
111	0000	-423	37.9552	81.4919		PPK	1.1	1.7	6.1	1.48	0.27	5.43	1389.	49.	5.
112	0000	-422	37.9548	81.4919		PPK	1.0	1.8	6.1	1.72	0.29	5.84	1399.	49.	5.
113	0000	-423	37.9544	81.4919		PPK	1.1	2.1	6.1	1.95 +	0.34	5.79	1432.	48.	5.
114	0000	-425	37.9540	81.4919		PPK	1.2	1.9	6.5	1.61	0.29	5.46	1510.	46.	6.
115	1000	-424	37.9536	81.4919		PPK	1.2	2.1	6.3	1.82	0.34	5.34	1531.	47.	6.
116	1000	-424	37.9532	81.4919		PPK	1.2	2.2 +	6.0	1.84	0.37 +	5.02	1557.	47.	7.
117	1000	-426	37.9529	81.4918		PPK	1.2	2.2 +	6.1	1.83	0.36 +	5.14	1582.	47.	6.
118	1000	-428	37.9525	81.4918		PPK	1.2	2.1	6.0	1.73	0.35	4.96	1597.	48.	7.
119	0000	-427	37.9521	81.4917		PPK	1.3	2.1	6.3	1.64	0.33	4.97	1597.	49.	6.
120	0000	-429	37.9518	81.4917		PPK	1.3	2.0	5.9	1.54	0.33	4.67 -	1564.	48.	5.
121	0000	-431	37.9514	81.4917		PPK	1.2	2.1	5.7	1.78	0.37 +	4.81	1491.	48.	4.
122	0000	-432	37.9510	81.4917		PPK	1.2	1.7	5.6	1.42	0.30	4.76	1443.	49.	4.
123	0000	-433	37.9507	81.4916		PPK	1.1	1.7	5.5	1.47	0.31	4.78	1392.	48.	3.
124	0000	-433	37.9503	81.4916		PPK	1.2	1.6	5.5	1.42	0.30	4.75	1370.	47.	3.
125	0000	-433	37.9499	81.4915		PPK	1.2	1.5	5.6	1.28	0.26	4.85	1356.	47.	3.
126	0000	-435	37.9496	81.4915		PPK	1.1	1.3	5.1	1.13	0.25	4.51 -	1344.	48.	4.
127	0000	-437	37.9492	81.4914		PPK	1.2	1.1	5.2	0.96 -	0.22	4.47 -	1327.	48.	4.
128	0000	-438	37.9489	81.4914		PPK	1.2	1.0 -	5.2	0.82 -	0.19	4.35 -	1329.	50.	4.
129	0000	-438	37.9485	81.4913		PPK	1.2	1.0 -	5.7	0.85 -	0.18 -	4.70	1354.	48.	5.
130	0000	-440	37.9482	81.4913		PPK	1.2	1.0 -	5.9	0.81 -	0.17 -	4.77	1376.	47.	5.
131	0000	-440	37.9478	81.4913		PPK	1.2	1.0 -	5.6	0.83 -	0.18 -	4.70	1361.	49.	6.
132	0000	-440	37.9474	81.4912		PPK	1.2	1.0 -	5.3	0.88 -	0.19	4.52 -	1330.	50.	7.
133	0000	-443	37.9471	81.4912		PPK	1.1	1.1 -	5.4	0.94 -	0.20	4.74	1295.	50.	7.
134	0000	-444	37.9467	81.4911		PPK	1.0	1.1	5.4	1.04	0.20	5.10	1273.	49.	7.
135	0000	-442	37.9463	81.4911		PPK	1.0	1.1	5.2	1.07	0.21	5.20	1233.	49.	7.
136	0000	-444	37.9460	81.4911		PPK	0.9	1.1	4.7	1.17	0.24	4.95	1197.	50.	7.
137	0000	-446	37.9456	81.4911		PPK	0.9	1.1	4.6 -	1.28	0.25	5.20	1158.	53.	7.
138	0000	-446	37.9452	81.4910		PPK	0.9	1.3	4.5 -	1.51	0.29	5.23	1138.	52.	5.
139	0000	-446	37.9449	81.4910		PPK	0.8 -	1.3	4.9	1.70	0.27	6.24 +	1122.	52.	4.
140	0000	-446	37.9445	81.4909		PPK	0.8 -	1.4	4.7	1.83	0.30	6.15	1109.	50.	3.
141	0000	-445	37.9442	81.4909		PPK	0.8 -	1.3	4.7	1.71	0.28	6.10	1076.	53.	3.
142	0000	-445	37.9438	81.4908		PPK	0.8 -	1.4	4.6 -	1.79	0.30	5.97	1064.	54.	2.
143	0000	-446	37.9434	81.4907		PPK	0.8 -	1.5	4.6 -	1.95 +	0.32	6.01	1059.	54.	1.
144	0000	-445	37.9431	81.4907		PPK	0.8 -	1.6	4.4 -	2.13 +	0.36 +	5.84	1066.	55.	0.
145	0000	-444	37.9427	81.4907		PPK	0.8 -	1.5	4.6 -	1.90	0.33	5.72	1090.	56.	0.
146	0000	-446	37.9423	81.4907		PPK	0.9	1.4	4.0 -	1.68	0.36 +	4.71	1122.	54.	1.
147	0000	-446	37.9420	81.4906		PPK	0.9	1.5	4.0 -	1.64	0.37 +	4.44 -	1164.	57.	2.
148	0000	-446	37.9416	81.4906		PPK	0.9	1.7	4.2 -	1.86	0.41 +	4.51 -	1227.	55.	2.
149	0000	-445	37.9412	81.4905		PPK	1.0	1.9	4.4 -	1.94 +	0.44 ++	4.40 -	1302.	55.	3.
150	0000	-444	37.9409	81.4905		PPK	1.1	2.0	4.9	1.88	0.41 +	4.62 -	1369.	55.	3.
151	0000	-445	37.9405	81.4905		PPK	1.1	2.0	5.0	1.83	0.40 +	4.62 -	1442.	55.	4.
152	0000	-447	37.9401	81.4905		PPK	1.2	2.1	5.4	1.80	0.39 +	4.66 -	1506.	53.	5.
153	0000	-447	37.9398	81.4904		PPK	1.2	2.2 +	6.0	1.78	0.37 +	4.85	1596.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-449	37.9394	81.4904		PPK	1.3	1.9	6.8	1.47	0.28	5.18	1666.	52.	6.
155	0000	-454	37.9391	81.4903		PPK	1.4	1.7	6.8	1.21	0.25	4.91	1701.	52.	7.
156	0000	-455	37.9387	81.4902		PPK	1.4	1.2	7.1	0.87 -	0.17 -	5.01	1707.	51.	8.
157	0000	-456	37.9384	81.4902		PPK	1.4	1.2	6.6	0.85 -	0.18 -	4.82	1674.	52.	10.
158	0000	-460	37.9380	81.4901		PPK	1.4	0.8 -	6.7	0.58 --	0.12 -	4.90	1626.	51.	11.
159	0000	-465	37.9376	81.4901		PPK	1.3	0.7 --	6.3	0.58 --	0.12 -	4.87	1554.	52.	11.
160	0000	-469	37.9372	81.4901		PPK	1.2	0.6 --	5.8	0.50 ---	0.10 --	4.99	1440.	53.	12.
161	0000	-469	37.9369	81.4901		PPK	1.1	0.7 --	5.2	0.62 --	0.13 -	4.68 -	1335.	54.	11.
162	0000	-459	37.9365	81.4900		PPK	1.0	0.7 --	5.0	0.67 --	0.14 -	4.89	1307.	53.	11.
163	0000	-443	37.9362	81.4900		PPK	1.0	1.0 -	4.8	1.02	0.21	4.77	1306.	52.	11.
164	0000	-432	37.9358	81.4899		PPK	1.0	1.1	5.1	1.03	0.21	4.93	1337.	53.	10.
165	0000	-434	37.9354	81.4899		PPK	1.1	1.3	5.1	1.10	0.24	4.52 -	1399.	54.	9.
166	0000	-445	37.9351	81.4898		PPK	1.3	0.9 -	5.8	0.69 --	0.15 -	4.61 -	1520.	52.	10.
167	0000	-454	37.9347	81.4898		PPK	1.4	1.2	6.1	0.85 -	0.21	4.36 -	1663.	51.	9.
168	0000	-460	37.9343	81.4897		PPK	1.5 +	1.4	6.5	0.96 -	0.22	4.45 -	1773.	50.	9.
169	0000	-462	37.9340	81.4897		PPK	1.5 +	1.6	6.4	1.06	0.25	4.29 -	1776.	49.	8.
170	0000	-465	37.9337	81.4897		PPK	1.5 +	1.6	6.3	1.06	0.25	4.30 -	1755.	50.	7.
171	0000	-467	37.9332	81.4896		PPK	1.5 +	1.5	6.0	1.05	0.25	4.12 -	1737.	48.	7.
172	0000	-469	37.9329	81.4896		PPK	1.4	1.7	6.0	1.23	0.28	4.41 -	1676.	47.	6.
173	0000	-470	37.9325	81.4895		PPK	1.3	2.0	5.4	1.57	0.37 +	4.29 -	1585.	49.	5.
174	0000	-470	37.9322	81.4895		PPK	1.2	1.8	5.3	1.42	0.33	4.28 -	1504.	51.	5.
175	0000	-471	37.9318	81.4894		PPK	1.2	2.0	5.2	1.60	0.37 +	4.27 -	1473.	52.	4.
176	0000	-475	37.9315	81.4894		PPK	1.2	2.2 +	5.8	1.78	0.37 +	4.75	1507.	52.	5.
177	0000	-476	37.9311	81.4894		PPK	1.2	2.2 +	6.2	1.79	0.35	5.13	1526.	51.	6.
178	0000	-474	37.9307	81.4894		PPK	1.2	2.3 +	6.7	1.90	0.34	5.61	1532.	51.	6.
179	0000	-476	37.9304	81.4893		PPK	1.2	2.1	6.6	1.76	0.32	5.46	1535.	51.	8.
180	0000	-478	37.9300	81.4893		PPK	1.2	2.1	7.0	1.67	0.29	5.67	1538.	51.	8.
181	0000	-478	37.9296	81.4892		PPK	1.2	1.8	7.1	1.43	0.25	5.79	1517.	50.	9.
182	0000	-478	37.9293	81.4891		PPK	1.2	1.4	7.1	1.16	0.20	5.91	1485.	48.	9.
183	0000	-477	37.9289	81.4891		PPK	1.2	0.8 -	7.0	0.68 --	0.12 -	5.75	1436.	50.	10.
184	0000	-479	37.9285	81.4890		PPK	1.2	0.7 --	6.7	0.60 --	0.11 -	5.41	1412.	53.	9.
185	0000	-479	37.9282	81.4890		PPK	1.3	0.5 ---	6.3	0.38 ---	0.08 --	4.94	1421.	54.	9.
186	0000	-479	37.9278	81.4890		PPK	1.3	0.7 --	6.3	0.52 --	0.11 -	4.87	1437.	54.	8.
187	0000	-481	37.9274	81.4890		PPK	1.3	0.8 -	6.3	0.60 --	0.12 -	4.88	1459.	53.	7.
188	0000	-483	37.9271	81.4889		PPK	1.3	1.2	6.7	0.97 -	0.18 -	5.38	1513.	55.	6.
189	0000	-482	37.9267	81.4889		PPK	1.3	1.7	7.1	1.38	0.25	5.61	1578.	56.	5.
190	0000	-483	37.9264	81.4888		PPK	1.4	2.1	7.2	1.46	0.29	5.08	1692.	53.	5.
191	0000	-484	37.9260	81.4888		PPK	1.5 +	2.3 +	7.3	1.54	0.31	4.90	1763.	51.	4.
192	0000	-486	37.9256	81.4888		PPK	1.5 +	2.4 +	7.5	1.62	0.32	5.03	1810.	48.	4.
193	0000	-488	37.9252	81.4888		PPK	1.5 +	2.5 +	7.7 +	1.62	0.32	5.05	1879.	46.	5.
194	0000	-488	37.9249	81.4887		PPK	1.6 +	2.6 +	7.8 +	1.70	0.34	5.03	1914.	46.	4.
195	0000	-490	37.9246	81.4887		PPK	1.6 +	2.6 +	7.7 +	1.60	0.33	4.82	1917.	44.	4.
196	0000	-491	37.9242	81.4886		PPK	1.6 +	2.3 +	7.3	1.44	0.32	4.46 -	1901.	44.	4.
197	0000	-491	37.9238	81.4885		PPK	1.5 +	2.4 +	7.0	1.65	0.34	4.79	1827.	46.	4.
198	0000	-492	37.9235	81.4885		PPK	1.4 +	2.3 +	7.3	1.62	0.32	5.08	1809.	48.	5.
199	0000	-493	37.9231	81.4884		PPK	1.5 +	2.3 +	7.3	1.57	0.31	5.00	1787.	48.	6.
200	0000	-494	37.9227	81.4884		PPK	1.4 +	2.1	7.5	1.46	0.28	5.21	1746.	49.	6.
201	0000	-495	37.9224	81.4884		PPK	1.4	2.1	7.5	1.55	0.28	5.45	1721.	52.	6.
202	0000	-496	37.9220	81.4884		PPK	1.3	2.0	6.9	1.46	0.29	5.08	1688.	51.	8.
203	0000	-497	37.9217	81.4883		PPK	1.3	1.7	7.0	1.31	0.24	5.45	1637.	51.	8.
204	0000	-498	37.9213	81.4883		PPK	1.3	1.7	6.6	1.29	0.25	5.19	1631.	51.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-497	37.9209	81.4882		PPK	1.3	1.6	6.7	1.24	0.24	5.23	1609.	52.	8.
206	0000	-497	37.9205	81.4882		PPK	1.3	1.6	6.9	1.29	0.24	5.44	1609.	55.	7.
207	0000	-498	37.9202	81.4881		PPK	1.3	1.6	6.6	1.21	0.24	5.06	1607.	56.	8.
208	0000	-500	37.9198	81.4881		PPK	1.3	1.4	6.3	1.03	0.22	4.66 -	1601.	55.	8.
209	0000	-501	37.9195	81.4881		PPK	1.3	1.4	6.9	1.08	0.21	5.24	1600.	54.	6.
210	0000	-500	37.9191	81.4880		PPK	1.3	1.5	6.8	1.10	0.22	5.09	1593.	55.	6.
211	0000	-499	37.9187	81.4880		PPK	1.3	1.3	6.9	0.98 -	0.19 -	5.29	1538.	54.	6.
212	0000	-498	37.9184	81.4879		PPK	1.2	1.3	6.5	1.08	0.20	5.29	1479.	53.	6.
213	0000	-500	37.9180	81.4879		PPK	1.1	1.4	5.7	1.27	0.25	5.04	1401.	51.	6.
214	0000	-502	37.9176	81.4878		PPK	1.0	1.4	5.5	1.35	0.25	5.31	1325.	50.	5.
215	0000	-500	37.9173	81.4878		PPK	0.9	1.3	5.3	1.41	0.25	5.61	1239.	50.	4.
216	0000	-499	37.9169	81.4877		PPK	0.9	1.4	4.7	1.50	0.29	5.23	1161.	52.	4.
217	0000	-500	37.9165	81.4877		PPK	0.8 -	1.4	4.5 -	1.71	0.31	5.42	1110.	50.	3.
218	0000	-500	37.9162	81.4877		PPK	0.8 -	1.5	4.4 -	1.93 +	0.35	5.58	1076.	48.	2.
219	0000	-501	37.9158	81.4877		PPK	0.8 -	1.5	4.2 -	1.95 +	0.35	5.60	1050.	49.	1.
220	0000	-502	37.9154	81.4876		PPK	0.7 -	1.3	4.1 -	1.89	0.33	5.78	1017.	50.	1.
221	0000	-500	37.9151	81.4876		PPK	0.7 -	1.4	4.1 -	2.02 +	0.33	6.19	981.	49.	0.
222	0000	-500	37.9148	81.4875		PPK	0.7 -	1.4	3.8 -	2.07 +	0.36 +	5.76	939.	52.	0.
223	0000	-502	37.9144	81.4875		PPK	0.6 --	1.3	3.8 -	2.16 +	0.35	6.27 +	901.	53.	0.
224	0000	-503	37.9140	81.4875		PPK	0.6 --	1.2	3.3 -	2.22 +	0.38 +	5.79	855.	55.	1.
225	0000	-503	37.9137	81.4874		PPA-1	0.5 -	1.1	2.9 --	2.01	0.37 +	5.48	821.	58.	2.
226	0000	-501	37.9133	81.4874		PPA-1	0.5 -	1.0	2.8 --	1.85	0.34	5.44	787.	58.	4.
227	0000	-503	37.9129	81.4873		PPA-1	0.5 -	0.8 -	2.9 --	1.46	0.28	5.26	790.	58.	6.
228	0000	-504	37.9126	81.4873		PPA-1	0.6 -	0.7 -	2.8 --	1.21	0.24	4.96 -	806.	60.	7.
229	0000	-504	37.9122	81.4872		PPK	0.6 --	0.5 ---	2.9 --	0.81 -	0.17 -	4.83	861.	57.	9.
230	0000	-505	37.9118	81.4872		PPK	0.7 -	0.6 --	3.0 --	0.95 -	0.21	4.51 -	916.	58.	10.
231	0000	-505	37.9115	81.4871		PPK	0.7 -	0.8 -	3.7 -	1.11	0.22	5.08	988.	58.	9.
232	0000	-504	37.9111	81.4871		PPK	0.8 -	1.0 -	4.0 -	1.17	0.24	4.87	1074.	55.	9.
233	0000	-506	37.9107	81.4871		PPK	0.9	1.3	4.3 -	1.51	0.31	4.80	1161.	54.	9.
234	0000	-506	37.9104	81.4871		PPK	1.0	1.5	4.8	1.42	0.30	4.69	1249.	56.	8.
235	0000	-506	37.9101	81.4870		PPK	1.1	1.6	5.4	1.46	0.30	4.82	1346.	55.	7.
236	0000	-506	37.9097	81.4869		PPK	1.2	2.0	5.6	1.71	0.35	4.88	1388.	56.	7.
237	1000	-506	37.9093	81.4869		PPK	1.1	1.9	5.6	1.64	0.33	4.97	1391.	54.	7.
238	1000	-507	37.9090	81.4868		PPK	1.1	1.7	5.4	1.47	0.31	4.79	1378.	53.	8.
239	1000	-507	37.9086	81.4868		PPK	1.1	1.5	5.4	1.41	0.28	5.00	1340.	53.	8.
240	0000	-507	37.9082	81.4867		PPK	1.1	1.2	5.5	1.11	0.22	5.16	1277.	55.	9.
241	0000	-509	37.9079	81.4867		PPK	0.9	1.1	5.0	1.20	0.22	5.35	1212.	54.	8.
242	0000	-507	37.9075	81.4867		PPK	0.9	1.0 -	4.7	1.08	0.21	5.21	1149.	55.	8.
243	0000	-504	37.9071	81.4867		PPK	0.9	0.8 -	5.1	0.94 -	0.17 -	5.64	1134.	55.	7.
244	0000	-506	37.9068	81.4866		PPK	0.9	0.9 -	5.0	1.01	0.18 -	5.51	1139.	54.	6.
245	0000	-506	37.9064	81.4866		PPK	0.9	1.4	4.9	1.50	0.28	5.43	1166.	55.	5.
246	0000	-506	37.9061	81.4865		PPK	1.0	1.5	4.9	1.53	0.30	5.17	1190.	54.	5.
247	0000	-507	37.9057	81.4865		PPK	1.0	1.6	4.7	1.71	0.35	4.92	1215.	53.	4.
248	0000	-506	37.9053	81.4865		PPK	0.9	1.8	4.6 -	1.90	0.39 +	4.87	1207.	53.	3.
249	0000	-506	37.9050	81.4864		PPK	0.9	1.9	4.1 -	2.13 +	0.45 ++	4.77	1181.	52.	3.
250	0000	-507	37.9046	81.4864		PPK	0.8 -	1.8	3.8 -	2.20 +	0.47 ++	4.65 -	1122.	53.	4.
251	0000	-505	37.9042	81.4863		PPK	0.8 -	1.6	3.7 -	2.06 +	0.44 ++	4.69	1074.	54.	4.
252	0000	-505	37.9039	81.4863		PPK	0.7 -	1.3	3.7 -	1.73	0.34	5.06	1023.	54.	5.
253	0000	-507	37.9035	81.4862		PPK	0.7 -	1.3	4.1 -	1.88	0.31	6.01	1010.	56.	4.
254	0000	-506	37.9031	81.4862		PPK	0.7 -	1.3	4.6 -	1.73	0.28	6.18	1037.	55.	4.
255	0000	-504	37.9028	81.4861		PPK	0.8 -	1.4	5.1	1.74	0.28	6.32 +	1099.	57.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-504	37.9024	81.4861	PPK	0.9	1.7	5.7	1.88	0.29	6.46 +	1186.	56.	3.
257	0000	-504	37.9020	81.4861	PPK	1.0	1.7	5.9	1.74	0.30	5.88	1271.	58.	2.
258	0000	-504	37.9017	81.4861	PPK	1.1	1.8	6.4	1.71	0.29	5.93	1361.	58.	2.
259	0000	-503	37.9014	81.4860	PPK	1.2	1.8	7.0	1.53	0.25	6.02	1438.	58.	1.
260	0000	-502	37.9009	81.4860	PPK	1.1	2.1	7.1	1.83	0.29	6.22	1477.	58.	1.
261	0000	-502	37.9006	81.4859	PPK	1.1	2.2 +	7.0	1.98 +	0.31	6.37 +	1474.	59.	1.
262	0000	-501	37.9003	81.4858	PPK	1.1 :	2.1	7.0	1.90	0.30	6.43 +	1439.	57.	1.
263	0000	-501	37.8999	81.4858	PPK	1.0	1.8	6.8	1.75	0.27	6.60 +	1373.	57.	2.
264	0000	-500	37.8995	81.4858	PPK	0.9	1.8	6.6	1.90	0.27	7.02 +	1310.	55.	2.
265	0000	-500	37.8992	81.4858	PPK	0.9	1.6	6.1	1.81	0.27	6.73 +	1238.	54.	2.
266	0000	-499	37.8987	81.4857	PPK	0.8 -	1.7	5.3	2.10 +	0.31	6.68 +	1154.	54.	2.
267	0000	-499	37.8984	81.4857	PPK	0.8 -	1.3	4.9	1.60	0.27	6.00	1073.	56.	3.
268	0000	-499	37.8981	81.4856	PPK	0.7 -	1.0 -	4.7	1.39	0.22	6.24 +	1015.	55.	3.
269	0000	-499	37.8977	81.4856	PPK	0.7 -	0.9 -	4.3 -	1.27	0.21	6.17	973.	55.	4.
270	0000	-498	37.8973	81.4855	PPK	0.7 -	0.9 -	4.0 -	1.32	0.22	5.95	934.	56.	5.
271	0000	-498	37.8970	81.4855	PPK	0.6 --	0.8 -	4.1 -	1.22	0.19	6.43 +	910.	55.	5.
272	0000	-497	37.8966	81.4854	PPK	0.6 --	0.9 -	4.2 -	1.43	0.21	6.93 +	904.	55.	6.
273	0000	-495	37.8962	81.4854	PPK	0.7 -	0.8 -	4.5 -	1.11	0.17 -	6.62 +	922.	55.	6.
274	0000	-495	37.8959	81.4854	PPK	0.7 -	0.8 -	4.5 -	1.17	0.17 -	6.72 +	950.	55.	6.
275	0000	-495	37.8956	81.4854	PPK	0.7 -	1.1 -	4.2 -	1.43	0.25	5.77	996.	57.	5.
276	0000	-494	37.8950	81.4854	PPK	0.8 -	1.1	4.3 -	1.36	0.26	5.23	1060.	59.	5.
277	0000	-492	37.8946	81.4854	PPK	0.9	1.2	5.0	1.35	0.24	5.58	1151.	59.	5.
278	0000	-493	37.8940	81.4855	PPK	1.0	1.0 -	5.5	1.01	0.19 -	5.46	1231.	59.	5.
279	0000	-492	37.8936	81.4855	PPK	1.1	1.3	5.3	1.21	0.25	4.87	1301.	59.	5.
280	0000	-492	37.8931	81.4856	PPK	1.1	1.5	5.1	1.29	0.28	4.55 -	1367.	60.	6.
281	0000	-492	37.8926	81.4857	PPK	1.2	1.8	5.0	1.55	0.36 +	4.33 -	1424.	57.	7.
282	0000	-493	37.8922	81.4857	PPK	1.2	1.8	5.7	1.53	0.31	4.98	1470.	54.	7.
283	0000	-493	37.8917	81.4857	PPK	1.2	1.7	6.2	1.46	0.27	5.41	1488.	54.	8.
284	0000	-490	37.8912	81.4858	PPK	1.2	1.7	6.2	1.43	0.27	5.30	1502.	54.	9.
285	0000	-490	37.8907	81.4858	PPK	1.1	2.0	5.9	1.75	0.33	5.25	1520.	56.	9.
286	1000	-490	37.8903	81.4859	PPK	1.2	1.9	6.4	1.59	0.30	5.35	1560.	55.	8.
287	1000	-489	37.8897	81.4859	PPK	1.3	2.1	7.3	1.61	0.29	5.62	1599.	55.	7.
288	1000	-487	37.8893	81.4859	PPK	1.4	1.9	8.0 +	1.37	0.23	5.83	1645.	58.	6.
289	1000	-486	37.8888	81.4860	PPK	1.4	1.9	7.9 +	1.34	0.24	5.65	1686.	59.	5.
290	1000	-485	37.8883	81.4860	PPK	1.4	2.1	7.8 +	1.51	0.28	5.47	1712.	57.	4.
291	1000	-484	37.8878	81.4860	PPK	1.4	2.5 +	7.5	1.80	0.33	5.43	1713.	57.	3.
292	1000	-483	37.8873	81.4861	PPK	1.4	2.4 +	7.6 +	1.76	0.32	5.50	1705.	55.	3.
293	0000	-481	37.8869	81.4862	PPK	1.2	2.4 +	7.0	1.90	0.34	5.57	1646.	52.	3.
294	0000	-480	37.8864	81.4862	PPK	1.1	2.3 +	6.4	2.09 +	0.36 +	5.83	1575.	50.	3.
295	0000	-479	37.8859	81.4863	PPK	1.0	2.2 +	6.0	2.15 +	0.37 +	5.81	1489.	51.	3.
296	0000	-477	37.8854	81.4863	PPK	1.0	2.1	5.6	2.08 +	0.37 +	5.59	1402.	50.	4.
297	0000	-475	37.8850	81.4863	PPK	0.9	1.8	5.4	2.01 +	0.34	5.91	1349.	50.	3.
298	0000	-473	37.8845	81.4864	PPK	0.9	1.5	5.2	1.70	0.30	5.69	1302.	50.	4.
299	0000	-472	37.8840	81.4865	PPK	0.9	1.7	4.9	1.93	0.35 +	5.46	1264.	51.	4.
300	0000	-472	37.8835	81.4865	PPK	0.9	1.6	5.1	1.77	0.31	5.73	1241.	53.	4.
301	0000	-470	37.8830	81.4865	PPK	0.9	1.3	5.0	1.40	0.27	5.28	1240.	55.	4.
302	0000	-468	37.8826	81.4866	PPK	1.0	1.3	5.1	1.35	0.26	5.14	1274.	52.	5.
303	0000	-467	37.8821	81.4867	PPK	1.0	1.5	5.4	1.55	0.29	5.42	1322.	49.	5.
304	0000	-466	37.8816	81.4867	PPK	1.1	1.5	5.8	1.39	0.26	5.42	1371.	50.	5.
305	0000	-464	37.8811	81.4867	PPK	1.1	1.8	5.8	1.67	0.31	5.44	1399.	48.	5.
306	0000	-463	37.8807	81.4868	PPK	1.1	1.7	5.8	1.61	0.29	5.46	1414.	48.	5.

CP 9 LP 12

FLIGHT LINE 840, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-460	37.8802	81.4868	PPK	1.0	1.8	6.1	1.72	0.29	5.88	1450.	47.	4.
308	0000	-458	37.8797	81.4868	PPK	1.0	1.8	6.6	1.74	0.27	6.38 +	1466.	45.	4.
309	0000	-457	37.8792	81.4870	PPNR	1.0	1.7	6.6	1.76	0.27	6.53	1455.	47.	4.
310	0000	-455	37.8787	81.4870	PPNR	1.0	1.7	6.4	1.77	0.27	6.51	1428.	50.	3.
311	0000	-453	37.8783	81.4870	PPNR	0.9	2.1	6.2	2.28	0.33	6.82	1405.	48.	3.
312	0000	-452	37.8777	81.4871	PPNR	0.9	1.7	6.5	1.81	0.26	7.09	1399.	48.	3.
313	0000	-450	37.8773	81.4871	PPNR	0.9	2.0	6.3	2.25	0.32	6.95	1430.	47.	4.
314	0000	-447	37.8768	81.4871	PPNR	0.9	2.4 +	6.2	2.63 +	0.38 +	6.89	1429.	47.	3.
315	0000	-444	37.8763	81.4872	PPNR	0.9	2.4 +	5.6	2.69 +	0.43 +	6.30	1413.	48.	4.
316	0000	-441	37.8759	81.4872	PPNR	0.9	2.5 +	5.3	2.85 +	0.46 +	6.15	1379.	47.	4.
317	0000	-440	37.8754	81.4873	PPNR	0.9	2.2	5.4	2.51	0.41 +	6.11	1358.	43.	4.
318	0000	-440	37.8749	81.4874	PPNR	0.9	2.0	5.1	2.29	0.39 +	5.91	1323.	44.	4.
319	0000	-437	37.8744	81.4874	PPNR	0.9	2.0	5.0	2.14	0.40 +	5.30 -	1306.	44.	4.
320	0000	-435	37.8740	81.4874	PPNR	1.0	1.7	5.4	1.61	0.31	5.22 -	1292.	46.	4.
321	0000	-433	37.8734	81.4875	PPK	1.1	1.4	5.5	1.24	0.25	4.96	1316.	45.	4.
322	0000	-430	37.8730	81.4875	PPK	1.1	1.5	5.8	1.34	0.26	5.19	1348.	43.	4.
323	0000	-428	37.8725	81.4876	PPK	1.1	1.6	6.0	1.42	0.26	5.39	1380.	43.	4.
324	0000	-426	37.8720	81.4876	PPK	1.1	1.6	6.1	1.44	0.27	5.40	1396.	45.	4.
325	0000	-425	37.8716	81.4877	PPK	1.1	1.7	6.0	1.51	0.27	5.50	1394.	45.	4.
326	0000	-424	37.8710	81.4877	PPNR	1.0	1.7	6.3	1.74	0.27	6.51	1390.	45.	4.
327	0000	-421	37.8706	81.4878	PPNR	0.9	1.7	6.6	1.94	0.26	7.52	1368.	43.	4.
328	0000	-418	37.8701	81.4878	PPNR	0.8	1.7	6.3	2.11	0.27	7.85	1334.	43.	3.
329	0000	-417	37.8696	81.4878	PPNR	0.7	1.6	6.4	2.18	0.25	8.72 +	1294.	45.	3.
330	0000	-413	37.8691	81.4879	PPNR	0.7	1.6	6.6	2.16	0.24	8.83 +	1295.	44.	2.
331	0000	-409	37.8687	81.4880	PPNR	0.7	1.9	6.4	2.73 +	0.29	9.38 +	1297.	44.	3.
332	0000	-406	37.8682	81.4880	PPNR	0.7	1.9	6.7	2.69 +	0.28	9.29 +	1344.	44.	3.
333	0000	-403	37.8677	81.4881	PPNR	0.8	2.1	6.6	2.52	0.31	8.11 +	1380.	47.	3.
334	0000	-402	37.8672	81.4881	PPNR	0.9	2.2	6.9	2.36	0.32	7.46	1441.	47.	4.
335	0000	-402	37.8667	81.4881	PPNR	0.9	2.3 +	7.7 +	2.46	0.30	8.08 +	1531.	48.	5.
336	0000	-401	37.8663	81.4882	PPNR	1.0	2.6 +	7.6 +	2.50	0.34	7.38	1590.	47.	6.
337	0000	-400	37.8658	81.4882	PPNR	1.1	2.5 +	7.5 +	2.32	0.33	6.99	1611.	47.	8.
338	0000	-399	37.8653	81.4882	PPNR	1.1	2.2	7.6 +	1.95	0.29	6.61	1633.	47.	9.
339	0000	-396	37.8648	81.4883	PPNR	1.2	2.1	8.0 +	1.70	0.26	6.60	1644.	49.	9.
340	0000	-394	37.8643	81.4884	PPNR	1.2	1.9	8.2 +	1.51	0.23	6.68	1652.	47.	10.
341	0000	-393	37.8639	81.4884	PPNR	1.2	1.7	7.8 +	1.42	0.22	6.43	1633.	48.	11.
342	0000	-391	37.8634	81.4884	PPNR	1.2	1.3	7.5 +	1.05 -	0.17 -	6.10	1584.	48.	12.
343	0000	-388	37.8629	81.4885	PPNR	1.3 +	1.0 -	7.4 +	0.79 --	0.13 --	5.88	1596.	48.	11.
344	0000	-387	37.8624	81.4885	PPNR	1.3 +	1.1 -	8.1 +	0.82 --	0.13 --	6.06	1676.	50.	10.
345	0000	-385	37.8620	81.4886	PPNR	1.4 +	1.2	8.5 +	0.83 --	0.14 --	6.04	1749.	47.	11.
346	0000	-385	37.8614	81.4887	PPNR	1.4 +	1.3	8.1 +	0.89 --	0.16 --	5.60	1789.	46.	10.
347	0000	-383	37.8610	81.4887	PPNR	1.4 +	1.3	8.1 +	0.92 --	0.16 -	5.61	1819.	47.	10.
348	0000	-383	37.8605	81.4887	PPNR	1.5 +	1.2	8.4 +	0.81 --	0.14 --	5.74	1858.	46.	10.
349	0000	-382	37.8600	81.4888	PPNR	1.5 +	1.3	8.4 +	0.87 --	0.16 --	5.55	1921.	44.	9.
350	0000	-380	37.8595	81.4889	PPNR	1.6 ++	1.7	8.9 ++	1.12 -	0.19 -	5.74	1964.	44.	9.
351	0000	-378	37.8591	81.4889	PPNR	1.5 +	1.8	9.0 ++	1.19 -	0.20 -	5.97	1954.	42.	8.
352	0000	-377	37.8586	81.4889	PPNR	1.5 +	2.0	8.8 ++	1.37	0.23	5.95	1963.	45.	8.
353	0000	-377	37.8581	81.4890	PPNR	1.5 +	2.1	9.1 ++	1.37	0.23	6.06	2000.	45.	8.
354	0000	-376	37.8577	81.4890	PPNR	1.5 +	2.3	9.0 ++	1.46	0.25	5.86	2058.	44.	8.
355	0000	-374	37.8571	81.4890	PPNR	1.6 ++	2.4 +	9.1 ++	1.52	0.26	5.80	2078.	43.	8.
356	0000	-374	37.8567	81.4891	PPK	1.6 +	2.4 +	9.0 ++	1.51	0.26	5.75	2047.	45.	8.
357	0000	-372	37.8562	81.4891	PPK	1.5 +	2.1	8.6 +	1.34	0.24	5.61	2014.	48.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-371	37.8557	81.4892	PPK	1.6 +	1.9	8.2 +	1.23	0.23	5.26	1977.	48.	12.
359	0000	-371	37.8552	81.4893	PPK	1.5 +	1.5	8.1 +	1.00 -	0.19 -	5.38	1901.	49.	13.
360	0000	-371	37.8547	81.4893	PPK	1.4 +	1.3	7.7 +	0.87 -	0.16 -	5.36	1804.	51.	14.
361	0000	-371	37.8543	81.4893	PPK	1.3	1.1 -	7.3	0.79 -	0.15 -	5.42	1681.	51.	15.
362	0000	-370	37.8538	81.4894	PPK	1.2	0.9 -	6.6	0.75 -	0.14 -	5.27	1575.	51.	16.
363	0000	-370	37.8533	81.4894	PPK	1.1	0.9 -	6.1	0.78 -	0.14 -	5.36	1490.	52.	16.
364	0000	-370	37.8528	81.4895	PPK	1.1	1.0 -	5.6	0.88 -	0.17 -	5.18	1407.	50.	16.
365	0000	-369	37.8524	81.4895	PPK	1.0	1.0 -	4.8	0.96 -	0.20	4.88	1323.	52.	15.
366	0000	-371	37.8519	81.4895	PPK	1.0	1.0 -	4.6 -	1.03	0.22	4.77	1268.	51.	13.
367	0000	-372	37.8514	81.4896	PPK	0.9	1.0 -	4.6 -	1.05	0.21	5.11	1216.	51.	11.
368	0000	-371	37.8509	81.4897	PPK	0.9	0.9 -	4.6 -	1.08	0.21	5.27	1187.	51.	9.
369	0000	-370	37.8504	81.4897	PPK	0.8	1.1	4.5 -	1.27	0.24	5.34	1166.	51.	7.
370	0000	-368	37.8500	81.4897	PPK	0.8 -	1.3	4.4 -	1.56	0.29	5.40	1139.	51.	4.
371	0000	-368	37.8495	81.4898	PPK	0.8 -	1.2	4.7	1.62	0.26	6.20	1120.	51.	4.
372	0000	-370	37.8490	81.4899	PPK	0.7 -	1.3	4.7	1.82	0.28	6.48 +	1104.	51.	2.
373	0000	-368	37.8485	81.4899	PPK	0.7 -	1.5	4.5 -	2.07 +	0.32	6.44 +	1087.	51.	2.
374	0000	-366	37.8480	81.4900	PPK	0.7 -	1.8	3.9 -	2.56 +	0.46 ++	5.59	1083.	53.	1.
375	0000	-366	37.8475	81.4900	PPK	0.7 -	1.9	4.0 -	2.67 +	0.47 ++	5.66	1095.	51.	1.
376	0000	-365	37.8471	81.4900	PPK	0.7 -	2.0	4.1 -	2.83 ++	0.49 ++	5.81	1109.	52.	1.
377	0000	-364	37.8466	81.4901	PPK	0.7 -	1.9	4.3 -	2.61 +	0.44 ++	5.87	1149.	54.	1.
378	0000	-364	37.8461	81.4901	PPK	0.8 -	1.9	4.7	2.47 +	0.41 +	5.97	1203.	54.	1.
379	0000	-363	37.8457	81.4901	PPK	0.9	2.2 +	5.2	2.51 +	0.42 +	5.97	1301.	52.	1.
380	0000	-360	37.8451	81.4902	PPK	0.9	2.4 +	5.5	2.64 +	0.44 ++	5.97	1402.	53.	1.
381	0000	-359	37.8447	81.4903	PPK	1.1	2.4 +	6.2	2.32 +	0.40 +	5.84	1516.	50.	1.
382	0000	-358	37.8442	81.4903	PPK	1.1	2.5 +	6.3	2.33 +	0.39 +	5.94	1565.	53.	1.
383	0000	-356	37.8437	81.4904	PPK	1.1	2.3 +	6.6	2.02 +	0.34	5.88	1603.	52.	1.
384	0000	-355	37.8432	81.4904	PPK	1.1	2.5 +	6.6	2.19 +	0.37 +	5.93	1619.	50.	1.
385	0000	-354	37.8428	81.4904	PPK	1.2	2.6 +	6.6	2.21 +	0.39 +	5.69	1626.	49.	0.
386	0000	-353	37.8423	81.4905	PPK	1.2	2.3 +	6.7	1.98 +	0.34	5.80	1614.	49.	1.
387	0000	-352	37.8418	81.4906	PPK	1.2	2.1	7.0	1.76	0.29	5.96	1617.	49.	1.
388	0000	-351	37.8413	81.4906	PPK	1.1	2.0	7.0	1.89	0.29	6.50 +	1586.	52.	1.
389	0000	-350	37.8408	81.4906	PPK	1.1	2.3 +	6.8	2.09 +	0.34	6.10	1609.	51.	2.
390	0000	-350	37.8404	81.4907	PPK	1.1	2.6 +	7.0	2.30 +	0.37 +	6.24 +	1622.	49.	2.
391	0000	-349	37.8399	81.4907	PPK	1.1	2.4 +	7.1	2.17 +	0.34	6.32 +	1625.	52.	2.
392	0000	-351	37.8394	81.4907	PPK	1.1	2.5 +	7.4	2.20 +	0.33	6.65 +	1637.	53.	2.
393	0000	-351	37.8389	81.4908	PPK	1.1	2.4 +	7.3	2.18 +	0.33	6.58 +	1614.	53.	2.
394	0000	-350	37.8384	81.4908	PPK	1.1	2.3 +	6.8	2.13 +	0.34	6.20	1567.	53.	1.
395	0000	-351	37.8380	81.4909	PPK	1.1	2.2 +	7.0	1.98 +	0.32	6.23 +	1549.	50.	2.
396	0000	-351	37.8375	81.4910	PPK	1.1	2.0	7.0	1.87	0.29	6.48 +	1523.	50.	2.
397	0000	-350	37.8370	81.4910	PPK	1.1	2.0	6.9	1.82	0.29	6.23 +	1527.	51.	2.
398	0000	-352	37.8365	81.4910	PPNR	1.1	2.0	6.8	1.78	0.30	5.97	1528.	48.	3.
399	0000	-351	37.8361	81.4911	PPNR	1.2	1.9	6.3	1.62	0.31	5.32 -	1503.	49.	3.
400	0000	-350	37.8355	81.4912	PPNR	1.2	1.9	6.4	1.63	0.30	5.41 -	1513.	47.	4.
401	0000	-352	37.8351	81.4912	PPNR	1.2	2.0	6.8	1.69	0.29	5.79	1560.	48.	4.
402	0000	-352	37.8346	81.4912	PPNR	1.2	2.0	6.6	1.69	0.31	5.52	1582.	47.	4.
403	0000	-350	37.8341	81.4913	PPNR	1.2 +	1.8	6.7	1.46	0.27	5.37 -	1552.	46.	3.
404	0000	-350	37.8337	81.4913	PPNR	1.2	1.7	6.6	1.38	0.25	5.50	1527.	45.	3.
405	0000	-352	37.8331	81.4914	PPNR	1.2	1.7	6.9	1.50	0.25	5.97	1523.	46.	3.
406	0000	-351	37.8327	81.4914	PPNR	1.1	1.9	7.1	1.73	0.26	6.57	1521.	47.	2.
407	0000	-350	37.8322	81.4914	PPNR	1.1	1.8	7.0	1.56	0.26	6.09	1513.	49.	1.
408	0000	-350	37.8317	81.4915	PPNR	1.2	2.0	7.1	1.67	0.27	6.06	1503.	46.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-352	37.8312	81.4915	PPNR	1.1	2.0	7.3	1.77	0.28	6.37	1508.	49.	0.
410	0000	-351	37.8308	81.4915	PPNR	1.1	2.2	7.7 +	1.92	0.29	6.72	1566.	50.	0.
411	0000	-349	37.8302	81.4917	PPNR	1.2	2.5 +	7.8 +	2.11	0.32	6.70	1614.	50.	0.
412	0000	-350	37.8298	81.4917	PPNR	1.2 +	2.3 +	8.0 +	1.85	0.29	6.44	1657.	45.	0.
413	0000	-352	37.8293	81.4917	PPNR	1.3 +	2.3 +	8.2 +	1.82	0.28	6.42	1708.	44.	0.
414	0000	-350	37.8288	81.4918	PPNR	1.2	2.5 +	8.3 +	2.13	0.30	7.02	1733.	41.	0.
415	0000	-350	37.8284	81.4918	PPNR	1.1	2.5 +	8.3 +	2.24	0.31	7.35	1736.	43.	0.
416	0000	-352	37.8279	81.4918	PPNR	1.2	2.5 +	8.3 +	2.15	0.30	7.16	1763.	41.	1.
417	0000	-352	37.8274	81.4919	PPNR	1.2	2.5 +	8.3 +	2.16	0.30	7.14	1794.	43.	2.
418	0000	-350	37.8269	81.4920	PPNR	1.2	2.5 +	8.5 +	2.05	0.29	7.05	1816.	44.	2.
419	0000	-351	37.8265	81.4920	PPNR	1.2	2.7 +	8.4 +	2.31	0.32	7.31	1816.	47.	3.
420	0000	-353	37.8261	81.4920	PPK	1.2	2.4 +	8.5 +	2.09 +	0.29	7.26 ++	1808.	47.	5.
421	0000	-354	37.8257	81.4920	PPK	1.2	2.3 +	8.4 +	1.86	0.27	6.77 +	1810.	46.	6.
422	0000	-354	37.8253	81.4920	PPK	1.3	1.9	8.7 +	1.49	0.22	6.68 +	1811.	45.	8.
423	0000	-352	37.8249	81.4920	PPK	1.3	1.9	9.0 +	1.47	0.21	7.03 +	1810.	45.	9.
424	0000	-353	37.8246	81.4920	PPK	1.4	1.7	8.7 +	1.23	0.19	6.33 +	1796.	45.	10.
425	0000	-354	37.8242	81.4920	PPK	1.3	1.6	8.6 +	1.16	0.18 -	6.38 +	1785.	46.	12.
426	0000	-354	37.8238	81.4920	PPK	1.4	1.4	8.4 +	0.98 -	0.16 -	6.06	1802.	47.	12.
427	0000	-354	37.8234	81.4920	PPK	1.5 +	1.5	8.1 +	1.06	0.19	5.57	1857.	48.	12.
428	0000	-355	37.8231	81.4919	PPK	1.5 +	1.4	8.8 +	0.94 -	0.16 -	5.83	1923.	53.	12.
429	0000	-355	37.8227	81.4919	PPK	1.6 +	1.4	8.9 +	0.89 -	0.16 -	5.66	1994.	55.	12.
430	0000	-356	37.8223	81.4919	PPK	1.7 +	1.4	8.7 +	0.83 -	0.16 -	5.25	2050.	54.	12.
431	0000	-356	37.8219	81.4919	PPK	1.6 +	1.8	9.0 ++	1.10	0.20	5.51	2122.	55.	12.
432	0000	-356	37.8216	81.4919	PPK	1.7 +	1.7	9.2 ++	1.02	0.18 -	5.47	2174.	54.	12.
433	0000	-356	37.8212	81.4919	PPK	1.7 +	1.7	9.3 ++	0.98 -	0.18 -	5.51	2165.	55.	12.
434	0000	-355	37.8208	81.4919	PPK	1.6 +	1.5	9.2 ++	0.94 -	0.16 -	5.68	2108.	54.	13.
435	0000	-356	37.8204	81.4919	PPK	1.5 +	1.7	8.9 +	1.10	0.19	5.78	2056.	50.	13.
436	0000	-356	37.8201	81.4919	PPK	1.4 +	1.8	8.3 +	1.23	0.21	5.80	1978.	49.	13.
437	0000	-357	37.8197	81.4919	PPK	1.3	1.9	8.1 +	1.39	0.23	6.04	1904.	51.	12.
438	0000	-358	37.8194	81.4919	PPK	1.3	1.5	8.1 +	1.19	0.19 -	6.36 +	1833.	50.	12.
439	0000	-358	37.8189	81.4919	PPK	1.2	1.5	7.9 +	1.27	0.20	6.49 +	1748.	49.	11.
440	0000	-359	37.8185	81.4919	PPK	1.2	1.7	7.4	1.45	0.23	6.16	1718.	51.	10.
441	0000	-360	37.8182	81.4919	PPK	1.2	1.7	7.7 +	1.45	0.23	6.39 +	1689.	51.	8.
442	0000	-362	37.8178	81.4919	PPK	1.2	1.9	7.1	1.62	0.26	6.14	1667.	51.	7.
443	0000	-363	37.8175	81.4919	PPK	1.2	2.2	7.0	1.82	0.31	5.90	1675.	50.	5.
444	0000	-363	37.8170	81.4918	PPK	1.2	2.2 +	7.1	1.81	0.31	5.83	1674.	52.	4.
445	0000	-363	37.8167	81.4918	PPK	1.3	2.3 +	6.9	1.78	0.34	5.29	1678.	52.	3.
446	0000	-365	37.8163	81.4918	PPK	1.4	2.4 +	7.0	1.78	0.34	5.18	1721.	55.	3.
447	0000	-367	37.8160	81.4918	PPK	1.5 +	2.3 +	7.5	1.56	0.31	5.09	1784.	52.	4.
448	0000	-367	37.8156	81.4918	PPK	1.6 +	2.3 +	7.7 +	1.43	0.30	4.83	1845.	52.	5.
449	0000	-367	37.8152	81.4918	PPK	1.7 +	2.1	8.4 +	1.20	0.25	4.91	1902.	53.	5.
450	0000	-367	37.8148	81.4918	PPK	1.8 +	1.8	9.1 ++	1.01	0.20	5.10	1944.	53.	6.
451	0000	-368	37.8145	81.4918	PPK	1.8 +	1.5	9.2 ++	0.80 -	0.16 -	5.09	1935.	53.	8.
452	0000	-368	37.8141	81.4918	PPK	1.7 +	1.3	9.0 +	0.76 -	0.15 -	5.22	1877.	52.	8.
453	0000	-368	37.8137	81.4918	PPK	1.6 +	1.4	8.2 +	0.83 -	0.17 -	5.02	1800.	49.	7.
454	0000	-369	37.8133	81.4918	PPK	1.5 +	1.3	7.9 +	0.89 -	0.17 -	5.36	1696.	51.	6.
455	0000	-368	37.8130	81.4918	PPK	1.3	1.3	7.4	0.99 -	0.18 -	5.59	1590.	52.	5.
456	0000	-369	37.8126	81.4918	PPK	1.3	1.4	6.8	1.10	0.21	5.37	1502.	53.	4.
457	0000	-369	37.8122	81.4918	PPK	1.2	1.4	6.3	1.16	0.22	5.33	1445.	54.	4.
458	0000	-370	37.8118	81.4918	PPK	1.2	1.8	6.1	1.55	0.29	5.27	1450.	52.	2.
459	0000	-370	37.8114	81.4918	PPK	1.3	1.8	6.3	1.43	0.29	4.89	1506.	54.	1.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-369	37.8111	81.4917		PPK	1.4	1.8	7.1	1.31	0.25	5.16	1579.	55.	1.
461	0000	-370	37.8107	81.4917		PPK	1.5 +	2.1	7.1	1.42	0.29	4.84	1670.	54.	1.
462	0000	-370	37.8103	81.4917		PPK	1.6 +	2.1	7.9 +	1.27	0.26	4.86	1780.	55.	0.
463	0000	-369	37.8099	81.4917		PPK	1.7 +	2.1	7.9 +	1.24	0.27	4.66 -	1850.	55.	1.
464	0000	-370	37.8096	81.4917		PPK	1.7 +	2.2 +	7.8 +	1.29	0.28	4.60 -	1857.	57.	2.
465	0000	-372	37.8092	81.4917		PPK	1.6 +	2.0	8.0 +	1.19	0.25	4.84	1843.	58.	3.
466	0000	-371	37.8089	81.4917		PPK	1.6 +	1.9	8.1 +	1.24	0.24	5.18	1809.	60.	3.
467	0000	-370	37.8084	81.4917		PPK	1.5 +	1.8	8.0 +	1.18	0.23	5.15	1806.	61.	4.
468	0000	-372	37.8081	81.4917		PPK	1.5 +	1.8	7.8 +	1.17	0.23	5.09	1803.	63.	5.
469	0000	-373	37.8077	81.4917		PPK	1.5 +	2.1	7.7 +	1.37	0.27	5.12	1804.	62.	5.
470	0000	-372	37.8074	81.4917		PPK	1.5 +	1.9	8.1 +	1.21	0.23	5.25	1822.	60.	6.
471	0000	-373	37.8070	81.4917		PPK	1.6 +	2.1	8.6 +	1.30	0.24	5.34	1897.	58.	6.
472	0000	-374	37.8066	81.4917		PPK	1.7 +	2.0	8.6 +	1.15	0.23	5.02	1965.	58.	6.
473	0000	-373	37.8062	81.4917		PPK	1.7 +	2.2 +	8.5 +	1.28	0.26	4.94	2000.	57.	7.
474	0000	-375	37.8058	81.4917		PPK	1.7 +	2.2 +	8.0 +	1.26	0.27	4.66 -	1979.	56.	7.
475	0000	-375	37.8055	81.4917		PPK	1.7 +	2.1	7.9 +	1.22	0.26	4.70	1925.	56.	7.
476	0000	-374	37.8051	81.4916		PPK	1.6 +	1.9	7.6 +	1.14	0.25	4.59 -	1858.	56.	7.
477	0000	-375	37.8047	81.4916		PPK	1.5 +	1.8	7.4	1.17	0.24	4.92	1795.	56.	8.
478	0000	-374	37.8043	81.4916		PPK	1.4 +	1.7	6.9	1.15	0.24	4.78	1718.	57.	8.
479	0000	-374	37.8040	81.4916		PPK	1.3	1.9	6.9	1.46	0.28	5.26	1645.	57.	8.
480	0000	-375	37.8036	81.4916		PPK	1.3	1.7	6.6	1.33	0.25	5.25	1599.	54.	8.
481	0000	-375	37.8032	81.4916		PPK	1.2	1.5	6.6	1.25	0.22	5.68	1541.	54.	9.
482	0000	-377	37.8028	81.4916		PPK	1.1	1.3	6.5	1.15	0.20	5.90	1503.	54.	10.
483	0000	-377	37.8025	81.4916		PPK	1.1	1.3	6.1	1.25	0.22	5.75	1449.	57.	10.
484	0000	-376	37.8021	81.4915		PPK	1.0	1.5	5.4	1.46	0.27	5.45	1377.	59.	9.
485	0000	-377	37.8017	81.4915		PPK	0.9	1.3	5.0	1.37	0.26	5.37	1291.	57.	9.
486	0000	-378	37.8013	81.4915		PPK	0.9	1.3	4.1 -	1.46	0.31	4.64 -	1206.	57.	8.
487	0000	-377	37.8010	81.4915		PPK	0.9	1.3	3.8 -	1.48	0.34	4.35 -	1137.	60.	8.
488	0000	-379	37.8006	81.4915		PPK	0.9	1.4	3.7 -	1.60	0.38 +	4.21 -	1115.	60.	6.
489	0000	-379	37.8002	81.4915		PPK	0.9	1.5	3.8 -	1.75	0.41 +	4.31 -	1104.	60.	5.
490	0000	-379	37.7999	81.4915		PPK	0.9	1.6	4.2 -	1.81	0.39 +	4.62 -	1124.	58.	4.
491	0000	-381	37.7995	81.4915		PPK	0.9	1.7	4.3 -	1.82	0.40 +	4.60 -	1136.	60.	3.
492	0000	-380	37.7991	81.4915		PPK	1.0	1.7	4.4 -	1.78	0.40 +	4.49 -	1152.	63.	2.
493	0000	-380	37.7987	81.4915		PPK	1.0	1.6	4.7	1.51	0.34	4.49 -	1171.	62.	1.
494	0000	-380	37.7984	81.4915		PPK	1.1	1.5	5.0	1.45	0.31	4.76	1190.	62.	1.
495	0000	-379	37.7980	81.4915		PPK	1.0	1.6	5.1	1.56	0.31	4.97	1187.	60.	0.
496	0000	-380	37.7976	81.4915		PPK	1.0	1.6	4.8	1.57	0.33	4.81	1171.	61.	1.
497	0000	-380	37.7972	81.4915		PPK	0.9	1.5	4.9	1.59	0.31	5.18	1154.	60.	1.
498	0000	-381	37.7969	81.4915		PPK	0.9	1.6	5.2	1.73	0.32	5.49	1177.	60.	1.
499	0000	-381	37.7965	81.4915		PPK	1.0	1.6	5.4	1.68	0.30	5.63	1197.	60.	1.
500	0000	-382	37.7961	81.4914		PPK	0.9	1.7	5.6	1.85	0.31	6.05	1219.	61.	1.
501	0000	-384	37.7957	81.4914		PPK	0.9	1.7	5.7	1.88	0.31	6.12	1245.	59.	1.
502	0000	-385	37.7953	81.4914		PPK	1.0	1.8	5.7	1.80	0.31	5.81	1275.	63.	2.
503	0000	-384	37.7950	81.4914		PPK	1.1	1.7	5.8	1.62	0.30	5.43	1319.	60.	2.
504	0000	-384	37.7946	81.4914		PPK	1.1	1.8	5.5	1.60	0.34	4.76	1333.	61.	2.
505	0000	-385	37.7942	81.4914		PPK	1.2	1.6	5.3	1.35	0.30	4.52 -	1313.	59.	2.
506	0000	-385	37.7939	81.4914		PPK	1.1	1.7	5.2	1.46	0.32	4.56 -	1300.	58.	3.
507	0000	-386	37.7935	81.4914		PPK	1.1	1.6	5.1	1.35	0.30	4.46 -	1300.	56.	5.
508	0000	-386	37.7931	81.4914		PPK	1.2	1.4	4.9	1.19	0.28	4.25 -	1282.	55.	6.
509	0000	-386	37.7927	81.4914		PPK	1.1	1.4	5.1	1.22	0.27	4.46 -	1271.	55.	7.
510	0000	-387	37.7924	81.4914		PPK	1.1	1.5	5.4	1.41	0.28	4.95	1272.	55.	7.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-388	37.7920	81.4914	PPK	1.1	1.4	5.5	1.27	0.25	5.13	1291.	53.	8.
512	0000	-388	37.7916	81.4914	PPK	1.1	1.6	5.6	1.42	0.28	5.03	1321.	53.	9.
513	0000	-388	37.7912	81.4914	PPK	1.2	1.5	5.8	1.26	0.26	4.91	1338.	52.	8.
514	0000	-389	37.7909	81.4914	PPK	1.2	1.4	5.8	1.24	0.25	5.01	1347.	52.	7.
515	0000	-389	37.7905	81.4914	PPK	1.2	1.7	6.1	1.43	0.28	5.15	1366.	53.	6.
516	0000	-390	37.7901	81.4914	PPK	1.2	1.6	5.7	1.37	0.28	4.81	1369.	52.	5.
517	0000	-392	37.7897	81.4913	PPK	1.2	1.3	5.2	1.16	0.26	4.44 -	1326.	53.	5.
518	0000	-390	37.7893	81.4912	PPK	1.1	1.3	4.9	1.17	0.27	4.37 -	1259.	57.	4.
519	0000	-390	37.7889	81.4912	PPK	1.0	1.2	4.8	1.15	0.25	4.61 -	1209.	57.	3.
520	0000	-391	37.7885	81.4912	PPK	1.0	1.2	4.5 -	1.22	0.26	4.67 -	1156.	60.	2.
521	0000	-391	37.7881	81.4912	PPK	0.9	1.2	4.1 -	1.29	0.29	4.52 -	1096.	64.	2.
522	0000	-390	37.7877	81.4911	PPK	0.8 -	0.9 -	3.9 -	1.10	0.24	4.63 -	1021.	67.	2.
523	0000	-389	37.7873	81.4911	PPK	0.7 -	1.0 -	3.8 -	1.29	0.25	5.15	958.	69.	2.
524	0000	-390	37.7869	81.4910	PPK	0.7 -	1.0 -	3.6 -	1.40	0.27	5.11	938.	68.	2.
525	0000	-391	37.7865	81.4910	PPK	0.7 -	0.9 -	3.7 -	1.41	0.26	5.50	926.	68.	2.
526	0000	-390	37.7861	81.4910	PPK	0.7 -	1.0 -	3.4 -	1.46	0.29	5.10	905.	68.	3.
527	0000	-390	37.7857	81.4910	PPK	0.6 --	1.0 -	3.5 -	1.58	0.29	5.52	885.	65.	3.
528	0000	-391	37.7853	81.4908	PPK	0.6 --	0.9 -	3.4 -	1.47	0.28	5.22	861.	65.	4.
529	0000	-392	37.7849	81.4908	PPK	0.6 --	1.0 -	3.1 --	1.65	0.33	4.92	844.	62.	5.
530	0000	-392	37.7844	81.4908	PPK	0.6 -	1.1	3.2 --	1.66	0.34	4.88	843.	61.	5.
531	0000	-392	37.7840	81.4907	PPK	0.6 --	1.1	3.1 --	1.86	0.36 +	5.10	817.	64.	6.
532	0000	-392	37.7836	81.4907	PPK	0.6 --	1.3	2.9 --	2.08 +	0.43 ++	4.77	823.	62.	6.
533	0000	-392	37.7832	81.4906	PPK	0.6 --	1.3	3.2 --	2.15 +	0.41 +	5.25	851.	63.	6.
534	0000	-392	37.7828	81.4906	PPK	0.6 --	1.4	3.0 --	2.20 +	0.46 ++	4.75	880.	65.	6.
535	0000	-391	37.7824	81.4906	PPK	0.6 --	1.6	3.2 --	2.43 +	0.50 ++	4.90	940.	65.	5.
536	0000	-392	37.7820	81.4906	PPK	0.7 -	1.7	3.4 -	2.39 +	0.49 ++	4.92	1005.	66.	5.
537	0000	-391	37.7816	81.4905	PPK	0.8 -	1.5	3.6 -	1.92	0.43 ++	4.44 -	1077.	67.	5.
538	0000	-391	37.7812	81.4905	PPK	0.9	1.6	4.1 -	1.90	0.41 +	4.66 -	1159.	64.	4.
539	0000	-391	37.7808	81.4904	PPK	0.9	1.6	4. -	1.73	0.37 +	4.66 -	1252.	62.	4.
540	0000	-391	37.7804	81.4904	PPK	1.0	1.8	4.5 -	1.84	0.40 +	4.57 -	1344.	62.	4.
541	0000	-390	37.7800	81.4903	PPK	1.1	1.9	5.2	1.67	0.36 +	4.65 -	1455.	61.	4.
542	0000	-388	37.7796	81.4902	PPK	1.2	2.0	5.4	1.67	0.37 +	4.58 -	1523.	62.	4.
543	0000	-388	37.7792	81.4902	PPK	1.2	2.3 +	5.6	1.81	0.40 +	4.49 -	1603.	62.	4.
544	0000	-389	37.7787	81.4902	PPK	1.2	2.4 +	6.0	1.95 +	0.40 +	4.82	1651.	61.	4.
545	0000	-390	37.7783	81.4902	PPK	1.3	2.2 +	6.4	1.64	0.34	4.82	1723.	62.	5.
546	0000	-388	37.7779	81.4901	PPK	1.4	2.5 +	6.6	1.73	0.37 +	4.66 -	1794.	63.	5.
547	0000	-387	37.7775	81.4901	PPK	1.6 +	2.0	7.1	1.27	0.28	4.59 -	1851.	63.	6.
548	1000	-388	37.7771	81.4900	PPK	1.6 +	1.9	7.6 +	1.19	0.25	4.76	1935.	62.	7.
549	1000	-387	37.7767	81.4900	PPK	1.7 +	1.6	9.0 +	0.93 -	0.18 -	5.22	2047.	61.	8.
550	1000	-387	37.7763	81.4899	PPK	1.7 +	1.6	9.3 ++	0.91 -	0.17 -	5.38	2117.	62.	8.
551	1000	-387	37.7759	81.4899	PPK	1.8 +	1.6	9.6 ++	0.85 -	0.16 -	5.21	2208.	62.	9.
552	1000	-386	37.7755	81.4899	PPK	1.9 ++	1.6	10.2 ++	0.81 -	0.16 -	5.24	2271.	60.	9.
553	1000	-386	37.7751	81.4899	PPK	2.0 ++	1.7	10.2 ++	0.87 -	0.17 -	5.19	2339.	61.	9.
554	1000	-386	37.7747	81.4898	PPK	2.0 ++	1.9	10.9 +++	0.96 -	0.18 -	5.40	2406.	59.	10.
555	1000	-384	37.7743	81.4897	PPK	2.1 ++	2.2 +	10.8 +++	1.09	0.21	5.22	2411.	62.	9.
556	1000	-385	37.7739	81.4897	PPK	2.1 ++	2.6 +	10.4 ++	1.25	0.25	4.93	2420.	61.	8.
557	1000	-385	37.7735	81.4897	PPK	2.2 ++	2.6 +	10.5 +++	1.18	0.25	4.82	2412.	59.	8.
558	1000	-386	37.7730	81.4897	PPK	2.1 ++	2.7 +	10.2 ++	1.32	0.27	4.92	2375.	58.	7.
559	0000	-386	37.7726	81.4895	PPK	2.0 ++	3.1 +	9.9 ++	1.56	0.31	5.01	2325.	58.	6.
560	0000	-386	37.7722	81.4895	PPK	1.9 ++	2.7 +	9.8 ++	1.40	0.27	5.20	2214.	54.	6.
561	0000	-386	37.7719	81.4895	PPK	1.7 +	2.5 +	8.5 +	1.44	0.30	4.89	2063.	56.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-385	37.7714	81.4895		PPK	1.6 +	2.3 +	7.9 +	1.40	0.29	4.81	1949.	50.	6.
563	0000	-385	37.7710	81.4894		PPK	1.5 +	2.1	7.1	1.43	0.29	4.85	1813.	51.	6.
564	0000	-384	37.7706	81.4894		PPK	1.3	2.0	7.1	1.48	0.27	5.40	1726.	49.	7.
565	0000	-386	37.7702	81.4893		PPNR	1.3 +	1.7	6.8	1.25 -	0.25	5.09 -	1637.	50.	9.
566	0000	-386	37.7698	81.4893		PPNR	1.2	1.4	6.5	1.17 -	0.22	5.23 -	1562.	51.	9.
567	0000	-386	37.7694	81.4893		PPNR	1.2	1.3	6.3	1.11 -	0.21	5.20 -	1526.	53.	10.
568	0000	-386	37.7690	81.4891		PPNR	1.2	1.4	6.6	1.23 -	0.22	5.58	1554.	52.	10.
569	0000	-386	37.7686	81.4891		PPNR	1.2	1.2	7.3	1.02 -	0.17 -	6.01	1608.	52.	10.
570	0000	-386	37.7682	81.4891		PPNR	1.4 +	1.4	7.3	1.07 -	0.20 -	5.40 -	1677.	54.	10.
571	0000	-386	37.7678	81.4891		PPNR	1.4 +	1.3	7.0	0.92 --	0.19 -	4.93 -	1703.	57.	10.
572	0000	-388	37.7673	81.4890		PPNR	1.4 +	1.3	7.3	0.93 --	0.18 -	5.11 -	1740.	58.	10.
573	0000	-389	37.7670	81.4890		PPNR	1.5 +	1.3	7.5 +	0.85 --	0.17 -	4.99 -	1771.	56.	10.
574	0000	-390	37.7666	81.4889		PPNR	1.5 +	1.4	7.8 +	0.94 --	0.18 -	5.19 -	1779.	57.	9.
575	0000	-392	37.7662	81.4889		PPNR	1.5 +	1.5	7.4 +	0.99 -	0.20 -	4.91 -	1751.	57.	9.
576	0000	-391	37.7657	81.4889		PPK	1.4	1.8	6.9	1.28	0.26	4.84	1705.	58.	8.
577	0000	-391	37.7654	81.4889		PPK	1.4	1.6	7.1	1.19	0.23	5.15	1695.	55.	8.
578	0000	-394	37.7650	81.4888		PPK	1.4	1.6	7.5	1.14	0.22	5.31	1720.	53.	8.
579	0000	-396	37.7645	81.4888		PPK	1.5 +	1.8	7.8 +	1.22	0.23	5.26	1769.	52.	8.
580	0000	-397	37.7641	81.4887		PPK	1.5 +	2.1	7.6 +	1.36	0.27	4.98	1829.	52.	8.
581	0000	-396	37.7637	81.4887		PPK	1.6 +	2.2 +	7.8 +	1.37	0.28	4.89	1911.	52.	8.
582	0000	-397	37.7634	81.4886		PPK	1.6 +	2.4 +	8.0 +	1.46	0.30	4.88	1989.	55.	8.
583	0000	-397	37.7629	81.4885		PPK	1.7 +	2.3 +	7.8 +	1.38	0.30	4.66 -	1989.	54.	8.
584	0000	-396	37.7625	81.4885		PPK	1.7 +	2.3 +	7.8 +	1.37	0.29	4.70	1951.	55.	8.
585	0000	-399	37.7621	81.4885		PPK	1.6 +	2.3 +	7.1	1.44	0.33	4.41 -	1913.	56.	7.
586	0000	-401	37.7617	81.4885		PPK	1.5 +	2.3 +	6.9	1.47	0.33	4.48 -	1854.	56.	7.
587	0000	-402	37.7613	81.4884		PPK	1.5 +	2.0	6.8	1.35	0.30	4.59 -	1793.	56.	6.
588	0000	-402	37.7609	81.4884		PPK	1.4 +	1.7	7.1	1.19	0.24	4.90	1714.	56.	5.
589	0000	-403	37.7605	81.4883		PPK	1.3	1.4	7.3	1.02	0.19	5.38	1637.	54.	4.
590	0000	-402	37.7601	81.4883		PPK	1.3	1.4	7.1	1.10	0.20	5.53	1601.	57.	3.
591	0000	-402	37.7597	81.4882		PPK	1.2	1.4	6.9	1.11	0.20	5.60	1575.	60.	3.
592	0000	-404	37.7593	81.4882		PPK	1.2	1.4	7.3	1.13	0.18 -	6.14	1540.	60.	2.
593	0000	-404	37.7589	81.4882		PPK	1.2	1.2	7.0	1.07	0.18 -	6.06	1509.	61.	2.
594	0000	-404	37.7585	81.4881		PPK	1.1	1.1	6.9	1.04	0.17 -	6.29 +	1463.	65.	2.
595	0000	-404	37.7581	81.4881		PPK	1.1	1.3	6.2	1.18	0.20	5.83	1450.	66.	1.
596	0000	-404	37.7577	81.4880		PPK	1.1	1.4	6.2	1.25	0.22	5.69	1440.	67.	1.
597	0000	-403	37.7573	81.4880		PPK	1.1	1.3	6.3	1.22	0.21	5.70	1458.	67.	1.
598	0000	-404	37.7569	81.4880		PPK	1.1	1.4	6.2	1.27	0.23	5.61	1458.	63.	1.
599	0000	-405	37.7564	81.4880		PPK	1.1	1.6	5.7	1.52	0.29	5.30	1462.	63.	1.
600	0000	-405	37.7560	81.4878		PPK	1.1	1.7	5.9	1.53	0.29	5.37	1475.	61.	1.
601	0000	-406	37.7556	81.4878		PPK	1.1	1.8	6.2	1.67	0.30	5.61	1503.	57.	1.
602	0000	-407	37.7552	81.4878		PPK	1.2	1.9	6.6	1.65	0.29	5.61	1545.	54.	1.
603	0000	-408	37.7548	81.4878		PPK	1.3	1.8	6.8	1.46	0.27	5.45	1578.	53.	1.
604	0000	-409	37.7544	81.4877		PPK	1.3	1.9	7.0	1.44	0.27	5.32	1609.	57.	1.
605	0000	-409	37.7540	81.4876		PPK	1.4	1.9	7.3	1.37	0.27	5.12	1680.	58.	1.
606	0000	-410	37.7536	81.4876		PPK	1.5 +	1.8	7.8 +	1.20	0.23	5.13	1764.	58.	2.
607	0000	-412	37.7532	81.4876		PPK	1.6 +	2.2 +	7.7 +	1.38	0.29	4.76	1852.	60.	1.
608	0000	-413	37.7528	81.4876		PPK	1.7 +	2.3 +	8.2 +	1.32	0.28	4.68 -	1948.	59.	2.
609	0000	-413	37.7524	81.4875		PPK	1.8 +	2.4 +	8.0 +	1.34	0.30	4.43 -	1996.	63.	3.
610	0000	-412	37.7520	81.4875		PPK	1.8 +	2.5 +	8.0 +	1.43	0.31	4.54 -	2009.	62.	5.
611	0000	-412	37.7516	81.4874		PPK	1.8 +	2.2 +	8.2 +	1.25	0.27	4.67 -	1978.	58.	6.
612	0000	-413	37.7512	81.4874		PPK	1.7 +	2.1	8.1 +	1.19	0.25	4.71	1939.	57.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	MAG TAGS	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-414	37.7507	81.4874		PPK	1.6 +	2.0	7.7 +	1.26	0.27	4.74	1867.	55.	7.
614	0000	-414	37.7503	81.4874		PPK	1.5 +	1.6	7.7 +	1.04	0.20	5.10	1737.	55.	7.
615	0000	-415	37.7499	81.4872		PPK	1.4	1.4	6.9	1.06	0.21	5.04	1605.	56.	7.
616	0000	-416	37.7495	81.4872		PPK	1.2	1.4	6.6	1.17	0.21	5.51	1499.	53.	6.
617	0000	-416	37.7491	81.4872		PPK	1.1	1.4	6.0	1.26	0.23	5.38	1422.	53.	5.
618	0000	-417	37.7487	81.4871		PPNR	1.0	1.7	5.8	1.60	0.29	5.60	1380.	54.	4.
619	0000	-416	37.7483	81.4871		PPNR	1.0	1.6	5.9	1.66	0.27	6.17	1334.	54.	2.
620	0000	-417	37.7479	81.4870		PPNR	1.0	1.6	6.1	1.65	0.27	6.13	1334.	54.	2.
621	0000	-418	37.7475	81.4870		PPNR	1.0	2.0	6.5	2.04	0.31	6.63	1406.	54.	1.
622	0000	-420	37.7471	81.4870		PPNR	1.1	2.1	6.9	2.00	0.31	6.55	1504.	53.	1.
623	0000	-422	37.7467	81.4870		PPNR	1.1	2.2	7.3	2.07	0.31	6.79	1554.	54.	1.
624	0000	-423	37.7463	81.4868		PPNR	1.1	2.3 +	7.4 +	2.19	0.31	7.04	1589.	52.	2.
625	0000	-425	37.7459	81.4868		PPNR	1.1	2.2	7.5 +	2.03	0.30	6.79	1621.	51.	3.
626	0000	-425	37.7455	81.4868		PPNR	1.1	2.3 +	7.5 +	2.12	0.31	6.80	1633.	50.	4.
627	0000	-427	37.7450	81.4868		PPNR	1.0	2.2	7.4	2.14	0.30	7.15	1607.	53.	6.
628	0000	-429	37.7446	81.4867		PPNR	1.0	1.7	7.0	1.66	0.25 -	6.70	1559.	52.	7.
629	0000	-428	37.7442	81.4867		PPNR	0.9	1.7	6.4	1.75	0.26	6.75	1445.	53.	8.
630	0000	-429	37.7438	81.4866		PPNR	0.9	1.2	5.9	1.31 -	0.21 --	6.31	1358.	54.	10.
631	0000	-432	37.7434	81.4866		PPNR	0.9	0.9 -	5.4	0.96 -	0.17 -	5.80	1291.	56.	11.
632	0000	-433	37.7430	81.4865		PPNR	0.9	0.7 -	5.2	0.77 --	0.13 ---	6.05	1219.	57.	11.
633	0000	-434	37.7426	81.4865		PPNR	0.8	0.5 --	4.7	0.65 ---	0.11 ---	5.77	1145.	61.	11.
634	0010	-435	37.7422	81.4865		PPNR	0.8	0.3 N.A.	4.6	0.42 N.A.	0.07 N.A.	5.69	1100.	59.	12.
635	0000	-437	37.7418	81.4864		PPNR	0.8	0.5 --	4.4 -	0.70 --	0.12 ---	5.88	1072.	62.	11.
636	0010	-437	37.7414	81.4864		PPNR	0.8	0.4 N.A.	4.9	0.45 N.A.	0.07 N.A.	6.02	1109.	60.	11.
637	0000	-438	37.7410	81.4863		PPK	0.8	0.5 ---	5.1	0.61 --	0.10 --	6.10	1167.	60.	10.
638	0000	-441	37.7406	81.4863		PPK	0.9	0.5 --	6.0	0.59 --	0.09 --	6.49 +	1257.	60.	10.
639	0000	-440	37.7402	81.4863		PPK	1.0	0.9 -	5.9	0.88 -	0.15 -	5.74	1348.	62.	10.
640	0000	-440	37.7398	81.4863		PPK	1.1	1.0 -	6.5	0.91 -	0.15 -	6.03	1417.	57.	9.
641	0000	-442	37.7393	81.4861		PPK	1.1	1.0 -	6.6	0.95 -	0.16 -	5.99	1454.	57.	7.
642	0000	-444	37.7390	81.4861		PPK	1.1	1.1	6.4	0.97 -	0.17 -	5.61	1473.	58.	8.
643	0000	-445	37.7385	81.4861		PPK	1.2	1.3	6.2	1.11	0.21	5.37	1468.	59.	7.
644	0000	-446	37.7382	81.4860		PPK	1.1	1.5	6.3	1.29	0.23	5.51	1490.	57.	5.
645	0000	-447	37.7377	81.4860		PPK	1.1	1.6	5.9	1.45	0.28	5.28	1497.	56.	5.
646	0000	-450	37.7374	81.4859		PPK	1.1	1.6	5.9	1.56	0.28	5.64	1490.	52.	4.
647	0000	-451	37.7369	81.4859		PPK	1.1	1.9	5.8	1.84	0.34	5.49	1519.	55.	4.
648	0000	-451	37.7365	81.4859		PPK	1.1	2.3 +	6.0	2.03 +	0.38 +	5.41	1572.	54.	4.
649	0000	-455	37.7362	81.4859		PPK	1.1	2.3 +	6.4	2.02 +	0.36 +	5.69	1612.	49.	3.
650	0000	-456	37.7357	81.4858		PPK	1.1	2.3 +	6.2	2.08 +	0.38 +	5.54	1631.	47.	4.
651	0000	-457	37.7354	81.4858		PPK	1.1	2.3 +	6.1	2.08 +	0.37 +	5.56	1616.	46.	3.
652	0000	-459	37.7349	81.4857		PPK	1.1	2.4 +	5.9	2.17 +	0.41 +	5.25	1587.	49.	3.
653	0000	-459	37.7345	81.4857		PPK	1.1	2.4 +	6.1	2.10 +	0.40 +	5.31	1574.	51.	3.
654	0000	-461	37.7341	81.4857		PPK	1.2	2.3 +	5.8	1.90	0.39 +	4.89	1545.	49.	2.
655	0000	-463	37.7337	81.4857		PPK	1.1	2.1	5.5	1.84	0.38 +	4.85	1510.	49.	2.
656	0000	-464	37.7333	81.4855		PPK	1.1	2.1	5.5	1.94 +	0.39 +	4.99	1482.	53.	2.
657	0000	-465	37.7329	81.4855		PPK	1.1	1.9	5.7	1.79	0.34	5.25	1452.	55.	1.
658	0000	-467	37.7325	81.4855		PPK	1.1	1.9	5.6	1.74	0.33	5.28	1414.	57.	1.
659	0000	-468	37.7321	81.4854		PPK	1.0	1.6	5.6	1.56	0.29	5.41	1384.	57.	2.
660	0000	-470	37.7317	81.4854		PPK	1.0	1.6	5.5	1.50	0.28	5.30	1365.	57.	2.
661	0000	-471	37.7313	81.4853		PPK	1.0	1.3	5.9	1.29	0.22	5.80	1364.	58.	2.
662	0000	-471	37.7309	81.4853		PPK	1.0	1.4	5.9	1.33	0.23	5.71	1369.	58.	2.
663	0000	-471	37.7305	81.4853		PPK	1.1	1.4	6.0	1.27	0.23	5.52	1386.	59.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-471	37.7301	81.4853		PPK	1.1	1.7	6.2	1.51	0.27	5.51	1442.	58.	3.
665	0000	-472	37.7297	81.4852		PPK	1.2	1.8	6.5	1.50	0.28	5.45	1502.	57.	3.
666	0000	-473	37.7293	81.4852		PPK	1.2	2.0	6.8	1.65	0.29	5.71	1536.	56.	3.
667	0000	-473	37.7289	81.4851		PPK	1.2	1.9	7.3	1.63	0.26	6.22 +	1552.	57.	3.
668	0000	-476	37.7284	81.4851		PPK	1.1	2.3 +	6.9	2.01 +	0.33	6.19	1543.	57.	3.
669	0000	-477	37.7280	81.4850		PPK	1.1	2.0	7.1	1.83	0.29	6.41 +	1537.	58.	5.
670	0000	-476	37.7275	81.4849		PPK	1.1	1.8	7.0	1.64	0.26	6.35 +	1535.	56.	6.
671	0000	-478	37.7271	81.4849		PPK	1.1	1.8	7.0	1.63	0.25	6.45 +	1541.	55.	5.
672	0000	-480	37.7267	81.4849		PPK	1.1	1.7	6.9	1.59	0.25	6.40 +	1548.	54.	5.
673	0000	-481	37.7262	81.4849		PPK	1.1	1.7	6.7	1.53	0.25	6.11	1548.	51.	4.
674	0000	-482	37.7258	81.4848		PPK	1.1	1.8	6.3	1.56	0.28	5.61	1546.	50.	4.
675	0000	-484	37.7253	81.4848		PPK	1.2	1.9	6.8	1.57	0.27	5.73	1586.	49.	3.
676	0000	-485	37.7249	81.4847		PPK	1.2	2.1	6.8	1.71	0.30	5.62	1606.	49.	2.
677	0000	-488	37.7244	81.4847		PPK	1.2	2.2 +	6.7	1.76	0.33	5.37	1604.	48.	1.
678	0000	-489	37.7240	81.4846		PPK	1.2	2.2	6.5	1.76	0.33	5.32	1562.	50.	2.
679	0000	-490	37.7236	81.4846		PPK	1.2	2.1	6.1	1.78	0.35	5.15	1499.	50.	2.
680	0000	-492	37.7231	81.4846		PPK	1.1	2.1	5.9	1.88	0.36 +	5.16	1468.	52.	3.
681	0000	-493	37.7227	81.4846		PPNR	1.1	2.0	6.1	1.75	0.33	5.33 -	1473.	52.	5.
682	0000	-494	37.7222	81.4844		PPNR	1.1	1.7	5.8	1.53	0.30	5.14 -	1437.	55.	6.
683	0000	-495	37.7218	81.4844		PPNR	1.1	1.6	5.8	1.53	0.28	5.48	1411.	53.	7.
684	0000	-497	37.7214	81.4844		PPNR	1.0	1.5	5.8	1.57	0.26	5.92	1376.	52.	8.
685	0000	-497	37.7209	81.4844		PPNR	1.0	1.3	5.7	1.38	0.23	5.92	1344.	52.	8.
686	0000	-498	37.7204	81.4843		PPNR	1.0	1.3	5.8	1.35	0.23	5.96	1352.	52.	9.
687	0000	-501	37.7200	81.4843		PPNR	1.0	1.2	6.1	1.20 -	0.20 -	6.05	1382.	52.	9.
688	0000	-502	37.7196	81.4842		PPNR	1.0	1.3	6.0	1.35	0.22	6.17	1383.	50.	8.
689	0000	-502	37.7191	81.4842		PPNR	1.0	1.3	6.4	1.37	0.21 -	6.66	1384.	49.	7.
690	0000	-503	37.7187	81.4842		PPNR	1.0	1.3	6.3	1.28 -	0.21 -	6.12	1408.	51.	7.
691	0000	-506	37.7182	81.4842		PPNR	1.0	1.4	6.3	1.40	0.23	6.12	1422.	50.	7.
692	0000	-507	37.7178	81.4841		PPNR	1.0	1.7	6.1	1.72	0.28	6.22	1445.	50.	6.
693	0000	-509	37.7173	81.4841		PPNR	1.0	1.8	6.5	1.87	0.28	6.67	1455.	51.	5.
694	0000	-510	37.7169	81.4840		PPNR	0.9	1.8	6.2	1.95	0.29	6.75	1428.	54.	5.
695	0000	-512	37.7165	81.4840		PPNR	0.9	1.8	6.0	1.90	0.30	6.42	1395.	56.	5.
696	0000	-513	37.7160	81.4840		PPNR	1.0	1.9	5.4	1.95	0.34	5.71	1400.	54.	6.
697	0000	-515	37.7155	81.4839		PPNR	1.0	1.8	5.4	1.87	0.33	5.67	1390.	55.	6.
698	0000	-517	37.7151	81.4839		PPNR	1.0	1.8	5.2	1.76	0.35	5.05 -	1433.	58.	7.
699	0000	-517	37.7147	81.4839		PPNR	1.1	1.4	5.6	1.22 -	0.25	4.89 -	1474.	58.	8.
700	0000	-518	37.7142	81.4838		PPNR	1.2	1.2	6.2	1.01 -	0.19 -	5.22 -	1495.	56.	8.
701	0000	-520	37.7138	81.4838		PPNR	1.2	0.9 -	6.6	0.77 --	0.14 --	5.42	1512.	53.	9.
702	0000	-523	37.7133	81.4837		PPNR	1.3 +	0.9 -	6.8	0.70 --	0.13 --	5.40 -	1558.	52.	10.
703	0000	-524	37.7129	81.4836		PPNR	1.3 +	0.8 -	7.0	0.67 ---	0.12 --	5.54	1555.	53.	9.
704	0000	-526	37.7124	81.4836		PPNR	1.2	0.9 -	6.7	0.72 --	0.13 --	5.50	1515.	53.	9.
705	0000	-526	37.7121	81.4835		PPNR	1.1	0.7 -	6.9	0.63 ---	0.10 ---	6.21	1431.	49.	8.
706	0000	-530	37.7116	81.4835		PPNR	1.0	0.8 -	6.7	0.79 --	0.12 ---	6.89	1343.	49.	7.
707	0000	-532	37.7111	81.4835		PPNR	0.9	0.9 -	6.0	0.98 -	0.15 --	6.48	1268.	50.	6.
708	0000	-532	37.7107	81.4835		PPNR	0.9	1.1 -	5.3	1.24 -	0.20 -	6.19	1193.	51.	5.
709	0000	-533	37.7103	81.4834		PPNR	0.8	1.0 -	5.0	1.31 -	0.21 -	6.37	1122.	52.	5.
710	0000	-534	37.7098	81.4834		PPNR	0.7	1.1 -	4.5 -	1.56	0.25	6.34	1073.	53.	4.
711	0000	-535	37.7094	81.4833		PPNR	0.7	1.1 -	4.7	1.64	0.23	7.03	1036.	54.	4.
712	0000	-538	37.7089	81.4833		PPNR	0.7	1.1 -	4.5 -	1.61	0.24	6.59	1037.	56.	4.
713	0000	-540	37.7085	81.4832		PPNR	0.7	1.1 -	4.1 -	1.62	0.27	6.03	1039.	55.	5.
714	0000	-541	37.7080	81.4832		PPNR	0.7	1.1 -	4.0 -	1.53	0.27	5.58	1042.	57.	5.

CP 9 LP 12

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-542	37.7076	81.4831	PPNR	0.7	1.2	4.3 -	1.71	0.29	5.95	1065.	55.	5.
716	0000	-542	37.7072	81.4831	PPNR	0.7	1.3	4.3 -	1.68	0.29	5.77	1073.	57.	5.
717	0000	-545	37.7067	81.4831	PPNR	0.8	1.3	4.4 -	1.67	0.29	5.69	1088.	57.	5.
718	0000	-546	37.7063	81.4831	PPNR	0.8	1.6	4.4 -	1.91	0.35	5.44	1135.	57.	4.
719	0000	-546	37.7058	81.4830	PPNR	0.8	1.6	4.6	1.93	0.35	5.51	1153.	57.	3.
720	0000	-548	37.7054	81.4830	PPNR	0.9	1.6	4.7	1.92	0.35	5.46	1169.	57.	2.
721	0000	-549	37.7049	81.4829	PPNR	0.9	1.7	4.7	1.92	0.35	5.48	1180.	59.	2.
722	0000	-550	37.7045	81.4829	PPNR	0.9	1.7	4.6	1.90	0.36	5.27 -	1188.	59.	1.
723	0000	-552	37.7041	81.4829	PPNR	0.8	1.9	4.7	2.21	0.40 +	5.50	1192.	58.	1.
724	0000	-553	37.7036	81.4829	PPNR	0.8	1.7	4.8	2.01	0.35	5.74	1186.	58.	0.
725	0000	-554	37.7032	81.4827	PPNR	0.8	1.5	4.6	1.80	0.32	5.59	1174.	58.	0.
726	0000	-556	37.7027	81.4827	PPNR	0.8	1.6	4.9	1.92	0.32	5.98	1187.	58.	0.
727	0000	-558	37.7023	81.4827	PPNR	0.8	1.7	4.9	2.05	0.35	5.87	1216.	58.	0.
728	0000	-561	37.7018	81.4827	PPNR	0.9	1.9	5.1	2.19	0.38 +	5.81	1258.	58.	0.
729	0000	-562	37.7014	81.4826	PPNR	0.9	2.3	5.3	2.45	0.42 +	5.82	1323.	58.	0.
730	0000	-563	37.7009	81.4826	PPNR	1.0	2.2	5.5	2.30	0.40 +	5.73	1369.	58.	1.
731	0000	-565	37.7005	81.4825	PPNR	1.0	2.3 +	5.8	2.26	0.41 +	5.56	1423.	56.	2.
732	0000	-566	37.7000	81.4825	PPNR	1.1	2.4 +	6.0	2.21	0.40 +	5.58	1473.	57.	3.
733	0000	-567	37.6996	81.4825	PPNR	1.1	2.5 +	5.8	2.23	0.42 +	5.31 -	1487.	57.	4.
734	0000	-570	37.6992	81.4825	PPNR	1.1	2.4 +	6.0	2.16	0.40 +	5.45	1498.	58.	5.
735	0000	-571	37.6987	81.4823	PPNR	1.1	1.9	6.3	1.71	0.31	5.57	1502.	53.	6.
736	0000	-571	37.6982	81.4822	PPNR	1.1	1.7	6.4	1.56	0.26	6.00	1468.	54.	6.
737	0000	-574	37.6977	81.4822	PPNR	1.0	1.6	6.6	1.58	0.25	6.37	1450.	54.	6.
738	0000	-578	37.6972	81.4820	PPNR	1.0	1.6	6.6	1.54	0.24	6.51	1419.	55.	6.
739	0000	-578	37.6967	81.4819	PPNR	1.0	1.7	6.3	1.78	0.28	6.47	1391.	55.	5.
740	0000	-579	37.6963	81.4819	PPNR	0.9	1.8	6.4	1.89	0.28	6.81	1389.	54.	6.
741	0000	-580	37.6957	81.4817	PPNR	0.9	1.8	6.6	2.01	0.28	7.29	1387.	51.	5.
742	0000	-581	37.6953	81.4817	PPNR	0.8	2.0	6.4	2.37	0.31	7.65	1367.	55.	5.
743	0000	-582	37.6948	81.4816	PPNR	0.9	1.8	6.0	2.10	0.30	6.93	1351.	54.	6.
744	0000	-583	37.6943	81.4815	PPNR	0.9	1.8	5.6	2.09	0.32	6.56	1338.	54.	7.
745	0000	-585	37.6938	81.4813	PPNR	0.8	1.8	5.7	2.15	0.32	6.67	1346.	54.	7.
746	0000	-588	37.6934	81.4813	PPNR	0.8	1.7	6.1	2.05	0.28	7.43	1348.	53.	6.
747	0000	-591	37.6929	81.4812	PPNR	0.8	1.6	5.9	1.93	0.27	7.26	1339.	51.	6.
748	0000	-593	37.6924	81.4810	PPNR	0.8	1.5	5.8	1.81	0.25	7.19	1308.	52.	6.
749	0000	-592	37.6919	81.4810	PPNR	0.8	1.6	5.3	1.99	0.30	6.66	1273.	50.	5.
750	0000	-593	37.6914	81.4809	PPNR	0.8	1.7	5.5	2.23	0.31	7.24	1248.	50.	4.
751	0000	-596	37.6909	81.4807	PPNR	0.7	1.7	5.7	2.30	0.30	7.55	1238.	50.	3.
752	0000	-597	37.6904	81.4807	PPNR	0.7	1.9	5.7	2.64 +	0.33	7.97 +	1244.	48.	2.
753	0000	-595	37.6900	81.4806	PPNR	0.8	1.8	5.7	2.33	0.31	7.56	1254.	48.	2.
754	0000	-597	37.6894	81.4805	PPNR	0.8	1.7	6.2	2.02	0.27	7.43	1289.	50.	1.
755	0000	-599	37.6890	81.4803	PPNR	0.9	1.9	6.2	2.15	0.30	7.19	1322.	50.	0.
756	0000	-600	37.6885	81.4803	PPNR	0.9	1.8	6.6	2.07	0.28	7.52	1343.	50.	1.
757	0000	-603	37.6880	81.4802	PPNR	0.9	1.9	6.5	2.15	0.29	7.43	1365.	49.	1.
758	0000	-606	37.6875	81.4801	PPNR	0.9	1.8	6.3	1.99	0.29	6.87	1379.	50.	2.
759	0000	-606	37.6870	81.4800	PPNR	0.9	1.5	6.0	1.72	0.26	6.71	1374.	51.	4.
760	0000	-607	37.6866	81.4799	PPNR	0.9	1.5	5.9	1.66	0.26	6.50	1376.	50.	5.
761	0000	-608	37.6861	81.4797	PPNR	0.8	1.5	5.6	1.72	0.26	6.65	1332.	49.	7.
762	0000	-609	37.6856	81.4797	PPNR	0.8	1.3	5.4	1.63	0.25	6.57	1296.	50.	9.
763	0000	-611	37.6851	81.4796	PPNR	0.8	1.2	5.3	1.57	0.23	6.86	1296.	50.	10.
764	0000	-613	37.6846	81.4795	PPNR	0.8	0.9 -	5.6	1.07 -	0.16 --	6.82	1295.	50.	12.
765	0000	-615	37.6841	81.4794	PPNR	0.8	0.7 -	5.8	0.91 --	0.12 --	7.51	1278.	49.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-616	37.6837	81.4793		PPNR	0.8	0.6 --	6.3	0.79 --	0.10 ---	8.09 +	1251.	50.	13.
767	0000	-618	37.6831	81.4793		PPNR	0.7	0.9 -	5.9	1.28 -	0.15 --	8.28 +	1223.	49.	13.
768	0000	-620	37.6827	81.4791		PPNR	0.8	0.8 -	6.0	1.06 -	0.14 --	7.79	1233.	51.	12.
769	0000	-620	37.6822	81.4790		PPNR	0.8	0.9 -	6.1	1.10 -	0.15 --	7.61	1267.	50.	11.
770	0000	-622	37.6817	81.4789		PPNR	0.9	1.0 -	6.7	1.13 -	0.15 --	7.42	1334.	49.	10.
771	0000	-624	37.6812	81.4788		PPNR	0.9	1.3	7.1	1.40	0.18 -	7.64	1407.	51.	8.
772	0000	-625	37.6807	81.4787		PPNR	1.0	1.6	7.0	1.59	0.23	7.03	1468.	51.	7.
773	0000	-626	37.6803	81.4787		PPNR	1.1	1.8	7.1	1.63	0.25	6.52	1536.	51.	6.
774	0000	-628	37.6797	81.4786		PPNR	1.2	1.5	7.4 +	1.21 -	0.20 -	6.04	1625.	51.	5.
775	0000	-631	37.6793	81.4784		PPNR	1.3 +	1.9	7.6 +	1.50	0.25	6.03	1726.	52.	3.
776	0000	-633	37.6788	81.4784		PPNR	1.3 +	2.0	8.2 +	1.56	0.24	6.47	1789.	52.	3.
777	0000	-632	37.6783	81.4783		PPNR	1.3 +	1.9	7.9 +	1.42	0.23	6.07	1788.	52.	3.
778	0000	-634	37.6778	81.4781		PPNR	1.3 +	2.0	7.7 +	1.55	0.26	5.87	1774.	50.	2.
779	0000	-635	37.6774	81.4780		PPNR	1.3 +	1.9	8.2 +	1.50	0.24	6.38	1775.	48.	3.
780	0000	-636	37.6768	81.4780		PPNR	1.3 +	1.9	8.0 +	1.50	0.24	6.34	1749.	48.	3.
781	0000	-638	37.6764	81.4778		PPNR	1.2	1.9	7.7 +	1.64	0.25	6.56	1694.	50.	4.
782	0000	-641	37.6759	81.4778		PPNR	1.1	1.6	7.3	1.46	0.22	6.57	1609.	48.	6.
783	0000	-641	37.6754	81.4777		PPNR	1.1	1.5	6.4	1.32 -	0.23	5.85	1536.	48.	7.
784	0000	-641	37.6749	81.4776		PPNR	1.0	1.4	5.8	1.38	0.24	5.64	1474.	49.	8.
785	0000	-642	37.6744	81.4775		PPNR	1.0	1.1 -	5.6	1.03 -	0.19 -	5.49	1410.	53.	9.
786	0000	-644	37.6740	81.4774		PPNR	1.0	0.8 -	5.1	0.84 --	0.17 -	5.08 -	1367.	54.	9.
787	0000	-644	37.6734	81.4773		PPNR	1.0	0.7 -	5.1	0.74 --	0.14 --	5.30 -	1338.	53.	9.
788	0000	-644	37.6730	81.4772		PPNR	0.9	0.8 -	5.3	0.87 --	0.16 --	5.60	1328.	53.	7.
789	0000	-643	37.6725	81.4771		PPNR	1.0	0.8 -	5.6	0.88 --	0.15 --	5.77	1318.	55.	6.
790	0000	-645	37.6720	81.4770		PPNR	1.0	0.9 -	6.0	0.84 --	0.14 --	5.87	1343.	53.	5.
791	0000	-647	37.6715	81.4769		PPNR	1.0	1.0 -	6.8	0.92 --	0.14 --	6.60	1388.	53.	4.
792	0000	-649	37.6710	81.4768		PPNR	1.0	1.3	6.9	1.29 -	0.19 -	6.72	1429.	53.	3.
793	0000	-649	37.6706	81.4767		PPNR	1.0	1.4	7.0	1.36	0.20 -	6.64	1452.	53.	4.
794	0000	-650	37.6700	81.4766		PPNR	1.1	1.5	6.9	1.40	0.21	6.57	1454.	53.	4.
795	0000	-651	37.6696	81.4765		PPNR	1.1	1.5	6.7	1.37	0.22	6.25	1421.	53.	5.
796	0000	-652	37.6691	81.4764		PPNR	1.0	1.5	6.2	1.44	0.24	5.91	1398.	52.	5.
797	0000	-650	37.6686	81.4763		PPNR	1.0	1.7	6.0	1.71	0.28	6.08	1369.	53.	5.
798	0000	-651	37.6681	81.4762		PPNR	0.9	1.9	5.3	2.01	0.35	5.70	1340.	55.	6.
799	0000	-652	37.6677	81.4761		PPNR	1.0	1.6	5.3	1.69	0.30	5.57	1340.	54.	6.
800	0000	-653	37.6671	81.4760		PPNR	1.0	1.6	5.5	1.64	0.29	5.73	1347.	56.	5.
801	0000	-653	37.6667	81.4759		PPK	1.0	1.7	5.7	1.79	0.30	5.92	1394.	56.	4.
802	0000	-654	37.6662	81.4758		PPK	1.0	1.7	6.1	1.66	0.28	5.88	1460.	58.	4.
803	0000	-656	37.6657	81.4758		PPK	1.0	2.0	6.2	1.92	0.32	6.01	1493.	58.	3.
804	0000	-656	37.6652	81.4757		PPK	1.0	1.8	5.8	1.73	0.31	5.61	1485.	59.	3.
805	0000	-656	37.6647	81.4756		PPNR	1.1	1.6	5.8	1.51	0.28	5.45	1483.	56.	3.
806	0000	-658	37.6643	81.4754		PPNR	1.1	1.7	5.5	1.61	0.30	5.28 -	1442.	56.	2.
807	0000	-659	37.6637	81.4754		PPNR	1.0	1.7	5.3	1.70	0.33	5.23 -	1411.	53.	2.
808	0000	-661	37.6633	81.4752		PPNR	1.0	1.6	5.1	1.56	0.31	5.02 -	1385.	53.	3.
809	0000	-662	37.6628	81.4752		PPNR	1.0	1.8	4.9	1.84	0.37	5.02 -	1367.	52.	3.
810	0000	-663	37.6623	81.4751		PPNR	1.0	1.6	5.3	1.60	0.30	5.34 -	1385.	50.	3.
811	0000	-664	37.6618	81.4749		PPNR	1.0	1.6	5.6	1.62	0.29	5.57	1420.	51.	3.
812	0000	-665	37.6613	81.4748		PPNR	1.1	1.6	6.1	1.50	0.26	5.76	1455.	53.	3.
813	0000	-664	37.6608	81.4748		PPNR	1.1	1.5	6.1	1.42	0.25	5.71	1472.	54.	4.
814	0000	-665	37.6604	81.4747		PPNR	1.1	1.6	6.5	1.44	0.25	5.85	1484.	58.	3.
815	0000	-668	37.6599	81.4745		PPNR	1.1	1.6	6.3	1.44	0.25	5.73	1458.	61.	3.
816	0000	-668	37.6594	81.4745		PPNR	1.1	1.5	6.3	1.42	0.24	5.81	1419.	59.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-669	37.6589	81.4744	PPNR	1.1	1.6	6.2	1.48	0.26	5.75	1400.	58.	2.
818	0000	-670	37.6584	81.4743	PPNR	1.1	1.6	6.3	1.51	0.26	5.78	1385.	58.	1.
819	0000	-670	37.6580	81.4742	PPNR	1.1	1.6	6.0	1.55	0.27	5.65	1356.	57.	1.
820	0000	-669	37.6574	81.4741	PPNR	1.1	1.6	6.1	1.52	0.26	5.83	1363.	54.	1.
821	0000	-671	37.6570	81.4740	PPNR	1.0	1.6	5.7	1.60	0.29	5.50	1354.	53.	1.
822	0000	-671	37.6565	81.4739	PPNR	1.0	1.6	5.9	1.55	0.28	5.61	1365.	49.	2.
823	0000	-671	37.6560	81.4738	PPNR	1.1	1.5	5.9	1.36	0.25	5.50	1379.	50.	2.
824	0000	-672	37.6555	81.4737	PPNR	1.0	1.4	5.8	1.37	0.25	5.50	1358.	53.	3.
825	0000	-673	37.6550	81.4736	PPNR	1.0	1.3	5.7	1.26 -	0.23	5.49	1330.	53.	3.
826	0000	-674	37.6545	81.4735	PPNR	1.0	1.4	5.8	1.49	0.24	6.11	1311.	53.	3.
827	0000	-676	37.6541	81.4735	PPNR	0.9	1.5	5.7	1.62	0.26	6.16	1309.	54.	3.
828	0000	-676	37.6536	81.4733	PPNR	0.9	1.4	5.9	1.54	0.24	6.31	1326.	51.	2.
829	0000	-677	37.6531	81.4732	PPNR	0.9	1.6	5.9	1.75	0.27	6.43	1342.	52.	2.
830	0000	-678	37.6526	81.4731	PPNR	0.9	1.8	5.8	1.95	0.30	6.45	1375.	52.	1.
831	0000	-679	37.6521	81.4730	PPNR	1.0	1.7	6.0	1.67	0.28	5.88	1462.	53.	1.
832	0000	-681	37.6517	81.4729	PPNR	1.0	2.1	6.4	2.06	0.33	6.29	1525.	52.	1.
833	0000	-683	37.6511	81.4729	PPNR	1.1	2.1	6.5	1.93	0.32	6.04	1528.	54.	1.
834	0000	-682	37.6507	81.4728	PPNR	1.1	2.1	6.4	1.97	0.33	6.00	1523.	55.	0.
835	0000	-684	37.6502	81.4727	PPNR	1.0	1.9	6.1	1.82	0.31	5.85	1481.	57.	2.
836	0000	-685	37.6497	81.4725	PPNR	1.0	1.8	5.9	1.74	0.30	5.79	1441.	55.	2.
837	0000	-684	37.6492	81.4725	PPNR	1.0	1.7	5.8	1.79	0.30	5.97	1372.	54.	2.
838	0000	-684	37.6487	81.4723	PPNR	0.9	1.6	5.8	1.90	0.28	6.73	1265.	53.	2.
839	0000	-685	37.6483	81.4723	PPNR	0.8	1.4	5.8	1.67	0.24	6.86	1223.	53.	2.
840	0000	-684	37.6477	81.4722	PPNR	0.9	1.5	5.9	1.74	0.25	6.85	1255.	52.	3.
841	0000	-684	37.6473	81.4720	PPNR	0.9	1.7	5.8	1.91	0.30	6.44	1291.	51.	3.
842	0000	-685	37.6468	81.4719	PPNR	0.9	2.1	6.2	2.19	0.33	6.62	1340.	49.	2.
843	0000	-687	37.6463	81.4719	PPNR	0.9	2.3 +	6.1	2.47	0.37	6.63	1356.	52.	1.
844	0000	-688	37.6458	81.4718	PPNR	0.9	2.2	6.2	2.42	0.36	6.81	1369.	52.	1.
845	0000	-688	37.6453	81.4717	PPNR	0.9	2.2	6.0	2.34	0.36	6.49	1383.	51.	2.
846	0000	-689	37.6448	81.4716	PPNR	0.9	2.2	5.6	2.34	0.39 +	6.03	1379.	51.	3.
847	0000	-691	37.6443	81.4715	PPNR	0.9	2.2	5.4	2.38	0.40 +	5.98	1363.	53.	4.
848	0000	-690	37.6439	81.4713	PPNR	0.9	1.9	5.6	2.11	0.35	6.04	1363.	54.	5.
849	0000	-691	37.6434	81.4713	PPNR	0.9	1.8	5.2	1.89	0.34	5.57	1379.	56.	7.
850	0000	-694	37.6429	81.4712	PPNR	1.0	1.8	5.6	1.83	0.32	5.69	1436.	58.	9.
851	0000	-696	37.6424	81.4711	PPNR	1.0	1.6	6.1	1.58	0.27	5.93	1490.	58.	10.
852	0000	-694	37.6419	81.4710	PPNR	1.0	1.6	6.0	1.58	0.27	5.90	1501.	61.	9.
853	0000	-696	37.6414	81.4709	PPNR	1.0	1.3	6.0	1.26 -	0.22	5.78	1483.	61.	10.
854	0000	-697	37.6410	81.4709	PPNR	1.0	1.3	5.7	1.26 -	0.22	5.64	1475.	60.	9.
855	0000	-698	37.6405	81.4707	PPNR	1.0	1.4	5.7	1.39	0.25	5.63	1474.	61.	8.
856	0000	-698	37.6400	81.4706	PPNR	1.0	1.5	5.9	1.52	0.26	5.94	1498.	59.	8.
857	0000	-699	37.6395	81.4705	PPNR	1.1	1.4	6.1	1.27 -	0.22	5.68	1522.	55.	7.
858	0000	-700	37.6390	81.4704	PPNR	1.1	1.6	6.4	1.50	0.25	5.99	1528.	54.	6.
859	0000	-702	37.6385	81.4703	PPNR	1.1	1.9	6.5	1.73	0.29	5.88	1547.	53.	6.
860	0000	-701	37.6380	81.4702	PPNR	1.1	2.0	6.6	1.80	0.31	5.88	1577.	54.	6.
861	0000	-700	37.6376	81.4702	PPNR	1.2	1.9	6.9	1.65	0.28	5.89	1594.	52.	6.
862	0000	-700	37.6371	81.4702	PPNR	1.2	1.8	7.6 +	1.50	0.23	6.49	1599.	51.	6.
863	0000	-698	37.6366	81.4704	PPNR	1.2	1.7	7.9 +	1.50	0.22	6.82	1594.	50.	5.
864	0000	-696	37.6361	81.4705	PPNR	1.1	1.7	7.6 +	1.51	0.22	6.96	1562.	51.	6.
865	0000	-699	37.6356	81.4706	PPNR	1.1	1.7	7.2	1.49	0.23	6.45	1555.	51.	6.
866	0000	-702	37.6351	81.4707	PPNR	1.1	1.5	7.2	1.41	0.21	6.56	1538.	49.	6.
867	0000	-704	37.6347	81.4709	PPNR	1.0	1.7	7.2	1.70	0.24	7.07	1512.	48.	5.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-703	37.6342	81.4710	PPNR	1.0	1.8	7.4 +	1.71	0.24	7.24	1505.	50.	4.
869	0000	-702	37.6337	81.4711	PPNR	1.0	1.8	6.8	1.83	0.27	6.70	1483.	52.	3.
870	0000	-701	37.6332	81.4712	PPNR	1.0	1.7	6.5	1.68	0.26	6.48	1426.	56.	3.
871	0000	-702	37.6327	81.4713	PPNR	1.0	1.7	6.5	1.66	0.26	6.44	1393.	56.	2.
872	0000	-704	37.6322	81.4714	PPNR	1.0	1.7	6.2	1.70	0.27	6.26	1372.	57.	1.
873	0000	-704	37.6317	81.4715	PPNR	1.0	1.9	6.4	1.90	0.29	6.47	1385.	60.	0.
874	0000	-704	37.6313	81.4717	PPNR	1.1	1.7	6.4	1.65	0.27	6.10	1419.	59.	0.
875	0000	-705	37.6308	81.4718	PPNR	1.0	1.7	6.5	1.74	0.27	6.57	1406.	58.	0.
876	0000	-706	37.6303	81.4719	PPNR	1.0	1.8	6.2	1.80	0.28	6.36	1390.	56.	1.
877	0000	-706	37.6298	81.4720	PPNR	1.0	1.9	5.9	1.89	0.32	5.93	1402.	53.	3.
878	0000	-707	37.6293	81.4722	PPNR	0.9	2.0	5.7	2.18	0.35	6.18	1407.	53.	4.
879	0000	-707	37.6289	81.4723	PPNR	0.9	1.9	5.6	2.05	0.33	6.13	1384.	53.	5.
880	0000	-707	37.6283	81.4724	PPNR	0.9	1.6	5.6	1.87	0.29	6.37	1360.	51.	7.
881	0000	-707	37.6279	81.4725	PPNR	0.8	1.7	5.3	2.08	0.32	6.53	1332.	51.	8.
882	0000	-709	37.6274	81.4727	PPNR	0.8	1.7	4.8	2.03	0.35	5.72	1304.	51.	9.
883	0000	-710	37.6269	81.4727	PPNR	0.8	1.6	4.9	2.03	0.33	6.09	1285.	50.	8.
884	0000	-711	37.6264	81.4729	PPNR	0.8	1.5	5.1	1.99	0.30	6.63	1283.	50.	7.
885	0000	-710	37.6259	81.4730	PPNR	0.8	1.4	5.2	1.77	0.27	6.52	1271.	50.	7.
886	0000	-708	37.6255	81.4731	PPNR	0.7	1.7	5.2	2.31	0.33	7.06	1284.	51.	6.
887	0000	-709	37.6249	81.4732	PPNR	0.8	1.7	5.2	2.11	0.32	6.69	1301.	52.	5.
888	0000	-710	37.6245	81.4734	PPNR	0.9	1.5	5.6	1.79	0.27	6.57	1306.	54.	5.
889	0000	-709	37.6240	81.4734	PPNR	0.9	1.7	6.1	1.95	0.27	7.11	1341.	55.	4.
890	0000	-709	37.6235	81.4736	PPNR	0.8	1.7	6.4	2.03	0.27	7.58	1367.	56.	5.
891	0000	-710	37.6230	81.4737	PPNR	0.8	1.8	6.2	2.30	0.30	7.78	1365.	57.	6.
892	0000	-710	37.6225	81.4738	PPNR	0.8	1.8	5.8	2.25	0.31	7.22	1348.	59.	7.
893	0000	-710	37.6221	81.4739	PPNR	0.8	1.6	5.8	1.95	0.28	7.07	1325.	58.	8.
894	0000	-710	37.6216	81.4741	PPNR	0.8	1.7	5.7	2.02	0.29	6.92	1314.	56.	8.
895	0000	-711	37.6211	81.4742	PPNR	0.8	1.6	5.4	2.07	0.30	6.83	1305.	55.	8.
896	0000	-712	37.6206	81.4743	PPNR	0.8	1.5	4.8	1.76	0.30	5.86	1287.	53.	9.
897	0000	-710	37.6201	81.4744	PPNR	0.9	1.3	4.9	1.53	0.27	5.70	1277.	53.	8.
898	0000	-709	37.6197	81.4745	PPNR	0.9	1.1 -	5.1	1.24 -	0.22	5.62	1260.	52.	7.
899	0000	-712	37.6192	81.4746	PPNR	0.9	1.2	5.2	1.31 -	0.22	5.83	1276.	49.	6.
900	0000	-712	37.6187	81.4748	PPNR	0.9	1.2	5.0	1.32 -	0.23	5.64	1287.	49.	5.
901	0000	-710	37.6182	81.4749	PPNR	0.9	1.1 -	5.1	1.23 -	0.22	5.58	1292.	51.	5.
902	0000	-710	37.6177	81.4749	PPNR	0.9	1.5	5.2	1.66	0.29	5.74	1325.	50.	4.
903	0000	-712	37.6173	81.4751	PPNR	0.9	1.7	5.4	1.88	0.31	6.11	1343.	53.	3.
904	0000	-712	37.6167	81.4753	PPNR	0.9	1.7	5.5	1.86	0.30	6.17	1354.	53.	3.
905	0000	-712	37.6163	81.4753	PPNR	0.9	1.7	5.6	2.00	0.31	6.40	1359.	53.	3.
906	0000	-711	37.6158	81.4754	PPNR	0.9	1.7	5.5	1.85	0.31	6.07	1350.	52.	4.
907	0000	-711	37.6153	81.4756	PPNR	0.9	1.7	6.0	1.81	0.28	6.42	1368.	53.	4.
908	0000	-712	37.6148	81.4757	PPNR	0.9	1.9	6.2	2.07	0.31	6.72	1400.	51.	3.
909	0000	-711	37.6143	81.4758	PPNR	0.9	1.8	6.4	1.98	0.29	6.90	1404.	53.	3.
910	0000	-709	37.6139	81.4759	PPNR	0.9	2.0	6.4	2.14	0.31	6.91	1422.	50.	3.
911	0000	-712	37.6134	81.4760	PPNR	0.9	2.2	6.3	2.45	0.34	7.13	1406.	52.	3.
912	0000	-713	37.6129	81.4761	PPNR	0.9	2.2	6.3	2.58 +	0.36	7.24	1408.	55.	2.
913	0000	-712	37.6124	81.4763	PPNR	0.8	2.3 +	6.7	2.74 +	0.34	8.01 +	1421.	56.	2.
914	0000	-712	37.6119	81.4763	PPNR	0.8	2.3 +	6.1	2.73 +	0.38 +	7.28	1408.	56.	3.
915	0000	-712	37.6114	81.4765	PPNR	0.9	2.2	6.2	2.48	0.35	7.06	1382.	58.	4.
916	0000	-711	37.6109	81.4766	PPNR	0.9	2.0	6.2	2.31	0.32	7.17	1354.	56.	4.
917	0000	-711	37.6105	81.4767	PPNR	0.8	2.0	6.3	2.42	0.32	7.62	1340.	57.	5.
918	0000	-711	37.6099	81.4769	PPNR	0.9	2.0	6.4	2.20	0.31	7.05	1378.	56.	5.

FLIGHT LINE 840, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-712	37.6095	81.4770	PPNR	1.0	2.0	6.3	2.06	0.31	6.58	1421.	54.	6.
920	0000	-711	37.6090	81.4771	PPNR	1.0	2.0	6.4	2.06	0.31	6.64	1433.	54.	6.
921	0000	-712	37.6085	81.4772	PPNR	1.0	2.0	6.9	2.03	0.29	7.06	1460.	54.	6.
922	0000	-714	37.6080	81.4774	PPNR	0.9	1.9	6.9	2.11	0.28	7.42	1465.	52.	5.
923	0000	-711	37.6075	81.4775	PPNR	0.9	1.9	6.7	1.99	0.28	7.02	1470.	53.	5.
924	0000	-709	37.6071	81.4776	PPNR	1.0	1.7	6.7	1.74	0.26	6.68	1484.	53.	4.
925	0000	-712	37.6066	81.4777	PPNR	1.0	1.6	6.8	1.59	0.23	7.01	1479.	54.	4.
926	0000	-713	37.6061	81.4778	PPNR	1.0	1.6	6.9	1.64	0.23	7.18	1459.	55.	3.
927	0000	-710	37.6056	81.4779	PPNR	1.0	1.5	6.9	1.56	0.22	7.00	1457.	55.	3.
928	0000	-710	37.6051	81.4780	PPNR	0.9	1.6	6.7	1.68	0.24	7.13	1435.	56.	2.
929	0000	-709	37.6046	81.4782	PPNR	0.9	1.7	6.4	1.82	0.26	6.98	1426.	58.	3.
930	0000	-709	37.6042	81.4783	PPNR	0.9	1.8	6.6	2.06	0.28	7.43	1431.	58.	3.
931	0000	-710	37.6037	81.4784	PPNR	0.9	1.6	6.7	1.83	0.24	7.63	1416.	57.	4.
932	0000	-709	37.6032	81.4785	PPNR	0.9	1.7	6.4	1.97	0.27	7.35	1421.	57.	5.
933	0000	-709	37.6027	81.4787	PPNR	0.9	1.6	6.0	1.91	0.27	7.08	1400.	54.	5.
934	0000	-710	37.6022	81.4788	PPNR	0.8	1.6	5.7	1.94	0.28	6.85	1349.	55.	4.
935	0000	-710	37.6017	81.4789	PPNR	0.8	1.5	5.4	1.82	0.28	6.41	1329.	54.	4.
936	0000	-709	37.6012	81.4790	PPNR	0.8	1.4	5.6	1.66	0.24	6.76	1290.	52.	4.
937	0000	-709	37.6008	81.4792	PPNR	0.8	1.2	5.1	1.48	0.24	6.17	1227.	51.	3.
938	0000	-710	37.6003	81.4793	PPNR	0.8	1.4	4.9	1.82	0.28	6.41	1179.	50.	2.
939	0000	-709	37.5998	81.4793	PPNR	0.7	1.5	4.7	2.11	0.31	6.71	1117.	49.	1.
940	0000	-708	37.5993	81.4795	PPNR	0.6	1.6	4.8	2.40	0.32	7.40	1090.	49.	1.
941	0000	-708	37.5988	81.4796	PPNR	0.6	1.7	4.9	2.61 +	0.34	7.72	1121.	50.	2.
942	0000	-709	37.5984	81.4797	PPNR	0.6 -	1.6	5.2	2.50	0.30	8.34 +	1141.	49.	3.
943	0000	-710	37.5978	81.4798	PPNR	0.7	1.7	5.4	2.52	0.32	7.81	1205.	48.	4.
944	0000	-710	37.5974	81.4800	PPNR	0.7	1.6	6.0	2.38	0.27	8.81 +	1264.	49.	6.
945	0000	-710	37.5969	81.4800	PPNR	0.7	1.6	6.0	2.12	0.26	8.19 +	1344.	49.	8.
946	0000	-711	37.5964	81.4802	PPNR	0.8	1.4	6.4	1.76	0.22	8.04 +	1382.	48.	10.
947	0000	-712	37.5959	81.4803	PPNR	0.8	1.2	6.6	1.43	0.18 -	7.91	1432.	48.	11.
948	0000	-712	37.5954	81.4805	PPNR	0.9	1.2	6.8	1.35	0.18 -	7.68	1459.	47.	12.
949	0000	-713	37.5950	81.4805	PPNR	0.9	1.3	6.7	1.50	0.20 -	7.51	1448.	49.	11.
950	0000	-712	37.5944	81.4807	PPNR	0.8	1.5	6.2	1.82	0.25	7.33	1416.	49.	10.
951	0000	-713	37.5940	81.4809	PPNR	0.9	1.7	5.6	2.01	0.31	6.50	1383.	47.	8.
952	0000	-714	37.5935	81.4809	PPNR	0.8	1.7	5.4	2.00	0.31	6.40	1318.	48.	7.
953	0000	-713	37.5930	81.4810	PPNR	0.8	1.7	5.1	2.07	0.34	6.02	1287.	49.	6.
954	0000	-716	37.5925	81.4812	PPNR	0.8	1.9	4.5 -	2.29	0.42 +	5.46	1241.	51.	4.
955	0000	-717	37.5920	81.4812	PPNR	0.8	1.7	4.3 -	2.05	0.38 +	5.37 -	1186.	49.	3.
956	0000	-717	37.5916	81.4814	PPNR	0.8	1.6	4.3 -	2.04	0.37	5.54	1167.	48.	2.
957	0000	-717	37.5910	81.4815	PPNR	0.8	1.5	4.5 -	2.00	0.33	6.04	1130.	49.	2.
958	0000	-718	37.5906	81.4816	PPNR	0.7	1.3	4.5 -	1.77	0.29	6.14	1090.	51.	2.
959	0000	-719	37.5901	81.4817	PPNR	0.7	1.3	4.5 -	1.72	0.28	6.09	1064.	49.	2.
960	0000	-720	37.5896	81.4819	PPNR	0.7	1.2	4.6	1.72	0.26	6.71	1056.	50.	2.
961	0000	-719	37.5892	81.4819	PPNR	0.7	1.2	4.6	1.85	0.27	6.82	1039.	50.	2.
962	0000	-720	37.5887	81.4821	PPNR	0.6	1.6	4.4 -	2.46	0.36	6.90	1026.	51.	2.
963	0000	-720	37.5882	81.4822	PPNR	0.6	1.6	4.4 -	2.53	0.37	6.88	1012.	54.	2.
964	0000	-721	37.5877	81.4823	PPNR	0.7	1.3	4.1 -	1.85	0.31	5.93	1014.	56.	3.
965	0000	-720	37.5872	81.4824	PPNR	0.7	1.3	4.2 -	1.90	0.32	5.92	1028.	56.	4.
966	0000	-721	37.5867	81.4826	PPNR	0.7	1.4	4.0 -	2.11	0.35	6.02	1035.	59.	1.
967	0000	-723	37.5862	81.4826	PPNR	0.7	1.3	4.0 -	1.95	0.34	5.82	1032.	58.	5.
968	0000	-723	37.5858	81.4828	PPNR	0.7	1.1 -	4.4 -	1.48	0.24	6.08	1050.	58.	5.
969	0000	-721	37.5852	81.4829	PPNR	0.8	0.9 -	4.4 -	1.15 -	0.20 -	5.74	1097.	58.	6.

CP9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-722	37.5848	81.4830	PPNR	0.8	1.1 -	4.5 -	1.33	0.23	5.69	1127.	57.	5.
971	0000	-722	37.5843	81.4831	PPNR	0.8	1.4	4.8	1.82	0.28	6.24	1145.	55.	5.
972	0000	-721	37.5838	81.4833	PPNR	0.8	1.5	4.7	2.03	0.33	6.23	1180.	52.	4.
973	0000	-720	37.5834	81.4834	PPNR	0.8	1.6	4.9	2.06	0.34	6.12	1227.	51.	4.
974	0000	-720	37.5828	81.4835	PPNR	0.9	1.7	4.8	2.03	0.36	5.65	1249.	52.	4.
975	0000	-720	37.5824	81.4836	PPNR	0.8	2.0	4.8	2.37	0.41 +	5.83	1246.	51.	4.
976	0000	-718	37.5818	81.4838	PPNR	0.8	2.0	5.0	2.47	0.40 +	6.24	1213.	49.	4.
977	0000	-719	37.5814	81.4839	PPNR	0.8	1.7	4.7	2.14	0.37	5.82	1199.	49.	5.
978	0000	-720	37.5809	81.4840	PPNR	0.8	1.4	5.0	1.70	0.28	6.00	1206.	48.	6.
979	0000	-720	37.5804	81.4841	PPNR	0.8	1.2	5.5	1.46	0.22	6.79	1187.	49.	5.
980	0000	-720	37.5800	81.4842	PPNR	0.8	1.0 -	5.4	1.26 -	0.19 -	6.76	1135.	51.	6.
981	0000	-720	37.5794	81.4843	PPNR	0.8	1.0 -	5.4	1.24 -	0.18 -	6.94	1115.	51.	6.
982	0000	-718	37.5790	81.4845	PPNR	0.7	1.0 -	5.1	1.34	0.19 --	6.90	1107.	51.	6.
983	0000	-718	37.5785	81.4846	PPNR	0.8	1.0 -	4.8	1.33	0.21 -	6.35	1108.	54.	6.
984	0000	-719	37.5780	81.4847	PPNR	0.7	0.9 -	5.1	1.15 -	0.17 -	6.83	1101.	54.	6.
985	0000	-721	37.5775	81.4848	PPNR	0.7	1.0 -	4.9	1.35	0.20 -	6.78	1082.	56.	6.
986	0000	-720	37.5770	81.4849	PPNR	0.7	1.2	4.3 -	1.75	0.28	6.30	1075.	55.	7.
987	0000	-720	37.5766	81.4850	PPNR	0.7	1.1 -	4.4 -	1.64	0.25	6.28	1074.	53.	8.
988	0000	-721	37.5760	81.4852	PPNR	0.7	1.2	4.5 -	1.80	0.28	6.49	1088.	52.	8.
989	0000	-722	37.5756	81.4853	PPNR	0.7	1.3	5.0	1.90	0.26	7.24	1111.	54.	8.
990	0000	-720	37.5751	81.4854	PPNR	0.8	1.4	5.6	1.78	0.24	7.37	1151.	52.	6.
991	0000	-720	37.5746	81.4855	PPNR	0.8	1.6	5.4	2.18	0.30	7.19	1188.	53.	6.
992	0000	-719	37.5741	81.4856	PPNR	0.8	1.8	5.5	2.10	0.32	6.51	1240.	51.	5.
993	0000	-720	37.5737	81.4858	PPNR	1.0	1.8	6.0	1.91	0.31	6.24	1292.	49.	4.
994	0000	-721	37.5732	81.4859	PPNR	1.0	1.8	6.8	1.76	0.26	6.81	1355.	49.	3.
995	0000	-720	37.5727	81.4860	PPNR	1.0	1.9	6.5	1.89	0.29	6.47	1384.	49.	3.
996	1000	-720	37.5722	81.4861	PPNR	1.2	1.9	6.3	1.63	0.30	5.42	1424.	48.	3.
997	1000	-718	37.5717	81.4863	PPNR	1.1	1.7	6.0	1.48	0.28	5.33 -	1421.	48.	4.
998	1000	-719	37.5712	81.4863	PPNR	1.2	1.4	6.2	1.23 -	0.23	5.35 -	1421.	46.	4.
999	1000	-720	37.5707	81.4865	PPP	1.1	1.3 -	6.1	1.15 -	0.21 -	5.48	1390.	47.	5.
1000	0000	-720	37.5703	81.4866	PPP	1.1	1.1 -	6.0	1.09 --	0.19 -	5.69	1372.	49.	6.
1001	0000	-720	37.5698	81.4867	PPP	1.0	1.2 -	5.2	1.19 -	0.24	5.01 -	1334.	50.	7.
1002	0000	-720	37.5693	81.4868	PPP	1.0	1.0 -	5.5	1.03 -	0.19 -	5.40	1305.	50.	8.
1003	0000	-719	37.5688	81.4870	PPP	0.9	0.9 -	5.0	0.93 --	0.17 -	5.49	1247.	48.	8.
1004	0000	-720	37.5683	81.4871	PPP	0.8	0.9 -	5.0	1.05 -	0.17 -	6.00	1196.	51.	7.
1005	0000	-721	37.5679	81.4872	PPP	0.8	1.1 -	4.8 -	1.35	0.22	6.08	1140.	54.	7.
1006	0000	-722	37.5673	81.4873	PPP	0.8	1.1 -	4.9 -	1.41	0.22	6.43	1096.	54.	6.
1007	0000	-721	37.5668	81.4875	PPP	0.7	1.0 -	4.7 -	1.35	0.21 -	6.37	1045.	55.	6.
1008	0000	-720	37.5664	81.4875	PPP	0.7	1.2 -	4.7 -	1.66	0.25	6.60	1030.	55.	4.
1009	0000	-720	37.5659	81.4877	PPP	0.7	1.3	4.7 -	1.80	0.28	6.45	1031.	57.	3.
1010	0000	-721	37.5654	81.4878	PPP	0.7	1.5	4.8 -	2.14	0.31	6.97	1041.	58.	2.
1011	0000	-722	37.5649	81.4878	PPP	0.7 -	1.7	5.0	2.54 +	0.34	7.58	1069.	55.	1.
1012	0000	-722	37.5644	81.4880	PPP	0.7	1.7	5.1	2.45	0.33	7.49	1125.	53.	1.
1013	0000	-721	37.5639	81.4882	PPP	0.7	1.9	5.1	2.59 +	0.37 +	7.04	1182.	53.	1.
1014	0000	-721	37.5635	81.4882	PPP	0.8	1.9	4.9 -	2.57 +	0.40 +	6.50	1213.	54.	2.
1015	0000	-722	37.5630	81.4883	PPP	0.8	1.8	4.8 -	2.27	0.37 +	6.16	1221.	54.	3.
1016	0000	-721	37.5625	81.4885	PPNR	0.7	1.6	4.5 -	2.16	0.36	6.06	1189.	52.	4.
1017	0000	-722	37.5620	81.4885	PPNR	0.7	1.5	4.4 -	2.11	0.34	6.24	1156.	52.	5.
1018	0000	-723	37.5615	81.4887	PPNR	0.7	1.4	4.1 -	1.83	0.33	5.56	1123.	53.	6.
1019	0000	-722	37.5611	81.4889	PPNR	0.7	1.2	3.7 -	1.73	0.33	5.26 -	1064.	53.	7.
1020	0000	-722	37.5605	81.4889	PPNR	0.7	1.1 -	3.6 -	1.60	0.30	5.28 -	1019.	53.	7.

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FLIGHT LINE 840, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-722	37.5601	81.4890	PPNR	0.7	1.1 -	3.7 -	1.62	0.30	5.49	1016.	52.	7.
1022	0000	-723	37.5596	81.4892	PPNR	0.6 -	1.2	3.6 -	1.89	0.32	5.82	1021.	51.	7.
1023	0000	-724	37.5591	81.4893	PPNR	0.6 -	1.5	4.2 -	2.56 +	0.37	6.99	1058.	52.	6.
1024	0000	-721	37.5587	81.4894	PPNR	0.7	1.3	4.3 -	1.99	0.31	6.43	1091.	51.	7.
1025	0000	-722	37.5581	81.4895	PPNR	0.7	1.5	4.3 -	2.21	0.35	6.22	1118.	53.	7.
1026	0000	-724	37.5577	81.4897	PPNR	0.7	1.5	4.8	2.16	0.32	6.77	1141.	54.	7.
1027	0000	-724	37.5572	81.4897	PPNR	0.7	1.4	4.9	1.90	0.28	6.70	1150.	54.	8.
1028	0000	-724	37.5567	81.4899	PPNR	0.7	1.4	4.8	1.90	0.29	6.65	1150.	55.	8.
1029	0000	-725	37.5562	81.4900	PPNR	0.8	1.2	5.1	1.53	0.23	6.44	1159.	55.	9.
1030	0000	-727	37.5557	81.4901	PPNR	0.9	0.9 -	5.1	1.11 -	0.19 -	5.95	1162.	54.	9.
1031	0000	-728	37.5553	81.4902	PPNR	0.8	1.1 -	5.1	1.35	0.22	6.07	1168.	55.	8.
1032	0000	-728	37.5547	81.4904	PPNR	0.8	1.2	5.1	1.46	0.23	6.31	1158.	53.	7.
1033	0000	-727	37.5543	81.4905	PPNR	0.8	1.1 -	5.1	1.32 -	0.22	6.15	1150.	53.	6.
1034	0000	-728	37.5538	81.4906	PPNR	0.8	1.4	5.0	1.73	0.27	6.35	1146.	53.	4.
1035	0000	-727	37.5533	81.4907	PPNR	0.8	1.3	5.2	1.59	0.24	6.50	1132.	52.	3.
1036	0000	-728	37.5529	81.4908	PPNR	0.7	1.3	5.2	1.77	0.25	6.95	1103.	53.	2.
1037	0000	-727	37.5523	81.4910	PPNR	0.7	1.2	5.2	1.68	0.24	7.10	1084.	55.	1.
1038	0000	-727	37.5518	81.4911	PPNR	0.7	1.4	5.5	2.05	0.26	7.82	1092.	53.	1.
1039	0000	-729	37.5514	81.4912	PPNR	0.7	1.3	5.9	1.74	0.22	7.92	1132.	53.	1.
1040	0000	-730	37.5509	81.4913	PPNR	0.7	1.5	5.9	1.98	0.25	7.92	1180.	54.	1.
1041	0000	-729	37.5504	81.4914	PPNR	0.8	1.4	6.0	1.78	0.23	7.76	1203.	53.	1.
1042	0000	-730	37.5499	81.4915	PPNR	0.8	1.4	6.1	1.83	0.23	7.81	1229.	54.	2.
1043	0000	-730	37.5495	81.4917	PPNR	0.8	1.5	6.0	1.79	0.25	7.26	1257.	52.	3.
1044	0000	-731	37.5489	81.4918	PPNR	0.9	1.5	5.7	1.68	0.26	6.49	1279.	51.	4.
1045	0000	-733	37.5485	81.4919	PPNR	0.9	1.2	5.3	1.29 -	0.22	5.86	1254.	55.	5.
1046	0000	-733	37.5480	81.4920	PPNR	0.9	1.2	5.0	1.36	0.24	5.63	1215.	56.	5.
1047	0000	-732	37.5475	81.4922	PPNR	0.9	1.2	5.0	1.35	0.24	5.62	1190.	55.	6.
1048	0000	-732	37.5470	81.4922	PPNR	0.9	1.0 -	5.1	1.14 -	0.20 -	5.63	1184.	54.	6.
1049	0000	-733	37.5465	81.4924	PPNR	0.9	1.2	4.8	1.36	0.25	5.38 -	1174.	54.	6.
1050	0000	-733	37.5461	81.4925	PPP	0.9	1.4	5.1	1.59	0.28	5.77	1160.	54.	5.
1051	0000	-733	37.5455	81.4926	PPP	0.8	1.6	5.0	1.98	0.32	6.10	1148.	54.	5.
1052	0000	-736	37.5451	81.4927	PPP	0.8	1.7	5.0	2.12	0.34	6.17	1179.	52.	5.
1053	0000	-737	37.5446	81.4929	PPP	0.9	2.0	5.1	2.27	0.38 +	5.95	1212.	50.	4.
1054	0000	-735	37.5441	81.4929	PPP	0.9	2.0	5.5	2.15	0.36 +	5.98	1274.	48.	4.
1055	0000	-736	37.5436	81.4931	PPP	1.0	2.1	5.6	2.07	0.37 +	5.54	1351.	48.	5.
1056	0000	-736	37.5431	81.4932	PPP	1.1	2.3	6.0	2.08	0.37 +	5.57	1394.	48.	4.
1057	0000	-737	37.5427	81.4933	PPP	1.1	2.3	5.7	2.01	0.40 +	4.98 -	1423.	48.	5.
1058	0000	-737	37.5422	81.4933	PPP	1.2	2.2	5.6	1.91	0.40 +	4.80 -	1419.	48.	5.
1059	0000	-737	37.5417	81.4933	PPP	1.2	2.1	5.9	1.78	0.36	5.01 -	1406.	46.	4.
1060	0000	-738	37.5412	81.4933	PPP	1.1	2.0	5.8	1.82	0.34	5.29 -	1380.	48.	4.
1061	0000	-739	37.5407	81.4932	PPP	1.0	1.8	5.3	1.79	0.34	5.23 -	1297.	52.	5.
1062	0000	-740	37.5403	81.4932	PPP	0.9	1.9	5.1	2.06	0.37 +	5.55	1233.	52.	5.
1063	0000	-741	37.5398	81.4932	PPP	0.8	1.6	4.9 -	1.91	0.33	5.81	1214.	53.	6.
1064	0000	-742	37.5393	81.4932	PPP	0.7	1.4	5.2	1.87	0.27	7.02	1180.	53.	6.
1065	0000	-744	37.5388	81.4932	PPP	0.7	1.2 -	5.5	1.66	0.21 -	7.89	1151.	55.	6.
1066	0000	-747	37.5383	81.4932	PPNR	0.6	1.1 -	5.2	1.74	0.22	8.03 +	1106.	57.	7.
1067	0000	-747	37.5379	81.4932	PPNR	0.6	0.9 -	5.0	1.44	0.19 -	7.75	1070.	56.	7.
1068	0000	-747	37.5373	81.4932	PPNR	0.6	1.0 -	4.7	1.59	0.21	7.43	1054.	54.	6.
1069	0000	-749	37.5369	81.4932	PPNR	0.6 -	1.0 -	4.5 -	1.71	0.22	7.58	1028.	53.	6.
1070	0000	-750	37.5364	81.4932	PPNR	0.6 -	1.2	4.1 -	1.94	0.29	6.77	1000.	53.	5.
1071	0000	-750	37.5359	81.4931	PPNR	0.7	1.2	3.9 -	1.79	0.32	5.60	1033.	53.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840; DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-751	37.5354	81.4931	PPNR	0.8	1.5	3.7 -	1.88	0.40 +	4.72 -	1096.	50.	4.
1073	0000	-751	37.5350	81.4931	PPNR	0.9	1.7	4.0 -	1.96	0.42 +	4.57 -	1169.	48.	3.
1074	0000	-750	37.5345	81.4931	PPNR	0.9	1.9	4.1 -	2.11	0.47 +	4.49 -	1227.	50.	2.
1075	0000	-749	37.5340	81.4931	PPNR	0.9	1.8	4.3 -	1.92	0.41 +	4.64 -	1257.	50.	3.
1076	0000	-747	37.5336	81.4931	PPNR	1.0	1.6	4.6	1.55	0.34	4.56 -	1274.	50.	4.
1077	0000	-746	37.5330	81.4931	PPNR	1.0	1.4	5.0	1.42	0.29	4.97 -	1273.	51.	5.
1078	0000	-745	37.5326	81.4930	PPNR	1.0	1.3	5.1	1.33	0.25	5.36 -	1256.	51.	6.
1079	0000	-746	37.5320	81.4930	PPNR	0.9	1.2	5.2	1.29 -	0.22	5.78	1235.	50.	6.
1080	0000	-746	37.5316	81.4930	PPNR	0.9	1.2	5.2	1.41	0.24	5.85	1220.	51.	6.
1081	0000	-745	37.5311	81.4930	PPNR	0.9	1.1 -	5.1	1.23 -	0.22	5.68	1222.	51.	7.
1082	0000	-745	37.5306	81.4930	PPNR	1.0	1.2	5.2	1.20 -	0.22	5.38 -	1247.	50.	8.
1083	0000	-746	37.5302	81.4930	PPNR	0.9	1.4	5.3	1.50	0.27	5.56	1284.	52.	8.
1084	0000	-746	37.5297	81.4930	PPNR	1.0	1.8	5.5	1.77	0.33	5.37 -	1340.	48.	7.
1085	0000	-746	37.5292	81.4929	PPNR	1.1	1.9	6.0	1.77	0.32	5.61	1395.	49.	7.
1086	0000	-746	37.5287	81.4929	PPNR	1.1	1.9	6.7	1.73	0.29	5.95	1434.	52.	6.
1087	0000	-746	37.5282	81.4929	PPNR	1.1	1.9	6.8	1.68	0.28	6.07	1429.	52.	6.
1088	0000	-745	37.5277	81.4929	PPNR	1.1	2.2	6.9	2.10	0.33	6.42	1426.	51.	5.
1089	0000	-746	37.5273	81.4929	PPNR	1.0	2.4 +	6.6	2.46	0.37	6.66	1416.	53.	5.
1090	0000	-746	37.5268	81.4929	PPNR	1.0	2.4 +	6.9	2.29	0.34	6.73	1430.	52.	5.
1091	0000	-747	37.5263	81.4929	PPNR	1.0	2.2	6.7	2.22	0.32	6.83	1437.	53.	5.
1092	0000	-748	37.5258	81.4928	PPNR	0.9	2.4 +	6.2	2.66 +	0.39 +	6.78	1429.	53.	5.
1093	0000	-748	37.5253	81.4928	PPNR	0.9	2.3 +	5.6	2.46	0.41 +	5.95	1411.	53.	5.
1094	0000	-748	37.5249	81.4928	PPNR	1.0	2.4 +	5.4	2.43	0.44 +	5.63	1419.	51.	5.
1095	0000	-748	37.5244	81.4928	PPNR	1.0	1.8	5.5	1.83	0.33	5.68	1410.	52.	6.
1096	0000	-748	37.5239	81.4928	PPNR	1.0	1.5	5.8	1.49	0.26	5.66	1403.	50.	8.
1097	0000	-749	37.5234	81.4928	PPNR	1.0	1.3	5.4	1.38	0.25	5.55	1334.	49.	9.
1098	0000	-749	37.5229	81.4928	PPNR	1.0	1.2 -	5.3	1.21 -	0.22	5.50	1264.	50.	10.
1099	0000	-750	37.5225	81.4927	PPNR	0.9	1.0 -	4.9	1.10 -	0.20 -	5.51	1197.	52.	11.
1100	0000	-751	37.5220	81.4927	PPNR	0.8	1.1 -	4.7	1.42	0.23	6.20	1137.	50.	10.
1101	0000	-751	37.5215	81.4927	PPNR	0.7	0.9 -	4.6	1.20 -	0.19 -	6.42	1077.	50.	10.
1102	0000	-752	37.5210	81.4927	PPNR	0.7	0.9 -	4.4 -	1.32 -	0.21	6.21	1047.	50.	9.
1103	0000	-752	37.5206	81.4927	PPNR	0.6 -	1.1 -	4.5 -	1.84	0.24	7.52	1020.	51.	8.
1104	0000	-754	37.5201	81.4927	PPNR	0.6 -	1.2 -	4.5 -	2.04	0.25	8.02 +	1012.	52.	7.
1105	0000	-754	37.5196	81.4927	PPNR	0.6 -	1.2	5.1	2.13	0.24	8.96 +	1023.	50.	6.
1106	0000	-754	37.5191	81.4927	PPNR	0.6	1.1 -	5.1	1.75	0.22	7.98 +	1040.	50.	6.
1107	0000	-754	37.5186	81.4927	PPNR	0.6	1.0 -	5.4	1.61	0.19 -	8.45 +	1072.	54.	6.
1108	0000	-754	37.5182	81.4927	PPNR	0.7	1.1 -	5.7	1.60	0.18 -	8.72 +	1109.	54.	6.
1109	0000	-755	37.5177	81.4927	PPNR	0.7	1.2	6.1	1.82	0.20 -	9.30 +	1149.	56.	6.
1110	0000	-756	37.5172	81.4927	PPNR	0.7	1.1 -	6.0	1.54	0.18 -	8.35 +	1182.	56.	7.
1111	0000	-755	37.5167	81.4927	PPNR	0.8	1.3	6.3	1.64	0.20 -	8.12 +	1235.	55.	6.
1112	0000	-756	37.5162	81.4926	PPNR	0.8	1.2 -	6.0	1.38	0.19 -	7.10	1267.	57.	6.
1113	0000	-758	37.5157	81.4925	PPNR	0.8	1.5	6.0	1.83	0.25	7.39	1288.	54.	6.
1114	0000	-759	37.5153	81.4925	PPNR	0.9	1.4	5.9	1.57	0.24	6.57	1265.	51.	5.
1115	0000	-758	37.5148	81.4925	PPNR	0.9	1.3	5.6	1.44	0.23	6.17	1245.	51.	5.
1116	0000	-761	37.5143	81.4925	PPNR	0.9	1.1 -	5.5	1.28 -	0.21 -	6.23	1213.	49.	5.
1117	0000	-762	37.5138	81.4925	PPNR	0.9	1.2 -	5.3	1.36	0.22	6.23	1182.	48.	6.
1118	0000	-761	37.5134	81.4925	PPNR	0.8	1.1 -	4.8	1.28 -	0.22	5.81	1141.	48.	6.
1119	0000	-761	37.5129	81.4925	PPNR	0.8	1.0 -	4.7	1.30 -	0.22	5.89	1103.	47.	6.
1120	0000	-762	37.5124	81.4924	PPNR	0.8	0.8 -	4.6	1.08 -	0.18 -	5.87	1090.	49.	6.
1121	0000	-763	37.5119	81.4924	PPNR	0.8	1.0 -	4.6	1.36	0.23	5.93	1121.	49.	5.
1122	0000	-765	37.5115	81.4924	PPNR	0.8	1.3	4.7	1.71	0.28	6.20	1163.	51.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-767	37.5109	81.4924	PPNR	0.8	1.7	4.7	2.11	0.35	6.00	1193.	50.	4.
1124	0000	-766	37.5105	81.4924	PPNR	0.8	1.8	4.8	2.15	0.37	5.77	1218.	51.	3.
1125	0000	-766	37.5100	81.4924	PPNR	0.8	1.9	4.7	2.27	0.41 +	5.55	1230.	51.	2.
1126	0000	-768	37.5095	81.4924	PPNR	0.8	2.2	4.6	2.58 +	0.48 +	5.42	1248.	51.	2.
1127	0000	-768	37.5090	81.4924	PPNR	0.9	2.2	4.5 -	2.57 +	0.49 +	5.26 -	1237.	50.	1.
1128	0000	-768	37.5085	81.4924	PPNR	0.8	2.2	4.5 -	2.67 +	0.49 +	5.42	1212.	52.	1.
1129	0000	-769	37.5081	81.4924	PPNR	0.8	2.1	4.4 -	2.68 +	0.48 +	5.64	1164.	52.	0.
1130	0000	-771	37.5076	81.4924	PPNR	0.8	1.8	4.2 -	2.28	0.42 +	5.42	1129.	53.	0.
1131	0000	-772	37.5071	81.4924	PPNR	0.7	1.7	4.1 -	2.30	0.41 +	5.66	1097.	53.	0.
1132	0000	-772	37.5066	81.4923	PPNR	0.7	1.6	4.4 -	2.39	0.37	6.44	1077.	55.	0.
1133	0000	-774	37.5062	81.4923	PPNR	0.7	1.4	4.7	2.05	0.30	6.89	1067.	54.	0.
1134	0000	-775	37.5057	81.4923	PPNR	0.7	1.3	4.7	1.99	0.29	6.87	1065.	55.	0.
1135	0000	-774	37.5052	81.4923	PPNR	0.7	1.4	4.9	2.03	0.28	7.34	1084.	52.	1.
1136	0000	-774	37.5047	81.4923	PPNR	0.7	1.4	4.8	1.90	0.29	6.45	1106.	51.	2.
1137	0000	-775	37.5042	81.4923	PPNR	0.8	1.3	4.7	1.76	0.29	6.12	1120.	51.	4.
1138	0000	-776	37.5038	81.4923	PPNR	0.8	1.4	4.6	1.78	0.30	5.91	1128.	53.	5.
1139	0000	-775	37.5032	81.4923	PPNR	0.8	1.3	4.6	1.64	0.28	5.90	1122.	53.	6.
1140	0000	-777	37.5028	81.4923	PPNR	0.8	1.1 -	5.0	1.51	0.23	6.53	1119.	53.	7.
1141	0000	-779	37.5023	81.4922	PPNR	0.7	1.0 -	5.3	1.38	0.19 -	7.18	1115.	51.	7.
1142	0000	-779	37.5018	81.4922	PPNR	0.7	1.0 -	5.4	1.27 -	0.18 -	7.26	1104.	53.	7.
1143	0000	-778	37.5014	81.4922	PPNR	0.7	1.0 -	5.4	1.43	0.18 -	7.89	1092.	54.	6.
1144	0000	-779	37.5009	81.4922	PPNR	0.6 -	1.1 -	5.6	1.72	0.19 -	9.06 +	1069.	54.	5.
1145	0000	-780	37.5004	81.4922	PPNR	0.6 -	1.1 -	5.6	1.76	0.20 -	9.01 +	1061.	54.	3.
1146	0000	-781	37.4999	81.4922	PPNR	0.6 -	1.2	5.6	1.98	0.22	9.14 +	1065.	53.	2.
1147	0000	-781	37.4994	81.4921	PPNR	0.6 -	1.2	5.2	2.05	0.24	8.58 +	1058.	53.	2.
1148	0000	-782	37.4989	81.4921	PPNR	0.6 -	1.5	4.6	2.52	0.32	7.89	1035.	56.	1.
1149	0000	-783	37.4985	81.4921	PPNR	0.6 -	1.5	4.2 -	2.67 +	0.35	7.58	1004.	58.	1.
1150	0000	-783	37.4980	81.4921	PPNR	0.6 -	1.4	4.2 -	2.59 +	0.35	7.51	998.	58.	1.
1151	0000	-784	37.4975	81.4921	PPNR	0.6 -	1.5	4.0 -	2.66 +	0.39 +	6.89	1004.	58.	1.
1152	0000	-785	37.4971	81.4921	PPNR	0.6 -	1.6	4.3 -	2.87 +	0.36	7.88	1020.	56.	1.
1153	0000	-785	37.4965	81.4921	PPNR	0.6 -	1.6	4.6	2.63 +	0.35	7.41	1041.	57.	0.
1154	0000	-785	37.4961	81.4920	PPNR	0.6 -	1.7	4.8	2.81 +	0.35	8.13 +	1059.	57.	0.
1155	0000	-785	37.4955	81.4920	PPNR	0.6 -	1.6	4.9	2.72 +	0.33	8.27 +	1079.	58.	0.
1156	0000	-786	37.4951	81.4920	PPNR	0.6 -	1.6	4.9	2.54	0.32	7.96 +	1099.	56.	1.
1157	0000	-787	37.4946	81.4920	PPNR	0.6 -	1.5	5.1	2.42	0.29	8.34 +	1089.	56.	2.
1158	0000	-787	37.4941	81.4920	PPNR	0.6 -	1.3	5.2	2.12	0.25	8.64 +	1107.	55.	3.
1159	0000	-787	37.4937	81.4920	PPNR	0.6	1.1 -	5.1	1.78	0.23	7.85	1124.	54.	5.
1160	0000	-788	37.4932	81.4920	PPNR	0.6	1.1 -	5.1	1.71	0.21	8.07 +	1134.	53.	7.
1161	0000	-789	37.4927	81.4919	PPNR	0.6	1.0 -	4.9	1.65	0.21	7.72	1124.	52.	9.
1162	0000	-791	37.4922	81.4919	PPNR	0.7	0.8 -	4.9	1.16 -	0.16 --	7.47	1143.	48.	10.
1163	0000	-791	37.4918	81.4919	PPNR	0.7	0.7 -	5.1	0.98 -	0.14 --	7.20	1159.	48.	11.
1164	0000	-791	37.4912	81.4919	PPNR	0.8	0.9 -	5.2	1.18 -	0.17 -	6.79	1192.	47.	10.
1165	0000	-793	37.4908	81.4919	PPNR	0.8	0.9 -	4.7	1.17 -	0.20 -	5.84	1193.	51.	10.
1166	0000	-792	37.4903	81.4919	PPNR	0.8	1.1 -	4.8	1.29 -	0.22	5.79	1181.	53.	8.
1167	0000	-793	37.4898	81.4919	PPNR	0.8	0.9 -	4.7	1.13 -	0.20 -	5.59	1184.	54.	7.
1168	0000	-793	37.4893	81.4918	PPNR	0.9	1.0 -	4.6	1.18 -	0.23	5.16 -	1202.	53.	5.
1169	0000	-792	37.4888	81.4918	PPNR	0.9	1.4	4.9	1.56	0.27	5.68	1213.	53.	4.
1170	0000	-793	37.4884	81.4918	PPNR	0.9	1.6	5.3	1.87	0.30	6.22	1213.	53.	2.
1171	0000	-796	37.4879	81.4918	PPNR	0.8	1.5	5.1	1.86	0.30	6.12	1179.	54.	2.
1172	0000	-795	37.4874	81.4918	PPNR	0.8	1.6	5.2	1.99	0.31	6.46	1155.	52.	2.
1173	0000	-796	37.4869	81.4918	PPNR	0.8	1.4	5.0	1.78	0.29	6.15	1126.	51.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-798	37.4865	81.4918	PPNR	0.8	1.5	4.6	1.98	0.32	6.11	1069.	50.	3.
1175	0000	-798	37.4860	81.4917	PPNR	0.7	1.5	4.7	2.14	0.32	6.78	1026.	51.	3.
1176	0000	-797	37.4855	81.4917	PPNR	0.7	1.3	4.3 -	1.87	0.30	6.27	985.	51.	4.
1177	0000	-797	37.4850	81.4917	PPNR	0.6	1.0 -	3.7 -	1.61	0.28	5.79	962.	52.	6.
1178	0000	-798	37.4845	81.4917	PPNR	0.6	1.0 -	4.0 -	1.54	0.25	6.26	982.	52.	6.
1179	0000	-799	37.4841	81.4917	PPNR	0.6 -	1.0 -	4.2 -	1.66	0.24	6.96	985.	52.	6.
1180	0000	-799	37.4836	81.4917	PPNR	0.6 -	1.1 -	4.2 -	1.87	0.25	7.41	1003.	52.	7.
1181	0000	-800	37.4831	81.4917	PPNR	0.6 -	1.1 -	4.3 -	1.83	0.26	7.18	1042.	53.	7.
1182	0000	-800	37.4826	81.4916	PPNR	0.6	1.3	4.4 -	2.04	0.30	6.86	1089.	54.	6.
1183	0000	-799	37.4821	81.4916	PPNR	0.7	1.2	4.6 -	1.78	0.27	6.56	1134.	56.	6.
1184	0000	-799	37.4817	81.4916	PPNR	0.8	1.5	5.0	2.01	0.30	6.63	1205.	55.	4.
1185	0000	-801	37.4811	81.4916	PPNR	0.8	1.7	5.1	2.17	0.33	6.65	1266.	56.	3.
1186	0000	-802	37.4807	81.4916	PPNR	0.8	1.9	5.6	2.31	0.33	6.93	1351.	54.	2.
1187	0000	-801	37.4802	81.4916	PPNR	0.9	2.1	6.1	2.46	0.35	7.10	1414.	54.	1.
1188	0000	-799	37.4797	81.4916	PPNR	0.9	2.2	6.5	2.52	0.34	7.49	1443.	53.	1.
1189	0000	-801	37.4792	81.4915	PPNR	0.9	2.0	6.5	2.23	0.30	7.41	1430.	53.	2.
1190	0000	-803	37.4788	81.4915	PPNR	0.9	2.0	6.8	2.29	0.29	7.90	1419.	51.	2.
1191	0000	-802	37.4783	81.4915	PPNR	0.8	1.8	6.6	2.19	0.28	7.91	1375.	52.	3.
1192	0000	-802	37.4778	81.4915	PPNR	0.8	1.9	6.3	2.18	0.29	7.40	1356.	52.	4.
1193	0000	-803	37.4774	81.4915	PPNR	0.8	1.4	6.0	1.68	0.24	7.05	1293.	55.	5.
1194	0000	-803	37.4769	81.4915	PPNR	0.8	1.2	5.4	1.46	0.22	6.68	1232.	56.	7.
1195	0000	-804	37.4764	81.4915	PPNR	0.8	0.9 -	5.1	1.17 -	0.19 -	6.31	1195.	57.	8.
1196	0000	-805	37.4759	81.4914	PPNR	0.8	1.0 -	5.1	1.24 -	0.19 -	6.47	1179.	56.	8.
1197	0000	-803	37.4754	81.4914	PPNR	0.8	1.0 -	4.8	1.30 -	0.22	5.98	1154.	57.	9.
1198	0000	-803	37.4750	81.4914	PPNR	0.8	0.8 -	4.8	1.02 -	0.17 -	5.93	1141.	57.	9.
1199	0000	-805	37.4744	81.4914	PPNR	0.8	0.6 --	4.9	0.76 --	0.12 --	6.23	1112.	57.	9.
1200	0000	-805	37.4740	81.4914	PPNR	0.8	0.8 -	4.9	1.05 -	0.17 -	6.11	1128.	54.	8.
1201	0000	-805	37.4735	81.4914	PPNR	0.8	1.0 -	5.3	1.28 -	0.20 -	6.49	1145.	53.	7.
1202	0000	-806	37.4730	81.4914	PPNR	0.8	1.4	5.1	1.69	0.27	6.25	1166.	52.	6.
1203	0000	-806	37.4725	81.4913	PPNR	0.9	1.4	5.2	1.65	0.27	6.02	1196.	52.	5.
1204	0000	-805	37.4720	81.4913	PPNR	0.9	1.5	5.3	1.65	0.28	5.88	1231.	50.	4.
1205	0000	-806	37.4716	81.4913	PPNR	0.9	1.7	5.3	1.91	0.32	5.95	1268.	50.	4.
1206	0000	-807	37.4711	81.4913	PPNR	0.9	1.8	5.5	1.86	0.32	5.88	1298.	54.	3.
1207	0000	-806	37.4706	81.4913	PPNR	1.0	1.9	5.6	1.90	0.34	5.63	1355.	53.	2.
1208	0000	-806	37.4701	81.4913	PPNR	1.1	1.8	5.6	1.57	0.31	5.00 -	1423.	52.	2.
1209	0000	-808	37.4697	81.4913	PPNR	1.2	1.7	6.0	1.50	0.29	5.18 -	1458.	54.	1.
1210	0000	-809	37.4691	81.4912	PPNR	1.1	2.0	5.8	1.70	0.34	5.02 -	1482.	52.	1.
1211	0000	-808	37.4687	81.4912	PPNR	1.1	2.0	5.8	1.79	0.34	5.26 -	1471.	55.	1.
1212	0000	-808	37.4682	81.4912	PPNR	1.1	1.9	5.7	1.77	0.34	5.26 -	1450.	54.	1.
1213	0000	-810	37.4677	81.4912	PPNR	1.1	2.0	5.4	1.88	0.37	5.07 -	1436.	51.	2.
1214	0000	-810	37.4672	81.4912	PPNR	1.1	1.9	5.3	1.78	0.36	4.97 -	1422.	51.	3.
1215	0000	-810	37.4667	81.4912	PPNR	1.0	1.9	5.4	1.92	0.35	5.47	1384.	52.	3.
1216	0000	-810	37.4663	81.4912	PPNR	1.0	1.9	5.2	1.91	0.36	5.32 -	1364.	53.	4.
1217	0000	-811	37.4658	81.4912	PPNR	1.0	1.5	5.6	1.52	0.27	5.63	1345.	56.	5.
1218	0000	-812	37.4653	81.4912	PPNR	1.0	1.4	5.7	1.39	0.25	5.51	1349.	54.	6.
1219	0000	-812	37.4648	81.4912	PPNR	1.1	1.4	5.6	1.37	0.26	5.35 -	1358.	53.	7.
1220	0000	-812	37.4644	81.4912	PPNR	1.1	1.2	6.0	1.11 -	0.20 -	5.47	1363.	56.	7.
1221	0000	-814	37.4639	81.4912	PPNR	1.1	1.1 -	6.1	1.00 -	0.18 -	5.57	1341.	57.	7.
1222	0000	-814	37.4634	81.4912	PPNR	1.1	1.2 -	6.2	1.08 -	0.19 -	5.78	1328.	58.	7.
1223	0000	-814	37.4629	81.4911	PPNR	1.1	1.2	5.8	1.08 -	0.20 -	5.36 -	1300.	59.	7.
1224	0000	-817	37.4625	81.4911	PPNR	1.1	1.2	5.5	1.17 -	0.23	5.14 -	1257.	57.	6.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-816	37.4620	81.4911	PPNR	1.0	1.2	5.3	1.22 -	0.23	5.29 -	1212.	56.	5.
1226	0000	-816	37.4616	81.4912	PPNR	1.0	1.1 -	5.0	1.12 -	0.22	5.19 -	1149.	56.	4.
1227	0000	-817	37.4611	81.4912	PPNR	0.9	1.2	4.7	1.35	0.26	5.23 -	1092.	53.	3.
1228	0000	-817	37.4607	81.4913	PPNR	0.9	1.1 -	4.5 -	1.26 -	0.24	5.19 -	1055.	53.	2.
1229	0000	-816	37.4602	81.4913	PPNR	0.9	0.9 -	4.2 -	1.08 -	0.22	4.84 -	1031.	51.	2.
1230	0000	-818	37.4598	81.4913	PPNR	0.8	0.8 -	4.5 -	0.94 --	0.17 -	5.54	1017.	50.	2.
1231	0000	-817	37.4593	81.4913	PPNR	0.8	0.8 -	4.2 -	1.04 -	0.20 -	5.32 -	1008.	49.	2.
1232	0000	-819	37.4589	81.4914	PPNR	0.8	0.9 -	4.0 -	1.16 -	0.23	4.95 -	1029.	49.	2.
1233	0000	-819	37.4585	81.4914	PPNR	0.8	1.0 -	4.3 -	1.28 -	0.24	5.31 -	1064.	48.	2.
1234	0000	-818	37.4580	81.4914	PPNR	0.8	1.1 -	4.6	1.27 -	0.23	5.49	1109.	49.	2.
1235	0000	-820	37.4576	81.4914	PPNR	0.8	1.2 -	4.7	1.41	0.25	5.69	1103.	48.	2.
1236	0000	-820	37.4572	81.4914	PPNR	0.8	1.3	4.6	1.73	0.29	5.95	1089.	49.	2.
1237	0000	-819	37.4567	81.4915	PPNR	0.7	1.4	4.6	1.93	0.31	6.19	1084.	50.	2.
1238	0000	-819	37.4562	81.4915	PPNR	0.8	1.4	5.1	1.86	0.28	6.73	1113.	50.	1.
1239	0000	-819	37.4558	81.4916	PPNR	0.8	1.4	5.7	1.64	0.24	6.78	1138.	52.	1.
1240	0000	-819	37.4554	81.4916	PPNR	0.8	1.4	5.8	1.63	0.24	6.87	1148.	51.	0.
1241	0000	-822	37.4549	81.4917	PPNR	0.8	1.4	5.4	1.66	0.26	6.47	1134.	49.	1.
1242	0000	-821	37.4544	81.4917	PPNR	0.8	1.4	5.2	1.73	0.28	5.30	1141.	51.	1.
1243	0000	-820	37.4540	81.4917	PPNR	0.9	1.5	5.2	1.68	0.28	5.94	1148.	49.	2.
1244	0000	-821	37.4536	81.4917	PPNR	0.9	1.6	5.3	1.85	0.30	6.15	1167.	48.	2.
1245	0000	-822	37.4531	81.4917	PPNR	0.8	1.6	5.0	1.92	0.32	5.93	1153.	49.	2.
1246	0000	-822	37.4527	81.4918	PPNR	0.7	1.6	4.6	2.22	0.36	6.20	1126.	49.	3.
1247	0000	-822	37.4522	81.4918	PPNR	0.7	2.0	4.1 -	2.75 +	0.48 +	5.70	1122.	48.	3.
1248	0000	-822	37.4518	81.4919	PPNR	0.7	2.0	4.2 -	2.94 +	0.48 +	6.14	1111.	50.	3.
1249	0000	-822	37.4514	81.4919	PPNR	0.7	2.0	4.5 -	2.88 +	0.43 +	6.63	1120.	52.	3.
1250	0000	-822	37.4509	81.4919	PPNR	0.7	1.9	4.7	2.71 +	0.40 +	6.69	1153.	54.	3.
1251	0000	-822	37.4504	81.4919	PPNR	0.8	1.7	4.8	2.15	0.35	6.11	1190.	54.	4.
1252	0000	-822	37.4500	81.4919	PPNR	0.9	1.7	5.2	1.97	0.33	6.04	1247.	55.	4.
1253	0000	-822	37.4496	81.4920	PPNR	0.9	1.6	5.7	1.78	0.29	6.11	1312.	55.	5.
1254	0000	-821	37.4491	81.4920	PPNR	1.0	1.5	5.9	1.45	0.25	5.80	1355.	58.	6.
1255	0000	-819	37.4487	81.4921	PPNR	1.1	1.3	6.0	1.26 -	0.22	5.67	1374.	58.	6.
1256	0000	-821	37.4482	81.4921	PPNR	1.0	1.6	5.6	1.58	0.29	5.38 -	1369.	55.	7.
1257	0000	-823	37.4478	81.4922	PPNR	1.0	1.4	5.5	1.39	0.26	5.43	1336.	55.	8.
1258	0000	-823	37.4473	81.4922	PPNR	1.0	1.5	5.3	1.47	0.28	5.34 -	1319.	54.	8.
1259	0000	-823	37.4469	81.4922	PPNR	0.9	1.4	4.9	1.56	0.29	5.30 -	1277.	55.	7.
1260	0000	-821	37.4465	81.4922	PPNR	0.9	1.5	4.4 -	1.70	0.34	4.97 -	1232.	57.	6.
1261	0000	-822	37.4460	81.4922	PPNR	0.9	1.5	4.9	1.75	0.30	5.78	1212.	56.	4.
1262	0000	-824	37.4455	81.4923	PPNR	0.9	1.6	4.8	1.81	0.34	5.36 -	1238.	55.	3.
1263	0000	-824	37.4451	81.4923	PPNR	1.0	1.5	4.9	1.51	0.30	5.11 -	1271.	57.	2.
1264	0000	-822	37.4447	81.4923	PPNR	1.0	1.6	5.2	1.59	0.31	5.09 -	1318.	57.	1.
1265	0000	-824	37.4442	81.4923	PPNR	1.0	1.6	5.3	1.56	0.31	5.09 -	1331.	56.	0.
1266	0000	-824	37.4438	81.4924	PPNR	1.1	1.5	5.7	1.38	0.27	5.18 -	1375.	53.	0.
1267	0000	-822	37.4433	81.4924	PPNR	1.1	1.4	5.7	1.25 -	0.25	5.03 -	1391.	53.	1.
1268	0000	-822	37.4429	81.4925	PPNR	1.1	1.5	5.3	1.31 -	0.28	4.72 -	1398.	51.	2.
1269	0000	-823	37.4425	81.4925	PPNR	1.1	1.5	5.7	1.34	0.26	5.21 -	1381.	52.	2.
1270	0000	-824	37.4420	81.4925	PPNR	1.1	1.4	5.5	1.31 -	0.25	5.22 -	1354.	52.	3.
1271	0000	-823	37.4415	81.4925	PPNR	1.0	1.4	5.2	1.38	0.27	5.15 -	1324.	52.	5.
1272	0000	-823	37.4411	81.4925	PPNR	1.0	1.3	5.3	1.27 -	0.24	5.26 -	1307.	54.	6.
1273	0000	-822	37.4407	81.4926	PPNR	0.9	1.5	4.8	1.63	0.32	5.06 -	1272.	60.	6.
1274	0000	-823	37.4402	81.4926	PPNR	0.9	1.5	5.0	1.69	0.30	5.61	1238.	57.	7.
1275	0000	-825	37.4397	81.4927	PPNR	0.9	1.3	5.0	1.50	0.26	5.71	1190.	58.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-824	37.4393	81.4927	PPNR	0.8	1.2	4.5 -	1.50	0.28	5.44	1148.	57.	7.
1277	0000	-821	37.4389	81.4927	PPNR	0.8	1.2	4.5 -	1.58	0.27	5.78	1127.	55.	6.
1278	0000	-820	37.4384	81.4927	PPNR	0.8	1.2	4.7	1.62	0.26	6.23	1097.	56.	5.
1279	0000	-822	37.4380	81.4927	PPNR	0.7	1.3	4.8	1.84	0.28	6.61	1080.	55.	4.
1280	0000	-823	37.4375	81.4928	PPNR	0.7	1.3	4.9	1.76	0.26	6.80	1074.	52.	3.
1281	0000	-823	37.4371	81.4928	PPNR	0.7	1.5	4.7	2.10	0.31	6.69	1081.	53.	1.
1282	0000	-824	37.4367	81.4929	PPNR	0.7	1.6	4.6	2.20	0.34	6.52	1089.	53.	1.
1283	0000	-824	37.4362	81.4929	PPNR	0.7	1.7	4.9	2.37	0.34	6.90	1100.	53.	1.
1284	0000	-823	37.4357	81.4929	PPNR	0.7	1.8	4.7	2.57 +	0.38 +	6.84	1088.	54.	1.
1285	0000	-824	37.4353	81.4929	PPNR	0.7	1.9	4.3 -	2.79 +	0.44 +	6.29	1102.	55.	1.
1286	0000	-825	37.4349	81.4930	PPNR	0.7	1.9	4.0 -	2.70 +	0.46 +	5.89	1090.	54.	2.
1287	0000	-824	37.4344	81.4930	PPNR	0.7	1.7	4.1 -	2.52	0.41 +	6.07	1080.	54.	2.
1288	0000	-823	37.4340	81.4931	PPNR	0.7	1.4	4.2 -	2.11	0.34	6.19	1065.	56.	2.
1289	0000	-823	37.4335	81.4930	PPNR	0.7	1.4	4.3 -	2.05	0.33	6.23	1055.	54.	1.
1290	0000	-823	37.4331	81.4930	PPNR	0.7	1.3	4.4 -	1.82	0.29	6.22	1050.	53.	1.
1291	0000	-823	37.4326	81.4931	PPNR	0.7	1.3	4.5 -	1.90	0.30	6.42	1061.	51.	1.
1292	0000	-823	37.4322	81.4931	PPNR	0.7	1.2	4.6	1.63	0.25	6.44	1071.	49.	1.
1293	0000	-824	37.4318	81.4932	PPNR	0.7	1.2	5.0	1.69	0.24	7.06	1087.	50.	1.
1294	0000	-825	37.4313	81.4932	PPNR	0.7	1.2	5.2	1.65	0.23	7.07	1092.	50.	1.
1295	0000	-823	37.4308	81.4932	PPNR	0.8	1.3	5.0	1.72	0.26	6.58	1091.	49.	1.
1296	0000	-824	37.4304	81.4932	PPNR	0.8	1.4	4.8	1.77	0.28	6.28	1113.	51.	1.
1297	0000	-825	37.4300	81.4933	PPNR	0.8	1.6	4.7	1.98	0.34	5.85	1136.	53.	1.
1298	0000	-825	37.4295	81.4933	PPNR	0.9	1.5	4.6	1.78	0.33	5.39 -	1153.	53.	1.
1299	0000	-825	37.4291	81.4933	PPP	0.8	1.7	4.6 -	2.03	0.38 +	5.41	1153.	53.	0.
1300	0000	-823	37.4286	81.4934	PPP	0.8	1.8	4.1 -	2.18	0.45 +	4.87 -	1138.	53.	0.
1301	0000	-824	37.4282	81.4933	PPP	0.8	1.9	3.7 -	2.38	0.52 ++	4.57 -	1119.	55.	0.
1302	0000	-825	37.4278	81.4935	PPP	0.9	1.8	3.9 -	2.09	0.46 +	4.57 -	1139.	57.	0.
1303	0000	-824	37.4273	81.4935	PPP	0.9	1.6	4.4 -	1.85	0.37 +	5.04 -	1159.	55.	0.
1304	0000	-822	37.4268	81.4935	PPP	0.9	1.6	4.8 -	1.79	0.33	5.46	1200.	56.	0.
1305	0000	-823	37.4264	81.4935	PPP	0.9	1.6	5.2	1.79	0.30	5.89	1255.	55.	1.
1306	0000	-822	37.4260	81.4936	PPP	0.9	1.7	5.9	1.76	0.28	6.24	1325.	56.	1.
1307	0000	-823	37.4255	81.4936	PPP	1.0	1.7	6.3	1.69	0.27	6.35	1416.	53.	1.
1308	0000	-824	37.4250	81.4936	PPP	1.1	1.6	7.2	1.49	0.22	6.70	1508.	52.	1.
1309	0000	-824	37.4247	81.4936	PPP	1.1	1.9	7.8	1.72	0.24	7.23	1623.	50.	2.
1310	0000	-825	37.4242	81.4936	PPNR	1.2	2.0	8.2 +	1.65	0.24	6.84	1722.	52.	3.
1311	0000	-825	37.4237	81.4937	PPNR	1.3 +	1.8	8.5 +	1.45	0.21	6.75	1769.	49.	4.
1312	0000	-825	37.4233	81.4937	PPNR	1.2	1.9	8.5 +	1.52	0.22	6.90	1758.	49.	4.
1313	0000	-825	37.4229	81.4938	PPNR	1.2	1.5	8.0 +	1.22 -	0.18 -	6.60	1714.	50.	5.
1314	0000	-825	37.4224	81.4938	PPNR	1.2	1.5	7.6 +	1.21 -	0.19 -	6.30	1656.	50.	6.
1315	0000	-825	37.4220	81.4939	PPNR	1.1	1.5	6.9	1.30 -	0.21 -	6.18	1591.	52.	7.
1316	0000	-825	37.4215	81.4939	PPP	1.1	1.4	6.5	1.31 -	0.22	5.99	1498.	51.	7.
1317	0000	-824	37.4211	81.4939	PPP	1.0	1.5	6.1	1.59	0.25	6.45	1426.	49.	7.
1318	0000	-822	37.4206	81.4939	PPP	1.0	1.9	6.0	1.99	0.32	6.27	1413.	50.	7.
1319	0000	-820	37.4202	81.4939	PPP	1.0	2.1	6.3	2.12	0.34	6.33	1459.	49.	7.
1320	0000	-818	37.4197	81.4940	PPP	1.0	2.5 +	6.4	2.41	0.39 +	6.22	1504.	51.	6.
1321	0000	-817	37.4193	81.4940	PPP	1.1	2.2	6.7	2.05	0.33	6.25	1546.	51.	6.
1322	0000	-815	37.4189	81.4941	PPP	1.2	2.3	6.9	1.97	0.33	5.90	1599.	48.	6.
1323	0000	-817	37.4184	81.4941	PPP	1.2	2.1	6.9	1.78	0.31	5.82	1626.	48.	7.
1324	0000	-820	37.4179	81.4941	PPP	1.2	2.0	7.0	1.65	0.29	5.67	1638.	48.	6.
1325	0000	-821	37.4175	81.4941	PPP	1.2	1.7	6.6	1.39	0.26	5.39	1614.	51.	7.
1326	0000	-819	37.4171	81.4941	PPP	1.2	1.4	6.3	1.14 -	0.22	5.24 -	1570.	51.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-820	37.4166	81.4942		PPP	1.3	1.2 -	6.3	0.97 -	0.19 -	5.05 -	1550.	49.	7.
1328	0000	-822	37.4162	81.4942		PPP	1.2	1.5	6.7	1.20 -	0.22	5.36 -	1553.	48.	6.
1329	0000	-825	37.4157	81.4942		PPP	1.2	1.4	6.6	1.17 -	0.22	5.41	1528.	51.	5.
1330	0000	-824	37.4153	81.4942		PPP	1.2	1.6	6.3	1.35	0.26	5.27 -	1495.	51.	4.
1331	0000	-821	37.4148	81.4943		PPP	1.2	1.7	5.9	1.43	0.28	5.07 -	1447.	50.	3.
1332	0000	-821	37.4144	81.4943		PPP	1.1	1.6	6.3	1.48	0.26	5.72	1397.	48.	2.
1333	0000	-822	37.4140	81.4944		PPNR	1.1	1.5	5.9	1.32 -	0.25	5.32 -	1355.	48.	2.
1334	0000	-823	37.4135	81.4944		PPNR	1.0	1.6	5.6	1.52	0.28	5.49	1312.	49.	1.
1335	0000	-822	37.4131	81.4944		PPNR	1.0	1.4	5.4	1.45	0.27	5.46	1262.	51.	1.
1336	0000	-822	37.4126	81.4945		PPNR	0.9	1.4	5.2	1.49	0.27	5.42	1236.	51.	2.
1337	0000	-821	37.4121	81.4945		PPNR	1.0	1.3	5.3	1.32 -	0.24	5.52	1216.	53.	2.
1338	0000	-821	37.4117	81.4945		PPNR	0.9	1.3	5.2	1.43	0.25	5.62	1210.	54.	2.
1339	0000	-823	37.4113	81.4945		PPNR	1.0	1.4	4.6	1.51	0.31	4.85 -	1208.	55.	2.
1340	0000	-822	37.4108	81.4946		PPNR	0.9	1.4	4.7	1.50	0.29	5.17 -	1172.	58.	2.
1341	0000	-822	37.4104	81.4946		PPNR	0.9	1.1 -	5.0	1.34	0.23	5.85	1126.	59.	2.
1342	0000	-823	37.4100	81.4946		PPNR	0.8	1.2	4.5 -	1.57	0.27	5.74	1080.	58.	2.
1343	0000	-823	37.4095	81.4946		PPNR	0.7	1.3	4.2 -	1.81	0.31	5.81	1045.	56.	2.
1344	0000	-821	37.4090	81.4947		PPNR	0.7	1.4	3.8 -	2.14	0.38 +	5.67	1011.	55.	3.
1345	0000	-820	37.4086	81.4947		PPNR	0.6 -	1.4	3.7 -	2.21	0.37	5.98	954.	57.	3.
1346	0000	-820	37.4082	81.4947		PPNR	0.5 -	1.3	3.7 -	2.46	0.36	6.83	907.	57.	3.
1347	0000	-823	37.4077	81.4948		PPNR	0.5 -	1.4	3.3 -	2.98 +	0.43 +	6.88	890.	54.	3.
1348	0000	-823	37.4072	81.4948		PPNR	0.5 -	1.5	2.8 --	3.19 +	0.55 ++	5.84	882.	53.	4.
1349	0000	-821	37.4068	81.4948		PPNR	0.5 -	1.4	3.0 --	2.77 +	0.47 +	5.96	880.	55.	4.
1350	0000	-821	37.4064	81.4948		PPNR	0.5 -	1.5	3.3 -	3.10 +	0.47 +	6.58	902.	56.	4.
1351	0000	-823	37.4059	81.4949		PPNR	0.6 -	1.4	3.6 -	2.46	0.38 +	6.46	935.	57.	4.
1352	0000	-823	37.4055	81.4949		PPNR	0.7	1.3	4.0 -	1.92	0.33	5.91	1019.	54.	4.
1353	0000	-822	37.4050	81.4950		PPNR	0.8	1.3	4.2 -	1.72	0.31	5.48	1111.	53.	4.
1354	0000	-823	37.4046	81.4949		PPNR	0.9	1.5	4.9	1.62	0.30	5.48	1215.	52.	4.
1355	0000	-824	37.4042	81.4949		PPNR	1.1	1.6	5.3	1.54	0.31	4.93 -	1321.	52.	3.
1356	0000	-823	37.4037	81.4950		PPNR	1.1	1.6	5.7	1.42	0.27	5.17 -	1371.	51.	3.
1357	0000	-819	37.4032	81.4950		PPNR	1.2	1.3	5.6	1.14 -	0.24	4.78 -	1370.	51.	4.
1358	0000	-821	37.4028	81.4951		PPNR	1.1	1.3	5.5	1.21 -	0.25	4.90 -	1348.	52.	4.
1359	0000	-822	37.4024	81.4951		PPNR	1.0	1.4	5.2	1.36	0.27	5.09 -	1285.	54.	3.
1360	0000	-822	37.4019	81.4952		PPNR	0.9	1.3	5.1	1.35	0.25	5.40 -	1212.	54.	4.
1361	0000	-823	37.4015	81.4952		PPNR	0.8	1.2	4.5 -	1.41	0.26	5.32 -	1123.	57.	3.
1362	0000	-821	37.4010	81.4952		PPNR	0.7	1.0 -	4.8	1.37	0.20 -	6.84	1042.	59.	3.
1363	0000	-821	37.4006	81.4952		PPNR	0.7	1.0 -	4.6	1.45	0.22	6.51	1039.	57.	3.
1364	0000	-821	37.4001	81.4952		PPNR	0.6	1.2	5.1	1.83	0.23	8.02 +	1065.	55.	2.
1365	0000	-821	37.3997	81.4953		PPNR	0.7	1.2	5.5	1.81	0.22	8.19 +	1084.	54.	1.
1366	0000	-820	37.3993	81.4953		PPNR	0.7	1.2	5.5	1.62	0.21	7.60	1121.	52.	1.
1367	0000	-819	37.3988	81.4954		PPNR	0.8	1.3	5.4	1.57	0.23	6.74	1160.	53.	1.
1368	0000	-820	37.3983	81.4954		PPNR	0.9	1.1 -	5.8	1.26 -	0.19 -	6.64	1201.	51.	1.
1369	0000	-822	37.3979	81.4954		PPNR	0.9	1.2	5.5	1.35	0.22	6.02	1235.	51.	1.
1370	0000	-822	37.3975	81.4954		PPNR	0.9	1.3	5.5	1.45	0.25	5.86	1253.	52.	0.
1371	0000	-820	37.3970	81.4955		PPNR	1.0	1.3	5.3	1.29 -	0.25	5.20 -	1283.	53.	0.
1372	0000	-820	37.3966	81.4955		PPNR	1.1	1.5	5.3	1.34	0.28	4.78 -	1348.	52.	0.
1373	0000	-821	37.3961	81.4955		PPNR	1.2	1.8	5.8	1.48	0.30	4.88 -	1412.	53.	0.
1374	0000	-821	37.3957	81.4955		PPNR	1.2	1.7	6.1	1.40	0.28	4.98 -	1472.	50.	1.
1375	0000	-820	37.3952	81.4955		PPNR	1.3 +	2.0	6.1	1.55	0.33	4.71 -	1560.	48.	2.
1376	0000	-820	37.3948	81.4956		PPNR	1.3 +	2.0	6.9	1.50	0.29	5.15 -	1621.	45.	3.
1377	0000	-819	37.3943	81.4956		PPNR	1.3 +	1.9	7.0	1.37	0.26	5.20 -	1603.	46.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-819	37.3939	81.4957	PPNR	1.3 +	1.9	6.8	1.50	0.28	5.35 -	1552.	47.	5.
1379	0000	-819	37.3935	81.4957	PPP	1.2	1.7	6.5	1.42	0.26	5.46	1493.	50.	6.
1380	0000	-819	37.3930	81.4958	PPP	1.1	1.7	6.3	1.55	0.27	5.77	1447.	50.	6.
1381	0000	-817	37.3925	81.4958	PPP	1.0	1.7	6.6	1.62	0.25	6.42	1414.	54.	5.
1382	0000	-817	37.3922	81.4958	PPP	1.0	1.7	7.2	1.71	0.24	7.06	1410.	57.	4.
1383	0000	-819	37.3917	81.4958	PPP	1.0	1.9	7.0	1.79	0.26	6.78	1404.	56.	3.
1384	0000	-819	37.3912	81.4958	PPP	1.0	2.1	6.8	2.01	0.31	6.52	1415.	53.	2.
1385	0000	-819	37.3908	81.4959	PPNR	1.1	1.9	6.9	1.79	0.28	6.40	1432.	52.	1.
1386	0000	-818	37.3904	81.4959	PPNR	1.1	2.0	7.1	1.84	0.28	6.64	1450.	50.	0.
1387	0000	-819	37.3899	81.4960	PPNR	1.1	1.9	7.0	1.68	0.26	6.33	1450.	50.	0.
1388	0000	-819	37.3895	81.4960	PPNR	1.1	2.1	6.7	1.88	0.31	6.06	1456.	48.	0.
1389	0000	-820	37.3890	81.4960	PPNR	1.0	2.0	6.1	2.07	0.33	6.22	1378.	47.	0.
1390	0000	-820	37.3886	81.4960	PPNR	0.9	1.9	5.8	2.06	0.33	6.25	1321.	47.	0.
1391	0000	-820	37.3881	81.4960	PPNR	0.9	1.8	6.1	2.03	0.30	6.69	1318.	51.	0.
1392	0000	-820	37.3877	81.4961	PPNR	0.9	1.9	6.3	2.12	0.30	7.03	1355.	50.	0.
1393	0000	-821	37.3872	81.4961	PPNR	0.9	2.0	6.2	2.17	0.32	6.69	1371.	51.	0.
1394	0000	-821	37.3868	81.4962	PPNR	0.9	1.9	6.1	2.06	0.31	6.56	1362.	52.	0.
1395	0000	-819	37.3864	81.4962	PPNR	0.9	1.9	6.0	2.03	0.31	6.48	1339.	54.	0.
1396	0000	-821	37.3859	81.4962	PPNR	0.9	1.8	6.1	1.94	0.30	6.48	1348.	56.	0.
1397	0000	-820	37.3854	81.4962	PPNR	0.9	2.1	6.3	2.25	0.34	6.67	1414.	58.	0.
1398	0000	-818	37.3850	81.4963	PPNR	1.0	2.4 +	6.2	2.30	0.38 +	6.02	1477.	58.	0.
1399	0000	-818	37.3846	81.4963	PPNR	1.1	2.5 +	6.5	2.14	0.38 +	5.63	1536.	60.	0.
1400	0000	-819	37.3841	81.4964	PPNR	1.2	2.6 +	6.6	2.19	0.40 +	5.47	1574.	59.	1.
1401	0000	-819	37.3837	81.4964	PPNR	1.3 +	2.8 ++	7.1	2.24	0.40 +	5.60	1639.	58.	1.
1402	0000	-818	37.3832	81.4964	PPNR	1.3 +	2.8 ++	7.5 +	2.14	0.38 +	5.62	1698.	55.	1.
1403	0000	-818	37.3828	81.4964	PPNR	1.4 +	2.8 ++	7.7 +	2.06	0.36	5.67	1733.	55.	1.
1404	0000	-819	37.3823	81.4964	PPNR	1.4 +	2.8 ++	7.4 +	2.01	0.39 +	5.23 -	1710.	56.	1.
1405	0000	-820	37.3819	81.4965	PPNR	1.4 +	2.5 +	7.5 +	1.81	0.33	5.45	1666.	55.	1.
1406	0000	-820	37.3814	81.4965	PPNR	1.2 +	2.4 +	6.8	1.92	0.35	5.42	1551.	54.	1.
1407	0000	-820	37.3810	81.4965	PPNR	1.2	2.1	6.7	1.82	0.32	5.69	1477.	54.	1.
1408	0000	-820	37.3806	81.4965	PPNR	1.1	1.9	6.4	1.72	0.30	5.81	1408.	53.	1.
1409	0000	-818	37.3801	81.4966	PPNR	1.0	1.8	5.8	1.76	0.30	5.82	1335.	52.	1.
1410	0000	-817	37.3796	81.4966	PPNR	1.0	1.6	5.5	1.61	0.29	5.49	1291.	51.	1.
1411	0000	-818	37.3792	81.4966	PPNR	0.9	1.4	5.5	1.51	0.25	5.98	1229.	51.	1.
1412	0000	-819	37.3788	81.4967	PPNR	0.9	1.4	5.2	1.58	0.26	6.03	1171.	50.	1.
1413	0000	-819	37.3783	81.4967	PPNR	0.9	1.5	5.1	1.68	0.29	5.69	1171.	49.	1.
1414	0000	-818	37.3779	81.4967	PPNR	0.8	1.6	5.0	1.94	0.32	5.99	1152.	51.	0.
1415	0000	-817	37.3774	81.4967	PPP	0.8	1.6	4.9 -	1.90	0.32	6.02	1110.	53.	0.
1416	0000	-817	37.3770	81.4968	PPP	0.8	1.5	4.9 -	1.82	0.30	6.07	1071.	55.	0.
1417	0000	-818	37.3765	81.4968	PPP	0.7	1.5	4.6 -	2.11	0.33	6.38	1012.	57.	0.
1418	0000	-818	37.3761	81.4969	PPP	0.7	1.3	4.7 -	1.85	0.29	6.45	992.	55.	0.
1419	0000	-817	37.3757	81.4969	PPP	0.7 -	1.5	4.6 -	2.18	0.32	6.87	978.	58.	1.
1420	0000	-818	37.3752	81.4969	PPP	0.6 -	1.3 -	4.8 -	1.99	0.27	7.48	963.	58.	1.
1421	0000	-819	37.3747	81.4970	PPP	0.7 -	1.2 -	4.7 -	1.82	0.26	7.01	960.	57.	2.
1422	0000	-820	37.3743	81.4970	PPP	0.6 -	1.3	4.3 -	2.13	0.30	6.99	979.	56.	3.
1423	0000	-820	37.3739	81.4970	PPP	0.6 -	1.5	4.5 -	2.47	0.33	7.58	1014.	56.	3.
1424	0000	-819	37.3734	81.4970	PPP	0.7	1.3 -	4.7 -	1.87	0.27	6.84	1063.	54.	5.
1425	0000	-818	37.3730	81.4971	PPP	0.7	1.4	4.6 -	1.86	0.30	6.26	1083.	54.	6.
1426	0000	-819	37.3725	81.4971	PPP	0.8	1.3 -	4.6 -	1.65	0.28	5.93	1103.	53.	6.
1427	0000	-820	37.3721	81.4971	PPP	0.8	1.3 -	4.6 -	1.66	0.27	6.06	1100.	55.	6.
1428	0000	-819	37.3717	81.4971	PPP	0.8	1.2 -	4.6 -	1.57	0.26	6.04	1091.	57.	7.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
						VALUES AND STATISTICAL SIGNIFICANCES								
1429	0000	-818	37.3712	81.4971	PPP	0.7	1.3	4.6 -	1.79	0.29	6.21	1080.	56.	6.
1430	0000	-819	37.3707	81.4972	PPP	0.8	1.3	4.4 -	1.68	0.30	5.64	1049.	55.	5.
1431	0000	-820	37.3703	81.4972	PPP	0.7	1.3	4.3 -	1.90	0.31	6.12	1037.	57.	5.
1432	0000	-820	37.3699	81.4973	PPP	0.7	1.4	4.7 -	2.05	0.30	6.85	1045.	57.	4.
1433	0000	-819	37.3694	81.4973	PPP	0.7	1.3	5.1	1.88	0.26	7.12	1060.	58.	3.
1434	0000	-819	37.3690	81.4974	PPP	0.8	1.4	5.0	1.92	0.29	6.62	1105.	58.	4.
1435	0000	-818	37.3685	81.4974	PPP	0.8	1.6	5.3	2.04	0.30	6.70	1163.	55.	3.
1436	0000	-818	37.3681	81.4974	PPP	0.9	1.7	5.4	1.89	0.31	6.11	1211.	56.	3.
1437	0000	-818	37.3676	81.4974	PPP	1.0	1.4	5.8	1.49	0.25	6.03	1271.	55.	4.
1438	0000	-819	37.3672	81.4974	PPP	1.0	1.8	5.9	1.69	0.30	5.66	1330.	54.	3.
1439	0000	-818	37.3668	81.4975	PPP	1.1	1.8	5.6	1.66	0.32	5.21 -	1375.	54.	3.
1440	0000	-818	37.3663	81.4975	PPP	1.1	1.9	5.5	1.65	0.34	4.88 -	1420.	52.	3.
1441	0000	-817	37.3659	81.4976	PPP	1.2	2.1	5.6	1.79	0.38 +	4.76 -	1465.	52.	3.
1442	0000	-816	37.3654	81.4975	PPP	1.3	2.1	5.6	1.68	0.38 +	4.46 -	1516.	50.	3.
1443	0000	-816	37.3650	81.4976	PPP	1.3	2.1	6.0	1.66	0.35	4.67 -	1569.	51.	2.
1444	0000	-819	37.3645	81.4976	PPP	1.3	2.5 +	6.0	1.94	0.42 +	4.60 -	1643.	52.	2.
1445	0000	-820	37.3641	81.4977	PPP	1.3	2.8 +	6.5	2.16	0.44 +	4.97 -	1725.	52.	1.
1446	0000	-819	37.3636	81.4977	PPP	1.4 +	2.9 ++	6.9	2.06	0.42 +	4.90 -	1821.	51.	1.
1447	0000	-819	37.3632	81.4977	PPP	1.4 +	3.2 ++	7.8	2.21	0.41 +	5.44	1897.	52.	1.
1448	0000	-818	37.3627	81.4977	PPP	1.5 +	2.9 +	8.6 +	1.95	0.33	5.85 •	1923.	51.	1.
1449	0000	-818	37.3624	81.4977	PPP	1.4 +	2.9 +	8.6 +	2.06	0.33	6.17	1925.	56.	2.
1450	0000	-817	37.3619	81.4977	PPP	1.3	2.7 +	8.5 +	1.98	0.31	6.32	1871.	56.	2.
1451	0000	-818	37.3615	81.4977	PPP	1.3	2.3	8.4 +	1.82	0.28	6.59	1762.	57.	3.
1452	0000	-819	37.3610	81.4977	PPP	1.2	1.8	7.7	1.53	0.24	6.47	1614.	57.	3.
1453	0000	-818	37.3606	81.4977	PPP	1.0	1.6	7.1	1.53	0.22	6.96	1451.	57.	3.
1454	0000	-817	37.3602	81.4978	PPP	0.9	1.5	6.1	1.67	0.25	6.75	1322.	54.	3.
1455	0000	-819	37.3598	81.4978	PPP	0.8	1.4	5.5	1.79	0.26	6.84	1215.	55.	3.
1456	0000	-820	37.3594	81.4978	PPNR	0.8	1.3	5.4	1.59	0.24	6.75	1131.	52.	3.
1457	0000	-818	37.3589	81.4978	PPNR	0.8	1.1 -	5.4	1.44	0.21 -	7.03	1121.	53.	3.
1458	0000	-818	37.3585	81.4978	PPNR	0.8	1.2	5.5	1.43	0.21	6.66	1147.	52.	3.
1459	0000	-820	37.3581	81.4978	PPNR	0.9	1.3	5.5	1.40	0.23	6.15	1197.	52.	3.
1460	0000	-819	37.3576	81.4978	PPNR	1.0	1.4	5.7	1.40	0.24	5.73	1280.	53.	4.
1461	0000	-816	37.3572	81.4978	PPNR	1.1	1.2	6.0	1.06 -	0.20 -	5.29 -	1338.	55.	4.
1462	0000	-818	37.3568	81.4978	PPNR	1.2	1.2	6.3	1.01 -	0.19 -	5.41	1401.	53.	4.
1463	0000	-820	37.3564	81.4978	PPNR	1.1	1.5	6.4	1.37	0.24	5.77	1440.	54.	4.
1464	0000	-819	37.3559	81.4978	PPP	1.2	1.5	6.6	1.31 -	0.23	5.63	1470.	53.	5.
1465	0000	-820	37.3555	81.4978	PPP	1.1	1.7	6.9	1.45	0.24	6.04	1515.	53.	6.
1466	0000	-821	37.3551	81.4978	PPP	1.1	1.6	7.0	1.45	0.23	6.25	1544.	54.	6.
1467	0000	-820	37.3547	81.4978	PPP	1.1	1.4	7.1	1.22 -	0.19 -	6.33	1554.	54.	7.
1468	0000	-821	37.3543	81.4979	PPP	1.1	1.6	7.0	1.45	0.22	6.48	1576.	53.	8.
1469	0000	-823	37.3538	81.4979	PPP	1.1	1.8	7.0	1.63	0.26	6.25	1630.	54.	8.
1470	0000	-823	37.3534	81.4979	PPP	1.2	2.0	7.2	1.59	0.27	5.85	1727.	52.	8.
1471	0000	-823	37.3530	81.4979	PPP	1.3	2.3	7.2	1.78	0.31	5.68	1795.	52.	7.
1472	0000	-821	37.3525	81.4979	PPP	1.4	2.3	6.9	1.66	0.33	5.05 -	1835.	52.	7.
1473	0000	-812	37.3521	81.4979	PPP	1.4	2.3	7.5	1.68	0.30	5.50	1864.	51.	6.
1474	0000	-808	37.3517	81.4979	PPP	1.4	2.6 +	7.6	1.88	0.34	5.55	1865.	51.	5.
1475	0000	-810	37.3513	81.4979	PPP	1.4	2.4 +	7.7	1.74	0.31	5.60	1850.	52.	5.
1476	0000	-813	37.3508	81.4979	PPP	1.4	2.2	7.8	1.60	0.28	5.68	1782.	50.	5.
1477	0000	-815	37.3504	81.4979	PPP	1.3	1.7	7.7	1.35	0.23	5.97	1684.	50.	5.
1478	0000	-815	37.3500	81.4979	PPP	1.2	1.5	7.4	1.21 -	0.20 -	6.08	1596.	49.	5.
1479	0000	-817	37.3495	81.4979	PPP	1.1	1.4	7.2	1.24 -	0.19 -	6.59	1491.	47.	5.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-820	37.3492	81.4979	PPP	1.0	1.2 -	6.2	1.19 -	0.20 -	5.97	1379.	47.	6.
1481	0000	-821	37.3487	81.4980	MBP	0.9	1.0 -	5.8	1.06 --	0.17 -	6.21 -	1282.	47.	5.
1482	0000	-820	37.3483	81.4980	MBP	0.9	1.1 -	5.3	1.27 -	0.20	6.21 -	1198.	47.	4.
1483	0000	-820	37.3479	81.4980	MBP	0.8	1.1 -	4.4 -	1.45 -	0.25	5.72 -	1126.	48.	5.
1484	0000	-821	37.3474	81.4980	MBP	0.8	0.9 -	4.2 -	1.22 -	0.22	5.52 -	1064.	51.	4.
1485	0000	-821	37.3470	81.4980	MBP	0.7	1.1 -	4.0 -	1.59	0.27	5.84 -	1014.	52.	4.
1486	0000	-821	37.3466	81.4980	MBP	0.7	1.1 -	4.0 -	1.66	0.28	5.97 -	979.	56.	2.
1487	0000	-821	37.3462	81.4980	MBP	0.7	1.3	4.2 -	1.94	0.31	6.32 -	972.	55.	1.
1488	0000	-822	37.3457	81.4980	MBP	0.7	1.3	4.0 -	1.84	0.31	5.91 -	961.	55.	2.
1489	0000	-821	37.3453	81.4980	MBP	0.7	1.2	4.0 -	1.84	0.30	6.10 -	963.	55.	2.
1490	0000	-821	37.3449	81.4980	MBP	0.7	1.2	4.3 -	1.85	0.29	6.40 -	991.	56.	1.
1491	0000	-822	37.3444	81.4980	MBP	0.7	1.4	4.3 -	2.03	0.32	6.37 -	1012.	57.	1.
1492	0000	-821	37.3440	81.4980	MBP	0.7	1.4	4.1 -	1.87	0.33	5.59 -	1052.	56.	1.
1493	0000	-821	37.3436	81.4980	MBP	0.8	1.6	4.1 -	2.06	0.38 +	5.42 --	1093.	56.	1.
1494	0000	-823	37.3432	81.4981	MBP	0.8	1.5	4.4 -	1.95	0.35	5.56 -	1135.	57.	2.
1495	0000	-823	37.3428	81.4981	MBP	0.8	1.7	5.0	2.20	0.34	6.39 -	1177.	57.	1.
1496	0000	-822	37.3423	81.4981	MBP	0.8	1.6	5.1	1.93	0.31	6.31 -	1197.	58.	2.
1497	0000	-822	37.3419	81.4981	MBP	0.8	1.7	5.2	2.08	0.32	6.50 -	1198.	56.	3.
1498	0000	-823	37.3415	81.4981	MBP	0.8	1.5	5.0	1.87	0.30	6.22 -	1191.	55.	4.
1499	0000	-822	37.3410	81.4981	MBP	0.8	1.4	5.1	1.82	0.28	6.59 -	1189.	55.	5.
1500	0000	-822	37.3406	81.4981	MBP	0.8	1.1 -	5.2	1.37 -	0.21	6.40 -	1185.	54.	7.
1501	0000	-821	37.3402	81.4982	PPP	0.8	1.0 -	5.3	1.17 -	0.18 -	6.44	1194.	54.	8.
1502	0000	-821	37.3398	81.4982	PPP	0.8	1.0 -	5.1	1.17 -	0.19 -	6.12	1214.	54.	8.
1503	0000	-822	37.3393	81.4982	PPP	0.8	1.0 -	5.5	1.17 -	0.18 -	6.43	1231.	54.	7.
1504	0000	-823	37.3389	81.4982	PPP	0.9	1.0 -	5.5	1.09 -	0.18 -	6.18	1267.	56.	6.
1505	0000	-822	37.3385	81.4982	PPP	0.9	1.4	5.5	1.52	0.25	6.17	1323.	55.	5.
1506	0000	-821	37.3381	81.4982	PPP	0.9	1.4	5.6	1.53	0.25	5.99	1357.	55.	4.
1507	0000	-822	37.3377	81.4982	PPP	0.9	1.8	5.6	2.09	0.32	6.49	1372.	52.	2.
1508	0000	-821	37.3372	81.4982	PPP	0.9	2.0	5.3	2.25	0.37 +	6.09	1363.	54.	1.
1509	0000	-819	37.3368	81.4982	PPP	0.9	2.1	5.3	2.26	0.39 +	5.76	1359.	53.	1.
1510	0000	-819	37.3363	81.4982	PPP	0.9	2.2	5.3	2.44	0.42 +	5.84	1354.	53.	0.
1511	0000	-820	37.3359	81.4982	PPP	0.9	2.2	5.2	2.41	0.42 +	5.78	1334.	52.	0.
1512	0000	-819	37.3355	81.4982	PPP	0.9	2.1	5.5	2.32	0.38 +	6.17	1305.	53.	0.
1513	0000	-821	37.3351	81.4982	PPP	0.8	2.2	5.2	2.59 +	0.41 +	6.25	1263.	53.	0.
1514	0000	-822	37.3347	81.4983	PPP	0.9	1.8	5.4	2.08	0.33	6.24	1232.	54.	0.
1515	0000	-819	37.3342	81.4983	PPP	0.8	1.8	5.3	2.15	0.33	6.54	1179.	55.	0.
1516	0000	-820	37.3338	81.4983	PPP	0.7	1.5	5.2	2.04	0.29	7.05	1130.	55.	0.
1517	0000	-822	37.3334	81.4983	PPP	0.8	1.3 -	5.1	1.67	0.25	6.65	1098.	53.	1.
1518	0000	-821	37.3330	81.4983	PPP	0.7	1.3 -	5.2	1.68	0.24	6.97	1095.	54.	2.
1519	0000	-821	37.3326	81.4983	PPP	0.8	1.3 -	5.1	1.56	0.25	6.24	1121.	53.	2.
1520	0000	-823	37.3321	81.4983	PPP	0.9	1.1 -	5.3	1.27 -	0.21 -	6.10	1175.	53.	4.
1521	0000	-824	37.3317	81.4983	PPP	1.0	1.2 -	5.5	1.17 -	0.21 -	5.46	1290.	55.	5.
1522	0000	-826	37.3312	81.4983	PPP	1.2	1.0 -	6.1	0.84 --	0.16 --	5.20 -	1428.	53.	7.
1523	0000	-828	37.3308	81.4983	MBP	1.3 ++	1.1 -	6.6	0.85 --	0.17 -	5.11 --	1535.	53.	8.
1524	0000	-827	37.3304	81.4983	MBP	1.4 ++	1.2	6.8	0.88 --	0.18 -	4.81 --	1659.	54.	9.
1525	0000	-828	37.3300	81.4983	MBP	1.5 +++	1.3	7.0	0.88 --	0.19 -	4.69 --	1763.	53.	9.
1526	0000	-828	37.3296	81.4983	MBP	1.5 +++	1.2 -	7.0	0.79 --	0.17 -	4.76 --	1778.	54.	9.
1527	0000	-829	37.3291	81.4983	MBP	1.5 +++	1.3 -	7.5 +	0.87 --	0.18 -	4.89 --	1785.	54.	8.
1528	0000	-828	37.3287	81.4984	PPP	1.5 +	1.5	6.9	1.06 -	0.22	4.74 -	1725.	52.	6.
1529	0000	-826	37.3282	81.4984	PPP	1.3	1.8	6.4	1.35	0.28	4.77 -	1627.	52.	4.
1530	0000	-824	37.3279	81.4984	PPP	1.3	1.7	6.1	1.38	0.28	4.90 -	1532.	54.	3.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-824	37.3274	81.4984	PPP	1.1	1.7	6.0	1.57	0.29	5.45	1417.	53.	2.
1532	0000	-822	37.3270	81.4984	PPP	1.0	1.6	5.7	1.60	0.28	5.67	1296.	52.	1.
1533	0000	-823	37.3266	81.4984	PPP	0.9	1.6	5.6	1.69	0.28	6.09	1229.	52.	0.
1534	0000	-824	37.3261	81.4984	PPP	0.8	1.5	5.1	1.87	0.30	6.28	1145.	51.	0.
1535	0000	-823	37.3257	81.4984	PPP	0.8	1.3 -	5.3	1.67	0.24	6.95	1081.	52.	0.
1536	0000	-823	37.3253	81.4984	PPP	0.7	1.1 -	5.4	1.49	0.20 -	7.30	1066.	52.	1.
1537	0000	-823	37.3249	81.4984	PPP	0.7	1.3 -	5.3	1.80	0.24	7.56	1064.	52.	1.
1538	0000	-823	37.3245	81.4984	PPP	0.7	1.3	4.8 -	1.86	0.28	6.62	1071.	53.	1.
1539	0000	-824	37.3240	81.4984	PPP	0.8	1.4	4.8 -	1.82	0.29	6.25	1095.	54.	2.
1540	0000	-823	37.3236	81.4984	PPP	0.9	1.4	4.9 -	1.67	0.29	5.68	1137.	56.	3.
1541	0000	-822	37.3231	81.4985	PPP	1.0	1.2 -	5.5	1.22 -	0.22	5.49	1227.	57.	3.
1542	0000	-823	37.3227	81.4985	PPP	1.1	1.4	5.7	1.31 -	0.25	5.28 -	1312.	55.	4.
1543	0000	-822	37.3223	81.4985	PPP	1.1	1.7	5.9	1.55	0.29	5.37 -	1396.	56.	3.
1544	0000	-822	37.3219	81.4985	PPP	1.2	1.6	6.3	1.35	0.26	5.18 -	1499.	57.	4.
1545	0000	-825	37.3215	81.4985	PPP	1.3	1.7	7.3	1.32	0.24	5.56	1596.	55.	3.
1546	0000	-825	37.3210	81.4985	PPP	1.4	1.8	8.0 +	1.34	0.23	5.81	1672.	54.	2.
1547	0000	-826	37.3206	81.4985	PPP	1.4	1.8	8.2 +	1.29 -	0.22	5.93	1700.	53.	2.
1548	0000	-829	37.3202	81.4986	PPP	1.3	1.9	7.8	1.44	0.24	5.88	1708.	50.	3.
1549	0000	-830	37.3198	81.4986	PPP	1.3	2.0	7.5	1.49	0.26	5.71	1716.	52.	3.
1550	0000	-830	37.3194	81.4986	PPP	1.4	1.8	7.9	1.30 -	0.23	5.74	1736.	50.	3.
1551	0000	-830	37.3189	81.4986	PPP	1.3	1.8	7.7	1.36	0.24	5.68	1711.	51.	3.
1552	0000	-830	37.3185	81.4986	PPP	1.2	1.9	6.9	1.51	0.27	5.54	1658.	50.	3.
1553	0000	-829	37.3180	81.4986	PPP	1.2	1.9	6.3	1.58	0.29	5.38	1596.	49.	4.
1554	0000	-829	37.3176	81.4986	PPP	1.1	2.2	5.9	1.91	0.37 +	5.24 -	1554.	49.	3.
1555	0000	-830	37.3172	81.4986	PPP	1.1	2.3	5.8	2.10	0.39 +	5.32 -	1512.	51.	2.
1556	0000	-829	37.3168	81.4986	PPP	1.0	2.4 +	5.9	2.29	0.41 +	5.64	1480.	51.	1.
1557	0000	-829	37.3164	81.4986	PPP	1.0	2.4 +	5.7	2.37	0.42 +	5.66	1450.	51.	1.
1558	0000	-830	37.3159	81.4986	PPP	1.0	2.6 +	5.4	2.59 +	0.47 ++	5.48	1443.	49.	1.
1559	0000	-831	37.3155	81.4986	MBP	1.0 +	2.4 +	6.2	2.42	0.39 +	6.12 -	1466.	47.	1.
1560	0000	-830	37.3151	81.4986	MBP	1.0 +	2.4 +	6.7	2.47	0.36 +	6.84 -	1492.	47.	1.
1561	0000	-830	37.3147	81.4987	MBP	1.0	2.2 +	7.0	2.28	0.32	7.23	1487.	47.	2.
1562	0000	-830	37.3142	81.4987	MBP	0.9	2.1 +	6.8	2.43	0.31	7.71	1442.	49.	2.
1563	0000	-831	37.3138	81.4987	MBP	0.8	2.1	6.9	2.55	0.30	8.51	1391.	49.	2.
1564	0000	-831	37.3134	81.4987	MBP	0.8	2.1	6.4	2.53	0.32	7.89	1352.	48.	3.
1565	0000	-830	37.3129	81.4987	MBP	0.8	2.0	6.8	2.50	0.29	8.54	1339.	47.	3.
1566	0000	-831	37.3125	81.4987	MBP	0.8	1.9	6.4	2.37	0.30	7.90	1310.	49.	3.
1567	0000	-833	37.3121	81.4987	MBP	0.8	2.0	6.0	2.45	0.33	7.39	1306.	51.	4.
1568	0000	-833	37.3117	81.4987	MBP	0.8	1.9	6.2	2.36	0.31	7.58	1335.	51.	4.
1569	0000	-832	37.3113	81.4987	MBP	0.9	1.8	6.3	1.97	0.28	6.94	1377.	51.	4.
1570	0000	-833	37.3108	81.4987	MBP	1.0 +	1.6	6.2	1.62	0.26	6.19 -	1414.	51.	4.
1571	0000	-832	37.3104	81.4987	MBP	1.0 +	1.7	6.6	1.61	0.25	6.39 -	1429.	53.	4.
1572	0000	-832	37.3100	81.4987	MBP	1.0 +	1.5	6.5	1.42 -	0.23	6.28 -	1410.	54.	4.
1573	0000	-832	37.3095	81.4987	MBP	1.0 +	1.6	6.4	1.60	0.25	6.46 -	1419.	54.	4.
1574	0000	-831	37.3091	81.4987	MBP	1.0 +	1.5	6.2	1.48 -	0.24	6.06 -	1400.	55.	4.
1575	0000	-833	37.3087	81.4988	MBP	1.0 +	1.5	5.9	1.53 -	0.26	5.88 -	1378.	53.	4.
1576	0000	-833	37.3083	81.4988	MBP	1.0 +	1.6	5.9	1.66	0.28	6.01 -	1364.	50.	4.
1577	0000	-832	37.3078	81.4988	MBP	0.9	1.7	5.9	1.76	0.28	6.27 -	1347.	50.	4.
1578	0000	-832	37.3074	81.4988	MBP	0.9	1.5	5.7	1.63	0.27	6.08 -	1346.	49.	4.
1579	0000	-831	37.3070	81.4988	MBP	0.9	1.6	5.7	1.74	0.28	6.19 -	1345.	51.	3.
1580	0000	-831	37.3065	81.4988	MBP	1.0	1.5	5.4	1.54 -	0.27	5.67 -	1336.	51.	3.
1581	0000	-833	37.3062	81.4988	PPP	1.0	1.4	5.6	1.46	0.26	5.72	1348.	5[illegible]	3.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-835	37.3057	81.4988		PPP	1.1	1.5	5.7	1.45	0.27	5.36 -	1381.	54.	2.
1583	0000	-833	37.3053	81.4988		PPP	1.1	1.6	6.2	1.41	0.25	5.56	1435.	55.	2.
1584	0000	-833	37.3049	81.4988		PPP	1.2	1.7	6.7	1.36	0.25	5.41	1519.	55.	1.
1585	0000	-834	37.3044	81.4988		PPP	1.2	1.9	7.0	1.52	0.27	5.57	1575.	55.	0.
1586	0000	-835	37.3040	81.4988		PPP	1.4	2.1	7.0	1.53	0.29	5.21 -	1650.	54.	0.
1587	0000	-835	37.3036	81.4988		PPP	1.4 +	2.2	7.5	1.55	0.29	5.30 -	1716.	57.	0.
1588	0000	-835	37.3032	81.4989		PPP	1.5 +	2.3	7.7	1.56	0.30	5.19 -	1799.	56.	1.
1589	0000	-835	37.3027	81.4989		PPP	1.5 +	2.5 +	8.1 +	1.66	0.31	5.42	1867.	58.	2.
1590	0000	-833	37.3023	81.4989		PPP	1.6 +	2.4 +	8.2 +	1.54	0.29	5.22 -	1925.	60.	3.
1591	0000	-834	37.3019	81.4989		PPP	1.6 +	2.5 +	8.4 +	1.63	0.30	5.42	1977.	61.	4.
1592	0000	-833	37.3014	81.4989		PPP	1.6 +	2.6 +	8.7 +	1.64	0.30	5.42	2033.	62.	5.
1593	0000	-831	37.3010	81.4989		PPP	1.6 +	2.6 +	8.7 +	1.57	0.29	5.37 -	2038.	64.	6.
1594	0000	-832	37.3006	81.4989		PPP	1.6 +	2.5 +	9.0 +	1.59	0.28	5.71	2022.	61.	6.
1595	0000	-832	37.3002	81.4989		PPP	1.5 +	2.6 +	9.1 +	1.72	0.29	5.97	1996.	61.	6.
1596	0000	-834	37.2998	81.4989		PPP	1.5 +	2.4 +	8.9 +	1.57	0.27	5.86	1960.	59.	6.
1597	0000	-835	37.2993	81.4989		PPP	1.4 +	2.6 +	8.4 +	1.82	0.31	5.94	1872.	58.	5.
1598	0000	-834	37.2989	81.4989		PPP	1.3	2.2	7.8	1.68	0.29	5.86	1756.	60.	4.
1599	0000	-834	37.2985	81.4989		PPP	1.3	2.2	7.4	1.71	0.29	5.91	1663.	56.	3.
1600	0000	-835	37.2980	81.4989		PPP	1.2	2.0	7.6	1.65	0.26	6.34	1635.	56.	2.
1601	0000	-834	37.2976	81.4990		PPP	1.2	2.0	7.0	1.62	0.28	5.72	1614.	56.	2.
1602	0000	-834	37.2972	81.4990		PPP	1.2	1.7	7.0	1.43	0.25	5.82	1569.	54.	1.
1603	0000	-835	37.2968	81.4990		PPP	1.2	1.8	7.0	1.50	0.25	6.05	1539.	54.	1.
1604	0000	-836	37.2963	81.4990		PPP	1.2	1.6	7.2	1.34	0.22	6.09	1546.	54.	1.
1505	0000	-837	37.2959	81.4990		PPP	1.2	1.7	7.4	1.46	0.24	6.20	1572.	53.	1.
1606	0000	-836	37.2955	81.4990		PPP	1.2	1.5	7.2	1.20 -	0.20 -	5.96	1565.	57.	2.
1607	0000	-835	37.2951	81.4990		PPP	1.2	1.4	6.7	1.20 -	0.20 -	5.85	1514.	57.	3.
1608	0000	-836	37.2947	81.4991		PPP	1.1	1.2 -	7.1	1.05 -	0.16 --	6.43	1478.	57.	4.
1609	0000	-836	37.2942	81.4991		PPP	1.1	1.1 -	7.0	1.00 -	0.16 --	6.31	1472.	56.	5.
1610	0000	-835	37.2938	81.4991		PPP	1.1	1.1 -	6.8	1.04 -	0.16 --	6.35	1437.	57.	6.
1611	0000	-835	37.2934	81.4991		PPP	1.0	1.0 -	6.9	0.99 -	0.14 --	6.84	1399.	58.	7.
1612	0000	-837	37.2929	81.4991		PPP	1.0	0.8 -	6.4	0.84 --	0.13 ---	6.54	1334.	60.	9.
1613	0000	-836	37.2925	81.4991		PPP	0.9	0.9 -	6.4	0.93 --	0.13 --	7.01	1287.	57.	8.
1614	0000	-836	37.2921	81.4991		PPP	0.9	0.8 --	6.5	0.83 --	0.12 ---	7.15	1270.	58.	9.
1615	0000	-836	37.2917	81.4991		PPP	0.9	0.9 -	6.5	1.05 -	0.14 --	7.48	1275.	58.	8.
1616	0000	-835	37.2912	81.4991		PPP	0.8	1.2 -	6.2	1.47	0.19 -	7.70	1246.	58.	7.
1617	0000	-837	37.2908	81.4991		PPP	0.8	1.1 -	6.1	1.39	0.19 -	7.51	1247.	58.	6.
1618	0000	-839	37.2904	81.4991		PPP	0.8	1.3	6.5	1.54	0.20 -	7.67	1289.	57.	5.
1619	0000	-839	37.2900	81.4991		MBP	0.9	1.7	7.0	1.91	0.23	8.13	1366.	55.	4.
1620	0000	-838	37.2896	81.4991		MBP	0.9	2.0	7.2	2.22	0.28	8.07	1411.	55.	3.
1621	0000	-839	37.2891	81.4992		MBP	0.9	2.2 +	7.5 +	2.34	0.29	8.11	1440.	56.	2.
1622	0000	-839	37.2887	81.4992		MBP	1.0	2.3 +	7.5	2.43	0.31	7.80	1470.	55.	1.
1623	0000	-840	37.2882	81.4992		MBP	1.0	2.2 +	7.8 +	2.27	0.28	8.11	1514.	56.	2.
1624	0000	-840	37.2878	81.4992		MBP	1.0	2.3 +	7.9 +	2.45	0.30	8.26	1549.	56.	2.
1625	0000	-840	37.2874	81.4992		MBP	1.0 +	2.2 +	7.5	2.20	0.30	7.45	1554.	55.	2.
1626	0000	-840	37.2870	81.4992		MBP	1.0 +	2.1	7.4	2.13	0.29	7.41	1560.	56.	3.
1627	0000	-841	37.2866	81.4992		MBP	1.0 +	1.8	7.7 +	1.85	0.24	7.74	1597.	56.	4.
1628	0000	-842	37.2861	81.4992		MBP	1.0 +	2.0	7.8 +	1.89	0.25	7.51	1640.	53.	4.
1629	0000	-841	37.2857	81.4992		MBP	1.1 +	1.9	7.7 +	1.73	0.24	7.09	1674.	53.	4.
1630	0000	-842	37.2853	81.4992		MBP	1.2 +	1.9	7.7 +	1.62	0.25	6.51 -	1724.	54.	5.
1631	0000	-843	37.2849	81.4992		MBP	1.3 ++	1.8	8.5 +	1.36 -	0.21	6.46 -	1794.	51.	4.
1632	0000	-845	37.2844	81.4992		MBP	1.4 ++	1.9	8.7 +	1.43 -	0.22	6.37 -	1838.	55.	4.

VALUES AND STATISTICAL SIGNIFICANCES

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-845	37.2840	81.4992		MBP	1.4 ++	1.8	8.7 +	1.23 -	0.20	6.03 -	1859.	53.	5.
1634	0000	-845	37.2836	81.4992		PPP	1.5 +	1.9	8.7 +	1.28 -	0.21 -	5.97	1860.	53.	4.
1635	0000	-844	37.2831	81.4993		PPP	1.5 +	1.8	8.7 +	1.26 -	0.21 -	5.99	1855.	53.	4.
1636	0000	-844	37.2827	81.4993		PPP	1.4 +	1.8	8.7 +	1.23 -	0.21 -	6.01	1824.	57.	4.
1637	0000	-844	37.2823	81.4993		PPP	1.4 +	1.7	8.5 +	1.15 -	0.19 -	5.92	1764.	56.	5.
1638	0000	-841	37.2819	81.4993		PPP	1.3	1.6	7.4	1.21 -	0.22 -	5.50	1641.	58.	5.
1639	0000	-840	37.2815	81.4993		PPP	1.2	1.6	6.8	1.30 -	0.23	5.70	1543.	55.	6.
1640	0000	-840	37.2810	81.4993		PPP	1.1	1.8	6.6	1.62	0.27	6.04	1485.	56.	5.
1641	0000	-840	37.2806	81.4993		PPP	1.1	1.7	6.3	1.48	0.26	5.61	1450.	58.	5.
1642	0000	-840	37.2801	81.4993		PPP	1.2	1.6	6.7	1.32 -	0.23	5.63	1484.	59.	4.
1643	0000	-839	37.2797	81.4993		PPP	1.3	1.6	7.1	1.29 -	0.23	5.59	1526.	56.	5.
1644	0000	-839	37.2793	81.4993		PPP	1.3	1.7	7.7	1.27 -	0.22 -	5.86	1620.	54.	4.
1645	0000	-839	37.2789	81.4993		PPP	1.5 +	1.9	8.2 +	1.23 -	0.23	5.34 -	1779.	56.	4.
1646	0000	-840	37.2785	81.4993		PPP	1.7 +	2.0	8.7 +	1.19 -	0.23	5.13 -	1906.	57.	3.
1647	0000	-841	37.2780	81.4993		PPP	1.8 +	2.1	9.3 +	1.18 -	0.23	5.20 -	1962.	58.	2.
1648	0000	-842	37.2776	81.4994		PPP	1.8 +	2.2	9.5 +	1.24 -	0.24	5.25 -	2003.	58.	2.
1649	0000	-843	37.2772	81.4994		PPP	1.8 +	2.3	8.7 +	1.30 -	0.27	4.87 -	1961.	58.	3.
1650	0000	-843	37.2768	81.4994		PPP	1.7 +	2.2	8.3 +	1.35	0.27	4.98 -	1899.	60.	2.
1651	0000	-842	37.2764	81.4994		PPP	1.6 +	2.2	7.6	1.42	0.29	4.92 -	1773.	62.	1.
1652	0000	-840	37.2759	81.4994		PPP	1.3	2.1	7.3	1.58	0.29	5.52	1623.	60.	1.
1653	0000	-840	37.2755	81.4994		PPP	1.2	1.8	6.9	1.55	0.27	5.82	1509.	61.	0.
1654	0000	-840	37.2750	81.4994		PPP	1.1	1.8	6.5	1.61	0.27	5.90	1439.	60.	0.
1655	0000	-840	37.2746	81.4994		PPP	1.1	1.8	6.4	1.70	0.28	5.98	1410.	59.	0.
1656	0000	-840	37.2742	81.4994		PPP	1.1	1.9	6.7	1.81	0.29	6.30	1448.	57.	-0.
1657	0000	-840	37.2738	81.4994		PPP	1.2	2.2	6.8	1.84	0.32	5.78	1531.	56.	-0.
1658	0000	-840	37.2734	81.4994		PPP	1.3	2.3	7.3	1.77	0.31	5.72	1627.	54.	0.
1659	0000	-840	37.2729	81.4994		PPP	1.4 +	2.4 +	7.4	1.66	0.32	5.14 -	1721.	55.	1.
1660	0000	-840	37.2725	81.4994		PPP	1.5 +	2.3	7.6	1.57	0.30	5.15 -	1797.	53.	2.
1661	0000	-840	37.2721	81.4994		MBP	1.6 +++	2.3 +	8.0 +	1.48 -	0.29	5.11 --	1864.	54.	3.
1662	0000	-843	37.2717	81.4995		MBP	1.6 +++	2.2 +	8.0 +	1.38 -	0.27	5.13 --	1894.	55.	6.
1663	0000	-844	37.2713	81.4995		MBP	1.5 +++	2.2 +	7.5 +	1.48 -	0.29	5.04 --	1857.	56.	8.
1664	0000	-844	37.2709	81.4995		MBP	1.4 ++	2.0	7.5 +	1.49 -	0.27	5.48 -	1794.	56.	9.
1665	0000	-846	37.2705	81.4995		MBP	1.3 ++	1.9	6.6	1.52 -	0.29	5.16 --	1743.	55.	11.
1666	0000	-845	37.2701	81.4996		MBP	1.2 +	1.9	6.8	1.62	0.28	5.83 -	1726.	54.	12.
1667	0000	-846	37.2697	81.4996		MBP	1.2 +	2.0	7.1	1.67	0.28	6.06 -	1715.	54.	13.
1668	0000	-848	37.2693	81.4997		MBP	1.1 +	1.9	7.2	1.69	0.27	6.25 -	1728.	52.	13.
1669	0000	-848	37.2689	81.4997		MBP	1.2 +	2.0	7.2	1.67	0.28	6.06 -	1751.	51.	13.
1670	0000	-847	37.2685	81.4997		MBP	1.3 ++	1.9	7.5 +	1.54 -	0.26	5.95 -	1833.	51.	13.
1671	0000	-845	37.2681	81.4997		MBP	1.4 ++	1.9	8.1 +	1.28 -	0.23	5.62 -	1924.	52.	13.
1672	0000	-846	37.2677	81.4997		MBP	1.5 +++	1.9	9.3 ++	1.30 -	0.21	6.27 -	2010.	53.	12.
1673	0000	-847	37.2673	81.4998		PPP	1.5 +	1.7	10.0 ++	1.12 -	0.17 -	6.48	2043.	55.	11.
1674	0000	-847	37.2669	81.4998		PPP	1.6 +	1.9	9.7 ++	1.23 -	0.20 -	6.21	2052.	59.	10.
1675	0000	-848	37.2665	81.4998		PPP	1.6 +	1.9	9.8 ++	1.22 -	0.20 -	6.14	2047.	58.	9.
1676	0000	-849	37.2661	81.4998		PPP	1.6 +	2.3	9.9 ++	1.43	0.23	6.21	2053.	56.	7.
1677	0000	-849	37.2657	81.5000		PPP	1.7 +	2.4 +	10.1 ++	1.43	0.23	6.11	2035.	59.	6.
1678	0000	-850	37.2653	81.5000		PPP	1.6 +	2.6 +	10.1 ++	1.63	0.26	6.37	2043.	60.	5.
1679	0000	-848	37.2649	81.5000		PPP	1.6 +	2.7 +	9.5 ++	1.68	0.28	5.98	1989.	60.	3.
1680	0000	-845	37.2645	81.5000		PPP	1.5 +	2.7 +	9.1 +	1.82	0.30	6.09	1920.	60.	2.
1681	0000	-847	37.2641	81.5001		PPP	1.4 +	2.7 +	8.7 +	1.91	0.31	6.19	1859.	58.	2.
1682	0000	-849	37.2637	81.5001		PPP	1.3	2.6 +	8.2 +	1.97	0.32	6.15	1755.	59.	2.
1683	0000	-849	37.2633	81.5001		PPP	1.2	2.2	7.5	1.83	0.30	6.11	1644.	60.	2.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-848	37.2628	81.5001	PPP	1.1	1.8	7.2	1.68	0.25	6.74	1522.	59.	4.
1685	0000	-846	37.2624	81.5001	PPNR	0.9	1.6	6.3	1.72	0.26	6.65	1368.	58.	4.
1686	0000	-848	37.2621	81.5002	PPNR	0.9	1.4	6.2	1.58	0.22	7.06	1292.	56.	6.
1687	0000	-848	37.2617	81.5002	PPNR	0.9	1.4	5.8	1.63	0.25	6.61	1264.	56.	7.
1688	0000	-846	37.2612	81.5003	PPNR	0.9	1.2	6.1	1.42	0.21 -	6.93	1258.	56.	8.
1689	0000	-848	37.2608	81.5003	PPNR	0.9	1.1 -	6.0	1.29 -	0.19 -	5.81	1271.	53.	9.
1690	0000	-848	37.2604	81.5004	PPNR	0.9	1.0 -	6.5	1.19 -	0.16 -	7.43	1274.	54.	8.
1691	0000	-846	37.2601	81.5004	PPNR	0.9	1.2 -	6.4	1.33	0.18 -	7.40	1278.	52.	8.
1692	0000	-843	37.2596	81.5004	PPNR	0.9	1.2	6.5	1.42	0.19 -	7.60	1281.	54.	7.
1693	0000	-842	37.2592	81.5004	PPNR	0.8	1.3	6.3	1.61	0.21	7.54	1293.	55.	6.
1694	0000	-843	37.2589	81.5004	PPNR	0.9	1.3	6.3	1.49	0.20 -	7.44	1288.	55.	5.
1695	0000	-845	37.2584	81.5005	PPNR	0.8	1.4	6.6	1.68	0.21	7.88	1304.	54.	4.
1696	0000	-847	37.2580	81.5005	PPNR	0.9	1.3	7.0	1.41	0.18 -	7.74	1347.	54.	4.
1697	0000	-846	37.2576	81.5006	PPNR	0.9	1.5	6.8	1.64	0.23	7.26	1394.	56.	5.
1698	0000	-845	37.2572	81.5006	PPNR	1.0	1.5	7.3	1.50	0.20 -	7.53	1445.	58.	5.
1699	0000	-845	37.2568	81.5006	PPNR	1.0	1.3	7.4 +	1.27 -	0.18 -	7.14	1495.	56.	7.
1700	0000	-847	37.2564	81.5006	PPNR	1.1	1.2	7.3	1.03 -	0.16 -	6.47	1527.	56.	8.
1701	0000	-848	37.2560	81.5007	PPNR	1.2	1.1 -	7.0	0.90 --	0.15 --	5.92	1559.	58.	9.
1702	0000	-848	37.2556	81.5007	PPNR	1.3 +	1.1 -	6.9	0.83 --	0.16 --	5.24 -	1607.	60.	10.
1703	0000	-847	37.2552	81.5007	PPNR	1.4 +	1.4	6.4	1.00 -	0.21	4.70 -	1649.	63.	11.
1704	0000	-846	37.2548	81.5007	PPNR	1.4 +	1.2 -	6.7	0.81 --	0.17 -	4.71 -	1672.	63.	11.
1705	0000	-847	37.2544	81.5007	PPNR	1.5 +	1.3	6.9	0.87 --	0.19 -	4.59 -	1708.	61.	11.
1706	0000	-848	37.2540	81.5008	PPNR	1.6 ++	1.3	7.2	0.86 --	0.19 -	4.63 -	1731.	59.	10.
1707	0000	-846	37.2536	81.5008	PPNR	1.6 ++	1.4	7.3	0.86 --	0.19 -	4.55 -	1752.	59.	10.
1708	0000	-848	37.2532	81.5009	PPNR	1.6 ++	1.7	7.9 +	1.02 -	0.21	4.83 -	1811.	56.	9.
1709	0000	-851	37.2528	81.5009	PPNR	1.7 ++	1.6	8.4 +	0.96 -	0.19 -	5.01 -	1871.	56.	9.
1710	0000	-851	37.2524	81.5010	PPNR	1.7 ++	1.7	9.3 ++	0.97 -	0.18 -	5.46	1931.	56.	8.
1711	0000	-851	37.2520	81.5010	PPNR	1.8 ++	1.9	9.2 ++	1.08 -	0.21 -	5.20 -	1977.	56.	7.
1712	0000	-851	37.2516	81.5010	PPNR	1.8 ++	2.0	9.1 ++	1.09 -	0.22	5.01 -	2045.	58.	7.
1713	0000	-850	37.2512	81.5010	PPNR	1.9 +++	2.3 +	9.0 ++	1.24 -	0.26	4.78 -	2116.	59.	6.
1714	0000	-852	37.2508	81.5011	PPNR	2.0 +++	2.7 +	9.0 ++	1.36	0.30	4.57 -	2190.	58.	5.
1715	0000	-851	37.2504	81.5011	PPNR	2.0 +++	2.6 +	9.4 ++	1.32 -	0.27	4.81 -	2212.	58.	5.
1716	0000	-852	37.2500	81.5011	PPNR	1.9 +++	2.7 +	9.5 ++	1.38	0.28	4.87 -	2215.	57.	4.
1717	0000	-852	37.2496	81.5012	PPNR	1.9 +++	2.8 ++	8.9 ++	1.47	0.32	4.65 -	2167.	57.	3.
1718	0000	-852	37.2492	81.5011	PPNR	1.8 ++	2.6 +	8.6 +	1.47	0.30	4.83 -	2054.	53.	3.
1719	0000	-853	37.2488	81.5012	PPNR	1.6 ++	2.6 +	7.7 +	1.62	0.34	4.81 -	1864.	53.	1.
1720	0000	-852	37.2484	81.5012	PPNR	1.4 +	2.3 +	7.1	1.68	0.33	5.12 -	1698.	53.	1.
1721	0000	-852	37.2480	81.5013	PPNR	1.2	2.0	6.7	1.76	0.30	5.81	1522.	54.	0.
1722	0000	-855	37.2476	81.5013	PPNR	1.0	1.9	5.5	1.90	0.36	5.34 -	1350.	56.	0.
1723	0000	-856	37.2472	81.5013	PPNR	0.8	1.8	4.4 -	2.12	0.40 +	5.36 -	1158.	58.	0.
1724	0000	-853	37.2468	81.5013	PPNR	0.7	1.5	3.8 -	2.21	0.40 +	5.58	1004.	59.	0.
1725	0000	-854	37.2464	81.5013	PPNR	0.6	1.5	3.6 -	2.32	0.41 +	5.61	945.	61.	0.
1726	0000	-855	37.2460	81.5014	PPP	0.6 -	1.5	3.8 -	2.36	0.39 +	6.01	944.	61.	0.
1727	0000	-855	37.2456	81.5014	PPP	0.6 -	1.5	3.9 -	2.38	0.39 +	6.10	932.	63.	0.
1728	0000	-857	37.2452	81.5015	PPP	0.6 -	1.7	3.7 -	2.76 +	0.46 ++	5.96	945.	62.	0.
1729	0000	-856	37.2448	81.5015	PPP	0.7	1.7	4.0 -	2.55 +	0.43 +	5.90	982.	60.	0.
1730	0000	-855	37.2444	81.5015	PPP	0.7	2.0	4.3 -	2.80 +	0.46 +	6.13	1035.	61.	0.
1731	0000	-854	37.2440	81.5015	PPP	0.8	2.0	4.7 -	2.57 +	0.43 +	6.05	1116.	59.	0.
1732	0000	-856	37.2436	81.5016	PPP	0.8	2.2	5.0	2.66 +	0.44 +	6.02	1195.	59.	0.
1733	0000	-857	37.2432	81.5016	PPP	0.9	2.2	5.4	2.46	0.41 +	5.96	1269.	59.	0.
1734	0000	-855	37.2428	81.5017	PPP	1.1	2.0	6.1	1.93	0.33	5.80	1384.	60.	1.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-854	37.2424	81.5017	PPP	1.2	2.0	6.9	1.60	0.29	5.60	1523.	59.	2.
1736	0000	-855	37.2420	81.5017	PPP	1.4 +	2.2	7.2	1.56	0.31	5.11 -	1663.	59.	3.
1737	0000	-856	37.2415	81.5017	PPP	1.6 +	2.1	7.5	1.31 -	0.28	4.70 -	1803.	58.	4.
1738	0000	-858	37.2412	81.5017	PPP	1.7 +	1.8	7.9	1.11 -	0.23	4.77 -	1863.	61.	6.
1739	0000	-855	37.2407	81.5018	PPP	1.7 +	1.8	8.3 +	1.10 -	0.22	4.98 -	1909.	60.	7.
1740	0000	-853	37.2404	81.5018	PPP	1.7 +	1.9	8.4 +	1.11 -	0.23	4.90 -	1939.	61.	8.
1741	0000	-854	37.2400	81.5019	PPP	1.7 +	1.9	7.8	1.08 -	0.24	4.49 -	1939.	58.	9.
1742	0000	-856	37.2395	81.5019	PPP	1.6 +	2.0	7.8	1.22 -	0.25	4.79 -	1897.	57.	8.
1743	0000	-857	37.2391	81.5019	PPP	1.5 +	1.9	7.8	1.22 -	0.24	5.15 -	1840.	59.	8.
1744	0000	-856	37.2387	81.5019	PPP	1.4 +	1.8	7.6	1.29 -	0.24	5.32 -	1788.	58.	8.
1745	0000	-853	37.2383	81.5020	PPP	1.4 +	2.3	7.6	1.65	0.31	5.40	1758.	57.	6.
1746	0000	-852	37.2379	81.5020	PPP	1.5 +	2.3	7.3	1.55	0.31	5.00 -	1750.	57.	5.
1747	0000	-853	37.2375	81.5020	PPP	1.4 +	2.4 +	7.2	1.70	0.34	5.06 -	1758.	56.	6.
1748	0000	-854	37.2371	81.5021	PPP	1.4 +	2.7 +	7.6	1.95	0.35	5.49	1780.	58.	4.
1749	0000	-852	37.2367	81.5021	PPP	1.4 +	2.5 +	7.6	1.77	0.33	5.30 -	1818.	60.	5.
1750	0000	-851	37.2363	81.5022	PPP	1.4 +	2.5 +	7.9	1.74	0.32	5.47	1834.	60.	5.
1751	0000	-851	37.2359	81.5022	PPP	1.4 +	2.4 +	7.9	1.66	0.30	5.56	1795.	62.	6.
1752	0000	-850	37.2356	81.5022	PPP	1.4 +	2.0	7.7	1.38	0.25	5.43	1790.	60.	6.
1753	0000	-849	37.2352	81.5022	PPP	1.5 +	1.8	7.9	1.22 -	0.23	5.42	1797.	60.	7.
1754	0000	-849	37.2348	81.5023	PPP	1.5 +	1.7	8.3 +	1.15 -	0.20 -	5.61	1816.	58.	6.
1755	0000	-848	37.2344	81.5023	PPP	1.4 +	1.8	8.0 +	1.25 -	0.23	5.56	1801.	56.	6.
1756	0000	-846	37.2340	81.5023	PPP	1.5 +	1.9	8.2 +	1.32	0.24	5.61	1796.	54.	5.
1757	0000	-847	37.2336	81.5023	PPP	1.5 +	2.5 +	8.2 +	1.62	0.31	5.29 -	1852.	55.	4.
1758	0000	-847	37.2332	81.5023	PPP	1.6 +	3.1 ++	7.8	1.95	0.40 +	4.92 -	1921.	52.	3.
1759	0000	-845	37.2328	81.5024	PPP	1.6 +	3.3 ++	7.9	2.01	0.41 +	4.85 -	1968.	52.	3.
1760	1000	-846	37.2324	81.5024	PPP	1.6 +	3.3 ++	8.0 +	2.01	0.41 +	4.88 -	1987.	50.	3.
1761	1000	-847	37.2320	81.5025	PPP	1.7 +	3.2 ++	8.3 +	1.87	0.38 +	4.94 -	1966.	52.	3.
1762	1000	-846	37.2316	81.5025	PPP	1.7 +	2.9 +	8.4 +	1.65	0.34	4.81 -	1968.	53.	4.
1763	0000	-845	37.2312	81.5025	PPP	1.7 +	2.9 ++	8.3 +	1.67	0.35	4.80 -	1948.	54.	4.
1764	0000	-845	37.2307	81.5025	PPP	1.7 +	2.4 +	8.1 +	1.44	0.30	4.82 -	1879.	53.	5.
1765	0000	-844	37.2303	81.5026	PPP	1.7 +	2.0	8.7 +	1.20 -	0.23	5.20 -	1864.	55.	4.
1766	0000	-845	37.2300	81.5026	PPP	1.7 +	2.1	8.9 +	1.22 -	0.23	5.28 -	1863.	54.	3.
1767	0000	-847	37.2296	81.5027	PPP	1.7 +	2.2	8.8 +	1.29 -	0.25	5.25 -	1859.	54.	2.
1768	0000	-845	37.2292	81.5027	PPP	1.7 +	2.4 +	8.6 +	1.47	0.28	5.16 -	1875.	53.	2.
1769	0000	-842	37.2287	81.5027	PPP	1.6 +	2.6 +	8.7 +	1.62	0.30	5.44	1872.	53.	1.
1770	0000	-843	37.2283	81.5027	PPP	1.6 +	2.3	8.6 +	1.40	0.27	5.26 -	1871.	54.	1.
1771	0000	-844	37.2279	81.5027	PPP	1.7 +	2.3	8.7 +	1.35	0.26	5.17 -	1890.	53.	0.
1772	0000	-845	37.2276	81.5028	PPP	1.6 +	2.1	8.6 +	1.30 -	0.25	5.28 -	1850.	51.	1.
1773	0000	-845	37.2271	81.5028	PPP	1.5 +	2.1	8.0 +	1.34	0.26	5.23 -	1798.	54.	2.
1774	0000	-845	37.2267	81.5029	MP	1.5 +	1.8	7.8 +	1.24	0.23	5.35 -	1748.	55.	3.
1775	0000	-846	37.2263	81.5029	MP	1.4 +	1.6	7.4 +	1.08 -	0.21	5.09 -	1708.	53.	4.
1776	0000	-845	37.2259	81.5029	MP	1.5 ++	1.4	7.0	0.95 -	0.20	4.72 -	1697.	55.	6.
1777	0000	-844	37.2255	81.5029	MP	1.5 ++	1.4	7.1	0.96 -	0.20	4.73 -	1694.	53.	7.
1778	0000	-844	37.2251	81.5030	MP	1.4 +	1.4	6.9	1.00 -	0.20	4.88 -	1654.	55.	9.
1779	0000	-845	37.2247	81.5030	MP	1.4 +	1.3	6.7	0.92 -	0.19	4.79 -	1621.	59.	9.
1780	0000	-845	37.2243	81.5030	MP	1.4 +	1.2	7.1	0.87 -	0.17 -	5.03 -	1609.	59.	9.
1781	0000	-845	37.2239	81.5031	MP	1.4 +	1.5	7.0	1.07 -	0.22	4.95 -	1618.	57.	8.
1782	0000	-846	37.2235	81.5031	MG	1.4 +	1.7 -	6.9	1.22 -	0.25	4.97 -	1602.	59.	7.
1783	0000	-846	37.2231	81.5031	MG	1.3 +	1.8	7.1	1.41 -	0.25	5.56 -	1567.	57.	5.
1784	0000	-848	37.2227	81.5031	MG	1.2	2.0	6.9	1.71	0.29	5.97 -	1536.	58.	4.
1785	0000	-847	37.2223	81.5032	MG	1.1	2.0	6.9	1.75	0.29	6.06 -	1504.	55.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-845	37.2219	81.5032	MG	1.1	2.1	6.9	1.89	0.31	6.06 -	1502.	52.	2.
1787	0000	-846	37.2215	81.5032	MG	1.1	2.1	6.5	1.92	0.33	5.77 -	1501.	50.	2.
1788	0000	-846	37.2211	81.5032	MG	1.1	1.9	6.7	1.66	0.29	5.80 -	1515.	52.	2.
1789	0000	-844	37.2207	81.5032	MG	1.2	1.7 -	6.9	1.38 -	0.25	5.60 -	1549.	50.	2.
1790	0000	-844	37.2203	81.5034	MG	1.3 +	1.4 -	7.2	1.07 -	0.20 -	5.38 -	1580.	48.	3.
1791	0000	-847	37.2199	81.5034	MG	1.3 +	1.5 -	7.4	1.12 -	0.20 -	5.51 -	1602.	47.	3.
1792	0000	-847	37.2195	81.5034	MG	1.4 +	1.5 -	7.9	1.08 -	0.19 -	5.66 -	1677.	48.	3.
1793	0000	-846	37.2191	81.5034	MG	1.4 +	1.6 -	8.0	1.12 -	0.20 -	5.61 -	1720.	50.	4.
1794	0000	-848	37.2187	81.5035	MG	1.4 +	1.7	8.0	1.28 -	0.22 -	5.88 -	1728.	50.	4.
1795	0000	-847	37.2183	81.5035	MG	1.3 +	1.8	7.8	1.45 -	0.23	6.18	1707.	48.	4.
1796	0000	-847	37.2179	81.5035	MG	1.1	2.0	7.7	1.80	0.26	6.92	1650.	49.	4.
1797	0000	-847	37.2175	81.5035	MBF-2	1.0	2.1	7.1	2.11	0.30	7.01	1583.	53.	4.
1798	0000	-847	37.2171	81.5036	MBF-2	1.0	1.9	6.6	1.96	0.29	6.83	1516.	51.	5.
1799	0000	-847	37.2167	81.5036	MBF-2	0.9	2.0	5.9 -	2.28	0.34 +	6.75	1438.	51.	5.
1800	0000	-848	37.2163	81.5036	MBF-2	0.9	1.7	5.9 -	2.04	0.29	6.93	1396.	51.	6.
1801	0000	-848	37.2159	81.5037	MBF-2	0.9	1.6	6.2	1.71	0.25	6.87	1391.	52.	7.
1802	0000	-847	37.2155	81.5037	MBF-2	0.9	1.5	6.4	1.61	0.24	6.83	1399.	54.	8.
1803	0000	-849	37.2151	81.5037	MBF-2	1.0	1.4	6.2	1.50	0.23	6.57	1431.	55.	9.
1804	0000	-850	37.2147	81.5037	MBF-2	1.0	1.6	6.6	1.62	0.25	6.57	1470.	54.	9.
1805	0000	-850	37.2143	81.5038	MBF-2	1.0	1.6	6.6	1.56	0.24	6.64	1503.	55.	9.
1806	0000	-850	37.2139	81.5038	MBF-2	1.0	1.4 -	6.8	1.31	0.20	6.52	1513.	56.	10.
1807	0000	-851	37.2135	81.5039	MBF-2	1.1	1.5	7.1	1.46	0.22	6.72	1537.	55.	9.
1808	0000	-851	37.2131	81.5039	MBF-2	1.0	1.6	7.2	1.56	0.22	7.17	1533.	53.	7.
1809	0000	-850	37.2127	81.5040	MBF-2	1.0	1.7	7.3	1.75	0.24	7.36	1525.	51.	6.
1810	0000	-850	37.2123	81.5040	MBF-2	1.0	1.7	7.7	1.65	0.21	7.68	1496.	53.	4.
1811	0000	-850	37.2119	81.5040	MBF-2	0.9	1.4	7.8	1.58	0.18 -	8.61 +	1448.	51.	4.
1812	0000	-849	37.2115	81.5040	MBF-2	0.8	1.6	7.6	1.89	0.21	9.03 +	1388.	50.	2.
1813	0000	-852	37.2111	81.5040	MBF-2	0.8 -	1.6	7.4	2.06	0.21	9.62 ++	1348.	49.	1.
1814	0000	-853	37.2107	81.5041	MBF-2	0.7 -	1.5	7.0	2.13	0.22	9.78 ++	1287.	49.	1.
1815	0000	-851	37.2103	81.5041	MH	0.7	1.6	6.5	2.27	0.24	9.52	1238.	50.	2.
1816	0000	-852	37.2099	81.5041	MH	0.6	1.4	6.1	2.34	0.24	9.81	1177.	53.	3.
1817	0000	-850	37.2095	81.5041	MH	0.6	1.4	5.4	2.37	0.26	9.16	1136.	54.	4.
1818	0000	-849	37.2090	81.5042	MH	0.5	1.4	5.4	2.39	0.26	9.17	1134.	54.	5.
1819	0000	-852	37.2086	81.5042	MH	0.6	1.2 -	5.6	1.96	0.22	8.89	1155	55.	6.
1820	0000	-853	37.2082	81.5043	MH	0.7	1.2 -	5.5	1.86	0.23	8.24	118	55.	8.
1821	0000	-852	37.2079	81.5043	MH	0.7	1.3	5.5	1.96	0.24	8.18	1218.	56.	9.
1822	0000	-849	37.2075	81.5043	MH	0.8	1.2 -	5.6	1.55	0.22	7.10	1274.	55.	9.
1823	0000	-849	37.2070	81.5043	MH	0.9	1.1 -	6.1	1.28 -	0.19 -	6.74	1345.	54.	9.
1824	0000	-850	37.2066	81.5043	MH	1.0	1.2 -	6.4	1.21 -	0.18 -	6.60	1426.	51.	8.
1825	0000	-849	37.2062	81.5044	MH	1.1	1.4	6.4	1.27 -	0.21	6.01 -	1491.	53.	8.
1826	0000	-849	37.2058	81.5044	MH	1.1	1.6	6.5	1.45	0.24	5.96 -	1536.	56.	6.
1827	0000	-847	37.2054	81.5044	MH	1.2 +	1.5	7.1	1.31 -	0.21	6.15 -	1595.	57.	5.
1828	0000	-847	37.2050	81.5044	MH	1.2 +	1.6	7.4	1.29 -	0.21	6.12 -	1638.	59.	3.
1829	0000	-850	37.2046	81.5045	MH	1.2 +	1.9	8.0	1.58	0.24	6.64	1688.	60.	2.
1830	0000	-850	37.2042	81.5045	MH	1.2 +	2.0	7.6	1.60	0.26	6.24 -	1706.	63.	1.
1831	0000	-848	37.2038	81.5046	MH	1.2 +	2.1	7.5	1.72	0.28	6.20 -	1688.	64.	1.
1832	0000	-847	37.2034	81.5046	MH	1.2 +	2.1	7.3	1.76	0.28	6.28 -	1648.	65.	1.
1833	0000	-847	37.2030	81.5046	MH	1.1 +	2.1	7.2	1.89	0.30	6.35 -	1592.	63.	1.
1834	0000	-846	37.2026	81.5047	MBP	1.0 +	2.2 +	6.4	2.14	0.33	6.41 -	1474.	65.	1.
1835	0000	-846	37.2022	81.5047	MBP	0.9	2.0	5.6	2.17	0.35 +	6.18 -	1355.	65.	1.
1836	0000	-846	37.2018	81.5047	MBP	0.8	1.8	4.7 -	2.27	0.38 +	5.96 -	1205.	63.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-847	37.2014	81.5047	MBP	0.7	1.7	4.6 -	2.66	0.38 +	7.01	1091.	59.	1.
1838	0000	-846	37.2010	81.5048	MBP	0.5	1.6	4.1 -	2.92	0.38 +	7.71	990.	60.	1.
1839	0000	-846	37.2006	81.5048	MBP	0.5 -	1.4	3.8 -	2.85	0.36 +	7.91	918.	59.	1.
1840	0000	-847	37.2002	81.5049	MBP	0.5 -	1.1 -	3.8 -	2.32	0.30	7.61	907.	60.	1.
1841	0000	-846	37.1998	81.5049	MBP	0.5	1.3	4.4 -	2.41	0.29	8.30	956.	57.	1.
1842	0000	-847	37.1995	81.5049	MBP	0.5	1.7	4.9	3.15	0.34	9.32	1043.	56.	1.
1843	0000	-847	37.1989	81.5048	MBP	0.6	1.7	5.5	2.93	0.32	9.27	1150.	57.	1.
1844	0000	-846	37.1985	81.5048	MBP	0.7	1.8	6.3	2.67	0.29	9.14	1260.	59.	1.
1845	0000	-846	37.1980	81.5048	MBP	0.8	2.0	7.1	2.60	0.28	9.17	1374.	58.	0.
1846	0000	-846	37.1976	81.5047	MBP	0.8	2.2 +	7.8 +	2.68	0.28	9.42	1478.	57.	0.
1847	0000	-846	37.1971	81.5047	MBP	0.9	2.2 +	7.9 +	2.53	0.28	8.98	1543.	58.	1.
1848	0000	-847	37.1967	81.5046	MBP	0.9	2.2 +	7.9 +	2.38	0.28	8.55	1599.	61.	2.
1849	0000	-848	37.1962	81.5046	MBP	1.0	1.8	8.3 +	1.87	0.22	8.49	1634.	62.	3.
1850	0000	-846	37.1957	81.5045	MBP	1.0 +	1.7	8.6 +	1.67	0.19 -	8.65	1651.	64.	5.
1851	0000	-847	37.1953	81.5045	MBP	1.0 +	1.5	8.3 +	1.49 -	0.18 -	8.20	1661.	63.	7.
1852	0000	-847	37.1948	81.5044	MBP	1.0 +	1.3	8.5 +	1.22 -	0.15 --	8.21	1663.	61.	8.
1853	0000	-848	37.1944	81.5044	MBP	1.1 +	0.9 -	8.2 +	0.88 --	0.11 ---	7.74	1640.	65.	11.
1854	0000	-848	37.1939	81.5044	MBP	1.0 +	1.1 -	8.1 +	1.04 --	0.13 --	7.89	1625.	64.	11.
1855	0000	-849	37.1934	81.5043	MH	1.0	1.0 -	8.3 +	0.98 -	0.12 --	8.23	1584.	62.	11.
1856	0000	-848	37.1930	81.5043	MH	1.0	1.0 -	7.6	0.94 --	0.13 --	7.45	1508.	65.	11.
1857	0000	-847	37.1925	81.5042	MH	1.0	1.0 -	7.1	0.94 --	0.13 --	6.96	1453.	63.	11.
1858	0000	-844	37.1920	81.5042	MH	1.0	1.1 -	6.9	1.14 -	0.16 -	7.18	1392.	67.	9.
1859	0000	-841	37.1916	81.5042	MH	0.9	1.3	6.6	1.43 -	0.20	7.09	1346.	72.	8.
1860	0000	-841	37.1911	81.5042	MH	0.9	1.6	6.4	1.81	0.26	7.07	1329.	69.	6.
1861	0000	-842	37.1907	81.5041	MH	0.9	1.6	6.3	1.67	0.25	6.69	1328.	69.	5.
1862	0000	-840	37.1902	81.5041	MH	0.9	1.8	6.0	1.97	0.30	6.49 -	1306.	68.	3.
1863	0000	-841	37.1898	81.5040	MBF-2	0.9	2.1	6.0 -	2.43 +	0.36 +	6.77	1308.	69.	2.
1864	0000	-842	37.1893	81.5040	MBF-2	0.8 -	2.1	6.0 -	2.60 +	0.36 +	7.25	1304.	70.	2.
1865	0000	-841	37.1889	81.5040	MBF-2	0.8 -	2.2	5.6 -	2.70 +	0.39 +	6.96	1283.	68.	2.
1866	0000	-841	37.1883	81.5040	MBF-2	0.8 -	2.1	5.1 -	2.67 +	0.42 ++	6.38	1253.	65.	3.
1867	0000	-843	37.1879	81.5039	MBF-2	0.8 -	1.9	5.1 -	2.45 +	0.36 +	6.76	1214.	65.	4.
1868	0000	-843	37.1874	81.5038	MBF-2	0.7 -	1.8	5.0 -	2.64 +	0.36 +	7.44	1152.	65.	6.
1869	0000	-843	37.1870	81.5038	MBF-2	0.6 -	1.5	4.8 -	2.41 +	0.32	7.47	1101.	67.	7.
1870	0000	-842	37.1865	81.5037	MG	0.6 -	1.2 -	4.8 --	2.02	0.26	7.86	1054.	63.	8.
1871	0000	-842	37.1860	81.5037	MG	0.6 -	1.1 --	4.6 --	1.86	0.24	7.86	1001.	62.	9.
1872	0000	-842	37.1856	81.5036	MG	0.6 -	1.0 --	4.5 --	1.78	0.22 -	8.13	959.	61.	9.
1873	0000	-843	37.1851	81.5036	MG	0.5 -	0.8 --	4.5 --	1.46 -	0.17 --	8.55	921.	60.	9.
1874	0000	-845	37.1847	81.5036	MG	0.5 -	0.9 --	4.3 --	1.68	0.20 -	8.48	882.	59.	8.
1875	0000	-843	37.1842	81.5035	MMP	0.5 -	0.8 --	4.2 --	1.73 -	0.20 -	8.89 +	866.	57.	7.
1876	0000	-843	37.1837	81.5035	MMP	0.5 -	0.7 ---	4.3 --	1.33 --	0.16 --	8.22	880.	56.	7.
1877	0000	-842	37.1833	81.5035	MMP	0.5 -	0.8 --	4.2 --	1.56 -	0.19 --	8.36	899.	58.	7.
1878	0000	-842	37.1828	81.5034	MMP	0.5 -	0.8 --	4.6 -	1.69 -	0.18 --	9.57 +	919.	58.	6.
1879	0000	-843	37.1824	81.5034	MMP	0.5 -	0.8 --	4.8 -	1.61 -	0.17 --	9.27 +	951.	58.	5.
1880	0000	-844	37.1819	81.5033	DB-2	0.6 -	1.0 --	4.9 --	1.64	0.20 -	8.36	1003.	58.	5.
1881	0000	-843	37.1815	81.5032	DB-2	0.6 -	1.1 --	5.1 --	1.78	0.21	8.58	1075.	59.	5.
1882	0000	-844	37.1810	81.5032	DB-2	0.7 -	1.1 -	6.0 -	1.65	0.19 -	8.81	1154.	61.	4.
1883	0000	-844	37.1805	81.5031	DB-2	0.7 -	1.6	6.3 -	2.21	0.26	8.44	1267.	59.	4.
1884	0000	-844	37.1801	81.5031	DB-2	0.9	1.9	6.7	2.24	0.29	7.85	1365.	56.	3.
1885	0000	-845	37.1796	81.5031	DB-2	0.9	2.2	6.9	2.41	0.32	7.49	1453.	56.	3.
1886	0000	-845	37.1792	81.5031	CHK-2	1.0	2.5	7.3	2.56	0.34	7.54	1535.	53.	3.
1887	0000	-844	37.1787	81.5030	CHK-2	1.0	2.3	7.3	2.33	0.32	7.29	1559.	55.	5.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-845	37.1782	81.5030	CHK-2	1.0	2.5	7.2	2.43	0.35	6.99	1577.	54.	5.
1889	0000	-845	37.1778	81.5029	CHK-2	1.1	2.4	7.0	2.23	0.34	6.49	1592.	53.	6.
1890	0000	-847	37.1772	81.5029	CHK-2	1.0	2.0	6.9	1.93	0.29	6.76	1548.	56.	7.
1891	0000	-845	37.1768	81.5029	CHK-2	1.0	1.6 -	6.9	1.68	0.23 -	7.19	1485.	58.	8.
1892	0000	-844	37.1763	81.5029	CHK-2	0.9	1.4 -	6.2 -	1.60	0.23 -	6.87	1397.	59.	8.
1893	0000	-845	37.1759	81.5027	CHK-1	0.8	1.1 -	5.5	1.31	0.19 -	6.73	1295.	62.	9.
1894	0000	-845	37.1754	81.5027	CHK-1	0.7	1.3 -	5.5	1.82	0.24 -	7.55	1247.	59.	8.
1895	0000	-844	37.1750	81.5027	CHK-1	0.7	1.0 -	5.4	1.51	0.19 -	7.77	1216.	60.	9.
1896	0000	-845	37.1745	81.5027	CHK-1	0.6	1.2 -	5.1	1.94	0.24 -	8.08	1203.	60.	9.
1897	0000	-844	37.1740	81.5027	CHK-1	0.7	1.5	5.2	2.14	0.29 -	7.37	1265.	59.	8.
1898	0000	-844	37.1736	81.5025	CHK-1	0.8	1.6	5.5	1.98	0.29 -	6.85	1394.	59.	9.
1899	0000	-843	37.1731	81.5025	CHK-2	1.0	1.8 -	6.4 -	1.70	0.28	6.10	1605.	58.	8.
1900	0000	-842	37.1727	81.5025	CHK-2	1.3	2.0	7.4	1.54	0.26 -	5.86	1813.	57.	8.
1901	0000	-843	37.1722	81.5025	CHK-2	1.4	2.1	8.1	1.49	0.26 -	5.80	1972.	59.	8.
1902	0000	-845	37.1717	81.5024	CHK-2	1.5	2.4	8.5 +	1.60	0.28	5.70	2101.	60.	8.
1903	0000	-844	37.1713	81.5024	CHK-2	1.7	2.4	[illegible] +	1.46	0.28	5.16	2190.	62.	7.
1904	0000	-842	37.1708	81.5023	CHK-2	1.8	2.4	8.5 +	1.34	0.28	4.83	2224.	62.	8.
1905	0000	-841	37.1704	81.5023	CHK-2	2.0	2.4	8.2	1.20	0.29	4.18	2242.	61.	7.
1906	0000	-840	37.1699	81.5023	CR-1	2.0 +	2.4 +	7.9	1.19	0.31	3.85	2228.	60.	6.
1907	0000	-842	37.1695	81.5022	CR-1	2.1 +	2.7 +	7.4	1.30	0.37	3.53	2246.	59.	5.
1908	0000	-842	37.1690	81.5022	CR-1	2.3 +	2.8 +	7.5	1.23	0.37	3.31 -	2321.	58.	4.
1909	0000	-841	37.1685	81.5021	CHK-2	2.4	2.9	7.4	1.22	0.39	3.10	2396.	56.	4.
1910	0000	-841	37.1681	81.5021	CHK-2	2.5	3.2 +	7.7	1.28	0.41 +	3.14	2484.	54.	3.
1911	0000	-842	37.1676	81.5020	CHK-2	2.5	3.4 +	8.0	1.33	0.42 +	3.14	2570.	55.	2.
1912	0000	-841	37.1672	81.5020	CHK-2	2.6	3.6 +	8.3	1.38	0.43 +	3.23	2652.	56.	2.
1913	0000	-841	37.1667	81.5019	CHK-2	2.6	3.7 +	8.6 +	1.39	0.43 +	3.27	2717.	56.	2.
1914	0000	-842	37.1662	81.5019	CHK-2	2.7 +	3.6 +	9.1 +	1.34	0.40	3.36	2754.	56.	3.
1915	0000	-842	37.1657	81.5018	CHK-2	2.6	3.8 ++	8.7 +	1.47	0.43 +	3.40	2725.	56.	4.
1916	0000	-841	37.1653	81.5018	CHK-2	2.5	3.5 +	8.9 +	1.39	0.39	3.57	2666.	57.	5.
1917	0000	-841	37.1648	81.5018	CHK-2	2.4	3.2 +	8.7 +	1.37	0.37	3.69	2605.	58.	7.
1918	0000	-840	37.1644	81.5018	CHK-2	2.3	3.2 +	8.7 +	1.41	0.37	3.86	2552.	57.	9.
1919	0000	-838	37.1639	81.5017	CHK-2	2.1	3.2 +	8.6 +	1.52	0.38	4.02	2508.	56.	10.
1920	0000	-836	37.1634	81.5016	CHK-2	2.0	3.2 +	8.5	1.60	0.38	4.21	2466.	57.	11.
1921	0000	-838	37.1630	81.5016	CN	2.0	3.1 +	8.4 +	1.59	0.37	4.26	2434.	58.	11.
1922	0000	-838	37.1625	81.5015	CN	2.1	2.8 +	8.7 +	1.35	0.32	4.17	2453.	57.	12.
1923	0000	-836	37.1620	81.5015	CN	2.2	3.1 +	8.7 +	1.39	0.35	3.95	2505.	57.	11.
1924	0000	-834	37.1616	81.5014	CN	2.4	3.2 +	8.7 +	1.38	0.37	3.70	2551.	56.	10.
1925	0000	-836	37.1611	81.5014	CN	2.3	3.4 ++	8.8 ++	1.45	0.38	3.77	2575.	58.	10.
1926	0000	-837	37.1607	81.5014	CN	2.3	3.3 +	9.0 ++	1.40	0.36	3.89	2549.	58.	9.
1927	0000	-837	37.1602	81.5014	CCR-2	2.2	3.0	9.3 +	1.39	0.33	4.24	2500.	57.	7.
1928	0000	-835	37.1597	81.5013	CCR-2	2.0	3.3	9.4 +	1.64	0.35	4.69	2444.	58.	6.
1929	0000	-834	37.1593	81.5013	CCR-2	1.8	3.6 +	9.4 +	2.01 +	0.39 +	5.22	2377.	58.	4.
1930	0000	-833	37.1588	81.5012	CCR-2	1.6	3.9 +	9.4 +	2.37 +	0.41 +	5.74	2326.	57.	4.
1931	0000	-833	37.1584	81.5012	CCR-2	1.5	3.8 +	9.5 +	2.54 +	0.40 +	6.41	2269.	57.	3.
1932	0000	-833	37.1579	81.5012	CCR-2	1.5	3.6 +	9.7 ++	2.37 +	0.37	6.33	2270.	58.	2.
1933	0000	-831	37.1575	81.5011	CCR-2	1.6	3.9 +	9.3 +	2.40 +	0.42 +	5.72	2323.	58.	2.
1934	0000	-831	37.1570	81.5011	CCR-2	1.9	3.7 +	9.3 +	1.97 +	0.40 +	4.91	2423.	59.	3.
1935	0000	-831	37.1566	81.5010	CCR-2	2.2	3.5 +	8.9	1.57	0.39 +	4.02	2505.	59.	3.
1936	0000	-831	37.1561	81.5010	CCR-2	2.4	3.0	8.2 -	1.25	0.37	3.38	2544.	58.	4.
1937	0000	-831	37.1556	81.5010	OKU	2.6 ++	2.5 +	7.9 +	0.98 -	0.32	3.09 --	2512.	60.	4.
1938	0000	-833	37.1551	81.5010	OKU	2.6 ++	2.4 +	7.3 +	0.94 -	0.34	2.79 --	2454.	64.	4.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-834	37.1546	81.5009	OKU	2.4 ++	2.5 +	6.4 +	1.03 -	0.39	2.65 --	2323.	62.	4.
1940	0000	-833	37.1542	81.5009	OKU	2.1 ++	2.4 +	6.3	1.15 -	0.39	3.00 --	2144.	64.	4.
1941	0000	-831	37.1537	81.5008	OKU	1.7 ++	2.6 ++	5.3	1.54	0.50 +	3.10 --	1911.	63.	3.
1942	0000	-830	37.1533	81.5008	OKU	1.3 +	2.9 ++	4.8	2.27	0.61 ++	3.75 -	1720.	62.	2.
1943	0000	-831	37.1528	81.5007	OKU	0.9	3.1 +++	5.2	3.30	0.60 ++	5.47	1571.	65.	1.
1944	0000	-830	37.1524	81.5007	OKU	0.7	3.2 +++	5.1	4.61 +	0.63 ++	7.37	1465.	62.	1.
1945	0000	-828	37.1519	81.5006	OKU	0.5	3.2 +++	5.2	6.34 +	0.63 ++	10.13	1390.	57.	0.
1946	0000	-831	37.1514	81.5006	OKU	0.5	3.0 ++	5.1	6.37 +	0.59 +	10.82	1339.	58.	1.
1947	0000	-832	37.1510	81.5006	OMUU	0.5	2.9 +++	5.1	6.06 +	0.58 ++	10.43	1310.	57.	1.
1948	0000	-828	37.1505	81.5005	OMUU	0.5	2.8 ++	5.0	5.67 +	0.57 ++	9.97	1293.	57.	2.
1949	0000	-828	37.1501	81.5005	OMUU	0.5	2.7 ++	5.0	5.41 +	0.54 ++	10.07	1250.	56.	2.
1950	0000	-829	37.1496	81.5004	OMUU	0.5	2.7 ++	4.4	5.29 +	0.60 ++	8.76	1226.	57.	3.
1951	0000	-829	37.1491	81.5004	OMUU	0.5	2.6 ++	4.4	5.29 +	0.59 ++	8.90	1201.	57.	4.
1952	0000	-830	37.1487	81.5003	OMUU	0.5	2.5 ++	4.4	5.12 +	0.57 ++	8.95	1201.	57.	4.
1953	0000	-830	37.1482	81.5003	OMUU	0.5	2.6 ++	4.5	5.18 +	0.57 ++	9.03	1206.	57.	4.
1954	0000	-828	37.1478	81.5002	OMUU	0.6	2.4 +	4.3	4.15 +	0.54 ++	7.63	1202.	57.	5.
1955	0000	-827	37.1473	81.5002	OMUU	0.6	2.3 +	4.8	4.06 +	0.48 +	8.46	1203.	57.	5.
1956	0000	-827	37.1469	81.5001	OMUU	0.6	2.1 +	4.9	3.28	0.42 +	7.82	1217.	58.	5.
1957	0000	-827	37.1464	81.5001	OMUU	0.7	1.9	5.1	2.80	0.37	7.58	1212.	57.	5.
1958	0000	-828	37.1459	81.5001	OMUU	0.7	2.0 +	5.1	2.94	0.40 +	7.34	1211.	58.	5.
1959	0000	-827	37.1455	81.5000	OMUU	0.6	2.0 +	5.2	3.04	0.38 +	7.99	1191.	58.	4.
1960	0000	-826	37.1450	81.5000	OMUU	0.6	2.0 +	5.0	3.05	0.40 +	7.66	1184.	59.	4.
1961	0000	-827	37.1445	81.4999	OMUU	0.6	2.0 +	5.5	3.29	0.37	8.99	1206.	60.	3.
1962	0000	-826	37.1440	81.4999	OMUU	0.7	2.2 +	5.7	3.31	0.38 +	8.66	1261.	58.	3.
1963	0000	-824	37.1436	81.4998	OMUU	0.7	2.5 ++	6.0	3.70	0.42 +	8.83	1314.	57.	3.
1964	0000	-823	37.1431	81.4998	CMUU	0.7	2.6 ++	6.4	3.64	0.41 +	8.92	1370.	56.	2.
1965	0000	-824	37.1427	81.4997	OMUU	0.8	2.5 ++	6.4	3.35	0.39 +	8.58	1417.	56.	2.
1966	0000	-823	37.1422	81.4997	OMUU	0.9	2.4 +	6.8	2.76	0.36	7.77	1451.	58.	2.
1967	0000	-824	37.1417	81.4997	OMUU	0.9	2.1 +	7.2	2.23	0.29	7.60	1456.	56.	1.
1968	0000	-824	37.1413	81.4997	OMUU	1.0	2.2 +	6.8	2.18	0.32	6.86	1455.	54.	1.
1969	0000	-824	37.1408	81.4996	OMUU	1.1	2.0 +	7.0	1.87	0.28	6.63	1450.	58.	1.
1970	0000	-822	37.1404	81.4996	OMUU	1.1	1.7	6.9	1.48	0.24	6.13	1462.	60.	1.
1971	0000	-821	37.1399	81.4995	OMUU	1.2 +	1.4	7.0	1.21 -	0.20	5.91	1484.	61.	2.
1972	0000	-822	37.1394	81.4995	OMUU	1.2 +	1.4	7.7 +	1.17 -	0.19	6.23	1533.	61.	2.
1973	0000	-823	37.1390	81.4995	OMUU	1.2 +	1.6	7.9 +	1.28	0.20	6.40	1590.	60.	3.
1974	0000	-822	37.1385	81.4994	OMUU	1.3 +	1.7	8.1 +	1.37	0.21	6.39	1647.	59.	3.
1975	0000	-823	37.1380	81.4994	OMUU	1.3 +	1.6	8.6 +	1.23 -	0.18 -	6.65	1668.	60.	4.
1976	0000	-823	37.1376	81.4993	OMUU	1.3 +	1.7	8.2 +	1.31	0.20	6.47	1663.	58.	4.
1977	0000	-822	37.1371	81.4993	OMUU	1.2 +	1.6	8.3 +	1.28	0.19	6.87	1643.	55.	5.
1978	0000	-820	37.1367	81.4993	OMUU	1.2	1.7	8.1 +	1.50	0.21	7.04	1622.	55.	4.
1979	0000	-821	37.1362	81.4993	OMUU	1.2 +	1.5	7.6 +	1.29	0.20	6.55	1591.	53.	5.
1980	0000	-821	37.1358	81.4992	OMUU	1.2 +	1.4	7.7 +	1.16 -	0.18 -	6.51	1566.	53.	5.
1981	0000	-821	37.1353	81.4992	OMUU	1.2	1.3	7.8 +	1.12 -	0.17 -	6.78	1558.	55.	5.
1982	0000	-820	37.1349	81.4991	OMUU	1.2 +	1.3	7.9 +	1.14 -	0.17 -	6.74	1588.	54.	5.
1983	0000	-820	37.1344	81.4991	OMUU	1.2 +	1.4	8.2 +	1.17 -	0.17 -	6.96	1628.	53.	5.
1984	0000	-821	37.1339	81.4990	OMUU	1.2 +	1.3	8.4 +	1.05 -	0.15 -	6.83	1655.	52.	6.
1985	0000	-822	37.1335	81.4989	OMUU	1.3 +	1.2	8.5 +	0.95 -	0.15 -	6.53	1659.	51.	7.
1986	0000	-820	37.1330	81.4989	OMUU	1.3 +	1.2	8.6 +	0.94 -	0.14 -	6.54	1652.	53.	7.
1987	0000	-819	37.1325	81.4989	OMUU	1.3 +	1.2	8.3 +	0.97 -	0.15 -	6.54	1630.	51.	9.
1988	0000	-820	37.1320	81.4988	OMUU	1.3 +	1.2	7.9 +	0.92 -	0.15 -	6.27	1604.	50.	9.
1989	0000	-818	37.1316	81.4988	OMUU	1.2 +	1.3	7.6 +	1.04 -	0.17 -	6.14	1565.	50.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-814	37.1311	81.4988	OMUU	1.2 +	1.3	7.5 +	1.03 -	0.17 -	6.02	1540.	47.	9.
1991	0000	-815	37.1307	81.4987	OMUU	1.2 +	1.5	7.5 +	1.26 -	0.20	6.28	1527.	48.	8.
1992	0000	-816	37.1302	81.4987	OMUU	1.2 +	1.5	7.3	1.21 -	0.20	6.13	1546.	50.	6.
1993	0000	-815	37.1297	81.4986	OMUU	1.2 +	1.7	7.7 +	1.39	0.22	6.33	1580.	50.	5.
1994	0000	-811	37.1293	81.4986	OMUU	1.3 +	1.8	7.7 +	1.39	0.23	5.92	1618.	53.	4.
1995	0000	-812	37.1288	81.4986	OMUU	1.4 +	2.0 +	7.9 +	1.46	0.25	5.85	1673.	53.	3.
1996	0000	-813	37.1284	81.4986	OMUU	1.4 +	2.0 +	8.0 +	1.48	0.25	5.86	1706.	53.	3.
1997	0000	-812	37.1279	81.4984	OMUU	1.4 +	1.9	8.5 +	1.31	0.22	5.94	1733.	58.	2.
1998	0000	-810	37.1274	81.4984	OMUU	1.5 +	2.0 +	8.2 +	1.30	0.24	5.34 -	1792.	58.	2.
1999	0000	-810	37.1270	81.4984	OMUU	1.6 +	2.1 +	8.2 +	1.29	0.25	5.12 -	1824.	59.	3.
2000	0000	-812	37.1265	81.4983	OMUU	1.6 +	2.2 +	7.9 +	1.34	0.28	4.81 -	1860.	58.	3.
2001	0000	-812	37.1261	81.4983	OMUU	1.7 +	2.1 +	7.9 +	1.24 -	0.26	4.77 -	1899.	57.	4.
2002	0000	-811	37.1256	81.4982	OMUU	1.6 +	2.3 +	7.6 +	1.43	0.31	4.65 -	1916.	57.	4.
2003	0000	-809	37.1252	81.4982	OMUU	1.6 +	2.1 +	7.6 +	1.27	0.27	4.65 -	1913.	58.	4.
2004	0000	-807	37.1247	81.4982	OMUU	1.6 +	2.2 +	7.2	1.42	0.31	4.57 -	1904.	55.	4.
2005	0000	-807	37.1242	81.4982	OMUU	1.4 +	2.2 +	7.1	1.49	0.30	4.90 -	1833.	54.	5.
2006	0000	-810	37.1238	81.4980	OMUU	1.3 +	2.1 +	6.9	1.59	0.30	5.28 -	1764.	52.	5.
2007	0000	-810	37.1233	81.4980	OMUU	1.2 +	1.7	6.7	1.34	0.25	5.44 -	1651.	54.	6.
2008	0000	-809	37.1228	81.4980	OKU	1.1 +	1.8	6.4	1.62	0.28	5.72	1535.	54.	6.
2009	0000	-809	37.1224	81.4980	OKU	1.0 +	1.4	6.2	1.39	0.23	6.07	1410.	54.	7.
2010	0000	-807	37.1220	81.4979	OKU	1.0	1.3	5.6	1.40	0.24	5.85	1309.	56.	8.
2011	0000	-801	37.1217	81.4978	OKU	0.9	1.2	5.1	1.31 -	0.23	5.60	1237.	57.	9.
2012	0000	-799	37.1213	81.4978	OKU	1.0	1.0 -	5.3	1.07 -	0.19 -	5.52	1230.	58.	9.
2013	0000	-800	37.1209	81.4978	OKU	0.9	1.1	5.2	1.17 -	0.21 -	5.70	1227.	60.	9.
2014	0000	-803	37.1206	81.4977	OKU	0.9	1.2	5.4	1.40	0.23	5.99	1268.	59.	9.
2015	0000	-806	37.1202	81.4976	OKU	0.9	1.2	5.2	1.28 -	0.23	5.52	1289.	58.	9.
2016	0000	-805	37.1199	81.4976	OKU	1.0	1.1	5.4	1.12 -	0.21 -	5.43	1316.	58.	9.
2017	0000	-804	37.1195	81.4976	OKU	1.0	1.1	5.5	1.05 -	0.19 -	5.39	1359.	56.	9.
2018	0000	-806	37.1192	81.4975	OKU	1.0 +	1.0 -	5.7	0.93 -	0.17 -	5.43	1368.	55.	9.
2019	0000	-805	37.1188	81.4974	OKU	1.1 +	0.8 -	5.7	0.75 --	0.14 --	5.30	1372.	56.	10.
2020	0000	-805	37.1184	81.4974	OKU	1.2 +	0.9 -	5.8	0.77 --	0.16 -	4.93 -	1380.	55.	10.
2021	0000	-806	37.1181	81.4974	OKU	1.2 +	0.8 -	5.6	0.65 --	0.14 --	4.57 -	1364.	56.	10.
2022	0000	-804	37.1177	81.4972	OKU	1.2 +	0.7 -	5.9	0.62 --	0.13 --	4.95 -	1367.	56.	10.
2023	0000	-804	37.1174	81.4972	OKU	1.2 +	1.0 -	5.9	0.87 -	0.17 -	5.05 -	1373.	57.	9.
2024	0000	-804	37.1170	81.4972	OKU	1.1 +	1.2	6.1	1.04 -	0.19 -	5.43	1370.	57.	7.
2025	0000	-802	37.1167	81.4971	OKU	1.1 +	1.4	6.2	1.35 -	0.23	5.81	1377.	56.	6.
2026	0000	-801	37.1163	81.4970	OKU	1.0	1.6	6.0	1.67	0.27	6.28	1345.	56.	5.
2027	0000	-800	37.1160	81.4970	OKU	0.9	1.5	5.9	1.69	0.25	6.72	1309.	54.	4.
2028	0000	-799	37.1156	81.4970	OKU	0.8	1.6	5.6	2.09	0.29	7.16	1275.	55.	3.
2029	0000	-799	37.1152	81.4969	OKU	0.7	1.8	5.1	2.48	0.35	7.11	1239.	55.	2.
2030	0000	-798	37.1149	81.4969	OKU	0.7	1.6	5.0	2.39	0.31	7.59	1190.	55.	2.
2031	0000	-798	37.1145	81.4968	OKU	0.6	1.6	5.0	2.60	0.32	8.10	1153.	55.	2.
2032	0000	-798	37.1142	81.4967	OKU	0.6	1.4	4.6	2.41	0.31	7.79	1112.	57.	2.
2033	0000	-796	37.1139	81.4966	OKU	0.5	1.5	4.3	2.78	0.36	7.80	1074.	57.	2.
2034	0000	-796	37.1134	81.4966	OMUU	0.5	1.6	4.2	3.26	0.37	8.75	1043.	59.	2.
2035	0000	-797	37.1131	81.4966	OMUU	0.5	1.6	4.5	3.46	0.35	9.91	1021.	58.	2.
2036	0000	-795	37.1127	81.4965	OMUU	0.5	1.4	5.2	2.97	0.27	10.99	1018.	58.	2.
2037	0000	-794	37.1124	81.4965	OMUU	0.5	1.4	5.1	2.94	0.29	10.27	1024.	57.	2.
2038	0000	-795	37.1121	81.4964	OMUU	0.5	1.5	4.8	2.93	0.30	9.60	1013.	58.	2.
2039	0000	-794	37.1117	81.4964	OMUU	0.5	1.5	4.9	3.28	0.30	10.76	987.	58.	3.
2040	0000	-792	37.1113	81.4963	OMUU	0.5	1.5	4.9	3.22	0.31	10.27	981.	58.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-793	37.1110	81.4963	OMUU	0.5	1.6	4.9	3.23	0.32	10.17	969.	60.	2.
2042	0000	-792	37.1106	81.4962	OMUU	0.5	1.5	4.6	3.09	0.33	9.28	963.	58.	1.
2043	0000	-791	37.1103	81.4962	OMUU	0.5	1.4	4.2	2.91	0.34	8.46	939.	59.	1.
2044	0000	-791	37.1099	81.4962	OMUU	0.5	1.5	4.0	2.83	0.37	7.69	944.	60.	2.
2045	0000	-788	37.1095	81.4960	OMUU	0.5	1.5	4.0	2.81	0.37	7.58	945.	61.	2.
2046	0000	-788	37.1092	81.4960	OMUU	0.6	1.4	4.2	2.44	0.34	7.17	977.	60.	2.
2047	0000	-789	37.1089	81.4959	OMUU	0.6	1.3	4.6	2.20	0.28	7.74	986.	62.	3.
2048	0000	-789	37.1085	81.4959	OMUU	0.6	1.3	4.6	2.09	0.28	7.38	1006.	59.	3.
2049	0000	-787	37.1081	81.4958	OMUU	0.6	1.2	5.0	1.78	0.23	7.72	1017.	60.	4.
2050	0000	-787	37.1078	81.4958	OMUU	0.6	1.3	5.0	1.99	0.25	7.98	1028.	59.	5.
2051	0000	-787	37.1074	81.4958	OMUU	0.6	1.1	5.3	1.74	0.20	8.49	1016.	61.	5.
2052	0000	-788	37.1071	81.4957	OMUU	0.6	0.9 -	5.3	1.46	0.17 -	8.57	1011.	61.	6.
2053	0000	-787	37.1067	81.4956	OMUU	0.6	0.9 -	5.2	1.60	0.18 -	8.84	990.	63.	5.
2054	0000	-785	37.1063	81.4955	OMUU	0.6	1.0	4.7	1.85	0.22	8.38	981.	61.	5.
2055	0000	-784	37.1060	81.4955	OMUU	0.5	1.1	4.5	1.98	0.24	8.37	966.	61.	5.
2056	0000	-783	37.1057	81.4954	OMUU	0.5	1.2	4.0	2.37	0.31	7.60	956.	61.	4.
2057	0000	-784	37.1053	81.4954	OMUU	0.5	1.3	3.8	2.61	0.35	7.46	947.	61.	3.
2058	0000	-784	37.1049	81.4954	OMUU	0.5	1.5	4.0	3.00	0.37	8.19	943.	59.	2.
2059	0000	-783	37.1046	81.4953	OMUU	0.5	1.7	3.7 -	3.39	0.47 +	7.27	950.	57.	1.
2060	0000	-783	37.1042	81.4952	OMUU	0.5	1.7	3.6 -	3.34	0.48 +	7.00	938.	55.	1.
2061	0000	-784	37.1039	81.4952	OMUU	0.5	1.6	3.6 -	3.13	0.45 +	6.94	941.	56.	0.
2062	0000	-784	37.1035	81.4952	OMUU	0.5	1.6	4.0	2.98	0.40 +	7.48	937.	60.	0.
2063	0000	-783	37.1031	81.4951	OMUU	0.6	1.4	4.3	2.51	0.33	7.72	952.	59.	0.
2064	0000	-782	37.1028	81.4950	OMUU	0.6	1.3	4.6	2.23	0.28	7.97	959.	62.	0.
2065	0000	-783	37.1024	81.4950	OMUU	0.6	1.4	4.5	2.44	0.32	7.64	965.	64.	1.
2066	0000	-782	37.1021	81.4949	OMUU	0.6	1.3	4.9	2.15	0.26	8.14	990.	63.	2.
2067	0000	-780	37.1017	81.4949	OMUU	0.6	1.2	5.0	1.88	0.23	8.11	1007.	64.	2.
2068	0000	-779	37.1013	81.4948	OMUU	0.6	1.2	5.1	1.86	0.23	8.22	1008.	64.	2.
2069	0000	-780	37.1010	81.4948	OMUU	0.7	1.0	4.9	-1.57	0.21	7.54	1007.	62.	3.
2070	0000	-779	37.1007	81.4947	OMUU	0.6	0.9 -	4.9	1.56	0.19	8.25	974.	63.	4.
2071	0000	-778	37.1003	81.4946	SU	0.6 +	0.9	4.3	1.58 -	0.21	7.35 -	943.	64.	5.
2072	0000	-777	37.1000	81.4946	SU	0.6	0.7 -	4.2	1.29 -	0.18 -	7.34 -	910.	62.	6.
2073	0000	-775	37.0995	81.4946	SU	0.5	0.6 -	3.8	1.22 -	0.17 -	7.19 -	854.	62.	6.
2074	0000	-774	37.0992	81.4945	SU	0.5	0.6 -	3.4	1.26 -	0.18 -	6.83 -	800.	62.	6.
2075	0000	-775	37.0989	81.4945	SU	0.5	0.5 --	3.0	1.10 --	0.17 -	6.57 -	760.	67.	7.
2076	0000	-775	37.0985	81.4944	SU	0.4	0.6 -	2.8 -	1.48 -	0.22	6.75 -	717.	70.	6.
2077	0000	-774	37.0982	81.4944	SU	0.4	0.8	2.2 -	2.07	0.37	5.63 --	687.	71.	6.
2078	0000	-775	37.0978	81.4943	SU	0.4	0.9	2.2 -	2.49	0.42	5.97 -	664.	72.	4.
2079	0000	-773	37.0974	81.4943	OMUU	0.4	0.9 -	2.2 -	2.49	0.40 +	6.30	654.	74.	3.
2080	0000	-770	37.0971	81.4942	OMUU	0.3 -	0.9 -	2.2 -	2.88	0.42 +	6.88	639.	75.	3.
2081	0000	-771	37.0967	81.4941	OMUU	0.3 -	1.0	2.0 -	3.33	0.51 +	6.56	656.	74.	3.
2082	0000	-771	37.0964	81.4941	OMUU	0.3 -	1.1	2.2 -	3.58	0.51 +	7.07	664.	71.	3.
2083	0000	-772	37.0960	81.4940	OMUU	0.3 -	1.1	2.4 -	3.63	0.46 +	7.82	693.	70.	3.
2084	0000	-771	37.0957	81.4940	OMUU	0.4	1.1	2.9 -	2.99	0.37	8.09	742.	67.	4.
2085	0000	-770	37.0953	81.4939	OMUU	0.4	1.0 -	3.3 -	2.39	0.30	8.04	801.	65.	4.
2086	0000	-769	37.0950	81.4939	OMUU	0.5	1.2	3.3 -	2.54	0.36	7.00	853.	63.	5.
2087	0000	-769	37.0946	81.4938	OMUU	0.5	1.1	3.7 -	2.10	0.30	7.00	910.	65.	5.
2088	0000	-768	37.0942	81.4937	OMUU	0.6	1.1	4.2	1.76	0.26	6.81	951.	68.	6.
2089	0000	-767	37.0939	81.4937	OMUU	0.7	0.9 -	4.4	1.31	0.21	6.38	996.	69.	6.
2090	0000	-766	37.0935	81.4937	OMUU	0.7	0.8 -	4.5	1.12 -	0.18 -	6.39	1026.	69.	8.
2091	0000	-764	37.0932	81.4936	OMUU	0.7	0.9 -	4.4	1.23 -	0.20	6.06	1045.	72.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	PK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-764	37.0928	81.4935	OMUU	0.7	1.0	4.7	1.43	0.21	6.64	1056.	74.	8.
2093	0000	-765	37.0924	81.4935	OMUU	0.8	0.7 -	4.9	0.97 -	0.15 -	6.43	1062.	75.	8.
2094	0000	-765	37.0921	81.4935	OMUU	0.7	0.7 -	4.6	0.91 -	0.14 -	6.34	1055.	76.	8.
2095	0000	-765	37.0918	81.4933	OMUU	0.7	0.6 -	4.8	0.85 -	0.12 --	6.92	1071.	72.	8.
2096	0000	-764	37.0914	81.4933	OMUU	0.7	0.7 -	4.9	0.98 -	0.14 -	7.19	1057.	73.	8.
2097	0000	-763	37.0910	81.4933	OMUU	0.7	0.6 -	4.8	0.91 -	0.14 -	6.77	1065.	71.	9.
2098	0000	-763	37.0907	81.4932	OMUU	0.7	0.5 --	5.2	0.70 --	0.09 --	7.54	1056.	71.	9.
2099	0010	-763	37.0903	81.4931	OMUU	0.7	0.2 N.A.	4.9	0.35 N.A.	0.05 N.A.	6.91	1063.	69.	11.
2100	0010	-763	37.0900	81.4931	OMUU	0.7	0.5 N.A.	5.2	0.71 N.A.	0.09 N.A.	7.83	1085.	67.	11.
2101	0000	-762	37.0896	81.4931	OMUU	0.7	0.6 -	5.4	0.82 -	0.11 --	7.49	1133.	64.	11.
2102	0000	-759	37.0892	81.4930	OMUU	0.8	0.8 -	5.2	1.04 -	0.16 -	6.65	1171.	67.	11.
2103	0000	-760	37.0889	81.4930	OMUU	0.8	1.0 -	5.7	1.14 --	0.17 -	6.81	1239.	63.	11.
2104	0000	-760	37.0885	81.4929	OKU	0.9	1.2	6.5 +	1.37 -	0.19 -	7.36	1294.	64.	9.
2105	0000	-758	37.0882	81.4929	OKU	0.9	1.4	6.7 +	1.54	0.21 -	7.29	1357.	62.	8.
2106	0000	-758	37.0879	81.4928	OKU	0.9	1.7	7.0 +	1.82	0.24	7.61	1389.	60.	5.
2107	0000	-757	37.0875	81.4928	OKU	0.9	1.6	6.8 +	1.72	0.24	7.22	1395.	60.	4.
2108	0000	-755	37.0871	81.4927	OKU	0.9	1.8	6.7 +	2.05	0.28	7.44	1363.	61.	3.
2109	0000	-755	37.0868	81.4927	OKU	0.8	2.0	6.7 +	2.45	0.30	8.23	1335.	58.	2.
2110	0000	-756	37.0864	81.4926	OKU	0.8	2.0	6.1	2.61	0.33	7.81	1292.	58.	2.
2111	0000	-754	37.0861	81.4925	OKU	0.7	2.0	5.7	2.81	0.36	7.81	1234.	57.	2.
2112	0000	-752	37.0857	81.4925	OKU	0.7	2.1 +	5.6	3.05	0.37	8.05	1188.	55.	2.
2113	0000	-750	37.0853	81.4924	OKU	0.6	1.9	5.3	3.03	0.37	8.27	1141.	57.	4.
2114	0000	-749	37.0850	81.4924	OKU	0.6	1.9	5.2	3.13	0.36	8.59	1108.	57.	4.
2115	0000	-749	37.0846	81.4923	OKU	0.6	1.8	5.3	3.05	0.33	9.16	1101.	57.	5.
2116	0000	-748	37.0843	81.4923	OKU	0.5	1.7	5.5	3.13	0.30	10.51	1092.	57.	5.
2117	0000	-745	37.0839	81.4923	CCR-1	0.5	1.6	5.6	3.30	0.29	11.47 +	1091.	58.	6.
2118	0000	-745	37.0835	81.4922	CCR-1	0.5	1.7	5.2	3.45	0.32	10.72 +	1110.	58.	7.
2119	0000	-744	37.0832	81.4921	CCR-1	0.5	1.6	5.0	3.31	0.32	10.30	1116.	60.	7.
2120	0000	-742	37.0829	81.4921	CCR-1	0.5	1.9	4.9	3.78	0.39	9.78	1141.	61.	7.
2121	0000	-742	37.0825	81.4921	CCR-1	0.5	2.1	4.8	4.34 +	0.44	9.78	1176.	61.	7.
2122	0000	-741	37.0821	81.4919	CCR-1	0.5	2.5	5.0	5.26 +	0.49 +	10.65 +	1212.	61.	6.
2123	0000	-739	37.0818	81.4919	CCR-1	0.5	2.5 +	4.8	5.13 +	0.53 +	9.73	1240.	61.	6.
2124	0000	-739	37.0814	81.4919	CCR-1	0.5	2.8 +	4.9	5.99 +	0.57 +	10.[illegible]	1254.	62.	6.
2125	0000	-738	37.0811	81.4918	CCR-1	0.4	3.0 +	4.8	7.01 +	0.64 ++	10.94 +	1271.	64.	5.
2126	0000	-737	37.0807	81.4917	CCR-1	0.4	3.1 +	4.7	7.03 +	0.65 ++	10.86 +	1288.	62.	6.
2127	0000	-736	37.0803	81.4917	CCR-1	0.5	2.7 +	4.9	5.89 +	0.55 +	10.72 +	1280.	60.	6.
2128	0000	-733	37.0800	81.4917	CCR-1	0.4	2.5	4.8	5.77 +	0.51 +	11.21 +	1238.	63.	6.
2129	0000	-732	37.0796	81.4915	CCR-1	0.5	2.2	4.5	4.88 +	0.50 +	9.85	1190.	63.	7.
2130	0000	-732	37.0793	81.4915	CCR-1	0.5	2.0	3.9	4.29 +	0.51 +	8.34	1141.	62.	8.
2131	0000	-731	37.0790	81.4915	CCR-1	0.5	1.8	3.8	3.42	0.47	7.34	1114.	61.	8.
2132	0000	-731	37.0786	81.4914	CCR-1	0.6	1.5	3.6 -	2.47	0.40	6.10	1086.	60.	8.
2133	0000	-729	37.0782	81.4913	CCR-1	0.6	1.3	3.7	2.18	0.36	6.04	1073.	62.	7.
2134	0000	-727	37.0779	81.4913	OKU	0.7	1.6	3.8	2.29	0.44 +	5.27	1097.	63.	6.
2135	0000	-727	37.0775	81.4913	OKU	0.8	1.7	4.2	2.05	0.41	5.05 -	1167.	62.	5.
2136	0000	-727	37.0772	81.4912	OKU	0.9	1.8	4.5	2.05	0.40	5.17	1234.	64.	4.
2137	0000	-725	37.0768	81.4911	OKU	1.0	2.0	5.0	2.07	0.40	5.12	1319.	64.	3.
2138	0000	-725	37.0764	81.4911	OKU	1.0 +	2.3 +	5.4	2.18	0.42	5.18	1389.	64.	2.
2139	0000	-724	37.0761	81.4911	OKU	1.1 +	2.2 +	5.8	2.05	0.39	5.27	1432.	61.	1.
2140	0000	-721	37.0757	81.4910	OKU	1.1 +	2.3 +	5.7	2.11	0.41	5.12	1449.	61.	2.
2141	0000	-720	37.0754	81.4910	OKU	1.1 +	2.2 +	5.7	2.06	0.38	5.38	1430.	59.	2.
2142	0000	-720	37.0750	81.4909	OKU	1.0 +	2.2 +	5.2	2.19	0.43 +	5.09	1381.	59.	3.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-720	37.0746	81.4909	OKU	1.0 +	2.1 +	4.7	2.03	0.45 +	4.48 -	1348.	56.	4.
2144	0000	-718	37.0743	81.4909	OKU	1.0	1.9	4.3	1.91	0.45 +	4.29 -	1276.	59.	5.
2145	0000	-717	37.0739	81.4909	OKU	0.9	1.6	3.9	1.68	0.41 -	4.11 -	1213.	59.	6.
2146	0000	-716	37.0734	81.4908	OKU	0.8	1.4	3.9	1.72	0.37	4.67 -	1148.	61.	7.
2147	0000	-716	37.0731	81.4908	OKU	0.8	1.5	3.8	1.92	0.39	4.88 -	1119.	57.	7.
2148	0000	-715	37.0727	81.4908	OKU	0.8	1.4	3.8	1.90	0.38	5.05 -	1115.	58.	7.
2149	0000	-713	37.0723	81.4908	OKU	0.7	1.6	4.3	2.17	0.37	5.86	1154.	57.	7.
2150	0000	-713	37.0720	81.4907	OMUU	0.7	1.7	5.0	2.37	0.33	7.13	1201.	57.	7.
2151	0000	-712	37.0715	81.4907	OMUU	0.7	1.7	5.9	2.36	0.29	8.04	1286.	55.	6.
2152	0000	-711	37.0712	81.4907	OMUU	0.8	1.9	6.5	2.40	0.29	8.27	1383.	56.	6.
2153	0000	-712	37.0708	81.4907	OMUU	0.9	2.1 +	7.2	2.28	0.28	8.01	1486.	54.	5.
2154	0000	-711	37.0704	81.4907	OMUU	1.0	2.0 +	7.4	2.04	0.27	7.41	1571.	56.	4.
2155	0000	-710	37.0700	81.4907	OMUU	1.1	2.2 +	7.8 +	2.02	0.28	7.20	1652.	56.	4.
2156	0000	-709	37.0697	81.4907	OMUU	1.2 +	2.1 +	7.7 +	1.76	0.27	6.60	1688.	55.	4.
2157	0000	-710	37.0693	81.4906	OMUU	1.2 +	2.0	7.6 +	1.65	0.26	6.42	1698.	55.	4.
2158	0000	-710	37.0689	81.4906	OMUU	1.2 +	2.0 +	7.6 +	1.64	0.26	6.24	1703.	57.	4.
2159	0000	-708	37.0685	81.4906	OMUU	1.2 +	2.0 +	8.0 +	1.63	0.25	6.45	1701.	57.	4.
2160	0000	-707	37.0681	81.4906	OMUU	1.3 +	1.9	7.9 +	1.50	0.24	6.28	1693.	60.	4.
2161	0000	-709	37.0677	81.4906	OMUU	1.3 +	1.7	8.1 +	1.33	0.21	6.42	1677.	63.	4.
2162	0000	-709	37.0674	81.4906	OMUU	1.3 +	1.4	8.3 +	1.14 -	0.17 -	6.56	1665.	62.	5.
2163	0000	-708	37.0670	81.4905	OMUU	1.3 +	1.3	8.6 +	0.96 -	0.14 -	6.66	1665.	65.	6.
2164	0000	-707	37.0666	81.4905	OMUU	1.4 +	1.2	9.0 +	0.87 -	0.13 -	6.59	1678.	67.	6.
2165	0000	-708	37.0662	81.4905	OMUU	1.3 +	1.1	9.2 +	0.83 -	0.12 --	6.83	1683.	63.	6.
2166	0000	-707	37.0658	81.4905	OMUU	1.3 +	1.0 -	8.8 +	0.72 --	0.11 --	6.55	1675.	65.	8.
2167	0000	-707	37.0654	81.4904	OMUU	1.3 +	1.1	8.9 +	0.85 -	0.12 --	6.98	1662.	64.	8.
2168	0000	-708	37.0651	81.4904	OMUU	1.3 +	1.3	8.6 +	1.03 -	0.15 -	6.71	1662.	66.	7.
2169	0000	-707	37.0647	81.4904	OMUU	1.3 +	1.5	8.2 +	1.15 -	0.18 -	6.37	1661.	66.	6.
2170	0000	-707	37.0643	81.4904	OMUU	1.2 +	1.7	8.0 +	1.42	0.22	6.52	1658.	61.	4.
2171	0000	-707	37.0639	81.4904	OMUU	1.2 +	1.9	7.6 +	1.68	0.26	6.54	1633.	64.	3.
2172	0000	-707	37.0635	81.4904	OMUU	1.1	1.9	7.0	1.67	0.27	6.26	1607.	70.	2.
2173	0000	-707	37.0631	81.4904	OMUU	1.1	2.1 +	6.8	1.85	0.30	6.08	1602.	66.	2.
2174	0000	-706	37.0628	81.4904	OMUU	1.2 +	2.1 +	6.7	1.83	0.32	5.71 -	1604.	66.	1.
2175	0000	-706	37.0624	81.4902	OMUU	1.2 +	1.9	6.7	1.60	0.29	5.61 -	1603.	65.	2.
2176	0000	-704	37.0620	81.4902	OMUU	1.2 +	2.1 +	6.6	1.73	0.31	5.48 -	1600.	68.	2.
2177	0000	-704	37.0616	81.4902	OMUU	1.2 +	1.9	6.5	1.54	0.29	5.35 -	1582.	72.	3.
2178	0000	-705	37.0612	81.4902	OMUU	1.2 +	1.8	6.7	1.41	0.26	5.39 -	1593.	68.	4.
2179	0000	-705	37.0609	81.4902	OMUU	1.2 +	1.9	6.8	1.51	0.27	5.50 -	1567.	66.	4.
2180	0000	-703	37.0605	81.4902	OMUU	1.2 +	1.8	6.5	1.55	0.28	5.48 -	1492.	70.	4.
2181	0000	-702	37.0601	81.4902	SU	1.1 ++	1.7	6.0 +	1.55 -	0.28	5.50 --	1416.	70.	4.
2182	0000	-704	37.0597	81.4902	SU	1.0 +	1.6	5.7	1.68 -	0.28	6.00 -	1296.	70.	3.
2183	0000	-704	37.0593	81.4902	SU	0.8 +	1.3	5.4	1.65 -	0.25	6.58 -	1170.	70.	3.
2184	0000	-699	37.0589	81.4901	SU	0.7 +	1.2	4.9	1.80 -	0.25	7.12 -	1040.	67.	3.
2185	0000	-701	37.0586	81.4901	SU	0.6 +	0.9	4.3	1.57 -	0.22	7.26 -	887.	69.	3.
2186	0000	-703	37.0582	81.4901	SU	0.5	0.7 -	3.6	1.48 -	0.20	7.41 -	754.	69.	3.
2187	0000	-700	37.0578	81.4901	SU	0.4	0.6 -	3.1	1.53 -	0.19 -	8.19 -	660.	67.	3.
2188	0000	-699	37.0574	81.4900	SU	0.3	0.4 --	2.9 -	1.21 -	0.14 -	8.35 -	593.	65.	3.
2189	0000	-699	37.0571	81.4900	SU	0.3	0.4 --	2.3 -	1.33 -	0.19 -	7.14 -	546.	64.	4.
2190	0000	-698	37.0566	81.4900	SU	0.3	0.4 --	1.9 --	1.64 -	0.21	7.75 -	508.	61.	5.
2191	0000	-697	37.0563	81.4900	SU	0.3	0.4 --	2.0 --	1.50 -	0.19 -	7.80 -	486.	64.	4.
2192	0000	-696	37.0559	81.4899	SU	0.2	0.5 --	1.8 --	2.20	0.26	8.55	482.	64.	5.
2193	0000	-696	37.0555	81.4899	SU	0.2	0.6 -	1.7 --	2.84	0.35	8.24 -	482.	64.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 840, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-695	37.0552	81.4899	SU	0.2	0.6 -	1.7 --	2.45	0.32	7.57 -	501.	65.	5.
2195	0000	-694	37.0547	81.4899	SU	0.2 -	0.7 -	1.5 --	3.69	0.49 +	7.55 -	519.	65.	5.
2196	0000	-693	37.0544	81.4899	SU	0.2	1.0	2.1 -	4.62	0.47 +	9.80	576.	64.	4.
2197	0000	-692	37.0540	81.4899	SU	0.3	1.3	2.5 -	4.78	0.52 +	9.23	641.	63.	3.
2198	0000	-692	37.0536	81.4899	SU	0.3	1.7	2.5 -	6.73 +	0.68 ++	9.94	722.	60.	3.
2199	0000	-691	37.0532	81.4899	SU	0.3	1.9 +	3.1	5.94	0.61 +	9.68	803.	56.	2.
2200	0000	-691	37.0529	81.4899	SU	0.4	1.9 +	3.8	5.01	0.48 +	10.36	868.	57.	2.
2201	0000	-691	37.0524	81.4897	SU	0.3	2.0 +	4.2	5.66	0.46 +	12.19	917.	55.	1.
2202	0000	-690	37.0520	81.4897	SU	0.4	1.9 +	4.6	4.87	0.42	11.54	936.	55.	2.
2203	0000	-688	37.0517	81.4897	SU	0.4	1.8	4.9	4.42	0.36	12.21	936.	55.	2.
2204	0000	-687	37.0513	81.4897	SU	0.4	1.6	4.7	4.13	0.34	12.09	917.	56.	3.
2205	0000	-686	37.0509	81.4897	SU	0.4	1.3	4.5	3.30	0.30	11.16	870.	56.	4.
2206	0000	-684	37.0506	81.4897	DLMU-1	0.4	1.1	4.1	3.19	0.28	11.44	813.	59.	5.
2207	0000	-684	37.0502	81.4897	DLMU-1	0.3	1.1	3.7	3.44	0.30	11.32	779.	57.	5.
2208	0000	-684	37.0498	81.4897	DLMU-1	0.3	1.3	3.8	3.97	0.33	11.88	755.	59.	5.
2209	0000	-683	37.0494	81.4896	DLMU-1	0.3	1.5	3.7	5.75	0.40	14.32	772.	57.	5.
2210	0000	-683	37.0490	81.4896	DLMU-1	0.3	1.5	3.5	5.12	0.43	11.93	812.	55.	5.
2211	0000	-681	37.0487	81.4896	DLMU-1	0.3	1.6	4.2	4.60	0.39	11.88	884.	55.	4.
2212	0000	-681	37.0483	81.4896	DLMU-1	0.4	1.7	4.7	3.85	0.36	10.79	971.	55.	4.
2213	0000	-681	37.0479	81.4896	DLMU-1	0.5	1.9	5.2	3.56	0.38	9.47	1076.	51.	3.
2214	0000	-679	37.0475	81.4895	DLMU-1	0.7	2.1 +	5.3	3.19	0.40	7.94	1169.	51.	3.
2215	0000	-678	37.0471	81.4895	DLMU-1	0.8	1.8	5.4	2.39	0.34	7.05	1226.	50.	3.
2216	0000	-678	37.0467	81.4895	DLMU-1	0.9 +	1.5	5.5	1.74 -	0.28	6.14	1258.	50.	3.
2217	0000	-677	37.0464	81.4895	DLMU-1	0.9 +	1.4	5.8 +	1.53 -	0.24 --	6.41	1262.	52.	2.
2218	0000	-678	37.0460	81.4894	DLMU-1	0.9 +	1.3	5.5 +	1.50 -	0.24 -	6.15	1246.	51.	2.
2219	0000	-676	37.0455	81.4894	DLMU-1	0.9 +	1.4	5.8 +	1.59 -	0.23 -	6.75	1230.	49.	2.
2220	0000	-674	37.0452	81.4894	DLMU-1	0.8	1.3	5.7 +	1.67 -	0.23 -	7.34	1183.	52.	2.
2221	0000	-674	37.0448	81.4894	DLMU-1	0.7	1.1	5.9 +	1.63 -	0.19 -	8.42	1133.	52.	2.
2222	0000	-674	37.0444	81.4894	DLMU-1	0.6	1.2	5.9 +	1.79 -	0.20 -	9.12	1104.	53.	2.
2223	0000	-674	37.0441	81.4894	DLMU-1	0.6	1.3	6.1 +	2.32	0.21 -	11.00	1082.	53.	3.
2224	0000	-673	37.0437	81.4894	DLMU-1	0.5	1.4	5.6 +	2.96	0.25	11.81	1033.	54.	4.
2225	0000	-672	37.0433	81.4894	DLMU-1	0.4	1.3	5.7 +	2.91	0.22 -	13.02	997.	54.	4.
2226	0000	-672	37.0429	81.4893	DLMU-1	0.4	1.2	5.0	3.08	0.24	12.67	942.	56.	4.
2227	0000	-671	37.0425	81.4893	DLMU-1	0.4	1.2	4.7	2.97	0.25	11.89	918.	55.	4.
2228	0000	-670	37.0421	81.4893	DLMU-1	0.4	1.2	4.4	2.96	0.26	11.24	911.	55.	4.
2229	0000	-670	37.0418	81.4893	DLMU-1	0.5	1.3	4.5	2.92	0.30	9.83	936.	52.	4.
2230	0000	-670	37.0414	81.4893	DLMU-1	0.5	1.3	4.5	2.56	0.28	9.02	946.	53.	3.
2231	0000	-669	37.0410	81.4892	DLMU-1	0.6	1.3	4.7	2.32	0.28	8.19	1000.	50.	2.
2232	0000	-669	37.0406	81.4892	DLMU-1	0.7	1.3	4.9	1.88	0.26	7.22	1052.	51.	1.
2233	0000	-671	37.0402	81.4892	DLMU-1	0.7	1.3	5.4	1.80 -	0.25	7.30	1146.	50.	2.
2234	0000	-670	37.0398	81.4892	DLMU-1	0.8	1.4	5.5	1.81 -	0.26	6.90	1212.	51.	3.
2235	0000	-670	37.0395	81.4891	DLMU-1	0.9 +	1.6	6.0 +	1.81 -	0.26	6.99	1301.	50.	3.
2236	0000	-670	37.0391	81.4891	DLMU-1	0.9 +	1.5	6.0 +	1.64 -	0.24	6.76	1360.	52.	4.
2237	0000	-669	37.0387	81.4891	DLMU-1	1.0 +	1.6	6.3 +	1.64 -	0.25	6.47	1465.	51.	5.
2238	0000	-669	37.0383	81.4891	DLMU-1	1.1 +	1.6	6.9 +	1.49 -	0.23 -	6.45	1565.	53.	7.
2239	0000	-669	37.0379	81.4890	DLMU-1	1.1 +	1.8	7.0 ++	1.63 -	0.25	6.50	1643.	53.	7.
2240	0000	-668	37.0376	81.4890	DLMU-2	1.2	1.9	7.3 -	1.68	0.27	6.31	1719.	53.	7.
2241	0000	-668	37.0372	81.4890	DLMU-2	1.3	1.9	7.5 -	1.47	0.25	5.94	1806.	52.	8.
2242	0000	-668	37.0368	81.4890	DLMU-2	1.4	2.0	7.9	1.41	0.25	5.65	1891.	53.	8.
2243	0000	-669	37.0364	81.4889	DLMU-2	1.5	1.9	8.5	1.27	0.23	5.60	1985.	53.	8.
2244	0000	-668	37.0360	81.4889	DLMU-2	1.6	1.7	8.8	1.10 -	0.20 -	5.55	2051.	53.	9.

FLIGHT LINE 840, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-668	37.0356	81.4889	DLMU-2	1.6	1.6 -	9.2 +	0.99 -	0.17 -	5.67	2088.	53.	9.
2246	0000	-668	37.0353	81.4889	DLMU-2	1.7 +	1.6 -	9.7 +	0.93 -	0.16 -	5.76	2118.	54.	9.
2247	0000	-669	37.0349	81.4889	DLMU-2	1.7 +	1.4 -	9.9 +	0.84 --	0.14 --	5.89	2119.	55.	9.
2248	0000	-669	37.0345	81.4889	DLMU-2	1.7 +	1.4 -	10.3 ++	0.86 --	0.14 --	6.19	2132.	55.	9.
2249	0000	-669	37.0341	81.4889	DLMU-2	1.6	1.7 -	10.3 ++	1.02 -	0.16 -	6.26	2141.	56.	8.
2250	0000	-669	37.0337	81.4889	DLMU-2	1.6	2.0	10.2 +	1.25	0.20 -	6.35	2130.	56.	6.
2251	0000	-669	37.0333	81.4889	DLMU-2	1.6	2.3	9.9 +	1.48	0.23	6.32	2112.	58.	5.
2252	0000	-670	37.0330	81.4888	DLMU-2	1.6	2.6	9.8 +	1.61	0.26	6.09	2134.	55.	4.
2253	0000	-670	37.0326	81.4888	DLMU-2	1.6	2.6	9.3 +	1.60	0.28	5.78	2143.	56.	4.
2254	0000	-668	37.0322	81.4888	DLMU-2	1.7 +	2.6	9.3 +	1.58	0.29	5.52	2173.	55.	4.
2255	0000	-668	37.0318	81.4888	DLMU-2	1.6	3.0 +	8.7	1.83	0.34 +	5.39	2158.	55.	3.
2256	0000	-669	37.0314	81.4887	DLMU-2	1.6	2.6	8.5	1.69	0.31	5.48	2115.	55.	4.
2257	0000	-670	37.0311	81.4887	DLMU-2	1.6	2.5	8.8	1.59	0.29	5.51	2090.	53.	4.
2258	0000	-670	37.0307	81.4887	DLMU-2	1.6	2.5	8.6	1.62	0.29	5.50	2054.	52.	4.
2259	0000	-669	37.0303	81.4887	DB-2	1.5	2.6	8.0	1.77	0.33	5.41 -	1993.	55.	4.
2260	0000	-671	37.0299	81.4886	DB-2	1.4	2.8 +	8.0	2.00	0.35 +	5.71	1958.	55.	3.
2261	0000	-673	37.0295	81.4886	DB-2	1.3	2.8 +	7.7	2.15	0.37 +	5.82	1892.	58.	3.
2262	0000	-673	37.0292	81.4886	DB-2	1.3	2.7	7.8	2.05	0.34 +	6.04	1833.	60.	3.
2263	0000	-673	37.0287	81.4886	DB-2	1.2	2.8 +	7.8	2.21	0.35 +	6.25	1798.	59.	2.
2264	0000	-674	37.0284	81.4885	DB-2	1.2	2.7 +	7.6	2.37	0.36 +	6.58	1757.	59.	2.
2265	0000	-675	37.0280	81.4885	DB-2	1.1	2.7	7.7	2.40	0.34 +	6.96	1710.	60.	1.
2266	0000	-674	37.0276	81.4885	DB-2	1.0	2.7	7.7	2.55	0.35 +	7.39	1658.	61.	1.
2267	0000	-674	37.0273	81.4885	DB-2	1.0	2.6	7.4	2.46	0.35 +	7.10	1608.	61.	1.
2268	0000	-674	37.0269	81.4885	DB-2	1.0	2.4	7.5	2.32	0.32	7.19	1586.	58.	0.
2269	0000	-676	37.0265	81.4884	DB-2	1.1	2.3	7.6	2.11	0.30	7.15	1597.	56.	0.
2270	0000	-678	37.0261	81.4884	DB-2	1.1	2.2	7.4	2.01	0.29	6.86	1569.	58.	0.
2271	0000	-677	37.0257	81.4884	DB-2	1.1	2.1	7.1	1.99	0.30	6.60	1536.	61.	0.
2272	0000	-678	37.0254	81.4884	DB-2	1.1	2.1	6.8	1.92	0.30	6.33	1506.	61.	0.
2273	0000	-679	37.0250	81.4884	DB-2	1.1	2.0	6.9	1.90	0.29	6.51	1492.	59.	0.
2274	0000	-677	37.0246	81.4884	DB-2	1.0	2.0	6.8	1.94	0.29	6.66	1468.	59.	1.
2275	0000	-678	37.0242	81.4884	DB-2	0.9	2.0	6.6 -	2.14	0.31	7.00	1425.	62.	1.
2276	0000	-680	37.0238	81.4884	DB-2	0.9	1.9	6.4 -	2.16	0.30	7.14	1370.	62.	2.
2277	0000	-680	37.0234	81.4883	DB-2	0.9	1.9	6.3 -	2.13	0.30	7.21	1341.	61.	2.
2278	0000	-679	37.0231	81.4883	DB-2	0.8	1.8	6.2 -	2.20	0.29	7.47	1305.	63.	2.
2279	0000	-678	37.0227	81.4883	DB-2	0.8 -	1.5 -	6.2 -	1.96	0.24	8.00	1266.	63.	2.
2280	0000	-679	37.0223	81.4883	DB-2	0.8 -	1.4 -	5.7 -	1.89	0.25	7.60	1201.	65.	3.
2281	0000	-679	37.0219	81.4882	DB-2	0.7 -	1.2 -	5.8 -	1.64	0.20	8.15	1133.	66.	2.
2282	0000	-679	37.0215	81.4882	DB-2	0.7 -	0.9 --	5.5 -	1.41	0.17 -	8.16	1054.	64.	2.
2283	0000	-680	37.0211	81.4882	DB-2	0.6 -	0.8 --	4.8 --	1.31	0.17 -	7.61	964.	65.	2.
2284	0000	-679	37.0208	81.4882	DB-2	0.5 -	0.8 --	4.2 --	1.53	0.20	7.67	877.	64.	2.
2285	0000	-679	37.0204	81.4882	DB-1	0.5 +	0.6 -	3.9 +	1.13 -	0.14 --	7.94	785.	63.	2.
2286	0000	-679	37.0200	81.4881	DB-1	0.4 +	0.6 -	3.5 +	1.29 -	0.16 -	7.93	712.	62.	1.
2287	0000	-680	37.0196	81.4881	DB-1	0.4 +	0.4 --	3.2	0.94 -	0.12 --	7.57	652.	63.	2.
2288	0000	-680	37.0192	81.4881	DB-1	0.4	0.4 -	2.7	1.17 -	0.16 -	7.23	613.	63.	3.
2289	0000	-681	37.0188	81.4881	DB-1	0.4	0.5 -	2.3	1.30 -	0.21 -	6.21 -	589.	64.	3.
2290	0000	-682	37.0185	81.4881	DB-1	0.3	0.3 --	2.5	1.00 -	0.13 --	7.78	576.	67.	4.
2291	0000	-680	37.0181	81.4881	DB-1	0.3	0.4 --	2.8	1.23 -	0.14 --	9.03	578.	67.	4.
2292	0000	-680	37.0177	81.4881	DB-1	0.3	0.5 -	2.7	1.75 -	0.17 -	10.15	585.	66.	5.
2293	0000	-681	37.0173	81.4881	DB-1	0.3	0.5 -	2.5	1.68 -	0.20 -	8.42	588.	67.	5.
2234	0000	-679	37.0169	81.4880	DB-1	0.3	0.7	2.3	2.62	0.29 -	9.12	592.	64.	5.
2295	0000	-678	37.0165	81.4880	DB-1	0.3	0.7	2.7	2.66	0.25 -	10.75	597.	61.	4.

FLIGHT LINE 840, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-681	37.0162	81.4880	DB-1	0.2	0.6 -	3.0	2.46	0.20 -	13.02	608.	61.	4.
2297	0000	-681	37.0158	81.4880	DCH	0.2 -	1.0 -	2.7 -	4.05 +	0.38 +	11.30	628.	57.	2.
2298	0000	-680	37.0154	81.4879	DCH	0.2 -	0.7 --	2.9 -	3.06	0.24	13.55 +	610.	59.	3.
2299	0000	-681	37.0150	81.4879	DCH	0.3 -	0.7 --	2.8 -	2.45	0.24	10.30	608.	59.	3.
2300	0000	-681	37.0146	81.4879	DCH	0.3 -	0.5 --	2.9 -	2.14	0.19 -	11.25	605.	59.	4.
2301	0000	-681	37.0142	81.4879	DCH	0.2 -	0.3 --	3.1 -	1.05 -	0.08 ---	12.80 +	596.	60.	6.
2302	0000	-682	37.0139	81.4879	DCH	0.2 -	0.3 --	2.8 -	1.06 -	0.09 ---	11.58	596.	62.	7.
2303	0010	-681	37.0135	81.4878	MPR-1	0.2 --	0.2 N.A.	2.5 --	0.92 N.A.	0.09 N.A.	10.52	582.	62.	8.
2304	0010	-680	37.0131	81.4878	MPR-1	0.3 --	0.1 N.A.	2.6 --	0.20 N.A.	0.02 N.A.	10.08	572.	62.	10.
2305	0010	-682	37.0127	81.4878	MPR-1	0.3 --	0.0 N.A.	2.4 --	0.16 N.A.	0.02 N.A.	9.04	568.	59.	10.
2306	0010	-682	37.0123	81.4878	MPR-1	0.2 --	0.0 N.A.	2.2 ---	0.12 N.A.	0.01 N.A.	8.82	565.	61.	10.
2307	0010	-683	37.0120	81.4877	MPR-1	0.2 --	0.1 N.A.	2.3 --	0.52 N.A.	0.05 N.A.	9.65	558.	61.	10.
2308	0000	-685	37.0116	81.4877	MPR-1	0.2 --	0.4 --	2.1 ---	1.76	0.20 -	8.93	576.	59.	9.
2309	0010	-684	37.0112	81.4877	MPR-1	0.3 --	0.4 N.A.	2.4 --	1.38 N.A.	0.15 N.A.	9.03	577.	59.	7.
2310	0000	-684	37.0108	81.4877	MPR-1	0.2 --	0.5 --	2.5 --	2.16	0.21	10.13	588.	59.	6.
2311	0000	-686	37.0104	81.4877	MPR-1	0.2 --	0.6 -	2.4 --	2.56	0.27	9.53	584.	61.	4.
2312	0000	-687	37.0100	81.4877	MPR-1	0.3 --	0.8 -	2.4 --	2.71	0.33 +	8.27	603.	64.	3.
2313	0000	-687	37.0097	81.4877	MPR-1	0.3 --	0.8 -	2.7 --	3.13	0.31	9.97	624.	63.	2.
2314	0000	-687	37.0093	81.4876	MPR-1	0.3 --	1.0 -	2.7 --	3.47	0.36	9.68	659.	63.	2.
2315	0000	-688	37.0089	81.4876	MPR-1	0.3 --	0.8 -	3.3 --	2.50	0.24	10.26	692.	61.	2.
2316	0000	-688	37.0085	81.4876	MPR-1	0.3 -	0.9 -	3.3 -	2.57	0.27	9.57	746.	61.	4.
2317	0000	-688	37.0081	81.4876	MPR-1	0.4 -	0.7 -	3.9 -	1.65	0.17 -	9.82	804.	62.	5.
2318	0000	-687	37.0077	81.4876	MPR-1	0.4 -	0.5 --	4.1 -	1.11 -	0.12 --	9.45	849.	60.	6.
2319	0000	-687	37.0074	81.4876	MPR-1	0.4 -	0.6 --	4.3 -	1.27 -	0.13 --	9.74	874.	59.	7.
2320	0000	-689	37.0070	81.4875	MPR-1	0.4 -	0.7 -	4.5 -	1.52	0.15 --	9.97	901.	58.	8.
2321	0000	-690	37.0066	81.4875	MPR-1	0.4 -	0.6 -	4.6 -	1.59	0.14 --	11.17	902.	58.	8.
2322	0000	-690	37.0062	81.4875	MPR-1	0.4 -	0.5 --	4.1 -	1.55	0.15 --	10.45	889.	59.	8.
2323	0000	-690	37.0058	81.4875	MPR-1	0.4 -	0.5 --	4.2 -	1.33 -	0.13 --	10.24	862.	61.	8.
2324	0000	-691	37.0054	81.4874	MPR-1	0.4 -	0.7 -	4.2 -	1.92	0.17 -	11.42	826.	58.	8.
2325	0000	-693	37.0051	81.4874	MPR-1	0.3 -	0.9 -	4.3 -	2.59	0.21	12.59	814.	59.	7.
2326	0000	-694	37.0047	81.4874	MPR-1	0.3 --	1.0 -	4.2 -	3.07	0.24	12.85	816.	56.	8.
2327	0000	-694	37.0043	81.4874	MPR-1	0.3 --	0.9 -	4.0 -	2.79	0.22	12.58	794.	56.	8.
2328	0000	-695	37.0039	81.4874	MPR-1	0.4 -	0.9 -	4.0 -	2.61	0.23	11.31	790.	57.	8.
2329	0000	-695	37.0036	81.4874	MPR-1	0.4 -	1.0 -	4.5 -	2.77	0.22	12.36	797.	60.	7.
2330	0000	-696	37.0032	81.4874	DCH	0.3 -	1.1 -	4.3 -	3.29	0.26	12.45	807.	59.	7.
2331	0000	-697	37.0028	81.4874	DCH	0.4 -	1.2 -	4.0 -	3.35	0.31	10.73	812.	61.	7.
2332	0000	-697	37.0024	81.4872	DCH	0.3 -	1.2 -	3.8 -	3.60 +	0.32	11.18	803.	61.	6.
2333	0000	-698	37.0020	81.4872	DCH	0.3 -	1.1 -	3.7 -	3.40 +	0.31	11.03	770.	63.	6.
2334	0000	-699	37.0017	81.4872	DCH	0.3 -	1.1 -	3.7 -	3.40 +	0.31	11.03	770.	63.	6.
2335	0000	-699	37.0012	81.4872	DCH	0.3 -	1.1 -	3.7 -	3.40 +	0.31	11.03	770.	63.	6.
2336	0000	-701	37.0009	81.4872	DB-1	0.3	1.1	3.7 +	3.40	0.31	11.03	770.	63.	6.

FLIGHT LINE 860, DAY 294

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-893	37.0009	81.1629	DCH	0.5 -	1.9	7.5	3.60 +	0.26	13.87 +	1322.	64.	3.
2	0000	-894	37.0014	81.1631	DB-2	0.5 -	1.9	7.5	3.60 +	0.26	13.87 ++	1322.	64.	3.
3	0000	-894	37.0019	81.1631	DB-2	0.5 -	1.9	7.5	3.60 +	0.26	13.87 ++	1322.	64.	3.
4	0000	-893	37.0023	81.1631	DB-2	0.5 -	1.9	7.5	3.60 +	0.26	13.87 ++	1322.	64.	3.
5	0000	-892	37.0028	81.1631	DB-2	0.5 -	2.1	7.6	4.21 ++	0.28	14.99 ++	1358.	64.	1.
6	0000	-892	37.0033	81.1631	DB-2	0.6 -	2.5	7.7	4.18 ++	0.32	12.88 ++	1417.	62.	1.
7	0000	-890	37.0037	81.1631	DB-2	0.7 -	2.5	8.3	3.57 +	0.30	11.98 +	1511.	63.	1.
8	0000	-891	37.0042	81.1631	DB-2	0.8 -	2.8 +	9.0	3.64 +	0.31	11.73 +	1631.	61.	0.
9	0000	-889	37.0047	81.1631	DB-2	0.9	3.0 +	9.5	3.37 +	0.32	10.64 +	1757.	59.	0.
10	0000	-890	37.0052	81.1631	DB-2	1.0	3.3 ++	9.9 +	3.28 +	0.33	9.92 +	1855.	60.	1.
11	0000	-889	37.0056	81.1631	DB-2	1.1	3.3 ++	10.2 +	3.00 +	0.32	9.36	1934.	58.	1.
12	0000	-889	37.0061	81.1631	DB-2	1.2	3.3 ++	10.4 +	2.73 +	0.32	8.53	1995.	58.	2.
13	0000	-891	37.0066	81.1631	DB-2	1.3	3.2 +	10.3 +	2.43	0.31	7.89	2030.	58.	3.
14	0000	-889	37.0071	81.1631	DB-2	1.4	3.3 ++	9.7	2.37	0.34	7.03	2057.	59.	4.
15	0000	-886	37.0076	81.1631	DB-2	1.4	3.0 +	9.6	2.11	0.32	6.65	2033.	60.	5.
16	0000	-887	37.0080	81.1631	DLMU-2	1.4	2.9 +	9.2	2.06	0.32	6.48	1979.	62.	5.
17	0000	-884	37.0085	81.1631	DLMU-2	1.4	2.7	9.5 +	1.98	0.29	6.96	1937.	62.	5.
18	0000	-884	37.0090	81.1632	DLMU-2	1.4	2.6	9.3 +	1.88	0.28	6.71	1913.	60.	5.
19	0000	-885	37.0094	81.1632	DLMU-2	1.4	2.2	9.1	1.64	0.25	6.69	1867.	60.	6.
20	0000	-884	37.0099	81.1632	DLMU-2	1.3	2.1	8.7	1.64	0.24	6.82	1812.	59.	6.
21	0000	-883	37.0104	81.1632	DLMU-2	1.2	1.8	8.5	1.50	0.22	6.93	1757.	58.	6.
22	0000	-882	37.0109	81.1632	DLMU-2	1.2	2.1	8.3	1.78	0.25	7.10	1728.	55.	6.
23	0000	-882	37.0113	81.1632	DLMU-2	1.2	1.8	8.2	1.57	0.22	7.02	1717.	56.	7.
24	0000	-884	37.0118	81.1632	DLMU-2	1.2	1.6 -	7.7	1.32	0.21 -	6.28	1699.	57.	7.
25	0000	-883	37.0123	81.1632	DLMU-2	1.2	1.6 -	7.8	1.36	0.20 -	6.72	1683.	56.	7.
26	0000	-879	37.0128	81.1633	DLMU-2	1.2	1.6 -	7.6	1.39	0.22	6.43	1665.	57.	7.
27	0000	-879	37.0132	81.1633	DLMU-2	1.2	1.7 -	7.9	1.48	0.22	6.86	1654.	56.	6.
28	0000	-878	37.0137	81.1633	DLMU-2	1.1	1.7 -	7.5 -	1.52	0.23	6.64	1598.	56.	6.
29	0000	-879	37.0142	81.1633	DLMU-2	1.1	1.6 -	7.0 -	1.47	0.23	6.47	1542.	59.	5.
30	0000	-878	37.0147	81.1633	STC-2	1.0 +	1.6	6.5	1.60 -	0.25	6.43 -	1465.	59.	5.
31	0000	-877	37.0151	81.1633	STC-2	0.9 +	1.8	6.3	2.00	0.29	6.91 -	1415.	58.	4.
32	0000	-878	37.0156	81.1633	STC-2	0.9 +	1.9	5.6	2.15	0.33	6.50 -	1339.	61.	4.
33	0000	-878	37.0161	81.1633	STC-2	0.7	1.8	5.5	2.42	0.32	7.57	1254.	60.	4.
34	0000	-874	37.0165	81.1633	STC-2	0.6	1.7	5.2	2.56	0.32	8.00	1180.	61.	5.
35	0000	-873	37.0170	81.1633	STC-2	0.5	1.8	5.2	3.33	0.34	9.75	1118.	59.	6.
36	0000	-874	37.0175	81.1633	STC-2	0.4	1.6	4.9	3.70	0.33	11.30	1051.	59.	7.
37	0000	-873	37.0180	81.1633	STC-2	0.4	1.6	5.1	4.13	0.31	13.25	1014.	59.	8.
38	0000	-874	37.0185	81.1633	STC-2	0.3	1.4	5.1	4.17	0.28	14.96	973.	60.	10.
39	0000	-877	37.0189	81.1633	STC-2	0.3	1.4	5.0	4.60	0.27	17.04	946.	60.	11.
40	0000	-877	37.0194	81.1633	STC-2	0.2 -	1.5	4.9	6.34 +	0.32	20.10 +	939.	62.	11.
41	0000	-875	37.0199	81.1633	STC-2	0.2 -	1.5	4.7	6.28 +	0.32	19.60 +	917.	62.	12.
42	0000	-872	37.0204	81.1634	STC-2	0.3 -	1.3	4.9	4.93 +	0.27	18.37 +	925.	62.	13.
43	0000	-871	37.0208	81.1634	STC-2	0.3	1.2	4.8	4.21	0.25	16.85	925.	63.	13.
44	0000	-871	37.0213	81.1634	OMUU	0.3 -	1.2	4.9	4.26 +	0.25	17.04 +	941.	61.	12.
45	0000	-872	37.0218	81.1634	OMUU	0.3 -	1.3	5.2	4.75 +	0.25	19.32 ++	946.	62.	10.
46	0000	-872	37.0222	81.1634	OMUU	0.3 -	1.2	5.5	4.28 +	0.22	19.81 ++	937.	62.	8.
47	0000	-874	37.0227	81.1634	OMUU	0.3 -	1.3	5.3	4.24 +	0.25	16.99 +	922.	61.	7.
48	0000	-872	37.0232	81.1634	OMUU	0.3 -	1.3	5.0	4.10 +	0.26	15.92 +	904.	61.	6.
49	0000	-872	37.0237	81.1634	OMUU	0.3 -	1.2	4.5	3.90 +	0.28	14.18 +	873.	63.	5.
50	0000	-874	37.0241	81.1635	OMUU	0.3 -	1.4	4.4	5.33 +	0.33	16.22 +	843.	64.	4.
51	0000	-874	37.0246	81.1635	OMUU	0.2 -	1.4	4.0	5.87 +	0.35	16.81 +	784.	66.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-872	37.0251	81.1635	OMUU	0.2 -	1.4	3.4 -	6.07 +	0.41 +	14.85 +	738.	65.	4.
53	0000	-874	37.0256	81.1635	OMUU	0.2 -	1.4	3.1 -	6.05 +	0.46 +	13.04 +	711.	65.	3.
54	0000	-872	37.0260	81.1635	OMUU	0.2 -	1.2	3.0 -	5.41 +	0.40 +	13.62 +	679.	65.	4.
55	0000	-871	37.0265	81.1635	OMUU	0.2 -	1.2	3.1 -	6.17 +	0.38 +	16.14 +	647.	67.	4.
56	0000	-873	37.0270	81.1635	OMUU	0.2 --	1.2	3.2 -	7.78 ++	0.39 +	20.19 ++	618.	69.	3.
57	0000	-873	37.0275	81.1635	OMUU	0.2 --	1.3	2.9 -	7.62 ++	0.45 +	16.83 +	600.	67.	2.
58	0000	-868	37.0279	81.1636	OMUU	0.2 -	1.2	2.6 -	6.42 +	0.45 +	14.11 +	584.	67.	3.
59	0000	-870	37.0284	81.1636	OMUU	0.2 -	1.0	2.7 -	5.24 +	0.38 +	13.81 +	571.	70.	4.
60	0000	-870	37.0289	81.1636	OMUU	0.2 -	1.0 -	2.5 -	5.25 +	0.38 +	13.67 +	552.	72.	5.
61	0000	-868	37.0294	81.1636	OMUU	0.2 --	1.1	2.3 -	6.05 +	0.47 +	12.96 +	537.	73.	5.
62	0000	-871	37.0298	81.1636	OMUU	0.2 --	1.0 -	2.3 -	5.74 +	0.44 +	13.16 +	540.	72.	5.
63	0000	-873	37.0303	81.1636	OMUU	0.2 --	0.8 -	2.6 -	4.44 +	0.31	14.33 +	544.	72.	7.
64	0000	-866	37.0308	81.1636	OMUU	0.2 -	0.4 --	3.1 -	1.87	0.14 -	13.08 +	557.	75.	8.
65	0000	-865	37.0313	81.1636	OMUU	0.2 -	0.6 -	3.1 -	2.44	0.18 -	13.31 +	592.	74.	7.
66	0000	-870	37.0317	81.1636	OMUU	0.3 -	0.7 -	3.1 -	2.66	0.23	11.74	634.	73.	7.
67	0000	-869	37.0322	81.1636	OMUU	0.3 -	0.8 -	3.4 -	2.76	0.24	11.70	692.	71.	8.
68	0000	-870	37.0327	81.1636	OMUU	0.4	0.6 -	3.8	1.55	0.15 -	10.48	751.	71.	8.
69	0000	-872	37.0332	81.1636	OMUU	0.5	0.6 -	4.1	1.28	0.14 -	8.93	821.	69.	8.
70	0000	-870	37.0336	81.1636	OMUU	0.5	0.7 -	4.3	1.45	0.16 -	8.93	871.	71.	7.
71	0000	-875	37.0341	81.1636	OMUU	0.5	0.9 -	4.2	2.01	0.22	9.06	911.	69.	7.
72	0000	-872	37.0346	81.1636	OMUU	0.5	0.6 -	4.8	1.26 -	0.13 -	9.46	924.	70.	8.
73	0000	-863	37.0350	81.1636	OMUU	0.5	0.6 -	4.9	1.15 -	0.11 --	10.10	918.	69.	8.
74	0000	-865	37.0355	81.1637	OMUU	0.5	0.5 --	4.8	1.09 -	0.11 --	10.01	905.	69.	8.
75	0000	-873	37.0360	81.1637	OMUU	0.4	0.7 -	4.8	1.60	0.15 -	10.66	904.	67.	8.
76	0000	-870	37.0365	81.1637	OMUU	0.4	0.7 -	4.8	1.93	0.15 -	12.55 +	878.	67.	8.
77	0000	-868	37.0369	81.1637	OMUU	0.4	0.6 -	4.8	1.57	0.13 -	11.93	863.	65.	8.
78	0000	-868	37.0374	81.1638	OMKL-1	0.4	0.7 -	4.9 +	1.64	0.14 -	11.83	862.	64.	8.
79	0000	-867	37.0379	81.1638	OMKL-1	0.4	1.0	4.6	2.28	0.22	10.22	889.	61.	6.
80	0000	-869	37.0384	81.1638	OMKL-1	0.5	1.3	4.5	2.67	0.28	9.54	907.	59.	5.
81	0000	-870	37.0388	81.1638	OMKL-1	0.5	1.3	4.5	2.57	0.28	9.06	910.	60.	4.
82	0000	-867	37.0393	81.1638	OMKL-1	0.5	1.5	4.2	3.11	0.35	8.90	907.	61.	3.
83	0000	-867	37.0398	81.1638	OMKL-1	0.5	1.5	4.1	3.02	0.36	8.42	895.	61.	2.
84	0000	-862	37.0403	81.1638	OMKL-1	0.5	1.8 +	3.6	3.70	0.50 +	7.46	909.	59.	1.
85	0000	-855	37.0407	81.1638	OMKL-1	0.5	1.8 +	3.6	3.89	0.51 ++	7.57	907.	59.	0.
86	0000	-857	37.0412	81.1638	OMKL-1	0.5	1.7 +	4.0	3.69	0.43 +	8.52 -	920.	60.	1.
87	0000	-861	37.0417	81.1638	OMKL-1	0.5	1.8 +	4.4	4.03	0.42 +	9.67	946.	61.	1.
88	0000	-863	37.0422	81.1638	OMKL-1	0.5	1.8 +	4.4	3.70	0.40	9.35	972.	60.	1.
89	0000	-861	37.0426	81.1638	OMKL-1	0.5	1.5	4.7	2.98	0.33	9.15	1008.	60.	2.
90	0000	-856	37.0431	81.1639	OMKL-1	0.5	1.6 +	5.0 +	2.94	0.32	9.25	1069.	59.	5.
91	0000	-857	37.0436	81.1639	OMKL-2	0.6	1.5	5.9	2.61	0.25	10.45	1138.	58.	6.
92	0000	-856	37.0441	81.1639	OMKL-2	0.7 +	1.3 --	6.2	1.90 --	0.20 -	9.38 -	1217.	58.	9.
93	0000	-853	37.0445	81.1639	OMKL-2	0.6	1.5	6.2	2.37	0.24	10.09 -	1278.	61.	11.
94	0000	-853	37.0450	81.1639	OMKL-2	0.6 +	1.3 --	6.5	1.99 -	0.20 -	10.12 -	1322.	62.	12.
95	0000	-852	37.0455	81.1639	OMKL-2	0.6 +	1.4	7.6 +	2.25 -	0.19 -	11.85	1386.	62.	13.
96	0000	-849	37.0460	81.1639	OMKL-2	0.7 +	1.5	8.2 ++	2.30 -	0.18 -	12.53	1441.	60.	12.
97	0000	-851	37.0464	81.1639	OMKL-2	0.7 +	1.4	8.5 ++	2.13 -	0.17 --	12.67	1463.	61.	11.
98	0000	-851	37.0469	81.1640	OMKL-2	0.6 +	1.6	7.9 +	2.46	0.20 -	12.31	1439.	64.	10.
99	0000	-851	37.0474	81.1640	OMKL-2	0.6	1.7 +	7.8 +	3.06	0.22	14.01 +	1395.	62.	8.
100	0000	-852	37.0479	81.1640	OMKL-2	0.5	1.7 +	7.8 +	3.10	0.22	14.29 +	1340.	62.	6.
101	0000	-850	37.0483	81.1640	OMKL-2	0.5	1.7 +	7.2	3.28 +	0.24	13.55 +	1285.	61.	5.
102	0000	-849	37.0488	81.1640	OMKL-2	0.5 -	1.6	6.3	3.27	0.25	13.07 +	1204.	58.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-854	37.0493	81.1640	OMKL-1	0.4	1.6	5.3 +	4.07	0.30	13.64 +	1100.	59.	6.
104	0000	-849	37.0497	81.1640	OMKL-1	0.3 -	1.7 +	4.6	5.56 +	0.37	14.99 +	1003.	57.	6.
105	0000	-841	37.0502	81.1640	OMKL-1	0.3 -	1.5	4.1	5.64 +	0.37	15.13 +	903.	58.	6.
106	0000	-844	37.0507	81.1640	OMKL-1	0.2 -	1.3	3.6	5.99 +	0.37	16.24 +	822.	59.	7.
107	0000	-851	37.0512	81.1640	OMKL-1	0.2 -	1.4	3.1 -	8.00 +	0.45 +	17.76 +	741.	59.	6.
108	0000	-848	37.0516	81.1640	OMKL-1	0.1 -	1.3	3.0 -	8.59 +	0.42 +	20.60 ++	669.	58.	6.
109	0000	-845	37.0521	81.1640	OMKL-1	0.1 --	1.3	2.6 --	8.90 ++	0.49 +	18.08 +	615.	58.	5.
110	0000	-847	37.0526	81.1640	OMKL-1	0.1 --	1.3	2.5 --	9.67 ++	0.54 ++	17.98 +	589.	58.	3.
111	0000	-844	37.0531	81.1640	OCH	0.1 -	1.3	2.4 -	9.81 ++	0.54 +	18.03 +	569.	58.	3.
112	0000	-840	37.0535	81.1640	OCH	0.1 -	1.4	2.3 -	10.63 ++	0.60 +	17.71 +	558.	56.	2.
113	0000	-842	37.0540	81.1640	OCH	0.1 --	1.4	2.3 -	12.48 ++	0.59 +	21.01 ++	548.	53.	1.
114	0000	-848	37.0545	81.1642	OCH	0.1 -	1.2	2.0 -	10.00 ++	0.59 +	16.95 +	548.	52.	1.
115	0000	-849	37.0550	81.1642	CCR-1	0.1 --	1.3	1.9 --	10.17 ++	0.72 +++	14.15 +	569.	53.	2.
116	0000	-845	37.0554	81.1642	CCR-1	0.1 ---	1.5	1.9 --	11.56 ++	0.77 +++	14.92 +	592.	57.	2.
117	0000	-838	37.0559	81.1642	CCR-1	0.2 --	1.4	2.1 --	8.23 ++	0.68 ++	12.06 +	629.	58.	3.
118	0000	-838	37.0564	81.1642	CCR-1	0.2 --	1.6	2.2 --	7.34 ++	0.73 +++	10.11	695.	58.	3.
119	0000	-841	37.0569	81.1642	CCR-1	0.3 -	1.6	2.9 -	4.75 +	0.54 +	8.75	810.	57.	3.
120	0000	-836	37.0573	81.1642	CCR-1	0.5	1.8	3.6	3.43	0.48	7.14	944.	56.	4.
121	0000	-836	37.0578	81.1642	CCR-1	0.6	2.0	4.1	3.28	0.48	6.82	1069.	55.	4.
122	0000	-841	37.0583	81.1642	CCR-1	0.7	2.0	4.7	2.73	0.42	6.52	1182.	54.	3.
123	0000	-836	37.0587	81.1642	CCR-1	0.8	2.1	5.3	2.68	0.40	6.79	1269.	52.	3.
124	0000	-834	37.0592	81.1642	CCR-1	0.8	2.1	5.7	2.59	0.37	6.98	1311.	53.	2.
125	0000	-837	37.0597	81.1642	CCR-1	0.8	2.1	6.1	2.56	0.34	7.49	1338.	53.	2.
126	0000	-834	37.0602	81.1642	CCR-1	0.8	2.3	6.1	2.99	0.38	7.92	1327.	55.	2.
127	0000	-835	37.0607	81.1642	CCR-1	0.7	2.4	5.7	3.65	0.43	8.45	1294.	55.	2.
128	0000	-836	37.0611	81.1642	CCR-1	0.6	2.3	5.6	3.64	0.41	8.82	1258.	57.	2.
129	0000	-830	37.0616	81.1642	CCR-1	0.6	2.4	5.5	4.36 +	0.44	9.85	1192.	57.	3.
130	0000	-833	37.0621	81.1642	CCR-1	0.5	2.2	5.0	4.29 +	0.44	9.79	1145.	55.	4.
131	0000	-838	37.0625	81.1643	CCR-1	0.5	2.2	4.5	4.62 +	0.49	9.42	1120.	53.	6.
132	0000	-835	37.0630	81.1643	CCR-1	0.5	2.2	4.3	4.61 +	0.50 +	9.13	1096.	53.	7.
133	0000	-831	37.0635	81.1643	CCR-1	0.4 -	2.1	4.3	5.39 +	0.50 +	10.87 +	1068.	53.	8.
134	0000	-828	37.0640	81.1643	CCR-1	0.4 -	1.9	4.0	5.38 +	0.48	11.32 +	1024.	55.	9.
135	0000	-829	37.0644	81.1643	CCR-1	0.3 -	1.8	4.0	5.59 +	0.46	12.12 +	1008.	55.	9.
136	0000	-831	37.0649	81.1643	CCR-1	0.3 -	1.7	4.0	5.98 +	0.43	13.78 +	986.	60.	9.
137	0000	-832	37.0654	81.1643	CCR-1	0.3 -	1.8	4.0	6.43 +	0.45	14.27 +	983.	62.	9.
138	0000	-834	37.0659	81.1644	CCR-1	0.3 -	1.8	4.3	6.67 +	0.41	16.40 +	972.	62.	8.
139	0000	-832	37.0663	81.1644	CCR-1	0.3 -	1.7	4.1	6.22 +	0.42	14.89 +	933.	64.	8.
140	0000	-831	37.0668	81.1644	CCR-1	0.3 -	1.6	3.8	5.63 +	0.43	13.05 +	903.	63.	7.
141	0000	-831	37.0672	81.1644	CCR-1	0.3 -	1.7	3.7	6.51 +	0.47	13.77 +	881.	62.	6.
142	0000	-827	37.0678	81.1644	CCR-1	0.2 --	1.8	3.5 -	8.00 ++	0.51 +	15.72 +	830.	60.	5.
143	0000	-828	37.0682	81.1644	CCR-1	0.2 -	1.8	3.1 -	7.54 ++	0.57 +	13.25 +	813.	55.	4.
144	0000	-832	37.0687	81.1644	CCR-1	0.2 -	1.7	3.1 -	7.26 ++	0.54 +	13.40 +	791.	53.	3.
145	0000	-829	37.0692	81.1644	CN	0.2 -	1.9	2.8 -	7.58 +	0.68 ++	11.16 +	789.	53.	2.
146	0000	-832	37.0697	81.1644	CN	0.3 -	2.1	3.2 -	6.59 +	0.65 ++	10.16 +	863.	54.	2.
147	0000	-834	37.0701	81.1644	CN	0.5	2.1	3.2 -	4.37 +	0.67 ++	6.51	969.	57.	1.
148	0000	-828	37.0706	81.1644	CN	0.6	2.4	3.3 -	3.83	0.71 ++	5.40	1078.	58.	1.
149	0000	-827	37.0710	81.1644	CN	0.8	2.6	3.6 -	3.39	0.72 ++	4.72	1190.	60.	2.
150	0000	-829	37.0715	81.1644	CN	0.8	2.8 +	4.5	3.40	0.61 +	5.56	1285.	62.	2.
151	0000	-824	37.0720	81.1644	CHK-1	0.9	2.9 ++	4.5	3.42	0.65 ++	5.30	1358.	62.	2.
152	0000	-825	37.0725	81.1644	CHK-1	0.9	3.0 ++	5.0	3.47	0.61 +	5.70	1426.	62.	3.
153	0000	-826	37.0729	81.1644	CHK-1	0.9	3.0 ++	5.1	3.48	0.58 +	5.96	1446.	62.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-823	37.0734	81.1645	CHK-1	0.8	3.1 ++	5.5	4.04	0.56 +	7.17	1436.	60.	3.
155	0000	-821	37.0739	81.1645	CHK-1	0.7	2.9 ++	6.0 +	4.08	0.48	8.49	1438.	60.	4.
156	0000	-820	37.0744	81.1645	CHK-1	0.7	2.7 +	6.0 +	3.94	0.46	8.63	1429.	59.	5.
157	0000	-820	37.0748	81.1645	CHK-1	0.7	2.4	5.9 +	3.26	0.40	8.09	1434.	59.	7.
158	0000	-822	37.0753	81.1645	CHK-2	0.7	2.3	6.5 -	3.21	0.35	9.23	1447.	60.	8.
159	0000	-821	37.0758	81.1645	CHK-2	0.7	2.0	6.7	2.79	0.30	9.43	1430.	60.	9.
160	0000	-820	37.0763	81.1645	CHK-2	0.6 -	2.0	6.6 -	3.12	0.31	10.20	1399.	58.	11.
161	0000	-816	37.0767	81.1645	CHK-2	0.6 -	1.6 -	6.4 -	2.70	0.25 -	10.68	1353.	60.	12.
162	0000	-818	37.0773	81.1645	CHK-2	0.6 -	1.5 -	6.1 -	2.74	0.25 -	11.02	1315.	59.	13.
163	0000	-823	37.0779	81.1645	CHK-2	0.5 -	1.4 -	6.5 -	3.02	0.22 -	13.69 +	1292.	61.	14.
164	0000	-820	37.0784	81.1645	CHK-2	0.4 -	1.6 -	6.5 -	3.99 +	0.24 -	16.32 +	1265.	64.	14.
165	0000	-819	37.0790	81.1645	CHK-2	0.4 -	1.6 -	6.7	3.88 +	0.24 -	16.31 +	1284.	64.	13.
166	0000	-821	37.0795	81.1645	CHK-2	0.4 -	1.9 -	7.2	4.59 +	0.27	17.14 +	1360.	64.	12.
167	0000	-817	37.0801	81.1645	CHK-2	0.5 -	2.0	8.4	4.25 +	0.23 -	18.09 +	1464.	64.	10.
168	0000	-817	37.0807	81.1645	CHK-2	0.5 -	2.3	9.2 +	4.91 +	0.25 -	19.45 +	1575.	62.	9.
169	0000	-819	37.0813	81.1645	CHK-2	0.5 -	2.7	10.0 ++	5.79 +	0.27	21.57 +	1670.	64.	7.
170	0000	-814	37.0818	81.1644	CHK-2	0.5 -	2.8	10.9 ++	5.28 +	0.25 -	20.70 +	1783.	62.	5.
171	0000	-812	37.0824	81.1644	MPR-1	0.6	3.1 +	11.5 +	5.32 +	0.27	19.74 +	1890.	61.	4.
172	0000	-816	37.0829	81.1644	MPR-1	0.6	3.2 +	12.1 +	5.31 +	0.27	19.80 +	1950.	61.	3.
173	0000	-823	37.0835	81.1644	MPR-1	0.6	3.2 +	12.2 +	5.34 +	0.26	20.37 +	1949.	62.	3.
174	0000	-820	37.0840	81.1643	MPR-1	0.6	3.2 +	11.4 +	5.47 +	0.28	19.32 +	1924.	65.	2.
175	0000	-816	37.0846	81.1643	MPR-1	0.6	3.2 +	11.5 +	5.07 +	0.27	18.48 +	1917.	66.	2.
176	0000	-820	37.0852	81.1643	MPR-1	0.7	2.9 +	11.5 +	4.34 +	0.25	17.33 +	1888.	66.	2.
177	0000	-818	37.0857	81.1643	MPR-1	0.7	3.0 +	10.7 +	4.54 +	0.28	16.03 +	1826.	65.	1.
178	0000	-812	37.0862	81.1643	MPR-1	0.7	3.0 +	10.4 +	4.49 +	0.29	15.72 +	1774.	64.	1.
179	0000	-811	37.0868	81.1642	MPR-1	0.7	2.9 +	9.7	4.33 +	0.30	14.32 +	1748.	64.	2.
180	0000	-813	37.0874	81.1642	MPR-1	0.7	3.0 +	9.7	4.11 +	0.31	13.36	1752.	62.	3.
181	0000	-815	37.0880	81.1642	MPR-1	0.8	2.7	9.9	3.57	0.28	12.96	1749.	59.	4.
182	0000	-815	37.0885	81.1642	MPR-1	0.8	2.6	9.7	3.42	0.27	12.51	1718.	60.	6.
183	0000	-815	37.0891	81.1642	MPR-1	0.8	2.5	9.1	3.18	0.27	11.62	1689.	60.	8.
184	0000	-814	37.0896	81.1642	MPR-1	0.8	2.2	9.3	2.94	0.24	12.40	1668.	61.	10.
185	0000	-814	37.0902	81.1642	MPR-1	0.7	2.0	9.0	2.77	0.22	12.74	1645.	60.	12.
186	0000	-816	37.0907	81.1642	MPR-1	0.6	1.8	8.9	2.78	0.20 -	13.92	1600.	59.	14.
187	0000	-812	37.0913	81.1642	MPR-1	0.6	1.2 -	8.7	2.11	0.14 --	14.73 +	1557.	60.	16.
188	0000	-809	37.0919	81.1642	MPR-1	0.6	1.4	8.7	2.39	0.16 -	14.87 +	1560.	61.	15.
189	0000	-811	37.0924	81.1642	MPR-1	0.6	1.2 -	9.0	2.23	0.14 --	16.17 +	1577.	58.	15.
190	0000	-810	37.0930	81.1642	MPR-1	0.6	1.3 -	9.6	2.40	0.14 --	17.36 +	1604.	60.	13.
191	0000	-810	37.0935	81.1642	MPR-1	0.5	1.8	10.0	3.39	0.18 -	18.68 +	1663.	61.	11.
192	0000	-815	37.0941	81.1640	MPR-1	0.6	2.1	10.4 +	3.79 +	0.20	18.54 +	1719.	62.	10.
193	0000	-812	37.0947	81.1640	MPR-1	0.6	2.3	10.9 +	3.87 +	0.21	18.47 +	1774.	61.	8.
194	0000	-808	37.0952	81.1640	MPR-1	0.6	2.7	11.3 +	4.66 +	0.24	19.68 +	1809.	59.	5.
195	0000	-812	37.0958	81.1640	MPR-1	0.6	2.8	11.8 +	4.96 +	0.23	21.28 +	1806.	60.	4.
196	0000	-815	37.0964	81.1640	MPR-1	0.5 -	3.1 +	11.8 +	5.87 ++	0.26	22.77 +	1814.	63.	2.
197	0000	-815	37.0969	81.1640	MPR-1	0.5 -	3.1 +	11.9 +	6.02 ++	0.26	23.11 +	1812.	61.	2.
198	0000	-811	37.0974	81.1640	MPR-1	0.5	2.8 +	11.4 +	5.09 +	0.24	20.80 +	1763.	60.	3.
199	0000	-807	37.0980	81.1640	MPR-1	0.5	2.7	11.2 +	5.13 +	0.24	21.09 +	1717.	60.	4.
200	0000	-807	37.0986	81.1639	MPR-1	0.5 -	2.6	11.1 +	4.94 +	0.23	21.22 +	1694.	65.	5.
201	0000	-804	37.0992	81.1639	MPR-1	0.5	2.6	11.3 +	4.71 +	0.23	20.64 +	1736.	66.	6.
202	0000	-804	37.0997	81.1639	MPR-1	0.5 -	2.7	11.6 +	5.36 +	0.23	23.13 +	1798.	65.	7.
203	0000	-809	37.1003	81.1639	MPR-1	0.5 -	2.9 +	11.6 +	5.86 ++	0.25	23.66 ++	1855.	64.	7.
204	0000	-811	37.1008	81.1639	MPR-1	0.5 -	3.1 +	12.1 +	6.43 ++	0.26	25.13 ++	1926.	67.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-812	37.1014	81.1639	MPR-1	0.5 -	3.2 +	13.3 +	7.06 ++	0.24	29.29 ++	2031.	66.	6.
206	0000	-814	37.1019	81.1639	MPR-1	0.5 -	3.4 +	14.5 +	7.12 ++	0.23	30.75 ++	2157.	64.	5.
207	0000	-811	37.1025	81.1639	MPR-1	0.5 -	3.8 ++	15.5 ++	7.58 ++	0.25	30.77 ++	2296.	59.	3.
208	0000	-806	37.1031	81.1639	MPR-1	0.5 -	4.0 ++	16.4 ++	8.45 ++	0.24	34.56 ++	2361.	60.	2.
209	0000	-810	37.1037	81.1638	MPR-1	0.5 -	4.2 +++	16.6 ++	8.32 ++	0.25	32.73 ++	2408.	57.	1.
210	0000	-813	37.1042	81.1638	DCH	0.5 -	4.2 +++	17.2 +++	7.75 +++	0.24	32.07 +++	2431.	56.	0.
211	0000	-808	37.1047	81.1638	DCH	0.6 -	4.2 +++	17.0 +++	7.22 ++	0.25	29.43 +++	2448.	56.	0.
212	0000	-807	37.1053	81.1638	DCH	0.6	4.4 +++	16.9 +++	7.11 ++	0.26	27.56 +++	2465.	57.	0.
213	0000	-810	37.1059	81.1637	DCH	0.7	4.4 +++	16.7 +++	6.61 ++	0.27	24.93 ++	2470.	60.	0.
214	0000	-809	37.1065	81.1637	DCH	0.7	4.5 +++	16.9 +++	6.97 ++	0.27	25.94 ++	2504.	61.	0.
215	0000	-807	37.1070	81.1637	DCH	0.7	4.5 +++	16.8 +++	6.05 ++	0.27	22.67 ++	2495.	61.	0.
216	0000	-808	37.1075	81.1637	DCH	0.8	4.3 +++	16.3 ++	5.32 ++	0.26	20.12 ++	2458.	62.	0.
217	0000	-804	37.1081	81.1636	DCH	0.9	4.1 +++	15.8 ++	4.85 +	0.26	18.59 ++	2414.	60.	0.
218	0000	-803	37.1087	81.1636	DCH	0.8	4.0 +++	15.4 ++	4.84 +	0.26	18.57 ++	2359.	58.	1.
219	0000	-807	37.1092	81.1636	DCH	0.8	3.8 ++	14.8 ++	4.65 +	0.26	18.16 ++	2273.	59.	2.
220	0000	-805	37.1098	81.1636	DCH	0.7	3.5 ++	14.6 ++	4.75 +	0.24	19.70 ++	2195.	57.	2.
221	0000	-806	37.1104	81.1636	DCH	0.8	3.2 +	14.0 ++	4.24 +	0.23	18.54 ++	2085.	57.	2.
222	0000	-806	37.1109	81.1636	DCH	0.7	3.3 +	13.4 +	4.69 +	0.25	18.94 ++	2025.	58.	2.
223	0000	-803	37.1114	81.1636	DCH	0.7	3.3 +	13.3 +	4.98 +	0.25	20.01 ++	1996.	59.	2.
224	0000	-805	37.1120	81.1636	DCH	0.6	3.6 ++	12.9 +	5.80 ++	0.28	20.91 ++	2004.	61.	1.
225	0000	-806	37.1126	81.1636	DCH	0.7	3.6 ++	13.4 +	5.47 ++	0.27	20.19 ++	2066.	61.	1.
226	0000	-801	37.1132	81.1635	DCH	0.7	3.9 ++	14.0 ++	5.68 ++	0.28	20.53 ++	2155.	62.	0.
227	0000	-801	37.1137	81.1635	DCH	0.7	3.9 ++	13.8 ++	5.38 ++	0.28	19.14 ++	2184.	64.	1.
228	0000	-803	37.1143	81.1635	DCH	0.7	4.0 +++	13.2 +	5.57 ++	0.30	18.35 ++	2194.	64.	2.
229	0000	-802	37.1149	81.1635	DCH	0.8	3.9 ++	12.6 +	5.24 ++	0.31	16.80 +	2189.	63.	2.
230	0000	-801	37.1154	81.1634	DB-2	0.7 -	3.6 ++	12.5 ++	4.94 ++	0.29	16.93 +++	2146.	64.	3.
231	0000	-799	37.1159	81.1634	DB-2	0.8	3.3 ++	12.3 ++	4.13 ++	0.27	15.42 ++	2116.	62.	4.
232	0000	-801	37.1165	81.1634	DB-2	0.8 -	3.2 ++	12.3 ++	4.25 ++	0.26	16.24 ++	2068.	63.	6.
233	0000	-803	37.1171	81.1634	DB-2	0.7 -	3.0 +	11.7 ++	4.07 ++	0.25	16.05 ++	1980.	60.	7.
234	0000	-796	37.1177	81.1634	DB-2	0.7 -	2.8 +	11.3 ++	4.01 ++	0.25	16.00 ++	1896.	59.	8.
235	0000	-793	37.1182	81.1634	DB-2	0.7 -	2.2	11.1 +	3.20 +	0.20	15.89 ++	1797.	59.	9.
236	0000	-797	37.1187	81.1634	DB-2	0.7 -	2.0	10.8 +	2.81 +	0.18 -	15.43 ++	1716.	59.	11.
237	0000	-800	37.1193	81.1634	DB-2	0.7 -	2.0	10.3 +	2.71	0.19 -	14.22 ++	1671.	57.	11.
238	0000	-801	37.1199	81.1634	DB-2	0.7 -	1.9	9.5	2.90 +	0.20	14.25 ++	1580.	58.	11.
239	0000	-801	37.1204	81.1633	DB-2	0.6 -	1.7	8.2	2.75 +	0.21	12.89 ++	1449.	56.	11.
240	0000	-801	37.1210	81.1633	DB-2	0.6 -	1.5 -	7.1	2.38	0.21	11.45 +	1331.	57.	10.
241	0000	-799	37.1216	81.1633	DB-2	0.6 -	1.4 -	6.4 -	2.37	0.22	10.74 +	1264.	55.	9.
242	0000	-798	37.1221	81.1633	DB-2	0.6 -	1.7	5.7 -	2.82 +	0.29	9.64 +	1209.	57.	7.
243	0000	-800	37.1225	81.1632	DB-2	0.6 -	1.8	5.6 -	3.15 +	0.31	10.07 +	1186.	56.	5.
244	0000	-798	37.1232	81.1633	DB-2	0.6 -	1.9	5.4 -	3.39 +	0.36 +	9.48	1192.	55.	4.
245	0000	-793	37.1238	81.1633	DB-2	0.6 -	2.0	5.7 -	3.54 +	0.35 +	10.14 +	1220.	55.	2.
246	0000	-795	37.1244	81.1633	DB-2	0.6 -	2.2	6.0 -	3.72 +	0.36 +	10.24 +	1266.	57.	1.
247	0000	-797	37.1249	81.1632	DB-2	0.6 -	2.4	6.7	3.71 +	0.35 +	10.54 +	1330.	58.	0.
248	0000	-794	37.1255	81.1632	DB-2	0.7 -	2.5	7.1	3.75 +	0.36 +	10.46 +	1388.	59.	0.
249	0000	-792	37.1260	81.1632	DB-2	0.7 -	2.5	7.4	3.74 +	0.34	11.11 +	1444.	60.	0.
250	0000	-793	37.1266	81.1632	DB-2	0.7 -	2.4	7.5	3.47 +	0.32	10.70 +	1462.	61.	0.
251	0000	-794	37.1271	81.1632	DB-2	0.7 -	2.4	7.8	3.41 +	0.30	11.23 +	1480.	63.	0.
252	0000	-795	37.1277	81.1631	DB-2	0.8 -	2.4	8.0	3.01 +	0.29	10.24 +	1515.	65.	0.
253	0000	-796	37.1282	81.1629	DB-2	0.8	2.4	8.2	2.93 +	0.29	10.14 +	1550.	64.	0.
254	0000	-797	37.1287	81.1629	DB-2	0.9	2.2	8.3	2.53	0.27	9.43	1591.	62.	0.
255	0000	-793	37.1292	81.1628	DB-2	1.0	2.1	8.2	2.15	0.25	8.47	1634.	62.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-792	37.1298	81.1628	DB-2	1.1	2.3	8.5	2.11	0.27	7.91	1708.	63.	2.
257	0000	-796	37.1303	81.1627	DB-2	1.2	2.1	8.6	1.81	0.25	7.34	1792.	64.	3.
258	0000	-795	37.1309	81.1626	DB-2	1.3	1.9	8.9	1.49	0.21	6.97	1835.	64.	4.
259	0000	-791	37.1314	81.1626	DB-2	1.3	1.8	8.9	1.33 -	0.20 -	6.69	1840.	63.	4.
260	0000	-793	37.1320	81.1625	DB-2	1.4	1.9	9.1	1.35	0.21	6.57	1864.	64.	5.
261	0000	-794	37.1325	81.1623	DB-2	1.5	1.9	9.1	1.31	0.21	6.29	1914.	66.	5.
262	0000	-791	37.1330	81.1622	DB-2	1.5	1.9	9.5	1.29	0.20 -	6.50	1948.	64.	4.
263	0000	-791	37.1335	81.1622	DB-2	1.5	1.8	9.8 +	1.19 -	0.18 -	6.61	1940.	61.	3.
264	0000	-793	37.1340	81.1621	DB-2	1.4	2.0	9.8 +	1.42	0.21	6.91	1915.	58.	2.
265	0000	-792	37.1346	81.1621	DB-2	1.3	2.3	9.5	1.73	0.24	7.14	1898.	55.	2.
266	0000	-789	37.1351	81.1619	DB-2	1.3	2.4	9.4	1.93	0.26	7.49	1877.	55.	1.
267	0000	-786	37.1356	81.1619	DB-2	1.2	2.2	9.0	1.83	0.25	7.42	1831.	54.	0.
268	0000	-785	37.1362	81.1618	DB-2	1.2	2.3	9.2	2.02	0.25	7.95	1816.	54.	0.
269	0000	-787	37.1367	81.1617	DB-2	1.2	2.4	9.3	2.08	0.26	8.05	1800.	53.	0.
270	0000	-788	37.1372	81.1616	DB-2	1.1	2.4	9.0	2.19	0.27	8.11	1791.	54.	1.
271	0000	-787	37.1377	81.1615	DB-2	1.1	2.3	9.0	2.04	0.26	7.84	1777.	54.	1.
272	0000	-785	37.1383	81.1615	DB-2	1.2	2.3	8.9	1.87	0.26	7.22	1757.	58.	2.
273	0000	-785	37.1388	81.1614	DB-2	1.3	2.1	9.1	1.66	0.23	7.12	1757.	58.	3.
274	0000	-784	37.1394	81.1613	DB-2	1.3	2.0	9.2	1.56	0.22	7.09	1775.	57.	4.
275	0000	-784	37.1399	81.1612	DB-2	1.3	2.1	8.5	1.66	0.25	6.77	1743.	58.	4.
276	0000	-785	37.1404	81.1612	DB-2	1.2	2.1	8.2	1.70	0.25	6.67	1717.	57.	5.
277	0000	-782	37.1409	81.1611	DB-2	1.2	2.1	7.9	1.70	0.26	6.46	1690.	58.	4.
278	0000	-780	37.1415	81.1610	DB-2	1.2	2.2	8.1	1.82	0.27 -	6.82	1678.	58.	4.
279	0000	-783	37.1420	81.1609	DB-2	1.1	2.3	8.1	2.00	0.28	7.07	1695.	54.	3.
280	0000	-783	37.1425	81.1608	DB-2	1.1	2.6	7.8	2.32	0.33	6.98	1699.	54.	2.
281	0000	-781	37.1430	81.1608	DB-2	1.1	2.8 +	8.1	2.52	0.35 +	7.22	1693.	54.	1.
282	0000	-783	37.1436	81.1607	DB-2	1.1	2.8 +	8.7	2.47	0.32	7.72	1687.	55.	1.
283	0000	-780	37.1441	81.1606	DB-2	1.0	2.8 +	8.7	2.71	0.32	8.40	1686.	54.	0.
284	0000	-780	37.1446	81.1605	DB-2	1.0	3.1 +	8.7	2.92 +	0.35 +	8.31	1689.	55.	0.
285	0000	-781	37.1452	81.1605	DB-2	1.0	3.1 +	8.0	3.03 +	0.39 +	7.76	1679.	55.	0.
286	0000	-779	37.1457	81.1604	DB-2	1.0	3.1 +	7.9	3.14 +	0.39 +	7.96	1654.	55.	0.
287	0000	-779	37.1462	81.1603	DB-2	1.0	3.1 +	7.7	3.24 +	0.40 +	8.03	1612.	54.	0.
288	0000	-781	37.1468	81.1602	DB-2	0.8	3.0 +	7.2	3.58 +	0.42 +	8.62	1547.	54.	1.
289	0000	-779	37.1473	81.1601	DB-2	0.8 -	3.1 +	6.6 -	4.09 ++	0.47 ++	8.72	1468.	51.	1.
290	0000	-779	37.1478	81.1600	DB-2	0.7 -	2.9 +	5.8 -	4.01 ++	0.50 ++	7.97	1364.	53.	3.
291	0000	-780	37.1484	81.1600	DB-2	0.6 -	2.7 +	5.3 -	4.77 ++	0.51 ++	9.33	1253.	52.	4.
292	0000	-779	37.1489	81.1599	DB-2	0.5 -	2.4	5.1 --	5.11 ++	0.47 ++	10.97 +	1141.	52.	5.
293	0000	-780	37.1494	81.1598	DB-2	0.4 --	2.0	4.9 --	5.50 ++	0.41 +	13.51 ++	1026.	51.	7.
294	0000	-779	37.1499	81.1598	DB-2	0.3 --	1.8	4.4 --	6.52 +++	0.40 +	16.12 ++	930.	53.	8.
295	0000	-778	37.1505	81.1597	DB-1	0.3	1.5 +	3.9 +	5.30	0.38	13.91 +	859.	53.	9.
296	0000	-777	37.1510	81.1596	DB-1	0.3	1.2	3.4 +	4.53	0.36	12.57 +	808.	54.	10.
297	0000	-777	37.1515	81.1595	DLMU-1	0.3	1.2	3.4	4.72	0.35	13.57	777.	55.	9.
298	0000	-777	37.1521	81.1594	DLMU-1	0.3	0.9 -	3.2	2.94	0.27	11.05	740.	56.	9.
299	0000	-778	37.1526	81.1593	DLMU-1	0.3	1.0	3.0	3.24	0.33	9.95	734.	56.	9.
300	0000	-779	37.1531	81.1593	DLMU-1	0.3	1.1	2.7	3.77	0.39 -	9.66	721.	58.	9.
301	0000	-779	37.1537	81.1592	DLMU-1	0.3	0.9	2.7 -	3.29	0.36	9.20	716.	57.	9.
302	0000	-780	37.1542	81.1591	DLMU-1	0.3	1.0	2.5 -	3.89	0.41	9.46	702.	57.	9.
303	0000	-781	37.1547	81.1591	DLMU-1	0.2	1.1	2.5 -	5.38	0.44	12.30	674.	56.	9.
304	0000	-779	37.1552	81.1590	DLMU-1	0.2	1.0	2.4 -	4.81	0.39	12.30	652.	55.	9.
305	0000	-777	37.1558	81.1589	DLMU-1	0.2 -	1.0	2.3 -	5.81	0.41	14.23	642.	55.	8.
306	0000	-778	37.1563	81.1588	DLMU-1	0.1 -	0.8 -	2.3 -	5.91	0.33	17.85 +	604.	57.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-776	37.1568	81.1587	DLMU-1	0.2 -	0.7 -	2.2 -	4.12	0.30	13.56	586.	57.	7.
308	0000	-776	37.1574	81.1586	DLMU-1	0.1 -	0.8 -	2.2 -	5.87	0.35	16.99 +	559.	55.	5.
309	0000	-779	37.1579	81.1586	DLMU-1	0.1 -	0.9	2.4 -	9.63 +	0.40	24.19 ++	548.	57.	4.
310	0000	-779	37.1584	81.1585	DLMU-1	0.1 -	0.9	2.2 -	7.97 +	0.42	18.84 +	536.	60.	4.
311	0000	-776	37.1589	81.1584	DLMU-1	0.1 -	1.1	2.1 -	10.26 +	0.53 +	19.24 +	536.	61.	3.
312	0000	-776	37.1595	81.1584	DLMU-1	0.1 -	1.3	2.2 -	12.03 ++	0.58 +	20.78 ++	548.	59.	3.
313	0000	-777	37.1600	81.1583	DLMU-1	0.1 -	1.3	2.5 -	8.93 +	0.52 +	17.28 +	578.	58.	3.
314	0000	-778	37.1606	81.1582	DLMU-1	0.1 -	1.4	2.6 -	10.11 +	0.53 +	18.91 +	582.	59.	3.
315	0000	-777	37.1610	81.1581	DLMU-1	0.2 -	1.3	2.6 -	7.83 +	0.50	15.62	597.	61.	3.
316	0000	-775	37.1616	81.1580	DLMU-1	0.2 -	1.3	2.4 -	7.26 +	0.55 +	13.23	601.	59.	3.
317	0000	-777	37.1622	81.1579	DLMU-1	0.2 -	1.4	2.4 -	8.39 +	0.58 +	14.44	612.	55.	4.
318	0000	-779	37.1627	81.1579	DLMU-1	0.1 -	1.4	2.4 -	9.81 +	0.59 +	16.66 +	601.	55.	3.
319	0000	-779	37.1632	81.1578	DLMU-1	0.2 -	1.4	2.6 -	8.76 +	0.53 +	16.47 +	581.	55.	3.
320	0000	-777	37.1637	81.1577	DLMU-1	0.1 -	1.3	2.6 -	9.63 +	0.50	19.17 +	568.	56.	3.
321	0000	-777	37.1643	81.1577	DLMU-1	0.1 -	1.2	2.6 -	8.01 +	0.44	18.02 +	579.	56.	4.
322	0000	-777	37.1648	81.1576	DLMU-1	0.2 -	1.0	2.7	6.65 +	0.38	17.52 +	584.	56.	5.
323	0000	-776	37.1653	81.1575	DLMU-1	0.2 -	0.9 -	3.0	4.99	0.30	16.69 +	588.	59.	6.
324	0000	-776	37.1658	81.1574	DLMU-1	0.2	0.8 -	3.0	3.96	0.26	15.18	596.	60.	6.
325	0000	-778	37.1664	81.1573	DLMU-1	0.2	0.5 --	3.0	2.07	0.17 -	12.47	610.	60.	7.
326	0000	-776	37.1669	81.1572	DLMU-1	0.2	0.5 --	3.0	1.86	0.15 --	12.10	628.	62.	7.
327	0000	-775	37.1674	81.1571	DLMU-1	0.3	0.7 -	2.7	2.73	0.26	10.53	631.	61.	6.
328	0000	-777	37.1679	81.1571	DLMU-1	0.3	0.8 -	2.6 -	2.91	0.30	9.65	644.	58.	6.
329	0000	-776	37.1685	81.1570	DLMU-1	0.3	0.9 -	2.7	3.21	0.32	9.96	661.	58.	5.
330	0000	-774	37.1691	81.1569	DLMU-1	0.3	0.9 -	2.8	3.11	0.32	9.86	684.	54.	5.
331	0000	-776	37.1696	81.1569	DLMU-1	0.3	0.9	2.8	3.15	0.34	9.28	701.	56.	5.
332	0000	-776	37.1701	81.1568	DLMU-1	0.3	1.4	2.8	5.41	0.50	10.84	707.	55.	4.
333	0000	-775	37.1706	81.1567	DLMU-1	0.3	1.4	2.8	4.94	0.49	10.01	708.	56.	4.
334	0000	-774	37.1712	81.1566	DLMU-1	0.3	1.2	3.0	4.36	0.39	11.23	720.	54.	5.
335	0000	-775	37.1717	81.1565	DLMU-1	0.3	1.3	3.0	4.59	0.43	10.66	707.	57.	5.
336	0000	-776	37.1722	81.1564	DLMU-1	0.2	1.4	2.8	5.78	0.49	11.90	696.	56.	5.
337	0000	-774	37.1727	81.1564	DLMU-1	0.2	1.3	2.5 -	5.70	0.53 +	10.72	676.	57.	5.
338	0000	-773	37.1733	81.1563	DLMU-1	0.2	1.2	2.8	5.02	0.42	11.97	660.	56.	5.
339	0000	-774	37.1738	81.1562	DLMU-1	0.3	1.0	2.7	3.77	0.37	10.30	656.	57.	6.
340	0000	-775	37.1743	81.1562	DLMU-1	0.2	1.0	2.5 -	4.31	0.41	10.39	650.	56.	6.
341	0000	-774	37.1749	81.1561	DLMU-1	0.2	0.9	2.2 -	4.12	0.43	9.51	623.	58.	6.
342	0000	-776	37.1754	81.1560	DLMU-1	0.2 -	0.9 -	2.5 -	5.08	0.35	14.44	611.	58.	7.
343	0000	-776	37.1759	81.1559	DB-1	0.2	0.9	2.2	4.97	0.41	12.18	601.	59.	7.
344	0000	-774	37.1764	81.1558	DB-1	0.2	0.9	2.4	4.39	0.36	12.26	616.	57.	6.
345	0000	-773	37.1770	81.1557	DB-1	0.2	1.0	2.4	4.10	0.41	9.95	650.	55.	6.
346	0000	-774	37.1775	81.1557	DB-1	0.3	0.9	2.5	3.13	0.35	8.89	718.	52.	7.
347	0000	-776	37.1781	81.1555	DB-1	0.4	1.1	3.2 +	3.05	0.33	9.13	823.	51.	7.
348	0000	-774	37.1786	81.1555	DB-2	0.5 -	1.5 -	4.0 --	3.03 +	0.38 +	7.99	969.	52.	7.
349	0000	-771	37.1791	81.1554	DB-2	0.7 -	1.7	4.7 --	2.57	0.36 +	7.21	1128.	50.	7.
350	0000	-771	37.1796	81.1553	DB-2	0.9	1.7	5.7 -	1.91	0.29	6.54	1305.	52.	8.
351	0000	-772	37.1801	81.1553	DB-2	1.0	1.8	6.3 -	1.80	0.29	6.26	1473.	55.	8.
352	0000	-770	37.1806	81.1553	DB-2	1.1	2.1	7.0	1.94	0.30	6.53	1615.	58.	9.
353	0000	-769	37.1811	81.1553	DB-2	1.2	2.3	7.8	2.01	0.30	6.79	1722.	59.	8.
354	0000	-768	37.1815	81.1553	DB-2	1.3	2.3	7.8	1.74	0.29	6.00	1793.	60.	7.
355	0000	-768	37.1820	81.1553	DB-2	1.3	1.9	8.2	1.46	0.24	6.22	1818.	57.	7.
356	0000	-769	37.1825	81.1553	DB-2	1.3	1.9	7.9	1.45	0.24	6.05	1810.	57.	6.
357	0000	-770	37.1829	81.1553	DB-2	1.2	2.0	7.8	1.59	0.25	6.34	1781.	55.	6.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-772	37.1834	81.1554	DB-2	1.2	2.0	8.1	1.60	0.24	6.52	1750.	57.	5.
359	0000	-773	37.1839	81.1554	DB-2	1.3	1.8	8.5	1.45	0.22	6.72	1741.	57.	4.
360	0000	-770	37.1843	81.1554	DB-2	1.3	1.6	8.3	1.30 -	0.20 -	6.59	1709.	58.	5.
361	0000	-770	37.1848	81.1554	DB-2	1.1	1.8	8.2	1.54	0.21	7.21	1667.	58.	4.
362	0000	-769	37.1852	81.1554	DB-2	1.1	1.9	8.0	1.71	0.24	7.21	1642.	60.	4.
363	0000	-768	37.1857	81.1554	DB-2	1.1	2.0	7.9	1.79	0.26	6.88	1649.	58.	3.
364	0000	-771	37.1862	81.1554	DB-2	1.1	2.0	8.2	1.79	0.25	7.14	1656.	56.	3.
365	0000	-772	37.1866	81.1554	DB-2	1.1	1.9	7.9	1.66	0.23	7.09	1642.	54.	3.
366	0000	-771	37.1871	81.1554	DB-2	1.0	1.9	7.3	1.77	0.26	6.93	1602.	53.	3.
367	0000	-772	37.1875	81.1554	DB-2	1.0	1.9	7.3	1.89	0.27	7.12	1596.	52.	3.
368	0000	-773	37.1880	81.1554	DB-2	1.0	1.8	7.2	1.69	0.24	6.91	1574.	54.	4.
369	0000	-772	37.1884	81.1554	DB-2	1.1	1.7	7.1	1.57	0.24	6.65	1593.	54.	5.
370	0000	-771	37.1889	81.1555	DB-2	1.1	1.8	7.4	1.66	0.24	6.89	1610.	55.	5.
371	0000	-772	37.1894	81.1555	DB-2	1.1	1.8	7.0	1.62	0.25	6.37	1613.	56.	6.
372	0000	-774	37.1898	81.1555	DB-2	1.1	2.1	6.9	1.93	0.30	6.47	1605.	53.	6.
373	0000	-772	37.1903	81.1555	DB-2	1.1	2.0	6.7	1.82	0.30	5.98	1599.	53.	6.
374	0000	-771	37.1907	81.1555	DB-2	1.1	2.0	6.5 -	1.84	0.31	5.90	1556.	53.	5.
375	0000	-771	37.1912	81.1555	DB-2	1.0	2.1	6.5 -	2.03	0.32	6.31	1528.	49.	4.
376	0000	-773	37.1917	81.1555	DLMU-1	1.0 +	2.3 +	6.0 +	2.39	0.38	6.30	1447.	50.	3.
377	0000	-772	37.1921	81.1556	DLMU-1	0.9 +	2.1 +	5.6 +	2.41	0.37	6.44	1370.	52.	3.
378	0000	-769	37.1926	81.1556	DLMU-1	0.8	2.1 +	5.5 +	2.75	0.39	7.12	1316.	53.	2.
379	0000	-768	37.1931	81.1556	DLMU-1	0.8	2.0	5.4	2.53	0.36	6.97	1284.	57.	1.
380	0000	-771	37.1935	81.1556	DLMU-1	0.7	1.9	5.7 +	2.54	0.33	7.79	1266.	58.	1.
381	0000	-771	37.1939	81.1556	DLMU-1	0.7	1.8	5.6 +	2.34	0.31	7.56	1270.	59.	1.
382	0000	-771	37.1944	81.1556	DLMU-1	0.8	1.7	5.4	2.15	0.32	6.79	1271.	63.	1.
383	0000	-771	37.1949	81.1557	DLMU-1	0.8	1.7	6.1 +	2.12	0.27	7.74	1286.	63.	1.
384	0000	-773	37.1953	81.1557	DLMU-1	0.8	1.6	6.3 +	2.04	0.25	8.00	1277.	62.	1.
385	0000	-774	37.1958	81.1557	DLMU-1	0.8	1.4	6.2 +	1.85	0.23 -	8.18	1231.	60.	1.
386	0000	-771	37.1963	81.1557	DLMU-1	0.7	1.3	6.1 +	2.00	0.22 -	9.05	1168.	58.	1.
387	0000	-771	37.1968	81.1557	DLMU-1	0.6	1.2	5.8 +	2.11	0.22 -	9.81	1098.	58.	2.
388	0000	-773	37.1972	81.1557	DLMU-1	0.5	1.3	5.4	2.80	0.25	11.26	1036.	58.	3.
389	0000	-771	37.1977	81.1558	DLMU-1	0.4	1.3	5.5 +	3.06	0.23 -	13.36	990.	57.	4.
390	0000	-769	37.1981	81.1558	DLMU-1	0.4	1.2	4.9	3.10	0.24 -	13.09	951.	59.	5.
391	0000	-771	37.1986	81.1558	DLMU-1	0.3	1.1	4.7	3.61	0.24 -	15.06	897.	62.	6.
392	0000	-771	37.1991	81.1558	SU	0.3	1.0	4.5	3.45	0.23	14.92	874.	64.	9.
393	0000	-771	37.1995	81.1558	SU	0.3	1.0	4.7	2.90	0.20	14.42	876.	67.	10.
394	0000	-771	37.2000	81.1558	SU	0.3	0.9	4.7	2.85	0.20	14.25	887.	69.	10.
395	0000	-772	37.2004	81.1558	SU	0.4	0.8	5.0	2.37	0.17 -	14.12	889.	68.	11.
396	0000	-773	37.2009	81.1558	SU	0.3	0.9	5.0	2.90	0.19 -	15.24	889.	69.	12.
397	0000	-775	37.2014	81.1558	SU	0.3	0.8	5.2	2.39	0.16 -	14.82	883.	68.	12.
398	0000	-775	37.2018	81.1558	SU	0.4	0.8	5.0	2.31	0.17 -	13.80	898.	67.	13.
399	0000	-773	37.2023	81.1558	SU	0.3	0.9	4.9	2.65	0.19 -	14.01	899.	64.	12.
400	0000	-771	37.2027	81.1558	SU	0.3	1.1	4.6	3.70	0.24	15.45	882.	62.	11.
401	0000	-774	37.2032	81.1558	SU	0.3	1.2	4.3	3.66	0.27	13.63	854.	61.	10.
402	0000	-774	37.2037	81.1559	OMUU	0.3 -	1.2	4.0	4.27 +	0.30	14.10 +	824.	62.	9.
403	0000	-772	37.2041	81.1559	OMUU	0.3 -	1.1	3.6 -	3.57	0.30	11.95	791.	61.	8.
404	0000	-774	37.2046	81.1559	OMUU	0.3 -	1.2	3.3 -	4.61 +	0.38 +	12.18	761.	59.	6.
405	0000	-774	37.2050	81.1559	OMUU	0.2 -	1.3	3.0 -	5.12 +	0.43 +	11.93	718.	60.	4.
406	0000	-775	37.2055	81.1559	OMUU	0.2 -	1.3	2.7 -	5.28 +	0.48 +	11.06	679.	64.	4.
407	0000	-775	37.2059	81.1559	OMUU	0.3 -	1.3	2.3 -	5.20 +	0.57 ++	9.12	654.	66.	3.
408	0000	-776	37.2064	81.1560	OMUU	0.2 -	1.3	2.3 -	5.97 +	0.58 ++	10.24	635.	67.	3.

FLIGHT LINE 860, DAY 294

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-775	37.2069	81.1560	OMUU	0.3 -	1.2	2.4 -	4.29 +	0.50 +	8.52	643.	69.	4.
410	0000	-775	37.2073	81.1560	OMUU	0.3 -	1.3	2.5 -	4.89 +	0.54 ++	9.04	665.	70.	4.
411	0000	-776	37.2078	81.1560	OMUU	0.3 -	1.4	2.6 -	4.41 +	0.53 +	8.33	700.	72.	4.
412	0000	-776	37.2082	81.1560	OMUU	0.4	1.4	2.9 -	3.68	0.51 +	7.28	774.	71.	4.
413	0000	-775	37.2087	81.1560	OMUU	0.5	1.4	3.5 -	2.80	0.39 +	7.15	841.	70.	3.
414	0000	-778	37.2092	81.1561	OMUU	0.6	1.7	3.8	2.85	0.44 +	6.47	943.	67.	2.
415	0000	-778	37.2096	81.1561	OMUU	0.7	1.8	4.0	2.50	0.46 +	5.44 -	1046.	66.	3.
416	0000	-776	37.2101	81.1561	OMUU	0.8	1.9	4.4	2.58	0.44 +	5.82	1127.	65.	3.
417	0000	-778	37.2105	81.1561	OMUU	0.9	1.8	4.8	2.05	0.38 +	5.44 -	1199.	65.	4.
418	0000	-778	37.2111	81.1561	OMUU	1.0	1.6	5.1	1.72	0.32	5.36 -	1256.	65.	6.
419	0000	-777	37.2115	81.1561	OMUU	1.1	1.3	5.7	1.24 -	0.23	5.41 -	1302.	64.	7.
420	0000	-777	37.2120	81.1562	OMUU	1.0	1.4	5.9	1.32	0.23	5.65 -	1352.	61.	8.
421	0000	-776	37.2124	81.1562	OMUU	1.0	1.1	6.4	1.06 -	0.17 -	6.35	1353.	59.	9.
422	0000	-776	37.2129	81.1562	OMUU	0.9	0.9 -	6.6	1.00 -	0.14 -	7.02	1339.	58.	9.
423	0000	-774	37.2133	81.1562	OMUU	0.9	1.0 -	6.6	1.04 -	0.15 -	7.13	1303.	59.	9.
424	0000	-773	37.2138	81.1562	OMUU	0.9	0.9 -	6.9	1.06 -	0.14 -	7.78	1281.	56.	9.
425	0000	-773	37.2143	81.1562	OMUU	0.9	1.0	6.8	1.17 -	0.15 -	7.97	1261.	58.	7.
426	0000	-773	37.2147	81.1562	OMUU	0.8	1.3	6.8	1.69	0.19	8.97	1245.	58.	6.
427	0000	-772	37.2152	81.1562	OMUU	0.7	1.3	6.9	1.78	0.19	9.21	1231.	61.	6.
428	0000	-772	37.2157	81.1562	OMUU	0.8	1.3	6.8	1.61	0.20	8.22	1234.	62.	6.
429	0000	-769	37.2161	81.1562	OMUU	0.8	1.2	7.0	1.41	0.17 -	8.41	1241.	62.	6.
430	0000	-770	37.2166	81.1562	OMUU	0.9	1.1	6.8	1.27	0.16 -	7.74	1265.	60.	6.
431	0000	-771	37.2170	81.1562	OKU	0.8	1.1	6.6 +	1.34 -	0.17 -	7.78	1264.	62.	6.
432	0000	-768	37.2175	81.1562	OKU	0.8	1.2	6.1	1.38 -	0.19 -	7.30	1257.	60.	8.
433	0000	-766	37.2179	81.1563	OKU	0.9	1.0 -	6.1	1.09 -	0.16 -	6.97	1255.	58.	8.
434	0000	-765	37.2184	81.1563	OKU	0.9	0.9 -	5.4	1.00 -	0.16 -	6.08	1242.	56.	9.
435	0000	-767	37.2189	81.1563	OKU	0.9	0.9 -	5.1	1.05 -	0.18 -	5.81	1224.	58.	9.
436	0000	-767	37.2193	81.1563	OKU	0.9	1.2	4.6	1.33 -	0.26	5.14	1225.	56.	9.
437	0000	-763	37.2198	81.1563	OKU	0.9	1.4	4.7	1.46	0.29	5.11	1244.	55.	8.
438	0000	-762	37.2202	81.1563	OKU	1.0	1.4	4.4	1.48	0.33	4.51 -	1256.	55.	8.
439	0000	-763	37.2207	81.1564	OKU	1.0	1.7	4.6	1.75	0.36	4.82 -	1262.	53.	6.
440	0000	-761	37.2212	81.1564	OKU	0.9	1.8	4.3	2.03	0.43 +	4.73 -	1239.	55.	5.
441	0000	-761	37.2216	81.1564	OKU	0.9	2.1 +	4.5	2.42	0.46 +	5.22	1240.	55.	3.
442	0000	-762	37.2221	81.1564	OKU	0.8	2.1 +	4.5	2.53	0.46 +	5.45	1246.	54.	2.
443	0000	-760	37.2225	81.1564	OKU	0.8	2.3 +	4.5	2.77	0.51 +	5.46	1249.	55.	1.
444	0000	-760	37.2230	81.1564	OKU	0.8	2.2 +	4.4	2.82	0.50 +	5.59	1246.	55.	1.
445	0000	-761	37.2235	81.1564	OKU	0.8	2.4 +	4.6	2.97	0.51 +	5.78	1238.	57.	1.
446	0000	-759	37.2239	81.1564	OKU	0.8	2.2 +	4.6	2.73	0.48 +	5.66	1233.	56.	1.
447	0000	-759	37.2244	81.1564	OKU	0.9	2.2 +	4.7	2.59	0.47 +	5.47	1241.	55.	2.
448	0000	-759	37.2249	81.1564	CCR-1	0.9	1.8	4.7	2.02	0.38	5.25	1224.	55.	2.
449	0000	-759	37.2253	81.1564	CCR-1	0.9	2.0	4.7	2.17	0.43	5.11	1240.	53.	3.
450	0000	-759	37.2257	81.1564	CCR-1	1.0	1.7	4.9	1.75	0.34	5.16	1246.	51.	4.
451	0000	-759	37.2262	81.1564	CCR-1	1.0	1.6	4.8	1.69	0.35	4.89	1260.	50.	5.
452	0000	-759	37.2267	81.1564	CCR-1	1.1	1.6	4.4	1.46	0.35	4.12 -	1306.	47.	6.
453	0000	-760	37.2271	81.1564	CCR-1	1.0	1.4	4.4	1.37 -	0.33	4.21	1295.	48.	7.
454	0000	-761	37.2275	81.1564	CCR-1	1.0	1.4	4.1	1.35 -	0.34	3.98 -	1249.	48.	7.
455	0000	-760	37.2280	81.1564	CCR-1	1.0	1.5	3.8	1.51	0.39	3.83 -	1215.	49.	7.
456	0000	-759	37.2284	81.1563	CCR-1	0.9	1.3	3.7	1.45	0.35	4.11 -	1136.	51.	7.
457	0000	-758	37.2289	81.1563	CCR-1	0.8	1.2 -	3.5 -	1.47	0.34	4.33	1046.	54.	6.
458	0000	-758	37.2293	81.1562	CCR-1	0.7	1.0 -	3.3 -	1.49	0.32	4.72	937.	55.	6.
459	0000	-758	37.2297	81.1563	CCR-1	0.5	0.9 -	3.5 -	1.88	0.26 -	7.15	813.	56.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-757	37.2301	81.1562	CCR-1	0.4	1.1 -	3.0 -	2.52	0.35	7.11	745.	56.	4.
461	0000	-759	37.2306	81.1562	CCR-1	0.3 -	0.9 -	3.1 -	2.63	0.29	9.02	715.	55.	5.
462	0000	-759	37.2310	81.1561	STC-1	0.3	0.9	3.4	2.98	0.25	11.82	677.	54.	5.
463	0000	-759	37.2314	81.1561	STC-1	0.2	0.9	3.0	3.86	0.31	12.46	658.	55.	5.
464	0000	-759	37.2319	81.1561	STC-1	0.2	1.1	3.1	5.27	0.35	14.94	652.	52.	6.
465	0000	-759	37.2323	81.1561	STC-1	0.2	1.1	3.1	5.67	0.37	15.41	655.	53.	6.
466	0000	-761	37.2327	81.1560	STC-1	0.2	1.3	2.9	7.32 +	0.44	16.73 +	651.	55.	6.
467	0000	-761	37.2332	81.1560	STC-1	0.2	1.1	3.1	5.75	0.34	16.67	663.	57.	8.
468	0000	-759	37.2336	81.1560	STC-1	0.2	1.1	3.0	6.13	0.38	16.35	675.	58.	8.
469	0000	-761	37.2340	81.1559	STC-1	0.2	1.2	2.8	5.89	0.43	13.55	697.	56.	8.
470	0000	-763	37.2344	81.1559	STC-1	0.3	1.1	3.5	4.25	0.30	14.16	731.	57.	8.
471	0000	-762	37.2349	81.1558	STC-1	0.3	1.1	3.5	4.16	0.32	12.92	773.	58.	8.
472	0000	-762	37.2353	81.1558	STC-1	0.3	1.2	3.7 +	4.64	0.33	13.91	802.	58.	8.
473	0000	-761	37.2358	81.1557	STC-2	0.3	1.1	4.1 -	3.74	0.26	14.13	832.	56.	7.
474	0000	-761	37.2362	81.1557	STC-2	0.3 -	1.2	4.3 -	4.46	0.28	16.08	837.	55.	6.
475	0000	-763	37.2366	81.1557	STC-1	0.3	1.2	4.0 +	4.80	0.30	15.81	815.	56.	5.
476	0000	-763	37.2370	81.1557	STC-1	0.2	1.2	3.9 +	5.32	0.30	17.89 +	800.	58.	4.
477	0000	-763	37.2375	81.1556	STC-1	0.2	1.2	3.3	5.45	0.35	15.44	760.	59.	4.
478	0000	-763	37.2379	81.1556	STC-1	0.2	1.1	3.2	5.27	0.33	15.87	708.	61.	4.
479	0000	-763	37.2383	81.1555	STC-1	0.2	0.9	3.1	4.34	0.29	14.79	667.	60.	4.
480	0000	-764	37.2387	81.1555	STC-1	0.2	0.9	2.7	3.66	0.34	10.80	646.	62.	5.
481	0000	-765	37.2392	81.1554	STC-1	0.3	0.8	2.7	2.77 -	0.30	9.17 -	641.	61.	5.
482	0000	-764	37.2397	81.1554	STC-1	0.3	0.9	3.0	2.87	0.30	9.56	663.	61.	4.
483	0000	-763	37.2401	81.1554	STC-1	0.4 +	0.9	2.9	2.56 -	0.31	8.15 -	680.	61.	5.
484	0000	-763	37.2405	81.1554	STC-1	0.4 +	1.0	3.3	2.81	0.31	8.96 -	696.	62.	5.
485	0000	-762	37.2409	81.1554	STC-1	0.4 +	1.1	3.4	3.17	0.33	9.52	729.	61.	4.
486	0000	-762	37.2414	81.1553	STC-1	0.4 +	1.1	3.3	2.87	0.32	8.94 -	754.	62.	3.
487	0000	-761	37.2418	81.1553	DLMU-1	0.4	1.3	3.2	3.47	0.41	8.45	783.	60.	3.
488	0000	-761	37.2422	81.1552	DLMU-1	0.4	1.5	3.2	4.08	0.47	8.77	827.	60.	2.
489	0000	-761	37.2426	81.1552	DLMU-1	0.4	1.4	3.4	3.57	0.41	8.73	868.	57.	2.
490	0000	-760	37.2431	81.1552	DLMU-1	0.4	1.3	3.7	3.13	0.35	9.05	890.	58.	2.
491	0000	-759	37.2435	81.1552	DLMU-1	0.4	1.3	3.7	3.25	0.35	9.29	916.	54.	2.
492	0000	-759	37.2440	81.1551	DLMU-1	0.5	1.4	3.7	2.98	0.37	7.95	937.	51.	2.
493	0000	-760	37.2444	81.1551	DLMU-1	0.5	1.3	4.0	2.58	0.32	8.05	959.	51.	3.
494	0000	-759	37.2448	81.1551	DLMU-1	0.5	1.4	4.4	2.78	0.32	8.63	993.	50.	3.
495	0000	-758	37.2452	81.1551	DLMU-1	0.5	1.6	4.5	3.10	0.35	8.86	1007.	51.	2.
496	0000	-758	37.2457	81.1550	DLMU-1	0.6	1.9	4.5	3.39	0.41	8.21	1048.	52.	2.
497	0000	-759	37.2461	81.1550	DLMU-1	0.6	2.1 +	4.7	3.59	0.46	7.82	1089.	50.	1.
498	0000	-760	37.2466	81.1549	DLMU-1	0.6	2.1 +	4.9	3.32	0.44	7.53	1137.	51.	1.
499	0000	-761	37.2469	81.1549	DLMU-1	0.7	2.3 +	5.3	3.38	0.42	7.98	1185.	51.	1.
500	0000	-759	37.2474	81.1548	DLMU-1	0.7	2.6 +	5.3	3.81	0.49	7.80	1226.	51.	1.
501	0000	-757	37.2478	81.1548	DLMU-1	0.7	2.6 +	5.9 +	3.79	0.44	8.59	1257.	51.	1.
502	0000	-758	37.2483	81.1548	DLMU-1	0.7	2.5 +	6.0 +	3.53	0.42	8.33	1279.	51.	1.
503	0000	-759	37.2487	81.1547	DLMU-1	0.7	2.5 +	6.0 +	3.45	0.42	8.31	1262.	51.	1.
504	0000	-758	37.2491	81.1547	DLMU-1	0.7	2.5 +	5.9 +	3.66	0.43	8.54	1254.	52.	1.
505	0000	-756	37.2495	81.1547	DLMU-1	0.7	2.4 +	6.0 +	3.69	0.41	9.04	1229.	53.	1.
506	0000	-757	37.2500	81.1547	DLMU-1	0.6	2.5 +	6.0 +	4.06	0.41	9.89	1206.	55.	1.
507	0000	-759	37.2504	81.1546	DLMU-1	0.6	2.3 +	5.9 +	3.81	0.38	9.91	1183.	54.	1.
508	0000	-759	37.2509	81.1546	DLMU-1	0.6	2.2 +	5.4	3.94	0.40	9.75	1145.	55.	2.
509	0000	-760	37.2512	81.1546	DLMU-1	0.5	2.1 +	5.2	3.90	0.41	9.55	1117.	53.	2.
510	0000	-761	37.2517	81.1546	DLMU-1	0.5	2.2 +	4.9	4.51	0.44	10.26	1079.	53.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-762	37.2521	81.1545	DLMU-1	0.4	2.2 +	4.7	5.05	0.47	10.74	1044.	53.	3.
512	0000	-761	37.2526	81.1545	DLMU-1	0.4	2.3 +	4.4	5.75	0.52 +	11.14	1011.	52.	3.
513	0000	-761	37.2530	81.1544	DLMU-1	0.4	2.1 +	4.5	5.42	0.47	11.43	984.	50.	3.
514	0000	-761	37.2534	81.1544	DLMU-1	0.3	2.1 +	4.7	6.41 +	0.45	14.10	960.	52.	3.
515	0000	-762	37.2539	81.1544	DLMU-1	0.3	1.9	4.5	5.89	0.42	14.02	916.	56.	4.
516	0000	-761	37.2543	81.1544	DLMU-1	0.3	1.9	4.2	6.83 +	0.45	15.27	882.	56.	4.
517	0000	-761	37.2547	81.1542	DLMU-1	0.2	1.6	4.2	6.50 +	0.39	16.79 +	855.	58.	5.
518	0000	-761	37.2552	81.1542	DLMU-1	0.2	1.5	4.2	7.02 +	0.37	19.06 +	825.	58.	5.
519	0000	-760	37.2556	81.1542	DLMU-1	0.2	1.5	3.8	6.65 +	0.39	16.88 +	802.	59.	6.
520	0000	-760	37.2560	81.1542	DLMU-1	0.2	1.2	3.6	5.31	0.33	16.01 +	764.	59.	7.
521	0000	-762	37.2565	81.1542	DLMU-1	0.2	1.1	3.2	4.61	0.34	13.52	734.	59.	8.
522	0000	-764	37.2569	81.1541	DLMU-1	0.2	1.1	3.3	4.54	0.34	13.46	743.	54.	8.
523	0000	-763	37.2573	81.1541	DLMU-1	0.3	0.9 -	3.5	2.98	0.25	11.71	746.	56.	9.
524	0000	-764	37.2577	81.1541	STC-1	0.3 +	0.8	3.8 +	2.29 -	0.21 -	10.98	773.	55.	8.
525	0000	-765	37.2582	81.1541	STC-2	0.4	0.7 --	4.1 -	1.62 -	0.16 -	10.11	802.	57.	7.
526	0000	-765	37.2586	81.1540	STC-2	0.5	0.5 --	4.8	1.14 -	0.11 --	10.37	837.	56.	6.
527	0000	-763	37.2590	81.1540	STC-2	0.5	0.9 -	4.4	1.87	0.20	9.36	866.	58.	5.
528	0000	-762	37.2595	81.1539	STC-2	0.5	0.9 -	4.5	1.83	0.21	8.72	898.	59.	4.
529	0000	-764	37.2599	81.1539	STC-2	0.5	1.0 -	4.6	1.78	0.21	8.58	907.	60.	3.
530	0000	-766	37.2603	81.1539	STC-2	0.5	1.1	4.9	2.07	0.22	9.30	928.	61.	2.
531	0000	-766	37.2608	81.1539	STC-2	0.5	1.2	4.9	2.26	0.24	9.33	941.	62.	2.
532	0000	-766	37.2612	81.1538	STC-2	0.5	1.4	4.6	2.71	0.30	8.88	955.	61.	2.
533	0000	-766	37.2616	81.1538	STC-2	0.5	1.5	4.3 -	3.05	0.35	8.82	949.	63.	3.
534	0000	-767	37.2620	81.1537	STC-2	0.5	1.3	4.6	2.86	0.29	9.84	958.	62.	3.
535	0000	-769	37.2625	81.1537	STC-2	0.4	1.4	4.6	3.21	0.32	10.15	942.	64.	3.
536	0000	-771	37.2629	81.1537	STC-2	0.5	1.3	4.2 -	2.94	0.32	9.23	926.	65.	4.
537	0000	-770	37.2634	81.1537	STC-1	0.4 +	1.3	3.7 +	3.20	0.36	8.92 -	889.	65.	5.
538	0000	-769	37.2638	81.1537	STC-1	0.4 +	1.6 +	3.2	4.27	0.50 +	8.48 -	849.	64.	5.
539	0000	-770	37.2642	81.1536	STC-1	0.3 +	1.5 +	3.2	4.36	0.47	9.19 -	807.	65.	4.
540	0000	-770	37.2646	81.1536	STC-1	0.3 +	1.6 +	2.7	4.88	0.59 +	8.27 -	784.	63.	5.
541	0000	-769	37.2651	81.1535	STC-1	0.3	1.6 +	2.3 -	5.67	0.73 ++	7.82 -	740.	63.	5.
542	0000	-769	37.2655	81.1535	STC-1	0.2	1.6 +	2.1 -	6.32	0.76 ++	8.33 -	711.	63.	5.
543	0000	-773	37.2659	81.1534	STC-1	0.2	1.6 +	2.1 -	7.19 +	0.76 ++	9.51	694.	60.	4.
544	0000	-772	37.2664	81.1534	ST	0.2 -	1.5	2.2 --	7.07 +	0.69 +++	10.21	683.	59.	4.
545	0000	-771	37.2668	81.1534	ST	0.2 -	1.0 -	2.5 -	4.15	0.41 +	10.16	673.	62.	6.
546	0000	-772	37.2673	81.1534	ST	0.3 -	0.8 -	2.6 -	3.08	0.31	9.85	687.	61.	7.
547	0000	-773	37.2677	81.1533	ST	0.3 -	0.5 --	2.9 -	1.66 -	0.19 -	8.82	706.	61.	7.
548	0000	-773	37.2681	81.1533	ST	0.4	0.4 --	3.3 -	1.07 --	0.12 --	8.70	739.	63.	8.
549	0010	-773	37.2685	81.1532	ST	0.4	0.2 N.A.	3.9	0.41 N.A.	0.04 N.A.	9.09	780.	63.	9.
550	0010	-771	37.2690	81.1532	OJO	0.5	0.0 N.A.	4.2	0.0 N.A.	0.0 N.A.	8.71	819.	64.	10.
551	0010	-771	37.2694	81.1532	OJO	0.5	0.0 N.A.	4.7	0.0 N.A.	0.0 N.A.	8.54	859.	64.	11.
552	0010	-773	37.2699	81.1532	OJO	0.6	0.0 N.A.	4.9	0.0 N.A.	0.0 N.A.	8.62	895.	64.	11.
553	0010	-774	37.2703	81.1532	OJO	0.6 +	0.2 N.A.	5.1	0.27 N.A.	0.03 N.A.	8.85	919.	63.	10.
554	0000	-774	37.2707	81.1531	OM	0.5	0.4 ---	4.9	0.75 ---	0.08 ---	9.80	927.	66.	9.
555	0000	-774	37.2711	81.1531	OM	0.5	0.7 --	5.2	1.50 --	0.14 --	10.36	948.	66.	7.
556	0000	-774	37.2716	81.1530	OM	0.5	0.9 -	4.8	1.81 -	0.19 -	9.44	959.	66.	6.
557	0000	-773	37.2720	81.1530	OM	0.5	1.2	4.8	2.34	0.24	9.65	979.	68.	5.
558	0000	-772	37.2724	81.1529	OM	0.6	1.3	5.0	2.37	0.26	9.04	1008.	67.	4.
559	0000	-772	37.2728	81.1529	OM	0.6	1.5	5.1	2.66	0.30	8.81	1056.	64.	3.
560	0000	-772	37.2733	81.1529	OTBR	0.6	1.6	4.9	2.42	0.32	7.65 -	1101.	65.	2.
561	0000	-772	37.2737	81.1529	OTBR	0.7	1.3	5.7	1.81	0.23	7.69 -	1164.	62.	3.

FLIGHT LINE 860, DAY 294

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-770	37.2742	81.1528	OTBR	0.9 +	1.1	5.9	1.22 -	0.18	6.68 -	1218.	62.	4.
563	0000	-769	37.2746	81.1528	OTBR	1.0 +	1.2	6.2	1.19 -	0.18	6.43 -	1287.	59.	4.
564	0000	-769	37.2750	81.1527	OSP	1.0 +	1.2	6.4	1.19 -	0.19 -	6.15 -	1342.	55.	4.
565	0000	-768	37.2754	81.1527	OSP	1.0 +	1.4	6.4	1.39 -	0.21	6.50 -	1375.	55.	4.
566	0000	-769	37.2759	81.1527	OSP	1.0 +	1.3	6.3	1.35 -	0.21	6.45 -	1376.	56.	5.
567	0000	-769	37.2763	81.1527	OSP	1.0 +	1.4	6.2	1.48 -	0.23	6.48 -	1354.	56.	6.
568	0000	-768	37.2767	81.1526	OSP	1.0 +	1.5	5.9	1.55 -	0.25	6.18 -	1324.	59.	6.
569	0000	-768	37.2771	81.1526	OB-1	0.9	1.4	5.8	1.43	0.23	6.12	1302.	58.	6.
570	0000	-769	37.2776	81.1526	OB-1	0.9	1.4	5.3	1.49	0.26	5.77	1271.	58.	6.
571	0000	-771	37.2780	81.1525	OB-1	1.0	1.2	4.9	1.22	0.24	5.10	1223.	58.	6.
572	0000	-771	37.2785	81.1525	OB-1	1.0	1.0 -	4.5	1.01 -	0.23	4.36	1178.	60.	5.
573	0000	-769	37.2789	81.1524	OB-1	1.1	1.1 -	4.2	0.99 -	0.25	3.90 -	1159.	60.	5.
574	0000	-766	37.2793	81.1524	OB-1	1.1	0.9 -	4.4	0.82 -	0.21 -	3.90 -	1184.	58.	4.
575	0000	-765	37.2798	81.1524	DMU	1.1	1.1 --	4.2 -	0.99 --	0.26	3.77 --	1232.	53.	5.
576	0000	-764	37.2802	81.1524	DMU	1.1	1.5	4.1 -	1.40 -	0.37 +	3.81 --	1289.	53.	5.
577	0000	-765	37.2807	81.1523	DMU	1.1	1.6	4.4 -	1.39 -	0.35 +	3.92 --	1332.	57.	5.
578	0000	-765	37.2811	81.1523	DMU	1.1	1.9	5.2 -	1.69	0.36 +	4.66 -	1408.	56.	5.
579	0000	-766	37.2815	81.1522	DMU	1.2	1.9	5.7	1.61	0.34	4.78 -	1533.	54.	6.
580	0000	-765	37.2819	81.1522	DMU	1.3 +	2.3	6.4	1.83	0.37 +	5.02 -	1646.	53.	5.
581	0000	-763	37.2824	81.1522	DMU	1.3 +	2.5	7.0	1.86	0.35 +	5.28 -	1744.	53.	5.
582	0000	-762	37.2828	81.1522	DMU	1.4 +	2.8 +	7.8	2.03	0.36 +	5.63	1836.	53.	5.
583	0000	-764	37.2832	81.1521	DMU	1.5 +	2.8 +	8.0	1.90	0.34	5.51	1893.	55.	5.
584	0000	-766	37.2836	81.1521	DMU	1.5 +	2.9 +	8.6 +	1.93	0.34	5.75	1984.	51.	4.
585	0000	-766	37.2841	81.1520	DMU	1.5 +	3.0 +	8.8 +	2.02	0.34	5.88	2033.	53.	4.
586	0000	-765	37.2845	81.1520	DMU	1.4 +	3.3 +	8.8 +	2.34	0.38 +	6.15	2024.	55.	3.
587	0000	-765	37.2850	81.1520	DMU	1.3 +	3.1 +	8.9 +	2.35	0.35 +	6.70	2008.	56.	3.
588	0000	-767	37.2854	81.1520	DMU	1.2	3.2 +	8.7 +	2.66 +	0.37 +	7.28	1969.	56.	3.
589	0000	-767	37.2858	81.1520	DMU	1.2	2.8 +	8.3 +	2.42 +	0.34	7.10	1890.	58.	3.
590	0000	-767	37.2862	81.1519	DMU	1.1	2.7 +	8.5 +	2.52 +	0.32	7.81 +	1818.	55.	2.
591	0000	-767	37.2867	81.1519	DMU	1.0	2.6 +	8.5 +	2.61 +	0.30	8.57 +	1735.	56.	2.
592	0000	-766	37.2871	81.1518	DMU	1.0	2.5	8.2 +	2.56 +	0.31	8.39 +	1681.	55.	3.
593	0000	-769	37.2875	81.1518	DMU	1.0	2.3	8.1	2.39 +	0.28	8.49 +	1618.	55.	2.
594	0000	-772	37.2879	81.1517	MMP	0.9	2.1	8.0	2.22	0.26	8.45	1545.	56.	3.
595	0000	-772	37.2884	81.1517	MMP	1.0	2.0	7.6	2.04	0.27	7.68	1489.	56.	3.
596	0000	-770	37.2888	81.1517	MMP	1.0	1.8	7.5	1.80 -	0.24	7.40	1461.	55.	4.
597	0000	-770	37.2892	81.1517	MMP	1.0	1.7	7.4	1.66 -	0.23 -	7.22	1436.	58.	4.
598	0000	-771	37.2897	81.1516	MMP	1.0	1.9	6.7	1.92	0.29	6.63	1424.	57.	4.
599	0000	-771	37.2901	81.1516	MG	1.0	2.0	7.1	1.95	0.29	6.83	1436.	58.	3.
600	0000	-771	37.2905	81.1515	MG	0.9	2.0	6.7	2.18	0.31	7.08	1347.	59.	3.
601	0000	-770	37.2910	81.1515	MG	0.9	2.0	6.0 -	2.20	0.33	6.63	1309.	58.	4.
602	0000	-771	37.2914	81.1515	MG	0.9	1.9	6.0 -	2.14	0.32	6.74	1277.	59.	4.

FLIGHT LINE 860, DAY 295

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
603	0000	-795	37.2932	81.1689	MH	0.8	1.9	6.3	2.27	0.30	7.54	1260.	62.	5.
604	0000	-794	37.2937	81.1690	MH	0.8	1.9	6.2	2.23	0.30	7.34	1283.	60.	6.
605	0000	-794	37.2942	81.1690	MH	0.9	1.6	6.8	1.72	0.23	7.47	1308.	60.	7.
606	0000	-796	37.2947	81.1690	MH	0.9	1.4	6.5	1.60	0.21	7.45	1317.	62.	9.
607	0000	-796	37.2952	81.1690	MBP	1.1 +	1.4	7.8 +	1.33 -	0.18 -	7.43	1508.	62.	10.
608	0000	-796	37.2957	81.1690	MBP	1.1 +	1.6	8.6 +	1.40 -	0.19 -	7.50	1663.	59.	9.
609	0000	-796	37.2962	81.1690	MBP	1.3 ++	1.7	10.0 ++	1.33 -	0.17 -	7.88	1820.	57.	10.
610	0000	-798	37.2967	81.1690	MBP	1.5 +++	1.9	10.1 +++	1.33 -	0.19 -	6.92	1946.	59.	9.
611	0000	-800	37.2972	81.1690	MBP	1.6 +++	2.0	10.7 +++	1.24 -	0.19 -	6.61 -	2050.	59.	8.
612	0000	-802	37.2977	81.1690	MBP	1.7 +++	2.1	11.4 +++	1.21 -	0.18 -	6.72 -	2127.	59.	7.
613	0000	-803	37.2982	81.1690	MBP	1.8 +++	2.0	11.8 +++	1.14 -	0.17 -	6.65 -	2188.	56.	7.
614	0000	-803	37.2988	81.1690	MBP	1.8 +++	2.1	11.6 +++	1.17 -	0.18 -	6.39 -	2206.	58.	6.
615	0000	-802	37.2993	81.1690	MBP	1.9 +++	2.2 +	11.4 +++	1.20 -	0.20 -	6.11 -	2223.	59.	6.
616	0000	-802	37.2998	81.1690	MBP	1.9 +++	2.3 +	11.0 +++	1.26 -	0.21	5.88 -	2240.	59.	6.
617	0000	-803	37.3002	81.1690	MBP	1.8 +++	2.4 +	11.0 +++	1.32 -	0.22	6.03 -	2241.	56.	6.
618	0000	-804	37.3008	81.1690	MBP	1.7 +++	2.5 +	10.9 +++	1.43 -	0.23	6.28 -	2213.	53.	6.
619	0000	-804	37.3013	81.1690	MBP	1.6 +++	2.6 ++	10.3 +++	1.66	0.26	6.48 -	2148.	53.	5.
620	0000	-804	37.3018	81.1690	MBP	1.5 +++	2.5 +	9.9 ++	1.71	0.26	6.70 -	2042.	52.	4.
621	0000	-805	37.3023	81.1690	MBP	1.4 ++	2.4 +	9.5 ++	1.77	0.25	6.99	1914.	51.	4.
622	0000	-805	37.3028	81.1690	MBP	1.3 ++	2.2 +	9.2 ++	1.70	0.23	7.20	1788.	51.	4.
623	0000	-805	37.3034	81.1690	MBP	1.2 +	2.2	8.6 +	1.66	0.23	7.18	1647.	55.	3.
624	0000	-805	37.3038	81.1690	MBP	1.1 +	1.9	8.2 +	1.80	0.23	7.71	1533.	54.	2.
625	0000	-807	37.3043	81.1690	MBP	1.0	2.0	7.4	2.05	0.27	7.68	1415.	57.	1.
626	0000	-808	37.3049	81.1690	MBP	0.9	1.9	6.6	2.09	0.29	7.27	1304.	57.	1.
627	0000	-809	37.3054	81.1690	MBP	0.9	1.7	6.0	2.00	0.29	6.94	1196.	58.	1.
628	0000	-809	37.3059	81.1690	MBP	0.8	1.6	5.2	2.03	0.31	6.46 -	1105.	57.	1.
629	0000	-811	37.3064	81.1690	MBP	0.8	1.6	5.3	2.06	0.31	6.66 -	1049.	56.	2.
630	0000	-811	37.3069	81.1690	MBP	0.8	1.4	5.3	1.76	0.27	6.65 -	1056.	52.	2.
631	0000	-811	37.3074	81.1690	MBP	0.9	1.3	5.3	1.41 -	0.25	5.77 -	1086.	54.	2.
632	0000	-811	37.3079	81.1690	MBP	1.0	1.3	5.6	1.30 -	0.23	5.74 -	1145.	56.	2.
633	0000	-812	37.3084	81.1690	MBP	1.1 +	1.3	6.5	1.15 -	0.20 -	5.81 -	1267.	58.	2.
634	0000	-811	37.3089	81.1690	MBP	1.3 ++	1.5	7.4	1.19 -	0.20	5.92 -	1420.	59.	2.
635	0000	-811	37.3094	81.1690	MBP	1.3 ++	1.7	7.9 +	1.28 -	0.22	5.92 -	1534.	59.	1.
636	0000	-812	37.3100	81.1690	MBP	1.3 ++	1.8	8.0 +	1.34 -	0.22	5.99 -	1571.	59.	0.
637	0000	-812	37.3104	81.1690	MBP	1.3 ++	1.8	7.7 +	1.42 -	0.23	6.12 -	1541.	59.	0.
638	0000	-813	37.3109	81.1690	MBP	1.1 +	1.9	7.5 +	1.68	0.25	6.71 -	1475.	57.	0.
639	0000	-812	37.3115	81.1690	MBP	1.0 +	1.8	6.9	1.81	0.27	6.78 -	1389.	53.	0.
640	0000	-814	37.3120	81.1690	MBP	0.9	1.7	6.3	1.98	0.28	7.19	1270.	53.	0.
641	0000	-815	37.3125	81.1690	MBP	0.7	1.7	5.6	2.27	0.30	7.50	1156.	51.	0.
642	0000	-815	37.3130	81.1690	MBP	0.7	1.5	5.3	2.17	0.28	7.69	1084.	53.	1.
643	0000	-817	37.3135	81.1690	MBP	0.7	1.4	5.3	2.15	0.27	8.07	1058.	54.	2.
644	0000	-818	37.3140	81.1690	MBP	0.6	1.5	5.2	2.43	0.29	8.42	1046.	54.	2.
645	0000	-818	37.3145	81.1690	MBP	0.6	1.5	5.2	2.47	0.29	8.64	1039.	54.	2.
646	0000	-818	37.3150	81.1690	MBP	0.6	1.4	5.6	2.37	0.25	9.45	1039.	53.	2.
647	0000	-819	37.3155	81.1690	MBP	0.6	1.5	5.5	2.66	0.28	9.45	1025.	50.	2.
648	0000	-819	37.3160	81.1690	MBP	0.5	1.6	5.3	2.97	0.30	9.77	1018.	53.	2.
649	0000	-819	37.3165	81.1690	MBP	0.5	1.7	5.3	3.18	0.32	9.95	1031.	52.	1.
650	0000	-820	37.3171	81.1690	MBP	0.6	1.8	5.4	3.21	0.33	9.85	1055.	52.	1.
651	0000	-820	37.3176	81.1690	MBP	0.6	1.9	5.3	3.04	0.37 +	8.25	1105.	54.	0.
652	0000	-822	37.3181	81.1690	MBP	0.7	2.0	5.5	2.70	0.35 +	7.60	1174.	57.	0.
653	0000	-823	37.3186	81.1690	MBP	0.8	1.9	5.4	2.35	0.35 +	6.70 -	1229.	59.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
654	0000	-822	37.3191	81.1690		MBP	0.9	1.9	5.5	2.26	0.35	6.52 -	1289.	60.	0.
655	0000	-822	37.3196	81.1690		MBP	0.9	1.9	6.0	2.16	0.32	6.81 -	1355.	60.	0.
656	0000	-824	37.3201	81.1690		MBP	1.0	1.8	6.1	1.87	0.29	6.32 -	1418.	59.	1.
657	0000	-823	37.3206	81.1690		MBP	1.0 +	1.9	6.4	1.83	0.29	6.35 -	1477.	60.	1.
658	0000	-823	37.3211	81.1690		MBP	1.0	1.9	6.6	1.91	0.28	6.81 -	1481.	59.	1.
659	0000	-825	37.3216	81.1690		MBP	0.9	2.0	6.6	2.20	0.30	7.24	1475.	57.	1.
660	0000	-824	37.3221	81.1690		MBP	0.9	2.2 +	6.9	2.55	0.32	7.94	1490.	57.	2.
661	0000	-824	37.3226	81.1690		MBP	0.9	2.2 +	6.7	2.48	0.32	7.68	1493.	57.	3.
662	0000	-825	37.3232	81.1690		MBP	0.9	2.2 +	6.5	2.59	0.35	7.43	1479.	56.	3.
663	0000	-827	37.3237	81.1690		MBP	0.8	2.3 +	6.7	2.86	0.34	8.41	1441.	58.	2.
664	0000	-827	37.3241	81.1690		MBP	0.7	2.3 +	6.4	3.11	0.35 +	8.77	1404.	57.	3.
665	0000	-827	37.3247	81.1690		MBP	0.7	2.3 +	6.3	3.18	0.36 +	8.83	1394.	57.	3.
666	0000	-827	37.3252	81.1690		MBP	0.7	2.0	6.6	2.81	0.30	9.23	1384.	56.	3.
667	0000	-830	37.3257	81.1690		MBP	0.7	2.1	6.5	2.97	0.32	9.39	1376.	59.	3.
668	0000	-830	37.3262	81.1690		MBP	0.7	1.9	6.5	2.76	0.30	9.32	1388.	60.	3.
669	0000	-829	37.3267	81.1690		MBP	0.7	1.8	6.5	2.42	0.27	9.01	1392.	60.	4.
670	0000	-829	37.3272	81.1690		MBP	0.7	1.9	6.8	2.67	0.28	9.52	1404.	59.	4.
671	0000	-830	37.3277	81.1690		MBP	0.8	1.8	7.2	2.39	0.25	9.50	1420.	60.	5.
672	0000	-829	37.3282	81.1690		MBP	0.8	1.8	7.5 +	2.27	0.24	9.44	1451.	59.	7.
673	0000	-829	37.3287	81.1690		MBP	0.8	1.8	7.6 +	2.27	0.24	9.42	1469.	61.	8.
674	0000	-830	37.3292	81.1690		MBP	0.8	1.5	7.9 +	1.88	0.19 -	9.82	1448.	60.	10.
675	0000	-831	37.3298	81.1690		MBP	0.8	1.5	8.0 +	1.91	0.19 -	9.89	1438.	58.	10.
676	0000	-832	37.3303	81.1690		MBP	0.8	1.7	7.9 +	2.13	0.21	10.12	1438.	58.	10.
677	0000	-833	37.3308	81.1690		MBP	0.8	1.5	7.4	1.92	0.21	9.37	1408.	56.	11.
678	0000	-832	37.3313	81.1690		MBP	0.7	1.5	6.7	2.08	0.23	8.99	1326.	54.	10.
679	0000	-834	37.3318	81.1690		MBP	0.7	1.3	6.5	1.88	0.19 -	9.71	1210.	52.	9.
680	0000	-835	37.3323	81.1690		MBP	0.6	1.2 -	5.5	2.12	0.22	9.76	1067.	52.	8.
681	0000	-834	37.3328	81.1690		MBP	0.5	1.2 -	4.5 -	2.30	0.26	8.79	949.	53.	7.
682	0000	-835	37.3333	81.1690		MBP	0.4 -	1.1 -	4.0 -	2.59	0.28	9.36	843.	54.	6.
683	0000	-836	37.3338	81.1690		MBP	0.4 -	0.9 -	4.0 -	2.13	0.23	9.25	801.	53.	5.
684	0000	-836	37.3343	81.1690		MBP	0.5 -	1.0 -	4.5 -	2.05	0.22	9.48	824.	53.	3.
685	0000	-835	37.3348	81.1690		MBP	0.6	0.9 -	5.1	1.70	0.19 -	9.04	916.	57.	3.
686	0000	-836	37.3353	81.1690		MBP	0.6	1.2 -	5.5	1.86	0.21	8.76	1035.	57.	2.
687	0000	-835	37.3358	81.1690		MBP	0.8	1.2	6.1	1.56 -	0.20	7.71	1176.	57.	3.
688	0000	-835	37.3363	81.1690		MBP	0.9	1.4	7.2	1.54 -	0.19 -	8.03	1311.	56.	2.
689	0000	-835	37.3369	81.1690		MBP	1.0	1.4	7.6 +	1.52 -	0.19 -	7.95	1410.	54.	2.
690	0000	-837	37.3374	81.1690		MBP	1.0	1.6	7.8 +	1.64	0.20	8.13	1447.	56.	2.
691	0000	-837	37.3379	81.1690		MBP	0.9	1.6	7.6 +	1.75	0.21	8.20	1434.	58.	2.
692	0000	-838	37.3384	81.1690		MBP	0.9	1.6	7.3	1.87	0.23	8.30	1392.	56.	2.
693	0000	-837	37.3389	81.1690		MH	0.8	1.7	7.1	2.02	0.24	8.38	1346.	56.	3.
694	0000	-839	37.3394	81.1690		MH	0.7	1.9	7.1	2.74	0.27	10.09	1295.	57.	2.
695	0000	-840	37.3399	81.1691		MH	0.7	2.0	6.5	3.02	0.30	9.95	1267.	57.	3.
696	0000	-839	37.3404	81.1691		MH	0.6	2.0	6.7	3.18	0.30	10.48	1257.	58.	2.
697	0000	-838	37.3410	81.1691		MH	0.6	2.3 +	6.3	3.78 +	0.36 +	10.49	1240.	56.	3.
698	0000	-840	37.3414	81.1691		MH	0.6	2.0	6.4	3.54 +	0.32	11.04 +	1224.	56.	3.
699	0000	-840	37.3419	81.1691		MH	0.6	2.1	6.3	3.74 +	0.33	11.43 +	1219.	54.	4.
700	0000	-839	37.3424	81.1691		MH	0.6	1.9	6.4	3.24	0.30	10.77	1227.	54.	5.
701	0000	-840	37.3430	81.1691		MH	0.7	1.6	6.8	2.38	0.24	10.06	1251.	54.	5.
702	0000	-841	37.3435	81.1691		MH	0.7	1.6	6.8	2.43	0.24	10.23	1241.	54.	5.
703	0000	-840	37.3440	81.1691		MH	0.7	1.7	6.6	2.58	0.26	10.10	1228.	53.	5.
704	0000	-839	37.3445	81.1691		MH	0.7	1.5	6.7	2.14	0.22	9.75	1223.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
705	0000	-841	37.3450	81.1691		MH	0.7	1.7	6.2	2.40	0.27	8.96	1207.	53.	4.
706	0000	-842	37.3455	81.1691		MH	0.7	1.6	5.8	2.28	0.27	8.46	1164.	53.	4.
707	0000	-843	37.3460	81.1691		MH	0.6	1.5	5.1 -	2.30	0.29	7.97	1086.	55.	3.
708	0000	-843	37.3465	81.1691		MH	0.5	1.5	4.2 -	2.81	0.36 +	7.74	987.	54.	3.
709	0000	-844	37.3470	81.1691		MH	0.5 -	1.4	3.7 --	2.84	0.38 +	7.39	905.	56.	3.
710	0000	-844	37.3475	81.1691		MH	0.5 -	1.3 -	3.3 --	2.58	0.38 +	6.79	842.	56.	3.
711	0000	-844	37.3480	81.1691		MH	0.4 -	1.2 -	3.1 --	2.67	0.38 +	7.07	807.	54.	3.
712	0000	-845	37.3485	81.1691		MH	0.4 -	1.3	3.1 --	3.16	0.42 +	7.53	803.	54.	3.
713	0000	-847	37.3490	81.1691		MH	0.4 -	1.3	3.4 --	3.17	0.40 +	8.01	820.	58.	3.
714	0000	-847	37.3495	81.1691		MH	0.4 -	1.8	3.6 --	4.98 +	0.51 ++	9.84	870.	56.	3.
715	0000	-847	37.3501	81.1691		MH	0.4 -	1.9	4.0 -	4.61 +	0.47 ++	9.91	936.	55.	3.
716	0000	-847	37.3506	81.1691		MH	0.5 -	2.0	4.2 -	4.31 +	0.47 ++	9.08	1008.	54.	3.
717	0000	-847	37.3511	81.1691		MH	0.5 -	1.9	4.8 -	3.92 +	0.39 +	9.94	1052.	55.	4.
718	0000	-848	37.3516	81.1691		MH	0.5 -	2.0	4.9 -	4.39 +	0.41 +	10.74	1073.	57.	4.
719	0000	-847	37.3521	81.1691		MH	0.5 -	1.7	5.1 -	3.52 +	0.33	10.77	1079.	59.	5.
720	0000	-844	37.3526	81.1691		MH	0.4 -	1.8	4.9 -	3.96 +	0.36 +	10.95 +	1071.	60.	4.
721	0000	-848	37.3531	81.1691		MH	0.5 -	1.5	5.4	3.02	0.28	10.95 +	1066.	62.	4.
722	0000	-851	37.3536	81.1691		MH	0.5 -	1.7	5.4	3.69 +	0.31	11.94 +	1073.	63.	3.
723	0000	-851	37.3542	81.1691		MH	0.5 -	1.5	5.8	3.36 +	0.27	12.51 +	1094.	64.	2.
724	0000	-851	37.3547	81.1691		MH	0.5 -	1.8	6.0	3.78 +	0.30	12.49 +	1131.	63.	1.
725	0000	-852	37.3551	81.1691		MH	0.5 -	1.7	5.8	3.49 +	0.29	11.85 +	1150.	63.	2.
726	0000	-852	37.3557	81.1691		MH	0.5 -	2.0	6.0	4.00 +	0.33	12.27 +	1172.	61.	1.
727	0000	-852	37.3562	81.1691		MH	0.5 -	1.8	6.4	3.68 +	0.28	12.99 +	1182.	59.	2.
728	0000	-853	37.3567	81.1691		MH	0.5 -	1.9	6.1	3.92 +	0.31	12.51 +	1182.	59.	2.
729	0000	-853	37.3572	81.1691		MH	0.6	1.7	6.3	3.09	0.27	11.41 +	1197.	58.	2.
730	0000	-853	37.3577	81.1691		MH	0.6	1.8	6.2	2.92	0.29	10.15	1226.	56.	2.
731	0000	-853	37.3582	81.1691		MH	0.7	1.9	5.8	2.78	0.33	8.48	1263.	56.	3.
732	0000	-855	37.3587	81.1691		MH	0.8	1.9	6.4	2.36	0.30	7.79	1344.	57.	3.
733	0000	-855	37.3592	81.1691		MH	0.9	1.9	6.6	2.06	0.28	7.31	1399.	59.	4.
734	0000	-855	37.3597	81.1691		MH	1.0	1.9	6.7	2.01	0.29	6.91	1448.	60.	5.
735	0000	-854	37.3602	81.1691		MH	1.0	1.9	6.9	1.97	0.28	7.06	1491.	59.	5.
736	0000	-856	37.3608	81.1691		MH	1.0	2.0	6.7	2.10	0.30	7.02	1482.	60.	6.
737	0000	-857	37.3613	81.1691		MH	0.9	2.0	6.7	2.34	0.30	7.72	1451.	60.	6.
738	0000	-857	37.3617	81.1691		MH	0.8	1.8	6.4	2.30	0.29	8.02	1386.	60.	7.
739	0000	-857	37.3622	81.1692		MH	0.6	1.7	5.8	2.68	0.30	8.93	1266.	61.	7.
740	0000	-858	37.3628	81.1692		MH	0.6	1.6	5.1 -	2.80	0.31	9.15	1158.	59.	8.
741	0000	-857	37.3633	81.1692		MH	0.5 -	1.5	4.7 -	3.21	0.32	9.97	1070.	57.	7.
742	0000	-857	37.3638	81.1692		MH	0.5 -	1.2 -	4.4 -	2.70	0.28	9.62	977.	58.	8.
743	0000	-857	37.3643	81.1692		MH	0.4 -	1.1 -	4.1 -	2.63	0.27	9.74	925.	59.	8.
744	0000	-858	37.3648	81.1692		MH	0.4 -	0.9 -	3.7 --	2.58	0.25	10.26	870.	59.	8.
745	0000	-859	37.3653	81.1692		MH	0.3 -	0.8 -	3.9 -	2.50	0.21	11.68 +	825.	58.	7.
746	0000	-859	37.3658	81.1692		MH	0.4 -	0.9 -	3.6 --	2.46	0.24	10.14	796.	59.	5.
747	0000	-859	37.3663	81.1692		MH	0.3 -	1.0 -	3.6 --	2.96	0.28	10.74	766.	59.	4.
748	0000	-860	37.3669	81.1692		MH	0.3 -	0.9 -	3.6 --	2.82	0.25	11.25 +	733.	59.	3.
749	0000	-861	37.3674	81.1692		MH	0.3 -	1.0 -	3.5 --	3.93 +	0.29	13.37 +	703.	54.	2.
750	0000	-862	37.3679	81.1692		MH	0.3 -	0.9 -	3.4 --	3.29	0.26	12.42 +	666.	54.	1.
751	0000	-864	37.3684	81.1692		MH	0.3 -	1.0 -	3.3 --	3.41 +	0.29	11.64 +	645.	53.	1.
752	0000	-865	37.3689	81.1692		MH	0.3 -	1.0 -	3.5 --	3.66 +	0.30	12.11 +	646.	52.	0.
753	0000	-866	37.3694	81.1692		MH	0.3 -	1.2 -	3.7 --	4.53 +	0.32	14.05 ++	664.	53.	0.
754	0000	-867	37.3699	81.1692		MBF-1	0.2 -	1.6	3.7	6.53 +	0.43	15.29 +	704.	53.	0.
755	0000	-869	37.3704	81.1692		MBF-1	0.3 -	1.8	4.0	5.99 +	0.46	15.35 +	743.	55.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

* TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
756	0000	-869	37.3709	81.1692	MBF-1	0.3	1.9	4.0	5.68 +	0.47	12.14	787.	58.	1.
757	0000	-869	37.3714	81.1692	MBF-1	0.4	2.0	3.9	5.34 +	0.50 +	10.75	826.	60.	1.
758	0000	-870	37.3720	81.1692	MBF-1	0.4	1.8	4.1	4.27	0.43	9.89	853.	62.	2.
759	0000	-871	37.3724	81.1692	MBF-1	0.4	1.8	4.1	4.05	0.45	9.03	895.	64.	2.
760	0000	-872	37.3729	81.1692	MBF-1	0.5	1.7	4.3	3.32	0.40	8.28	938.	65.	3.
761	0000	-873	37.3734	81.1692	MBF-2	0.6 -	1.4	4.9 -	2.36	0.29	8.07 +	1000.	67.	3.
762	0000	-873	37.3740	81.1692	MBF-2	0.7 -	1.4 -	4.9 -	2.13	0.29	7.41	1060.	64.	3.
763	0000	-874	37.3745	81.1692	MBF-2	0.7 -	1.5	5.2 -	2.02	0.29	7.05	1113.	66.	3.
764	0000	-874	37.3750	81.1692	MBF-2	0.8 -	1.5	5.5 -	2.02	0.28	7.24	1172.	65.	3.
765	0000	-875	37.3755	81.1692	MBF-2	0.8 -	1.8	5.6 -	2.20	0.32	6.83	1232.	64.	2.
766	0000	-875	37.3760	81.1692	MBF-2	0.8	1.9	5.7 -	2.29	0.33	6.90	1270.	62.	2.
767	0000	-875	37.3765	81.1692	MBF-2	0.8	2.0	6.2	2.36	0.32	7.36	1305.	59.	2.
768	0000	-876	37.3770	81.1692	MBF-2	0.8	2.1	5.9 -	2.45 +	0.35 +	6.96	1306.	60.	2.
769	0000	-875	37.3775	81.1692	MBF-2	0.8	1.9	6.0 -	2.29	0.32	7.19	1302.	60.	3.
770	0000	-875	37.3781	81.1692	MBF-2	0.8 -	1.9	6.0 -	2.27	0.31	7.20	1319.	58.	3.
771	0000	-877	37.3786	81.1692	MH	0.9	2.0	5.8	2.36	0.34 +	6.85	1340.	58.	4.
772	0000	-877	37.3790	81.1692	MH	0.8	1.9	6.1	2.26	0.31	7.26	1352.	59.	3.
773	0000	-877	37.3795	81.1692	MH	0.9	1.9	6.2	2.16	0.30	7.14	1367.	58.	3.
774	0000	-878	37.3801	81.1692	MH	0.9	1.8	5.7	2.04	0.32	6.39 -	1385.	57.	3.
775	0000	-878	37.3806	81.1692	MH	0.9	1.8	6.0	2.00	0.30	6.72	1399.	55.	3.
776	0000	-879	37.3811	81.1692	MH	0.9	2.0	5.8	2.13	0.34	6.34 -	1415.	56.	2.
777	0000	-879	37.3816	81.1692	MH	0.9	1.9	6.3	2.17	0.30	7.12	1413.	58.	2.
778	0000	-880	37.3821	81.1692	MH	0.9	1.8	6.2	1.97	0.29	6.85	1390.	57.	2.
779	0000	-880	37.3826	81.1692	MH	0.9	1.7	6.1	2.01	0.28	7.09	1372.	56.	2.
780	0000	-880	37.3831	81.1692	MBP	0.8	1.7	6.4	2.13	0.27	7.79	1350.	56.	2.
781	0000	-880	37.3836	81.1692	MBP	0.8	1.8	6.5	2.17	0.27	8.01	1334.	58.	3.
782	0000	-880	37.3841	81.1692	MBP	0.8	1.8	6.4	2.17	0.27	7.93	1327.	58.	3.
783	0000	-876	37.3846	81.1692	MBP	0.8	1.8	6.6	2.12	0.27	7.90	1339.	55.	4.
784	0000	-866	37.3852	81.1692	MBP	0.9	1.8	6.3	2.10	0.28	7.39	1344.	53.	4.
785	0000	-857	37.3856	81.1692	MBP	0.8	1.9	6.4	2.29	0.30	7.75	1364.	51.	5.
786	0000	-868	37.3861	81.1693	MBP	0.8	1.8	6.8	2.17	0.27	8.09	1378.	52.	6.
787	0000	-884	37.3867	81.1693	MBP	0.9	1.5	6.8	1.79	0.23	7.94	1393.	53.	8.
788	0000	-889	37.3871	81.1693	MBP	0.8	1.4	6.9	1.62	0.20 -	8.24	1389.	51.	10.
789	0000	-889	37.3876	81.1693	MBP	0.8	1.4	6.9	1.61	0.20 -	8.15	1398.	51.	11.
790	0000	-890	37.3881	81.1693	MBP	0.9	1.2	6.9	1.42 -	0.18 -	8.10	1406.	54.	11.
791	0000	-889	37.3886	81.1693	MBP	0.9	1.3	7.0	1.45 -	0.18 -	7.96	1436.	55.	10.
792	0000	-888	37.3891	81.1693	MBP	0.9	1.3	7.5	1.37 -	0.17 -	7.97	1470.	55.	8.
793	0000	-889	37.3896	81.1693	MBP	1.0 +	1.6	7.1	1.55 -	0.22	7.07	1514.	55.	7.
794	0000	-890	37.3900	81.1693	MBP	1.0 +	1.8	6.6	1.83	0.28	6.51 -	1538.	57.	5.
795	0000	-889	37.3905	81.1693	MBP	1.0 +	2.0	6.7	1.96	0.30	6.54 -	1575.	56.	3.
796	0000	-887	37.3911	81.1693	MBP	1.0 +	2.1	7.1	2.02	0.30	6.84 -	1587.	58.	1.
797	0000	-886	37.3915	81.1693	MBP	1.0	2.3 +	7.3	2.41	0.32	7.52	1590.	57.	0.
798	0000	-890	37.3920	81.1693	MBP	0.9	2.3 +	7.3	2.50	0.32	7.86	1569.	57.	0.
799	0000	-892	37.3925	81.1693	MBP	0.9	2.3 +	7.0	2.53	0.33	7.74	1550.	56.	0.
800	0000	-893	37.3930	81.1693	MBP	0.8	2.4 +	7.5	2.83	0.32	8.82	1542.	55.	0.
801	0000	-893	37.3935	81.1693	MBP	0.8	2.5 +	7.7 +	3.04	0.33	9.35	1538.	53.	0.
802	0000	-895	37.3940	81.1693	MBP	0.8	2.4 +	7.8 +	2.87	0.31	9.31	1533.	51.	0.
803	0000	-895	37.3944	81.1693	MBP	0.8	2.5 +	7.4	2.96	0.34	8.76	1529.	49.	1.
804	0000	-896	37.3950	81.1693	MBP	0.9	2.1 +	7.4	2.37	0.29	8.23	1534.	48.	3.
805	0000	-898	37.3955	81.1693	MBP	0.9	2.1	7.6 +	2.34	0.28	8.50	1534.	48.	4.
806	0000	-899	37.3959	81.1693	MBP	0.9	2.1	7.7 +	2.47	0.28	8.92	1539.	50.	5.

VALUES AND STATISTICAL SIGNIFICANCES

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
807	0000	-900	37.3965	81.1694	MBP	0.9	1.8	7.6 +	2.07	0.24	8.56	1539.	48.	7.
808	0000	-901	37.3969	81.1694	MBP	0.9	1.7	8.2 +	1.83	0.21	8.86	1578.	48.	8.
809	0000	-901	37.3974	81.1694	MBP	0.9	1.8	8.3 +	1.94	0.22	8.75	1601.	50.	9.
810	0000	-903	37.3979	81.1694	MBP	1.0 +	1.8	8.3 +	1.79	0.21	8.39	1640.	52.	9.
811	0000	-903	37.3984	81.1694	MBP	1.0 +	2.1	8.3 +	2.07	0.26	8.10	1653.	52.	8.
812	0000	-904	37.3989	81.1694	MBP	1.0 +	2.3 +	8.3 +	2.26	0.28	8.06	1665.	53.	6.
813	0000	-904	37.3994	81.1694	MBP	1.0 +	2.3 +	8.6 +	2.32	0.27	8.62	1639.	54.	5.
814	0000	-905	37.3999	81.1694	MBP	1.0	2.5 +	8.4 +	2.56	0.29	8.77	1604.	54.	4.
815	0000	-905	37.4004	81.1694	MBP	0.9	2.6 +	7.5 +	2.82	0.34	8.29	1541.	54.	2.
816	0000	-906	37.4009	81.1694	MBP	0.8	2.5 +	7.1	2.95	0.35	8.52	1457.	56.	2.
817	0000	-906	37.4014	81.1695	MBP	0.7	2.3 +	6.9	3.12	0.33	9.52	1356.	57.	2.
818	0000	-907	37.4019	81.1695	MBP	0.6	2.1	6.2	3.34	0.33	10.13	1265.	56.	3.
819	0000	-908	37.4023	81.1695	MBP	0.6	1.8	5.6	3.11	0.33	9.47	1175.	54.	4.
820	0000	-908	37.4028	81.1695	MBP	0.6	1.7	4.8 -	2.89	0.35	8.23	1119.	55.	5.
821	0000	-909	37.4033	81.1695	MBP	0.6	1.4	4.4 -	2.58	0.33	7.82	1063.	55.	6.
822	0000	-911	37.4038	81.1695	MBP	0.5	1.1 -	4.4 -	1.95	0.24	8.06	1033.	55.	8.
823	0000	-911	37.4043	81.1695	MBP	0.6	1.1 -	4.8 -	1.83	0.22	8.1[illegible]	1058.	52.	7.
824	0000	-912	37.4048	81.1695	MBP	0.7	1.0 -	5.5	1.52 -	0.19 -	8.08	1132.	50.	7.
825	0000	-913	37.4053	81.1695	MBP	0.7	1.3	6.3	1.71	0.20	8.46	1226.	49.	7.
826	0000	-913	37.4058	81.1695	MBP	0.8	1.3	7.0	1.57 -	0.19 -	8.26	1320.	51.	7.
827	0000	-913	37.4063	81.1695	MBP	0.9	1.4	7.6 +	1.62	0.19 -	8.49	1404.	49.	7.
828	0000	-915	37.4067	81.1696	MBP	1.0 +	1.6	7.9 +	1.60	0.20	7.98	1481.	51.	7.
829	0000	-915	37.4072	81.1696	MBP	1.1 +	1.7	8.6 +	1.59	0.20 -	8.05	1544.	51.	7.
830	0000	-916	37.4077	81.1696	MBP	1.1 +	1.7	8.8 ++	1.56 -	0.19 -	8.03	1595.	52.	7.
831	0000	-917	37.4082	81.1696	MBP	1.1 +	1.8	8.8 ++	1.73	0.21	8.25	1607.	53.	6.
832	0000	-917	37.4087	81.1696	MBP	1.1 +	1.5	8.4 +	1.43 -	0.18 -	7.82	1592.	52.	7.
833	0000	-918	37.4092	81.1696	MBP	1.0 +	1.4	8.3 +	1.39 -	0.17 -	8.04	1574.	53.	6.
834	0000	-919	37.4097	81.1696	MBP	1.0 +	1.4	8.1 +	1.32 -	0.17 -	7.78	1566.	53.	6.
835	0000	-919	37.4102	81.1696	MBP	1.0 +	1.4	7.9 +	1.44 -	0.18 -	8.03	1566.	53.	6.
836	0000	-918	37.4107	81.1696	MBP	1.0	1.3	7.5 +	1.34 -	0.17 -	7.88	1539.	56.	6.
837	0000	-918	37.4112	81.1696	MBP	0.9	1.2	6.7	1.33 -	0.19 -	7.17	1481.	56.	8.
838	0000	-919	37.4117	81.1697	MBP	0.9	1.2 -	6.1	1.31 -	0.19 -	6.81 -	1413.	55.	9.
839	0000	-919	37.4121	81.1697	MBP	0.8	1.1 -	5.7	1.28 -	0.19 -	6.81 -	1359.	57.	10.
840	0000	-919	37.4127	81.1697	MBP	0.8	1.2	5.2	1.56 -	0.24	6.59 -	1309.	57.	11.
841	0000	-920	37.4132	81.1697	MBP	0.7	1.2 -	5.1	1.70	0.23	7.32	1249.	58.	11.
842	0000	-921	37.4136	81.1697	MBP	0.6	1.1 -	5.1	1.69	0.21	7.97	1193.	58.	12.
843	0000	-921	37.4141	81.1697	MBP	0.7	1.1 -	5.1	1.71	0.22	7.72	1190.	56.	12.
844	0000	-922	37.4146	81.1697	MBP	0.6	1.2 -	5.4	1.84	0.22	8.37	1198.	56.	11.
845	0000	-922	37.4151	81.1697	MBP	0.7	1.0 -	5.7	1.53 -	0.18 -	8.60	1201.	58.	11.
846	0000	-924	37.4156	81.1697	MBP	0.6	1.2	5.5	1.92	0.23	8.47	1219.	57.	10.
847	0000	-925	37.4161	81.1697	MBP	0.7	1.1 -	6.2	1.66	0.18 -	9.18	1248.	55.	10.
848	0000	-925	37.4165	81.1697	MBP	0.7	1.2	6.2	1.66	0.20 -	8.45	1288.	56.	10.
849	0000	-927	37.4171	81.1698	MBP	0.8	1.3	6.5	1.59	0.19 -	8.24	1312.	56.	8.
850	0000	-928	37.4176	81.1698	MBP	0.7	1.5	6.4	1.95	0.23	8.54	1308.	56.	7.
851	0000	-927	37.4180	81.1698	MBP	0.7	1.4	6.3	1.95	0.22	8.69	1298.	57.	6.
852	0000	-928	37.4186	81.1698	MBP	0.7	1.8	5.7	2.61	0.31	8.49	1283.	56.	5.
853	0000	-928	37.4190	81.1698	MBP	0.6	1.8	5.8	2.87	0.31	9.22	1230.	56.	3.
854	0000	-929	37.4195	81.1698	MBP	0.6	1.8	5.3	3.14	0.34	9.13	1182.	55.	3.
855	0000	-929	37.4200	81.1698	MBP	0.5	1.8	5.2	3.55 +	0.34	10.39	1103.	56.	2.
856	0000	-929	37.4205	81.1698	MBP	0.4 -	1.7	4.8 -	3.97 +	0.36 +	10.99 +	1026.	56.	2.
857	0000	-930	37.4210	81.1698	MBP	0.4 -	1.6	4.3 -	4.29 +	0.38 +	11.35 +	949.	58.	4.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
858	0000	-931	37.4215	81.1698		MBP	0.3 -	1.6	4.3 -	4.71 +	0.36 +	13.02 +	909.	54.	4.
859	0000	-931	37.4220	81.1698		PPP	0.3 --	1.4 -	4.5 -	4.10 ++	0.30	13.46 +++	890.	52.	5.
860	0000	-931	37.4225	81.1698		PPP	0.3 --	1.3 -	4.5 -	3.76 ++	0.29	12.99 +++	896.	52.	6.
861	0000	-932	37.4230	81.1698		PPP	0.3 ---	1.3	4.8 -	4.00 ++	0.27	14.80 +++	900.	54.	6.
862	0000	-931	37.4234	81.1698		PPP	0.4 --	1.2 -	4.6 -	3.43 ++	0.27	12.86 +++	928.	53.	7.
863	0000	-932	37.4240	81.1698		PPP	0.4 --	1.4	4.9 -	3.88 ++	0.28	13.76 +++	967.	53.	6.
864	0000	-932	37.4244	81.1698		PPP	0.4 --	1.3	5.2	3.22 +	0.26	12.52 +++	1004.	51.	5.
865	0000	-933	37.4249	81.1698		PPP	0.4 --	1.4	5.1	3.38 +	0.27	12.63 +++	1006.	54.	4.
866	0000	-934	37.4254	81.1698		PPP	0.4 --	1.4	5.1	3.41 +	0.27	12.44 +++	1007.	57.	4.
867	0000	-934	37.4259	81.1698		MBP	0.4 -	1.5	5.1	3.70 +	0.29	12.98 +	1012.	56.	3.
868	0000	-935	37.4264	81.1698		MBP	0.4 -	1.4	4.8 -	3.31	0.28	11.80 +	1004.	53.	4.
869	0000	-936	37.4269	81.1698		MBP	0.4 -	1.4	4.8 -	3.68 +	0.29	12.52 +	984.	53.	4.
870	0000	-936	37.4274	81.1699		MBP	0.4 -	1.2 -	4.6 -	2.94	0.26	11.49 +	958.	53.	6.
871	0000	-936	37.4279	81.1699		MBP	0.4 -	1.0 -	4.4 -	2.92	0.23	12.63 +	920.	55.	7.
872	0000	-936	37.4284	81.1699		MBP	0.4 -	1.0 -	4.3 -	2.34	0.23	10.37	923.	56.	9.
873	0000	-937	37.4288	81.1699		MBP	0.5 -	0.8 -	4.6 -	1.78	0.18 -	9.92	969.	56.	10.
874	0000	-937	37.4294	81.1699		MBP	0.6	0.7 --	5.2	1.19 -	0.13 --	9.36	1020.	58.	10.
875	0000	-938	37.4298	81.1699		MBP	0.6	0.9 -	5.7	1.33 -	0.15 -	8.78	1121.	60.	10.
876	0000	-938	37.4303	81.1699		MBP	0.8	0.9 -	6.5	1.09 -	0.13 --	8.09	1227.	59.	10.
877	0000	-939	37.4308	81.1699		MBP	0.8	1.1 -	6.9	1.36 -	0.16 -	8.31	1295.	57.	9.
878	0000	-939	37.4313	81.1699		MBP	0.9	1.5	7.2	1.75	0.21	8.18	1386.	56.	8.
879	0000	-939	37.4318	81.1699		MBP	0.9	1.5	7.6 +	1.74	0.20	8.61	1418.	56.	8.
880	0000	-939	37.4323	81.1699		MBP	0.8	1.6	7.5 +	1.95	0.22	9.01	1389.	56.	7.
881	0000	-939	37.4328	81.1700		MBP	0.8	1.6	7.0	2.07	0.23	9.01	1326.	59.	8.
882	0000	-939	37.4332	81.1700		MBP	0.7	1.6	6.5	2.34	0.24	9.68	1212.	59.	7.
883	0000	-939	37.4338	81.1700		MBP	0.5	1.6	6.0	3.05	0.26	11.51 +	1116.	59.	7.
884	0000	-938	37.4342	81.1700		MBP	0.5 -	1.5	5.5	3.35	0.28	11.93 +	1056.	59.	7.
885	0000	-939	37.4347	81.1700		MBP	0.4 -	1.4	4.9	3.20	0.28	11.37 +	974.	59.	7.
886	0000	-939	37.4352	81.1700		MBP	0.4 -	1.4	4.8 -	3.83 +	0.29	13.31 +	926.	60.	7.
887	0000	-939	37.4357	81.1700		MBP	0.4 -	1.3	4.5 -	3.37 +	0.29	11.42 +	889.	60.	7.
888	0000	-938	37.4362	81.1700		MBP	0.4 -	1.2	4.5 -	3.12	0.27	11.46 +	887.	60.	7.
889	0000	-940	37.4367	81.1700		MBP	0.5 -	1.1 -	4.7 -	2.44	0.23	10.38	915.	60.	8.
890	0000	-940	37.4372	81.1700		MBP	0.5	1.0 -	4.6 -	1.94	0.21	9.29	933.	62.	8.
891	0000	-940	37.4377	81.1701		MBP	0.5	0.9 -	5.1	1.60	0.17 -	9.49	992.	62.	8.
892	0000	-940	37.4382	81.1701		MBP	0.6	0.8 -	5.6	1.34 -	0.14 --	9.25	1074.	61.	9.
893	0000	-941	37.4387	81.1701		MBP	0.7	1.0 -	5.6	1.34 -	0.17 -	7.86	1155.	59.	9.
894	0000	-942	37.4392	81.1701		MBP	0.8	1.0 -	6.2	1.35 -	0.17 -	8.03	1235.	59.	9.
895	0000	-942	37.4396	81.1701		MBP	0.9	0.9 -	6.5	1.10 -	0.15 --	7.54	1314.	55.	10.
896	0000	-942	37.4402	81.1701		MBP	0.9	1.0 -	6.5	1.19 -	0.16 -	7.49	1368.	54.	10.
897	0000	-942	37.4407	81.1701		MBP	0.9	1.2 -	6.5	1.27 -	0.18 -	6.96	1396.	53.	10.
898	0000	-942	37.4411	81.1701		MBP	1.0	1.3	6.0	1.31 -	0.21	6.31 -	1388.	54.	10.
899	0000	-941	37.4416	81.1701		MBP	0.9	1.2	6.4	1.40 -	0.20 -	7.15	1360.	55.	8.
900	0000	-941	37.4421	81.1701		MBP	0.8	1.3	6.2	1.48 -	0.20	7.28	1333.	56.	8.
901	0000	-942	37.4426	81.1701		MBP	0.8	1.3	6.1	1.59	0.21	7.53	1317.	55.	7.
902	0000	-941	37.4431	81.1702		MBP	0.8	1.5	5.9	2.00	0.25	7.84	1265.	55.	6.
903	0000	-941	37.4436	81.1702		MBP	0.7	1.7	5.8	2.37	0.29	8.08	1227.	55.	4.
904	0000	-940	37.4440	81.1702		MBP	0.6	1.8	6.0	2.84	0.31	9.24	1223.	55.	4.
905	0000	-942	37.4446	81.1702		MBP	0.7	2.0	5.8	2.99	0.34	8.85	1228.	55.	3.
906	0000	-943	37.4451	81.1702		MBP	0.7	2.0	5.7	3.01	0.35	8.62	1232.	53.	4.
907	0000	-943	37.4455	81.1702		MBP	0.7	2.0	6.1	2.92	0.32	9.14	1238.	52.	4.
908	0000	-942	37.4460	81.1702		MBP	0.7	1.9	6.3	2.83	0.31	9.18	1251.	52.	4.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	QUAL (AKUT)	TAGS MA	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
909	0000	-943	37.4465	81.1702		MBP	0.7	1.8	6.5	2.40	0.27	8.79	1314.	55.	5.
910	0000	-944	37.4471	81.1702		MBP	0.9	1.6	6.8	1.89	0.24	8.02	1378.	53.	6.
911	0000	-943	37.4475	81.1702		MBP	0.9	1.3	7.2	1.46 -	0.18 -	7.93	1447.	52.	6.
912	0000	-942	37.4480	81.1703		MBP	1.0	1.1 -	8.4 +	1.16 -	0.13 --	8.81	1512.	53.	7.
913	0000	-943	37.4485	81.1703		MBP	1.0 +	1.2	8.5 +	1.20 -	0.14 --	8.39	1544.	54.	7.
914	0000	-943	37.4490	81.1703		MBP	1.1 +	1.2 -	8.6 +	1.12 -	0.14 --	8.02	1578.	54.	6.
915	0000	-942	37.4495	81.1703		MBP	1.1 +	1.2	8.6 +	1.12 -	0.14 --	7.78	1588.	55.	6.
916	0000	-942	37.4500	81.1703		MBP	1.0 +	1.3	8.8 ++	1.28 -	0.15 -	8.43	1564.	51.	5.
917	0000	-942	37.4505	81.1703		MBP	1.0	1.2 -	8.5 +	1.22 -	0.14 --	8.82	1501.	53.	5.
918	0000	-941	37.4510	81.1703		MBP	0.9	1.3	8.1 +	1.42 -	0.16 -	9.05	1400.	55.	4.
919	0000	-940	37.4515	81.1703		MBP	0.8	1.4	6.8	1.74	0.20	8.64	1284.	53.	4.
920	0000	-939	37.4519	81.1703		MBP	0.7	1.2 -	6.3	1.67	0.19 -	8.88	1192.	53.	4.
921	0000	-939	37.4524	81.1703		MBP	0.6	1.2 -	5.7	1.96	0.21	9.55	1103.	53.	4.
922	0000	-939	37.4529	81.1703		MBP	0.5 -	1.2 -	5.2	2.34	0.22	10.57	1043.	53.	5.
923	0000	-939	37.4534	81.1703		PPP	0.5 --	1.4	4.4 -	3.05 +	0.31	9.82 ++	977.	56.	5.
924	0000	-939	37.4539	81.1703		PPP	0.4 --	1.5	4.3 -	3.82 ++	0.35	10.96 ++	956.	54.	5.
925	0000	-939	37.4544	81.1703		PPP	0.4 --	1.5	4.3 -	3.74 ++	0.34	10.98 ++	950.	54.	5.
926	0000	-939	37.4549	81.1703		PPP	0.4 --	1.6	4.6 -	3.76 ++	0.34	10.91 ++	970.	54.	5.
927	0000	-940	37.4554	81.1703		PPP	0.4 --	1.6	4.8 -	4.27 ++	0.34	12.43 +++	989.	52.	5.
928	0000	-939	37.4559	81.1703		PPP	0.4 --	1.7	4.6 -	4.47 ++	0.38 +	11.80 +++	1001.	52.	5.
929	0000	-939	37.4563	81.1703		PPP	0.4 --	1.8	4.8 -	4.56 ++	0.39 +	11.85 +++	1018.	53.	6.
930	0000	-939	37.4568	81.1703		PPP	0.4 --	1.9	5.0	4.62 ++	0.37 +	12.36 +++	1061.	53.	5.
931	0000	-938	37.4573	81.1703		PPP	0.4 --	2.1	5.0	4.96 +++	0.42 +	11.82 +++	1090.	54.	4.
932	0000	-938	37.4578	81.1703		PPP	0.4 --	2.4 +	5.1	5.93 +++	0.47 ++	12.50 +++	1132.	53.	3.
933	0000	-939	37.4583	81.1703		PPP	0.4 --	2.5 +	5.6	6.20 +++	0.44 +	14.14 +++	1156.	52.	3.
934	0000	-938	37.4588	81.1704		PPP	0.5 --	2.7 +	5.5	5.91 +++	0.49 ++	12.07 +++	1201.	56.	2.
935	0000	-937	37.4594	81.1705		PPP	0.5 -	2.7 +	6.0	5.48 +++	0.46 +	11.98 +++	1244.	55.	1.
936	0000	-937	37.4599	81.1705		PPP	0.5 -	2.9 +	5.9	5.82 +++	0.49 ++	11.97 +++	1278.	54.	0.
937	0000	-938	37.4604	81.1705		PPP	0.5 -	2.9 ++	5.9	5.83 +++	0.49 ++	11.90 +++	1298.	53.	0.
938	0000	-938	37.4610	81.1707		PPP	0.5 -	2.8 +	6.2	5.39 +++	0.46 +	11.78 +++	1315.	53.	1.
939	0000	-938	37.4615	81.1707		PPP	0.6 -	2.7 +	6.0	4.48 ++	0.44 +	10.13 ++	1327.	53.	1.
940	0000	-937	37.4620	81.1707		PPP	0.6 -	2.5 +	5.5	3.85 ++	0.45 +	8.61 +	1346.	54.	3.
941	0000	-937	37.4625	81.1707		PPP	0.7 -	2.2	6.2	3.28 +	0.35	9.33 +	1361.	53.	4.
942	0000	-936	37.4631	81.1709		PPP	0.7 -	2.1	6.5	3.17 +	0.32	9.77 ++	1399.	53.	5.
943	0000	-935	37.4636	81.1709		PPP	0.7	1.7	6.8	2.29	0.25	9.09 +	1408.	53.	7.
944	0000	-935	37.4641	81.1709		PPP	0.8	1.5	6.9	1.88	0.22 -	8.76 +	1423.	54.	8.
945	0000	-935	37.4647	81.1710		MBP	0.9	1.4	7.0	1.67	0.20	8.26	1462.	53.	9.
946	0000	-935	37.4652	81.1711		MBP	0.9	1.5	7.2	1.77	0.21	8.42	1492.	52.	9.
947	0000	-934	37.4657	81.1711		MBP	0.8	1.6	7.7 +	2.01	0.21	9.42	1502.	54.	8.
948	0000	-934	37.4663	81.1711		MBP	0.8	1.8	7.4	2.22	0.25	8.92	1526.	53.	7.
949	0000	-933	37.4668	81.1712		MBP	0.9	1.8	7.4	2.05	0.25	8.32	1537.	55.	6.
950	0000	-932	37.4673	81.1713		MBP	0.9	2.0	7.4	2.25	0.27	8.23	1555.	55.	4.
951	0000	-932	37.4679	81.1713		MBP	0.9	2.0	7.5 +	2.19	0.26	8.30	1544.	54.	3.
952	0000	-931	37.4684	81.1714		MBP	0.9	2.0	7.4	2.29	0.28	8.30	1523.	53.	2.
953	0000	-930	37.4689	81.1714		MBP	0.9	1.9	7.5 +	2.19	0.25	8.70	1503.	56.	1.
954	0000	-930	37.4695	81.1714		MBP	0.9	1.9	7.4	2.20	0.26	8.41	1497.	54.	1.
955	0000	-931	37.4700	81.1715		MBP	0.9	1.9	7.7 +	2.14	0.25	8.70	1487.	55.	1.
956	0000	-930	37.4705	81.1716		MBP	0.9	1.8	7.5 +	2.10	0.24	8.75	1465.	55.	2.
957	0000	-930	37.4710	81.1716		MBP	0.8	1.7	7.6 +	1.98	0.22	8.92	1442.	55.	3.
958	0000	-930	37.4716	81.1717		MBP	0.8	1.6	7.5 +	1.99	0.22	9.00	1426.	55.	4.
959	0000	-929	37.4721	81.1717		MBP	0.8	1.5	7.7 +	1.86	0.20 -	9.29	1409.	57.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
960	0000	-927	37.4726	81.1718		MBP	0.8	1.6	7.6 +	1.98	0.21	9.37	1388.	57.	6.
961	0000	-926	37.4732	81.1718		MBP	0.8	1.5	7.5 +	1.90	0.20 -	9.53	1356.	56.	6.
962	0000	-926	37.4737	81.1719		MBP	0.7	1.4	7.3	1.93	0.19 -	9.96	1313.	56.	6.
963	0000	-925	37.4742	81.1720		MBP	0.7	1.5	7.2	2.14	0.21	10.37	1295.	56.	6.
964	0000	-925	37.4747	81.1720		MBP	0.7	1.7	7.2	2.46	0.24	10.43	1314.	55.	6.
965	0000	-924	37.4753	81.1720		PPP	0.7	1.7	7.3	2.45	0.24	10.32 ++	1346.	55.	6.
966	0000	-924	37.4759	81.1721		PPP	0.7	1.7	7.4	2.40	0.24	10.19 ++	1353.	54.	5.
967	0000	-923	37.4764	81.1722		PPP	0.8	1.7	7.3	2.25	0.23	9.59 ++	1381.	53.	5.
968	0000	-923	37.4769	81.1722		PPP	0.8	1.5	7.3	1.76	0.20 -	8.64 +	1400.	54.	6.
969	0000	-923	37.4774	81.1722		PPP	0.9	1.5	6.9	1.69	0.22	7.64	1422.	54.	7.
970	0000	-923	37.4780	81.1723		PPP	0.9	1.4	6.9	1.51	0.20 -	7.63	1405.	55.	7.
971	0000	-922	37.4785	81.1724		PPP	0.9	1.2 -	6.8	1.38	0.18 -	7.64	1392.	55.	7.
972	0000	-921	37.4790	81.1724		MBP	0.9	1.2 -	7.0	1.24 -	0.16 -	7.53	1404.	57.	8.
973	0000	-922	37.4795	81.1724		MBP	0.9	1.3	6.6	1.43 -	0.19 -	7.34	1416.	58.	9.
974	0000	-920	37.4801	81.1725		MBP	0.9	1.3	6.6	1.49 -	0.20	7.29	1417.	60.	10.
975	0000	-920	37.4806	81.1725		MBP	0.9	1.5	6.6	1.66	0.22	7.58	1411.	61.	9.
976	0000	-919	37.4811	81.1726		MBP	0.8	1.6	6.6	1.91	0.24	7.92	1390.	62.	8.
977	0000	-918	37.4817	81.1727		MBP	0.8	1.7	6.4	1.97	0.26	7.63	1389.	61.	7.
978	0000	-918	37.4822	81.1728		MBP	0.8	1.7	6.2	2.01	0.27	7.50	1371.	61.	6.
979	0000	-917	37.4827	81.1728		PPP	0.8	1.9	6.0	2.45	0.31	7.88	1343.	61.	5.
980	0000	-918	37.4832	81.1728		PPP	0.8	1.7	6.1	2.14	0.28	7.58	1312.	60.	3.
981	0000	-917	37.4838	81.1729		PPP	0.8	1.7	6.0	2.07	0.27	7.56	1284.	59.	2.
982	0000	-915	37.4843	81.1729		PPP	0.8	1.8	5.8	2.38	0.32	7.46	1267.	57.	1.
983	0000	-914	37.4848	81.1730		PPP	0.8	1.7	5.7	2.23	0.29	7.60	1246.	57.	1.
984	0000	-914	37.4854	81.1730		MBP	0.7	1.7	5.8	2.37	0.29	8.11	1223.	56.	0.
985	0000	-912	37.4859	81.1731		MBP	0.7	1.6	6.0	2.20	0.27	8.04	1221.	57.	0.
986	0000	-911	37.4865	81.1731		MBP	0.8	1.7	5.8	2.13	0.29	7.35	1224.	56.	0.
987	0000	-911	37.4870	81.1732		MBP	0.8	1.7	5.8	2.19	0.29	7.60	1234.	56.	1.
988	0000	-911	37.4875	81.1733		MBP	0.8	1.5	6.0	1.84	0.24	7.54	1247.	55.	2.
989	0000	-910	37.4880	81.1733		MBP	0.8	1.2	6.1	1.48 -	0.20	7.39	1261.	56.	3.
990	0000	-908	37.4886	81.1733		MBP	0.9	1.2 -	6.7	1.31 -	0.18 -	7.43	1317.	56.	4.
991	0000	-908	37.4891	81.1734		MBP	1.0 +	1.2 -	6.3	1.17 -	0.17 -	6.88 -	1387.	54.	4.
992	0000	-908	37.4896	81.1734		MBP	1.0 +	1.1 -	6.9	1.06 --	0.16 -	6.68 -	1408.	53.	5.
993	0000	-907	37.4901	81.1735		MBP	1.0 +	1.0 -	6.8	0.98 --	0.14 --	6.93	1393.	54.	6.
994	0000	-906	37.4907	81.1736		MBP	1.0	1.1 -	6.9	1.17 -	0.16 -	7.21	1400.	54.	6.
995	0000	-905	37.4912	81.1737		MBP	1.0	1.5	6.7	1.52 -	0.22	7.07	1404.	55.	5.
996	0000	-904	37.4917	81.1737		MBP	1.0	1.6	6.5	1.62	0.24	6.73 -	1423.	54.	4.
997	0000	-903	37.4923	81.1737		MBP	0.9	1.8	5.8	1.98	0.31	6.42 -	1398.	55.	4.
998	0000	-903	37.4928	81.1738		MBP	0.8	1.9	5.3	2.27	0.36 +	6.30 -	1347.	58.	4.
999	0000	-902	37.4933	81.1738		MBP	0.8	2.0	5.1	2.49	0.39 +	6.34 -	1328.	58.	4.
1000	0000	-901	37.4939	81.1739		MBP	0.8	2.0	5.1	2.36	0.39 +	6.05 -	1329.	59.	4.
1001	0000	-899	37.4944	81.1739		MBP	0.9	1.9	5.0	2.25	0.39 +	5.79 -	1321.	58.	4.
1002	0000	-899	37.4950	81.1740		MBP	0.9	1.6	5.1	1.83	0.31	5.98 -	1327.	57.	5.
1003	0000	-899	37.4955	81.1740		MBP	0.8	1.6	5.5	1.95	0.30	6.59 -	1340.	58.	5.
1004	0000	-898	37.4960	81.1741		MBP	0.9	1.5	5.5	1.76	0.28	6.29 -	1346.	58.	5.
1005	0000	-896	37.4965	81.1741		MBP	0.9	1.4	6.0	1.55 -	0.23	6.67 -	1376.	57.	6.
1006	0000	-897	37.4971	81.1741		MBP	0.9	1.5	6.0	1.69	0.26	6.55 -	1412.	56.	6.
1007	0000	-896	37.4976	81.1742		MBP	1.0	1.6	6.2	1.65	0.26	6.41 -	1457.	55.	6.
1008	0000	-895	37.4981	81.1743		MBP	1.0 +	1.7	6.4	1.64	0.27	6.11 -	1514.	53.	6.
1009	0000	-894	37.4986	81.1743		MBP	1.1 +	1.9	6.4	1.76	0.30	5.85 -	1559.	54.	6.
1010	0000	-894	37.4992	81.1743		MBP	1.1 +	1.9	6.5	1.71	0.30	5.75 -	1585.	53.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1011	0000	-893	37.4997	81.1745		MBP	1.2 +	2.0	6.7	1.72	0.30	5.77 -	1605.	50.	5.
1012	0000	-892	37.5002	81.1745		MBP	1.2 +	2.1	6.7	1.74	0.31	5.65 -	1607.	48.	4.
1013	0000	-893	37.5008	81.1745		MBP	1.2 +	2.1 +	6.9	1.82	0.31	5.89 -	1602.	48.	3.
1014	0000	-893	37.5013	81.1746		MBP	1.1 +	2.1	7.0	1.92	0.30	6.29 -	1568.	48.	2.
1015	0000	-892	37.5018	81.1747		MBP	1.1 +	2.1	6.8	1.98	0.31	6.36 -	1543.	49.	2.
1016	0000	-891	37.5024	81.1747		MBP	1.0 +	2.1	6.9	2.01	0.31	6.60 -	1496.	50.	1.
1017	0000	-892	37.5029	81.1747		MBP	1.0 +	2.2 +	6.8	2.09	0.32	6.57 -	1461.	50.	0.
1018	0000	-891	37.5034	81.1748		MBP	1.0 +	2.0	6.9	2.05	0.29	6.99	1435.	52.	0.
1019	0000	-889	37.5040	81.1749		MBP	1.0 +	2.0	7.2	2.07	0.28	7.31	1417.	53.	0.
1020	0000	-889	37.5045	81.1749		MBP	0.9	1.9	7.0	2.04	0.28	7.43	1391.	55.	0.
1021	0000	-887	37.5050	81.1750		MBP	1.0	2.0	6.8	2.08	0.29	7.13	1378.	57.	0.
1022	0000	-887	37.5055	81.1750		MBP	0.9	1.9	6.6	2.12	0.29	7.25	1341.	57.	0.
1023	0000	-886	37.5061	81.1751		MBP	0.8	1.9	6.1	2.30	0.32	7.23	1310.	57.	0.
1024	0000	-885	37.5066	81.1751		MBP	0.8	1.8	5.9	2.21	0.31	7.17	1270.	59.	1.
1025	0000	-884	37.5071	81.1752		MBP	0.8	1.9	5.4	2.44	0.35	6.97	1243.	58.	2.
1026	0000	-884	37.5077	81.1752		MBP	0.7	1.9	4.9	2.70	0.40 +	6.81 -	1208.	58.	3.
1027	0000	-883	37.5082	81.1752		MBP	0.7	1.9	4.5 -	2.65	0.43 +	6.14 -	1175.	56.	4.
1028	0000	-884	37.5087	81.1754		MBP	0.7	1.8	4.6 -	2.62	0.40 +	6.63 -	1171.	52.	5.
1029	0000	-883	37.5092	81.1754		MBP	0.7	1.6	5.0	2.39	0.33	7.18	1164.	54.	7.
1030	0000	-882	37.5098	81.1755		MBP	0.7	1.5	5.2	2.10	0.29	7.28	1190.	55.	8.
1031	0000	-882	37.5103	81.1755		MBP	0.7	1.3	5.8	1.77	0.22	8.05	1251.	53.	9.
1032	0000	-881	37.5108	81.1756		MBP	0.8	1.1 -	6.5	1.31 -	0.17 -	7.90	1331.	52.	10.
1033	0000	-881	37.5114	81.1756		MBP	0.9	0.9 -	6.6	1.05 --	0.14 --	7.39	1385.	52.	12.
1034	0000	-880	37.5119	81.1756		MBP	0.9	0.8 -	7.0	0.87 --	0.11 --	7.60	1424.	55.	12.
1035	0000	-879	37.5125	81.1757		MBP	0.9	0.8 -	7.0	0.79 --	0.11 ---	7.37	1441.	56.	12.
1036	0000	-878	37.5130	81.1758		MBP	1.0 +	0.8 -	6.9	0.77 --	0.11 ---	7.02	1469.	54.	12.
1037	0000	-877	37.5135	81.1758		MBP	1.0 +	1.0 -	6.9	0.99 --	0.14 --	6.97	1492.	51.	11.
1038	0000	-876	37.5140	81.1758		MBP	1.0 +	1.3	6.6	1.29 -	0.20 -	6.53 -	1488.	52.	10.
1039	0000	-876	37.5146	81.1759		MBP	1.0 +	1.4	6.5	1.41 -	0.22	6.50 -	1489.	54.	9.
1040	0000	-876	37.5151	81.1760		MBP	1.0 +	1.7	6.5	1.63	0.25	6.44 -	1505.	57.	7.
1041	0000	-875	37.5156	81.1760		MBP	1.0 +	1.9	6.6	1.89	0.29	6.55 -	1541.	57.	6.
1042	0000	-876	37.5161	81.1760		MBP	1.1 +	2.0	6.4	1.91	0.31	6.08 -	1554.	59.	6.
1043	0000	-874	37.5167	81.1762		MBP	1.0 +	2.0	6.4	1.95	0.31	6.32 -	1548.	61.	6.
1044	0000	-873	37.5172	81.1762		MBP	1.0 +	2.0	6.5	2.02	0.31	6.62 -	1542.	60.	6.
1045	0000	-873	37.5177	81.1762		MBP	1.0 +	2.0	6.6	2.01	0.30	6.62 -	1546.	59.	6.
1046	0000	-873	37.5183	81.1763		MBP	0.9	2.0	6.7	2.14	0.30	7.15	1514.	59.	6.
1047	0000	-872	37.5188	81.1764		MBP	0.9	2.0	6.7	2.25	0.30	7.48	1515.	54.	7.
1048	0000	-871	37.5193	81.1764		MBP	0.9	1.9	6.8	2.04	0.27	7.43	1495.	54.	7.
1049	0000	-870	37.5199	81.1764		MBP	0.9	1.8	6.9	2.11	0.27	7.84	1489.	53.	8.
1050	0000	-870	37.5204	81.1765		MBP	0.9	1.9	7.1	2.07	0.26	7.97	1520.	52.	9.
1051	0000	-868	37.5210	81.1765		MBP	0.9	1.7	7.1	1.87	0.24	7.66	1539.	54.	10.
1052	0000	-868	37.5215	81.1766		MBP	1.0	1.7	7.4	1.78	0.23	7.70	1559.	53.	10.
1053	0000	-869	37.5220	81.1767		MBP	1.0 +	1.7	7.2	1.69	0.24	7.19	1600.	56.	11.
1054	0000	-868	37.5225	81.1767		MBP	1.1 +	1.6	7.4	1.52 -	0.22	6.97	1628.	57.	11.
1055	0000	-867	37.5231	81.1767		MBP	1.1 +	1.7	7.4	1.60	0.23	6.95	1643.	58.	10.
1056	0000	-865	37.5236	81.1768		MBP	1.1 +	1.8	7.8 +	1.67	0.23	7.24	1655.	58.	8.
1057	0000	-865	37.5241	81.1769		MBP	1.1 +	1.8	7.5 +	1.70	0.24	7.08	1601.	59.	7.
1058	0000	-865	37.5246	81.1769		MBP	1.0 +	1.8	7.0	1.86	0.26	7.08	1523.	57.	5.
1059	0000	-864	37.5252	81.1769		MBP	0.9	1.9	6.3	2.11	0.30	6.93	1425.	59.	4.
1060	0000	-864	37.5257	81.1770		MBP	0.8	1.8	5.9	2.18	0.30	7.16	1332.	59.	4.
1061	0000	-864	37.5262	81.1771		MBP	0.7	1.8	5.4	2.41	0.33	7.23	1242.	61.	3.

FLIGHT LINE 860, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1062	0000	-864	37.5268	81.1771		MBP	0.7	1.6	5.0	2.17	0.31	6.90	1179.	60.	4.
1063	0000	-863	37.5273	81.1772		MBP	0.7	1.4	4.5 -	2.14	0.32	6.71 -	1127.	61.	4.
1064	0000	-863	37.5278	81.1772		MBP	0.7	1.5	4.5 -	2.26	0.33	6.84 -	1118.	59.	4.
1065	0000	-863	37.5284	81.1772		MBP	0.7	1.5	4.7 -	2.24	0.33	6.87 -	1133.	60.	4.
1066	0000	-863	37.5289	81.1773		MBP	0.7	1.5	4.8 -	2.21	0.32	6.84 -	1151.	61.	4.
1067	0000	-862	37.5295	81.1774		PPP	0.7	1.7	5.1	2.32	0.33	7.10	1175.	58.	3.
1068	0000	-863	37.5300	81.1775		PPP	0.7	1.7	5.2	2.30	0.32	7.18	1181.	57.	3.
1069	0000	-862	37.5305	81.1775		PPP	0.7	2.0	5.5	2.87 +	0.36 +	7.87	1223.	56.	2.
1070	0000	-862	37.5310	81.1775		PPP	0.7	2.1	5.6	2.97 +	0.37 +	7.92 +	1269.	56.	2.
1071	0000	-863	37.5316	81.1776		PPP	0.7	2.0	5.9	2.71 +	0.34	7.99 +	1285.	57.	3.
1072	0000	-863	37.5321	81.1776		PPP	0.8	2.0	5.8	2.56 +	0.34	7.49	1292.	58.	4.
1073	0000	-861	37.5326	81.1777		PPP	0.8	1.8	5.9	2.41	0.31	7.68	1290.	57.	5.
1074	0000	-860	37.5331	81.1777		PPP	0.8	1.7	5.5	2.20	0.31	7.04	1260.	59.	7.
1075	0000	-860	37.5337	81.1779		PPP	0.8	1.6	5.5	2.09	0.29	7.18	1245.	58.	8.
1076	0000	-860	37.5342	81.1779		PPP	0.7	1.4	5.3	1.86	0.26	7.26	1205.	59.	9.
1077	0000	-860	37.5347	81.1779		PPP	0.7	1.1 -	5.4	1.56	0.20 -	7.69	1150.	58.	10.
1078	0000	-858	37.5353	81.1780		PPP	0.7	1.2 -	4.9 -	1.74	0.24	7.12	1129.	58.	10.
1079	0000	-858	37.5358	81.1780		PPP	0.6 -	1.1 -	5.1	1.74	0.21 -	8.34 +	1108.	57.	9.
1080	0000	-858	37.5363	81.1781		PPP	0.6 -	1.3 -	4.9 -	2.20	0.26	8.50 +	1103.	54.	8.
1081	0000	-858	37.5368	81.1781		PPP	0.6 -	1.4	5.3	2.50 +	0.27	9.34 +	1113.	52.	6.
1082	0000	-859	37.5374	81.1782		PPP	0.6 -	1.5	5.1	2.76 +	0.30	9.16 +	1121.	53.	5.
1083	0000	-858	37.5380	81.1782		MBP	0.5	1.6	5.3	3.04	0.31	9.75	1111.	53.	4.
1084	0000	-858	37.5385	81.1783		MBP	0.6	1.7	5.1	3.00	0.33	8.98	1116.	51.	3.
1085	0000	-858	37.5390	81.1784		MBP	0.6	1.7	5.5	3.03	0.31	9.76	1131.	50.	2.
1086	0000	-858	37.5395	81.1784		MBP	0.6	1.7	5.7	2.80	0.29	9.62	1159.	50.	2.
1087	0000	-856	37.5401	81.1784		PPP	0.7	1.5	6.3	2.27	0.24	9.37 +	1204.	52.	2.
1088	0000	-856	37.5406	81.1785		PPP	0.7	1.4	6.4	2.01	0.22	9.20 +	1233.	55.	2.
1089	0000	-856	37.5411	81.1786		PPP	0.8	1.3 -	6.7	1.66	0.19 -	8.77 +	1263.	56.	2.
1090	0000	-856	37.5416	81.1786		PPP	0.8	1.3 -	6.7	1.58	0.19 -	8.41 +	1292.	55.	3.
1091	0000	-855	37.5422	81.1786		PPP	0.8	1.4	6.7	1.73	0.21 -	8.15 +	1322.	55.	4.
1092	0000	-853	37.5427	81.1787		PPP	0.8	1.4	6.5	1.69	0.21 -	8.01 +	1339.	56.	5.
1093	0000	-853	37.5432	81.1787		PPP	0.8	1.5	6.4	1.77	0.23	7.56	1352.	57.	6.
1094	0000	-853	37.5437	81.1788		PPP	0.9	1.3 -	6.3	1.46	0.20 -	7.15	1344.	59.	7.
1095	0000	-854	37.5443	81.1788		PPP	0.9	1.4	6.1	1.58	0.23	6.74	1360.	57.	8.
1096	0000	-854	37.5448	81.1789		PPP	0.8	1.5	6.1	1.87	0.25	7.53	1361.	56.	9.
1097	0000	-854	37.5453	81.1789		PPP	0.8	1.2 -	6.3	1.44	0.19 -	7.45	1349.	57.	10.
1098	0000	-853	37.5459	81.1790		PPP	0.8	1.1 -	6.4	1.39	0.17 -	8.19 +	1308.	58.	10.
1099	0000	-852	37.5465	81.1791		PPP	0.8	1.0 -	5.9	1.31 -	0.17 --	7.82	1237.	59.	12.
1100	0000	-851	37.5470	81.1791		PPP	0.7	1.0 -	5.3	1.46	0.18 -	7.91 +	1167.	62.	12.
1101	0000	-852	37.5475	81.1792		PPP	0.6 -	1.0 -	5.1	1.79	0.21 -	8.69 +	1108.	61.	12.
1102	0000	-853	37.5480	81.1792		PPP	0.5 -	0.9 -	4.6 -	1.76	0.20 -	8.92 +	1027.	65.	12.
1103	0000	-853	37.5485	81.1792		PPNR	0.5 -	0.8 -	4.4 -	1.50	0.17 -	8.62 +	960.	66.	11.
1104	0000	-855	37.5490	81.1793		PPNR	0.4 -	1.1 -	4.0 -	2.58 +	0.29	8.93 +	914.	67.	10.
1105	0000	-855	37.5495	81.1793		PPNR	0.4 -	1.2	3.4 -	2.76 +	0.35	7.80	879.	69.	9.
1106	0000	-856	37.5500	81.1793		PPNR	0.4 -	1.3	3.5 -	3.06 +	0.38 +	8.12 +	873.	66.	8.
1107	0000	-856	37.5505	81.1794		PPNR	0.4 -	1.2 -	3.9 -	2.75 +	0.30	9.16 +	863.	63.	8.
1108	0000	-855	37.5510	81.1794		PPNR	0.4 -	1.3	3.6 -	3.32 +	0.37 +	8.86 +	858.	62.	8.
1109	0000	-855	37.5515	81.1794		PPNR	0.4 -	1.3	3.7 -	3.29 +	0.36	9.24 +	865.	60.	8.
1110	0000	-855	37.5521	81.1794		PPNR	0.4 -	1.3	3.5 -	2.96 +	0.38 +	7.78	883.	60.	9.
1111	0000	-855	37.5525	81.1794		PPNR	0.5 -	1.2	3.3 -	2.52	0.37	6.79	913.	59.	10.
1112	0000	-856	37.5531	81.1794		PPP	0.5 -	1.2 -	3.4 --	2.28	0.34	6.67	942.	59.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1113	0000	-855	37.5536	81.1796	PPP	0.6 -	1.1 -	3.2 --	1.87	0.33	5.59	968.	60.	11.
1114	0000	-855	37.5541	81.1796	PPP	0.6 -	1.2 -	3.0 --	1.79	0.39 +	4.58 -	996.	61.	10.
1115	0000	-854	37.5546	81.1796	PPP	0.6 -	1.1 -	3.3 --	1.70	0.32	5.29 -	1009.	61.	9.
1116	0000	-855	37.5551	81.1796	PPP	0.6 -	1.2 -	3.2 --	1.91	0.38 +	4.99 -	1025.	60.	10.
1117	0000	-854	37.5556	81.1796	PPP	0.6 -	1.3 -	3.3 --	2.20	0.39 +	5.69	1035.	58.	9.
1118	0000	-852	37.5561	81.1796	PPNR	0.6 -	1.2	3.6 -	2.09	0.32	6.45	1028.	57.	9.
1119	0000	-851	37.5565	81.1797	PPNR	0.6 -	1.2	4.1 -	2.17	0.30	7.23	1024.	56.	9.
1120	0000	-851	37.5571	81.1797	PPNR	0.6 -	1.3	4.4 -	2.31	0.29	8.00 +	1027.	55.	9.
1121	0000	-851	37.5576	81.1797	PPNR	0.5 -	1.2	4.5 -	2.44	0.27	8.90 +	1015.	56.	10.
1122	0000	-851	37.5581	81.1798	PPNR	0.5 -	1.1 -	4.0 -	2.08	0.28	7.39	994.	57.	11.
1123	0000	-851	37.5585	81.1798	PPNR	0.5 -	1.0 -	4.0 -	1.79	0.24	7.36	963.	58.	10.
1124	0000	-851	37.5591	81.1798	PPNR	0.6 -	1.1 -	3.9 -	2.03	0.28	7.13	934.	60.	9.
1125	0000	-851	37.5596	81.1798	PPNR	0.5 -	1.2	3.7 -	2.14	0.31	6.82	927.	59.	9.
1126	0000	-851	37.5601	81.1798	PPNR	0.6 -	1.1 -	3.7 -	1.89	0.29	6.53	949.	60.	9.
1127	0000	-851	37.5606	81.1798	PPNR	0.5 -	1.4	4.0 -	2.55	0.33	7.66	988.	59.	8.
1128	0000	-852	37.5611	81.1799	PPNR	0.6 -	1.5	4.1 -	2.56 +	0.36	7.19	1034.	58.	8.
1129	0000	-851	37.5616	81.1799	PPNR	0.6 -	1.4	5.0	2.54	0.29	8.75 +	1078.	58.	7.
1130	0000	-851	37.5621	81.1799	PPNR	0.6 -	1.6	5.4	2.64 +	0.29	9.13 +	1115.	60.	7.
1131	0000	-850	37.5626	81.1800	PPNR	0.6 -	1.5	5.5	2.53	0.27	9.33 +	1135.	60.	8.
1132	0000	-850	37.5631	81.1800	PPP	0.6 -	1.4	5.7	2.36	0.25	9.31 +	1136.	62.	8.
1133	0000	-848	37.5636	81.1800	PPP	0.6 -	1.5	5.5	2.54 +	0.27	9.31 +	1110.	62.	8.
1134	0000	-848	37.5641	81.1801	PPP	0.6 -	1.2 -	5.0	2.00	0.24	8.19 +	1056.	61.	8.
1135	0000	-850	37.5646	81.1801	PPP	0.5 -	1.1 -	4.8 -	2.13	0.24	8.97 +	984.	61.	9.
1136	0000	-849	37.5651	81.1801	PPNR	0.5 -	1.3	3.9 -	2.63 +	0.34	7.77	934.	61.	8.
1137	0000	-848	37.5656	81.1802	PPNR	0.4 -	1.4	3.6 -	3.24 +	0.40 +	8.04 +	896.	59.	7.
1138	0000	-848	37.5661	81.1802	PPNR	0.5 -	1.4	3.4 -	2.96 +	0.40 +	7.45	878.	60.	5.
1139	0000	-849	37.5666	81.1802	PPNR	0.4 -	1.4	3.1 --	3.21 +	0.46 +	7.00	878.	61.	5.
1140	0000	-848	37.5671	81.1802	PPNR	0.4 -	1.5	3.0 --	4.07 ++	0.52 ++	7.80	869.	62.	5.
1141	0000	-848	37.5676	81.1802	PPNR	0.4 -	1.6	3.3 -	4.30 ++	0.47 +	9.09 +	871.	65.	3.
1142	0000	-848	37.5681	81.1802	PPNR	0.4 -	1.5	3.6 -	3.73 ++	0.43 +	8.66 +	897.	64.	3.
1143	0000	-849	37.5686	81.1803	PPNR	0.4 -	1.5	3.6 -	3.52 +	0.42 +	8.32 +	908.	64.	3.
1144	0000	-848	37.5691	81.1803	PPNR	0.4 -	1.3	3.8 -	2.90 +	0.34	8.54 +	927.	63.	4.
1145	0000	-849	37.5696	81.1803	PPNR	0.4 -	1.2	3.8 -	2.91 +	0.33	8.83 +	917.	62.	5.
1146	0000	-848	37.5701	81.1803	PPNR	0.4 -	1.2 -	3.7 -	2.94 +	0.31	9.46 +	899.	61.	6.
1147	0000	-848	37.5706	81.1804	PPNR	0.4 -	1.1 -	3.8 -	2.66 +	0.29	9.03 +	898.	59.	7.
1148	0000	-849	37.5711	81.1804	PPNR	0.4 -	1.1 -	3.6 -	2.73 +	0.31	8.87 +	908.	57.	7.
1149	0000	-848	37.5716	81.1804	PPNR	0.4 -	1.3	3.5 -	3.37 +	0.38 +	8.87 +	911.	56.	7.
1150	0000	-848	37.5721	81.1804	PPNR	0.4 -	1.2	3.8 -	3.05 +	0.32	9.45 +	937.	56.	8.
1151	0000	-849	37.5726	81.1804	PPNR	0.5 -	1.4	3.9 -	3.14 +	0.37	8.58 +	981.	54.	8.
1152	0000	-848	37.5731	81.1804	PPNR	0.5 -	1.4	4.5 -	2.65 +	0.32	8.20 +	1068.	55.	7.
1153	0000	-847	37.5737	81.1805	PPNR	0.7	1.5	5.3	2.33	0.29	7.97 +	1194.	53.	6.
1154	0000	-846	37.5741	81.1805	PPNR	0.8	1.6	5.9	1.99	0.26	7.55	1324.	54.	5.
1155	0000	-848	37.5746	81.1805	PPNR	0.9	1.5	6.2	1.66	0.24	6.88	1440.	57.	5.
1156	0000	-848	37.5751	81.1806	PPNR	1.0	1.3	7.0	1.27 -	0.19 -	6.73	1538.	61.	5.
1157	0000	-848	37.5757	81.1806	PPNR	1.1	1.4	7.2	1.25 -	0.20 -	6.36	1629.	61.	4.
1158	0000	-847	37.5761	81.1806	PPNR	1.2	1.4	7.7 +	1.12 -	0.18 -	6.35	1684.	63.	4.
1159	0000	-847	37.5766	81.1806	PPNR	1.2	1.6	8.2 +	1.34	0.19 -	7.02	1717.	60.	4.
1160	0000	-847	37.5772	81.1806	PPNR	1.2	1.7	7.8 +	1.41	0.21 -	6.64	1708.	62.	4.
1161	0000	-847	37.5777	81.1806	PPNR	1.2	1.9	7.5 +	1.60	0.25	6.40	1693.	63.	5.
1162	0000	-847	37.5781	81.1807	PPNR	1.1	2.1	8.0 +	1.84	0.26	7.14	1663.	61.	4.
1163	0000	-847	37.5786	81.1807	PPNR	1.0	2.0	8.0 +	1.92	0.25	7.69	1639.	61.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1164	0000	-846	37.5792	81.1807	PPNR	1.0	2.1	7.9 +	2.15	0.27	8.07 +	1590.	62.	5.
1165	0000	-847	37.5797	81.1808	PPNR	1.0	2.2	7.4 +	2.26	0.29	7.79	1540.	60.	5.
1166	0000	-847	37.5802	81.1808	PPNR	1.0	1.8	6.8	1.87	0.27	7.03	1478.	62.	7.
1167	0000	-848	37.5807	81.1808	PPNR	0.9	1.6	6.8	1.79	0.23	7.65	1409.	59.	7.
1168	0000	-848	37.5812	81.1809	PPNR	0.8	1.3	6.5	1.51	0.19 -	7.81	1333.	58.	9.
1169	0000	-847	37.5817	81.1809	PPNR	0.8	1.1 -	5.6	1.32 -	0.19 -	6.87	1256.	58.	11.
1170	0000	-849	37.5822	81.1809	PPNR	0.7	1.1 -	4.7	1.41	0.22	6.32	1169.	58.	12.
1171	0000	-849	37.5827	81.1810	PPNR	0.7	0.7 -	4.3 -	0.96 -	0.16 --	6.12	1070.	58.	15.
1172	0000	-848	37.5832	81.1810	PPNR	0.6 -	0.4 --	4.0 -	0.71 --	0.11 ---	6.64	994.	59.	16.
1173	0010	-849	37.5836	81.1810	PPNR	0.6 -	0.3 N.A.	3.6 -	0.55 N.A.	0.08 N.A.	6.52	929.	61.	18.
1174	0010	-849	37.5842	81.1810	PPNR	0.5 -	0.2 N.A.	2.9 --	0.39 N.A.	0.07 N.A.	5.44	875.	66.	20.
1175	0010	-849	37.5847	81.1810	PPNR	0.5 -	0.1 N.A.	2.9 --	0.19 N.A.	0.03 N.A.	5.54	857.	66.	20.
1176	0010	-850	37.5852	81.1810	PPNR	0.5 -	0.2 N.A.	3.1 --	0.36 N.A.	0.06 N.A.	5.91	884.	65.	19.
1177	0000	-849	37.5857	81.1811	PPNR	0.6 -	0.5 --	3.2 -	0.77 --	0.14 --	5.45	943.	64.	18.
1178	0000	-849	37.5862	81.1811	PPNR	0.7	0.8 -	3.6 -	1.10 -	0.21 -	5.34 -	1045.	62.	15.
1179	0000	-849	37.5867	81.1811	PPNR	0.7	1.1 -	3.9 -	1.56	0.29	5.43	1141.	62.	12.
1180	0000	-849	37.5872	81.1812	PPNR	0.8	1.5	4.6	1.86	0.32	5.78	1248.	61.	10.
1181	0000	-848	37.5877	81.1812	PPNR	0.9	1.8	5.2	2.03	0.35	5.81	1355.	57.	7.
1182	0000	-849	37.5882	81.1812	PPNR	0.9	2.2	5.6	2.31	0.39 +	5.96	1434.	57.	6.
1183	0000	-848	37.5887	81.1812	PPNR	1.0	2.6 +	5.7	2.70 +	0.47 +	5.77	1496.	56.	4.
1184	0000	-847	37.5892	81.1812	PPNR	1.0	2.8 +	5.7	2.85 +	0.48 +	5.92	1522.	57.	4.
1185	0000	-847	37.5897	81.1812	PPNR	0.9	2.8 +	6.0	2.97 +	0.47 +	6.32	1537.	58.	4.
1186	0000	-847	37.5902	81.1812	PPNR	0.9	2.6 +	6.5	2.78 +	0.41 +	6.85	1543.	59.	5.
1187	0000	-846	37.5907	81.1814	PPNR	0.9	2.7 +	5.8	2.91 +	0.46 +	6.30	1518.	60.	6.
1188	0000	-846	37.5912	81.1814	PPNR	0.9	2.4 +	5.9	2.76 +	0.40 +	6.94	1464.	61.	7.
1189	0000	-847	37.5917	81.1814	PPNR	0.8	2.2	5.4	2.82 +	0.41 +	6.82	1381.	61.	6.
1190	0000	-846	37.5922	81.1814	PPNR	0.7	1.7	5.3	2.38	0.32	7.38	1278.	59.	7.
1191	0000	-845	37.5927	81.1814	PPNR	0.7	1.5	5.1	2.25	0.30	7.57	1185.	57.	8.
1192	0000	-846	37.5932	81.1814	PPNR	0.6	1.5	4.9	2.27	0.29	7.73	1118.	57.	8.
1193	0000	-846	37.5937	81.1815	PPNR	0.6	1.6	4.1 -	2.46	0.38 +	6.48	1058.	58.	7.
1194	0000	-847	37.5942	81.1815	PPNR	0.6 -	1.4	4.4 -	2.40	0.33	7.36	1031.	58.	6.
1195	0000	-846	37.5947	81.1815	PPNR	0.6	1.7	4.3 -	2.74 +	0.40 +	6.81	1043.	57.	4.
1196	0000	-845	37.5952	81.1816	PPNR	0.7	2.0	4.7	2.86 +	0.42 +	6.75	1119.	55.	3.
1197	0000	-845	37.5957	81.1816	PPNR	0.8	2.2	5.0	2.85 +	0.43 +	6.62	1213.	60.	2.
1198	0000	-846	37.5962	81.1816	PPNR	0.8	2.2	5.5	2.72 +	0.40 +	6.77	1323.	61.	2.
1199	0000	-846	37.5967	81.1816	PPNR	0.9	2.3 +	5.5	2.64 +	0.42 +	6.29	1411.	61.	2.
1200	0000	-847	37.5972	81.1816	PPNR	1.0	2.2	6.1	2.25	0.35	6.37	1495.	58.	4.
1201	0000	-846	37.5977	81.1816	PPNR	1.0	2.3 +	6.5	2.28	0.36	6.28	1594.	58.	5.
1202	0000	-845	37.5982	81.1817	PPNR	1.1	2.0	6.6	1.79	0.30	6.03	1675.	60.	8.
1203	0000	-845	37.5987	81.1817	PPNR	1.1	1.7	7.0	1.50	0.25	6.11	1736.	60.	11.
1204	0000	-844	37.5992	81.1817	PPNR	1.2	1.6	6.9	1.39	0.23	5.97	1753.	57.	13.
1205	0000	-844	37.5997	81.1818	PPNR	1.1	1.4	7.2	1.25 -	0.20 -	6.34	1743.	57.	15.
1206	0000	-843	37.6002	81.1818	PPNR	1.2	1.4	7.4 +	1.20 -	0.19 -	6.36	1739.	56.	14.
1207	0000	-843	37.6007	81.1818	PPNR	1.1	1.5	7.4	1.38	0.21 -	6.59	1733.	59.	14.
1208	0000	-843	37.6012	81.1819	PPNR	1.1	1.5	7.2	1.30 -	0.20 -	6.36	1722.	56.	14.
1209	0000	-843	37.6017	81.1819	PPNR	1.2	1.8	7.0	1.60	0.26	6.09	1734.	54.	12.
1210	0000	-843	37.6022	81.1819	PPNR	1.2	2.1	7.2	1.75	0.29	6.05	1741.	55.	11.
1211	0000	-843	37.6028	81.1820	PPNR	1.2	2.5 +	7.0	2.02	0.36	5.69	1755.	55.	9.
1212	0000	-842	37.6032	81.1820	PPNR	1.3 +	2.4 +	6.8	1.88	0.36	5.29 -	1783.	56.	8.
1213	0000	-842	37.6037	81.1820	PPNR	1.3 +	2.4 +	7.0	1.87	0.35	5.40 -	1814.	57.	8.
1214	0000	-841	37.6043	81.1820	PPNR	1.3 +	2.3 +	7.1	1.74	0.33	5.29 -	1832.	57.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1215	0000	-841	37.6048	81.1820	PPNR	1.4 +	2.1	6.9	1.54	0.30	5.06 -	1821.	59.	10.
1216	0000	-841	37.6052	81.1820	PPNR	1.3 +	2.2	6.9	1.73	0.32	5.40 -	1767.	59.	10.
1217	0000	-842	37.6057	81.1821	PPNR	1.2	2.1	6.8	1.75	0.31	5.70	1722.	59.	11.
1218	0000	-842	37.6062	81.1821	PPNR	1.2	1.6	7.3	1.32 -	0.21	6.18	1704.	61.	13.
1219	0000	-842	37.6068	81.1821	PPNR	1.2	1.7	6.9	1.40	0.24	5.85	1664.	59.	12.
1220	0000	-841	37.6072	81.1822	PPNR	1.1	1.6	6.5	1.39	0.24	5.81	1601.	58.	12.
1221	0000	-841	37.6077	81.1822	PPNR	1.1	1.6	6.6	1.48	0.24	6.12	1545.	56.	11.
1222	0000	-840	37.6082	81.1822	PPNR	1.0	1.7	6.7	1.73	0.25	6.85	1470.	56.	10.
1223	0000	-839	37.6088	81.1822	PPNR	1.0	1.3	7.0	1.39	0.19 -	7.41	1452.	55.	10.
1224	0000	-838	37.6092	81.1822	PPNR	1.0	1.4	6.9	1.41	0.20 -	7.00	1435.	54.	9.
1225	0000	-839	37.6097	81.1822	PPNR	1.0	1.6	6.6	1.65	0.24	6.97	1417.	53.	8.
1226	0000	-839	37.6103	81.1823	PPNR	1.0	1.5	6.8	1.62	0.23	7.17	1455.	53.	9.
1227	0000	-839	37.6108	81.1823	PPNR	1.0	1.6	7.1	1.61	0.23	7.01	1527.	53.	9.
1228	0000	-838	37.6112	81.1823	PPNR	1.1	1.6	6.8	1.49	0.24	6.34	1634.	55.	11.
1229	0000	-838	37.6118	81.1823	PPNR	1.2	1.6	7.1	1.31 -	0.23	5.82	1758.	57.	11.
1230	0000	-837	37.6123	81.1824	PPNR	1.3 +	1.9	6.9	1.45	0.27	5.41	1816.	58.	12.
1231	0000	-837	37.6128	81.1824	PPNR	1.3 +	1.7	6.8	1.30 -	0.25	5.24 -	1824.	60.	13.
1232	0000	-837	37.6133	81.1824	PPNR	1.2	1.5	6.6	1.21 -	0.22	5.40 -	1760.	59.	13.
1233	0000	-836	37.6138	81.1824	PPNR	1.1	1.5	6.3	1.31 -	0.23	5.72	1666.	60.	13.
1234	0000	-836	37.6143	81.1825	PPNR	1.0	1.5	6.0	1.54	0.25	6.21	1541.	60.	12.
1235	0000	-836	37.6148	81.1825	PPNR	0.9	1.3	6.0	1.48	0.22	6.63	1407.	59.	11.
1236	0000	-836	37.6153	81.1825	PPNR	0.8	1.3	5.5	1.68	0.24	6.94	1294.	56.	10.
1237	0000	-836	37.6158	81.1825	PPNR	0.7	1.3	5.2	1.74	0.24	7.24	1220.	54.	9.
1238	0000	-836	37.6163	81.1825	PPNR	0.7	1.4	5.3	1.91	0.25	7.50	1188.	54.	7.
1239	0000	-836	37.6168	81.1826	PPNR	0.8	1.6	5.4	2.12	0.30	7.08	1249.	54.	6.
1240	0000	-834	37.6173	81.1826	PPNR	0.9	1.6	5.9	1.93	0.28	6.85	1309.	53.	5.
1241	0000	-834	37.6178	81.1826	PPNR	1.0	1.4	6.2	1.48	0.23	6.34	1378.	54.	5.
1242	0000	-835	37.6183	81.1827	PPNR	1.0	1.6	6.3	1.58	0.25	6.22	1447.	54.	5.
1243	0000	-833	37.6188	81.1827	PPNR	1.0	1.6	6.7	1.65	0.24	6.78	1475.	55.	5.
1244	0000	-834	37.6193	81.1827	PPNR	1.0	1.4	7.3	1.32 -	0.19 -	6.94	1506.	57.	6.
1245	0000	-834	37.6198	81.1828	PPNR	1.0	1.4	7.3	1.34	0.19 -	7.17	1517.	56.	7.
1246	0000	-833	37.6203	81.1828	PPNR	1.1	1.1 -	7.4 +	1.08 -	0.15 --	7.03	1518.	59.	8.
1247	0000	-832	37.6208	81.1828	PPNR	1.1	1.3	7.5 +	1.17 -	0.17 -	6.75	1568.	60.	9.
1248	0000	-832	37.6213	81.1828	PPNR	1.2	1.5	8.0 +	1.29 -	0.19 -	6.86	1656.	57.	10.
1249	0000	-831	37.6218	81.1828	PPNR	1.3 +	1.5	8.4 +	1.21 -	0.18 -	6.60	1732.	58.	9.
1250	0000	-830	37.6223	81.1828	PPNR	1.4 +	1.8	9.1 ++	1.29 -	0.20 -	6.53	1825.	58.	9.
1251	0000	-829	37.6228	81.1829	PPNR	1.4 +	2.1	9.0 ++	1.49	0.23	6.52	1862.	59.	8.
1252	0000	-829	37.6233	81.1829	PPNR	1.4 +	2.1	9.3 ++	1.46	0.22	6.57	1912.	59.	7.
1253	0000	-829	37.6238	81.1829	PPNR	1.4 +	2.4 +	9.4 ++	1.65	0.25	6.49	1954.	57.	5.
1254	0000	-829	37.6243	81.1830	PPNR	1.5 +	2.6 +	9.4 ++	1.74	0.28	6.27	2010.	57.	4.
1255	0000	-828	37.6248	81.1830	PPNR	1.6 ++	2.6 +	9.5 ++	1.66	0.27	6.09	2066.	60.	2.
1256	0000	-829	37.6253	81.1830	PPNR	1.6 ++	2.8 ++	9.8 ++	1.79	0.29	6.22	2086.	60.	2.
1257	0000	-829	37.6258	81.1831	PPNR	1.6 ++	2.8 +	9.2 ++	1.77	0.30	5.93	2073.	59.	2.
1258	0000	-828	37.6263	81.1831	PPNR	1.6 ++	2.8 ++	9.3 ++	1.72	0.30	5.70	2115.	59.	1.
1259	0000	-827	37.6268	81.1831	PPNR	1.7 ++	3.0 ++	9.4 ++	1.73	0.32	5.43	2172.	59.	1.
1260	0000	-828	37.6273	81.1832	PPNR	1.8 ++	3.2 ++	9.7 ++	1.80	0.33	5.51	2226.	60.	1.
1261	0000	-826	37.6278	81.1832	PPNR	1.7 ++	3.1 ++	10.0 ++	1.81	0.31	5.82	2200.	61.	1.
1262	0000	-826	37.6284	81.1832	PPNR	1.7 ++	3.2 ++	9.6 ++	1.94	0.34	5.75	2128.	60.	1.
1263	0000	-825	37.6288	81.1832	PPNR	1.7 ++	3.2 ++	9.3 ++	1.89	0.34	5.49	2097.	59.	1.
1264	0000	-824	37.6293	81.1832	PPNR	1.8 ++	3.1 ++	9.3 ++	1.77	0.33	5.32 -	2122.	60.	0.
1265	0000	-823	37.6299	81.1832	PPNR	1.8 ++	3.0 ++	9.3 ++	1.70	0.32	5.25 -	2109.	61.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1266	0000	-823	37.6304	81.1833	PPNR	1.8 ++	2.9 ++	9.0 ++	1.62	0.32	5.05 -	2070.	61.	0.
1267	0000	-822	37.6308	81.1833	PPNR	1.8 ++	2.6 +	8.9 ++	1.45	0.29	5.00 -	2045.	61.	0.
1268	0000	-822	37.6313	81.1833	PPNR	1.8 ++	2.4 +	8.7 +	1.30 -	0.28	4.72 -	2046.	61.	0.
1269	0000	-822	37.6319	81.1833	PPNR	1.9 +++	2.3 +	8.8 ++	1.22 -	0.26	4.73 -	2056.	60.	1.
1270	0000	-820	37.6324	81.1834	PPNR	1.8 ++	2.1	8.9 ++	1.12 -	0.23	4.82 -	2043.	60.	2.
1271	0000	-819	37.6328	81.1834	PPNR	1.9 +++	1.8	9.0 ++	0.99 -	0.20 -	4.83 -	2023.	60.	3.
1272	0000	-820	37.6333	81.1834	PPNR	1.8 ++	2.0	8.8 ++	1.06 -	0.22	4.77 -	2011.	60.	5.
1273	0000	-819	37.6339	81.1834	PPNR	1.8 ++	1.9	8.5 +	1.02 -	0.22	4.67 -	1972.	60.	6.
1274	0000	-818	37.6344	81.1834	PPNR	1.8 ++	1.7	8.0 +	0.96 -	0.21 -	4.57 -	1900.	60.	8.
1275	0000	-819	37.6348	81.1834	PPNR	1.7 ++	1.5	7.9 +	0.91 --	0.19 -	4.78 -	1839.	62.	9.
1276	0000	-818	37.6354	81.1835	PPNR	1.6 ++	1.5	8.0 +	0.93 --	0.19 -	5.02 -	1792.	63.	10.
1277	0000	-817	37.6359	81.1835	PPNR	1.5 +	1.3	7.9 +	0.91 --	0.17 -	5.42	1741.	63.	11.
1278	0000	-817	37.6363	81.1835	PPNR	1.3 +	1.6	7.4 +	1.29 -	0.22	5.87	1678.	62.	11.
1279	0000	-816	37.6369	81.1836	PPNR	1.2	1.3	7.6 +	1.05 -	0.17 -	6.27	1642.	63.	12.
1280	0000	-815	37.6374	81.1836	PPNR	1.2	1.3	7.9 +	1.12 -	0.16 -	6.84	1644.	61.	12.
1281	0000	-813	37.6379	81.1836	PPNR	1.2	1.3	8.1 +	1.07 -	0.16 --	6.89	1689.	60.	13.
1282	0000	-812	37.6383	81.1837	PPNR	1.3 +	1.4	8.1 +	1.14 -	0.18 -	6.42	1767.	59.	13.
1283	0000	-813	37.6389	81.1837	PPNR	1.3 +	1.5	8.1 +	1.22 -	0.19 -	6.41	1795.	60.	13.
1284	0000	-812	37.6394	81.1837	PPNR	1.4 +	1.4	8.1 +	1.00 -	0.17 -	5.99	1833.	60.	13.
1285	0000	-810	37.6399	81.1837	PPNR	1.5 +	1.3	8.1 +	0.91 --	0.16 -	5.55	1869.	61.	13.
1286	0000	-809	37.6404	81.1837	PPNR	1.4 +	1.6	7.8 +	1.15 -	0.21 -	5.46	1877.	60.	13.
1287	0000	-808	37.6409	81.1837	PPNR	1.4 +	1.6	7.9 +	1.13 -	0.20 -	5.50	1907.	59.	12.
1288	0000	-807	37.6414	81.1838	PPNR	1.4 +	1.8	8.3 +	1.29 -	0.22	5.79	1906.	57.	11.
1289	0000	-806	37.6419	81.1838	PPNR	1.4 +	1.7	8.2 +	1.19 -	0.20 -	5.85	1869.	57.	11.
1290	0000	-805	37.6423	81.1838	PPNR	1.4 +	1.5	8.1 +	1.04 -	0.19 -	5.60	1873.	56.	11.
1291	0000	-804	37.6429	81.1839	PPNR	1.4 +	1.9	8.1 +	1.32 -	0.23	5.69	1897.	55.	10.
1292	0000	-804	37.6434	81.1839	PPNR	1.5 +	1.8	8.3 +	1.25 -	0.22	5.59	1937.	56.	9.
1293	0000	-804	37.6439	81.1839	PPNR	1.6 ++	1.9	8.4 +	1.17 -	0.22	5.19 -	2012.	59.	9.
1294	0000	-803	37.6444	81.1840	PPNR	1.7 ++	2.1	8.7 +	1.24 -	0.25	5.02 -	2081.	59.	8.
1295	0000	-803	37.6449	81.1840	PPNR	1.9 +++	2.1	8.5 +	1.12 -	0.25	4.54 -	2133.	59.	7.
1296	0000	-802	37.6454	81.1840	PPNR	1.9 +++	2.5 +	8.6 +	1.33	0.29	4.65 -	2165.	60.	5.
1297	0000	-802	37.6459	81.1840	PPNR	1.9 +++	2.6 +	8.6 +	1.37	0.30	4.48 -	2171.	61.	4.
1298	0000	-801	37.6464	81.1840	PPNR	1.9 +++	2.6 +	8.6 +	1.36	0.30	4.52 -	2138.	62.	3.
1299	0000	-802	37.6469	81.1841	PPNR	1.8 ++	2.5 +	8.8 +	1.38	0.29	4.80 -	2092.	61.	3.
1300	0000	-801	37.6474	81.1841	PPNR	1.7 ++	2.4 +	8.7 +	1.41	0.28	5.04 -	2040.	58.	2.
1301	0000	-800	37.6479	81.1841	PPNR	1.7 ++	2.4 +	8.7 +	1.42	0.28	5.07 -	1983.	59.	1.
1302	0000	-800	37.6484	81.1841	PPNR	1.6 ++	2.6 +	8.3 +	1.65	0.32	5.21 -	1949.	59.	1.
1303	0000	-800	37.6489	81.1842	PPNR	1.6 ++	2.4 +	8.4 +	1.54	0.29	5.37 -	1902.	58.	1.
1304	0000	-797	37.6494	81.1842	PPNR	1.4 +	2.3 +	8.5 +	1.66	0.27	6.13	1845.	58.	1.
1305	0000	-796	37.6499	81.1842	PPNR	1.3 +	2.5 +	8.2 +	1.85	0.30	6.06	1815.	57.	2.
1306	0000	-795	37.6504	81.1843	PPNR	1.4 +	2.5 +	8.1 +	1.83	0.31	5.89	1818.	57.	3.
1307	0000	-796	37.6509	81.1843	PPNR	1.4 +	2.5 +	8.6 +	1.80	0.29	6.24	1818.	57.	4.
1308	0000	-795	37.6514	81.1843	PPNR	1.3 +	2.3 +	8.3 +	1.78	0.28	6.46	1790.	56.	4.
1309	0000	-793	37.6519	81.1843	PPNR	1.2	2.0	8.3 +	1.69	0.24	6.93	1733.	58.	4.
1310	0000	-791	37.6524	81.1842	PPNR	1.2	2.0	8.3 +	1.62	0.24	6.83	1723.	57.	4.
1311	0000	-792	37.6529	81.1841	PPNR	1.3 +	2.1	8.2 +	1.60	0.26	6.27	1752.	55.	4.
1312	0000	-791	37.6534	81.1841	PPNR	1.2	2.1	8.2 +	1.70	0.25	6.71	1776.	54.	3.
1313	0000	-790	37.6540	81.1840	PPNR	1.2	2.1	8.2 +	1.79	0.26	6.93	1780.	53.	3.
1314	0000	-789	37.6545	81.1839	PPNR	1.2	2.3 +	8.2 +	1.99	0.28	7.07	1768.	53.	2.
1315	0000	-788	37.6550	81.1839	PPNR	1.1	2.6 +	8.0 +	2.35	0.33	7.13	1783.	54.	2.
1316	0000	-787	37.6555	81.1838	PPNR	1.1	2.7 +	8.4 +	2.33	0.32	7.31	1810.	52.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CFS
1317	0000	-785	37.6560	81.1837	PPNR	1.1	2.7 +	8.2 +	2.48	0.33	7.46	1789.	51.	1.
1318	0000	-783	37.6565	81.1837	PPNR	1.1	2.6 +	7.9 +	2.40	0.32	7.48	1738.	51.	2.
1319	0000	-783	37.6570	81.1836	PPNR	1.1	2.2	7.6 +	2.02	0.29	6.86	1663.	52.	2.
1320	0000	-783	37.6575	81.1835	PPNR	1.1	2.0	7.2	1.90	0.28	6.72	1568.	53.	3.
1321	0000	-782	37.6580	81.1834	PPNR	1.0	1.9	6.4	1.90	0.29	6.54	1473.	55.	3.
1322	0000	-782	37.6586	81.1834	PPNR	0.9	1.5	6.1	1.64	0.25	5.53	1366.	55.	3.
1323	0000	-782	37.6591	81.1833	PPNR	0.9	1.4	5.3	1.59	0.27	6.00	1253.	58.	3.
1324	0000	-781	37.6596	81.1832	PPNR	0.9	1.3	4.8	1.52	0.27	5.65	1167.	57.	3.
1325	0000	-781	37.6601	81.1832	PPNR	0.8	1.3	4.5 -	1.63	0.29	5.52	1128.	56.	2.
1326	0000	-780	37.6606	81.1831	PPNR	0.8	1.6	4.5 -	2.09	0.36	5.75	1125.	58.	1.
1327	0000	-780	37.6611	81.1830	PPNR	0.8	1.9	4.4 -	2.41	0.43 +	5.56	1151.	57.	0.
1328	0000	-780	37.6617	81.1829	PPNR	0.9	1.9	4.7	2.21	0.41 +	5.43	1223.	54.	1.
1329	0000	-779	37.6622	81.1829	PPNR	0.9	2.0	5.1	2.20	0.40 +	5.47	1324.	56.	1.
1330	0000	-777	37.6626	81.1828	PPNR	1.1	2.2	6.3	2.10	0.35	5.94	1487.	53.	2.
1331	0000	-777	37.6631	81.1827	PPNR	1.2	2.4 +	7.2	2.05	0.33	6.15	1655.	54.	2.
1332	0000	-777	37.6637	81.1825	PPNR	1.3 +	2.2	8.3 +	1.68	0.26	6.33	1797.	57.	3.
1333	0000	-775	37.6642	81.1825	PPNR	1.4 +	2.2	9.1 ++	1.56	0.24	6.39	1908.	55.	4.
1334	0000	-774	37.6647	81.1824	PPNR	1.5 +	2.2	9.7 ++	1.48	0.22	6.61	1992.	58.	4.
1335	0000	-775	37.6652	81.1823	PPNR	1.5 +	2.3 +	10.0 ++	1.53	0.23	6.72	2020.	60.	5.
1336	0000	-774	37.6657	81.1823	PPNR	1.5 +	2.1	9.9 ++	1.40	0.22	6.53	1985.	61.	5.
1337	0000	-774	37.6662	81.1822	PPNR	1.4 +	2.1	9.1 ++	1.46	0.23	6.48	1876.	63.	4.
1338	0000	-773	37.6668	81.1822	PPNR	1.3 +	1.9	8.5 +	1.45	0.22	6.49	1760.	64.	5.
1339	0000	-772	37.6673	81.1821	PPNR	1.2	2.1	7.5 +	1.81	0.28	6.38	1623.	63.	3.
1340	0000	-771	37.6677	81.1820	PPNR	1.1	1.9	6.7	1.77	0.28	6.33	1487.	64.	3.
1341	0000	-770	37.6682	81.1820	PPNR	0.9	1.7	5.8	1.88	0.30	6.31	1331.	63.	4.
1342	0000	-769	37.6688	81.1819	PPNR	0.8	1.5	5.0	1.90	0.31	6.20	1183.	60.	3.
1343	0000	-769	37.6693	81.1818	PPNR	0.7	1.5	4.4 -	2.12	0.34	6.29	1065.	57.	4.
1344	0000	-768	37.6698	81.1817	PPNR	0.6 -	1.2	3.9 -	2.02	0.32	6.39	974.	58.	4.
1345	0000	-768	37.6703	81.1816	PPNR	0.5 -	1.1 -	3.4 -	2.12	0.32	6.59	884.	58.	5.
1346	0000	-768	37.6708	81.1816	PPNR	0.4 -	1.1 -	3.1 --	2.44	0.34	7.11	816.	58.	5.
1347	0000	-767	37.6714	81.1815	PPNR	0.4 -	0.9 -	2.8 --	2.23	0.34	6.63	760.	60.	5.
1348	0000	-767	37.6719	81.1815	PPNR	0.4 -	0.7 -	2.8 --	1.70	0.26	6.63	737.	58.	5.
1349	0000	-767	37.6724	81.1814	PPNR	0.4 -	0.7 -	2.8 --	1.66	0.25	6.62	732.	60.	5.
1350	0000	-766	37.6729	81.1813	PPNR	0.4 -	0.8 -	2.8 --	1.83	0.27	6.91	731.	60.	4.
1351	0000	-765	37.6734	81.1812	PPNR	0.4 -	0.9 -	2.9 --	2.16	0.32	6.75	738.	58.	3.
1352	0000	-764	37.6739	81.1811	PPNR	0.5 -	1.0 -	3.0 --	2.15	0.34	6.27	757.	62.	2.
1353	0000	-764	37.6744	81.1811	PPNR	0.5 -	1.1 -	3.0 --	2.35	0.36	6.55	792.	61.	3.
1354	0000	-764	37.6749	81.1809	PPNR	0.4 -	1.3	3.6 -	3.22 +	0.36	8.89 +	853.	58.	3.
1355	0000	-763	37.6754	81.1808	PPNR	0.4 -	1.6	3.7 -	3.87 ++	0.44 +	8.83 +	912.	59.	2.
1356	0000	-762	37.6759	81.1808	PPNR	0.5 -	1.8	3.9 -	3.96 ++	0.47 +	8.51 +	960.	60.	3.
1357	0000	-761	37.6765	81.1807	PPNR	0.5 -	1.9	4.4 -	4.21 ++	0.43 +	9.76 ++	1021.	61.	4.
1358	0000	-761	37.6770	81.1806	PPNR	0.5 -	2.0	4.5 -	4.26 ++	0.44 +	9.66 ++	1078.	59.	5.
1359	0000	-761	37.6775	81.1806	PPNR	0.5 -	2.1	4.9	4.22 ++	0.42 +	10.11 ++	1123.	57.	6.
1360	0000	-760	37.6780	81.1805	PPNR	0.5 -	2.0	5.4	3.70 ++	0.37	10.08 ++	1148.	56.	6.
1361	0000	-758	37.6785	81.1804	PPNR	0.6 -	1.9	5.1	3.20 +	0.38 +	8.36 +	1151.	56.	7.
1362	0000	-759	37.6790	81.1804	PPNR	0.6 -	1.9	5.2	3.18 +	0.36	8.95 +	1158.	58.	7.
1363	0000	-758	37.6795	81.1803	PPNR	0.6 -	1.8	5.4	3.14 +	0.33	9.43 +	1169.	56.	7.
1364	0000	-757	37.6800	81.1802	PPNR	0.6 -	1.8	5.2	3.13 +	0.35	8.87 +	1173.	57.	6.
1365	0000	-757	37.6805	81.1802	PPNR	0.6 -	1.8	5.1	3.18 +	0.36	8.84 +	1152.	57.	6.
1366	0000	-758	37.6810	81.1801	PPNR	0.6 -	1.8	4.9	3.27 +	0.36	8.97 +	1130.	58.	5.
1367	0000	-757	37.6816	81.1800	PPNR	0.5 -	1.8	4.6	3.37 +	0.40 +	8.47 +	1104.	58.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1368	0000	-755	37.6821	81.1799	PPNR	0.5 -	1.7	4.6	3.37 +	0.38 +	8.77 +	1078.	60.	4.
1369	0000	-755	37.6826	81.1799	PPNR	0.5 -	1.7	4.4 -	3.03 +	0.37 +	8.10 +	1059.	56.	4.
1370	0000	-755	37.6831	81.1798	PPNR	0.5 -	1.6	4.3 -	2.86 +	0.36	7.85	1039.	55.	4.
1371	0000	-755	37.6836	81.1797	PPNR	0.6 -	1.3	4.2 -	2.36	0.31	7.55	1010.	53.	6.
1372	0000	-755	37.6841	81.1797	PPNR	0.6 -	1.2	4.4 -	2.08	0.27	7.85	999.	54.	6.
1373	0000	-755	37.6846	81.1796	PPNR	0.6 -	1.1 -	4.4 -	1.88	0.26	7.38	1010.	51.	7.
1374	0000	-755	37.6851	81.1795	PPNR	0.6 -	1.0 -	4.3 -	1.58	0.22	7.12	1008.	53.	9.
1375	0000	-754	37.6857	81.1794	PPNR	0.6 -	0.9 -	4.3 -	1.52	0.22	7.01	1007.	52.	10.
1376	0000	-753	37.6862	81.1794	PPNR	0.6 -	0.9 -	4.3 -	1.44	0.20 -	7.31	1005.	53.	10.
1377	0000	-754	37.6867	81.1792	PPNR	0.6 -	0.9 -	4.3 -	1.53	0.21 -	7.26	1004.	53.	10.
1378	0000	-753	37.6872	81.1792	PPNR	0.6 -	1.0 -	4.6 -	1.78	0.22	8.09 +	1022.	53.	10.
1379	0000	-752	37.6877	81.1790	PPNR	0.6 -	1.0 -	4.6	1.70	0.21	7.97 +	1034.	55.	10.
1380	0000	-753	37.6882	81.1790	PPNR	0.6 -	0.9 -	4.5 -	1.55	0.19 -	8.09 +	1023.	55.	9.
1381	0000	-753	37.6887	81.1789	PPNR	0.6 -	0.9 -	4.8	1.62	0.19 -	8.37 +	1034.	55.	8.
1382	0000	-754	37.6892	81.1789	PPNR	0.6 -	1.0 -	4.8	1.88	0.22	8.70 +	1044.	54.	8.
1383	0000	-754	37.6897	81.1788	PPNR	0.5 -	1.0 -	4.8	1.80	0.20 -	8.78 +	1039.	55.	8.
1384	0000	-754	37.6902	81.1787	PPNR	0.6 -	0.8 -	4.6	1.38	0.17 -	8.14 +	1021.	56.	9.
1385	0000	-754	37.6907	81.1787	PPNR	0.5 -	0.8 -	4.4 -	1.39	0.17 -	8.20 +	995.	58.	9.
1386	0000	-755	37.6913	81.1786	PPNR	0.6 -	0.8 -	4.4 -	1.44	0.18 -	7.83	1000.	55.	10.
1387	0000	-755	37.6918	81.1785	PPNR	0.6 -	0.8 -	4.2 -	1.48	0.20 -	7.36	1008.	57.	10.
1388	0000	-755	37.6923	81.1785	PPNR	0.6	0.8 -	4.2 -	1.30 -	0.19 -	6.68	1039.	54.	11.
1389	0000	-754	37.6928	81.1784	PPNR	0.7	0.8 -	4.5 -	1.26 -	0.19 -	6.69	1080.	54.	11.
1390	0000	-754	37.6933	81.1783	PPNR	0.8	0.9 -	4.5 -	1.15 -	0.20 -	5.73	1145.	53.	11.
1391	0000	-754	37.6938	81.1782	PPNR	0.9	1.1 -	4.9	1.25 -	0.22	5.78	1222.	53.	10.
1392	0000	-755	37.6943	81.1782	PPNR	0.9	1.2	5.1	1.24 -	0.23	5.37 -	1301.	51.	10.
1393	0000	-754	37.6948	81.1781	PPNR	1.0	1.3	5.5	1.36	0.24	5.65	1348.	53.	8.
1394	0000	-755	37.6954	81.1780	PPNR	1.0	1.5	5.6	1.52	0.28	5.46	1378.	51.	8.
1395	0000	-757	37.6958	81.1780	PPNR	1.0	1.7	5.7	1.70	0.29	5.86	1373.	52.	7.
1396	0000	-756	37.6964	81.1779	PPNR	1.0	1.7	5.9	1.70	0.28	5.97	1349.	53.	5.
1397	0000	-754	37.6969	81.1778	PPNR	0.9	1.8	5.7	2.07	0.32	6.53	1287.	53.	4.
1398	0000	-755	37.6974	81.1777	PPNR	0.8	1.7	5.3	2.23	0.33	6.77	1211.	52.	3.
1399	0000	-755	37.6979	81.1776	PPNR	0.7	1.8	5.0	2.46	0.35	7.01	1130.	53.	2.
1400	0000	-754	37.6984	81.1775	PPNR	0.6	1.6	4.4 -	2.44	0.35	6.87	1061.	54.	2.
1401	0000	-755	37.6990	81.1774	PPNR	0.6 -	1.5	4.4 -	2.68 +	0.34	7.78	1013.	53.	1.
1402	0000	-757	37.6994	81.1774	PPNR	0.5 -	1.5	4.2 -	2.91 +	0.36	8.04 +	977.	54.	1.
1403	0000	-757	37.6999	81.1773	PPNR	0.5 -	1.4	4.3 -	2.86 +	0.33	8.60 +	966.	53.	1.
1404	0000	-757	37.7005	81.1772	PPNR	0.5 -	1.4	4.2 -	2.69 +	0.32	8.27 +	955.	50.	2.
1405	0000	-759	37.7010	81.1772	PPNR	0.5 -	1.4	4.1 -	2.94 +	0.35	8.34 +	951.	52.	3.
1406	0000	-760	37.7015	81.1771	PPNR	0.5 -	1.3	4.2 -	2.66 +	0.31	8.49 +	948.	53.	3.
1407	0000	-760	37.7020	81.1770	PPNR	0.5 -	1.3	4.2 -	2.69 +	0.31	8.66 +	945.	53.	4.
1408	0000	-761	37.7025	81.1769	PPNR	0.5 -	1.2	4.4 -	2.52	0.28	9.04 +	952.	54.	5.
1409	0000	-762	37.7030	81.1769	PPNR	0.5 -	1.2	4.1 -	2.60 +	0.30	8.64 +	944.	57.	5.
1410	0000	-762	37.7036	81.1768	PPNR	0.4 -	1.2	3.6 -	2.75 +	0.34	8.03 +	912.	59.	6.
1411	0000	-762	37.7041	81.1767	PPNR	0.4 -	1.1 -	3.7 -	2.59 +	0.29	8.84 +	883.	61.	6.
1412	0000	-762	37.7046	81.1767	PPNR	0.5 -	1.0 -	3.5 -	2.21	0.29	7.65	866.	61.	6.
1413	0000	-763	37.7050	81.1766	PPNR	0.5 -	1.0 -	3.4 -	2.04	0.29	7.05	853.	60.	6.
1414	0000	-764	37.7056	81.1765	PPNR	0.5 -	1.0 -	3.4 -	1.93	0.28	6.80	849.	57.	6.
1415	0000	-765	37.7061	81.1764	PPNR	0.5 -	1.0 -	3.1 --	2.08	0.34	6.21	847.	58.	5.
1416	0000	-765	37.7066	81.1764	PPNR	0.5 -	1.2 -	3.0 --	2.21	0.39 +	5.72	850.	54.	5.
1417	0000	-765	37.7071	81.1763	PPNR	0.6 -	1.0 -	3.5 -	1.77	0.29	6.03	878.	54.	5.
1418	0000	-767	37.7076	81.1762	PPNR	0.6 -	1.3	3.4 -	2.09	0.38 +	5.47	912.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1419	0000	-768	37.7082	81.1762	PPNR	0.6 -	1.4	3.8 -	2.45	0.38 +	6.49	970.	57.	4.
1420	0000	-768	37.7087	81.1761	PPNR	0.6 -	1.4	4.0 -	2.42	0.36	6.70	1019.	57.	4.
1421	0000	-770	37.7092	81.1759	PPNR	0.7	1.5	4.0 -	2.26	0.37	6.09	1040.	58.	3.
1422	0000	-770	37.7097	81.1759	PPNR	0.7	1.6	4.3 -	2.28	0.36	6.26	1049.	58.	3.
1423	0000	-770	37.7102	81.1758	PPNR	0.7	1.5	4.8	2.13	0.31	6.80	1042.	60.	3.
1424	0000	-771	37.7107	81.1757	PPNR	0.7	1.6	4.3 -	2.32	0.36	6.36	1017.	60.	4.
1425	0000	-770	37.7112	81.1757	PPNR	0.7	1.4	4.4 -	2.11	0.32	6.58	1003.	58.	4.
1426	0000	-771	37.7117	81.1756	PPNR	0.6	1.3	4.1 -	1.93	0.31	6.34	949.	55.	5.
1427	0000	-773	37.7122	81.1755	PPNR	0.6 -	1.2	3.8 -	1.94	0.32	6.08	907.	56.	6.
1428	0000	-773	37.7127	81.1755	PPNR	0.5 -	1.0 -	3.8 -	1.77	0.26	6.86	864.	57.	7.
1429	0000	-773	37.7133	81.1754	PPNR	0.5 -	0.8 -	3.6 -	1.52	0.22	6.87	836.	56.	8.
1430	0000	-774	37.7138	81.1753	PPNR	0.5 -	0.8 -	3.3 -	1.55	0.24	6.50	830.	56.	8.
1431	0000	-775	37.7143	81.1752	PPNR	0.5 -	0.7 -	3.6 -	1.48	0.21 -	7.06	843.	54.	8.
1432	0000	-776	37.7148	81.1752	PPNR	0.5 -	0.7 -	3.5 -	1.34	0.20 -	6.89	856.	56.	8.
1433	0000	-776	37.7153	81.1751	PPNR	0.5 -	0.9 -	3.5 -	1.63	0.24	6.66	882.	58.	8.
1434	0000	-777	37.7158	81.1750	PPNR	0.6 -	0.9 -	3.8 -	1.66	0.25	6.72	918.	56.	7.
1435	0000	-776	37.7163	81.1750	PPNR	0.6 -	1.1 -	3.8 -	1.92	0.30	6.38	955.	55.	7.
1436	0000	-777	37.7168	81.1749	PPNR	0.6	1.3	3.9 -	2.06	0.34	6.11	1000.	55.	7.
1437	0000	-778	37.7173	81.1748	PPNR	0.7	1.4	4.2 -	2.09	0.34	6.08	1037.	57.	7.
1438	0000	-778	37.7178	81.1747	PPNR	0.7	1.7	4.0 -	2.34	0.41 +	5.69	1070.	59.	7.
1439	0000	-779	37.7184	81.1747	PPNR	0.7	1.9	4.1 -	2.57 +	0.46 +	5.60	1103.	57.	6.
1440	0000	-780	37.7189	81.1746	PPNR	0.8	1.7	4.7	2.24	0.37	6.13	1138.	57.	6.
1441	0000	-782	37.7194	81.1745	PPNR	0.8	1.8	4.7	2.27	0.39 +	5.85	1158.	58.	7.
1442	0000	-783	37.7199	81.1745	PPNR	0.9	1.8	4.7	2.11	0.38 +	5.56	1191.	57.	7.
1443	0000	-785	37.7204	81.1743	PPNR	0.8	1.8	4.9	2.11	0.36	5.83	1232.	56.	6.
1444	0000	-785	37.7210	81.1743	PPNR	0.8	1.8	5.4	2.16	0.33	6.50	1269.	54.	7.
1445	0000	-787	37.7215	81.1742	PPNR	0.8	1.6	5.5	1.93	0.30	6.52	1279.	52.	8.
1446	0000	-787	37.7220	81.1741	PPNR	0.8	1.4	5.7	1.75	0.25	7.04	1269.	54.	8.
1447	0000	-787	37.7225	81.1741	PPNR	0.8	1.4	5.5	1.91	0.26	7.32	1251.	54.	8.
1448	0000	-787	37.7231	81.1740	PPNR	0.7	1.4	5.6	1.97	0.24	8.17 +	1219.	53.	8.
1449	0000	-788	37.7236	81.1740	PPNR	0.6	1.4	5.8	2.20	0.24	9.27 +	1187.	54.	7.
1450	0000	-788	37.7241	81.1739	PPNR	0.6 -	1.2	5.8	1.94	0.21 -	9.40 +	1115.	56.	6.
1451	0000	-788	37.7246	81.1738	PPNR	0.6	1.2 -	5.3	1.83	0.22	8.46 +	1070.	56.	6.
1452	0000	-789	37.7252	81.1738	PPNR	0.6 -	1.2 -	5.4	1.91	0.21	8.90 +	1058.	56.	4.
1453	0000	-790	37.7257	81.1737	PPNR	0.6 -	1.3	5.4	2.01	0.23	8.65 +	1047.	56.	3.
1454	0000	-789	37.7262	81.1737	PPNR	0.7	1.3	5.3	1.95	0.24	8.02 +	1049.	55.	2.
1455	0000	-787	37.7267	81.1736	PPNR	0.7	1.3	5.0	1.96	0.26	7.53	1044.	56.	1.
1456	0000	-786	37.7273	81.1736	PPNR	0.6 -	1.5	4.7	2.51	0.32	7.81	1042.	55.	1.
1457	0000	-786	37.7278	81.1734	PPNR	0.6 -	1.7	4.6	2.91 +	0.37	7.85	1038.	55.	1.
1458	0000	-786	37.7283	81.1734	PPNR	0.6 -	1.6	4.5 -	2.81 +	0.35	8.02 +	1014.	54.	1.
1459	0000	-787	37.7289	81.1733	PPNR	0.5 -	1.7	4.3 -	3.26 +	0.40 +	8.21 +	986.	54.	1.
1460	0000	-787	37.7294	81.1732	PPNR	0.5 -	1.7	4.1 -	3.51 +	0.42 +	8.30 +	964.	55.	1.
1461	0000	-788	37.7299	81.1732	PPNR	0.4 -	1.8	4.0 -	4.08 ++	0.44 +	9.19 +	938.	56.	1.
1462	0000	-789	37.7305	81.1731	PPNR	0.4 -	1.7	4.1 -	3.90 ++	0.42 +	9.34 +	935.	55.	2.
1463	0000	-787	37.7310	81.1730	PPNR	0.5 -	1.5	4.1 -	3.02 +	0.38 +	8.03 +	938.	58.	2.
1464	0000	-787	37.7315	81.1730	PPNR	0.5 -	1.5	3.9 -	2.94 +	0.39 +	7.61	945.	56.	3.
1465	0000	-789	37.7320	81.1729	PPNR	0.5 -	1.5	4.0 -	2.79 +	0.37	7.47	962.	58.	3.
1466	0000	-792	37.7326	81.1729	PPNR	0.6 -	1.5	4.0 -	2.75 +	0.38 +	7.25	964.	59.	3.
1467	0000	-795	37.7331	81.1728	PPNR	0.6 -	1.5	4.3 -	2.53	0.35	7.17	986.	59.	3.
1468	0000	-797	37.7337	81.1727	PPNR	0.6	1.6	4.3 -	2.49	0.37	6.75	994.	59.	3.
1469	0000	-798	37.7342	81.1727	PPNR	0.6 -	1.7	4.4 -	2.85 +	0.38 +	7.41	996.	58.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1470	0000	-798	37.7347	81.1726		PPNR	0.6 -	1.7	4.8	3.00 +	0.36	8.30 +	998.	56.	2.
1471	0000	-798	37.7352	81.1725		PPNR	0.6 -	1.9	5.2	3.19 +	0.37	8.62 +	1030.	56.	1.
1472	0000	-799	37.7358	81.1724		PPNR	0.6	2.1	5.1	3.39 +	0.42 +	8.06 +	1067.	55.	1.
1473	0000	-798	37.7363	81.1724		PPNR	0.7	2.1	5.4	3.13 +	0.39 +	8.00 +	1134.	53.	0.
1474	0000	-799	37.7368	81.1724		PPNR	0.7	2.2	5.5	3.43 +	0.41 +	8.39 +	1190.	53.	0.
1475	0000	-801	37.7374	81.1723		PPNR	0.7	2.3	5.5	3.23 +	0.41 +	7.94 +	1242.	53.	1.
1476	0000	-803	37.7379	81.1722		PPNR	0.8	2.2	5.5	2.97 +	0.40 +	7.33	1284.	53.	1.
1477	0000	-803	37.7384	81.1722		PPNR	0.7	2.2	5.1	2.98 +	0.43 +	6.87	1271.	54.	2.
1478	0000	-802	37.7389	81.1721		PPNR	0.7	1.9	4.7	2.63 +	0.41 +	6.46	1217.	56.	4.
1479	0000	-801	37.7394	81.1720		PPNR	0.7	1.8	4.7	2.70 +	0.39 +	6.90	1182.	55.	4.
1480	0000	-801	37.7400	81.1720		PPNR	0.7	1.7	4.5 -	2.51	0.38 +	6.60	1115.	55.	5.
1481	0000	-800	37.7405	81.1719		PPNR	0.7	1.3	4.3 -	1.97	0.30	6.48	1072.	54.	7.
1482	0000	-800	37.7410	81.1718		PPNR	0.6	1.2	4.4 -	1.90	0.28	6.85	1016.	55.	7.
1483	0000	-799	37.7415	81.1717		PPNR	0.6 -	1.0 -	4.1 -	1.64	0.24	6.80	951.	55.	8.
1484	0000	-800	37.7421	81.1717		PPNR	0.6 -	0.9 -	3.9 -	1.69	0.24	7.12	929.	54.	8.
1485	0000	-799	37.7427	81.1717		PPNR	0.5 -	0.9 -	3.9 -	1.77	0.24	7.36	919.	52.	8.
1486	0000	-800	37.7432	81.1716		PPNR	0.5 -	0.6 -	3.7 -	1.29 -	0.17 -	7.35	867.	53.	8.
1487	0000	-807	37.7437	81.1715		PPNR	0.5 -	0.7 -	3.4 -	1.48	0.21 -	7.12	832.	55.	7.
1488	0000	-812	37.7442	81.1715		PPNR	0.4 -	1.0 -	2.9 --	2.21	0.34	6.55	771.	56.	6.
1489	0000	-811	37.7448	81.1714		PPNR	0.4 -	0.9 -	2.7 --	2.19	0.34	6.42	750.	56.	5.
1490	0000	-809	37.7453	81.1713		PPNR	0.4 -	1.3	2.7 --	3.07 +	0.46 +	6.66	779.	57.	4.
1491	0000	-808	37.7458	81.1712		PPNR	0.5 -	1.2	2.7 --	2.60 +	0.45 +	5.78	818.	58.	5.
1492	0000	-807	37.7463	81.1712		PPNR	0.6 -	1.1 -	3.1 -	1.96	0.35	5.54	892.	58.	6.
1493	0000	-806	37.7469	81.1711		PPNR	0.6 -	1.2	3.8 -	1.96	0.32	6.09	1004.	58.	6.
1494	0000	-805	37.7474	81.1711		PPNR	0.6 -	1.5	4.8	2.37	0.30	7.79	1159.	57.	8.
1495	0000	-804	37.7479	81.1710		PPNR	0.8	1.4	5.5	1.87	0.26	7.28	1345.	56.	9.
1496	0000	-802	37.7485	81.1710		PPNR	0.9	1.8	6.0	2.09	0.30	6.89	1538.	57.	9.
1497	0000	-804	37.7490	81.1709		PPNR	1.1	2.1	6.9	1.96	0.30	6.58	1748.	55.	10.
1498	0000	-807	37.7495	81.1708		PPNR	1.2	2.6 +	7.9 +	2.17	0.33	6.56	1938.	54.	10.
1499	0000	-807	37.7500	81.1707		PPNR	1.3 +	3.1 ++	8.3 +	2.38	0.37	6.38	2103.	55.	9.
1500	0000	-806	37.7506	81.1707		PPNR	1.5 +	3.5 +++	9.4 ++	2.34	0.37	6.33	2257.	55.	8.
1501	0000	-806	37.7511	81.1706		PPNR	1.7 ++	3.7 +++	9.4 ++	2.22	0.40 +	5.61	2347.	55.	7.
1502	0000	-807	37.7517	81.1705		PPNR	1.7 ++	3.8 +++	9.2 ++	2.28	0.41 +	5.52	2327.	55.	5.
1503	0000	-810	37.7522	81.1705		PPNR	1.7 ++	3.5 +++	9.3 ++	2.11	0.38 +	5.56	2238.	54.	4.
1504	0000	-810	37.7527	81.1704		PPNR	1.6 ++	3.1 ++	8.9 ++	1.96	0.35	5.53	2104.	56.	3.
1505	0000	-808	37.7532	81.1704		PPNR	1.5 +	2.7 +	8.4 +	1.81	0.32	5.68	1971.	55.	2.
1506	0000	-806	37.7537	81.1703		PPNR	1.4 +	2.4 +	8.2 +	1.72	0.30	5.76	1836.	52.	1.
1507	0000	-806	37.7543	81.1703		PPNR	1.3 +	2.3 +	6.9	1.69	0.33	5.14 -	1702.	52.	2.
1508	0000	-806	37.7548	81.1702		PPNR	1.3 +	1.9	6.9	1.51	0.28	5.43	1587.	52.	2.
1509	0000	-804	37.7554	81.1701		PPNR	1.2	1.9	7.3	1.59	0.26	6.14	1559.	52.	1.
1510	0000	-803	37.7559	81.1700		PPNR	1.2	1.9	7.3	1.60	0.26	6.23	1573.	51.	2.
1511	0000	-802	37.7564	81.1700		PPNR	1.1	2.0	7.2	1.78	0.28	6.45	1565.	52.	2.
1512	0000	-801	37.7570	81.1699		PPNR	1.1	2.0	7.7 +	1.77	0.26	6.77	1572.	52.	2.
1513	0000	-803	37.7575	81.1698		PPNR	1.1	2.1	7.8 +	1.88	0.26	7.14	1591.	54.	2.
1514	0000	-808	37.7580	81.1698		PPP	1.1	2.0	8.2 +	1.93	0.25	7.77	1619.	52.	3.
1515	0000	-810	37.7585	81.1698		PPP	1.0	2.4 +	7.6	2.29	0.31	7.40	1658.	52.	3.
1516	0000	-810	37.7591	81.1697		PPP	1.1	2.3	7.3	2.02	0.32	6.38	1703.	52.	5.
1517	0000	-813	37.7596	81.1696		PPP	1.2	2.4 +	7.5	1.95	0.32	6.11	1774.	54.	5.
1518	0000	-814	37.7601	81.1695		PPP	1.3	2.3	7.7	1.78	0.30	5.98	1836.	53.	6.
1519	0000	-814	37.7606	81.1694		PPP	1.3	2.4 +	7.4	1.83	0.33	5.61	1874.	53.	7.
1520	0000	-816	37.7612	81.1694		PPP	1.3	2.3	7.2	1.73	0.32	5.40	1851.	54.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1521	0000	-817	37.7617	81.1693	PPP	1.3	2.2	6.8	1.67	0.32	5.23 -	1772.	56.	8.
1522	0000	-817	37.7622	81.1693	PPNR	1.2	1.8	6.6	1.47	0.27	5.47	1656.	56.	9.
1523	0000	-815	37.7627	81.1692	PPNR	1.1	1.8	6.4	1.62	0.27	5.92	1542.	57.	9.
1524	0000	-814	37.7633	81.1691	PPNR	1.0	1.5	5.8	1.53	0.25	6.04	1402.	55.	9.
1525	0000	-814	37.7638	81.1691	PPNR	0.9	1.5	5.3	1.67	0.28	5.96	1305.	56.	9.
1526	0000	-814	37.7644	81.1691	PPNR	0.8	1.4	4.8	1.70	0.29	5.76	1202.	56.	9.
1527	0000	-811	37.7649	81.1690	PPNR	0.8	1.3	4.5 -	1.70	0.29	5.82	1151.	58.	9.
1528	0000	-811	37.7654	81.1689	PPNR	0.8	1.2	4.6	1.58	0.27	5.82	1135.	57.	9.
1529	0000	-815	37.7659	81.1689	PPNR	0.8	1.2	4.8	1.58	0.25	6.34	1126.	57.	8.
1530	0000	-816	37.7665	81.1687	PPNR	0.8	1.1 -	4.9	1.37	0.22	6.32	1122.	53.	9.
1531	0000	-817	37.7670	81.1687	PPNR	0.8	1.1 -	5.0	1.42	0.21	6.63	1108.	56.	8.
1532	0000	-817	37.7675	81.1686	PPNR	0.7	1.1 -	5.1	1.53	0.22	6.93	1082.	58.	8.
1533	0000	-817	37.7680	81.1685	PPNR	0.7	1.1 -	5.0	1.66	0.23	7.35	1081.	60.	8.
1534	0000	-817	37.7686	81.1685	PPNR	0.6	1.3	4.8	2.12	0.28	7.64	1070.	56.	6.
1535	0000	-816	37.7691	81.1685	PPNR	0.6 -	1.6	4.8	2.65 +	0.34	8.41 +	1070.	56.	5.
1536	0000	-815	37.7696	81.1684	PPNR	0.6 -	1.4	4.6	2.38	0.32	7.49	1075.	58.	6.
1537	0000	-815	37.7702	81.1684	PPNR	0.6 -	1.6	4.3 -	2.83 +	0.37	7.61	1068.	60.	5.
1538	0000	-812	37.7707	81.1682	PPNR	0.6 -	1.6	4.4 -	2.68 +	0.35	7.67	1078.	57.	5.
1539	0000	-808	37.7712	81.1682	PPNR	0.6 -	1.5	4.7	2.63 +	0.31	8.55 +	1087.	55.	4.
1540	0000	-804	37.7718	81.1681	PPNR	0.6 -	1.5	4.9	2.48	0.31	7.99 +	1101.	53.	4.
1541	0000	-805	37.7723	81.1680	PPNR	0.7	1.3	5.0	2.03	0.27	7.64	1112.	55.	4.
1542	0000	-810	37.7728	81.1680	PPNR	0.7	1.2	5.1	1.78	0.23	7.56	1117.	55.	5.
1543	0000	-816	37.7734	81.1679	PPNR	0.7	1.2	5.3	1.85	0.24	7.77	1118.	53.	5.
1544	0000	-818	37.7739	81.1678	PPNR	0.7	1.1 -	5.2	1.57	0.20 -	7.68	1096.	54.	6.
1545	0000	-816	37.7744	81.1678	PPNR	0.6 -	1.3	4.7	2.23	0.28	7.84	1076.	52.	6.
1546	0000	-814	37.7749	81.1677	PPNR	0.6 -	1.4	4.5 -	2.29	0.30	7.52	1058.	53.	7.
1547	0000	-813	37.7754	81.1677	PPNR	0.6 -	1.2	4.5 -	2.14	0.27	7.98 +	1027.	53.	7.
1548	0000	-815	37.7760	81.1676	PPNR	0.5 -	1.3	4.3 -	2.43	0.30	8.05 +	1018.	51.	7.
1549	0000	-816	37.7765	81.1675	PPNR	0.6 -	1.4	3.9 -	2.48	0.35	7.09	1012.	51.	7.
1550	0000	-817	37.7771	81.1675	PPNR	0.5 -	1.6	3.8 -	3.02 +	0.41 +	7.40	996.	51.	7.
1551	0000	-818	37.7775	81.1674	PPNR	0.5 -	1.9	3.7 -	3.89 ++	0.50 ++	7.78	997.	50.	6.
1552	0000	-819	37.7781	81.1673	PPNR	0.5 -	1.6	4.0 -	3.09 +	0.40 +	7.69	1004.	53.	5.
1553	0000	-817	37.7787	81.1673	PPNR	0.6 -	1.8	3.6 -	3.12 +	0.48 +	6.43	1015.	52.	5.
1554	0000	-816	37.7792	81.1672	PPNR	0.6 -	1.9	3.8 -	3.45 +	0.51 ++	6.79	1025.	53.	4.
1555	0000	-816	37.7797	81.1671	PPNR	0.6 -	1.8	4.0 -	3.20 +	0.45 +	7.03	1029.	53.	3.
1556	0000	-817	37.7802	81.1671	PPNR	0.6 -	1.8	4.3 -	3.18 +	0.41 +	7.75	1027.	54.	2.
1557	0000	-817	37.7808	81.1670	PPNR	0.6 -	1.9	4.5 -	3.31 +	0.41 +	8.03 +	1055.	55.	2.
1558	0000	-820	37.7813	81.1670	PPNR	0.6	1.8	4.5 -	2.83 +	0.40 +	7.13	1080.	57.	2.
1559	0000	-820	37.7818	81.1669	PPNR	0.6	1.9	4.7	3.01 +	0.41 +	7.32	1088.	57.	2.
1560	0000	-821	37.7823	81.1668	PPNR	0.6 -	1.8	5.2	3.11 +	0.35	8.82 +	1080.	58.	2.
1561	0000	-821	37.7829	81.1668	PPNR	0.6 -	1.9	4.9	3.08 +	0.38 +	8.17 +	1084.	58.	2.
1562	0000	-818	37.7834	81.1667	PPNR	0.6 -	1.9	5.1	3.16 +	0.37	8.45 +	1094.	58.	3.
1563	0000	-814	37.7839	81.1666	PPNR	0.6 -	2.0	5.3	3.31 +	0.39 +	8.52 +	1127.	57.	2.
1564	0000	-809	37.7844	81.1665	PPNR	0.7	2.0	5.0	2.91 +	0.39 +	7.44	1134.	56.	3.
1565	0000	-805	37.7850	81.1665	PPNR	0.7	1.9	5.3	2.72 +	0.35	7.80	1151.	53.	3.
1566	0000	-810	37.7855	81.1665	PPNR	0.7	1.9	5.4	2.73 +	0.35	7.81	1165.	51.	3.
1567	0000	-821	37.7861	81.1664	PPNR	0.7	1.8	5.4	2.53	0.34	7.39	1169.	54.	4.
1568	0000	-832	37.7866	81.1663	PPNR	0.7	1.7	5.8	2.40	0.30	7.98 +	1168.	52.	4.
1569	0000	-837	37.7871	81.1663	PPNR	0.7	1.5	5.4	2.17	0.29	7.55	1142.	54.	5.
1570	0000	-836	37.7877	81.1662	PPNR	0.7	1.4	5.3	2.01	0.26	7.72	1100.	56.	4.
1571	0000	-832	37.7882	81.1661	PPNR	0.7	1.2	5.5	1.83	0.22	8.29 +	1072.	56.	4.

FLIGHT LINE 860, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1572	0000	-830	37.7887	81.1660	PPNR	0.6	1.3	5.2	1.98	0.25	8.07 +	1025.	60.	4.
1573	0000	-826	37.7892	81.1660	PPNR	0.6	1.4	4.6	2.25	0.31	7.31	992.	63.	4.
1574	0000	-822	37.7897	81.1659	PPNR	0.6 -	1.7	4.5 -	2.70 +	0.37	7.32	1005.	60.	3.
1575	0000	-822	37.7903	81.1658	PPNR	0.6	1.7	4.3 -	2.67 +	0.40 +	6.72	1019.	62.	3.
1576	0000	-821	37.7908	81.1658	PPNR	0.6 -	1.9	4.4 -	3.03 +	0.42 +	7.18	1037.	61.	2.
1577	0000	-823	37.7914	81.1658	PPNR	0.6	1.9	4.4 -	3.06 +	0.44 +	7.03	1055.	60.	3.
1578	0000	-825	37.7919	81.1657	PPNR	0.6	2.0	4.3 -	3.18 +	0.47 +	6.75	1088.	60.	3.
1579	0000	-825	37.7924	81.1656	PPNR	0.7	2.0	4.5 -	3.00 +	0.44 +	6.84	1144.	58.	4.
1580	0000	-824	37.7929	81.1656	PPNR	0.7	1.9	4.8	2.73 +	0.39 +	7.01	1172.	55.	4.
1581	0000	-824	37.7935	81.1655	PPNR	0.7	1.7	4.9	2.59 +	0.35	7.36	1156.	52.	4.
1582	0000	-823	37.7940	81.1654	PPNR	0.7	1.6	4.9	2.47	0.33	7.45	1130.	51.	4.
1583	0000	-823	37.7945	81.1653	PPNR	0.7	1.7	5.0	2.57 +	0.35	7.37	1117.	50.	4.
1584	0000	-820	37.7951	81.1653	PPNR	0.7	1.7	5.1	2.54	0.32	7.86	1102.	52.	4.
1585	0000	-816	37.7956	81.1652	PPNR	0.6 -	1.7	5.0	2.93 +	0.35	8.46 +	1056.	53.	3.
1586	0000	-805	37.7961	81.1652	PPNR	0.6 -	1.7	4.7	3.08 +	0.37	8.40 +	1012.	54.	2.
1587	0000	-791	37.7966	81.1651	PPNR	0.5 -	1.7	4.9	3.30 +	0.34	9.65 ++	981.	53.	2.
1588	0000	-797	37.7972	81.1651	PPNR	0.5 -	1.8	4.5 -	3.23 +	0.39 +	8.23 +	978.	56.	1.
1589	0000	-814	37.7977	81.1650	PPNR	0.6 -	1.7	4.2 -	2.90 +	0.40 +	7.30	970.	60.	2.
1590	0000	-814	37.7982	81.1649	PPNR	0.6 -	1.6	4.2 -	2.73 +	0.38 +	7.21	960.	62.	2.
1591	0000	-801	37.7987	81.1649	PPNR	0.6 -	1.9	3.9 -	3.41 +	0.49 +	6.96	963.	61.	2.
1592	0000	-793	37.7993	81.1647	PPNR	0.6 -	1.7	3.9 -	2.96 +	0.45 +	6.60	985.	60.	2.
1593	0000	-799	37.7998	81.1647	PPNR	0.6 -	1.7	3.9 -	2.82 +	0.45 +	6.29	995.	60.	2.
1594	0000	-816	37.8004	81.1646	PPNR	0.7	1.6	3.9 -	2.32	0.40 +	5.83	1030.	61.	3.
1595	0000	-834	37.8009	81.1645	PPNR	0.7	1.4	4.5 -	1.88	0.30	6.24	1077.	61.	5.
1596	0000	-846	37.8014	81.1645	PPNR	0.7	1.5	4.9	2.09	0.32	6.61	1172.	58.	5.
1597	0000	-843	37.8020	81.1645	PPNR	0.8	1.7	5.6	2.15	0.31	6.97	1292.	55.	6.
1598	0000	-830	37.8025	81.1644	PPNR	1.0	1.4	6.1	1.46	0.23	6.30	1412.	55.	7.
1599	0000	-819	37.8030	81.1644	PPNR	1.1	1.6	6.5	1.52	0.25	6.16	1498.	55.	8.
1600	0000	-815	37.8035	81.1642	PPNR	1.1	1.7	7.3	1.63	0.23	6.98	1555.	55.	8.
1601	0000	-813	37.8040	81.1642	PPNR	1.1	1.9	7.4	1.72	0.26	6.66	1596.	53.	8.
1602	0000	-818	37.8046	81.1642	PPNR	1.1	2.2	7.4 +	2.05	0.30	6.94	1611.	54.	7.
1603	0000	-825	37.8051	81.1640	PPNR	1.0	2.2	7.7 +	2.16	0.29	7.49	1592.	54.	7.
1604	0000	-827	37.8056	81.1640	PPNR	1.0	2.1	7.6 +	2.01	0.27	7.39	1552.	53.	6.
1605	0000	-826	37.8062	81.1639	PPNR	0.9	2.2	7.4 +	2.33	0.30	7.80	1503.	51.	5.
1606	0000	-825	37.8067	81.1639	PPNR	0.9	2.2	7.6 +	2.34	0.29	8.02 +	1485.	52.	4.
1607	0000	-824	37.8072	81.1639	PPNR	1.0	2.4 +	7.4	2.52	0.33	7.72	1496.	51.	3.
1608	0000	-822	37.8078	81.1639	PPNR	0.9	2.6 +	7.6 +	2.78 +	0.34	8.24 +	1503.	53.	2.
1609	0000	-821	37.8083	81.1640	PPNR	0.9	2.4 +	7.2	2.59 +	0.33	7.76	1510.	53.	3.
1610	0000	-822	37.8088	81.1640	PPNR	0.9	2.3 +	6.8	2.48	0.34	7.39	1493.	54.	4.
1611	0000	-819	37.8093	81.1640	PPNR	0.9	2.3 +	6.7	2.73 +	0.35	7.80	1458.	53.	3.
1612	0000	-817	37.8098	81.1640	PPNR	0.8	2.2	6.7	2.63 +	0.32	8.12 +	1407.	56.	4.
1613	0000	-804	37.8103	81.1641	PPNR	0.7	2.0	6.3	2.78 +	0.32	8.67 +	1358.	55.	5.
1614	0000	-782	37.8109	81.1642	PPNR	0.7	1.9	5.8	2.79 +	0.32	8.65 +	1331.	55.	6.
1615	0000	-790	37.8114	81.1642	PPNR	0.7	1.6	5.6	2.25	0.28	8.04 +	1307.	54.	7.
1616	0000	-819	37.8119	81.1642	PPNR	0.8	1.6	5.9	2.09	0.27	7.83	1331.	55.	7.
1617	0000	-827	37.8124	81.1642	PPNR	0.8	1.6	6.7	1.88	0.24	7.96 +	1387.	54.	6.
1618	0000	-819	37.8129	81.1642	PPNR	0.9	1.7	6.4	1.92	0.27	7.09	1435.	58.	5.
1619	0000	-818	37.8134	81.1642	PPNR	1.0	2.0	6.7	1.93	0.29	6.60	1519.	58.	4.
1620	0000	-816	37.8140	81.1643	PPNR	1.2	2.1	7.1	1.78	0.29	6.04	1609.	58.	3.
1621	0000	-815	37.8145	81.1643	PPNR	1.3 +	2.2	8.1 +	1.60	0.26	6.05	1711.	59.	2.
1622	0000	-814	37.8150	81.1644	PPNR	1.5 +	2.4 +	8.4 +	1.63	0.29	5.64	1813.	60.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1623	0000	-812	37.8156	81.1644	PPNR	1.6 ++	2.7 +	8.7 +	1.66	0.31	5.42	1902.	59.	0.
1624	0000	-810	37.8161	81.1644	PPNR	1.7 ++	2.8 ++	8.9 ++	1.65	0.32	5.14 -	1985.	61.	0.
1625	0000	-809	37.8166	81.1644	PPNR	1.9 +++	2.8 ++	9.6 ++	1.50	0.29	5.11 -	2093.	58.	0.
1626	0000	-805	37.8171	81.1644	PPNR	2.0 +++	2.8 ++	10.0 ++	1.44	0.28	5.08 -	2144.	57.	0.
1627	0000	-796	37.8176	81.1645	PPNR	1.9 +++	2.8 ++	10.1 ++	1.46	0.28	5.19 -	2136.	55.	0.
1628	0000	-784	37.8182	81.1645	PPNR	1.9 +++	2.7 +	9.7 ++	1.41	0.28	5.10 -	2085.	55.	0.
1629	0000	-767	37.8187	81.1645	PPNR	1.8 ++	2.6 +	9.6 ++	1.47	0.27	5.40 -	2029.	54.	1.
1630	0000	-754	37.8192	81.1646	PPNR	1.7 ++	2.2	9.3 ++	1.28 -	0.23	5.54	1950.	54.	2.
1631	0000	-758	37.8197	81.1646	PPNR	1.6 ++	2.1	8.6 +	1.30 -	0.24	5.38 -	1880.	54.	4.
1632	0000	-777	37.8202	81.1646	PPNR	1.5 +	1.8	8.0 +	1.19 -	0.22	5.33 -	1799.	55.	6.
1633	0000	-799	37.8207	81.1646	PPNR	1.4 +	1.6	7.8 +	1.13 -	0.21 -	5.41	1752.	57.	8.
1634	0000	-821	37.8212	81.1646	PPNR	1.4 +	1.8	7.7 +	1.29 -	0.23	5.53	1748.	59.	9.
1635	0000	-834	37.8218	81.1647	PPNR	1.3 +	1.9	7.5 +	1.47	0.26	5.74	1743.	60.	10.
1636	0000	-834	37.8223	81.1647	PPNR	1.3 +	1.9	7.3	1.50	0.26	5.72	1741.	60.	11.
1637	0000	-832	37.8229	81.1647	PPNR	1.2	2.1	7.3	1.76	0.29	6.01	1705.	60.	9.
1638	0000	-832	37.8234	81.1648	PPNR	1.1	2.1	7.1	1.83	0.30	6.19	1659.	57.	9.
1639	0000	-833	37.8239	81.1648	PPNR	1.1	2.2	7.1	2.09	0.32	6.63	1611.	56.	7.
1640	0000	-830	37.8244	81.1649	PPNR	1.0	2.2	6.8	2.19	0.32	6.90	1535.	54.	7.
1641	0000	-822	37.8249	81.1649	PPNR	0.9	2.0	6.3	2.16	0.32	6.78	1455.	52.	6.
1642	0000	-817	37.8254	81.1649	PPNR	0.9	1.8	6.0	1.98	0.30	6.56	1388.	52.	6.
1643	0000	-814	37.8260	81.1650	PPNR	0.9	1.7	5.9	1.94	0.30	6.58	1347.	52.	6.
1644	0000	-813	37.8265	81.1650	PPNR	0.9	1.6	5.9	1.74	0.28	6.26	1358.	51.	6.
1645	0000	-812	37.8270	81.1650	PPNR	0.9	1.6	6.1	1.70	0.26	6.51	1353.	52.	5.
1646	0000	-810	37.8275	81.1650	PPNR	0.9	1.8	5.5	1.92	0.32	6.00	1346.	52.	5.
1647	0000	-809	37.8280	81.1650	PPNR	0.9	1.8	5.5	1.91	0.33	5.82	1361.	54.	5.
1648	0000	-810	37.8285	81.1651	PPNR	1.0	1.8	5.4	1.88	0.33	5.61	1366.	56.	5.
1649	0000	-810	37.8291	81.1651	PPNR	0.9	2.0	5.2	2.11	0.38 +	5.51	1372.	54.	4.
1650	0000	-809	37.8296	81.1651	PPNR	0.9	2.0	5.7	2.10	0.35	6.04	1374.	54.	3.
1651	0000	-809	37.8302	81.1652	PPNR	0.9	2.0	5.7	2.33	0.35	6.59	1352.	55.	2.
1652	0000	-807	37.8307	81.1652	PPNR	0.8	2.0	5.3	2.32	0.37	6.22	1321.	56.	2.
1653	0000	-806	37.8312	81.1652	PPNR	0.8	1.8	5.6	2.19	0.32	6.95	1279.	57.	1.
1654	0000	-805	37.8317	81.1652	PPNR	0.7	1.8	5.1	2.53	0.35	7.16	1212.	57.	1.
1655	0000	-805	37.8322	81.1652	PPNR	0.7	1.7	5.2	2.65 +	0.34	7.90	1167.	57.	1.
1656	0000	-803	37.8327	81.1653	PPNR	0.6	1.6	5.2	2.49	0.31	8.07 +	1130.	56.	1.
1657	0000	-803	37.8332	81.1653	PPNR	0.6 -	1.6	4.5 -	2.61 +	0.35	7.40	1063.	57.	1.
1658	0000	-802	37.8338	81.1653	PPNR	0.6 -	1.4	4.0 -	2.24	0.35	6.39	1001.	58.	1.
1659	0000	-802	37.8343	81.1654	PPNR	0.6 -	1.5	4.0 -	2.68 +	0.38 +	7.10	965.	57.	1.
1660	0000	-801	37.8348	81.1654	PPNR	0.5 -	1.7	3.8 -	3.05 +	0.44 +	6.99	951.	54.	1.
1661	0000	-801	37.8353	81.1655	PPNR	0.5 -	1.8	4.0 -	3.31 +	0.44 +	7.51	967.	52.	0.
1662	0000	-800	37.8358	81.1655	PPNR	0.6 -	1.7	4.0 -	2.97 +	0.42 +	7.14	960.	52.	0.
1663	0000	-801	37.8364	81.1655	PPNR	0.6 -	1.7	3.7 -	2.96 +	0.46 +	6.48	956.	53.	0.
1664	0000	-799	37.8369	81.1656	PPNR	0.5 -	1.7	3.6 -	3.21 +	0.48 +	6.68	970.	53.	0.
1665	0000	-797	37.8374	81.1656	PPNR	0.5 -	1.9	3.9 -	4.23 ++	0.49 +	8.65 +	973.	53.	0.
1666	0000	-797	37.8379	81.1656	PPNR	0.4 -	1.9	3.7 -	4.32 ++	0.52 ++	8.30 +	973.	53.	0.
1667	0000	-796	37.8385	81.1656	PPNR	0.5 -	1.8	3.5 -	3.88 ++	0.51 ++	7.60	969.	55.	0.
1668	0000	-795	37.8390	81.1656	PPNR	0.5 -	1.6	3.7 -	3.14 +	0.43 +	7.30	998.	53.	0.
1669	0000	-794	37.8395	81.1657	PPNR	0.5 -	1.8	3.9 -	3.51 +	0.46 +	7.65	1024.	53.	0.
1670	0000	-794	37.8400	81.1657	PPNR	0.5 -	1.8	4.2 -	3.65 ++	0.43 +	8.46 +	1022.	51.	0.
1671	0000	-794	37.8405	81.1657	PPNR	0.5 -	1.7	4.0 -	3.56 +	0.44 +	8.17 +	1000.	52.	0.
1672	0000	-792	37.8410	81.1658	PPNR	0.5 -	1.9	3.9 -	3.76 ++	0.47 +	7.98 +	986.	51.	0.
1673	0000	-790	37.8416	81.1658	PPNR	0.5 -	1.8	4.3 -	3.52 +	0.42 +	8.31 +	987.	51.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1674	0000	-791	37.8421	81.1658	PPNR	0.5 -	1.8	4.5 -	3.41 +	0.39 +	8.71 +	995.	50.	0.
1675	0000	-790	37.8426	81.1658	PPNR	0.5 -	2.0	4.1 -	3.92 ++	0.49 +	7.93 +	991.	54.	0.
1676	0000	-789	37.8431	81.1658	PPNR	0.6 -	1.9	4.4 -	3.35 +	0.42 +	7.91	1029.	53.	0.
1677	0000	-788	37.8437	81.1659	PPNR	0.7	1.9	4.7	2.95 +	0.41 +	7.15	1122.	55.	0.
1678	0000	-787	37.8442	81.1659	PPNR	0.8	2.2	5.3	2.96 +	0.42 +	7.00	1246.	55.	0.
1679	0000	-786	37.8447	81.1660	PPNR	0.9	2.4 +	5.5	2.52	0.43 +	5.81	1388.	55.	0.
1680	0000	-786	37.8452	81.1660	PPNR	1.1	2.3	5.7	2.05	0.40 +	5.13 -	1488.	54.	1.
1681	0000	-785	37.8458	81.1660	PPNR	1.1	2.4 +	5.9	2.08	0.40 +	5.16 -	1551.	54.	1.
1682	0000	-785	37.8463	81.1661	PPNR	1.2	2.2	6.1	1.88	0.36	5.26 -	1580.	53.	2.
1683	0000	-784	37.8468	81.1661	PPNR	1.2	2.3 +	5.8	1.95	0.40 +	4.91 -	1579.	56.	3.
1684	0000	-782	37.8473	81.1661	PPNR	1.1	2.2	5.7	1.96	0.38 +	5.14 -	1532.	55.	3.
1685	0000	-781	37.8478	81.1662	PPNR	1.1	1.7	5.5	1.58	0.31	5.09 -	1460.	54.	5.
1686	0000	-782	37.8483	81.1662	PPNR	1.0	1.5	5.6	1.44	0.26	5.57	1385.	54.	5.
1687	0000	-780	37.8488	81.1662	PPNR	0.9	1.4	5.5	1.50	0.25	5.96	1349.	55.	5.
1688	0000	-780	37.8494	81.1662	PPNR	1.0	1.4	5.5	1.41	0.26	5.38 -	1389.	56.	6.
1689	0000	-781	37.8499	81.1662	PPNR	1.1	1.5	6.0	1.35	0.25	5.47	1447.	54.	5.
1690	0000	-778	37.8504	81.1663	PPNR	1.1	1.4	6.4	1.25 -	0.22	5.68	1502.	53.	4.
1691	0000	-777	37.8510	81.1663	PPNR	1.1	1.5	7.0	1.30 -	0.21	6.11	1541.	52.	4.
1692	0000	-778	37.8515	81.1664	PPNR	1.1	1.5	7.4 +	1.40	0.21 -	6.74	1564.	52.	3.
1693	0000	-777	37.8520	81.1664	PPNR	1.1	1.5	7.5 +	1.43	0.21 -	6.99	1564.	52.	2.
1694	0000	-776	37.8525	81.1664	PPNR	1.0	1.8	7.7 +	1.71	0.23	7.46	1551.	53.	2.
1695	0000	-775	37.8530	81.1664	PPNR	0.9	1.7	7.7 +	1.87	0.22	8.35 +	1502.	51.	1.
1696	0000	-774	37.8535	81.1664	PPNR	0.8	1.8	7.4	2.16	0.24	9.05 +	1449.	51.	1.
1697	0000	-775	37.8541	81.1664	PPNR	0.8	1.7	7.3	2.15	0.24	9.08 +	1413.	54.	1.
1698	0000	-774	37.8546	81.1665	PPNR	0.9	1.6	7.1	1.90	0.23	8.24 +	1399.	54.	1.
1699	0000	-773	37.8551	81.1665	PPNR	0.9	1.8	6.8	2.00	0.27	7.35	1444.	56.	1.
1700	0000	-772	37.8556	81.1666	PPNR	1.1	1.9	6.9	1.85	0.28	6.53	1521.	57.	2.
1701	0000	-772	37.8561	81.1666	PPNR	1.2	2.0	6.9	1.73	0.29	6.00	1590.	56.	3.
1702	0000	-772	37.8567	81.1666	PPNR	1.2	1.9	7.1	1.56	0.27	5.84	1616.	56.	4.
1703	0000	-772	37.8572	81.1667	PPNR	1.2	1.9	6.8	1.57	0.28	5.53	1604.	57.	5.
1704	0000	-771	37.8577	81.1667	PPNR	1.2	1.9	6.3	1.58	0.30	5.28 -	1566.	56.	5.
1705	0000	-771	37.8583	81.1668	PPNR	1.2	1.8	5.8	1.59	0.32	5.00 -	1514.	56.	7.
1706	0000	-770	37.8588	81.1668	PPNR	1.1	1.7	5.5	1.57	0.31	5.02 -	1428.	53.	7.
1707	0000	-770	37.8593	81.1668	PPNR	0.9	1.5	5.2	1.58	0.29	5.46	1321.	51.	6.
1708	0000	-769	37.8598	81.1668	PPNR	0.8	1.3	5.0	1.60	0.26	6.12	1208.	53.	5.
1709	0000	-769	37.8603	81.1668	PPNR	0.8	1.2	4.8	1.61	0.25	6.35	1160.	54.	4.
1710	0000	-771	37.8609	81.1668	PPNR	0.7	1.2	5.0	1.67	0.24	6.92	1150.	52.	3.
1711	0000	-771	37.8614	81.1669	PPNR	0.7	1.4	5.1	2.00	0.28	7.10	1172.	52.	2.
1712	0000	-772	37.8619	81.1669	PPNR	0.7	1.6	5.5	2.19	0.29	7.60	1198.	51.	1.
1713	0000	-772	37.8624	81.1670	PPNR	0.7	1.6	5.5	2.22	0.30	7.40	1226.	51.	0.
1714	0000	-772	37.8629	81.1670	PPNR	0.8	1.7	5.4	2.29	0.32	7.16	1241.	53.	0.
1715	0000	-772	37.8634	81.1670	PPNR	0.8	1.7	5.7	2.06	0.30	6.97	1268.	52.	1.
1716	0000	-774	37.8639	81.1670	PPNR	0.8	1.8	5.5	2.24	0.33	6.80	1262.	54.	2.
1717	0000	-774	37.8645	81.1670	PPNR	0.8	1.6	5.3	1.93	0.30	6.39	1258.	54.	3.
1718	0000	-774	37.8650	81.1672	PPNR	0.8	1.5	5.2	1.88	0.30	6.34	1242.	54.	4.
1719	0000	-773	37.8656	81.1672	PPNR	0.8	1.6	5.0	1.96	0.33	5.95	1264.	55.	4.
1720	0000	-773	37.8661	81.1672	PPNR	0.9	1.4	5.3	1.61	0.27	6.05	1277.	57.	5.
1721	0000	-774	37.8666	81.1672	PPNR	0.9	1.5	5.6	1.58	0.26	6.06	1344.	57.	5.
1722	0000	-774	37.8671	81.1672	PPNR	0.9	1.7	5.8	1.91	0.30	6.34	1410.	54.	5.
1723	0000	-775	37.8676	81.1672	PPNR	1.0	1.7	6.1	1.77	0.28	6.25	1460.	53.	5.
1724	0000	-775	37.8681	81.1673	PPNR	1.0	2.1	6.4	2.11	0.33	6.30	1496.	52.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1725	0000	-774	37.8687	81.1673	PPNR	1.0	2.1	6.7	2.10	0.32	6.65	1514.	51.	3.
1726	0000	-773	37.8692	81.1674	PPNR	1.0	1.9	7.4 +	1.87	0.26	7.19	1518.	51.	2.
1727	0000	-775	37.8697	81.1674	PPNR	1.0	1.9	7.4 +	1.85	0.26	7.15	1514.	50.	2.
1728	0000	-774	37.8702	81.1674	PPNR	1.0	1.9	7.2	1.90	0.26	7.30	1452.	50.	2.
1729	0000	-774	37.8707	81.1674	PPNR	1.0	1.8	6.5	1.77	0.27	6.53	1388.	53.	2.
1730	0000	-773	37.8712	81.1674	PPNR	0.9	1.8	6.4	1.90	0.28	6.84	1354.	53.	1.
1731	0000	-775	37.8718	81.1675	PPNR	0.9	1.5	6.4	1.67	0.24	6.99	1335.	54.	2.
1732	0000	-776	37.8723	81.1675	PPNR	1.0	1.4	6.3	1.48	0.22	6.60	1331.	55.	3.
1733	0000	-776	37.8728	81.1675	PPNR	0.9	1.4	5.7	1.49	0.24	6.31	1310.	55.	4.
1734	0000	-776	37.8734	81.1676	PPNR	0.8	1.5	5.7	1.83	0.26	6.95	1278.	55.	4.
1735	0000	-778	37.8739	81.1676	PPNR	0.8	1.5	5.3	1.94	0.29	6.81	1249.	53.	5.
1736	0000	-778	37.8744	81.1676	PPNR	0.7	1.5	5.5	2.05	0.27	7.58	1233.	56.	7.
1737	0000	-779	37.8749	81.1676	PPNR	0.7	1.3	5.1	1.89	0.26	7.18	1194.	59.	8.
1738	0000	-780	37.8754	81.1676	PPNR	0.7	1.3	5.0	1.91	0.26	7.43	1152.	58.	8.
1739	0000	-781	37.8759	81.1677	PPNR	0.6 -	1.4	4.9	2.24	0.28	8.07 +	1118.	58.	7.
1740	0000	-780	37.8765	81.1677	PPNR	0.6 -	1.5	4.8	2.45	0.31	7.89	1090.	58.	6.
1741	0000	-781	37.8770	81.1677	PPNR	0.6	1.5	4.7	2.43	0.33	7.42	1102.	57.	5.
1742	0000	-782	37.8775	81.1678	PPNR	0.6	1.6	4.8	2.52	0.33	7.61	1112.	57.	4.
1743	0000	-782	37.8780	81.1678	PPNR	0.7	1.4	5.4	2.18	0.27	8.09 +	1124.	53.	3.
1744	0000	-783	37.8785	81.1678	PPNR	0.7	1.6	5.6	2.32	0.28	8.27 +	1147.	51.	1.
1745	0000	-783	37.8790	81.1678	PPNR	0.7	1.8	5.9	2.69 +	0.30	8.8 +	1163.	51.	1.
1746	0000	-784	37.8795	81.1678	PPNR	0.7	1.8	6.1	2.61 +	0.30	8.73 +	1174.	50.	0.
1747	0000	-785	37.8801	81.1680	PPNR	0.7	1.9	6.5	2.62 +	0.29	9.15 +	1207.	48.	0.
1748	0000	-785	37.8807	81.1680	PPNR	0.7	2.1	6.6	2.83 +	0.32	8.98 +	1222.	48.	0.
1749	0000	-785	37.8812	81.1680	PPNR	0.7	2.3 +	6.6	3.13 +	0.34	9.08 +	1263.	49.	1.
1750	0000	-787	37.8817	81.1680	PPNR	0.8	2.4 +	6.2	3.24 +	0.39 +	8.29 +	1284.	50.	2.
1751	0000	-788	37.8822	81.1680	PPNR	0.8	2.2	6.4	2.73 +	0.34	8.09 +	1298.	50.	3.
1752	0000	-789	37.8827	81.1681	PPNR	0.8	1.9	6.6	2.23	0.29	7.78	1334.	52.	4.
1753	0000	-789	37.8832	81.1681	PPNR	0.9	1.8	6.7	2.00	0.26	7.58	1362.	52.	5.
1754	0000	-789	37.8837	81.1681	PPNR	0.8	1.8	6.7	2.21	0.27	8.07 +	1361.	51.	5.
1755	0000	-790	37.8843	81.1682	PPNR	0.8	1.4	6.5	1.75	0.22	8.03 +	1339.	52.	6.
1756	0000	-792	37.8848	81.1682	PPNR	0.8	1.2	7.0	1.52	0.18 -	8.57 +	1340.	52.	5.
1757	0000	-791	37.8853	81.1682	PPNR	0.9	1.3	7.0	1.45	0.18 -	8.11 +	1373.	51.	5.
1758	0000	-792	37.8858	81.1682	PPNR	0.9	1.4	7.2	1.63	0.20 -	8.23 +	1411.	51.	4.
1759	0000	-792	37.8863	81.1682	PPNR	0.9	1.6	7.1	1.78	0.23	7.79	1432.	50.	4.
1760	0000	-793	37.8869	81.1684	PPNR	0.9	1.7	7.2	1.97	0.24	8.18 +	1449.	52.	3.
1761	0000	-796	37.8874	81.1684	PPNR	1.0	1.8	7.2	1.83	0.25	7.17	1501.	52.	3.
1762	0000	-796	37.8879	81.1684	PPNR	1.0	2.1	7.7 +	2.01	0.27	7.33	1562.	52.	2.
1763	0000	-796	37.8885	81.1684	PPNR	1.1	2.2	7.6 +	2.00	0.29	6.83	1590.	52.	2.
1764	0000	-796	37.8890	81.1684	PPNR	1.0	2.3 +	7.8 +	2.21	0.29	7.56	1567.	54.	1.
1765	0000	-795	37.8895	81.1685	PPNR	1.0	2.6 +	7.6 +	2.57 +	0.35	7.41	1538.	53.	1.
1766	0000	-788	37.8900	81.1685	PPNR	1.0	2.8 +	7.3	2.81 +	0.39 +	7.29	1514.	53.	0.
1767	0000	-783	37.8905	81.1685	PPNR	1.0	3.1 ++	6.6	3.08 +	0.47 +	6.59	1515.	50.	0.
1768	0000	-788	37.8910	81.1686	PPNR	1.0	2.9 ++	6.7	2.87 +	0.43 +	6.71	1480.	51.	0.
1769	0000	-801	37.8915	81.1686	PPNR	1.0	2.8 ++	6.2	2.75 +	0.45 +	6.09	1473.	50.	0.
1770	0000	-808	37.8921	81.1686	PPNR	1.0	2.8 +	6.3	2.77 +	0.44 +	6.27	1475.	49.	0.
1771	0000	-799	37.8926	81.1686	PPNR	1.1	2.7 +	5.9	2.48	0.46 +	5.36 -	1508.	47.	1.
1772	0000	-796	37.8931	81.1686	PPNR	1.1	2.4 +	6.4	2.18	0.37	5.89	1548.	47.	3.
1773	0000	-809	37.8936	81.1687	PPNR	1.2	2.2	6.8	1.90	0.32	5.93	1583.	48.	5.
1774	0000	-815	37.8941	81.1687	PPNR	1.2	1.9	7.2	1.58	0.26	6.03	1607.	49.	7.
1775	0000	-812	37.8947	81.1687	PPNR	1.2	2.0	7.2	1.70	0.28	6.08	1649.	49.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1776	0000	-814	37.8952	81.1687	PPNR	1.2	2.0	7.4 +	1.77	0.28	6.37	1668.	49.	10.
1777	0000	-816	37.8957	81.1686	PPNR	1.1	1.8	7.4 +	1.53	0.24	6.45	1668.	51.	11.
1778	0000	-815	37.8963	81.1686	PPNR	1.1	1.7	7.6 +	1.50	0.22	6.68	1639.	52.	11.
1779	0000	-818	37.8969	81.1686	PPNR	1.1	1.9	7.0	1.68	0.27	6.15	1622.	51.	10.
1780	0000	-820	37.8974	81.1686	PPNR	1.1	1.9	6.9	1.84	0.28	6.51	1599.	50.	9.
1781	0000	-821	37.8979	81.1685	PPNR	1.0	2.0	7.0	2.03	0.28	7.04	1544.	50.	8.
1782	0000	-822	37.8984	81.1685	PPNR	0.9	2.0	6.7	2.26	0.29	7.73	1465.	52.	6.
1783	0000	-821	37.8989	81.1684	PPNR	0.8	1.9	6.4	2.33	0.29	7.99 +	1377.	53.	5.
1784	0000	-822	37.8995	81.1684	PPNR	0.8	2.0	6.0	2.58 +	0.33	7.81	1308.	52.	3.
1785	0000	-822	37.9000	81.1684	PPNR	0.7	1.9	5.8	2.69 +	0.32	8.29 +	1272.	49.	3.
1786	0000	-821	37.9006	81.1684	PPNR	0.7	1.8	5.7	2.68 +	0.33	8.23 +	1231.	50.	2.
1787	0000	-821	37.9011	81.1683	PPNR	0.7	1.7	5.4	2.54	0.32	8.04 +	1198.	49.	2.
1788	0000	-823	37.9016	81.1683	PPNR	0.7	1.8	5.0	2.68 +	0.37	7.20	1196.	50.	2.
1789	0000	-823	37.9021	81.1682	PPNR	0.7	1.7	4.9	2.44	0.35	6.95	1200.	49.	3.
1790	0000	-824	37.9027	81.1682	PPNR	0.7	1.6	5.4	2.17	0.30	7.27	1230.	46.	3.
1791	0000	-824	37.9032	81.1681	PPNR	0.8	1.6	5.3	2.05	0.30	6.82	1241.	46.	3.
1792	0000	-825	37.9037	81.1681	PPNR	0.8	1.7	5.6	2.20	0.30	7.29	1236.	48.	2.
1793	0000	-825	37.9042	81.1681	PPNR	0.7	1.6	5.5	2.24	0.30	7.48	1217.	48.	3.
1794	0000	-825	37.9048	81.1681	PPNR	0.7	1.7	5.4	2.36	0.32	7.38	1196.	51.	2.
1795	0000	-825	37.9053	81.1680	PPNR	0.7	1.4	5.8	1.89	0.24	7.84	1189.	52.	2.
1796	0000	-826	37.9059	81.1680	PPNR	0.8	1.6	5.9	2.07	0.27	7.62	1221.	51.	1.
1797	0000	-826	37.9064	81.1679	PPNR	0.8	1.7	5.9	2.22	0.29	7.53	1245.	52.	1.
1798	0000	-827	37.9069	81.1679	PPNR	0.8	1.9	6.0	2.30	0.31	7.34	1281.	53.	0.
1799	0000	-829	37.9075	81.1678	PPNR	0.9	1.9	6.1	2.14	0.31	6.87	1329.	51.	0.
1800	0000	-828	37.9080	81.1678	PPNR	1.0	2.2	6.5	2.17	0.33	6.57	1425.	50.	0.
1801	0000	-828	37.9086	81.1678	PPNR	1.1	2.1	7.3	1.94	0.29	6.75	1525.	46.	0.
1802	0000	-829	37.9091	81.1678	PPNR	1.1	2.5 +	7.3	2.20	0.34	6.48	1597.	46.	0.
1803	0000	-832	37.9096	81.1677	PPNR	1.2	2.3 +	7.1	1.97	0.33	5.96	1617.	45.	1.
1804	0000	-835	37.9102	81.1677	PPNR	1.2	2.5 +	7.3	2.09	0.34	6.10	1617.	47.	1.
1805	0000	-835	37.9107	81.1676	PPNR	1.1	2.3 +	7.2	2.06	0.33	6.30	1579.	47.	1.
1806	0000	-833	37.9112	81.1676	PPNR	1.1	2.3 +	7.1	2.20	0.33	6.69	1541.	46.	2.
1807	0000	-832	37.9117	81.1676	PPNR	1.0	2.1	6.7	2.14	0.31	6.96	1454.	48.	2.
1808	0000	-833	37.9123	81.1676	PPNR	0.9	2.0	6.1	2.25	0.32	7.06	1360.	47.	2.
1809	0000	-833	37.9128	81.1675	PPNR	0.8	1.7	6.2	2.15	0.28	7.66	1282.	46.	2.
1810	0000	-833	37.9133	81.1675	PPNR	0.7	1.5	6.6	2.17	0.23 -	9.29 +	1242.	46.	2.
1811	0000	-834	37.9138	81.1674	PPNR	0.7	1.4	5.9	1.95	0.23	8.38 +	1207.	46.	2.
1812	0000	-834	37.9144	81.1674	PPNR	0.7	1.6	5.9	2.29	0.27	8.50 +	1217.	45.	2.
1813	0000	-836	37.9149	81.1674	PPNR	0.7	1.6	5.8	2.14	0.28	7.68	1228.	47.	1.
1814	0000	-837	37.9154	81.1674	PPNR	0.7	1.7	6.1	2.23	0.27	8.11 +	1250.	45.	1.
1815	0000	-836	37.9160	81.1673	PPNR	0.8	1.9	6.3	2.41	0.30	7.99 +	1303.	48.	1.
1816	0000	-836	37.9165	81.1673	PPNR	0.9	2.0	6.0	2.26	0.33	6.79	1382.	48.	1.
1817	0000	-838	37.9171	81.1673	PPNR	0.9	2.3 +	5.9	2.49	0.39 +	6.32	1446.	48.	1.
1818	0000	-838	37.9176	81.1673	PPNR	1.0	2.3 +	6.6	2.30	0.34	6.68	1494.	46.	2.
1819	0000	-837	37.9181	81.1672	PPNR	1.0	2.4 +	6.8	2.45	0.36	6.89	1522.	47.	2.
1820	0000	-836	37.9187	81.1672	PPNR	1.0	2.5 +	6.9	2.62 +	0.37	7.08	1550.	49.	2.
1821	0000	-835	37.9192	81.1671	PPNR	1.0	2.5 +	7.1	2.55	0.35	7.19	1583.	52.	3.
1822	0000	-836	37.9197	81.1671	PPNR	1.0	2.3 +	7.2	2.35	0.32	7.29	1593.	51.	3.
1823	0000	-836	37.9202	81.1670	PPNR	0.9	2.2	7.2	2.40	0.31	7.71	1551.	51.	3.
1824	0000	-836	37.9208	81.1670	PPNR	0.9	2.2	7.2	2.41	0.31	7.88	1502.	53.	3.
1825	0000	-835	37.9213	81.1669	PPNR	0.9	2.3 +	6.7	2.67 +	0.34	7.77	1487.	54.	2.
1826	0000	-835	37.9219	81.1669	PPNR	0.9	2.2	6.5	2.50	0.33	7.58	1467.	53.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1827	0000	-833	37.9224	81.1669	PPNR	0.8	2.0	6.4	2.32	0.31	7.56	1421.	53.	3.
1828	0000	-832	37.9229	81.1669	PPNR	0.8	1.9	6.0	2.22	0.31	7.20	1375.	51.	3.
1829	0000	-832	37.9234	81.1668	PPNR	0.8	1.9	5.6	2.33	0.34	6.92	1330.	52.	4.
1830	0000	-833	37.9240	81.1667	PPNR	0.8	1.8	5.8	2.20	0.31	7.04	1338.	52.	5.
1831	0000	-834	37.9245	81.1668	PPNR	0.8	1.7	5.7	2.07	0.29	7.19	1344.	50.	6.
1832	0000	-834	37.9250	81.1667	PPNR	0.8	1.5	5.9	1.81	0.25	7.13	1339.	52.	8.
1833	0000	-835	37.9256	81.1667	PPNR	0.9	1.3	6.3	1.48	0.20 -	7.36	1364.	53.	9.
1834	0000	-836	37.9261	81.1666	PPNR	0.9	1.1 -	6.4	1.28 -	0.18 -	7.23	1390.	52.	11.
1835	0000	-836	37.9266	81.1666	PPNR	0.9	1.2	6.6	1.34	0.18 -	7.30	1415.	51.	11.
1836	0000	-835	37.9272	81.1665	PPNR	0.9	1.2	6.9	1.29 -	0.18 -	7.37	1419.	52.	11.
1837	0000	-836	37.9277	81.1665	PPNR	0.9	1.2	6.8	1.25 -	0.17 -	7.19	1388.	52.	10.
1838	0000	-836	37.9282	81.1664	PPNR	0.9	1.1 -	6.3	1.22 -	0.18 -	6.76	1331.	53.	10.
1839	0000	-835	37.9287	81.1664	PPNR	0.9	1.1 -	6.0	1.28 -	0.19 -	6.89	1272.	49.	8.
1840	0000	-834	37.9293	81.1664	PPNR	0.8	1.0 -	5.3	1.25 -	0.19 -	6.57	1179.	49.	8.
1841	0000	-834	37.9298	81.1664	PPNR	0.7	1.1 -	4.9	1.54	0.23	6.66	1110.	48.	6.
1842	0000	-833	37.9304	81.1663	PPNR	0.7	1.0 -	4.3 -	1.50	0.24	6.30	1036.	49.	6.
1843	0000	-832	37.9309	81.1663	PPNR	0.6 -	0.9 -	4.1 -	1.56	0.23	6.88	986.	46.	6.
1844	0000	-832	37.9315	81.1662	PPNR	0.5 -	0.8 -	4.1 -	1.42	0.19 -	7.58	941.	46.	7.
1845	0000	-833	37.9320	81.1662	PPNR	0.5 -	0.8 -	4.3 -	1.40	0.18 -	7.80	948.	44.	7.
1846	0000	-832	37.9325	81.1662	PPNR	0.5 -	0.8 -	4.3 -	1.52	0.18 -	8.28 +	932.	47.	8.
1847	0000	-832	37.9330	81.1662	PPNR	0.5 -	0.7 -	4.1 -	1.42	0.18 -	8.08 +	929.	49.	9.
1848	0000	-831	37.9336	81.1661	PPNR	0.5 -	0.6 --	4.6	1.17 -	0.12 --	9.67 ++	944.	48.	10.
1849	0000	-831	37.9341	81.1661	PPNR	0.5 -	0.5 --	4.9	1.06 -	0.10 ---	10.25 ++	971.	49.	11.
1850	0000	-829	37.9346	81.1660	PPNR	0.5 -	0.7 -	4.6	1.46	0.15 --	9.49 +	1001.	51.	12.
1851	0000	-828	37.9352	81.1660	PPNR	0.5 -	0.9 -	4.6	1.90	0.19 -	9.80 ++	1042.	52.	12.
1852	0000	-829	37.9357	81.1659	PPNR	0.5 -	0.8 -	4.9	1.43	0.16 --	9.16 +	1067.	53.	12.
1853	0000	-828	37.9362	81.1659	PPNR	0.6	1.0 -	4.9	1.53	0.20 -	7.78	1159.	52.	12.
1854	0000	-826	37.9367	81.1659	PPNR	0.8	1.1 -	5.5	1.44	0.21 -	7.01	1251.	50.	12.
1855	0000	-825	37.9373	81.1659	PPNR	0.9	1.1 -	5.3	1.26 -	0.21 -	5.97	1324.	51.	12.
1856	0000	-825	37.9378	81.1658	PPNR	1.0	1.3	5.4	1.33	0.24	5.50	1393.	52.	11.
1857	0000	-823	37.9383	81.1658	PPNR	1.1	1.4	5.8	1.26 -	0.24	5.36 -	1457.	52.	9.
1858	0000	-822	37.9389	81.1657	PPNR	1.2	1.5	5.9	1.32 -	0.26	5.07 -	1516.	50.	8.
18[illegible]	0000	-823	37.9394	81.1657	PPNR	1.2	1.8	5.9	1.55	0.31	5.05 -	1569.	50.	6.
18[illegible]	0000	-825	37.9399	81.1657	PPNR	1.2	1.7	6.0	1.41	0.27	5.12 -	1577.	51.	5.
1861	0000	-825	37.9405	81.1657	PPNR	1.2	1.7	6.3	1.44	0.27	5.43	1576.	54.	3.
1862	0000	-824	37.9410	81.1656	PPNR	1.1	1.9	6.5	1.72	0.29	5.84	1568.	53.	2.
1863	0000	-823	37.9415	81.1656	PPNR	1.1	1.9	7.0	1.76	0.27	6.54	1565.	50.	1.
1864	0000	-823	37.9421	81.1656	PPNR	1.1	1.9	6.9	1.84	0.28	6.57	1554.	50.	1.
1865	0000	-822	37.9426	81.1656	PPNR	1.0	1.9	7.0	1.77	0.26	6.69	1542.	54.	0.
1866	0000	-819	37.9432	81.1655	PPNR	1.1	1.8	7.4 +	1.69	0.24	6.99	1549.	54.	0.
1867	0000	-818	37.9437	81.1655	PPNR	1.0	2.0	7.7 +	1.96	0.26	7.58	1556.	51.	0.
1868	0000	-817	37.9442	81.1654	PPNR	1.0	2.2	7.8 +	2.22	0.28	8.02 +	1570.	49.	1.
1869	0000	-815	37.9448	81.1654	PPNR	1.0	2.1	7.8 +	2.09	0.27	7.79	1580.	49.	1.
1870	0000	-813	37.9453	81.1653	PPNR	1.0	2.2	7.8 +	2.13	0.27	7.76	1609.	52.	1.
1871	0000	-813	37.9458	81.1653	PPNR	1.0	2.2	8.0 +	2.11	0.27	7.67	1618.	52.	1.
1872	0000	-812	37.9463	81.1652	PPNR	1.1	2.2	8.4 +	2.10	0.27	7.86	1638.	51.	2.
1873	0000	-809	37.9469	81.1652	PPNR	1.0	2.3 +	8.3 +	2.21	0.28	7.92	1623.	51.	2.
1874	0000	-807	37.9474	81.1652	PPNR	1.0	2.3 +	8.1 +	2.23	0.29	7.80	1620.	51.	2.
1875	0000	-806	37.9479	81.1652	PPNR	1.1	2.3 +	7.9 +	2.16	0.29	7.41	1616.	49.	1.
1876	0000	-802	37.9485	81.1651	PPNR	1.1	2.3 +	7.6 +	2.10	0.30	7.08	1634.	49.	1.
1877	0000	-800	37.9490	81.1651	PPNR	1.1	2.4 +	7.4 +	2.21	0.33	6.79	1624.	48.	1.

CP9 1P12

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1878	0000	-803	37.9495	81.1651	PPNR	1.1	2.4 +	7.3	2.18	0.33	6.67	1628.	48.	1.
1879	0000	-804	37.9500	81.1651	PPNR	1.1	2.6 +	6.7	2.36	0.39 +	6.10	1616.	46.	1.
1880	0000	-801	37.9506	81.1650	PPNR	1.1	2.5 +	6.2	2.25	0.41 +	5.5[illegible]	1614.	45.	0.
1881	0000	-798	37.9511	81.1650	PPNR	1.1	2.6 +	5.9	2.27	0.44 +	5.18 -	1597.	47.	0.
1882	0000	-794	37.9517	81.1649	PPNR	1.1	2.5 +	5.8	2.28	0.44 +	5.22 -	1589.	47.	1.
1883	0000	-791	37.9522	81.1649	PPNR	1.1	2.5 +	6.2	2.24	0.40 +	5.54	1573.	48.	1.
1884	0000	-790	37.9527	81.1649	PPNR	1.1	2.4 +	6.1	2.19	0.40 +	5.50	1561.	47.	1.
1885	0000	-791	37.9533	81.1649	PPNR	1.1	2.3 +	6.2	2.06	0.37	5.56	1560.	47.	1.
1886	0000	-790	37.9538	81.1647	PPNR	1.1	1.9	6.7	1.81	0.29	6.18	1556.	46.	2.
1887	0000	-786	37.9544	81.1647	PPNR	1.0	2.1	7.2	2.05	0.30	6.86	1586.	46.	2.
1888	0000	-779	37.9549	81.1647	PPNR	1.1	2.0	7.8 +	1.87	0.26	7.31	1608.	46.	2.
1889	0000	-781	37.9555	81.1647	PPNR	1.1	2.1	7.9 +	1.95	0.27	7.24	1637.	47.	3.
1890	0000	-790	37.9560	81.1646	PPNR	1.1	2.3 +	7.9 +	2.14	0.29	7.26	1663.	47.	3.
1891	0000	-792	37.9565	81.1646	PPNR	1.1	2.3	8.0 +	1.98	0.28	7.03	1698.	46.	4.
1892	0000	-787	37.9570	81.1646	PPNR	1.1	2.3 +	8.3 +	2.02	0.28	7.23	1719.	48.	3.
1893	0000	-782	37.9576	81.1646	PPNR	1.2	2.5 +	8.1 +	2.04	0.31	6.63	1751.	49.	3.
1894	0000	-779	37.9581	81.1646	PPNR	1.3 +	2.4 +	7.8 +	1.85	0.31	6.02	1754.	51.	3.
1895	0000	-777	37.9587	81.1645	PPNR	1.3 +	2.6 +	7.2	1.94	0.36	5.46	1767.	52.	4.
1896	0000	-780	37.9592	81.1645	PPNR	1.4 +	2.7 +	7.7 +	1.97	0.35	5.58	1787.	51.	3.
1897	0000	-781	37.9598	81.1644	PPNR	1.5 +	2.7 +	7.7 +	1.85	0.35	5.30 -	1820.	50.	3.
1898	0000	-780	37.9603	81.1644	PPNR	1.5 +	2.6 +	7.6 +	1.78	0.34	5.19 -	1821.	51.	3.
1899	0000	-779	37.9608	81.1644	PPNR	1.5 +	2.6 +	7.1	1.77	0.37	4.82 -	1810.	52.	4.
1900	0000	-777	37.9613	81.1644	PPNR	1.4 +	2.7 +	6.9	1.84	0.39 +	4.77 -	1786.	51.	4.
1901	0000	-775	37.9619	81.1644	PPNR	1.3 +	2.6 +	6.7	1.93	0.39 +	4.95 -	1743.	51.	5.
1902	0000	-773	37.9624	81.1642	PPNR	1.3 +	2.3 +	6.7	1.76	0.34	5.12 -	1703.	50.	5.
1903	0000	-770	37.9630	81.1642	PPNR	1.2	2.1	6.3	1.70	0.33	5.12 -	1638.	51.	6.
1904	0000	-770	37.9635	81.1642	PPNR	1.1	2.0	6.0	1.75	0.33	5.34 -	1553.	52.	7.
1905	0000	-771	37.9641	81.1642	PPNR	1.0	1.9	5.7	1.87	0.34	5.57	1486.	51.	7.
1906	0000	-769	37.9646	81.1642	PPNR	1.0	1.7	5.9	1.73	0.29	5.95	1463.	49.	7.
1907	0000	-768	37.9651	81.1642	PPNR	1.0	1.4	6.3	1.51	0.23	6.59	1471.	48.	8.
1908	0000	-766	37.9657	81.1642	PPNR	1.0	1.4	6.6	1.31 -	0.20 -	6.38	1500.	48.	8.
1909	0000	-763	37.9662	81.1641	PPNR	1.1	1.5	6.9	1.36	0.21	6.42	1521.	48.	8.
1910	0000	-759	37.9667	81.1641	PPNR	1.1	1.4	7.1	1.30 -	0.20 -	6.41	1549.	47.	7.
1911	0000	-756	37.9673	81.1640	PPNR	1.2	1.3	7.5 +	1.13 -	0.18 -	6.37	1568.	48.	7.
1912	0000	-757	37.9678	81.1640	PPNR	1.2	1.3	7.6 +	1.13 -	0.18 -	6.38	1566.	49.	7.
1913	0000	-763	37.9684	81.1640	PPNR	1.1	1.6	7.6 +	1.38	0.21 -	6.67	1536.	51.	5.
1914	0000	-768	37.9689	81.1639	PPNR	1.1	1.7	7.2	1.64	0.24	6.87	1459.	52.	4.
1915	0000	-768	37.9694	81.1639	PPNR	1.0	1.7	7.1	1.78	0.24	7.35	1383.	51.	3.
1916	0000	-765	37.9700	81.1639	PPNR	0.9	1.7	6.8	1.87	0.25	7.63	1311.	52.	3.
1917	0000	-764	37.9705	81.1639	PPNR	0.9	1.5	6.4	1.75	0.24	7.43	1256.	52.	4.
1918	0000	-762	37.9711	81.1638	PPNR	0.8	1.6	6.4	2.10	0.25	8.30 +	1211.	53.	3.
1919	0000	-762	37.9716	81.1638	PPNR	0.7	1.5	6.4	2.07	0.24	8.66 +	1208.	54.	3.
1920	0000	-763	37.9721	81.1638	PPNR	0.8	1.2	6.3	1.54	0.20 -	7.74	1194.	54.	5.
1921	0000	-761	37.9727	81.1637	PPNR	0.8	1.1 -	6.3	1.27 -	0.17 -	7.51	1222.	54.	6.
1922	0000	-760	37.9732	81.1637	PPNR	0.8	1.1 -	6.2	1.33	0.18 -	7.53	1245.	55.	8.
1923	0000	-760	37.9737	81.1636	PPNR	0.8	1.0 -	6.2	1.14 -	0.15 --	7.43	1268.	55.	10.
1924	0000	-760	37.9743	81.1636	PPNR	0.8	0.9 -	6.2	1.07 -	0.14 --	7.42	1268.	54.	10.
1925	0000	-758	37.9748	81.1635	PPNR	0.8	0.8 -	5.9	1.01 -	0.14 --	7.08	1268.	53.	10.
1926	0000	-758	37.9754	81.1636	PPNR	0.8	0.9 -	5.4	1.11 -	0.17 -	6.49	1252.	52.	10.
1927	0000	-757	37.9759	81.1636	PPNR	0.8	1.0 -	5.5	1.34	0.19 -	7.09	1246.	53.	10.
1928	0000	-757	37.9764	81.1635	PPNR	0.8	1.4	5.1	1.83	0.27	6.69	1232.	53.	9.

FLIGHT LINE 860, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1929	0000	-754	37.9770	81.1635	PPNR	0.8	1.5	5.3	1.97	0.29	6.89	1241.	52.	8.
1930	0000	-752	37.9775	81.1634	PPNR	0.8	1.7	5.3	2.30	0.33	7.06	1232.	54.	7.
1931	0000	-752	37.9781	81.1634	PPNR	0.7	1.9	5.0	2.68 +	0.37 +	7.16	1213.	54.	7.
1932	0000	-752	37.9786	81.1634	PPNR	0.7	1.8	5.0	2.61 +	0.37	7.05	1193.	54.	7.
1933	0000	-750	37.9791	81.1634	PPNR	0.7	1.8	4.8	2.53	0.37	6.94	1176.	55.	8.
1934	0000	-751	37.9797	81.1633	PPNR	0.7	1.9	4.6	2.65 +	0.40 +	6.56	1172.	54.	8.
1935	0000	-751	37.9802	81.1633	PPNR	0.7	1.7	4.7	2.41	0.36	6.78	1154.	54.	8.
1936	0000	-748	37.9807	81.1633	PPK	0.7 -	1.4	4.3 -	2.03 +	0.33	6.19	1112.	57.	9.
1937	0000	-748	37.9813	81.1632	PPK	0.7 -	1.5	4.1 -	2.21 +	0.36 +	6.15	1099.	56.	9.
1938	0000	-747	37.9818	81.1632	PPK	0.7 -	1.7	4.2 -	2.39 +	0.39 +	6.06	1121.	57.	8.
1939	0000	-744	37.9824	81.1632	PPK	0.7 -	1.9	4.1 -	2.82 ++	0.48 ++	5.90	1152.	56.	7.
1940	0000	-744	37.9829	81.1632	PPK	0.7 -	2.1	4.5 -	2.95 ++	0.46 ++	6.48 +	1176.	55.	5.
1941	0000	-746	37.9834	81.1631	PPK	0.7 -	2.1	4.6 -	3.01 ++	0.45 ++	6.64 +	1195.	56.	4.
1942	0000	-746	37.9840	81.1631	PPK	0.7 -	2.2	5.0	2.93 ++	0.43 +	6.78 +	1240.	55.	3.
1943	0000	-746	37.9845	81.1631	PPK	0.8 -	2.4 +	5.2	3.21 ++	0.47 ++	6.77 +	1292.	55.	1.
1944	0000	-745	37.9850	81.1630	PPK	0.8	2.5 +	5.7	2.91 ++	0.43 +	6.74 +	1368.	52.	0.
1945	0000	-743	37.9856	81.1630	PPK	0.9	2.2 +	6.1	2.43 +	0.36 +	6.81 +	1427.	51.	1.
1946	0000	-741	37.9861	81.1629	PPK	1.0	2.0	7.1	1.92	0.27	7.02 +	1495.	50.	1.
1947	0000	-742	37.9867	81.1629	PPK	1.1	1.9	7.1	1.77	0.27	6.64 +	1538.	49.	2.
1948	0000	-743	37.9872	81.1629	PPK	1.1	1.8	7.5	1.64	0.24	6.84 +	1571.	49.	3.
1949	0000	-743	37.9877	81.1629	PPK	1.1	1.6	7.3	1.50	0.22	6.69 +	1570.	51.	5.
1950	0000	-743	37.9883	81.1629	PPK	1.1	1.2	7.3	1.12	0.17 -	6.64 +	1561.	50.	7.
1951	0000	-743	37.9888	81.1628	PPK	1.1	1.2	7.0	1.11	0.17 -	6.64 +	1509.	52.	8.
1952	0000	-742	37.9893	81.1628	PPK	1.0	1.3	6.9	1.28	0.18 -	7.07 +	1466.	52.	9.
1953	0000	-741	37.9899	81.1627	PPK	0.9	1.3	6.5	1.47	0.20	7.22 ++	1420.	53.	9.
1954	0000	-739	37.9904	81.1627	PPK	0.9	1.4	7.0	1.60	0.20	8.18 ++	1411.	56.	8.
1955	0000	-737	37.9910	81.1627	PPK	0.9	1.6	6.9	1.85	0.24	7.76 ++	1394.	58.	7.
1956	0000	-740	37.9915	81.1627	PPK	0.9	1.7	7.2	1.97 +	0.24	8.28 +++	1387.	53.	5.
1957	0000	-743	37.9920	81.1627	PPK	0.8 -	1.7	7.4	2.11 +	0.23	9.05 +++	1345.	53.	3.
1958	0000	-744	37.9926	81.1626	PPK	0.8 -	1.8	7.1	2.12 +	0.25	8.58 +++	1312.	54.	2.
1959	0000	-743	37.9931	81.1626	PPK	0.8 -	1.6	6.9	2.05 +	0.24	8.51 +++	1271.	54.	2.
1960	0000	-742	37.9936	81.1625	PPK	0.8 -	1.6	6.6	2.07 +	0.25	8.42 +++	1250.	52.	2.
1961	0000	-742	37.9942	81.1625	PPK	0.8 -	1.6	6.1	2.01 +	0.26	7.70 ++	1229.	49.	3.
1962	0000	-743	37.9947	81.1625	PPK	0.7 -	1.5	6.0	1.97 +	0.24	8.18 ++	1231.	48.	3.
1963	0000	-741	37.9953	81.1625	PPK	0.8 -	1.5	5.7	1.91	0.26	7.23 ++	1241.	51.	4.
1964	0000	-740	37.9958	81.1625	PPK	0.9	1.9	5.4	2.23 +	0.36 +	6.21	1313.	52.	5.
1965	0000	-740	37.9963	81.1624	PPK	0.9	1.9	6.0	2.12 +	0.32	6.59 +	1372.	52.	5.
1966	0000	-741	37.9969	81.1624	PPK	1.0	2.2 +	6.0	2.28 +	0.37 +	6.19	1449.	53.	5.
1967	0000	-741	37.9974	81.1623	PPK	1.0	2.4 +	5.8	2.38 +	0.40 +	5.90	1479.	52.	5.
1968	0000	-739	37.9979	81.1623	PPK	1.0	2.4 +	5.8	2.39 +	0.41 +	5.87	1477.	54.	5.
1969	0000	-738	37.9985	81.1622	PPK	1.0	2.4 +	5.8	2.39 +	0.41 +	5.87	1477.	54.	5.
1970	0000	-738	37.9990	81.1622	PPK	1.0	2.4 +	5.8	2.39 +	0.41 +	5.87	1477.	54.	5.
1971	0000	-739	37.9996	81.1622	PPK	1.0	2.4 +	5.8	2.39 +	0.41 +	5.87	1477.	54.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-714	37.9998	80.8390	PPNR	0.5 -	1.5	3.9 -	2.97 +	0.40 +	7.48	873.	60.	0.
2	0000	-712	37.9994	80.8390	PPNR	0.5 -	1.5	3.9 -	2.97 +	0.40 +	7.48	873.	60.	0.
3	0000	-714	37.9989	80.8390	PPNR	0.5 -	1.5	3.9 -	2.97 +	0.40 +	7.48	873.	60.	0.
4	0000	-715	37.9985	80.8390	PPNR	0.5 -	1.5	3.9 -	2.97 +	0.40 +	7.48	873.	60.	0.
5	0000	-712	37.9980	80.8391	PPNR	0.5 -	1.4	3.8 -	2.75 +	0.38 +	7.25	858.	62.	0.
6	0000	-711	37.9975	80.8391	PPNR	0.5 -	1.4	3.6 -	2.75 +	0.39 +	7.03	843.	59.	0.
7	0000	-711	37.9971	80.8391	PPNR	0.5 -	1.5	3.3 -	3.00 +	0.46 +	6.47	840.	63.	1.
8	0000	-710	37.9966	80.8392	PPNR	0.5 -	1.4	3.2 -	2.70 +	0.43 +	6.31	844.	62.	2.
9	0000	-710	37.9962	80.8392	PPNR	0.5 -	1.6	3.0 --	3.27 +	0.52 ++	6.29	852.	62.	3.
10	0000	-710	37.9957	80.8392	PPNR	0.5 -	1.5	3.2 -	3.00 +	0.46 +	6.53	869.	65.	4.
11	0000	-710	37.9952	80.8392	PPNR	0.5 -	1.3	3.5 -	2.68 +	0.36	7.43	878.	64.	6.
12	0000	-710	37.9948	80.8392	PPNR	0.5 -	1.4	3.3 -	2.91 +	0.41 +	7.09	883.	64.	5.
13	0000	-709	37.9943	80.8392	PPNR	0.5 -	1.2 -	3.3 -	2.30	0.35	6.61	907.	66.	8.
14	0000	-710	37.9939	80.8394	PPNR	0.5 -	1.0 -	3.6 -	2.06	0.29	7.21	924.	63.	9.
15	0000	-708	37.9934	80.8394	PPNR	0.5 -	1.1 -	3.8 -	2.18	0.29	7.64	944.	64.	8.
16	0000	-705	37.9929	80.8394	PPNR	0.5 -	0.9 -	4.2 -	1.65	0.21 -	7.82	960.	60.	8.
17	0000	-706	37.9925	80.8394	PPNR	0.5 -	0.8 -	4.1 -	1.61	0.20 -	7.89	955.	60.	8.
18	0000	-708	37.9921	80.8394	PPNR	0.5 -	1.0 -	3.9 -	1.81	0.25	7.23	959.	61.	7.
19	0000	-704	37.9916	80.8394	PPNR	0.5 -	1.1 -	4.0 -	2.13	0.28	7.63	968.	60.	6.
20	0000	-703	37.9912	80.8395	PPNR	0.5 -	1.3	4.0 -	2.67 +	0.32	8.34 +	967.	59.	4.
21	0000	-705	37.9907	80.8395	PPNR	0.5 -	1.2	4.0 -	2.31	0.31	7.49	975.	61.	4.
22	0000	-702	37.9902	80.8395	PPNR	0.6 -	1.4	4.1 -	2.32	0.34	6.85	1002.	59.	3.
23	0000	-701	37.9898	80.8396	PPNR	0.7	1.5	3.9 -	2.23	0.37	6.00	1026.	62.	3.
24	0000	-702	37.9893	80.8396	PPNR	0.7	1.6	4.1 -	2.35	0.39 +	6.04	1056.	62.	3.
25	0000	-701	37.9889	80.8396	PPNR	0.7	1.6	4.2 -	2.42	0.38 +	6.34	1071.	64.	3.
26	0000	-701	37.9884	80.8396	PPNR	0.7	1.4	4.4 -	2.05	0.33	6.30	1085.	67.	5.
27	0000	-702	37.9879	80.8396	PPNR	0.7	1.3	4.5 -	1.86	0.29	6.34	1098.	67.	6.
28	0000	-702	37.9875	80.8396	PPNR	0.7	1.3	4.7	1.93	0.28	6.82	1107.	65.	7.
29	0000	-700	37.9870	80.8397	PPNR	0.7	1.0 -	4.7	1.44	0.21 -	7.04	1099.	66.	9.
30	0000	-699	37.9865	80.8397	PPNR	0.7	0.9 -	4.8	1.34	0.18 -	7.32	1093.	69.	11.
31	0000	-700	37.9861	80.8397	PPNR	0.7	0.8 -	4.8	1.21 -	0.16 -	7.38	1085.	69.	11.
32	0000	-698	37.9857	80.8398	PPNR	0.7	0.9 -	4.7	1.31 -	0.19 -	6.97	1109.	68.	11.
33	0000	-695	37.9852	80.8398	PPNR	0.7	0.9 -	5.0	1.27 -	0.18 -	7.14	1129.	69.	10.
34	0000	-697	37.9848	80.8398	PPNR	0.7	1.1 -	4.9	1.52	0.23	6.72	1142.	68.	9.
35	0000	-697	37.9843	80.8399	PPNR	0.7	1.3	4.9	1.82	0.26	6.89	1148.	68.	8.
36	0000	-695	37.9839	80.8399	PPNR	0.7	1.5	5.0	2.16	0.30	7.12	1148.	68.	7.
37	0000	-694	37.9834	80.8399	PPNR	0.6	1.7	5.1	2.58 +	0.33	7.92	1150.	65.	5.
38	0000	-693	37.9829	80.8400	PPNR	0.6	1.8	5.2	2.79 +	0.35	8.00 +	1174.	62.	5.
39	0000	-692	37.9825	80.8400	PPNR	0.7	1.9	5.3	2.66 +	0.35	7.54	1184.	60.	4.
40	0000	-693	37.9820	80.8400	PPNR	0.7	1.8	5.1	2.58 +	0.35	7.47	1168.	57.	4.
41	0000	-693	37.9816	80.8400	PPNR	0.7	1.7	5.3	2.63 +	0.32	8.10 +	1149.	55.	4.
42	0000	-690	37.9811	80.8400	PPNR	0.6	1.7	5.2	2.61 +	0.32	8.06 +	1131.	54.	3.
43	0000	-691	37.9807	80.8400	PPNR	0.6	1.7	5.0	2.68 +	0.35	7.72	1128.	54.	4.
44	0000	-692	37.9802	80.8401	PPNR	0.7	1.6	4.9	2.23	0.33	6.71	1131.	53.	4.
45	0000	-692	37.9797	80.8401	PPNR	0.8	1.4	4.9	1.90	0.30	6.41	1108.	53.	5.
46	0000	-691	37.9793	80.8401	PPNR	0.7	1.4	5.0	1.89	0.27	6.90	1093.	54.	5.
47	0000	-690	37.9789	80.8402	PPNR	0.7	1.6	4.9	2.25	0.33	6.90	1095.	56.	4.
48	0000	-689	37.9784	80.8402	PPNR	0.8	1.5	4.9	1.94	0.31	6.34	1127.	57.	4.
49	0000	-690	37.9779	80.8402	PPNR	0.9	1.3	5.3	1.53	0.25	6.19	1164.	56.	4.
50	0000	-691	37.9775	80.8402	PPNR	0.9	1.2	5.5	1.36	0.22	6.12	1208.	57.	4.
51	0000	-688	37.9770	80.8402	PPNR	0.8	1.4	5.6	1.67	0.25	6.61	1229.	56.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-687	37.9766	80.8402	PPNR	0.8	1.5	5.5	1.86	0.27	6.84	1249.	57.	3.
53	0000	-687	37.9761	80.8403	PPNR	0.8	1.4	5.4	1.82	0.25	7.16	1238.	56.	4.
54	0000	-689	37.9757	80.8403	PPNR	0.7	1.3	5.7	1.84	0.24	7.79	1242.	53.	4.
55	0000	-688	37.9752	80.8403	PPNR	0.7	1.4	5.5	2.04	0.25	8.18 +	1202.	54.	5.
56	0000	-687	37.9747	80.8404	PPNR	0.6 -	1.5	5.1	2.58 +	0.29	8.80 +	1165.	56.	5.
57	0000	-687	37.9743	80.8404	PPNR	0.6 -	1.5	5.0	2.74 +	0.31	8.96 +	1140.	55.	6.
58	0000	-687	37.9738	80.8404	PPNR	0.6 -	1.5	4.9	2.72 +	0.31	8.74 +	1138.	54.	6.
59	0000	-686	37.9734	80.8405	PPNR	0.6 -	1.6	5.1	2.77 +	0.32	8.77 +	1161.	55.	7.
60	0000	-687	37.9729	80.8405	PPNR	0.6	1.7	5.3	2.67 +	0.32	8.27 +	1214.	56.	7.
61	0000	-686	37.9725	80.8405	PPNR	0.7	1.7	5.1	2.42	0.34	7.20	1257.	57.	8.
62	0000	-684	37.9720	80.8405	PPNR	0.8	1.7	5.7	2.32	0.31	7.51	1332.	56.	7.
63	0000	-685	37.9716	80.8405	PPNR	0.8	1.7	6.0	2.00	0.28	7.11	1400.	57.	8.
64	0000	-685	37.9711	80.8405	PPNR	0.8	1.9	6.2	2.32	0.30	7.69	1426.	58.	7.
65	0000	-685	37.9707	80.8405	PPNR	0.8	1.8	6.5	2.22	0.28	7.95 +	1446.	61.	7.
66	0000	-686	37.9702	80.8406	PPNR	0.8	1.6	6.4	1.94	0.25	7.67	1429.	60.	7.
67	0000	-686	37.9697	80.8406	PPNR	0.8	1.5	6.6	1.90	0.23	8.26 +	1398.	60.	7.
68	0000	-684	37.9693	80.8406	PPNR	0.8	1.5	6.4	1.84	0.23	7.92	1364.	61.	7.
69	0000	-685	37.9688	80.8407	PPNR	0.8	1.5	5.8	2.06	0.27	7.64	1296.	62.	7.
70	0000	-684	37.9684	80.8407	PPNR	0.7	1.8	5.4	2.62 +	0.33	7.95 +	1234.	63.	6.
71	0000	-683	37.9679	80.8407	PPNR	0.7	1.6	5.1	2.28	0.31	7.36	1177.	62.	6.
72	0000	-685	37.9674	80.8408	PPNR	0.7	1.2	4.7	1.84	0.26	7.07	1105.	64.	7.
73	0000	-684	37.9670	80.8408	PPNR	0.6 -	1.3	4.3 -	2.06	0.30	6.87	1059.	62.	7.
74	0000	-685	37.9665	80.8408	PPNR	0.6 -	1.3	3.8 -	2.22	0.35	6.42	1014.	60.	7.
75	0000	-685	37.9661	80.8409	PPNR	0.6 -	1.3	4.0 -	2.44	0.34	7.23	989.	60.	7.
76	0000	-684	37.9656	80.8409	PPNR	0.5 -	1.4	3.9 -	2.51	0.34	7.32	980.	60.	7.
77	0000	-685	37.9652	80.8409	PPNR	0.6 -	1.1 -	4.1 -	1.94	0.26	7.46	965.	58.	7.
78	0000	-685	37.9647	80.8409	PPNR	0.6 -	1.0 -	3.9 -	1.81	0.26	7.05	949.	58.	7.
79	0000	-684	37.9643	80.8409	PPNR	0.6 -	1.2	4.0 -	2.10	0.30	7.05	946.	56.	5.
80	0000	-685	37.9638	80.8409	PPNR	0.6 -	1.1 -	4.1 -	1.88	0.26	7.12	936.	58.	5.
81	0000	-686	37.9634	80.8410	PPNR	0.6 -	0.9 -	3.8 -	1.48	0.24	6.26	922.	59.	5.
82	0000	-684	37.9629	80.8410	PPNR	0.6 -	0.8 -	3.7 -	1.35	0.22	6.10	890.	57.	3.
83	0000	-685	37.9625	80.8410	PPNR	0.6 -	0.8 -	3.5 -	1.37	0.23	5.98	858.	58.	3.
84	0000	-683	37.9620	80.8411	PPNR	0.5 -	0.9 -	3.2 -	1.56	0.27	5.78	829.	57.	3.
85	0000	-683	37.9615	80.8411	PPNR	0.5 -	0.9 -	3.0 --	1.84	0.31	5.92	797.	60.	2.
86	0000	-686	37.9611	80.8411	PPNR	0.5 -	1.1 -	2.9 --	2.13	0.36	5.97	794.	61.	2.
87	0000	-685	37.9606	80.8412	PPNR	0.5 -	1.2	3.2 -	2.63 +	0.39 +	6.65	802.	60.	1.
88	0000	-684	37.9602	80.8412	PPNR	0.4 -	1.5	3.4 -	3.51 +	0.43 +	8.11 +	804.	62.	0.
89	0000	-686	37.9597	80.8412	PPNR	0.4 -	1.6	3.2 -	4.01 ++	0.51 ++	7.90	797.	64.	0.
90	0000	-685	37.9592	80.8413	PPNR	0.4 -	1.6	3.5 -	4.11 ++	0.46 +	8.88 +	802.	61.	0.
91	0000	-684	37.9588	80.8413	PPNR	0.4 -	1.7	3.7 -	4.10 ++	0.46 +	8.95 +	840.	63.	0.
92	0000	-686	37.9583	80.8413	PPNR	0.4 -	1.9	4.2 -	4.55 ++	0.45 +	10.17 ++	903.	60.	0.
93	0000	-685	37.9579	80.8413	PPNR	0.4 -	1.7	4.5 -	3.82 ++	0.38 +	10.04 ++	941.	59.	1.
94	0000	-684	37.9575	80.8413	PPNR	0.5 -	1.7	4.3 -	3.69 ++	0.40 +	9.29 +	959.	60.	1.
95	0000	-683	37.9570	80.8413	PPNR	0.5 -	1.5	4.3 -	3.12 +	0.36	8.61 +	979.	61.	3.
96	0000	-685	37.9565	80.8414	PPNR	0.5 -	1.3	4.4 -	2.61 +	0.30	8.79 +	999.	60.	4.
97	0000	-685	37.9561	80.8414	PPNR	0.5 -	1.3	4.4 -	2.56	0.29	8.84 +	1003.	60.	5.
98	0000	-685	37.9556	80.8414	PPNR	0.4 -	1.3	4.0 -	2.86 +	0.31	9.15 +	982.	57.	7.
99	0000	-685	37.9552	80.8415	PPNR	0.5 -	1.0 -	3.8 -	2.00	0.25	7.87	953.	58.	8.
100	0000	-684	37.9547	80.8415	PPNR	0.4 -	1.1 -	4.0 -	2.52	0.27	9.45 +	912.	57.	9.
101	0000	-683	37.9542	80.8415	PPNR	0.4 -	1.0 -	3.8 -	2.58 +	0.25	10.19 ++	876.	58.	9.
102	0000	-685	37.9538	80.8416	PPNR	0.4 -	1.2	4.0 -	3.40 +	0.30	11.35 ++	867.	58.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-685	37.9533	80.8416	PPNR	0.4 -	1.3	4.3 -	3.39 +	0.31	11.08 ++	894.	60.	7.
104	0000	-683	37.9529	80.8416	PPNR	0.4 -	1.4	4.5 -	3.20 +	0.32	10.04 ++	944.	60.	7.
105	0000	-684	37.9524	80.8416	PPNR	0.5 -	1.4	5.3	2.70 +	0.26	10.42 ++	996.	64.	6.
106	0000	-684	37.9520	80.8416	PPNR	0.5 -	1.5	5.6	2.89 +	0.27	10.62 ++	1057.	65.	5.
107	0000	-684	37.9515	80.8416	PPNR	0.6 -	1.8	5.3	3.01 +	0.34	8.92 +	1125.	65.	4.
108	0000	-686	37.9511	80.8417	PPNR	0.6 -	2.1	6.0	3.36 +	0.34	9.86 ++	1208.	63.	2.
109	0000	-685	37.9506	80.8417	PPNR	0.7	2.2	5.9	3.38 +	0.38 +	9.01 +	1275.	63.	2.
110	0000	-684	37.9502	80.8417	PPNR	0.7	2.3 +	5.8	3.45 +	0.41 +	8.49 +	1329.	62.	2.
111	0000	-687	37.9497	80.8418	PPNR	0.7	2.2	5.9	3.07 +	0.38 +	8.12 +	1347.	64.	2.
112	0000	-688	37.9493	80.8418	PPNR	0.7	2.3 +	5.4	3.20 +	0.43 +	7.40	1351.	63.	2.
113	0000	-687	37.9488	80.8418	PPNR	0.7	2.6 +	5.3	3.65 ++	0.48 +	7.54	1337.	64.	1.
114	0000	-688	37.9483	80.8419	PPNR	0.7	2.5 +	5.4	3.41 +	0.45 +	7.52	1321.	63.	1.
115	0000	-688	37.9479	80.8419	PPNR	0.8	2.3 +	5.2	3.03 +	0.45 +	6.78	1313.	64.	1.
116	0000	-689	37.9474	80.8419	PPNR	0.8	2.1	5.5	2.71 +	0.38 +	7.11	1309.	63.	1.
117	0000	-687	37.9470	80.8419	PPNR	0.7	2.1	5.5	2.92 +	0.38 +	7.62	1301.	63.	1.
118	0000	-685	37.9465	80.8419	PPNR	0.7	2.2	5.5	3.18 +	0.40 +	8.03 +	1300.	62.	0.
119	0000	-686	37.9460	80.8419	PPNR	0.7	2.2	5.8	3.19 +	0.38 +	8.36 +	1303.	61.	0.
120	0000	-687	37.9456	80.8420	PPNR	0.7	2.1	6.0	2.96 +	0.35	8.48 +	1315.	59.	0.
121	0000	-686	37.9451	80.8420	PPNR	0.7	2.0	6.3	2.86 +	0.32	8.82 +	1324.	59.	0.
122	0000	-685	37.9447	80.8420	PPNR	0.7	1.9	6.7	2.67 +	0.29	9.14 +	1313.	59.	0.
123	0000	-686	37.9443	80.8420	PPNR	0.7	2.1	6.6	2.97 +	0.32	9.22 +	1305.	60.	1.
124	0000	-688	37.9438	80.8421	PPNR	0.7	2.0	7.1	2.85 +	0.29	9.82 ++	1299.	59.	1.
125	0000	-687	37.9434	80.8421	PPNR	0.7	2.1	7.0	2.88 +	0.30	9.47 +	1327.	58.	2.
126	0000	-684	37.9430	80.8421	PPNR	0.8	2.0	6.8	2.60 +	0.29	9.06 +	1336.	60.	4.
127	0000	-687	37.9426	80.8421	PPNR	0.8	1.8	6.7	2.35	0.27	8.74 +	1341.	62.	5.
128	0000	-688	37.9421	80.8421	PPNR	0.8	1.8	6.4	2.35	0.28	8.27 +	1372.	61.	6.
129	0000	-687	37.9417	80.8422	PPNR	0.7	1.9	6.3	2.48	0.29	8.45 +	1404.	64.	7.
130	0000	-687	37.9413	80.8422	PPNR	0.8	1.6	6.6	2.11	0.25	8.51 +	1431.	65.	8.
131	0000	-688	37.9409	80.8423	PPNR	0.8	1.8	6.2	2.23	0.28	7.87	1446.	68.	7.
132	0000	-689	37.9405	80.8423	PPNR	0.8	1.7	6.5	2.04	0.26	7.72	1459.	69.	6.
133	0000	-688	37.9401	80.8423	PPNR	0.9	1.8	6.8	2.15	0.27	7.89	1494.	67.	4.
134	0000	-687	37.9397	80.8423	PPNR	0.9	2.0	7.1	2.36	0.29	8.25 +	1526.	65.	3.
135	0000	-690	37.9393	80.8423	PPNR	0.8	2.2	7.1	2.65 +	0.31	8.56 +	1516.	66.	2.
136	0000	-690	37.9389	80.8423	PPNR	0.9	2.4 +	6.6	2.65 +	0.36	7.41	1513.	64.	1.
137	0000	-687	37.9385	80.8425	PPNR	0.9	2.5 +	6.3	2.74 +	0.40 +	6.87	1507.	64.	0.
138	0000	-688	37.9380	80.8425	PPNR	1.0	2.5 +	6.3	2.56	0.39 +	6.56	1513.	63.	0.
139	0000	-691	37.9376	80.8425	PPNR	0.9	2.4 +	6.3	2.57 +	0.38 +	6.84	1491.	63.	1.
140	0000	-689	37.9372	80.8425	PPNR	0.9	2.3 +	6.4	2.58 +	0.36	7.26	1470.	63.	2.
141	0000	-688	37.9368	80.8425	PPNR	0.9	2.3 +	6.2	2.64 +	0.37	7.14	1445.	65.	3.
142	0000	-690	37.9364	80.8426	PPNR	0.9	2.1	6.3	2.31	0.33	7.04	1429.	66.	4.
143	0000	-689	37.9360	80.8426	PPNR	0.9	1.8	6.3	2.07	0.28	7.45	1381.	67.	5.
144	0000	-689	37.9355	80.8426	PPNR	0.8	1.5	6.3	1.84	0.24	7.78	1319.	66.	6.
145	0000	-690	37.9351	80.8427	PPNR	0.7	1.3	6.2	1.88	0.21	8.76 +	1236.	67.	6.
146	0000	-690	37.9347	80.8427	PPNR	0.6	1.2	5.9	1.85	0.20 -	9.14 +	1165.	66.	6.
147	0000	-690	37.9343	80.8427	PPNR	0.6	1.2 -	5.3	1.84	0.22	8.44 +	1098.	65.	6.
148	0000	-690	37.9339	80.8427	PPNR	0.6 -	1.0 -	5.0	1.65	0.21 -	8.04 +	1043.	63.	4.
149	0000	-691	37.9335	80.8427	PPNR	0.6 -	1.1 -	5.1	1.94	0.22	8.83 +	1020.	63.	3.
150	0000	-690	37.9331	80.8428	PPNR	0.6	1.2 -	5.4	1.79	0.21	8.36 +	1049.	61.	2.
151	0000	-688	37.9327	80.8428	PPNR	0.7	1.5	5.5	2.33	0.28	8.45 +	1088.	60.	1.
152	0000	-690	37.9323	80.8428	PPNR	0.7	1.5	5.7	2.06	0.26	7.89	1140.	56.	1.
153	0000	-691	37.9318	80.8429	PPNR	0.8	1.9	5.7	2.38	0.33	7.31	1202.	55.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-690	37.9314	80.8429	PPNR	0.8	2.0	6.4	2.39	0.31	7.63	1296.	56.	1.
155	0000	-690	37.9310	80.8430	PPNR	0.9	2.0	6.9	2.13	0.29	7.40	1375.	56.	2.
156	0000	-689	37.9306	80.8430	PPNR	1.0	1.8	6.9	1.81	0.26	6.93	1423.	55.	2.
157	0000	-689	37.9302	80.8430	PPNR	1.0	2.0	7.1	2.07	0.28	7.29	1436.	55.	3.
158	0000	-688	37.9297	80.8431	PPNR	1.0	2.2	6.9	2.19	0.31	7.00	1466.	56.	3.
159	0000	-687	37.9293	80.8431	PPNR	1.0	2.4 +	6.4	2.25	0.37	6.16	1501.	57.	3.
160	0000	-688	37.9289	80.8431	PPNR	1.1	2.0	6.4	1.83	0.32	5.73	1530.	58.	5.
161	0000	-687	37.9285	80.8431	PPNR	1.2	1.8	6.6	1.56	0.27	5.73	1518.	57.	5.
162	0000	-687	37.9281	80.8431	PPNR	1.1	1.8	6.2	1.57	0.28	5.52	1494.	58.	6.
163	0000	-689	37.9277	80.8432	PPNR	1.1	1.8	6.0	1.65	0.30	5.44	1480.	56.	6.
164	0000	-688	37.9273	80.8432	PPNR	1.1	1.7	5.8	1.56	0.29	5.47	1457.	55.	7.
165	0000	-686	37.9269	80.8432	PPP	1.1	1.2 -	5.8	1.10 -	0.20 -	5.42	1422.	57.	9.
166	0000	-687	37.9265	80.8433	PPP	1.0	0.9 -	6.2	0.87 --	0.14 --	6.05	1394.	58.	9.
167	0000	-687	37.9261	80.8433	PPP	1.0	1.0 -	6.4	1.07 -	0.16 --	6.65	1368.	58.	9.
168	0000	-684	37.9256	80.8433	PPP	0.9	1.2 -	5.7	1.29 -	0.21 -	6.22	1335.	59.	10.
169	0000	-686	37.9252	80.8434	PPP	0.9	1.3 -	5.8	1.45	0.22	6.60	1303.	58.	10.
170	0000	-688	37.9248	80.8434	PPP	0.8	1.4	5.5	1.63	0.25	6.61	1252.	59.	10.
171	0000	-687	37.9244	80.8435	PPP	0.9	1.3 -	5.6	1.47	0.23	6.39	1241.	60.	9.
172	0000	-686	37.9239	80.8435	PPP	0.8	1.3 -	5.8	1.53	0.22	6.95	1233.	61.	8.
173	0000	-684	37.9236	80.8435	PPP	0.8	1.4	6.0	1.83	0.24	7.61	1231.	62.	7.
174	0000	-685	37.9232	80.8435	PPP	0.8	1.7	6.0	2.26	0.28	8.04 +	1237.	61.	6.
175	0000	-686	37.9227	80.8435	PPP	0.7	1.7	6.3	2.39	0.28	8.66 +	1255.	62.	5.
176	0000	-687	37.9223	80.8435	PPP	0.8	1.6	7.0	2.09	0.24	8.86 +	1328.	63.	4.
177	0000	-686	37.9219	80.8436	PPP	0.9	1.7	7.3	1.80	0.23	7.80	1428.	64.	4.
178	0000	-685	37.9215	80.8436	PPP	1.0	1.9	7.7	1.80	0.24	7.44	1514.	63.	3.
179	0000	-685	37.9211	80.8437	PPP	1.1	2.0	8.1 +	1.79	0.25	7.13	1595.	62.	3.
180	0000	-685	37.9207	80.8437	PPNR	1.3 +	2.0	8.2 +	1.55	0.24	6.47	1647.	59.	3.
181	0000	-684	37.9203	80.8437	PPNR	1.4 +	1.8	8.6 +	1.30 -	0.21 -	6.17	1712.	61.	2.
182	0000	-684	37.9198	80.8437	PPNR	1.5 +	1.8	8.9 ++	1.21 -	0.20 -	5.92	1764.	63.	2.
183	0000	-688	37.9194	80.8437	PPNR	1.6 ++	1.8	8.4 +	1.16 -	0.22	5.28 -	1784.	64.	2.
184	0000	-686	37.9190	80.8437	PPNR	1.5 +	1.7	8.8 ++	1.08 -	0.19 -	5.73	1784.	64.	1.
185	0000	-683	37.9186	80.8438	PPNR	1.4 +	1.7	8.4 +	1.19 -	0.20 -	6.00	1720.	65.	1.
186	0000	-685	37.9182	80.8438	PPNR	1.3 +	1.6	8.1 +	1.26 -	0.20 -	6.18	1624.	65.	1.
187	0000	-685	37.9177	80.8439	PPNR	1.2	1.5	7.6 +	1.25 -	0.20 -	6.25	1523.	67.	0.
188	0000	-685	37.9173	80.8439	PPNR	1.1	1.3	7.0	1.24 -	0.19 -	6.50	1408.	66.	0.
189	0000	-686	37.9169	80.8439	PPNR	1.0	1.2	6.2	1.30 -	0.20 -	6.47	1290.	65.	0.
190	0000	-684	37.9165	80.8439	PPNR	0.8	1.3	6.0	1.59	0.21 -	7.57	1182.	64.	0.
191	0000	-684	37.9162	80.8439	PPNR	0.7	1.4	5.4	2.07	0.26	7.88	1098.	63.	0.
192	0000	-685	37.9157	80.8439	PPNR	0.7	1.5	5.0	2.20	0.30	7.45	1080.	62.	0.
193	0000	-685	37.9153	80.8441	PPNR	0.7	1.6	4.9	2.26	0.32	6.97	1104.	60.	0.
194	0000	-687	37.9149	80.8441	PPNR	0.7	1.8	4.7	2.68 +	0.39 +	6.94	1159.	58.	0.
195	0000	-687	37.9145	80.8441	PPNR	0.7	1.9	4.6	2.64 +	0.40 +	6.54	1196.	58.	1.
196	0000	-685	37.9141	80.8441	PPNR	0.7	1.8	4.9	2.37	0.36	6.54	1238.	58.	1.
197	0000	-684	37.9136	80.8441	PPNR	0.8	1.7	5.1	2.15	0.33	6.52	1274.	59.	1.
198	0000	-684	37.9132	80.8442	PPNR	0.8	1.6	5.0	1.92	0.31	6.19	1287.	60.	2.
199	0000	-683	37.9128	80.8442	PPNR	0.8	1.5	5.2	1.75	0.28	6.23	1302.	61.	2.
200	0000	-683	37.9124	80.8442	PPNR	0.9	1.3	5.6	1.53	0.24	6.28	1347.	61.	2.
201	0000	-685	37.9120	80.8443	PPNR	0.9	1.3	6.1	1.38	0.21	6.49	1375.	62.	2.
202	0000	-686	37.9115	80.8443	PPNR	1.0	1.3	6.7	1.32 -	0.20 -	6.70	1403.	63.	2.
203	0000	-685	37.9111	80.8443	PPNR	1.0	1.6	6.7	1.62	0.24	6.68	1438.	61.	2.
204	0000	-686	37.9107	80.8443	PPNR	1.0	1.7	7.0	1.71	0.25	6.90	1474.	61.	2.

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FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-684	37.9103	80.8443	PPNR	1.1	1.9	7.5 +	1.73	0.25	7.01	1542.	60.	1.
206	0000	-682	37.9099	80.8444	PPNR	1.1	2.0	7.9 +	1.77	0.25	7.10	1585.	60.	1.
207	0000	-682	37.9095	80.8444	PPNR	1.1	2.0	8.0 +	1.79	0.25	7.20	1582.	60.	1.
208	0000	-685	37.9091	80.8444	PPNR	1.1	2.1	8.0 +	1.90	0.26	7.23	1578.	59.	1.
209	0000	-684	37.9087	80.8445	PPNR	1.1	2.2	7.9 +	2.10	0.28	7.42	1559.	59.	1.
210	0000	-680	37.9083	80.8445	PPNR	1.0	2.1	7.9 +	2.04	0.27	7.56	1516.	58.	1.
211	0000	-681	37.9079	80.8445	PPNR	1.0	2.0	7.4 +	2.01	0.27	7.33	1449.	58.	1.
212	0000	-682	37.9074	80.8445	PPNR	1.0	1.9	7.2	1.95	0.27	7.33	1393.	57.	2.
213	0000	-681	37.9070	80.8445	PPNR	0.9	1.9	6.9	2.04	0.28	7.34	1372.	59.	2.
214	0000	-681	37.9066	80.8446	PPNR	1.0	1.7	7.1	1.80	0.24	7.39	1401.	58.	4.
215	0000	-681	37.9062	80.8447	PPNR	1.0	1.7	7.2	1.70	0.23	7.32	1444.	60.	4.
216	0000	-679	37.9058	80.8447	PPNR	1.0	1.6	7.3	1.58	0.23	7.00	1509.	62.	4.
217	0000	-678	37.9053	80.8447	PPNR	1.1	1.7	7.6 +	1.54	0.23	6.73	1590.	63.	4.
218	0000	-679	37.9049	80.8447	PPNR	1.2	1.9	7.9 +	1.64	0.24	6.77	1666.	62.	4.
219	0000	-677	37.9044	80.8448	PPNR	1.2	2.0	8.4 +	1.66	0.24	7.03	1723.	62.	3.
220	0000	-677	37.9040	80.8448	PPNR	1.2	1.9	8.6 +	1.55	0.22	6.95	1752.	60.	2.
221	0000	-678	37.9036	80.8448	PPNR	1.2 +	2.3 +	8.0 +	1.83	0.28	6.42	1733.	60.	1.
222	0000	-677	37.9031	80.8449	PPNR	1.2	2.3 +	7.4	1.88	0.31	5.99	1672.	59.	1.
223	0000	-677	37.9027	80.8449	PPP	1.2	2.3	7.3	1.86	0.31	5.98	1633.	58.	0.
224	0000	-677	37.9022	80.8449	PPP	1.2	2.2	7.5	1.84	0.29	6.41	1625.	57.	0.
225	0000	-676	37.9018	80.8449	PPP	1.2	2.3	7.3	1.84	0.31	5.90	1667.	57.	0.
226	0000	-674	37.9013	80.8449	PPP	1.3	2.5 +	7.2	1.96	0.35	5.62	1673.	60.	0.
227	0000	-677	37.9009	80.8450	PPP	1.3	2.6 +	7.0	1.95	0.37 +	5.27 -	1676.	64.	0.
228	0000	-677	37.9005	80.8450	PPP	1.3	2.6 +	7.2	1.96	0.37 +	5.37 -	1688.	65.	0.
229	0000	-676	37.9000	80.8450	PPP	1.4 +	2.7 +	7.8	1.96	0.35	5.57	1736.	66.	0.
230	0000	-676	37.8996	80.8451	PPP	1.5 +	2.7 +	7.9	1.89	0.35	5.43	1777.	64.	0.
231	0000	-677	37.8991	80.8451	PPP	1.4 +	2.9 +	7.9	1.98	0.36 +	5.46	1770.	66.	0.
232	0000	-676	37.8987	80.8452	PPP	1.4	2.8 +	7.9	2.03	0.35	5.73	1723.	67.	0.
233	0000	-674	37.8982	80.8452	PPP	1.3	2.6 +	8.0 +	2.00	0.33	6.06	1681.	67.	0.
234	0000	-675	37.8978	80.8452	PPP	1.2	2.5 +	7.7	2.08	0.33	6.37	1616.	65.	1.
235	0000	-676	37.8973	80.8452	PPP	1.1	2.3	7.6	2.01	0.30	6.70	1565.	63.	2.
236	0000	-676	37.8969	80.8452	PPP	1.0	2.1	7.4	2.05	0.28	7.35	1495.	64.	2.
237	0000	-673	37.8964	80.8452	PPP	0.9	2.1	6.8	2.28	0.31	7.40	1419.	66.	3.
238	0000	-673	37.8960	80.8453	PPP	0.9	1.8	6.5	2.02	0.27	7.35	1366.	65.	4.
239	0000	-675	37.8955	80.8453	PPP	0.9	1.5	6.7	1.74	0.23	7.71	1335.	66.	5.
240	0000	-675	37.8951	80.8454	PPP	0.8	1.3	6.3	1.62	0.21 -	7.63	1311.	64.	6.
241	0000	-674	37.8947	80.8454	PPP	0.8	1.2 -	6.4	1.50	0.20 -	7.66	1316.	62.	6.
242	0000	-674	37.8942	80.8454	PPP	0.8	1.3	6.1	1.66	0.21 -	7.76	1298.	64.	6.
243	0000	-674	37.8938	80.8455	PPP	0.8	1.2 -	5.8	1.59	0.21 -	7.39	1288.	62.	6.
244	0000	-673	37.8934	80.8455	PPP	0.8	1.0 -	5.8	1.33	0.18 -	7.47	1271.	61.	7.
245	0000	-674	37.8929	80.8455	PPP	0.8	1.1 -	5.2	1.45	0.21 -	6.92	1242.	61.	8.
246	0000	-673	37.8924	80.8455	PPNR	0.7	1.0 -	4.4 -	1.44 -	0.23	6.25	1176.	60.	8.
247	0000	-672	37.8920	80.8455	PPNR	0.7	0.8 -	4.1 -	1.19 -	0.20 -	5.95	1111.	62.	9.
248	0000	-673	37.8916	80.8456	PPNR	0.7	0.9 -	3.7 -	1.32 -	0.23	5.73	1052.	63.	9.
249	0000	-673	37.8911	80.8456	PPNR	0.7	0.7 -	3.9 -	1.07 -	0.18 -	5.97	1018.	62.	9.
250	0000	-675	37.8907	80.8456	PPNR	0.7	0.8 -	3.9 -	1.25 -	0.22	5.68	1017.	61.	8.
251	0000	-673	37.8903	80.8457	PPNR	0.7	1.1 -	4.4 -	1.57	0.24	6.51	1047.	63.	7.
252	0000	-670	37.8898	80.8457	PPNR	0.7	1.4	4.7	2.14	0.30	7.21	1088.	66.	5.
253	0000	-673	37.8893	80.8457	PPNR	0.7	1.6	5.3	2.32	0.31	7.52	1159.	67.	3.
254	0000	-675	37.8889	80.8457	PPNR	0.8	2.1	5.2	2.73 +	0.41 +	6.72	1235.	65.	2.
255	0000	-672	37.8885	80.8457	PPNR	0.8	2.1	5.7	2.62 +	0.37	7.13	1291.	65.	1.

FLIGHT LINE 880, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-672	37.8880	80.8459	PPNR	0.8	2.4 +	5.6	2.95 +	0.42 +	7.06	1323.	65.	1.
257	0000	-672	37.8875	80.8459	PPP	0.8	2.3	5.8	2.73 +	0.40 +	6.81	1333.	66.	0.
258	0000	-669	37.8871	80.8459	PPP	0.8	2.3	5.7	2.72 +	0.41 +	6.68	1340.	66.	1.
259	0000	-672	37.8867	80.8459	PPP	0.9	1.9	5.8	2.09	0.32	6.53	1344.	64.	2.
260	0000	-671	37.8862	80.8459	PPP	0.9	1.8	6.1	2.01	0.29	6.91	1353.	60.	4.
261	0000	-667	37.8858	80.8459	PPP	0.9	1.6	6.3	1.75	0.25	6.97	1351.	63.	5.
262	0000	-669	37.8853	80.8460	PPP	0.9	1.5	6.3	1.73	0.24	7.15	1349.	63.	6.
263	0000	-669	37.8849	80.8460	PPP	0.9	1.3 -	6.7	1.38	0.19 -	7.30	1342.	65.	8.
264	0000	-666	37.8845	80.8461	PPP	0.9	1.0 -	6.7	1.21 -	0.15 --	7.83	1340.	66.	10.
265	0000	-665	37.8840	80.8461	PPP	0.8	1.0 -	6.3	1.20 -	0.16 --	7.69	1297.	65.	11.
266	0000	-667	37.8835	80.8461	PPP	0.8	1.2 -	6.1	1.61	0.20 -	8.01 +	1250.	64.	11.
267	0000	-668	37.8831	80.8461	PPP	0.7 -	1.3 -	5.5	1.92	0.23	8.33 +	1180.	65.	11.
268	0000	-668	37.8827	80.8461	PPP	0.6 -	1.3 -	5.8	2.22	0.22	10.15 ++	1130.	63.	10.
269	0000	-665	37.8822	80.8461	PPP	0.5 -	1.3 -	5.4	2.35	0.23	10.05 ++	1090.	62.	10.
270	0000	-665	37.8818	80.8462	PPP	0.5 -	1.4	5.2	2.78 +	0.27	10.20 ++	1085.	59.	8.
271	0000	-667	37.8813	80.8462	MBP	0.5	1.5	5.2	2.81	0.28	10.00	1056.	56.	7.
272	0000	-668	37.8809	80.8463	MBP	0.5	1.5	5.4	2.77	0.27	10.26	1059.	56.	5.
273	0000	-669	37.8804	80.8463	MBP	0.5	1.3	5.5	2.46	0.24	10.22	1065.	56.	4.
274	0000	-668	37.8801	80.8463	MBP	0.6	1.3	5.5	2.13	0.24	8.74	1089.	55.	3.
275	0000	-666	37.8796	80.8464	MBP	0.6	1.5	5.1	2.32	0.29	7.97	1101.	53.	2.
276	0000	-666	37.8791	80.8464	MBP	0.7	1.6	5.3	2.41	0.30	7.97	1119.	53.	2.
277	0000	-668	37.8787	80.8464	MBP	0.6	1.6	5.4	2.53	0.30	8.41	1117.	55.	2.
278	0000	-668	37.8783	80.8465	MBP	0.6	1.7	5.7	2.73	0.30	9.22	1126.	53.	1.
279	0000	-668	37.8778	80.8465	MBP	0.6	1.7	5.6	2.82	0.31	9.03	1139.	54.	1.
280	0000	-667	37.8773	80.8465	MBP	0.7	1.8	5.9	2.68	0.31	8.73	1176.	52.	1.
281	0000	-666	37.8769	80.8465	MBP	0.7	1.8	6.3	2.68	0.29	9.36	1197.	53.	1.
282	0000	-667	37.8765	80.8465	MBP	0.7	1.5	6.5	2.25	0.23	9.75	1213.	55.	2.
283	0000	-665	37.8760	80.8466	MBP	0.7	1.6	6.7	2.40	0.24	10.15	1220.	54.	2.
284	0000	-664	37.8755	80.8466	MBP	0.7	1.6	6.6	2.34	0.24	9.85	1207.	52.	3.
285	0000	-666	37.8751	80.8466	MBP	0.6	1.6	6.2	2.56	0.26	9.78	1209.	53.	4.
286	0000	-666	37.8747	80.8467	MBP	0.6	1.8	6.5	2.95	0.28	10.66	1191.	53.	4.
287	0000	-664	37.8742	80.8467	MBP	0.6	1.8	6.0	3.06	0.30	10.31	1162.	55.	4.
288	0000	-665	37.8738	80.8467	MBP	0.5	1.9	5.8	3.55 +	0.33	10.76	1150.	55.	5.
289	0000	-666	37.8733	80.8467	MBP	0.5	2.2 +	5.7	4.25 +	0.39 +	11.03 +	1156.	53.	3.
290	0000	-667	37.8729	80.8467	MBP	0.5	2.0	5.6	3.77 +	0.35 +	10.72	1158.	54.	3.
291	0000	-668	37.8725	80.8468	MBP	0.6	1.9	5.8	3.43 +	0.33	10.48	1182.	55.	2.
292	0000	-666	37.8720	80.8468	MBP	0.6	1.9	5.8	3.32	0.33	10.16	1171.	57.	2.
293	0000	-666	37.8716	80.8468	MBP	0.6	1.6	5.7	2.60	0.27	9.49	1164.	58.	3.
294	0000	-667	37.8712	80.8469	MBP	0.6	1.5	5.9	2.63	0.25	10.48	1155.	56.	3.
295	0000	-667	37.8707	80.8469	MBP	0.6	1.3	5.9	2.15	0.21	10.03	1141.	57.	4.
296	0000	-667	37.8702	80.8469	MBP	0.6	1.2 -	5.8	1.86	0.20	9.22	1126.	57.	4.
297	0000	-666	37.8698	80.8469	MBP	0.6	1.2	5.5	1.97	0.22	8.78	1116.	58.	4.
298	0000	-666	37.8694	80.8469	MBP	0.6	1.3	5.4	2.12	0.24	8.79	1098.	57.	4.
299	0000	-666	37.8689	80.8470	MBP	0.6	1.3	5.4	2.08	0.25	8.41	1101.	56.	3.
300	0000	-667	37.8684	80.8470	MBP	0.6	1.6	5.4	2.62	0.30	8.79	1106.	54.	2.
301	0000	-666	37.8680	80.8471	MBP	0.7	1.7	5.3	2.58	0.32	8.00	1124.	54.	2.
302	0000	-668	37.8676	80.8471	MBP	0.6	1.9	5.3	2.88	0.35 +	8.15	1142.	53.	1.
303	0000	-670	37.8671	80.8471	MBP	0.6	2.0	5.1	3.29	0.40 +	8.24	1167.	52.	0.
304	0000	-669	37.8667	80.8472	MBP	0.6	2.1	5.6	3.21	0.37 +	8.69	1182.	54.	0.
305	0000	-668	37.8663	80.8472	MBP	0.7	2.0	5.6	3.08	0.36 +	8.54	1204.	54.	0.
306	0000	-667	37.8658	80.8472	MBP	0.6	2.1	5.6	3.30	0.37 +	8.94	1221.	54.	0.

FLIGHT LINE 880, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
						VALUES AND STATISTICAL SIGNIFICANCES								
307	0000	-666	37.8654	80.8473	MBP	0.7	2.0	5.6	2.89	0.35	8.25	1242.	55.	1.
308	0000	-666	37.8649	80.8473	MBP	0.7	1.8	5.7	2.79	0.32	8.71	1251.	57.	2.
309	0000	-668	37.8645	80.8473	MBP	0.7	1.9	6.3	2.65	0.30	8.81	1293.	58.	2.
310	0000	-668	37.8640	80.8473	MBP	0.8	1.7	6.7	2.12	0.26	8.28	1326.	61.	3.
311	0000	-666	37.8636	80.8473	MBP	0.8	1.8	6.7	2.12	0.27	7.84	1362.	59.	3.
312	0000	-666	37.8631	80.8474	MBP	0.9	1.9	6.9	2.20	0.28	7.96	1400.	60.	4.
313	0000	-668	37.8627	80.8474	MBP	0.9	2.0	7.4	2.12	0.27	7.91	1461.	60.	4.
314	0000	-668	37.8622	80.8474	MBP	1.0	2.0	7.9 +	2.10	0.26	8.10	1524.	59.	4.
315	0000	-668	37.8618	80.8475	MBP	1.0	2.3 +	8.1 +	2.35	0.28	8.28	1557.	60.	4.
316	0000	-669	37.8613	80.8475	MBP	0.9	2.3 +	7.7 +	2.49	0.30	8.26	1554.	59.	3.
317	0000	-670	37.8609	80.8475	MBP	0.9	2.4 +	7.8 +	2.83	0.31	9.03	1546.	58.	2.
318	0000	-670	37.8605	80.8475	MBP	0.9	2.4 +	8.0 +	2.79	0.30	9.27	1552.	59.	2.
319	0000	-669	37.8600	80.8475	MBP	0.9	2.5 +	7.8 +	2.79	0.31	8.90	1552.	58.	1.
320	0000	-669	37.8595	80.8477	MBP	0.9	2.5 +	7.4	2.82	0.33	8.44	1527.	59.	2.
321	0000	-670	37.8592	80.8477	MBP	0.8	2.4 +	7.2	2.84	0.33	8.48	1492.	62.	2.
322	0000	-670	37.8587	80.8477	MBP	0.8	2.3 +	7.3	2.77	0.32	8.80	1463.	61.	1.
323	0000	-669	37.8582	80.8477	MBP	0.8	2.1	7.2	2.52	0.29	8.60	1442.	61.	1.
324	0000	-668	37.8578	80.8477	MBP	0.8	2.0	7.0	2.44	0.29	8.40	1410.	63.	1.
325	0000	-668	37.8574	80.8478	MBP	0.8	2.0	6.9	2.60	0.30	8.78	1381.	66.	1.
326	0000	-669	37.8569	80.8478	MBP	0.7	1.9	7.2	2.59	0.27	9.63	1371.	65.	2.
327	0000	-669	37.8565	80.8478	MBP	0.7	1.9	7.4	2.54	0.25	10.17	1362.	63.	1.
328	0000	-668	37.8560	80.8479	MBP	0.7	1.8	7.7 +	2.49	0.24	10.41	1358.	62.	1.
329	0000	-668	37.8556	80.8479	MBP	0.8	1.8	7.3	2.33	0.25	9.50	1365.	61.	1.
330	0000	-669	37.8551	80.8479	MBP	0.8	1.9	7.4	2.41	0.25	9.61	1382.	62.	2.
331	0000	-670	37.8547	80.8479	MBP	0.8	1.6	7.7 +	1.95	0.21	9.41	1402.	61.	2.
332	0000	-671	37.8543	80.8479	MBP	0.9	1.4	7.7 +	1.65	0.19 -	8.92	1436.	58.	2.
333	0000	-669	37.8538	80.8480	MBP	0.9	1.5	7.4	1.63	0.20 -	8.29	1441.	57.	3.
334	0000	-669	37.8533	80.8480	MBP	0.8	1.3	7.3	1.56 -	0.18 -	8.64	1411.	59.	4.
335	0000	-670	37.8529	80.8480	MBP	0.8	1.4	6.6	1.74	0.21	8.25	1380.	59.	5.
336	0000	-671	37.8525	80.8481	MBP	0.7	1.3	6.7	1.76	0.19 -	9.22	1340.	58.	5.
337	0000	-671	37.8520	80.8481	MBP	0.7	1.2 -	6.3	1.76	0.18 -	9.54	1280.	57.	6.
338	0000	-671	37.8516	80.8481	MBP	0.6	1.3	5.7	2.26	0.23	9.65	1221.	56.	6.
339	0000	-672	37.8511	80.8482	MBP	0.5	1.5	5.5	2.89	0.28	10.39	1168.	56.	6.
340	0000	-674	37.8507	80.8482	MBP	0.5 -	1.4	5.5	2.89	0.25	11.41 +	1123.	57.	6.
341	0000	-674	37.8503	80.8483	MBP	0.5 -	1.6	5.2	3.19	0.30	10.67	1119.	54.	4.
342	0000	-670	37.8498	80.8483	MBP	0.5 -	1.7	5.5	3.43 +	0.31	11.13 +	1127.	53.	3.
343	0000	-670	37.8493	80.8483	MBP	0.5	1.7	5.6	3.23	0.31	10.55	1140.	54.	2.
344	0000	-672	37.8489	80.8483	MBP	0.6	1.8	6.0	3.10	0.31	10.08	1174.	56.	1.
345	0000	-673	37.8485	80.8483	MBP	0.6	2.1	6.0	3.69 +	0.35 +	10.44	1189.	55.	1.
346	0000	-675	37.8480	80.8483	MBP	0.6	2.1	5.8	3.68 +	0.37 +	10.05	1186.	56.	1.
347	0000	-674	37.8475	80.8484	MBP	0.6	2.2 +	5.7	3.88 +	0.38 +	10.10	1192.	55.	1.
348	0000	-673	37.8472	80.8484	MBP	0.6	2.2 +	5.8	3.74 +	0.38 +	9.87	1184.	56.	1.
349	0000	-672	37.8467	80.8485	MBP	0.6	1.9	5.5	3.28	0.35	9.48	1151.	57.	2.
350	0000	-673	37.8462	80.8485	MBP	0.6	1.9	5.3	3.19	0.36 +	8.84	1137.	55.	2.
351	0000	-676	37.8458	80.8485	MBP	0.5	1.8	5.1	3.39 +	0.36 +	9.49	1109.	53.	3.
352	0000	-676	37.8454	80.8485	MBP	0.6	1.5	5.3	2.74	0.29	9.45	1118.	52.	3.
353	0000	-675	37.8449	80.8485	MBP	0.6	1.4	5.8	2.29	0.24	9.66	1118.	53.	4.
354	0000	-676	37.8445	80.8485	MBP	0.6	1.5	5.5	2.33	0.27	8.54	1120.	55.	3.
355	0000	-677	37.8441	80.8486	MBP	0.6	1.3	5.6	1.97	0.22	8.83	1140.	55.	4.
356	0000	-675	37.8436	80.8486	MBP	0.6	1.3	6.0	2.00	0.21	9.32	1181.	55.	3.
357	0000	-676	37.8431	80.8487	MBP	0.6	1.2 -	6.3	1.79	0.18 -	9.75	1195.	55.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-677	37.8427	80.8487	MBP	0.7	1.2	6.2	1.83	0.19 -	9.45	1182.	57.	3.
359	0000	-681	37.8423	80.8487	MBP	0.6	1.2	6.1	1.95	0.20 -	9.84	1138.	59.	2.
360	0000	-679	37.8418	80.8487	MBP	0.6	1.2	5.7	2.14	0.22	9.82	1108.	58.	3.
361	0000	-677	37.8414	80.8487	MBP	0.5	1.2	5.7	2.20	0.21	10.47	1066.	57.	2.
362	0000	-677	37.8409	80.8487	MBP	0.5	1.2	5.8	2.24	0.21	10.61	1025.	57.	3.
363	0000	-680	37.8405	80.8488	MBP	0.5	1.2 -	5.4	2.29	0.22	10.44	994.	58.	3.
364	0000	-680	37.8400	80.8488	MBP	0.5 -	1.7	5.2	3.56 +	0.32	11.28 +	997.	60.	2.
365	0000	-678	37.8396	80.8489	MBP	0.4 -	1.6	5.4	3.84 +	0.30	12.61 +	1013.	61.	2.
366	0000	-680	37.8391	80.8489	MBP	0.5 -	1.7	5.6	3.84 +	0.31	12.48 +	1046.	59.	1.
367	0000	-681	37.8387	80.8489	MBP	0.5 -	1.7	6.0	3.70 +	0.28	13.19 +	1059.	59.	1.
368	0000	-680	37.8382	80.8490	MBP	0.5 -	1.5	6.1	3.02	0.24	12.56 +	1078.	61.	1.
369	0000	-680	37.8378	80.8490	MBP	0.5 -	1.8	5.7	3.67 +	0.32	11.53 +	1101.	60.	1.
370	0000	-681	37.8373	80.8490	MBP	0.5	1.9	6.1	3.65 +	0.31	11.66 +	1119.	59.	1.
371	0000	-683	37.8369	80.8491	MBP	0.6	1.4	6.1	2.61	0.24	11.06 +	1102.	58.	1.
372	0000	-683	37.8365	80.8491	MBP	0.6	1.5	5.8	2.43	0.26	9.44	1117.	55.	2.
373	0000	-683	37.8360	80.8491	MBP	0.6	1.4	5.7	2.39	0.25	9.52	1118.	56.	2.
374	0000	-682	37.8356	80.8491	MBP	0.6	1.6	5.6	2.59	0.28	9.08	1113.	57.	3.
375	0000	-683	37.8352	80.8491	MBP	0.5	1.9	5.2	3.51 +	0.37 +	9.50	1107.	56.	2.
376	0000	-682	37.8347	80.8492	MBP	0.5 -	1.9	5.2	4.10 +	0.36 +	11.32 +	1073.	57.	3.
377	0000	-683	37.8342	80.8492	MBP	0.4 -	1.9	4.9	4.58 +	0.38 +	12.20 +	1042.	57.	3.
378	0000	-684	37.8338	80.8493	MBP	0.4 -	2.1	5.0	5.28 ++	0.43 +	12.36 +	1029.	57.	2.
379	0000	-684	37.8334	80.8493	MBP	0.4 -	2.0	5.1	5.50 ++	0.40 +	13.82 ++	990.	60.	2.
380	0000	-683	37.8329	80.8493	MBP	0.4 -	2.2 +	4.9	6.03 ++	0.45 +	13.42 +	975.	59.	1.
381	0000	-685	37.8325	80.8493	MBP	0.3 -	2.2 +	4.8 -	6.90 ++	0.46 +	14.94 ++	971.	58.	1.
382	0000	-685	37.8320	80.8493	MBP	0.3 -	2.1	4.9	6.36 ++	0.43 +	14.71 ++	956.	56.	1.
383	0000	-684	37.8316	80.8493	MBP	0.4 -	2.0	5.1	5.47 ++	0.40 +	13.61 +	949.	55.	0.
384	0000	-686	37.8311	80.8495	MBP	0.4 -	2.1	5.2	5.69 ++	0.40 +	14.08 ++	934.	56.	0.
385	0000	-688	37.8307	80.8495	MBP	0.4 -	2.0	5.0	5.64 ++	0.40 +	14.00 ++	939.	55.	0.
386	0000	-688	37.8303	80.8495	MBP	0.4 -	2.2 +	4.9	6.37 ++	0.45 +	14.01 ++	968.	51.	0.
387	0000	-687	37.8298	80.8495	MH	0.4 -	2.1	5.3	5.91 ++	0.40 +	14.82 ++	998.	51.	0.
388	0000	-686	37.8294	80.8495	MH	0.4 -	2.1	5.5	5.34 ++	0.38 +	13.96 ++	1046.	50.	0.
389	0000	-686	37.8289	80.8496	MH	0.4 -	2.2	6.0	4.90 +	0.36 +	13.70 +	1117.	51.	1.
390	0000	-687	37.8285	80.8496	MH	0.5 -	2.1	6.6	4.15 +	0.31	13.25 +	1176.	51.	1.
391	0000	-689	37.8280	80.8496	MH	0.6	1.9	6.5	3.36 +	0.29	11.50 +	1226.	50.	1.
392	0000	-690	37.8276	80.8497	MH	0.6	1.9	6.8	3.02	0.27	11.05 +	1260.	50.	2.
393	0000	-691	37.8271	80.8497	MH	0.6	1.6	6.8	2.51	0.23	10.88 +	1234.	56.	2.
394	0000	-691	37.8267	80.8497	MH	0.6	1.5	6.7	2.35	0.22	10.62	1208.	59.	2.
395	0000	-692	37.8263	80.8497	MH	0.6	1.4	6.4	2.33	0.22	10.61	1161.	60.	2.
396	0000	-692	37.8258	80.8497	MH	0.6	1.3	6.2	2.33	0.21	11.09 +	1097.	63.	2.
397	0000	-692	37.8253	80.8498	MBP	0.5	1.3	5.5	2.51	0.24	10.54	1049.	63.	2.
398	0000	-693	37.8249	80.8498	MBP	0.5 -	1.5	5.2	3.04	0.28	10.99 +	1011.	63.	1.
399	0000	-694	37.8245	80.8498	MBP	0.5 -	1.5	5.0	3.12	0.30	10.55	988.	63.	1.
400	0000	-694	37.8240	80.8499	MBP	0.5 -	1.6	5.3	3.39 +	0.31	11.06 +	1011.	62.	1.
401	0000	-691	37.8236	80.8499	MBP	0.5 -	1.6	5.1	3.31	0.31	10.53	1034.	60.	1.
402	0000	-691	37.8232	80.8500	MBP	0.5	1.7	5.1	3.19	0.33	9.67	1075.	59.	1.
403	0000	-694	37.8227	80.8500	MBP	0.5	1.8	5.1	3.25	0.35	9.32	1112.	58.	0.
404	0000	-694	37.8222	80.8500	MBP	0.6	1.9	5.5	3.29	0.34	9.62	1151.	59.	0.
405	0000	-695	37.8219	80.8501	MBP	0.6	1.8	5.7	3.12	0.31	10.03	1162.	60.	0.
406	0000	-695	37.8214	80.8501	MBP	0.5	1.9	5.5	3.59 +	0.34	10.43	1147.	60.	0.
407	0000	-694	37.8209	80.8501	MBP	0.5	1.8	5.5	3.49 +	0.33	10.55	1134.	56.	0.
408	0000	-694	37.8205	80.8501	MBP	0.5	1.8	5.7	3.49 +	0.33	10.71	1111.	56.	0.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-696	37.8201	80.8501		MBP	0.5 -	1.7	5.5	3.65 +	0.32	11.43 +	1077.	56.	0.
410	0000	-696	37.8196	80.8502		MBP	0.5 -	1.6	5.6	3.29	0.29	11.37 +	1051.	55.	0.
411	0000	-698	37.8192	80.8502		MBP	0.5 -	1.5	5.3	3.02	0.28	10.91	1019.	56.	1.
412	0000	-698	37.8187	80.8502		MBP	0.5 -	1.5	5.1	3.08	0.29	10.76	1011.	55.	1.
413	0000	-698	37.8183	80.8503		MBP	0.5 -	1.4	5.3	2.95	0.27	11.00 +	1006.	55.	2.
414	0000	-698	37.8178	80.8503		MBP	0.5 -	1.5	5.1	3.14	0.29	10.81	1008.	56.	2.
415	0000	-695	37.8174	80.8503		MBP	0.5 -	1.6	5.3	3.37 +	0.29	11.49 +	1024.	56.	2.
416	0000	-696	37.8169	80.8503		MBP	0.5	1.6	5.4	3.21	0.30	10.74	1043.	56.	3.
417	0000	-698	37.8165	80.8503		MBP	0.5 -	1.9	5.7	4.02 +	0.33	12.34 +	1053.	56.	2.
418	0000	-698	37.8161	80.8504		MBP	0.5 -	1.9	6.0	4.16 +	0.31	13.36 +	1067.	52.	2.
419	0000	-698	37.8156	80.8504		MBP	0.5 -	1.9	6.2	3.99 +	0.31	12.87 +	1065.	52.	2.
420	0000	-700	37.8151	80.8504		MBP	0.5	1.7	6.2	3.43 +	0.28	12.29 +	1061.	51.	2.
421	0000	-698	37.8147	80.8505		MBP	0.5 -	1.6	6.2	3.31	0.27	12.44 +	1050.	52.	2.
422	0000	-698	37.8143	80.8505		MBP	0.5 -	1.6	5.8	3.25	0.27	12.14 +	1040.	50.	4.
423	0000	-700	37.8138	80.8505		MBP	0.5 -	1.4	5.8	2.90	0.24	12.28 +	1028.	51.	5.
424	0000	-699	37.8134	80.8506		MBP	0.5	1.1 -	5.6	2.18	0.20	10.85	1023.	51.	6.
425	0000	-699	37.8130	80.8506		MH	0.6	1.0 -	5.1 -	1.85	0.20	9.23	1026.	53.	7.
426	0000	-700	37.8125	80.8506		MH	0.6	0.9 -	5.1 -	1.60	0.19 -	8.61	1044.	54.	9.
427	0000	-700	37.8120	80.8507		MH	0.6	1.0 -	5.3	1.68	0.19 -	8.82	1080.	54.	10.
428	0000	-699	37.8116	80.8507		MH	0.6	1.0 -	5.5	1.53	0.18 -	8.56	1119.	55.	10.
429	0000	-701	37.8112	80.8507		MH	0.7	1.1 -	5.5	1.55	0.20 -	7.83	1146.	57.	9.
430	0000	-702	37.8107	80.8507		MH	0.7	1.3	5.4	1.84	0.24	7.69	1176.	54.	8.
431	0000	-701	37.8102	80.8507		MH	0.8	1.4	5.4	1.84	0.26	7.01	1215.	53.	7.
432	0000	-701	37.8099	80.8508		MH	0.8	1.7	6.0	2.09	0.28	7.52	1266.	53.	6.
433	0000	-701	37.8094	80.8508		MH	0.8	1.9	5.8	2.34	0.34	6.99	1310.	53.	4.
434	0000	-703	37.8089	80.8509		MH	0.9	2.1	6.2	2.45	0.34	7.17	1365.	52.	3.
435	0000	-704	37.8085	80.8509		MH	0.9	2.3 +	6.2	2.43	0.37 +	6.62	1395.	53.	2.
436	0000	-704	37.8081	80.8509		MH	1.0	2.3 +	6.6	2.35	0.35 +	6.72	1438.	53.	2.
437	0000	-703	37.8076	80.8509		MH	1.0	2.5 +	6.8	2.44	0.37 +	6.67	1495.	55.	1.
438	0000	-704	37.8072	80.8509		MH	1.1	2.5 +	7.2	2.35	0.35 +	6.76	1549.	54.	1.
439	0000	-705	37.8067	80.8509		MH	1.1	2.5 +	7.2	2.24	0.34	6.56	1571.	53.	2.
440	0000	-704	37.8063	80.8510		MH	1.1	2.2	7.6	1.98	0.29	6.78	1598.	52.	2.
441	0000	-704	37.8058	80.8510		MH	1.1 +	2.2	7.3	1.97	0.31	6.42 -	1613.	54.	2.
442	0000	-707	37.8054	80.8511		MH	1.1 +	2.1	7.5	1.89	0.29	6.63	1622.	53.	3.
443	0000	-707	37.8049	80.8511		MH	1.1	2.0	7.5	1.84	0.27	6.91	1606.	52.	3.
444	0000	-705	37.8045	80.8511		MH	1.1	1.8	7.9	1.64	0.22	7.40	1580.	51.	3.
445	0000	-707	37.8040	80.8512		MH	1.0	1.8	7.9	1.85	0.23	8.18	1551.	53.	3.
446	0000	-706	37.8036	80.8512		MH	1.0	1.7	8.1 +	1.75	0.21	8.52	1535.	54.	3.
447	0000	-707	37.8031	80.8512		MH	0.9	1.6	8.3 +	1.85	0.19 -	9.53	1502.	54.	3.
448	0000	-709	37.8027	80.8512		MH	0.8	1.5	8.3 +	1.85	0.19 -	9.96	1464.	53.	2.
449	0000	-708	37.8023	80.8513		MH	0.8	1.5	8.3 +	1.87	0.18 -	10.19	1454.	52.	2.
450	0000	-709	37.8018	80.8513		MH	0.8	1.6	8.1 +	1.86	0.19 -	9.62	1478.	53.	2.
451	0000	-710	37.8014	80.8513		MH	0.9	1.6	8.3 +	1.73	0.19 -	9.19	1495.	51.	2.
452	0000	-712	37.8010	80.8513		MH	0.9	1.6	8.3 +	1.73	0.20 -	8.86	1513.	50.	1.
453	0000	-713	37.8005	80.8514		MH	0.9	1.8	8.2 +	1.98	0.22	9.08	1537.	50.	1.
454	0000	-711	37.8000	80.8514		MH	1.0	2.0	8.0	2.10	0.25	8.37	1586.	51.	2.
455	0000	-713	37.7996	80.8514		MH	1.0	1.9	8.1 +	1.80	0.23	7.87	1620.	52.	2.
456	0000	-716	37.7992	80.8515		MH	1.1	1.9	8.7 +	1.74	0.22	7.96	1674.	51.	3.
457	0000	-715	37.7989	80.8515		MH	1.1	1.7	8.8 +	1.53	0.19 -	7.94	1664.	54.	4.
458	0000	-716	37.7986	80.8515		MH	1.1	1.7	8.3 +	1.56	0.20	7.69	1634.	56.	5.
459	0000	-718	37.7982	80.8516		MH	1.1	1.5	8.1 +	1.39 -	0.19 -	7.42	1615.	57.	5.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-718	37.7979	80.8517		MH	1.1	1.5	7.9	1.41 -	0.19 -	7.41	1571.	56.	6.
461	0000	-719	37.7975	80.8517		MH	1.0	1.4	7.9	1.36 -	0.18 -	7.49	1505.	57.	6.
462	0000	-720	37.7972	80.8517		MH	1.0	1.5	7.3	1.54	0.21	7.35	1448.	56.	6.
463	0000	-719	37.7968	80.8517		MH	0.9	1.5	6.5	1.66	0.23	7.19	1363.	57.	5.
464	0000	-721	37.7965	80.8518		MH	0.8	1.8	6.2	2.09	0.29	7.33	1327.	53.	4.
465	0000	-720	37.7961	80.8519		MH	0.8	1.7	6.3	2.07	0.28	7.51	1314.	51.	4.
466	0000	-720	37.7958	80.8519		MH	0.8	1.6	6.2	1.98	0.26	7.70	1294.	52.	5.
467	0000	-723	37.7954	80.8520		MH	0.9	1.4	6.5	1.67	0.22	7.66	1309.	51.	4.
468	0000	-725	37.7951	80.8520		MH	0.8	1.4	6.7	1.71	0.22	7.96	1323.	47.	3.
469	0000	-722	37.7948	80.8520		MH	0.8	1.4	7.0	1.71	0.20	8.45	1362.	45.	4.
470	0000	-724	37.7944	80.8521		MH	0.9	1.4	7.1	1.63	0.20 -	8.26	1392.	46.	4.
471	0000	-725	37.7940	80.8521		MH	0.9	1.3	7.3	1.48	0.18 -	8.36	1414.	48.	5.
472	0000	-724	37.7937	80.8522		MH	0.9	1.4	7.3	1.50	0.19 -	7.89	1431.	49.	5.
473	0000	-725	37.7933	80.8522		MH	1.0	1.5	7.1	1.45	0.21	7.08	1450.	50.	5.
474	0000	-726	37.7930	80.8522		MH	1.0	1.5	7.1	1.53	0.22	7.09	1461.	50.	5.
475	0000	-726	37.7926	80.8524		MH	1.0	1.6	7.0	1.59	0.24	6.74	1473.	53.	5.
476	0000	-727	37.7923	80.8524		MH	1.0	1.7	7.1	1.60	0.24	6.79	1465.	54.	4.
477	0000	-726	37.7919	80.8524		MH	1.1	1.7	7.2	1.63	0.24	6.74	1458.	52.	3.
478	0000	-726	37.7916	80.8525		MH	1.1	1.7	7.1	1.61	0.24	6.59	1464.	51.	2.
479	0000	-728	37.7912	80.8525		MH	1.1	1.6	6.9	1.55	0.24	6.53	1459.	51.	2.
480	0000	-728	37.7909	80.8526		MH	1.0	1.6	7.0	1.57	0.23	6.78	1443.	51.	1.
481	0000	-727	37.7906	80.8526		MH	1.0	1.6	7.0	1.50	0.22	6.69	1425.	51.	0.
482	0000	-730	37.7902	80.8526		MH	1.0	1.4	6.7	1.34 -	0.20	6.64	1400.	49.	0.
483	0000	-731	37.7899	80.8527		MH	1.0	1.2 -	6.4	1.28 -	0.19 -	6.57	1355.	52.	0.
484	0000	-730	37.7895	80.8527		MH	0.9	1.2 -	5.9	1.34 -	0.20	6.58	1306.	54.	0.
485	0000	-729	37.7891	80.8528		MH	0.8	1.3	5.5	1.58	0.24	6.62	1240.	57.	0.
486	0000	-730	37.7888	80.8529		MH	0.8	1.4	5.5	1.79	0.25	7.17	1197.	55.	0.
487	0000	-730	37.7884	80.8529		MH	0.7	1.5	5.1 -	2.19	0.29	7.57	1133.	55.	0.
488	0000	-731	37.7881	80.8530		MH	0.6	1.6	4.9 -	2.57	0.33	7.88	1087.	55.	0.
489	0000	-733	37.7877	80.8530		MH	0.6	1.8	4.9 -	3.07	0.36 +	8.46	1069.	56.	0.
490	0000	-733	37.7874	80.8530		MH	0.6	1.9	4.8 -	3.50 +	0.41 +	8.58	1071.	54.	0.
491	0000	-731	37.7871	80.8531		MH	0.5	2.0	4.9 -	3.76 +	0.42 +	9.03	1077.	53.	0.
492	0000	-732	37.7867	80.8531		MH	0.5	2.0	5.2 -	3.60 +	0.38 +	9.48	1100.	51.	1.
493	0000	-734	37.7864	80.8532		MH	0.6	2.0	5.3	3.45 +	0.37 +	9.38	1125.	52.	1.
494	0000	-733	37.7860	80.8532		MBP	0.6	2.0	5.5	3.27	0.36 +	9.16	1173.	53.	1.
495	0000	-733	37.7857	80.8532		MBP	0.6	1.8	5.9	2.94	0.30	9.71	1209.	53.	2.
496	0000	-734	37.7853	80.8533		MBP	0.7	1.7	6.3	2.55	0.27	9.47	1247.	54.	2.
497	0000	-734	37.7850	80.8533		MBP	0.7	1.7	6.3	2.37	0.26	9.09	1282.	54.	3.
498	0000	-733	37.7847	80.8534		MBP	0.8	1.7	6.5	2.23	0.26	8.69	1335.	56.	3.
499	0000	-735	37.7843	80.8534		MBP	0.8	1.7	6.7	2.10	0.26	8.17	1392.	56.	3.
500	0000	-736	37.7839	80.8534		MBP	0.8	1.8	6.7	2.17	0.27	8.08	1401.	56.	3.
501	0000	-736	37.7836	80.8535		MBP	0.8	1.7	7.1	2.06	0.24	8.60	1408.	55.	3.
502	0000	-736	37.7832	80.8536		MBP	0.9	1.7	6.9	1.98	0.25	7.92	1403.	56.	2.
503	0000	-736	37.7829	80.8536		MBP	0.8	1.7	6.7	2.07	0.26	8.01	1377.	57.	3.
504	0000	-737	37.7825	80.8537		MBP	0.8	1.7	6.9	2.02	0.25	8.17	1349.	56.	2.
505	0000	-738	37.7822	80.8537		MBP	0.8	1.6	6.8	1.99	0.24	8.36	1305.	54.	2.
506	0000	-737	37.7818	80.8537		MBP	0.7	1.7	6.5	2.30	0.26	8.80	1247.	55.	2.
507	0000	-735	37.7815	80.8538		MBP	0.7	1.7	6.4	2.36	0.26	9.02	1220.	56.	2.
508	0000	-735	37.7812	80.8538		MBP	0.7	1.7	6.1	2.66	0.29	9.35	1203.	59.	3.
509	0000	-738	37.7808	80.8539		MBP	0.6	1.9	5.6	3.02	0.33	9.20	1177.	61.	3.
510	0000	-740	37.7805	80.8539		MBP	0.7	1.8	5.7	2.77	0.32	8.70	1159.	58.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-739	37.7801	80.8539		MBP	0.6	1.9	5.6	3.15	0.34	9.35	1148.	58.	3.
512	0000	-740	37.7798	80.8540		MBP	0.6	1.9	5.6	3.14	0.33	9.41	1152.	60.	3.
513	0000	-741	37.7794	80.8540		MBP	0.6	1.7	5.8	2.60	0.29	8.92	1160.	59.	3.
514	0000	-740	37.7791	80.8541		MBP	0.6	1.6	6.0	2.56	0.27	9.47	1176.	58.	2.
515	0000	-741	37.7787	80.8542		MBP	0.7	1.5	6.3	2.13	0.24	8.93	1190.	56.	2.
516	0000	-742	37.7784	80.8542		MBP	0.7	1.6	6.2	2.16	0.25	8.53	1212.	54.	1.
517	0000	-742	37.7780	80.8543		MBP	0.7	1.6	6.2	2.24	0.27	8.40	1237.	56.	1.
518	0000	-742	37.7776	80.8543		MBP	0.8	1.6	6.3	2.03	0.26	7.80	1261.	58.	1.
519	0000	-741	37.7773	80.8543		MBP	0.9	1.7	6.1	1.94	0.28	6.94	1281.	59.	0.
520	0000	-739	37.7770	80.8544		MBP	0.9	1.9	5.7	2.13	0.34	6.32 -	1288.	61.	0.
521	0000	-741	37.7766	80.8544		MH	1.0	2.1	5.7	2.16	0.36 +	5.96 -	1304.	62.	1.
522	0000	-743	37.7763	80.8545		MH	1.0	2.2	5.0 -	2.31	0.44 +	5.20 -	1315.	62.	1.
523	0000	-744	37.7759	80.8546		MH	0.9	2.2	5.6	2.31	0.39 +	5.88 -	1340.	60.	1.
524	0000	-744	37.7756	80.8546		MH	1.0	2.1	5.7	2.17	0.37 +	5.88 -	1337.	60.	2.
525	0000	-743	37.7752	80.8547		MH	0.9	2.2	5.4	2.32	0.40 +	5.72 -	1341.	57.	3.
526	0000	-743	37.7749	80.8547		MH	0.9	2.0	5.7	2.30	0.36 +	6.46 -	1317.	56.	3.
527	0000	-745	37.7746	80.8547		MH	0.8	1.9	6.0	2.22	0.31	7.24	1309.	56.	3.
528	0000	-746	37.7742	80.8548		MH	0.8	1.9	6.1	2.34	0.31	7.62	1299.	56.	3.
529	0000	-744	37.7738	80.8548		MH	0.8	1.9	6.6	2.35	0.28	8.41	1299.	54.	3.
530	0000	-745	37.7735	80.8549		MH	0.8	1.9	6.1	2.41	0.31	7.73	1295.	55.	4.
531	0000	-745	37.7731	80.8549		MH	0.8	2.0	6.3	2.71	0.32	8.38	1297.	56.	3.
532	0000	-745	37.7728	80.8549		MH	0.8	1.7	6.8	2.27	0.25	8.95	1301.	55.	3.
533	0000	-746	37.7724	80.8550		MH	0.8	1.8	6.8	2.32	0.28	8.34	1338.	53.	3.
534	0000	-746	37.7721	80.8550		MH	0.9	1.8	6.8	2.05	0.26	7.88	1370.	52.	4.
535	0000	-744	37.7717	80.8551		MH	0.9	1.7	7.0	1.80	0.24	7.35	1397.	52.	4.
536	0000	-746	37.7714	80.8551		MH	1.0	1.7	7.0	1.65	0.24	6.87	1435.	53.	4.
537	0000	-745	37.7710	80.8551		MH	1.1	1.5	7.7	1.35 -	0.19 -	7.09	1464.	53.	5.
538	0000	-744	37.7707	80.8552		MH	1.2 +	1.3 -	7.7	1.09 -	0.16 -	6.63	1517.	51.	6.
539	0000	-748	37.7704	80.8552		MH	1.2 +	1.4	7.5	1.20 -	0.19 -	6.28 -	1567.	51.	7.
540	0000	-749	37.7700	80.8553		MH	1.2 +	1.4	7.7	1.16 -	0.19 -	6.18 -	1605.	52.	7.
541	0000	-748	37.7697	80.8554		MH	1.2 +	1.6	7.8	1.30 -	0.20	6.42 -	1640.	52.	7.
542	0000	-749	37.7693	80.8554		MH	1.2 +	1.6	8.0	1.29 -	0.20	6.43 -	1684.	51.	8.
543	0000	-750	37.7690	80.8554		MH	1.2 +	1.6	8.1 +	1.31 -	0.20	6.50 -	1730.	50.	9.
544	0000	-751	37.7686	80.8555		MH	1.2 +	1.6	8.1 +	1.28 -	0.20 -	6.54	1762.	49.	10.
545	0000	-751	37.7682	80.8555		MH	1.2 +	1.6	8.2 +	1.35 -	0.20 -	6.78	1755.	51.	10.
546	0000	-749	37.7679	80.8556		MH	1.2 +	1.6	8.3 +	1.31 -	0.19 -	6.85	1750.	51.	9.
547	0000	-749	37.7675	80.8556		MH	1.2 +	1.6	8.1 +	1.36 -	0.20 -	6.91	1733.	51.	10.
548	0000	-752	37.7672	80.8556		MH	1.2 +	1.7	8.2 +	1.48	0.21	6.94	1744.	51.	11.
549	0000	-751	37.7669	80.8557		MH	1.2 +	1.7	8.0	1.41 -	0.21	6.61	1740.	51.	11.
550	0000	-749	37.7665	80.8557		MH	1.2 +	1.5	8.0	1.25 -	0.18 -	6.82	1704.	50.	10.
551	0000	-750	37.7662	80.8558		MH	1.2 +	1.6	8.0	1.39 -	0.20	6.98	1688.	53.	10.
552	0000	-751	37.7658	80.8558		MH	1.2 +	1.6	8.2 +	1.37 -	0.20 -	7.01	1698.	50.	10.
553	0000	-751	37.7655	80.8559		MH	1.2 +	1.6	8.5 +	1.34 -	0.18 -	7.28	1702.	49.	10.
554	0000	-754	37.7652	80.8560		MH	1.2 +	1.5	8.5 +	1.25 -	0.18 -	6.98	1707.	51.	10.
555	0000	-752	37.7648	80.8560		MH	1.2 +	1.4	8.2 +	1.11 -	0.17 -	6.67	1703.	50.	10.
556	0000	-749	37.7645	80.8560		MH	1.2 +	1.3	8.0	1.11 -	0.17 -	6.58	1685.	48.	10.
557	0000	-750	37.7641	80.8561		MH	1.2 +	1.4	7.8	1.12 -	0.18 -	6.36 -	1687.	49.	10.
558	0000	-753	37.7638	80.8561		MH	1.2 +	1.4	7.7	1.14 -	0.18 -	6.37 -	1696.	48.	10.
559	0000	-755	37.7634	80.8562		MH	1.2 +	1.5	7.6	1.21 -	0.20 -	6.13 -	1717.	47.	10.
560	0000	-755	37.7630	80.8562		MH	1.3 +	1.6	7.8	1.24 -	0.21	5.99 -	1782.	46.	11.
561	0000	-756	37.7627	80.8562		MH	1.3 +	1.5	8.9 +	1.16 -	0.17 -	6.87	1825.	47.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-757	37.7623	80.8564		MH	1.3 +	1.7	9.0 +	1.31 -	0.18 -	7.14	1814.	46.	10.
563	0000	-757	37.7620	80.8564		MH	1.2 +	1.8	9.1 +	1.51	0.20	7.52	1794.	48.	8.
564	0000	-757	37.7616	80.8564		MH	1.2 +	2.1	8.8 +	1.79	0.24	7.50	1753.	47.	7.
565	0000	-758	37.7613	80.8564		MH	1.1 +	2.0	8.3 +	1.75	0.24	7.[illegible]	1686.	47.	6.
566	0000	-757	37.7609	80.8565		MH	1.1	1.9	7.9	1.85	0.25	7.54	1601.	48.	5.
567	0000	-757	37.7606	80.8566		MH	0.9	2.0	6.9	2.11	0.28	7.44	1473.	51.	3.
568	0000	-758	37.7603	80.8566		MH	0.9	2.0	5.9	2.38	0.35 +	6.87	1383.	50.	2.
569	0000	-759	37.7599	80.8566		MH	0.9	1.8	5.7	2.03	0.31	6.63	1324.	54.	2.
570	0000	-760	37.7596	80.8567		MH	0.8	1.5	5.6	1.78	0.27	6.61	1302.	53.	2.
571	0000	-761	37.7592	80.8567		MH	0.8	1.5	5.6	1.86	0.27	6.95	1298.	55.	2.
572	0000	-759	37.7589	80.8568		MH	0.9	1.6	5.8	1.92	0.28	6.76	1325.	54.	3.
573	0000	-759	37.7585	80.8568		MH	0.9	1.8	5.8	1.93	0.30	6.36 -	1370.	53.	3.
574	0000	-760	37.7582	80.8568		MH	0.9	1.8	6.3	1.97	0.29	6.79	1407.	52.	4.
575	0000	-761	37.7578	80.8569		MH	0.9	1.8	6.3	1.97	0.29	6.70	1437.	52.	6.
576	0000	-762	37.7575	80.8569		MH	1.0	1.8	6.4	1.83	0.28	6.50 -	1465.	51.	7.
577	0000	-761	37.7571	80.8570		MH	1.0	2.1	6.7	2.14	0.31	6.90	1491.	52.	7.
578	0000	-759	37.7567	80.8571		MH	1.1	1.9	7.1	1.75	0.26	6.75	1511.	52.	7.
579	0000	-762	37.7564	80.8571		MH	1.0	1.9	6.7	1.85	0.28	6.52	1490.	53.	8.
580	0000	-762	37.7561	80.8571		MH	1.0	1.8	7.2	1.73	0.24	7.06	1458.	54.	8.
581	0000	-760	37.7557	80.8571		MH	1.0	1.6	7.1	1.53	0.22	6.99	1434.	55.	8.
582	0000	-762	37.7554	80.8572		MH	1.0	1.4	6.8	1.39 -	0.21	6.72	1399.	56.	8.
583	0000	-764	37.7551	80.8573		MH	1.0	1.5	6.9	1.52	0.22	7.04	1383.	56.	9.
584	0000	-761	37.7547	80.8573		MH	1.0	1.4	7.0	1.45	0.20	7.19	1370.	57.	9.
585	0000	-762	37.7543	80.8573		MH	0.9	1.4	7.0	1.50	0.20 -	7.56	1340.	59.	8.
586	0000	-764	37.7540	80.8573		MH	0.9	1.1 -	7.3	1.27 -	0.15 -	8.32	1322.	59.	8.
587	0000	-764	37.7537	80.8574		MH	0.8	1.2 -	6.8	1.54	0.18 -	8.57	1307.	59.	8.
588	0000	-766	37.7533	80.8575		MH	0.8	1.2 -	6.6	1.53	0.18 -	8.55	1283.	60.	7.
589	0000	-767	37.7530	80.8575		MH	0.7	1.3	6.8	1.78	0.20 -	9.04	1275.	63.	6.
590	0000	-765	37.7526	80.8575		MH	0.7	1.3	6.4	1.86	0.21	9.03	1256.	61.	4.
591	0000	-767	37.7522	80.8577		MH	0.7	1.2 -	5.8	1.68	0.21	7.97	1214.	61.	3.
592	0000	-767	37.7519	80.8577		MH	0.7	1.5	5.3	2.15	0.28	7.65	1198.	60.	3.
593	0000	-766	37.7515	80.8577		MH	0.6	1.8	5.5	2.82	0.32	8.81	1220.	60.	3.
594	0000	-768	37.7512	80.8577		MH	0.7	1.9	5.5	2.94	0.35 +	8.35	1243.	60.	2.
595	0000	-767	37.7509	80.8578		MH	0.7	2.1	5.5	2.97	0.37 +	7.96	1264.	61.	2.
596	0000	-767	37.7505	80.8579		MH	0.7	2.0	5.8	2.82	0.35 +	8.15	1291.	61.	3.
597	0000	-768	37.7502	80.8579		MH	0.7	1.8	6.3	2.47	0.29	8.64	1316.	61.	4.
598	0000	-768	37.7498	80.8579		MH	0.7	1.9	6.6	2.65	0.29	9.08	1349.	61.	5.
599	0000	-770	37.7495	80.8580		MH	0.8	1.7	7.1	2.15	0.24	9.12	1382.	61.	6.
600	0000	-772	37.7491	80.8580		MH	0.8	1.5	7.2	1.94	0.21	9.11	1377.	60.	6.
601	0000	-769	37.7488	80.8581		MH	0.8	1.4	7.2	1.76	0.20	8.83	1366.	59.	7.
602	0000	-768	37.7484	80.8581		MH	0.8	1.5	7.3	1.93	0.21	9.37	1363.	58.	6.
603	0000	-770	37.7481	80.8582		MH	0.7	1.8	7.1	2.41	0.25	9.68	1344.	54.	6.
604	0000	-773	37.7477	80.8582		MBP	0.7	2.0	6.8	2.94	0.29	9.99	1321.	54.	5.
605	0000	-773	37.7474	80.8582		MBP	0.7	1.7	6.7	2.43	0.26	9.49	1329.	53.	6.
606	0000	-774	37.7470	80.8583		MBP	0.7	1.9	6.3	2.73	0.30	9.09	1314.	54.	6.
607	0000	-775	37.7467	80.8583		MBP	0.8	1.8	6.2	2.28	0.28	8.09	1310.	56.	6.
608	0000	-770	37.7463	80.8584		MBP	0.8	1.7	6.1	2.26	0.28	8.16	1304.	57.	7.
609	0000	-768	37.7460	80.8585		MBP	0.8	1.5	6.3	1.87	0.24	7.86	1298.	56.	8.
610	0000	-772	37.7456	80.8585		MBP	0.8	1.4	6.1	1.67	0.22	7.48	1293.	58.	9.
611	0000	-773	37.7453	80.8585		MBP	0.8	1.3	5.7	1.55 -	0.22	6.99	1267.	58.	9.
612	0000	-772	37.7449	80.8586		MBP	0.7	1.4	5.5	1.87	0.25	7.56	1209.	59.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-772	37.7446	80.8586		MBP	0.7	1.2	5.3	1.77	0.23	7.68	1159.	59.	10.
614	0000	-771	37.7443	80.8587		MBP	0.6	1.3	4.9 -	2.07	0.27	7.74	1105.	59.	10.
615	0000	-771	37.7439	80.8587		MBP	0.6	1.3	5.0	2.06	0.25	8.15	1053.	59.	8.
616	0000	-772	37.7436	80.8588		MBP	0.5	1.3	4.5 -	2.40	0.28	8.50	989.	61.	8.
617	0000	-772	37.7432	80.8588		MBP	0.5 -	1.3	4.2 -	2.57	0.30	8.51	941.	61.	8.
618	0000	-771	37.7429	80.8588		MBP	0.5 -	1.2	4.0 -	2.64	0.30	8.67	910.	62.	8.
619	0000	-772	37.7425	80.8589		MBP	0.5 -	1.2	4.3 -	2.66	0.28	9.36	896.	61.	7.
620	0000	-774	37.7421	80.8589		MBP	0.5 -	1.2	4.3 -	2.65	0.28	9.43	886.	59.	6.
621	0000	-773	37.7418	80.8590		MBP	0.4 -	1.1 -	4.9	2.67	0.23	11.55 +	901.	58.	6.
622	0000	-773	37.7414	80.8590		MBP	0.4 -	1.2	4.9	2.92	0.25	11.73 +	932.	57.	6.
623	0000	-775	37.7411	80.8590		MBP	0.5 -	1.3	5.1	2.58	0.25	10.38	986.	57.	6.
624	0000	-776	37.7407	80.8591		MBP	0.5 -	1.3	5.2	2.74	0.25	11.08 +	1012.	57.	5.
625	0000	-775	37.7404	80.8592		MBP	0.5 -	1.6	5.6	3.30	0.28	11.97 +	1058.	57.	5.
626	0000	-774	37.7401	80.8592		MBP	0.5 -	1.6	5.7	3.47 +	0.29	12.13 +	1091.	57.	5.
627	0000	-772	37.7397	80.8592		MBP	0.5 -	1.7	5.5	3.58 +	0.31	11.57 +	1117.	58.	5.
628	0000	-771	37.7394	80.8592		MBP	0.5	1.8	5.3	3.41 +	0.33	10.20	1128.	56.	6.
629	0000	-772	37.7390	80.8594		MBP	0.5	1.6	5.2	3.16	0.32	9.98	1113.	55.	6.
630	0000	-774	37.7387	80.8594		MBP	0.5	1.7	5.5	3.25	0.30	10.69	1114.	53.	6.
631	0000	-772	37.7383	80.8594		MBP	0.6	1.5	6.0	2.56	0.25	10.31	1149.	51.	6.
632	0000	-772	37.7380	80.8595		MBP	0.7	1.3	6.0	1.96	0.21	9.19	1184.	50.	7.
633	0000	-775	37.7377	80.8596		MBP	0.7	1.3	6.3	1.85	0.21	8.70	1220.	49.	7.
634	0000	-778	37.7373	80.8596		MBP	0.8	1.5	6.7	1.94	0.22	8.81	1244.	48.	6.
635	0000	-777	37.7369	80.8596		MBP	0.8	1.2	6.3	1.59	0.19 -	8.19	1245.	48.	7.
636	0000	-775	37.7366	80.8596		MBP	0.8	1.3	6.2	1.69	0.21	8.06	1254.	50.	8.
637	0000	-777	37.7362	80.8597		MBP	0.7	1.2	5.9	1.66	0.21	8.07	1234.	51.	9.
638	0000	-781	37.7359	80.8598		MBP	0.6	1.0 -	5.9	1.55 -	0.17 -	9.11	1185.	54.	10.
639	0000	-780	37.7355	80.8598		MBP	0.6	0.8 -	6.0	1.46 -	0.14 --	10.36	1132.	55.	11.
640	0000	-777	37.7352	80.8598		MBP	0.6	0.6 --	5.8	1.11 -	0.11 ---	10.31	1087.	57.	12.
641	0000	-777	37.7348	80.8598		MBP	0.5	0.5 --	5.5	1.03 --	0.09 ---	10.91	1061.	58.	12.
642	0000	-778	37.7345	80.8599		MBP	0.5 -	0.7 --	5.4	1.45 -	0.13 --	11.45 +	1057.	59.	12.
643	0000	-779	37.7342	80.8600		MBP	0.5	0.6 --	5.8	1.16 -	0.10 ---	11.36 +	1064.	57.	13.
644	0000	-779	37.7338	80.8600		MBP	0.5 -	0.8 -	5.5	1.76	0.15 -	11.54 +	1067.	58.	12.
645	0000	-779	37.7335	80.8600		MBP	0.5	1.1 -	5.1	2.02	0.22	9.36	1082.	55.	12.
646	0000	-779	37.7331	80.8601		MBP	0.6	1.2 -	4.9	2.01	0.24	8.33	1086.	56.	12.
647	0000	-781	37.7328	80.8602		MBP	0.6	1.4	4.6 -	2.54	0.31	8.17	1071.	55.	11.
648	0000	-780	37.7324	80.8602		MBP	0.6	1.3	4.6 -	2.35	0.29	8.02	1053.	55.	11.
649	0000	-779	37.7321	80.8602		MBP	0.6	1.3	4.8 -	2.20	0.27	8.22	1037.	56.	11.
650	0000	-778	37.7317	80.8603		MBP	0.6	1.4	4.7 -	2.47	0.30	8.32	1019.	57.	10.
651	0000	-778	37.7313	80.8604		MBP	0.6	1.1 -	4.9	1.93	0.23	8.34	1033.	58.	10.
652	0000	-778	37.7310	80.8604		MBP	0.6	1.1 -	5.2	1.83	0.21	8.81	1068.	59.	10.
653	0000	-778	37.7307	80.8605		MBP	0.6	1.3	5.5	2.20	0.24	9.14	1120.	59.	8.
654	0000	-780	37.7303	80.8605		MBP	0.7	1.3	5.7	1.94	0.23	8.33	1179.	62.	8.
655	0000	-781	37.7300	80.8605		MBP	0.7	1.5	6.2	2.16	0.24	8.92	1246.	63.	7.
656	0000	-780	37.7296	80.8606		MBP	0.7	1.7	6.5	2.42	0.27	9.06	1321.	63.	5.
657	0000	-780	37.7293	80.8606		MBP	0.7	2.0	6.8	2.63	0.29	9.15	1407.	62.	4.
658	0000	-780	37.7289	80.8607		PPP	0.8	2.2	7.2	2.67 +	0.30	8.75 +	1450.	62.	3.
659	0000	-780	37.7286	80.8607		PPP	0.9	2.4 +	7.3	2.81 +	0.33	8.53 +	1486.	61.	2.
660	0000	-781	37.7282	80.8607		PPP	0.9	2.5 +	7.4	2.85 +	0.34	8.44 +	1510.	62.	1.
661	0000	-782	37.7279	80.8608		PPP	0.8	2.5 +	7.8	2.97 +	0.32	9.26 +	1519.	59.	1.
662	0000	-783	37.7276	80.8608		PPP	0.8	2.4 +	7.6	2.92 +	0.32	9.07 +	1505.	58.	1.
663	0000	-782	37.7272	80.8609		PPP	0.8	2.3	7.6	2.77 +	0.30	9.13 +	1491.	60.	1.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-781	37.7269	80.8609	PPP	0.8	2.1	7.2	2.55 +	0.29	8.71 +	1435.	62.	2.
665	0000	-783	37.7265	80.8609	MBP	0.8	2.0	7.2	2.51	0.27	9.16	1411.	62.	3.
666	0000	-783	37.7261	80.8611	MBP	0.7	1.8	6.9	2.37	0.26	9.20	1348.	62.	4.
667	0000	-783	37.7258	80.8611	MBP	0.7	1.7	6.5	2.32	0.26	9.06	1299.	63.	4.
668	0000	-784	37.7254	80.8611	MBP	0.7	1.6	6.1	2.27	0.27	8.56	1276.	63.	5.
669	0000	-783	37.7251	80.8612	MBP	0.7	1.6	6.0	2.28	0.27	8.50	1284.	63.	5.
670	0000	-783	37.7247	80.8612	MBP	0.7	1.9	5.7	2.67	0.33	8.10	1288.	60.	5.
671	0000	-784	37.7244	80.8613	MBP	0.7	1.9	5.7	2.65	0.34	7.78	1304.	58.	5.
672	0000	-784	37.7240	80.8613	MBP	0.7	2.1 +	5.3	2.98	0.41 +	7.34	1297.	59.	5.
673	0000	-782	37.7237	80.8613	MBP	0.7	2.5 +	5.6	3.49 +	0.44 +	7.86	1340.	59.	4.
674	0000	-782	37.7234	80.8614	MBP	0.7	2.5 +	5.9	3.49 +	0.43 +	8.16	1363.	57.	3.
675	0000	-783	37.7230	80.8614	MBP	0.7	2.7 ++	6.2	3.78 +	0.44 +	8.67	1370.	57.	3.
676	0000	-785	37.7227	80.8615	MBP	0.7	2.7 ++	6.2	3.85 +	0.44 +	8.68	1358.	59.	2.
677	0000	-782	37.7223	80.8615	MBP	0.7	2.6 ++	6.0	3.66 +	0.43 +	8.47	1336.	61.	3.
678	0000	-780	37.7220	80.8615	MBP	0.6	2.8 ++	5.9	4.28 +	0.47 ++	9.20	1332.	61.	3.
679	0000	-783	37.7216	80.8616	MBP	0.6	2.6 ++	6.2	4.16 +	0.42 +	9.81	1339.	60.	3.
680	0000	-785	37.7212	80.8617	MBP	0.7	2.3 +	6.2	3.41 +	0.37 +	9.32	1324.	59.	4.
681	0000	-783	37.7209	80.8617	MBP	0.6	2.1	6.1	3.26 +	0.34	9.66	1306.	60.	5.
682	0000	-783	37.7206	80.8617	MBP	0.6	1.9	5.9	2.97	0.32	9.28	1304.	59.	6.
683	0000	-784	37.7202	80.8617	MBP	0.6	1.8	6.3	2.77	0.28	9.73	1322.	56.	7.
684	0000	-783	37.7198	80.8618	MBP	0.7	1.6	6.4	2.38	0.25	9.40	1327.	54.	8.
685	0000	-782	37.7195	80.8619	MBP	0.7	1.4	6.5	2.10	0.22	9.40	1345.	54.	10.
686	0000	-783	37.7192	80.8619	MH	0.7	1.4	6.4	1.89	0.22	8.61	1373.	53.	10.
687	0000	-785	37.7188	80.8620	MH	0.8	1.5	6.6	1.91	0.23	8.42	1421.	52.	10.
688	0000	-788	37.7185	80.8620	MH	0.9	1.4	7.2	1.50	0.19 -	7.80	1489.	51.	10.
689	0000	-787	37.7181	80.8620	MH	1.0	1.2 -	7.6	1.24 -	0.16 -	7.73	1523.	51.	10.
690	0000	-785	37.7178	80.8622	MH	1.0	1.1 -	7.3	1.04 -	0.14 --	7.20	1552.	50.	10.
691	0000	-785	37.7174	80.8622	MH	1.0	1.5	7.5	1.48	0.20 -	7.58	1559.	50.	8.
692	0000	-788	37.7171	80.8622	MH	1.0	1.5	7.7	1.40 -	0.19 -	7.36	1542.	48.	7.
693	0000	-789	37.7168	80.8622	MH	1.0	1.4	7.6	1.44	0.19 -	7.69	1485.	48.	7.
694	0000	-789	37.7164	80.8623	MH	0.9	1.5	7.0	1.65	0.21	7.76	1402.	50.	6.
695	0000	-788	37.7160	80.8624	MH	0.8	1.6	6.0	2.09	0.27	7.78	1305.	50.	7.
696	0000	-787	37.7157	80.8624	MH	0.7	1.8	5.6	2.65	0.31	8.46	1232.	51.	7.
697	0000	-787	37.7153	80.8624	MH	0.6	2.1	5.3	3.28	0.39 +	8.38	1162.	52.	6.
698	0000	-789	37.7150	80.8625	MH	0.6	1.8	5.2 -	2.91	0.34 +	8.50	1127.	52.	8.
699	0000	-789	37.7146	80.8625	MH	0.5	1.7	5.1 -	3.12	0.33	9.41	1097.	54.	8.
700	0000	-790	37.7143	80.8626	MH	0.6	1.6	5.1 -	2.93	0.32	9.11	1107.	54.	9.
701	0000	-793	37.7140	80.8626	MH	0.6	1.6	5.3	2.75	0.30	9.11	1153.	52.	9.
702	0000	-790	37.7136	80.8626	MH	0.6	1.6	6.1	2.80	0.26	10.62	1195.	52.	8.
703	0000	-787	37.7132	80.8627	MH	0.6	1.6	6.3	2.66	0.26	10.35	1272.	52.	8.
704	0000	-790	37.7129	80.8627	MH	0.6	1.6	6.8	2.77	0.23	11.90 +	1329.	55.	7.
705	0000	-790	37.7126	80.8628	MH	0.6	1.6	7.3	2.69	0.22	12.22 +	1398.	54.	7.
706	0000	-788	37.7122	80.8629	MH	0.7	1.8	7.[illegible]	2.59	0.23	11.20 +	1493.	56.	6.
707	0000	-791	37.7119	80.8629	MH	0.7	1.9	8.0	2.68	0.24	11.05 +	1553.	58.	5.
708	0000	-789	37.7115	80.8630	MH	0.7	2.0	7.8	2.67	0.25	10.49	1579.	58.	5.
709	0000	-787	37.7112	80.8630	MH	0.8	2.0	7.7	2.45	0.26	9.33	1611.	58.	5.
710	0000	-792	37.7107	80.8630	MH	0.8	2.0	7.7	2.37	0.26	9.14	1594.	57.	5.
711	0000	-792	37.7103	80.8629	MH	0.9	1.7	7.6	1.82	0.22	8.13	1581.	56.	5.
712	0000	-788	37.7099	80.8628	MH	0.9	1.9	7.7	2.11	0.25	8.35	1557.	57.	5.
713	0000	-790	37.7095	80.8628	MH	0.9	1.7	7.2	1.97	0.24	8.33	1492.	60.	5.
714	0000	-791	37.7090	80.8627	MH	0.9	1.7	7.2	1.97	0.24	8.31	1467.	59.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-791	37.7086	80.8626		MH	0.8	1.8	7.5	2.21	0.24	9.15	1432.	60.	3.
716	0000	-791	37.7082	80.8626		MH	0.8	2.0	7.2	2.50	0.27	9.17	1398.	60.	2.
717	0000	-789	37.7078	80.8626		MH	0.8	2.0	7.1	2.56	0.28	9.08	1378.	63.	2.
718	0000	-789	37.7073	80.8625		MH	0.7	2.2	6.9	3.15	0.32	9.80	1361.	62.	1.
719	0000	-791	37.7069	80.8625		MBP	0.7	2.0	6.6	2.71	0.31	8.81	1339.	62.	1.
720	0000	-791	37.7064	80.8625		MBP	0.7	2.2 +	6.6	3.02	0.34	8.92	1356.	58.	1.
721	0000	-790	37.7060	80.8624		MBP	0.7	2.1	6.6	2.85	0.32	8.90	1351.	59.	2.
722	0000	-789	37.7056	80.8623		MBP	0.8	2.0	6.2	2.54	0.32	8.01	1361.	59.	4.
723	0000	-790	37.7052	80.8623		MBP	0.8	1.8	6.4	2.27	0.27	8.26	1368.	59.	5.
724	0000	-791	37.7047	80.8622		MBP	0.8	1.5	6.5	1.93	0.24	8.19	1372.	58.	6.
725	0000	-790	37.7043	80.8622		MBP	0.8	1.5	6.4	1.79	0.23	7.89	1379.	56.	7.
726	0000	-791	37.7039	80.8621		MBP	0.8	1.4	6.5	1.70	0.21	8.05	1385.	56.	8.
727	0000	-790	37.7034	80.8621		MBP	0.9	1.3	6.6	1.48 -	0.19 -	7.71	1414.	57.	8.
728	0000	-789	37.7030	80.8620		MH	0.8	1.5	6.8	1.77	0.22	8.08	1450.	56.	8.
729	0000	-790	37.7026	80.8619		MH	0.8	1.5	7.6	1.84	0.20	9.20	1477.	56.	7.
730	0000	-789	37.7021	80.8619		MH	0.8	1.8	7.7	2.14	0.23	9.31	1500.	57.	5.
731	0000	-790	37.7017	80.8619		MH	0.8	2.2	7.8	2.66	0.29	9.32	1542.	55.	4.
732	0000	-791	37.7013	80.8618		MH	0.8	2.6 +	7.8	3.29	0.34	9.79	1560.	55.	3.
733	0000	-791	37.7009	80.8617		MH	0.8	2.9 ++	7.9	3.74 +	0.36 +	10.30	1584.	57.	1.
734	0000	-790	37.7005	80.8617		MH	0.7	2.9 ++	8.0	3.97 +	0.36 +	11.08 +	1568.	56.	1.
735	0000	-790	37.7000	80.8616		MH	0.7	2.8 ++	7.9	3.96 +	0.35 +	11.35 +	1535.	58.	1.
736	0000	-791	37.6996	80.8616		MH	0.7	2.8 ++	7.1	4.16 +	0.40 +	10.44	1493.	57.	1.
737	0000	-790	37.6991	80.8616		MH	0.7	2.7 +	6.9	4.13 +	0.40 +	10.40	1446.	56.	2.
738	0000	-790	37.6987	80.8615		MH	0.6	2.5 +	6.5	4.19 +	0.38 +	10.96 +	1368.	59.	3.
739	0000	-792	37.6983	80.8614		MH	0.6	2.2	6.1	3.81 +	0.36 +	10.59	1313.	59.	4.
740	0000	-792	37.6979	80.8614		MH	0.6	1.9	5.9	3.34	0.33	10.17	1259.	55.	6.
741	0000	-790	37.6974	80.8614		MH	0.6	1.9	5.8	3.43 +	0.33	10.26	1219.	54.	7.
742	0000	-791	37.6970	80.8613		MH	0.6	1.7	5.6	2.84	0.30	9.37	1201.	54.	9.
743	0000	-793	37.6965	80.8612		MH	0.6	1.5	6.0	2.32	0.25	9.33	1234.	53.	11.
744	0000	-793	37.6962	80.8612		MH	0.7	1.3	6.2	1.89	0.21	8.89	1283.	52.	13.
745	0000	-794	37.6957	80.8612		MH	0.8	1.2 -	7.0	1.54	0.18 -	8.73	1375.	51.	14.
746	0000	-795	37.6953	80.8611		MH	0.9	1.0 -	7.1	1.15 -	0.14 --	8.28	1446.	51.	16.
747	0000	-796	37.6948	80.8611		MH	1.0	0.8 --	7.3	0.82 --	0.11 ---	7.65	1508.	51.	18.
748	0000	-797	37.6944	80.8611		MH	1.0	0.7 --	7.3	0.77 --	0.10 ---	7.46	1544.	50.	19.
749	0000	-797	37.6940	80.8609		MH	1.0	0.8 -	7.4	0.83 --	0.11 ---	7.62	1550.	48.	19.
750	0000	-796	37.6936	80.8609		MH	0.9	0.7 --	7.1	0.78 --	0.10 ---	7.67	1505.	48.	18.
751	0000	-796	37.6931	80.8609		MH	0.9	0.7 --	6.7	0.79 --	0.11 ---	7.25	1440.	49.	18.
752	0000	-795	37.6927	80.8608		MH	0.9	0.6 --	6.1	0.69 --	0.10 ---	7.16	1339.	49.	17.
753	0000	-797	37.6922	80.8607		MH	0.8	0.8 --	6.1	0.98 -	0.13 --	7.62	1270.	49.	15.
754	0000	-798	37.6918	80.8607		MH	0.7	1.1 -	5.8	1.60	0.19 -	8.21	1220.	51.	14.
755	0000	-798	37.6914	80.8607		MH	0.7	1.0 -	5.9	1.46	0.17 -	8.40	1184.	53.	12.
756	0000	-800	37.6910	80.8606		MH	0.6	1.0 -	5.6	1.68	0.18 -	9.11	1130.	55.	11.
757	0000	-797	37.6905	80.8605		MH	0.5	1.2 -	5.4	2.21	0.22	10.04	1084.	54.	9.
758	0000	-797	37.6901	80.8605		MH	0.4 -	1.4	5.4	3.33	0.26	12.72 +	1035.	52.	7.
759	0000	-799	37.6897	80.8605		MH	0.4 -	1.5	5.1 -	4.16 +	0.29	14.22 ++	986.	52.	5.
760	0000	-800	37.6893	80.8604		MH	0.3 -	1.5	4.9 -	4.47 +	0.30	14.92 ++	940.	53.	4.
761	0000	-798	37.6889	80.8604		MH	0.3 -	1.4	4.5 -	5.07 +	0.31	16.36 ++	887.	54.	3.
762	0000	-799	37.6884	80.8603		MH	0.2 --	1.4	4.4 -	7.34 ++	0.32	23.04 +++	832.	54.	2.
763	0000	-800	37.6880	80.8602		MH	0.2 --	1.6	4.3 -	7.74 ++	0.37 +	20.71 +++	835.	54.	2.
764	0000	-801	37.6875	80.8602		MH	0.2 --	1.6	4.1 -	7.28 ++	0.38 +	19.39 +++	832.	54.	2.
765	0000	-803	37.6871	80.8602		MH	0.2 --	1.4	3.8 --	5.98 ++	0.38 +	15.67 ++	836.	56.	4.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880; DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK. UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-802	37.6867	80.8601	MH	0.3 -	1.5	3.4 --	5.10 ++	0.42 +	12.06 +	842.	57.	5.
767	0000	-804	37.6863	80.8600	MH	0.3 -	1.3 -	3.7 --	3.99 +	0.34	11.87 +	853.	57.	5.
768	0000	-804	37.6858	80.8600	MH	0.3 -	1.1 -	4.1 -	3.53 +	0.28	12.70 +	856.	55.	6.
769	0000	-802	37.6854	80.8599	MH	0.4 -	1.2 -	3.8 --	3.25	0.31	10.60	860.	56.	6.
770	0000	-801	37.6850	80.8599	MH	0.4 -	1.0 -	3.5 --	2.65	0.28	9.46	853.	57.	7.
771	0000	-801	37.6846	80.8599	MH	0.4 -	1.1 -	3.5 --	2.74	0.30	9.13	874.	60.	7.
772	0000	-802	37.6841	80.8598	MH	0.4 -	1.3 -	4.1 -	3.39 +	0.31	10.93 +	907.	61.	6.
773	0000	-804	37.6837	80.8597	MH	0.4 -	1.3	4.3 -	3.45 +	0.31	11.14 +	937.	61.	5.
774	0000	-803	37.6832	80.8597	MH	0.4 -	1.7	4.1 -	4.53 +	0.43 +	10.63	974.	60.	5.
775	0000	-800	37.6828	80.8597	MH	0.4 -	1.8	4.1 -	4.35 +	0.43 +	10.13	1006.	59.	5.
776	0000	-801	37.6824	80.8596	MH	0.4 -	2.0	4.6 -	4.92 +	0.43 +	11.44 +	1035.	60.	5.
777	0000	-803	37.6820	80.8595	MH	0.4 -	2.0	4.8 -	5.24 ++	0.42 +	12.42 +	1052.	61.	5.
778	0000	-804	37.6815	80.8595	MH	0.4 -	2.0	4.9 -	4.67 +	0.40 +	11.67 +	1062.	59.	6.
779	0000	-804	37.6811	80.8595	MBP	0.5 -	1.6	4.9	3.45 +	0.33	10.59	1062.	59.	8.
780	0000	-805	37.6807	80.8594	MBP	0.4 -	1.5	5.2	3.40 +	0.29	11.89 +	1066.	56.	9.
781	0000	-804	37.6802	80.8593	MBP	0.4 -	1.2 -	5.2	2.87	0.23	12.60 +	1038.	57.	11.
782	0000	-803	37.6798	80.8593	MBP	0.4 -	1.2 -	5.2	2.94	0.23	12.88 +	1021.	59.	12.
783	0000	-804	37.6794	80.8592	MBP	0.4 -	0.9 -	4.8 -	2.06	0.18 -	11.52 +	1001.	58.	15.
784	0000	-805	37.6790	80.8592	MBP	0.4 -	0.8 -	4.7 -	1.99	0.17 -	11.39 +	1005.	56.	16.
785	0000	-805	37.6785	80.8592	MBP	0.4 -	0.6 --	4.6 -	1.58	0.13 --	11.78 +	990.	59.	17.
786	0000	-806	37.6781	80.8591	MBP	0.4 -	0.5 --	4.9	1.31 -	0.10 ---	13.31 +	987.	57.	18.
787	0000	-807	37.6777	80.8590	MBP	0.4 -	0.6 --	5.0	1.74	0.13 --	13.89 ++	992.	60.	17.
788	0000	-806	37.6773	80.8590	MBP	0.4 -	0.7 --	4.8 -	1.86	0.14 --	12.98 +	1006.	59.	16.
789	0000	-807	37.6768	80.8590	MBP	0.4 -	0.7 --	5.2	1.66	0.13 --	12.86 +	1032.	58.	15.
790	0000	-808	37.6764	80.8589	MBP	0.4 -	1.1 -	5.3	2.86	0.20	14.16 ++	1043.	58.	13.
791	0000	-806	37.6759	80.8588	MBP	0.4 -	1.0 -	5.4	2.71	0.18 -	14.98 ++	1031.	59.	12.
792	0000	-807	37.6756	80.8588	MBP	0.4 -	1.1 -	5.6	3.14	0.20 -	15.93 ++	1030.	59.	11.
793	0000	-808	37.6751	80.8588	MBP	0.4 -	1.5	5.5	4.05 +	0.27	15.28 ++	1030.	61.	9.
794	0000	-808	37.6747	80.8587	MBP	0.4 -	1.4	5.3	3.65 +	0.27	13.77 ++	1030.	64.	8.
795	0000	-808	37.6742	80.8586	MBP	0.4 -	1.6	5.1	3.83 +	0.30	12.56 +	1025.	66.	8.
796	0000	-808	37.6738	80.8586	MBP	0.4 -	1.6	4.2 -	4.01 +	0.39 +	10.34	989.	66.	8.
797	0000	-807	37.6734	80.8585	MBP	0.5 -	1.5	4.4 -	3.29	0.34	9.68	970.	65.	8.
798	0000	-809	37.6730	80.8585	MBP	0.5 -	1.5	4.2 -	3.25	0.36 +	8.90	949.	62.	7.
799	0000	-810	37.6725	80.8585	MBP	0.5 -	1.7	4.1 -	3.66 +	0.41 +	8.85	952.	60.	7.
800	0000	-811	37.6721	80.8584	MBP	0.5 -	1.6	3.9 -	3.26	0.40 +	8.12	934.	58.	7.
801	0000	-813	37.6716	80.8583	MBP	0.5 -	1.5	4.2 -	3.29	0.36 +	9.08	925.	55.	9.
802	0000	-812	37.6712	80.8583	MBP	0.4 -	1.4	4.5 -	3.11	0.31	10.19	914.	55.	9.
803	0000	-811	37.6708	80.8582	MBP	0.4 -	1.4	5.4	3.43 +	0.26	13.30 +	935.	53.	9.
804	0000	-813	37.6704	80.8582	MBP	0.3 -	1.5	5.3	4.41 +	0.27	16.24 ++	944.	55.	10.
805	0000	-812	37.6699	80.8581	MH	0.3 -	1.7	5.3	5.64 ++	0.31	18.02 +++	963.	57.	10.
806	0000	-810	37.6695	80.8581	MH	0.3 -	1.5	5.1 -	4.74 +	0.30	15.78 ++	977.	57.	10.
807	0000	-812	37.6691	80.8580	MH	0.3 -	1.5	5.2 -	4.84 +	0.29	16.74 ++	1002.	55.	11.
808	0000	-811	37.6687	80.8580	MH	0.3 -	1.5	5.1 -	4.70 +	0.29	16.34 ++	1006.	55.	11.
809	0000	-812	37.6682	80.8580	MH	0.3 -	1.3	5.0 -	4.64 +	0.26	17.61 ++	1008.	55.	12.
810	0000	-814	37.6678	80.8579	MH	0.3 -	1.4	4.8 -	4.29 +	0.29	14.97 ++	1010.	56.	13.
811	0000	-812	37.6674	80.8578	MH	0.4 -	1.2 -	4.9 -	3.37 +	0.25	13.24 +	1023.	56.	14.
812	0000	-811	37.6669	80.8578	MH	0.4 -	1.0 -	5.1 -	2.50	0.19 -	13.31 +	1052.	56.	14.
813	0000	-812	37.6665	80.8578	MH	0.4 -	0.9 -	5.6	2.39	0.17 -	14.44 ++	1076.	56.	15.
814	0000	-813	37.6661	80.8577	MH	0.4 -	1.0 -	5.7	2.29	0.18 -	13.01 +	1121.	57.	15.
815	0000	-813	37.6657	80.8576	MH	0.5 -	1.2 -	5.8	2.63	0.22	12.16 +	1170.	57.	14.
816	0000	-811	37.6652	80.8576	MH	0.5 -	1.5	6.1	2.95	0.24	12.09 +	1218.	57.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-812	37.6648	80.8575		MH	0.5 -	1.5	6.4	2.78	0.23	12.16 +	1280.	57.	11.
818	0000	-813	37.6644	80.8575		MH	0.6	1.5	6.9	2.37	0.22	10.83 +	1343.	53.	10.
819	0000	-811	37.6639	80.8574		MH	0.7	1.7	6.8	2.30	0.25	9.33	1399.	51.	9.
820	0000	-810	37.6635	80.8574		MH	0.8	1.6	7.2	1.92	0.22	8.75	1461.	52.	8.
821	0000	-815	37.6631	80.8573		MH	0.9	1.8	7.3	2.01	0.25	8.19	1510.	53.	8.
822	0000	-814	37.6626	80.8573		MH	0.9	1.9	7.9	2.01	0.24	8.37	1584.	51.	7.
823	0000	-813	37.6622	80.8573		MH	1.1	2.1	8.2 +	1.89	0.25	7.53	1672.	50.	7.
824	0000	-815	37.6618	80.8572		MH	1.2 +	2.1	8.3 +	1.73	0.25	6.85	1746.	49.	7.
825	0000	-815	37.6613	80.8571		MH	1.2 +	2.5 +	8.2 +	2.08	0.30	6.86	1788.	50.	6.
826	0000	-814	37.6609	80.8571		MH	1.2 +	2.6 +	8.8 +	2.18	0.30	7.36	1819.	50.	6.
827	0000	-814	37.6605	80.8571		MH	1.1 +	2.8 ++	8.6 +	2.49	0.33	7.52	1807.	51.	5.
828	0000	-814	37.6600	80.8569		MH	1.1 +	2.6 +	8.5 +	2.25	0.30	7.49	1776.	50.	6.
829	0000	-813	37.6597	80.8569		MH	1.1 +	2.3 +	8.1 +	2.02	0.28	7.11	1733.	51.	7.
830	0000	-813	37.6592	80.8569		MH	1.1	2.0	8.2 +	1.83	0.24	7.55	1688.	52.	8.
831	0000	-812	37.6588	80.8568		MH	1.0	2.0	8.0	2.01	0.25	8.02	1615.	51.	9.
832	0000	-812	37.6583	80.8568		MH	1.0	1.8	7.6	1.83	0.23	7.96	1576.	50.	10.
833	0000	-813	37.6579	80.8568		MH	0.9	1.7	7.2	1.84	0.24	7.81	1540.	50.	11.
834	0000	-810	37.6575	80.8567		MH	1.0	1.5	7.1	1.53	0.21	7.42	1532.	47.	12.
835	0000	-812	37.6571	80.8566		MH	0.9	1.5	7.1	1.72	0.21	8.05	1518.	49.	12.
836	0000	-813	37.6567	80.8566		MH	0.9	1.6	6.9	1.84	0.23	8.11	1495.	51.	12.
837	0000	-811	37.6562	80.8566		MH	0.8	1.7	6.2	2.19	0.27	8.09	1453.	50.	12.
838	0000	-811	37.6558	80.8565		MH	0.7	1.6	5.8	2.29	0.28	8.10	1416.	53.	12.
839	0000	-813	37.6553	80.8564		MH	0.7	1.5	5.9	2.09	0.25	8.47	1369.	54.	11.
840	0000	-811	37.6549	80.8564		MH	0.7	1.4	5.7	2.09	0.25	8.46	1305.	53.	9.
841	0000	-811	37.6545	80.8564		MH	0.6	1.3	5.6	2.21	0.24	9.35	1242.	54.	9.
842	0000	-813	37.6541	80.8562		MH	0.6	1.6	5.5	2.89	0.30	9.61	1228.	53.	7.
843	0000	-814	37.6536	80.8562		MH	0.6	1.4	6.1	2.34	0.23	10.11	1230.	51.	5.
844	0000	-814	37.6532	80.8562		MH	0.6	1.3	6.6	2.05	0.20	10.15	1245.	50.	4.
845	0000	-814	37.6527	80.8561		MH	0.7	1.5	6.9	2.04	0.21	9.58	1297.	47.	3.
846	0000	-815	37.6524	80.8561		MH	0.8	1.7	7.3	2.01	0.23	8.73	1384.	47.	2.
847	0000	-814	37.6519	80.8561		MH	0.9	1.8	7.6	1.94	0.23	8.29	1493.	46.	3.
848	0000	-814	37.6515	80.8560		MH	1.0	2.1	8.0	2.05	0.26	7.85	1602.	46.	3.
849	0000	-814	37.6510	80.8559		MH	1.1 +	1.9	8.8 +	1.69	0.22	7.76	1680.	45.	3.
850	0000	-815	37.6506	80.8559		MH	1.1	2.2	8.4 +	1.94	0.26	7.54	1698.	46.	4.
851	0000	-818	37.6502	80.8559		(WATER)	1.1	2.2	8.4	1.93	0.26	7.37	1725.	47.	5.
852	0000	-816	37.6498	80.8557		(WATER)	1.2	1.8	8.7	1.53	0.20	7.57	1726.	48.	7.
853	0000	-814	37.6493	80.8557		(WATER)	1.2	1.7	8.4	1.47	0.20	7.28	1708.	47.	8.
854	0000	-816	37.6489	80.8557		(WATER)	1.1	1.4	8.5	1.25	0.16	7.61	1682.	50.	9.
855	0000	-817	37.6484	80.8556		MBF-2	1.1	1.1 -	8.5	1.01 -	0.13 -	7.68	1659.	50.	9.
856	0000	-813	37.6480	80.8556		MBF-2	1.1	1.3 -	7.9	1.19 -	0.16 -	7.37	1612.	51.	9.
857	0000	-814	37.6476	80.8556		MBF-2	1.0	1.2 -	7.7	1.19 -	0.16 -	7.42	1595.	52.	9.
858	0000	-817	37.6472	80.8555		MBF-2	1.1	1.1 -	7.5	1.02 -	0.15 -	7.05	1571.	54.	8.
859	0000	-818	37.6469	80.8555		MH	1.0	1.4	7.2	1.40 -	0.20	7.02	1555.	51.	8.
860	0000	-817	37.6465	80.8555		MH	1.0	1.4	7.1	1.46	0.20	7.23	1532.	52.	8.
861	0000	-816	37.6461	80.8555		MH	1.0	1.5	6.8	1.52	0.22	6.87	1517.	50.	8.
862	0000	-816	37.6457	80.8555		MH	1.0	1.6	6.8	1.60	0.24	6.77	1490.	51.	8.
863	0000	-816	37.6454	80.8555		MH	1.0	1.3	6.8	1.38 -	0.20 -	7.01	1468.	50.	9.
864	0000	-818	37.6450	80.8554		MH	1.0	1.3	7.0	1.28 -	0.19 -	6.89	1464.	49.	10.
865	0000	-816	37.6446	80.8554		MH	0.9	1.4	7.2	1.44	0.19 -	7.66	1460.	47.	10.
866	0000	-814	37.6442	80.8554		MH	0.9	1.1 -	7.2	1.19 -	0.15 -	7.66	1435.	49.	11.
867	0000	-815	37.6439	80.8554		MH	1.0	0.9 -	7.2	0.98 -	0.13 --	7.58	1427.	48.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-814	37.6435	80.8554	MH	0.9	1.0 -	7.5	1.06 -	0.13 --	7.97	1423.	50.	11.
869	0000	-814	37.6431	80.8554	MH	0.9	1.0 -	7.4	1.08 -	0.14 --	7.84	1438.	48.	11.
870	0000	-816	37.6427	80.8554	MH	1.0	1.1 -	7.5	1.11 -	0.15 --	7.51	1475.	49.	10.
871	0000	-817	37.6423	80.8554	MH	1.0	1.1 -	7.4	1.08 -	0.15 --	7.17	1511.	51.	9.
872	0000	-817	37.6420	80.8554	MH	1.1 +	1.1 -	7.4	0.97 -	0.15 --	6.46 -	1556.	53.	8.
873	0000	-816	37.6415	80.8554	MH	1.2 +	1.3	7.4	1.12 -	0.18 -	6.29 -	1600.	52.	7.
874	0000	-814	37.6412	80.8554	MH	1.2 +	1.4	7.5	1.20 -	0.19 -	6.39 -	1624.	54.	6.
875	0000	-816	37.6408	80.8554	MH	1.2 +	1.4	7.4	1.18 -	0.20 -	6.04 -	1647.	53.	6.
876	0000	-819	37.6404	80.8554	MH	1.2 +	1.6	7.1	1.34 -	0.23	5.88 -	1655.	54.	6.
877	0000	-817	37.6401	80.8554	MH	1.3 +	1.5	7.5	1.23 -	0.21	5.96 -	1666.	52.	5.
878	0000	-816	37.6397	80.8553	MH	1.2 +	1.7	7.3	1.36 -	0.23	5.93 -	1665.	50.	5.
879	0000	-817	37.6393	80.8553	MH	1.2 +	1.9	7.2	1.60	0.26	6.12 -	1660.	49.	4.
880	0000	-817	37.6389	80.8553	MH	1.2 +	1.9	7.6	1.64	0.25	6.59	1655.	52.	3.
881	0000	-818	37.6385	80.8553	MH	1.2 +	1.9	7.5	1.65	0.26	6.46 -	1634.	51.	3.
882	0000	-816	37.6382	80.8553	MH	1.1	1.9	7.4	1.77	0.26	6.78	1597.	52.	3.
883	0000	-815	37.6378	80.8553	MH	1.1	1.8	7.5	1.72	0.25	7.00	1551.	50.	3.
884	0000	-818	37.6374	80.8552	MH	1.0	1.8	6.8	1.89	0.27	6.98	1489.	53.	4.
885	0000	-820	37.6370	80.8552	MH	0.9	1.8	6.6	2.03	0.27	7.53	1427.	54.	4.
886	0000	-819	37.6366	80.8552	MH	0.9	1.6	6.7	1.81	0.23	7.77	1372.	54.	5.
887	0000	-817	37.6363	80.8552	MH	0.8	1.4	6.3	1.70	0.22	7.85	1305.	53.	6.
888	0000	-819	37.6359	80.8552	MH	0.7	1.4	5.9	2.01	0.24	8.35	1240.	54.	7.
889	0000	-820	37.6355	80.8552	MH	0.7	1.2 -	5.7	1.79	0.21	8.36	1181.	53.	8.
890	0000	-819	37.6351	80.8552	MH	0.6	1.0 -	5.4	1.72	0.19 -	9.06	1108.	54.	10.
891	0000	-820	37.6347	80.8551	MBP	0.5	1.1 -	5.1	2.07	0.21	9.74	1036.	54.	10.
892	0000	-823	37.6344	80.8551	MBP	0.5 -	0.9 -	4.7 -	2.03	0.20 -	10.18	977.	53.	11.
893	0000	-822	37.6340	80.8551	MBP	0.4 -	0.8 -	4.2 -	2.21	0.20 -	11.10 +	907.	53.	12.
894	0000	-820	37.6336	80.8551	MBP	0.3 -	0.8 -	3.7 -	2.48	0.22	11.16 +	861.	53.	13.
895	0000	-820	37.6332	80.8551	MBP	0.3 -	0.8 -	4.0 -	2.60	0.20	12.90 +	837.	52.	12.
896	0000	-821	37.6328	80.8551	MBP	0.3 -	0.9 -	3.8 -	3.40 +	0.24	13.90 ++	813.	54.	11.
897	0000	-820	37.6325	80.8551	MBP	0.3 -	1.1 -	3.7 -	4.23 +	0.31	13.59 +	821.	55.	10.
898	0000	-820	37.6321	80.8551	MBP	0.3 -	1.1 -	4.0 -	3.80 +	0.27	13.95 ++	835.	55.	9.
899	0000	-821	37.6317	80.8551	MBP	0.3 -	1.2 -	4.3 -	4.03 +	0.27	14.75 ++	850.	54.	7.
900	0000	-821	37.6313	80.8551	MBP	0.3 -	1.4	4.4 -	4.48 +	0.33	13.73 +	870.	54.	6.
901	0000	-821	37.6309	80.8551	MBP	0.3 -	1.6	4.2 -	5.09 ++	0.38 +	13.48 +	890.	54.	5.
902	0000	-821	37.6306	80.8551	MBP	0.3 -	1.7	4.0 -	5.01 ++	0.42 +	12.07 +	899.	57.	5.
903	0000	-819	37.6302	80.8551	MBP	0.3 -	1.7	4.0 -	5.71 ++	0.43 +	13.13 +	921.	56.	5.
904	0000	-820	37.6298	80.8550	MBP	0.3 -	1.8	4.0 -	6.35 ++	0.45 +	13.96 ++	939.	57.	6.
905	0000	-823	37.6294	80.8550	MBP	0.3 -	1.8	4.0 -	6.77 ++	0.46 +	14.78 ++	957.	58.	6.
906	0000	-823	37.6290	80.8550	MBP	0.3 -	1.7	3.8 -	5.68 ++	0.46 +	12.43 +	978.	61.	8.
907	0000	-823	37.6287	80.8550	MBP	0.3 -	1.7	3.9 -	5.90 ++	0.43 +	13.59 +	989.	63.	9.
908	0000	-820	37.6283	80.8550	MBP	0.3 -	1.7	4.2 -	5.68 ++	0.40 +	14.30 ++	999.	63.	9.
909	0000	-820	37.6279	80.8550	MBP	0.3 -	1.6	4.6 -	5.76 ++	0.35	16.67 ++	1018.	58.	10.
910	0000	-822	37.6275	80.8550	MBP	0.3 --	1.6	4.6 -	6.33 ++	0.35	18.13 +++	1023.	57.	11.
911	0000	-823	37.6272	80.8549	MBP	0.3 -	1.5	4.9	4.69 +	0.31	15.33 ++	1037.	56.	11.
912	0000	-822	37.6268	80.8549	MBP	0.3 -	1.6	5.1	4.93 ++	0.32	15.38 ++	1038.	57.	11.
913	0000	-823	37.6264	80.8549	MBP	0.3 -	1.8	5.4	5.10 ++	0.33	15.63 ++	1027.	54.	10.
914	0000	-823	37.6261	80.8549	MBP	0.3 -	1.7	5.4	5.02 ++	0.32	15.79 ++	1040.	51.	10.
915	0000	-821	37.6257	80.8549	MBP	0.4 -	1.7	5.7	4.48 +	0.30	15.08 ++	1052.	51.	10.
916	0000	-822	37.6252	80.8550	MBP	0.4 -	1.7	5.5	4.26 +	0.31	13.95 ++	1046.	53.	9.
917	0000	-822	37.6249	80.8550	MBP	0.4 -	1.5	5.7	3.70 +	0.26	14.09 ++	1028.	54.	9.
918	0000	-822	37.6245	80.8549	MBP	0.4 -	1.5	5.7	4.20 +	0.26	16.28 ++	1004.	54.	7.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-823	37.6242	80.8549		MBP	0.4 -	1.2 -	5.6	3.29	0.21	15.47 ++	987.	53.	8.
920	0000	-822	37.6238	80.8549		MBP	0.3 -	1.1 -	5.4	3.36	0.21	15.73 ++	974.	55.	7.
921	0000	-821	37.6234	80.8549		MH	0.3 -	1.3	5.2	3.73 +	0.24	15.25 ++	939.	59.	6.
922	0000	-823	37.6230	80.8549		MH	0.3 -	1.2 -	4.9 -	3.64 +	0.25	14.80 ++	922.	58.	6.
923	0000	-825	37.6226	80.8549		MH	0.3 -	1.2 -	4.6 -	3.80 +	0.27	14.10 ++	924.	59.	7.
924	0000	-823	37.6223	80.8549		MH	0.4 -	1.5	4.7 -	4.22 +	0.32	13.25 +	970.	58.	5.
925	0000	-822	37.6219	80.8548		MH	0.4 -	1.5	4.5 -	3.35 +	0.32	10.34	1033.	60.	6.
926	0000	-824	37.6215	80.8548		MH	0.5 -	1.9	4.5 -	3.68 +	0.41 +	8.97	1120.	60.	5.
927	0000	-826	37.6211	80.8548		MH	0.6	1.8	5.2 -	2.96	0.34	8.74	1219.	60.	6.
928	0000	-825	37.6207	80.8548		MH	0.7	1.6	5.6	2.19	0.28	7.71	1328.	58.	7.
929	0000	-824	37.6204	80.8548		MH	0.8	1.7	5.8	2.04	0.29	6.96	1409.	60.	7.
930	0000	-826	37.6200	80.8548		MH	0.9	1.7	6.5	1.85	0.26	7.16	1478.	60.	7.
931	0000	-825	37.6196	80.8548		MH	1.0	1.6	6.5	1.60	0.24	6.58	1518.	62.	8.
932	0000	-823	37.6192	80.8548		MH	1.0	1.7	6.7	1.69	0.25	6.88	1536.	59.	9.
933	0000	-825	37.6188	80.8548		MH	1.0	1.5	7.5	1.42 -	0.20 -	7.23	1564.	57.	10.
934	0000	-827	37.6185	80.8548		MH	1.1	1.8	7.1	1.66	0.25	6.73	1588.	54.	11.
935	0000	-827	37.6181	80.8548		MH	1.1	1.8	7.4	1.67	0.24	6.88	1594.	53.	11.
936	0000	-827	37.6177	80.8548		MH	1.1	1.6	7.6	1.51	0.21	7.07	1591.	50.	12.
937	0000	-825	37.6173	80.8548		MH	1.1	1.6	7.4	1.49	0.21	7.07	1562.	49.	12.
938	0000	-825	37.6169	80.8547		MH	1.0	1.5	7.4	1.45	0.20	7.25	1524.	47.	13.
939	0000	-828	37.6166	80.8547		MH	1.0	1.3	7.2	1.31 -	0.19 -	7.03	1490.	47.	13.
940	0000	-828	37.6162	80.8547		MH	0.9	1.3	6.6	1.38 -	0.19 -	7.16	1431.	48.	13.
941	0000	-827	37.6158	80.8547		MH	0.8	1.1 -	6.9	1.34 -	0.16 -	8.30	1366.	52.	12.
942	0000	-829	37.6154	80.8547		MH	0.7	1.1 -	6.6	1.48	0.16 -	9.01	1333.	53.	12.
943	0000	-828	37.6150	80.8547		MH	0.7	1.0 -	6.7	1.44	0.15 --	9.63	1318.	55.	12.
944	0000	-826	37.6147	80.8547		MH	0.7	1.1 -	6.9	1.53	0.15 -	9.94	1333.	55.	11.
945	0000	-828	37.6143	80.8546		MH	0.7	1.2 -	7.2	1.74	0.17 -	10.52	1356.	55.	10.
946	0000	-827	37.6139	80.8546		MH	0.7	1.4	7.6	2.10	0.19 -	11.31 +	1374.	55.	9.
947	0000	-826	37.6135	80.8546		MH	0.7	1.5	7.8	2.32	0.20 -	11.70 +	1391.	56.	8.
948	0000	-829	37.6131	80.8546		MH	0.7	1.7	7.5	2.50	0.22	11.22 +	1402.	55.	8.
949	0000	-830	37.6128	80.8546		MH	0.7	1.8	7.5	2.55	0.24	10.72	1409.	56.	7.
950	0000	-829	37.6124	80.8546		MH	0.7	2.2	7.3	3.26	0.30	10.78	1436.	55.	6.
951	0000	-831	37.6120	80.8546		MH	0.8	2.4 +	6.9	3.16	0.34	9.25	1443.	56.	6.
952	0000	-832	37.6116	80.8546		MH	0.8	2.3 +	6.7	2.78	0.34	8.21	1439.	56.	6.
953	0000	-830	37.6112	80.8546		MH	0.8	2.3 +	6.5	2.78	0.35 +	7.86	1434.	57.	6.
954	0000	-829	37.6109	80.8546		MH	0.9	2.2	6.3	2.43	0.34	7.11	1445.	56.	7.
955	0000	-829	37.6105	80.8546		MH	1.0	2.2	6.6	2.19	0.33	6.57	1493.	53.	7.
956	0000	-832	37.6101	80.8546		MH	1.1	2.1	6.9	1.96	0.30	6.41 -	1538.	51.	8.
957	0000	-832	37.6097	80.8546		MH	1.1	1.9	6.7	1.68	0.28	6.05 -	1527.	52.	8.
958	0000	-831	37.6094	80.8545		MH	1.2 +	1.7	7.3	1.47	0.23	6.28 -	1554.	52.	7.
959	0000	-832	37.6090	80.8545		MH	1.2 +	1.8	7.3	1.57	0.25	6.37 -	1594.	51.	7.
960	0000	-830	37.6086	80.8545		MH	1.2 +	1.8	7.4	1.56	0.25	6.33 -	1639.	51.	7.
961	0000	-831	37.6082	80.8545		MH	1.2 +	2.1	7.4	1.80	0.29	6.30 -	1673.	52.	6.
962	0000	-834	37.6078	80.8545		MH	1.2 +	2.1	7.3	1.76	0.28	6.27 -	1678.	54.	5.
963	0000	-833	37.6075	80.8545		MH	1.2 +	2.4 +	7.1	2.02	0.33	6.11 -	1693.	54.	3.
964	0000	-831	37.6071	80.8545		MH	1.2 +	2.4 +	7.7	2.03	0.32	6.42 -	1745.	52.	2.
965	0000	-833	37.6067	80.8544		MH	1.2 +	2.6 +	8.0	2.29	0.33	6.96	1769.	51.	2.
966	0000	-835	37.6063	80.8544		MH	1.2 +	2.7 ++	8.4 +	2.35	0.33	7.18	1782.	54.	2.
967	0000	-834	37.6060	80.8544		MH	1.2 +	2.7 ++	8.6 +	2.27	0.32	7.17	1810.	54.	2.
968	0000	-835	37.6056	80.8544		MH	1.2 +	2.4 +	9.3 +	1.98	0.26	7.53	1831.	51.	3.
969	0000	-836	37.6052	80.8544		MH	1.2 +	2.5 +	9.9 ++	2.07	0.25	8.25	1850.	50.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-836	37.6048	80.8544	MH	1.2 +	2.3 +	10.2 ++	1.98	0.23	8.78	1834.	50.	5.
971	0000	-836	37.6045	80.8544	MH	1.1	2.3 +	9.7 ++	2.06	0.24	8.72	1805.	53.	7.
972	0000	-835	37.6040	80.8543	MH	1.1 +	2.0	9.4 +	1.76	0.21	8.30	1791.	53.	8.
973	0000	-835	37.6036	80.8543	MH	1.2 +	2.0	9.6 ++	1.73	0.21	8.30	1804.	51.	8.
974	0000	-836	37.6032	80.8542	MH	1.2 +	2.0	9.7 ++	1.72	0.21	8.37	1794.	52.	7.
975	0000	-837	37.6028	80.8542	MH	1.1 +	2.2	9.6 ++	1.97	0.23	8.44	1790.	54.	7.
976	0000	-838	37.6024	80.8542	MH	1.1	2.1	9.2 +	1.95	0.23	8.40	1772.	55.	8.
977	0000	-838	37.6020	80.8540	MH	1.1	1.9	9.3 +	1.79	0.21	8.55	1769.	54.	8.
978	0000	-840	37.6016	80.8540	MH	1.1	2.0	9.6 ++	1.84	0.21	8.96	1787.	53.	8.
979	0000	-840	37.6012	80.8540	MH	1.0	2.2	9.9 ++	2.15	0.22	9.90	1811.	52.	8.
980	0000	-838	37.6008	80.8539	MH	1.0	1.8	9.8 ++	1.77	0.19 -	9.37	1827.	52.	10.
981	0000	-840	37.6004	80.8538	MH	1.1	1.9	9.6 ++	1.68	0.19 -	8.66	1866.	51.	12.
982	0000	-842	37.6000	80.8538	MH	1.2 +	1.8	9.4 +	1.53	0.19 -	8.15	1879.	50.	12.
983	0000	-842	37.5996	80.8538	MBF-2	1.2	1.8	9.6 +	1.43	0.18 -	7.79	1924.	50.	12.
984	0000	-845	37.5992	80.8537	MBF-2	1.3 +	2.1	9.7 +	1.55	0.21	7.27	1989.	52.	12.
985	0000	-846	37.5988	80.8536	MBF-2	1.5 +	1.9	10.4 ++	1.29	0.19 -	6.93	2037.	53.	12.
986	0000	-847	37.5984	80.8535	MBF-2	1.6 ++	1.9	10.2 ++	1.18 -	0.18 -	6.41	2080.	53.	11.
987	0000	-848	37.5980	80.8535	MBF-2	1.6 +	2.0	10.0 ++	1.27 -	0.20	6.39	2048.	54.	10.
988	0000	-848	37.5976	80.8535	MH	1.5 ++	2.0	9.9 ++	1.32 -	0.20 -	6.67	1991.	56.	8.
989	0000	-849	37.5972	80.8534	MH	1.4 ++	1.9	9.8 ++	1.37 -	0.20 -	6.90	1944.	56.	7.
990	0000	-847	37.5968	80.8533	MH	1.4 +	1.8	9.6 ++	1.27 -	0.19 -	6.77	1885.	57.	6.
991	0000	-846	37.5964	80.8533	MH	1.3 +	1.5	9.0 +	1.16 -	0.17 -	6.75	1795.	57.	5.
992	0000	-849	37.5960	80.8533	MH	1.2 +	1.7	7.9	1.50	0.22	6.80	1720.	56.	5.
993	0000	-850	37.5956	80.8532	MH	1.1	2.0	7.2	1.81	0.27	6.67	1638.	56.	4.
994	0000	-848	37.5952	80.8531	MH	1.1	1.8	7.3	1.69	0.25	6.73	1633.	54.	4.
995	0000	-850	37.5947	80.8531	MH	1.1	1.8	7.1	1.58	0.25	6.43 -	1639.	54.	5.
996	0000	-852	37.5943	80.8531	MH	1.1 +	1.7	7.4	1.45	0.22	6.49 -	1685.	53.	6.
997	0000	-851	37.5939	80.8530	MH	1.1 +	1.8	7.7	1.54	0.23	6.73	1693.	52.	7.
998	0000	-852	37.5935	80.8529	MH	1.1	1.7	7.9	1.55	0.22	7.11	1701.	50.	8.
999	0000	-855	37.5931	80.8529	MH	1.1	1.5	8.1 +	1.31 -	0.18 -	7.22	1700.	50.	8.
1000	0000	-855	37.5927	80.8529	MH	1.1 +	1.2 -	8.3 +	1.02 -	0.14 --	7.27	1712.	51.	10.
1001	0000	-854	37.5923	80.8528	MH	1.1 +	1.2 -	8.6 +	1.03 -	0.14 --	7.54	1715.	52.	10.
1002	0000	-855	37.5919	80.8527	MH	1.1	1.2 -	8.5 +	1.12 -	0.15 --	7.72	1707.	53.	10.
1003	0000	-855	37.5915	80.8527	MH	1.1	1.3	8.0	1.22 -	0.16 -	7.47	1671.	52.	9.
1004	0000	-854	37.5911	80.8526	MH	1.0	1.6	7.8	1.53	0.20	7.56	1676.	52.	8.
1005	0000	-856	37.5907	80.8526	MH	1.0	1.8	7.7	1.68	0.23	7.44	1702.	55.	7.
1006	0000	-857	37.5903	80.8525	MH	1.1	2.0	7.7	1.77	0.25	6.96	1725.	56.	6.
1007	0000	-858	37.5899	80.8525	MH	1.1 +	2.2	7.8	1.98	0.29	6.87	1750.	56.	4.
1008	0000	-861	37.5895	80.8524	MH	1.1 +	2.4 +	7.8	2.13	0.31	6.85	1763.	57.	3.
1009	0000	-860	37.5891	80.8524	MH	1.2 +	2.6 +	8.0	2.24	0.33	6.85	1810.	55.	3.
1010	0000	-858	37.5887	80.8523	MH	1.2 +	2.7 ++	8.8 +	2.20	0.31	7.10	1881.	54.	3.
1011	0000	-859	37.5883	80.8523	MH	1.3 +	2.7 ++	8.9 +	2.13	0.31	6.90	1915.	55.	4.
1012	0000	-863	37.5879	80.8522	MH	1.3 +	2.9 ++	9.0 +	2.23	0.32	6.95	1940.	52.	4.
1013	0000	-865	37.5875	80.8521	MH	1.3 +	3.0 ++	9.5 ++	2.32	0.31	7.44	1959.	53.	4.
1014	0000	-866	37.5871	80.8521	MH	1.3 +	2.9 ++	9.6 ++	2.21	0.30	7.34	1971.	53.	4.
1015	0000	-866	37.5867	80.8521	MH	1.3 +	3.0 ++	9.7 ++	2.26	0.32	7.17	1999.	51.	4.
1016	0000	-866	37.5863	80.8520	MH	1.4 ++	2.7 +	9.3 +	1.89	0.29	6.49 -	1993.	53.	5.
1017	0000	-868	37.5859	80.8519	MH	1.4 ++	2.8 ++	8.8 +	1.94	0.32	6.11 -	1987.	53.	5.
1018	0000	-869	37.5855	80.8519	MH	1.4 ++	2.6 +	8.8 +	1.81	0.30	6.05 -	1970.	51.	5.
1019	0000	-871	37.5850	80.8519	MH	1.4 ++	2.5 +	8.9 +	1.72	0.28	6.13 -	1940.	53.	5.
1020	0000	-870	37.5846	80.8518	MH	1.4 ++	2.2	8.7 +	1.53	0.25	6.02 -	1925.	51.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-870	37.5842	80.8517		MH	1.4 ++	2.0	8.6 +	1.44 -	0.24	6.06 -	1902.	52.	7.
1022	0000	-873	37.5838	80.8517		MH	1.4 +	2.0	8.2 +	1.38 -	0.24	5.77 -	1876.	51.	8.
1023	0000	-872	37.5834	80.8517		MH	1.2 +	2.1	8.3 +	1.68	0.25	6.65	1858.	51.	8.
1024	0000	-871	37.5830	80.8516		MH	1.2 +	1.8	8.4 +	1.53	0.22	6.97	1810.	53.	8.
1025	0000	-874	37.5826	80.8515		MH	1.2 +	1.8	8.6 +	1.44	0.21	7.01	1803.	54.	8.
1026	0000	-876	37.5822	80.8515		MH	1.3 +	1.8	8.3 +	1.40 -	0.22	6.49 -	1824.	53.	9.
1027	0000	-875	37.5818	80.8514		MH	1.3 +	2.1	8.1 +	1.62	0.26	6.25 -	1850.	51.	9.
1028	0000	-876	37.5814	80.8514		MH	1.4 +	2.1	8.0	1.55	0.27	5.79 -	1892.	53.	8.
1029	0000	-876	37.5810	80.8513		MH	1.4 +	2.0	8.6 +	1.41 -	0.23	6.13 -	1921.	55.	7.
1030	0000	-873	37.5806	80.8513		MH	1.5 ++	2.0	9.2 +	1.31 -	0.21	6.12 -	1950.	53.	7.
1031	0000	-875	37.5802	80.8512		MH	1.6 ++	1.9	9.6 ++	1.23 -	0.20	6.13 -	1986.	51.	6.
1032	0000	-878	37.5798	80.8512		MH	1.6 ++	2.1	9.1 +	1.37 -	0.23	5.88 -	1988.	50.	6.
1033	0000	-874	37.5794	80.8511		MH	1.5 ++	2.0	8.9 +	1.32 -	0.22	5.92 -	1951.	54.	5.
1034	0000	-874	37.5790	80.8511		MH	1.4 ++	1.8	8.5 +	1.22 -	0.21	5.89 -	1877.	56.	5.
1035	0000	-879	37.5786	80.8510		MH	1.3 +	1.7	8.4 +	1.30 -	0.21	6.31 -	1783.	55.	5.
1036	0000	-879	37.5782	80.8509		MH	1.2 +	1.6	7.8	1.31 -	0.21	6.30 -	1681.	54.	5.
1037	0000	-876	37.5778	80.8509		MH	1.2 +	1.5	7.4	1.27 -	0.20	6.27 -	1586.	54.	5.
1038	0000	-877	37.5774	80.8509		MH	1.1	1.6	6.4	1.44 -	0.24	5.89 -	1500.	56.	5.
1039	0000	-880	37.5770	80.8508		MH	1.0	1.5	6.2	1.44 -	0.24	6.07 -	1437.	59.	4.
1040	0000	-881	37.5766	80.8507		MH	1.0	1.6	6.1	1.56	0.26	6.06 -	1412.	57.	5.
1041	0000	-879	37.5762	80.8507		MH	1.0	1.5	6.6	1.54	0.23	6.56	1436.	58.	5.
1042	0000	-877	37.5757	80.8507		MH	1.0	1.6	7.1	1.58	0.22	7.02	1483.	56.	5.
1043	0000	-880	37.5753	80.8506		MH	1.0	1.8	7.3	1.73	0.25	6.99	1553.	56.	5.
1044	0000	-879	37.5749	80.8505		MH	1.1 +	1.9	8.0	1.69	0.24	7.13	1669.	56.	5.
1045	0000	-877	37.5745	80.8504		MH	1.2 +	1.8	8.5 +	1.56	0.21	7.28	1738.	55.	6.
1046	0000	-881	37.5741	80.8504		MH	1.3 +	1.7	9.0 +	1.37 -	0.19 -	7.17	1819.	54.	6.
1047	0000	-885	37.5737	80.8504		MH	1.4 +	1.7	9.4 +	1.24 -	0.18 -	6.96	1874.	51.	5.
1048	0000	-884	37.5733	80.8503		MH	1.4 +	1.7	9.5 ++	1.25 -	0.18 -	6.87	1908.	51.	5.
1049	0000	-884	37.5729	80.8502		MH	1.4 ++	1.8	9.4 +	1.27 -	0.19 -	6.55	1954.	50.	4.
1050	0000	-885	37.5725	80.8502		MH	1.5 ++	2.1	9.6 ++	1.41 -	0.21	6.57	1984.	51.	3.
1051	0000	-884	37.5721	80.8502		MH	1.4 +	2.2	9.0 +	1.58	0.25	6.36 -	1948.	54.	3.
1052	0000	-884	37.5717	80.8501		MH	1.4 ++	2.4 +	9.1 +	1.69	0.27	6.30 -	1944.	55.	1.
1053	0000	-888	37.5713	80.8500		MH	1.4 ++	2.5 +	9.3 +	1.75	0.27	6.51 -	1919.	55.	1.
1054	0000	-888	37.5709	80.8500		MH	1.3 +	2.7 +	8.9 +	2.03	0.30	6.78	1904.	55.	1.
1055	0000	-886	37.5705	80.8500		MH	1.3 +	2.6 +	8.8 +	2.03	0.30	6.82	1879.	54.	2.
1056	0000	-887	37.5701	80.8499		MH	1.2 +	2.6 +	8.4 +	2.26	0.32	7.19	1815.	56.	2.
1057	0000	-887	37.5697	80.8498		MH	1.1	2.5 +	8.3 +	2.27	0.30	7.61	1743.	56.	3.
1058	0000	-886	37.5693	80.8498		MH	1.1	2.2	8.3 +	2.04	0.27	7.62	1680.	54.	3.
1059	0000	-890	37.5689	80.8497		MH	1.1	2.1	8.4 +	1.95	0.25	7.89	1650.	53.	3.
1060	0000	-890	37.5685	80.8497		MH	1.1	1.9	8.0	1.80	0.24	7.54	1635.	53.	4.
1061	0000	-887	37.5681	80.8496		MH	1.1	1.8	8.3 +	1.61	0.21	7.53	1629.	55.	4.
1062	0000	-888	37.5677	80.8496		MH	1.1	1.7	8.4 +	1.56	0.21	7.49	1607.	56.	4.
1063	0000	-890	37.5673	80.8495		MH	1.1 +	1.6	8.2 +	1.42 -	0.20 -	7.20	1588.	55.	4.
1064	0000	-890	37.5669	80.8495		MH	1.2 +	1.5	8.0	1.29 -	0.19 -	6.89	1576.	56.	5.
1065	0000	-891	37.5665	80.8493		MH	1.1 +	1.5	7.7	1.34 -	0.20 -	6.80	1547.	57.	5.
1066	0000	-888	37.5660	80.8494		MH	1.1	1.6	7.3	1.48	0.21	6.92	1498.	58.	6.
1067	0000	-887	37.5656	80.8493		MH	0.9	1.7	6.9	1.88	0.25	7.49	1418.	58.	6.
1068	0000	-891	37.5652	80.8492		MH	0.9	1.5	6.5	1.79	0.23	7.61	1337.	59.	7.
1069	0000	-894	37.5648	80.8492		MH	0.8	1.4	6.2	1.85	0.23	7.87	1299.	60.	8.
1070	0000	-891	37.5644	80.8492		MH	0.7	1.5	6.0	2.00	0.24	8.28	1271.	63.	8.
1071	0000	-889	37.5640	80.8491		MH	0.7	1.4	5.9	1.98	0.24	8.31	1263.	63.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-891	37.5636	80.8490		MH	0.7	1.5	5.9	2.02	0.25	8.15	1299.	62.	8.
1073	0000	-890	37.5632	80.8490		MH	0.8	1.6	5.9	2.11	0.27	7.75	1352.	63.	7.
1074	0000	-890	37.5628	80.8490		MH	0.9	1.6	6.3	1.78	0.25	7.08	1438.	60.	7.
1075	0000	-891	37.5624	80.8488		MH	1.0	1.9	6.9	1.93	0.27	7.11	1520.	59.	5.
1076	0000	-891	37.5620	80.8488		MH	1.0	2.1	6.9	2.07	0.31	6.66	1595.	58.	5.
1077	0000	-893	37.5616	80.8487		MH	1.1	2.0	7.1	1.77	0.28	6.38 -	1645.	57.	5.
1078	0000	-895	37.5612	80.8487		MH	1.2 +	2.1	7.3	1.76	0.29	6.08 -	1687.	57.	4.
1079	0000	-896	37.5608	80.8487		MH	1.2 +	1.9	7.8	1.53	0.24	6.43 -	1723.	56.	5.
1080	0000	-898	37.5604	80.8486		MH	1.2 +	1.8	7.9	1.42 -	0.23	6.32 -	1743.	54.	6.
1081	0000	-896	37.5600	80.8486		MH	1.2 +	1.8	8.0	1.57	0.23	6.89	1726.	56.	7.
1082	0000	-897	37.5596	80.8485		MH	1.1 +	1.8	7.4	1.59	0.24	6.53	1708.	55.	8.
1083	0000	-900	37.5592	80.8485		MH	1.1	1.7	7.3	1.61	0.24	6.74	1679.	57.	9.
1084	0000	-899	37.5588	80.8484		MH	1.1	1.8	7.4	1.62	0.24	6.85	1675.	53.	9.
1085	0000	-896	37.5584	80.8484		MH	1.0	1.6	7.4	1.54	0.22	7.03	1682.	52.	10.
1086	0000	-894	37.5580	80.8483		MH	1.0	2.0	7.0	2.01	0.29	6.98	1661.	54.	10.
1087	0000	-896	37.5576	80.8483		MH	0.9	1.9	7.3	2.03	0.26	7.79	1649.	54.	10.
1088	0000	-898	37.5572	80.8482		MH	1.0	1.9	7.3	1.89	0.26	7.29	1661.	52.	10.
1089	0000	-898	37.5567	80.8482		MH	1.0	1.8	7.9	1.82	0.22	8.22	1655.	52.	10.
1090	0000	-897	37.5563	80.8481		MH	1.0	1.7	8.1 +	1.78	0.21	8.32	1659.	50.	10.
1091	0000	-897	37.5559	80.8481		MH	0.9	1.9	8.2 +	2.02	0.23	8.72	1659.	50.	10.
1092	0000	-897	37.5555	80.8480		MH	0.9	2.2	8.5 +	2.58	0.26	9.91	1654.	51.	10.
1093	0000	-897	37.5551	80.8480		MH	0.8	2.1	8.3 +	2.46	0.25	9.81	1646.	49.	9.
1094	0000	-898	37.5547	80.8479		MH	0.9	1.9	8.5 +	2.15	0.22	9.63	1616.	53.	8.
1095	0000	-898	37.5543	80.8478		MH	0.8	1.8	8.2 +	2.15	0.22	9.89	1585.	54.	9.
1096	0000	-897	37.5539	80.8478		MH	0.8	1.9	8.0	2.27	0.23	9.77	1560.	53.	8.
1097	0000	-898	37.5535	80.8478		MH	0.8	1.9	7.9	2.34	0.23	9.98	1526.	53.	7.
1098	0000	-899	37.5531	80.8477		MH	0.7	2.0	7.6	2.70	0.26	10.42	1483.	55.	7.
1099	0000	-898	37.5527	80.8476		MH	0.8	2.1	6.9	2.72	0.31	8.83	1447.	55.	7.
1100	0000	-896	37.5523	80.8475		MH	0.8	2.1	7.1	2.54	0.30	8.57	1433.	54.	7.
1101	0000	-896	37.5519	80.8475		MH	0.8	2.3 +	6.1	3.04	0.38 +	7.97	1420.	53.	6.
1102	0000	-897	37.5515	80.8474		MH	0.7	2.6 +	6.1	3.45 +	0.43 +	8.11	1406.	55.	5.
1103	0000	-900	37.5511	80.8474		MH	0.8	2.4 +	5.8	3.25	0.42 +	7.69	1390.	57.	6.
1104	0000	-900	37.5507	80.8473		MH	0.7	2.6 +	5.5	3.48 +	0.46 ++	7.49	1384.	59.	6.
1105	0000	-897	37.5503	80.8473		MH	0.8	2.2	5.6	2.68	0.39 +	6.79	1403.	55.	7.
1106	0000	-896	37.5499	80.8473		MH	0.8	1.9	5.9	2.45	0.33	7.47	1406.	54.	7.
1107	0000	-898	37.5495	80.8472		MH	0.8	1.7	5.9	2.13	0.29	7.46	1414.	56.	8.
1108	0000	-899	37.5491	80.8471		MH	0.8	1.7	6.3	2.06	0.28	7.49	1449.	55.	8.
1109	0000	-899	37.5487	80.8471		MH	0.9	1.5	6.8	1.69	0.22	7.63	1495.	53.	9.
1110	0000	-900	37.5483	80.8470		MH	0.9	1.6	7.2	1.83	0.23	8.07	1552.	51.	8.
1111	0000	-901	37.5479	80.8469		MH	0.9	1.7	7.4	1.87	0.23	8.07	1595.	50.	8.
1112	0000	-901	37.5475	80.8469		MH	0.9	2.0	7.5	2.25	0.26	8.56	1597.	52.	7.
1113	0000	-901	37.5470	80.8469		MH	0.9	1.8	7.5	2.04	0.24	8.34	1563.	52.	7.
1114	0000	-899	37.5466	80.8468		MH	0.9	2.0	7.3	2.34	0.27	8.60	1519.	51.	6.
1115	0000	-900	37.5462	80.8467		MH	0.8	1.9	6.7	2.52	0.29	8.73	1424.	51.	6.
1116	0000	-899	37.5458	80.8467		MH	0.7	2.0	5.9	2.93	0.34 +	8.53	1319.	54.	6.
1117	0000	-897	37.5454	80.8467		MH	0.6	1.7	5.2 -	2.90	0.33	8.68	1199.	58.	7.
1118	0000	-898	37.5450	80.8466		MH	0.5 -	1.5	5.1 -	2.85	0.29	9.69	1102.	56.	8.
1119	0000	-897	37.5446	80.8466		MH	0.5 -	1.3 -	4.6 -	2.93	0.29	10.14	1015.	56.	8.
1120	0000	-895	37.5442	80.8465		MH	0.4 -	1.1 -	4.3 -	2.87	0.27	10.78 -	973.	59.	9.
1121	0000	-898	37.5438	80.8465		MH	0.4 -	1.3 -	4.2 -	3.60 +	0.30	11.92 +	938.	59.	9.
1122	0000	-897	37.5434	80.8464		MH	0.4 -	1.4	4.1 -	3.76 +	0.33	11.52 +	953.	57.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-893	37.5430	80.8464	MH	0.4 -	1.3	4.3 -	3.00	0.31	9.82	994.	56.	8.
1124	0000	-894	37.5426	80.8462	MH	0.6	1.8	4.7 -	3.21	0.38 +	8.49	1101.	53.	6.
1125	0000	-895	37.5422	80.8462	MH	0.7	1.9	5.2 -	2.65	0.36 +	7.28	1201.	55.	5.
1126	0000	-893	37.5418	80.8462	MH	0.8	2.0	5.4	2.53	0.37 +	6.78	1286.	55.	5.
1127	0000	-894	37.5414	80.8461	MH	0.9	2.2	5.7	2.58	0.39 +	6.63	1350.	54.	4.
1128	0000	-896	37.5410	80.8460	MH	0.9	2.3 +	6.0	2.45	0.37 +	6.55	1410.	54.	3.
1129	0000	-895	37.5406	80.8460	MH	1.0	2.3 +	6.8	2.29	0.33	6.93	1463.	56.	2.
1130	0000	-893	37.5402	80.8460	MH	1.0	2.3 +	7.2	2.22	0.31	7.05	1506.	56.	1.
1131	0000	-893	37.5398	80.8459	MH	1.1	2.3 +	7.1	2.16	0.32	6.72	1513.	57.	1.
1132	0000	-894	37.5394	80.8459	MH	1.1	2.3 +	7.1	2.19	0.33	6.68	1538.	57.	1.
1133	0000	-892	37.5390	80.8459	MH	1.0	2.7 +	7.3	2.61	0.37 +	7.02	1597.	57.	1.
1134	0000	-892	37.5386	80.8457	MH	1.1	2.9 ++	7.4	2.72	0.40 +	6.82	1657.	56.	1.
1135	0000	-893	37.5382	80.8457	MH	1.1	2.9 ++	7.5	2.57	0.38 +	6.71	1711.	57.	2.
1136	0000	-895	37.5378	80.8457	MH	1.1	2.9 ++	7.3	2.56	0.39 +	6.53	1730.	58.	3.
1137	0000	-893	37.5373	80.8456	MH	1.1	3.0 ++	7.2	2.80	0.41 +	6.81	1721.	58.	3.
1138	0000	-891	37.5368	80.8456	MH	0.9	2.8 ++	7.7	3.03	0.37 +	8.25	1689.	59.	3.
1139	0000	-892	37.5364	80.8455	MH	0.8	2.7 +	7.4	3.38 +	0.37 +	9.25	1609.	59.	3.
1140	0000	-892	37.5360	80.8455	MH	0.8	2.4 +	7.2	3.21	0.34	9.50	1522.	60.	4.
1141	0000	-889	37.5355	80.8455	MH	0.6	2.1	7.3	3.32	0.29	11.37 +	1437.	61.	5.
1142	0000	-887	37.5351	80.8455	MH	0.5	2.2	6.8	4.02 +	0.32	12.49 +	1349.	60.	5.
1143	0000	-889	37.5347	80.8455	MH	0.5 -	2.1	6.6	4.16 +	0.31	13.33 +	1293.	59.	6.
1144	0000	-889	37.5342	80.8454	MH	0.5 -	1.9	6.4	3.86 +	0.29	13.17 +	1273.	57.	7.
1145	0000	-889	37.5338	80.8454	MH	0.6	1.8	6.3	3.05	0.28	10.99 +	1293.	55.	9.
1146	0000	-890	37.5334	80.8454	MH	0.7	1.8	6.7	2.40	0.26	9.13	1393.	53.	10.
1147	0000	-890	37.5329	80.8454	MH	0.9	1.8	7.4	2.12	0.24	8.67	1515.	53.	11.
1148	0000	-888	37.5325	80.8452	MH	1.0	2.1	7.8	2.06	0.27	7.56	1676.	53.	11.
1149	0000	-890	37.5320	80.8452	MH	1.2 +	2.0	8.5 +	1.71	0.24	7.24	1793.	53.	11.
1150	0000	-891	37.5316	80.8452	MH	1.3 +	2.2	8.9 +	1.73	0.25	6.95	1880.	53.	10.
1151	0000	-888	37.5312	80.8452	MH	1.3 +	2.3 +	9.3 +	1.69	0.24	6.94	1931.	54.	9.
1152	0000	-888	37.5307	80.8452	MBF-2	1.4 +	2.1	9.3 +	1.57	0.23	6.84	1941.	55.	9.
1153	0000	-888	37.5303	80.8452	MBF-2	1.4 +	2.2	9.0 +	1.62	0.24	6.67	1893.	56.	8.
1154	0000	-886	37.5298	80.8452	MBF-2	1.4 +	2.0	8.9 +	1.43	0.22	6.54	1862.	54.	8.
1155	0000	-885	37.5294	80.8450	MBF-2	1.4 +	1.6	8.8 +	1.19 -	0.18 -	6.44	1800.	51.	7.
1156	0000	-885	37.5290	80.8450	MBF-2	1.3	1.9	8.3	1.40	0.22	6.23	1777.	51.	7.
1157	0000	-883	37.5285	80.8451	MBF-2	1.3 +	1.7	8.4	1.24 -	0.20	6.20	1769.	51.	8.
1158	0000	-886	37.5281	80.8450	MBF-2	1.3	1.7	8.2	1.29	0.21	6.15	1782.	50.	8.
1159	0000	-886	37.5277	80.8450	MBF-2	1.4 +	2.0	8.1	1.46	0.25	5.93	1820.	50.	7.
1160	0000	-882	37.5272	80.8449	MBF-2	1.4 +	2.1	8.3	1.52	0.25	6.14	1863.	49.	7.
1161	0000	-883	37.5268	80.8449	MBF-2	1.3	2.2	8.2	1.64	0.27	6.17	1857.	49.	6.
1162	0000	-884	37.5264	80.8449	MBF-2	1.3	2.5 +	8.0	1.95	0.31	6.26	1826.	50.	5.
1163	0000	-881	37.5259	80.8449	MBF-2	1.3	2.4	8.1	1.87	0.29	6.43	1795.	52.	4.
1164	0000	-881	37.5255	80.8449	MBF-2	1.3	2.4 +	8.1	1.90	0.30	6.33	1787.	53.	3.
1165	0000	-883	37.5250	80.8448	MBF-2	1.3	2.3	8.3	1.79	0.28	6.39	1794.	54.	3.
1166	0000	-880	37.5246	80.8448	MBF-2	1.3	2.3	8.4	1.77	0.28	6.37	1789.	52.	3.
1167	0000	-879	37.5242	80.8447	MBF-2	1.3	2.3	8.4	1.72	0.27	6.32	1792.	54.	3.
1168	0000	-884	37.5237	80.8447	MBF-2	1.3	2.4	8.3	1.82	0.28	6.41	1806.	54.	4.
1169	0000	-883	37.5233	80.8447	MBF-2	1.3	2.2	8.4	1.76	0.26	6.65	1821.	55.	6.
1170	0000	-880	37.5228	80.8447	MBF-2	1.2	2.2	8.6	1.90	0.26	7.31	1822.	54.	7.
1171	0000	-880	37.5224	80.8447	MBF-2	1.1	2.5 +	8.3	2.34	0.30	7.82	1795.	51.	7.
1172	0000	-879	37.5220	80.8446	(WATER)	1.0	2.6	8.0	2.75	0.33	8.33	1749.	50.	6.
1173	0000	-877	37.5215	80.8446	(WATER)	0.8	2.7	7.6	3.27	0.36	9.10	1703.	49.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-878	37.5211	80.8445(WATER)	0.8	2.7	7.3	3.19	0.37	8.62	1653.	48.	6.
1175	0000	-878	37.5207	80.8445(WATER)	0.8	2.6	6.9	3.12	0.37	8.37	1609.	47.	5.
1176	0000	-877	37.5202	80.8445(WATER)	0.8	2.5	6.9	3.10	0.37	8.48	1575.	47.	4.
1177	0000	-875	37.5198	80.8444(WATER)	0.9	2.5	6.8	2.80	0.37	7.59	1581.	45.	3.
1178	0000	-875	37.5193	80.8444(WATER)	0.9	2.3	7.3	2.42	0.31	7.76	1624.	45.	2.
1179	0000	-876	37.5189	80.8444(WATER)	1.0	2.5	7.6	2.40	0.33	7.32	1669.	45.	2.
1180	0000	-875	37.5185	80.8444(WATER)	1.1	2.4	7.6	2.17	0.31	7.01	1689.	48.	2.
1181	0000	-872	37.5180	80.8443(WATER)	1.0	2.4	7.9	2.40	0.30	8.01	1683.	49.	2.
1182	0000	-874	37.5176	80.8443(WATER)	1.0	2.6	7.9	2.74	0.33	8.20	1673.	50.	2.
1183	0000	-877	37.5172	80.8443(WATER)	0.9	2.8	7.6	3.15	0.37	8.42	1667.	50.	2.
1184	0000	-874	37.5167	80.8442(WATER)	0.8	3.0	7.5	3.56	0.40	8.91	1658.	50.	3.
1185	0000	-872	37.5163	80.8442(WATER)	0.8	3.2	7.3	3.96	0.44	8.97	1653.	52.	3.
1186	0000	-870	37.5158	80.8442(WATER)	0.8	3.0	7.4	3.52	0.40	8.81	1658.	52.	3.
1187	0000	-869	37.5154	80.8442(WATER)	0.9	3.0	7.6	3.32	0.39	8.45	1696.	50.	4.
1188	0000	-872	37.5150	80.8441(WATER)	1.0	2.9	8.1	2.89	0.35	8.20	1750.	48.	4.
1189	0000	-873	37.5145	80.8441(WATER)	1.1	2.6	8.5	2.31	0.31	7.49	1793.	49.	4.
1190	0000	-869	37.5141	80.8441(WATER)	1.2	2.4	8.4	1.99	0.28	7.06	1797.	49.	4.
1191	0000	-867	37.5137	80.8440(WATER)	1.2	2.1	8.4	1.72	0.25	6.89	1773.	50.	5.
1192	0000	-869	37.5132	80.8440(WATER)	1.2	1.8	8.5	1.46	0.21	6.91	1707.	49.	6.
1193	0000	-870	37.5128	80.8439(WATER)	1.1	1.6	7.9	1.40	0.20	6.90	1635.	49.	7.
1194	0000	-865	37.5123	80.8439(WATER)	1.1	1.4	7.7	1.36	0.19	7.21	1558.	50.	7.
1195	0000	-864	37.5119	80.8439(WATER)	1.0	1.6	6.8	1.53	0.23	6.56	1499.	50.	7.
1196	0000	-868	37.5115	80.8439(WATER)	1.0	1.5	6.7	1.52	0.22	6.78	1459.	50.	8.
1197	0000	-866	37.5110	80.8439(WATER)	1.0	1.5	7.1	1.52	0.21	7.10	1463.	50.	8.
1198	0000	-866	37.5106	80.8438(WATER)	1.0	1.7	6.7	1.65	0.25	6.50	1496.	50.	8.
1199	0000	-868	37.5102	80.8438(WATER)	1.1	1.9	6.5	1.68	0.29	5.78	1548.	50.	7.
1200	0000	-866	37.5097	80.8437(WATER)	1.2	2.0	6.7	1.66	0.30	5.55	1587.	51.	6.
1201	0000	-865	37.5093	80.8437(WATER)	1.3	1.9	7.0	1.49	0.28	5.38	1619.	49.	6.
1202	0000	-866	37.5088	80.8437(WATER)	1.3	1.9	7.0	1.50	0.28	5.38	1633.	49.	6.
1203	0000	-865	37.5084	80.8437 MBF-2	1.3	2.3	6.7	1.78	0.34 +	5.21 -	1636.	49.	6.
1204	0000	-865	37.5080	80.8437 MBF-2	1.3	2.3	6.7	1.80	0.35 +	5.13 -	1624.	47.	6.
1205	0000	-865	37.5075	80.8436 MBF-2	1.3	2.2	6.8	1.76	0.33	5.39 -	1590.	46.	6.
1206	0000	-865	37.5071	80.8436 MBF-2	1.2	2.0	6.5	1.60	0.30	5.27 -	1529.	47.	8.
1207	0000	-864	37.5067	80.8435 MBF-2	1.1	1.9	6.5	1.70	0.30	5.69 -	1496.	45.	10.
1208	0000	-865	37.5062	80.8435 MBF-2	1.1	1.9	5.7 -	1.81	0.34 +	5.32 -	1451.	48.	11.
1209	0000	-866	37.5058	80.8435 MBF-2	1.1	1.5	6.0	1.38	0.25	5.58 -	1408.	50.	12.
1210	0000	-865	37.5053	80.8435 MBF-2	1.0	1.1 -	6.2	1.02 -	0.17 -	5.94	1378.	51.	14.
1211	0000	-863	37.5049	80.8435 MBF-2	1.0	0.9 --	6.0 -	0.83 --	0.14 -	5.83	1370.	51.	15.
1212	0000	-864	37.5045	80.8434 MBF-2	1.0	0.7 --	6.0 -	0.66 ---	0.11 --	5.79 -	1372.	52.	17.
1213	0000	-865	37.5040	80.8434 MBF-2	1.1	0.7 --	6.2	0.68 --	0.12 --	5.80 -	1426.	51.	18.
1214	0000	-864	37.5036	80.8434 MBF-2	1.2	0.6 --	6.6	0.53 ---	0.10 --	5.59 -	1482.	51.	18.
1215	0000	-864	37.5031	80.8434 MBF-2	1.3	0.6 --	7.3	0.43 ---	0.08 --	5.69 -	1569.	51.	18.
1216	0000	-862	37.5027	80.8434 MBF-2	1.3	1.1 -	7.3	0.85 --	0.15 -	5.52 -	1661.	51.	17.
1217	0000	-860	37.5023	80.8432 MBF-2	1.4 +	1.4 -	7.8	0.98 -	0.17 -	5.60 -	1741.	51.	15.
1218	0000	-863	37.5018	80.8432(WATER)	1.5	1.5	8.1	0.98	0.18	5.41	1799.	51.	13.
1219	0000	-862	37.5014	80.8432(WATER)	1.6	1.6	8.4	1.04	0.19	5.38	1854.	49.	10.
1220	0000	-861	37.5010	80.8432(WATER)	1.6	1.7	8.7	1.11	0.20	5.56	1859.	52.	7.
1221	0000	-861	37.5005	80.8432(WATER)	1.5	1.9	8.3	1.29	0.24	5.46	1835.	52.	5.
1222	0000	-858	37.5001	80.8431(WATER)	1.4	2.2	8.2	1.62	0.27	5.91	1770.	50.	2.
1223	0000	-859	37.4996	80.8431(WATER)	1.3	2.0	8.3	1.52	0.24	6.26	1701.	46.	1.
1224	0000	-861	37.4992	80.8430(WATER)	1.3	2.0	7.8	1.58	0.25	6.22	1640.	49.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-859	37.4988	80.8430	(WATER)	1.2	2.2	7.4	1.84	0.29	6.26	1606.	48.	0.
1226	0000	-858	37.4983	80.8430	(WATER)	1.1	2.2	7.3	2.04	0.30	6.72	1564.	50.	0.
1227	0000	-859	37.4979	80.8430	(WATER)	1.1	2.3	7.0	2.13	0.32	6.54	1557.	49.	1.
1228	0000	-857	37.4975	80.8430	MBF-2	1.0	2.3	7.4	2.19	0.31	7.08	1564.	48.	1.
1229	0000	-857	37.4970	80.8429	MBF-2	1.1	2.4	7.6	2.18	0.31	7.02	1592.	49.	1.
1230	0000	-859	37.4966	80.8429	MBF-2	1.1	2.4	7.9	2.19	0.30	7.32	1621.	51.	1.
1231	0000	-856	37.4961	80.8428	MBF-2	1.0	2.6 +	8.0	2.48 +	0.32	7.73	1656.	50.	1.
1232	0000	-854	37.4957	80.8428	MBF-2	1.0	2.6 +	8.2	2.52 +	0.32	7.91	1686.	51.	1.
1233	0000	-855	37.4953	80.8427	MBF-2	1.1	2.7 +	8.3	2.44 +	0.33	7.50	1731.	50.	1.
1234	0000	-856	37.4948	80.8427	MBF-2	1.1	2.8 +	8.5	2.61 +	0.33	8.02	1726.	47.	1.
1235	0000	-854	37.4944	80.8427	MBF-2	1.0	2.7 +	8.6	2.68 +	0.32	8.45 +	1714.	50.	1.
1236	0000	-853	37.4940	80.8427	MBF-2	1.0	2.7 +	8.7 +	2.64 +	0.31	8.62 +	1718.	49.	1.
1237	0000	-854	37.4935	80.8427	MBF-2	1.0	2.8 +	8.7 +	2.80 +	0.32	8.74 +	1728.	52.	1.
1238	0000	-854	37.4931	80.8426	MBF-2	1.1	2.7 +	8.7 +	2.57 +	0.31	8.20 +	1724.	51.	1.
1239	0000	-854	37.4926	80.8426	MBF-2	1.1	2.6 +	9.1 +	2.42 +	0.29	8.49 +	1721.	51.	1.
1240	0000	-854	37.4922	80.8426	MBF-2	1.1	2.5 +	9.6 +	2.30	0.26	9.03 +	1733.	53.	2.
1241	0000	-855	37.4918	80.8426	MBF-2	1.1	2.2	9.7 +	1.98	0.23	8.66 +	1748.	54.	3.
1242	0000	-854	37.4913	80.8426	MBF-2	1.2	2.2	9.6 +	1.87	0.23	8.30 +	1748.	52.	5.
1243	0000	-855	37.4909	80.8425	MBF-2	1.1	2.1	9.3 +	1.88	0.22	8.38 +	1715.	52.	6.
1244	0000	-855	37.4905	80.8425	MBF-2	1.1	2.0	9.0 +	1.86	0.23	8.17 +	1677.	51.	7.
1245	0000	-853	37.4900	80.8424	MBF-2	1.1	1.7	9.0 +	1.62	0.19 -	8.47 +	1655.	50.	8.
1246	0000	-852	37.4896	80.8424	MBF-2	1.0	1.6	8.7 +	1.57	0.18 -	8.68 +	1631.	49.	10.
1247	0000	-853	37.4891	80.8424	MBF-2	0.9	1.3 -	8.3	1.43	0.16 -	8.84 +	1565.	51.	12.
1248	0000	-853	37.4887	80.8423	MBF-2	0.9	1.5	8.2	1.58	0.18 -	8.82 +	1577.	53.	12.
1249	0000	-853	37.4883	80.8423	MH	1.0	1.4	8.4 +	1.48	0.17 -	8.76	1614.	55.	12.
1250	0000	-852	37.4878	80.8422	MH	1.0	1.5	8.7 +	1.47	0.17 -	8.44	1685.	56.	12.
1251	0000	-853	37.4874	80.8422	MH	1.1	1.7	8.4 +	1.66	0.21	7.94	1729.	56.	11.
1252	0000	-852	37.4869	80.8422	MH	1.1	2.1	8.6 +	1.96	0.24	8.04	1743.	56.	10.
1253	0000	-850	37.4865	80.8422	MH	1.1	2.1	8.8 +	1.98	0.24	8.27	1714.	59.	8.
1254	0000	-851	37.4861	80.8422	MH	1.0	2.3 +	8.7 +	2.22	0.27	8.35	1714.	57.	6.
1255	0000	-852	37.4856	80.8421	MH	1.0	2.5 +	8.8 +	2.63	0.29	9.16	1668.	54.	4.
1256	0000	-850	37.4852	80.8421	MH	0.9	2.6 +	8.1 +	3.00	0.32	9.29	1608.	54.	3.
1257	0000	-850	37.4848	80.8421	MH	0.8	2.5 +	8.1 +	3.11	0.31	9.89	1536.	54.	1.
1258	0000	-850	37.4843	80.8421	MH	0.8	2.5 +	8.1 +	3.25	0.30	10.72	1483.	55.	1.
1259	0000	-851	37.4839	80.8420	MH	0.7	2.3 +	7.9	3.22	0.30	10.85 +	1448.	56.	1.
1260	0000	-851	37.4835	80.8420	MH	0.7	2.7 +	7.6	3.92 +	0.35 +	11.23 +	1454.	55.	0.
1261	0000	-849	37.4830	80.8420	MH	0.7	2.8 ++	7.6	4.34 +	0.37 +	11.58 +	1454.	55.	0.
1262	0000	-848	37.4826	80.8419	MH	0.6	2.6 +	7.4	3.96 +	0.35 +	11.42 +	1441.	55.	2.
1263	0000	-850	37.4821	80.8419	MH	0.6	2.4 +	7.5	3.95 +	0.33	12.12 +	1414.	57.	3.
1264	0000	-851	37.4817	80.8419	MH	0.6	2.3 +	7.0	3.92 +	0.33	11.94 +	1376.	54.	4.
1265	0000	-851	37.4813	80.8419	MH	0.6	1.8	7.3	3.22	0.25	12.89 +	1330.	54.	6.
1266	0000	-849	37.4808	80.8418	MH	0.5	1.5	7.0	2.79	0.22	12.93 +	1272.	55.	8.
1267	0000	-850	37.4804	80.8418	MH	0.5	1.1 -	6.6	2.01	0.17 -	12.18 +	1205.	55.	10.
1268	0000	-852	37.4799	80.8418	MH	0.5 -	1.1 -	6.3	2.17	0.17 -	12.56 +	1150.	54.	10.
1269	0000	-851	37.4795	80.8417	MH	0.4 -	1.0 -	6.1	2.39	0.16 -	15.01 ++	1096.	54.	11.
1270	0000	-852	37.4791	80.8417	MH	0.4 -	1.0 -	6.2	2.63	0.15 -	17.07 ++	1053.	53.	10.
1271	0000	-851	37.4786	80.8417	MH	0.3 -	1.0 -	6.0	3.13	0.17 -	18.16 +++	1034.	53.	9.
1272	0000	-849	37.4782	80.8417	MH	0.3 -	1.4	5.5	4.38 +	0.26	16.69 ++	1024.	53.	8.
1273	0000	-849	37.4778	80.8417	MH	0.3 -	1.7	5.5	5.81 ++	0.31	18.90 +++	1021.	52.	6.
1274	0000	-847	37.4773	80.8416	MH	0.3 -	1.9	5.4	6.88 ++	0.36 +	19.16 +++	1011.	49.	4.
1275	0000	-839	37.4769	80.8416	MH	0.3 -	1.8	5.4	6.27 ++	0.34 +	18.23 +++	971.	50.	3.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-832	37.4764	80.8415	MH	0.3 -	1.9	5.2 -	6.29 ++	0.36 +	17.53 ++	938.	51.	2.
1277	0000	-830	37.4760	80.8415	MH	0.3 -	1.9	4.5 -	6.02 ++	0.44 +	13.80 +	912.	49.	2.
1278	0000	-835	37.4756	80.8414	MH	0.3 -	1.8	4.5 -	5.69 ++	0.41 +	13.85 +	867.	49.	1.
1279	0000	-841	37.4751	80.8414	MH	0.3 -	1.6	4.1 -	4.95 +	0.39 +	12.63 +	835.	47.	2.
1280	0000	-843	37.4747	80.8414	MH	0.3 -	1.6	3.7 --	5.23 ++	0.44 +	12.01 +	801.	47.	2.
1281	0000	-845	37.4743	80.8414	MH	0.3 -	1.5	3.6 --	5.56 ++	0.42 +	13.34 +	782.	48.	2.
1282	0000	-846	37.4738	80.8414	MH	0.3 -	1.4	3.3 --	4.88 +	0.42 +	11.70 +	780.	47.	4.
1283	0000	-849	37.4734	80.8413	MH	0.3 -	1.3	3.2 --	4.39 +	0.42 +	10.57	778.	48.	6.
1284	0000	-852	37.4729	80.8413	MH	0.3 -	1.3	3.4 --	5.16 ++	0.39 +	13.14 +	791.	49.	5.
1285	0000	-849	37.4725	80.8412	MH	0.2 --	1.3 -	3.5 --	5.26 ++	0.36 +	14.60 ++	808.	49.	7.
1286	0000	-848	37.4721	80.8412	MH	0.2 --	1.3	3.8 --	5.91 ++	0.34	17.38 ++	828.	52.	7.
1287	0000	-850	37.4716	80.8412	MH	0.2 --	1.2 -	4.3 -	5.12 ++	0.27	19.29 +++	847.	54.	8.
1288	0000	-848	37.4712	80.8412	MH	0.2 --	1.4	4.4 -	5.78 ++	0.31	18.53 +++	871.	53.	8.
1289	0000	-849	37.4708	80.8412	MH	0.2 --	1.3	4.6 -	5.36 ++	0.28	19.40 +++	879.	55.	8.
1290	0000	-849	37.4703	80.8411	MH	0.2 --	1.7	4.6 -	7.30 ++	0.37 +	19.85 +++	906.	53.	7.
1291	0000	-848	37.4699	80.8411	MH	0.2 -	1.7	4.6 -	6.95 ++	0.37 +	18.92 +++	925.	52.	7.
1292	0000	-850	37.4694	80.8410	MH	0.3 -	2.0	4.5 -	7.71 ++	0.45 +	17.29 ++	947.	52.	6.
1293	0000	-848	37.4690	80.8410	MH	0.3 -	2.1	4.5 -	8.17 +++	0.46 ++	17.70 ++	945.	52.	5.
1294	0000	-845	37.4686	80.8410	MH	0.3 -	2.3 +	4.0 -	8.68 +++	0.57 ++	15.16 ++	953.	50.	4.
1295	0000	-848	37.4681	80.8409	MH	0.3 -	2.1	4.1 -	7.72 ++	0.51 ++	15.02 ++	951.	50.	4.
1296	0000	-849	37.4677	80.8409	MH	0.3 -	2.3 +	4.2 -	8.34 +++	0.55 ++	15.26 ++	974.	49.	3.
1297	0000	-846	37.4673	80.8409	MH	0.3 -	2.0	4.4 -	6.43 ++	0.46 ++	14.07 ++	963.	50.	2.
1298	0000	-847	37.4668	80.8409	MH	0.3 -	1.8	4.8 -	5.94 ++	0.38 +	15.57 ++	939.	51.	2.
1299	0000	-847	37.4664	80.8409	MH	0.3 -	1.6	4.9 -	5.36 ++	0.32	16.60 ++	916.	51.	3.
1300	0000	-845	37.4660	80.8408	MH	0.3 -	1.5	4.9 -	5.39 ++	0.31	17.38 ++	897.	49.	4.
1301	0000	-847	37.4657	80.8408	MH	0.3 -	1.3	4.9 -	4.79 +	0.27	17.81 ++	874.	49.	6.
1302	0000	-847	37.4652	80.8408	MH	0.3 -	1.2 -	4.7 -	3.98 +	0.25	15.65 ++	874.	50.	7.
1303	0000	-845	37.4649	80.8408	MH	0.3 -	1.1 -	4.7 -	3.22	0.24	13.58 +	896.	50.	9.
1304	0000	-843	37.4645	80.8408	MH	0.4 -	1.1 -	5.1 -	2.70	0.21	12.90 +	966.	50.	10.
1305	0000	-845	37.4642	80.8408	MH	0.5 -	1.1 -	5.1 -	2.31	0.23	10.21	1053.	49.	11.
1306	0000	-848	37.4637	80.8408	MH	0.6	1.3	5.2 -	2.19	0.25	8.64	1165.	50.	13.
1307	0000	-849	37.4634	80.8408	MBF-2	0.7 -	1.3 -	5.8 -	1.84	0.22	8.46 +	1274.	51.	13.
1308	0000	-848	37.4630	80.8408	MBF-2	0.8 -	1.3 -	6.5	1.63	0.20	8.28 +	1368.	53.	13.
1309	0000	-846	37.4627	80.8408	MBF-2	0.8	1.2 -	6.9	1.43	0.18 -	8.15 +	1452.	53.	12.
1310	0000	-845	37.4623	80.8408	MBF-2	0.9	1.3 -	7.6	1.47	0.17 -	8.55 +	1517.	53.	11.
1311	0000	-848	37.4619	80.8408	MBF-2	1.0	1.4 -	7.7	1.45	0.18 -	8.03	1576.	54.	11.
1312	0000	-851	37.4616	80.8408	MBF-2	1.0	1.6	8.2	1.57	0.19 -	8.22 +	1633.	55.	11.
1313	0000	-850	37.4612	80.8408	MBF-2	1.1	1.5	8.5	1.45	0.18 -	8.03	1649.	53.	11.
1314	0000	-848	37.4608	80.8408	MBF-2	1.1	1.5	8.3	1.38	0.18 -	7.54	1641.	54.	10.
1315	0000	-850	37.4604	80.8408	MBF-2	1.1	1.7	8.1	1.51	0.21	7.32	1628.	53.	10.
1316	0000	-851	37.4601	80.8408	MBF-2	1.0	1.7	8.0	1.65	0.21	7.70	1593.	51.	11.
1317	0000	-847	37.4597	80.8408	MBF-2	1.0	1.6	7.5	1.57	0.22	7.25	1542.	52.	11.
1318	0000	-845	37.4594	80.8408	MBF-2	0.9	1.6	7.0	1.70	0.23	7.46	1474.	52.	11.
1319	0000	-849	37.4589	80.8408	MBF-2	0.9	1.6	6.6	1.85	0.24	7.79	1399.	52.	10.
1320	0000	-850	37.4586	80.8408	MBF-2	0.7 -	1.6	6.8	2.27	0.24	9.36 +	1340.	55.	8.
1321	0000	-849	37.4582	80.8408	MBF-2	0.7 -	1.9	6.5	2.74 +	0.29	9.50 +	1340.	53.	7.
1322	0000	-847	37.4579	80.8408	MBF-2	0.7 -	2.0	6.7	2.92 +	0.30	9.67 ++	1363.	53.	5.
1323	0000	-846	37.4575	80.8408	MBF-2	0.7 -	2.3	6.9	3.08 +	0.33	9.38 +	1400.	56.	4.
1324	0000	-847	37.4571	80.8408	MBF-2	0.7 -	2.2	7.5	3.08 +	0.30	10.38 ++	1446.	52.	2.
1325	0000	-848	37.4567	80.8408	MBF-2	0.8 -	2.5 +	7.5	3.22 +	0.33	9.63 ++	1504.	51.	1.
1326	0000	-849	37.4564	80.8408	MBF-2	0.9	2.6 +	7.7	2.93 +	0.33	8.78 +	1538.	51.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-851	37.4560	80.8408	MBF-2	0.9	2.6 +	7.5	2.76 +	0.35 +	7.92	1540.	49.	1.
1328	0000	-851	37.4556	80.8408	MBF-2	1.0	2.4	7.[illegible]	2.43 +	0.30	8.02	1509.	51.	2.
1329	0000	-849	37.4553	80.8408	MBF-2	0.9	2.2	7.9	2.35	0.28	8.48 +	1476.	50.	2.
1330	0000	-849	37.4548	80.8408	MBF-2	0.9	2.0	8.0	2.19	0.25	8.62 +	1454.	49.	2.
1331	0000	-848	37.4545	80.8408	MBF-2	0.9	2.1	7.7	2.19	0.27	8.07 +	1444.	51.	2.
1332	0000	-848	37.4541	80.8408	MBF-2	1.0	1.8	7.8	1.87	0.24	7.96	1427.	53.	3.
1333	0000	-849	37.4538	80.8408	MBF-2	1.0	1.9	7.6	1.93	0.24	7.91	1434.	54.	3.
1334	0000	-848	37.4534	80.8408	MBF-2	0.9	1.9	7.5	2.01	0.25	8.08 +	1469.	56.	3.
1335	0000	-846	37.4530	80.8408	MBF-2	0.9	1.9	7.7	2.03	0.24	8.36 +	1493.	54.	3.
1336	0000	-846	37.4527	80.8408	MBF-2	0.9	2.0	7.3	2.11	0.27	7.77	1520.	55.	3.
1337	0000	-848	37.4523	80.8408	MBF-2	1.0	1.9	7.5	1.97	0.26	7.72	1535.	55.	3.
1338	0000	-847	37.4519	80.8408	MBF-2	1.0	1.9	7.5	1.94	0.25	7.70	1528.	54.	3.
1339	0000	-846	37.4515	80.8408	MBF-2	0.9	1.8	7.7	1.95	0.24	8.21 +	1514.	52.	2.
1340	0000	-848	37.4512	80.8408	MBF-2	0.9	1.8	7.3	1.90	0.24	7.87	1490.	51.	2.
1341	0000	-849	37.4508	80.8408	MBF-2	0.9	1.7	7.5	1.75	0.22	7.95	1474.	50.	2.
1342	0000	-849	37.4504	80.8408	MH	0.9	1.9	7.1	2.02	0.27	7.63	1467.	51.	1.
1343	0000	-849	37.4500	80.8408	MH	1.0	1.8	7.5	1.83	0.23	7.81	1465.	51.	1.
1344	0000	-849	37.4497	80.8408	MH	1.0	1.9	7.2	1.81	0.26	6.97	1477.	50.	1.
1345	0000	-849	37.4494	80.8408	MH	1.1 +	2.0	6.9	1.79	0.29	6.09 -	1534.	49.	2.
1346	0000	-851	37.4490	80.8408	MH	1.2 +	1.9	7.1	1.57	0.27	5.77 -	1607.	50.	4.
1347	0000	-849	37.4486	80.8408	MH	1.3 +	1.8	7.6	1.39 -	0.23	6.05 -	1635.	51.	5.
1348	0000	-850	37.4482	80.8408	MBF-2	1.3	1.4 -	7.3	1.09 -	0.19 -	5.76 -	1633.	51.	8.
1349	0000	-852	37.4479	80.8408	MBF-2	1.3	1.4	7.3	1.12 -	0.20	5.72 -	1645.	51.	9.
1350	0000	-851	37.4475	80.8407	MBF-2	1.3	1.3 -	7.2	1.04 -	0.18 -	5.66 -	1648.	49.	11.
1351	0000	-849	37.4471	80.8407	MBF-2	1.2	1.3 -	7.2	1.04 -	0.18 -	5.95	1654.	48.	12.
1352	0000	-849	37.4467	80.8407	MBF-2	1.2	1.3 -	7.2	1.06 -	0.17 -	6.09	1634.	49.	12.
1353	0000	-851	37.4464	80.8407	MBF-2	1.2	1.4 -	7.3	1.14 -	0.18 -	6.17	1615.	50.	11.
1354	0000	-851	37.4460	80.8407	MBF-2	1.2	1.4 -	7.4	1.16 -	0.19 -	6.09	1618.	50.	10.
1355	0000	-848	37.4456	80.8407	MBF-2	1.2	1.8	7.4	1.49	0.24	6.17	1611.	50.	7.
1356	0000	-852	37.4453	80.8407	MBF-2	1.2	1.7	7.6	1.43	0.23	6.35	1570.	49.	6.
1357	0000	-853	37.4449	80.8407	MBF-2	1.1	1.8	7.4	1.58	0.24	6.54	1510.	51.	4.
1358	0000	-854	37.4445	80.8407	MBF-2	1.0	1.8	7.2	1.80	0.26	6.98	1409.	52.	2.
1359	0000	-854	37.4441	80.8407	MBF-2	0.9	1.6	6.8	1.90	0.24	7.92	1277.	53.	1.
1360	0000	-849	37.4438	80.8407	MBF-2	0.7 -	1.7	5.9 -	2.56 +	0.29	8.98 +	1131.	51.	1.
1361	0000	-848	37.4434	80.8407	MBF-1	0.5	1.8	5.2	3.92	0.35	11.13	1002.	48.	0.
1362	0000	-851	37.4430	80.8407	MBF-1	0.4	1.7	5.0	4.51	0.34	13.27	919.	47.	0.
1363	0000	-851	37.4426	80.8407	MBF-1	0.3	1.7	4.7	5.87 +	0.37	16.04 +	874.	47.	0.
1364	0000	-851	37.4423	80.8407	MBF-1	0.3 -	1.7	4.5	6.08 +	0.38	16.08 +	852.	47.	1.
1365	0000	-850	37.4419	80.8407	MBF-1	0.3 -	1.5	4.6	5.30	0.33	15.83 +	856.	47.	1.
1366	0000	-850	37.4415	80.8407	MBF-1	0.3	1.8	4.9	6.13 +	0.37	16.76 +	904.	48.	1.
1367	0000	-851	37.4411	80.8407	MBF-1	0.4	1.6	5.4	4.23	0.30	14.23 +	957.	49.	2.
1368	0000	-848	37.4408	80.8407	MBF-1	0.5	1.7	6.1 +	3.21	0.27	11.80	1043.	51.	3.
1369	0000	-849	37.4405	80.8407	MBF-1	0.6 +	1.8	6.1 +	3.01	0.29	10.25	1111.	53.	4.
1370	0000	-854	37.4400	80.8407	MBF-2	0.7 -	1.6	6.4	2.46 +	0.26	9.59 ++	1156.	54.	5.
1371	0000	-851	37.4397	80.8407	MBF-2	0.8 -	1.7	6.7	2.23	0.26	8.67 +	1227.	53.	5.
1372	0000	-850	37.4393	80.8407	MBF-2	0.8 -	1.9	7.0	2.29	0.27	8.50 +	1300.	50.	5.
1373	0000	-853	37.4390	80.8407	MBF-2	0.9	1.9	7.0	2.10	0.27	7.85	1352.	49.	6.
1374	0000	-853	37.4386	80.8407	MBF-2	0.9	2.1	6.7	2.36	0.31	7.65	1376.	50.	5.
1375	0000	-851	37.4382	80.8407	MBF-2	0.9	1.8	6.7	2.08	0.27	7.61	1374.	51.	5.
1376	0000	-850	37.4378	80.8407	MBF-2	0.9	1.6	7.2	1.86	0.23	8.23 +	1374.	49.	4.
1377	0000	-852	37.4375	80.8407	MBF-2	0.9	1.8	7.4	1.96	0.24	8.25 +	1391.	49.	4.

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-853	37.4371	80.8407		MBF-2	0.8	1.7	7.5	2.04	0.23	8.99 +	1385.	52.	3.
1379	0000	-852	37.4367	80.8407		MBF-2	0.9	1.4	7.3	1.62	0.19	8.35 +	1370.	55.	4.
1380	0000	-852	37.4364	80.8407		MBF-2	0.9	1.3 -	7.3	1.44	0.18 -	8.17 +	1359.	56.	5.
1381	0000	-853	37.4360	80.8407		MBF-2	0.9	1.0 -	7.5	1.06 -	0.13 -	8.00	1365.	53.	6.
1382	0000	-850	37.4356	80.8407		MBF-2	0.9	0.9 --	7.4	0.96 -	0.12 --	7.90	1386.	52.	8.
1383	0000	-849	37.4352	80.8407		MBF-2	1.0	1.0 -	6.9	1.06 -	0.15 -	7.15	1414.	51.	10.
1384	0000	-854	37.4349	80.8407		MBF-2	1.0	0.9 -	6.8	0.90 --	0.14 -	6.65	1430.	52.	12.
1385	0000	-857	37.4345	80.8407		MBF-2	1.1	0.9 --	6.7	0.81 --	0.13 -	6.32	1445.	50.	14.
1386	0000	-855	37.4341	80.8407		MBF-2	1.1	0.9 --	6.5	0.81 --	0.13 -	6.10	1443.	51.	15.
1387	0000	-850	37.4337	80.8407		MBF-2	1.1	0.8 --	6.6	0.73 --	0.12 --	6.30	1454.	51.	15.
1388	0000	-851	37.4334	80.8407		MBF-2	1.0	0.8 --	6.3	0.76 --	0.12 -	6.12	1456.	54.	15.
1389	0000	-854	37.4330	80.8407		MBF-2	1.1	0.9 --	6.4	0.82 --	0.14 -	6.02	1464.	54.	14.
1390	0000	-855	37.4327	80.8407		MBF-2	1.1	0.8 --	6.9	0.69 --	0.12 --	5.99	1495.	56.	12.
1391	0000	-855	37.4323	80.8407		MBF-2	1.2	0.9 --	7.3	0.72 --	0.12 --	6.12	1551.	55.	10.
1392	0000	-853	37.4319	80.8407		MBF-2	1.2	1.0 -	7.6	0.80 --	0.13 -	6.23	1598.	56.	9.
1393	0000	-853	37.4315	80.8407		MBF-2	1.2	1.4 -	7.7	1.15 -	0.18 -	6.35	1622.	52.	6.
1394	0000	-853	37.4312	80.8407		MBF-2	1.2	1.5	7.8	1.24 -	0.19 -	6.43	1596.	53.	5.
1395	0000	-853	37.4308	80.8407		MBF-2	1.2	1.6	7.8	1.34	0.21	6.49	1543.	52.	3.
1396	0000	-855	37.4304	80.8407		MBF-2	1.1	1.8	7.2	1.61	0.25	6.46	1453.	52.	2.
1397	0000	-853	37.4301	80.8407		MBF-2	1.0	2.0	6.5	2.04	0.31	6.70	1342.	52.	1.
1398	0000	-852	37.4297	80.8407		MBF-2	0.8 -	2.0	5.7 -	2.43 +	0.34 +	7.10	1206.	56.	1.
1399	0000	-852	37.4293	80.8407		MH	0.6	2.0	5.0 -	3.12	0.39 +	7.93	1076.	55.	1.
1400	0000	-851	37.4289	80.8407		MH	0.5	1.7	4.7 -	3.17	0.37 +	8.54	981.	57.	1.
1401	0000	-851	37.4286	80.8406		MH	0.5 -	1.8	4.2 -	3.66 +	0.44 +	8.32	921.	55.	1.
1402	0000	-853	37.4282	80.8406		MH	0.4 -	1.7	4.0 -	4.04 +	0.43 +	9.45	888.	55.	2.
1403	0000	-853	37.4278	80.8406		MH	0.3 -	1.8	4.1 -	5.15 ++	0.43 +	12.00 +	880.	55.	2.
1404	0000	-854	37.4275	80.8406		MH	0.4 -	1.6	4.3 -	4.37 +	0.38 +	11.62 +	880.	56.	2.
1405	0000	-853	37.4271	80.8406		MH	0.4 -	1.6	4.4 -	4.27 +	0.36 +	12.03 +	897.	52.	2.
1406	0000	-851	37.4267	80.8406		MH	0.4 -	1.4	4.7 -	3.20	0.30	10.67	925.	52.	2.
1407	0000	-853	37.4263	80.8406		MH	0.5 -	1.4	5.1 -	2.69	0.28	9.62	987.	52.	2.
1408	0000	-854	37.4260	80.8406		MH	0.6	1.3	5.4	2.19	0.24	9.12	1082.	50.	4.
1409	0000	-855	37.4256	80.8406		MH	0.7	1.4	5.6	2.05	0.26	8.02	1184.	52.	5.
1410	0000	-854	37.4252	80.8406		MH	0.9	1.2 -	5.9	1.33 -	0.20 -	6.70	1313.	51.	7
1411	0000	-853	37.4249	80.8406		MH	1.0	1.4	6.1	1.44	0.23	6.37 -	1449.	51.	9.
1412	0000	-851	37.4245	80.8406		MH	1.2 +	1.3	6.7	1.09 -	0.20 -	5.52 -	1606.	51.	10.
1413	0000	-850	37.4241	80.8406		MH	1.4 +	1.3	7.2	0.92 --	0.18 -	5.15 -	1734.	52.	11.
1414	0000	-853	37.4238	80.8406		MH	1.5 ++	1.4	7.1	0.93 --	0.19 -	4.87 --	1828.	53.	12.
1415	0000	-856	37.4234	80.8406		MH	1.6 ++	1.2 -	7.3	0.76 --	0.17 -	4.47 --	1892.	54.	12.
1416	0000	-853	37.4230	80.8406		MH	1.7 ++	1.2 -	7.9	0.72 --	0.16 -	4.60 --	1956.	51.	11.
1417	0000	-853	37.4227	80.8406		MH	1.7 +++	1.4	8.1	0.79 --	0.17 -	4.66 --	1968.	52.	11.
1418	0000	-854	37.4222	80.8406		MH	1.8 +++	1.2 -	8.4 +	0.65 --	0.14 --	4.66 --	1973.	53.	11.
1419	0000	-851	37.4219	80.8406		MH	1.7 +++	1.4	8.0	0.81 --	0.17 -	4.62 --	1955.	50.	11.
1420	0000	-852	37.4215	80.8406		MH	1.7 +++	1.4	7.6	0.84 --	0.19 --	4.43 --	1941.	51.	12.
1421	0000	-856	37.4212	80.8406		MH	1.7 ++	1.4	8.0	0.82 --	0.17 -	4.81 --	1909.	52.	11.
1422	0000	-853	37.4208	80.8406		MH	1.6 ++	1.4	8.2 +	0.87 --	0.17 -	5.01 --	1887.	52.	12.
1423	0000	-849	37.4204	80.8406		MH	1.6 ++	1.3	8.0	0.82 --	0.16 -	5.12 -	1845.	53.	12.
1424	0000	-852	37.4200	80.8406		MH	1.5 ++	1.5	7.8	0.96 -	0.19 -	5.12 -	1820.	50.	11.
1425	0000	-853	37.4197	80.8406		MH	1.5 ++	1.4	7.5	0.97 -	0.19 -	5.11 -	1775.	49.	11.
1426	0000	-853	37.4193	80.8405		MH	1.4 +	1.3	7.6	0.94 --	0.17 -	5.48 -	1723.	49.	11.
1427	0000	-852	37.4189	80.8405		MH	1.3 +	1.3	7.8	0.99 -	0.16 -	6.00 -	1675.	48.	10.
1428	0000	-850	37.4186	80.8405		MH	1.3 +	1.3	7.2	1.06 -	0.18 -	5.76 -	1620.	48.	10.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-849	37.4182	80.8405		MH	1.2 +	1.4	7.3	1.21 -	0.19 -	6.25 -	1566.	48.	8.
1430	0000	-851	37.4178	80.8405		MH	1.2 +	1.6	6.8	1.36 -	0.23	5.86 -	1516.	48.	8.
1431	0000	-853	37.4174	80.8405		MH	1.1 +	1.5	6.9	1.31 -	0.22	6.08 -	1476.	49.	7.
1432	0000	-854	37.4171	80.8405		MH	1.1 +	1.4	6.9	1.23 -	0.20	6.11 -	1447.	48.	7.
1433	0000	-852	37.4167	80.8405		MH	1.1 +	1.2 -	6.7	1.06 -	0.18 -	5.93 -	1412.	50.	7.
1434	0000	-850	37.4164	80.8405		MH	1.1 +	1.2 -	6.0	1.10 -	0.21	5.32 -	1379.	49.	8.
1435	0000	-853	37.4159	80.8405		MH	1.1	1.0 -	6.2	0.89 --	0.16 -	5.52 -	1370.	49.	9.
1436	0000	-853	37.4156	80.8405		MH	1.1 +	1.0 -	5.8	0.84 --	0.16 -	5.13 -	1361.	51.	11.
1437	0000	-853	37.4152	80.8405		MH	1.1	0.8 -	6.0	0.71 --	0.14 --	5.28 -	1351.	51.	12.
1438	0000	-852	37.4149	80.8405		MH	1.1	0.7 --	6.2	0.64 --	0.11 ---	5.55 -	1357.	50.	12.
1439	0000	-851	37.4145	80.8405		MH	1.1	0.8 --	6.3	0.67 --	0.12 --	5.59 -	1378.	49.	13.
1440	0000	-853	37.4141	80.8405	(WATER)		1.2	0.8	6.4	0.70	0.13	5.50	1417.	49.	14.
1441	0000	-855	37.4138	80.8405	(WATER)		1.2	0.8	6.7	0.68	0.12	5.63	1475.	51.	14.
1442	0000	-852	37.4134	80.8405	(WATER)		1.3	1.0	6.6	0.75	0.15	5.10	1551.	49.	15.
1443	0000	-850	37.4130	80.8405	(WATER)		1.3	1.2	6.8	0.94	0.18	5.19	1623.	47.	14.
1444	0000	-851	37.4126	80.8405	(WATER)		1.4	1.3	6.8	0.98	0.20	5.01	1701.	49.	14.
1445	0000	-851	37.4123	80.8405	(WATER)		1.5	1.4	6.8	0.91	0.20	4.51	1770.	52.	14.
1446	0000	-851	37.4118	80.8405	(WATER)		1.6	1.4	7.4	0.90	0.19	4.63	1843.	53.	13.
1447	0000	-849	37.4115	80.8405	(WATER)		1.6	1.5	7.8	0.94	0.20	4.81	1893.	51.	12.
1448	0000	-848	37.4112	80.8405	(WATER)		1.7	1.5	8.5	0.88	0.18	5.04	1921.	49.	10.
1449	0000	-850	37.4108	80.8405	(WATER)		1.7	1.7	9.0	1.05	0.19	5.48	1932.	48.	9.
1450	0000	-850	37.4104	80.8405	(WATER)		1.7	1.6	8.9	0.99	0.19	5.34	1919.	48.	8.
1451	0000	-849	37.4100	80.8405	(WATER)		1.6	1.7	8.8	1.05	0.20	5.38	1886.	49.	7.
1452	0000	-848	37.4097	80.8405	(WATER)		1.5	1.8	8.4	1.19	0.21	5.61	1824.	48.	7.
1453	0000	-848	37.4093	80.8405	(WATER)		1.4	1.8	7.6	1.29	0.23	5.56	1731.	47.	7.
1454	0000	-852	37.4089	80.8405	(WATER)		1.3	1.8	7.1	1.37	0.25	5.50	1653.	49.	8.
1455	0000	-850	37.4085	80.8405	(WATER)		1.1	1.8	6.5	1.59	0.27	5.82	1569.	50.	8.
1456	0000	-846	37.4082	80.8405	(WATER)		1.1	1.6	6.0	1.47	0.26	5.64	1484.	52.	8.
1457	0000	-849	37.4078	80.8405	(WATER)		1.0	1.4	6.1	1.49	0.24	6.25	1410.	49.	8.
1458	0000	-852	37.4074	80.8405	(WATER)		1.0	1.4	6.0	1.44	0.23	6.30	1377.	47.	8.
1459	0000	-850	37.4071	80.8405	(WATER)		0.9	1.4	6.0	1.51	0.23	6.50	1347.	47.	7.
1460	0000	-852	37.4067	80.8405	(WATER)		0.9	1.6	6.3	1.72	0.25	6.95	1343.	45.	6.
1461	0000	-849	37.4064	80.8405	(WATER)		0.9	1.7	6.5	1.97	0.27	7.44	1318.	46.	4.
1462	0000	-843	37.4060	80.8405	(WATER)		0.9	1.7	6.3	1.89	0.27	7.02	1309.	45.	3.
1463	0000	-845	37.4056	80.8405	(WATER)		0.9	1.9	6.2	2.15	0.31	6.87	1323.	45.	2.
1464	0000	-847	37.4052	80.8405	(WATER)		0.9	2.0	5.9	2.08	0.33	6.29	1328.	47.	2.
1465	0000	-845	37.4049	80.8405	(WATER)		0.9	2.1	6.2	2.30	0.33	6.86	1341.	47.	1.
1466	0000	-848	37.4045	80.8405	(WATER)		0.9	1.9	6.5	2.04	0.29	6.96	1349.	46.	1.
1467	0000	-849	37.4041	80.8405	(WATER)		0.9	1.8	6.7	1.95	0.27	7.10	1373.	48.	1.
1468	0000	-847	37.4037	80.8405	(WATER)		1.0	1.8	6.6	1.88	0.28	6.70	1407.	47.	1.
1469	0000	-851	37.4034	80.8405	(WATER)		1.0	1.9	6.6	1.86	0.28	6.57	1438.	48.	2.
1470	0000	-850	37.4030	80.8405	(WATER)		1.0	1.7	6.9	1.66	0.25	6.77	1442.	49.	2.
1471	0000	-844	37.4026	80.8405	(WATER)		1.0	1.6	7.7	1.57	0.20	7.73	1468.	49.	3.
1472	0000	-845	37.4023	80.8405	(WATER)		1.0	1.5	7.3	1.43	0.20	7.11	1446.	52.	5.
1473	0000	-847	37.4019	80.8405	(WATER)		1.0	1.5	7.4	1.57	0.20	7.78	1421.	53.	6.
1474	0000	-846	37.4015	80.8405	(WATER)		0.9	1.3	7.0	1.53	0.19	8.03	1361.	54.	7.
1475	0000	-845	37.4011	80.8405	(WATER)		0.8	1.3	7.0	1.57	0.18	8.72	1318.	53.	7.
1476	0000	-845	37.4008	80.8405		MBF-2	0.8 -	1.3 -	6.9	1.76	0.19 -	9.18 +	1281.	52.	7.
1477	0000	-847	37.4004	80.8404		MBF-2	0.7 -	1.3 -	6.9	1.86	0.19 -	10.01 ++	1246.	51.	8.
1478	0000	-847	37.4001	80.8404		MBF-2	0.7 -	1.4 -	6.2	2.13	0.22	9.55 ++	1193.	54.	7.
1479	0000	-844	37.3996	80.8404		MBF-1	0.6 +	1.4	6.6 +	2.45	0.21 -	11.42	1192.	53.	6.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-843	37.3993	80.8404	MBF-2	0.6 -	1.6	6.1	2.56 +	0.26	9.83 ++	1192.	55.	6.
1481	0000	-844	37.3989	80.8404	MBF-2	0.7 -	1.6	6.2	2.38	0.26	9.09 +	1205.	54.	6.
1482	0000	-844	37.3985	80.8404	MBF-2	0.7 -	1.5	6.2	2.24	0.25	9.07 +	1195.	55.	6.
1483	0000	-842	37.3982	80.8404	MBF-2	0.7 -	1.4	6.3	2.19	0.23	9.52 ++	1183.	56.	6.
1484	0000	-842	37.3978	80.8404	MH	0.6	1.6	5.7	2.60	0.29	8.93	1168.	56.	6.
1485	0000	-843	37.3975	80.8404	MH	0.6	1.6	5.5	2.60	0.28	9.27	1167.	52.	6.
1486	0000	-841	37.3970	80.8404	MH	0.6	1.7	5.0 -	2.84	0.33	8.67	1126.	53.	7.
1487	0000	-840	37.3967	80.8404	MH	0.6	1.5	4.9 -	2.70	0.30	8.85	1110.	51.	8.
1488	0000	-842	37.3963	80.8404	MH	0.5 -	1.6	4.9 -	3.12	0.32	9.69	1094.	48.	8.
1489	0000	-841	37.3960	80.8404	MH	0.5 -	1.6	4.4 -	3.31	0.37 +	8.99	1088.	50.	9.
1490	0000	-839	37.3956	80.8404	MH	0.5 -	1.6	4.3 -	3.45 +	0.38 +	9.12	1086.	49.	10.
1491	0000	-839	37.3952	80.8404	MH	0.5 -	1.3	4.6 -	2.56	0.28	9.26	1093.	48.	11.
1492	0000	-839	37.3948	80.8404	MH	0.5 -	1.3	4.3 -	2.42	0.30	8.03	1072.	51.	12.
1493	0000	-842	37.3945	80.8405	MH	0.6	1.1 -	4.5 -	2.00	0.25	7.96	1077.	50.	12.
1494	0000	-842	37.3941	80.8405	MH	0.6	1.0 -	4.9 -	1.68	0.20	8.25	1081.	48.	11.
1495	0000	-840	37.3937	80.8405	MH	0.6	1.0 -	5.0 -	1.73	0.20 -	8.87	1068.	50.	11.
1496	0000	-840	37.3934	80.8405	MH	0.6	1.0 -	5.2 -	1.89	0.20	9.40	1072.	48.	9.
1497	0000	-841	37.3930	80.8405	MH	0.6	1.1 -	5.2	1.75	0.20	8.61	1079.	48.	8.
1498	0000	-840	37.3926	80.8405	MH	0.6	1.2 -	5.4	1.95	0.22	9.03	1066.	50.	6.
1499	0000	-840	37.3922	80.8405	MH	0.6	1.2 -	5.9	1.95	0.20 -	9.90	1084.	51.	6.
1500	0000	-838	37.3919	80.8405	MH	0.5	1.5	6.1	2.64	0.24	11.20 +	1103.	51.	5.
1501	0000	-836	37.3915	80.8405	MH	0.6	1.7	6.0	3.04	0.28	10.83 +	1124.	54.	4.
1502	0000	-837	37.3912	80.8404	MH	0.6	1.8	5.5	2.88	0.33	8.71	1160.	55.	3.
1503	0000	-836	37.3907	80.8404	MH	0.7	1.7	5.7	2.33	0.29	7.96	1186.	55.	3.
1504	0000	-834	37.3904	80.8404	MH	0.7	1.8	5.9	2.41	0.30	8.13	1223.	56.	3.
1505	0000	-838	37.3900	80.8404	MH	0.8	1.9	6.1	2.32	0.31	7.53	1288.	56.	3.
1506	0000	-840	37.3897	80.8404	MH	0.9	1.9	6.3	2.07	0.30	6.82	1352.	53.	3.
1507	0000	-839	37.3893	80.8404	MH	1.1	1.6	6.4	1.47	0.25	5.77 -	1427.	53.	4.
1508	0000	-838	37.3889	80.8404	MH	1.2 +	1.5	6.6	1.20 -	0.22	5.40 -	1503.	51.	5.
1509	0000	-837	37.3885	80.8404	MH	1.3 +	1.6	7.0	1.22 -	0.22	5.46 -	1573.	50.	5.
1510	0000	-835	37.3882	80.8404	MH	1.3 +	1.6	7.3	1.23 -	0.22	5.54 -	1627.	51.	6.
1511	0000	-837	37.3878	80.8404	MH	1.4 +	1.3	7.4	0.95 -	0.18 -	5.23 -	1660.	51.	7.
1512	0000	-840	37.3874	80.8404	MH	1.4 ++	1.3 -	7.2	0.88 --	0.18 -	5.01 --	1658.	52.	8.
1513	0000	-839	37.3871	80.8404	MH	1.3 +	1.4	6.7	1.06 -	0.21	5.06 -	1612.	50.	9.
1514	0000	-837	37.3867	80.8404	MH	1.3 +	1.2 -	6.4	0.99 -	0.19 -	5.10 -	1534.	51.	9.
1515	0000	-838	37.3863	80.8404	MH	1.2 +	1.2 -	6.0	1.05 -	0.20	5.12 -	1465.	50.	10.
1516	0000	-839	37.3860	80.8404	MH	1.2 +	0.8 -	6.1	0.70 --	0.13 --	5.25 -	1394.	49.	10.
1517	0000	-837	37.3856	80.8404	MH	1.1 +	0.8 -	5.5	0.74 --	0.15 -	4.85 --	1333.	48.	10.
1518	0000	-837	37.3852	80.8404	MH	1.1	1.2 -	4.9 -	1.13 -	0.24	4.67 --	1277.	47.	9.
1519	0000	-835	37.3848	80.8404	(WATER)	1.0	1.1	4.9	1.18	0.23	5.03	1244.	46.	9.
1520	0000	-834	37.3845	80.8404	(WATER)	1.0	1.2	5.2	1.25	0.24	5.19	1253.	48.	7.
1521	0000	-835	37.3841	80.8404	(WATER)	1.0	1.6	5.3	1.63	0.29	5.59	1266.	47.	6.
1522	0000	-836	37.3837	80.8404	(WATER)	0.9	1.8	5.3	1.96	0.34	5.75	1257.	47.	5.
1523	0000	-836	37.3833	80.8404	(WATER)	0.9	2.2	5.3	2.57	0.42	6.11	1271.	46.	4.
1524	0000	-837	37.3830	80.8404	(WATER)	0.8	2.5	5.4	3.05	0.45	6.72	1286.	46.	3.
1525	0000	-836	37.3826	80.8404	(WATER)	0.8	2.4	5.8	3.01	0.41	7.33	1286.	47.	2.
1526	0000	-834	37.3822	80.8404	(WATER)	0.8	2.4	5.8	3.05	0.42	7.33	1276.	46.	1.
1527	0000	-833	37.3819	80.8404	(WATER)	0.8	2.3	5.6	3.12	0.42	7.40	1257.	46.	1.
1528	0000	-831	37.3815	80.8404	MBF-2	0.7 -	2.3	5.6 -	3.27 +	0.42 ++	7.84	1242.	46.	2.
1529	0000	-829	37.3812	80.8404	MBF-2	0.7 -	2.1	5.9 -	2.92 +	0.35 +	8.28 +	1242.	46.	1.
1530	0000	-829	37.3808	80.8404	MBF-2	0.7 -	1.9	5.7 -	2.86 +	0.34 +	8.52 +	1215.	49.	1.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-826	37.3804	80.8404	MBF-2	0.6 -	1.8	5.8 -	2.91 +	0.32	9.15 +	1201.	49.	1.
1532	0000	-828	37.3801	80.8405	MBF-1	0.6 +	1.8	5.9 +	3.08	0.31	10.01	1211.	48.	1.
1533	0000	-833	37.3797	80.8405	MBF-1	0.6 +	1.9	6.1 +	3.28	0.31	10.52	1216.	49.	1.
1534	0000	-830	37.3793	80.8405	MBF-1	0.6 +	1.9	6.2 +	3.25	0.30	10.68	1237.	49.	1.
1535	0000	-830	37.3790	80.8405	MBF-2	0.6 -	1.8	6.4	2.80 +	0.28	9.98 ++	1249.	49.	0.
1536	0000	-833	37.3786	80.8405	MBF-2	0.7 -	1.9	6.4	2.88 +	0.30	9.70 ++	1278.	49.	0.
1537	0000	-828	37.3782	80.8406	MBF-2	0.7 -	1.9	6.4	2.61 +	0.30	8.67 +	1319.	49.	0.
1538	0000	-829	37.3779	80.8406	MBF-2	0.9	1.7	6.5	1.96	0.26	7.48	1376.	53.	0.
1539	0000	-833	37.3775	80.8406	MBF-2	1.0	1.7	6.7	1.73	0.26	6.67	1436.	56.	0.
1540	0000	-827	37.3772	80.8406	MBF-2	1.1	1.7	6.9	1.57	0.25	6.24	1511.	58.	0.
1541	0000	-828	37.3767	80.8407	MBF-2	1.2	1.5	7.5	1.27 -	0.21	6.17	1580.	59.	0.
1542	0000	-832	37.3764	80.8407	MBF-2	1.3	1.5	7.8	1.17 -	0.20	5.91	1669.	61.	0.
1543	0000	-830	37.3761	80.8407	MBF-2	1.3 +	1.8	8.0	1.37	0.23	5.91	1728.	60.	0.
1544	0000	-832	37.3757	80.8407	MBF-2	1.3 +	1.9	8.1	1.45	0.24	6.06	1750.	59.	0.
1545	0000	-838	37.3753	80.8407	MBF-2	1.3	2.0	8.0	1.57	0.25	6.30	1729.	55.	0.
1546	0000	-832	37.3750	80.8407	MBF-2	1.2	2.0	7.9	1.60	0.25	6.45	1682.	53.	0.
1547	0000	-829	37.3745	80.8407	MBF-2	1.2	2.0	8.0	1.65	0.25	6.70	1659.	53.	0.
1548	0000	-834	37.3742	80.8407	MBF-2	1.2	2.2	7.9	1.77	0.27	6.45	1677.	51.	1.
1549	0000	-836	37.3739	80.8407	MBF-2	1.3	2.2	8.1	1.69	0.27	6.18	1722.	49.	1.
1550	0000	-834	37.3735	80.8407	MBF-2	1.4 +	2.1	8.1	1.44	0.25	5.69 -	1777.	50.	2.
1551	0000	-829	37.3731	80.8408	MBF-2	1.6 ++	2.1	9.0 +	1.28	0.23	5.47 -	1876.	51.	3.
1552	0000	-829	37.3728	80.8408	MG	1.8 ++	2.0	9.4 +	1.10 -	0.21 -	5.27 -	1953.	53.	4.
1553	0000	-832	37.3724	80.8408	MG	1.8 ++	1.8	9.6 +	1.00 --	0.19 -	5.35 -	1977.	54.	5.
1554	0000	-832	37.3720	80.8408	MG	1.8 ++	1.7 -	9.1 +	0.94 --	0.19 -	5.07 -	1969.	53.	7.
1555	0000	-829	37.3716	80.8409	MG	1.7 ++	1.6 -	8.8 +	0.93 --	0.18 -	5.10 -	1906.	54.	8.
1556	0000	-828	37.3713	80.8409	MG	1.6 ++	1.6 -	8.4	1.00 -	0.19 -	5.28 -	1825.	54.	8.
1557	0000	-829	37.3709	80.8409	MG	1.5 +	1.3 -	8.1	0.88 --	0.16 --	5.48 -	1719.	53.	9.
1558	0000	-825	37.3705	80.8409	MG	1.3 +	1.2 -	7.3	0.96 --	0.17 --	5.63 -	1627.	52.	9.
1559	0000	-822	37.3702	80.8409	MG	1.2	1.4 -	7.0	1.12 -	0.20 -	5.74 -	1586.	52.	9.
1560	0000	-824	37.3699	80.8409	MG	1.2	1.6 -	6.4	1.36 -	0.26	5.32 -	1581.	52.	9.
1561	0000	-822	37.3694	80.8409	MG	1.2	1.9	6.3	1.59	0.30	5.26 -	1583.	49.	7.
1562	0000	-816	37.3691	80.8409	MG	1.1	2.0	6.3	1.78	0.33	5.47 -	1571.	49.	6.
1563	0000	-817	37.3687	80.8410	MG	1.1	2.3	6.2	2.08	0.37	5.67 -	1553.	49.	5.
1564	0000	-816	37.3683	80.8410	MMP	1.0	2.6 +	6.0	2.55	0.43 +	5.96 -	1538.	49.	4.
1565	0000	-810	37.3680	80.8410	MMP	0.9	2.5 +	6.2	2.68	0.41 +	6.50 -	1515.	51.	2.
1566	0000	-812	37.3677	80.8410	MMP	0.9	2.7 +	6.0	3.08 +	0.45 +	6.85	1483.	51.	1.
1567	0000	-811	37.3673	80.8410	MMP	0.8	2.6 +	6.1	3.08 +	0.42 +	7.25	1470.	49.	1.
1568	0000	-809	37.3669	80.8410	MMP	0.8	2.5	6.2	3.18 +	0.40 +	7.99	1455.	53.	0.
1569	0000	-810	37.3665	80.8411	MMP	0.8	2.5	6.3	3.13 +	0.39 +	7.98	1460.	54.	0.
1570	0000	-807	37.3662	80.8411	MMP	0.8	2.3	6.2	2.94 +	0.37	8.05	1450.	56.	0.
1571	0000	-806	37.3658	80.8411	DMU	0.8 -	2.3	6.2	2.82 ++	0.37 +	7.67 +	1452.	55.	0.
1572	0000	-810	37.3654	80.8411	DMU	0.8 -	2.2	6.0	2.77 +	0.36 +	7.59	1402.	53.	0.
1573	0000	-810	37.3651	80.8411	DMU	0.8 -	2.0	5.6	2.49 +	0.35 +	7.05	1355.	54.	1.
1574	0000	-814	37.3647	80.8412	DMU	0.8 -	1.9	5.5	2.39 +	0.34	6.96	1311.	52.	2.
1575	0000	-817	37.3643	80.8412	DMU	0.8 -	1.7	5.5	2.09	0.31	6.69	1279.	51.	3.
1576	0000	-814	37.3640	80.8412	OB-1	0.9	1.5	5.3	1.59	0.28	5.73	1263.	48.	3.
1577	0000	-813	37.3637	80.8412	OB-1	1.0	1.6 •	4.8	1.55	0.33	4.76	1261.	47.	4.
1578	0000	-811	37.3632	80.8413	OB-1	1.0	1.5	5.0	1.43	0.30	4.78	1263.	49.	4.
1579	0000	-813	37.3629	80.8413	OB-1	1.1	1.4	4.9	1.25	0.28	4.41	1255.	48.	4.
1580	0000	-816	37.3625	80.8413	OB-1	1.0	1.5	4.8	1.42	0.30	4.67	1231.	48.	4.
1581	0000	-816	37.3622	80.8413	OB-1	1.0	1.5	4.8	1.51	0.32	4.78	1204.	50.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-822	37.3618	80.8413	OB-1	0.9	1.4	4.3	1.44	0.32	4.50	1173.	51.	6.
1583	0000	-824	37.3614	80.8413	OB-1	0.8	1.3	4.5	1.56	0.28	5.55	1128.	51.	7.
1584	0000	-822	37.3611	80.8413	OB-1	0.7	1.0 -	5.0	1.45	0.21 -	6.97	1091.	54.	8.
1585	0000	-822	37.3607	80.8413	OMUU	0.6	1.0 -	4.9	1.54	0.20	7.73	1059.	54.	9.
1586	0000	-820	37.3603	80.8413	OMUU	0.6	1.1	4.9	1.92	0.21	8.98	1082.	55.	10.
1587	0000	-819	37.3600	80.8413	OMUU	0.6	1.0	5.4	1.61	0.19	8.66	1135.	54.	11.
1588	0000	-825	37.3596	80.8414	OMUU	0.7	1.1	5.8	1.56	0.18 -	8.54	1218.	55.	10.
1589	0000	-825	37.3592	80.8414	OMUU	0.7	1.3	6.5	1.80	0.20	9.20	1287.	55.	10.
1590	0000	-820	37.3589	80.8414	OMUU	0.8	1.5	6.4	1.90	0.23	8.20	1348.	56.	10.
1591	0000	-817	37.3586	80.8414	OMUU	0.8	1.6	6.7	1.87	0.23	8.04	1395.	55.	9.
1592	0000	-819	37.3582	80.8415	OMUU	0.9	1.4	6.7	1.59	0.22	7.40	1423.	56.	9.
1593	0000	-828	37.3578	80.8415	OMUU	1.0	1.5	6.6	1.59	0.23	6.87	1422.	56.	8.
1594	0000	-827	37.3574	80.8415	OMUU	0.9	1.5	6.6	1.59	0.23	7.04	1397.	56.	7.
1595	0000	-822	37.3570	80.8415	OMUU	0.9	1.4	6.5	1.59	0.22	7.13	1345.	56.	6.
1596	0000	-825	37.3567	80.8415	OMUU	0.9	1.4	6.2	1.50	0.22	6.67	1310.	57.	5.
1597	0000	-827	37.3563	80.8416	OMUU	0.9	1.4	6.0	1.60	0.24	6.74	1272.	55.	4.
1598	0000	-822	37.3560	80.8416	OMUU	0.9	1.5	5.5	1.68	0.26	6.37	1230.	54.	4.
1599	0000	-819	37.3556	80.8416	OMUU	0.8	1.5	5.3	1.87	0.29	6.42	1183.	52.	3.
1600	0000	-821	37.3552	80.8416	OMUU	0.8	1.4	5.4	1.68	0.25	6.72	1161.	54.	3.
1601	0000	-825	37.3549	80.8416	OMUU	0.8	1.2	5.1	1.53	0.25	6.23	1142.	53.	4.
1602	0000	-823	37.3545	80.8417	OMUU	0.8	1.3	4.7	1.63	0.27	5.99	1125.	54.	4.
1603	0000	-825	37.3541	80.8417	OMUU	0.8	1.2	4.5	1.62	0.28	5.87	1106.	55.	4.
1604	0000	-828	37.3538	80.8417	OMUU	0.7	1.3	4.4	1.75	0.29	5.96	1085.	56.	5.
1605	0000	-822	37.3534	80.8417	OMUU	0.7	1.3	4.3	1.78	0.29	6.03	1061.	58.	5.
1606	0000	-823	37.3530	80.8417	OMUU	0.7	1.3	4.3	2.03	0.32	6.41	1047.	60.	4.
1607	0000	-827	37.3527	80.8417	OMUU	0.6	1.3	4.3	2.04	0.30	6.81	1015.	58.	4.
1608	0000	-823	37.352	80.8417	OMUU	0.6	1.3	4.5	1.99	0.28	7.00	1004.	56.	3.
1609	0000	-821	37.3519	80.8417	OMUU	0.7	1.1	4.9	1.63	0.22	7.45	995.	55.	3.
1610	0000	-823	37.3516	80.8417	OMUU	0.6	1.1	4.9	1.63	0.21	7.59	981.	57.	3.
1611	0000	-826	37.3512	80.8418	OMUU	0.6	1.0 -	4.9	1.57	0.20	7.88	957.	60.	3.
1612	0000	-829	37.3509	80.8418	OMUU	0.6	1.0 -	4.9	1.66	0.20	8.36	951.	59.	2.
1613	0000	-829	37.3505	80.8418	OMUU	0.6	0.8 -	5.3	1.37	0.15 -	9.05	941.	58.	2.
1614	0000	-827	37.3501	80.8418	STC-2	0.6	1.0	5.0	1.67 -	0.20	8.46	952.	58.	2.
1615	0000	-828	37.3497	80.8418	STC-2	0.5	1.1	4.7	2.00	0.22	8.97	921.	61.	2.
1616	0000	-824	37.3494	80.8419	STC-2	0.5	1.2	4.5	2.44	0.26	9.46	888.	59.	1.
1617	0000	-821	37.3490	80.8419	STC-2	0.4	1.2	4.5	2.91	0.27	10.79	849.	57.	0.
1618	0000	-823	37.3487	80.8419	STC-2	0.4	1.1	4.3 -	2.98	0.26	11.26	822.	57.	0.
1619	0000	-822	37.3483	80.8419	STC-2	0.4	1.2	4.2 -	3.55	0.30	12.02	794.	57.	0.
1620	0000	-818	37.3479	80.8420	STC-1	0.3 +	1.3	3.9 +	3.62	0.32	11.19	782.	58.	1.
1621	0000	-816	37.3476	80.8420	STC-1	0.3 +	1.2	4.0 +	3.69	0.31	11.80	775.	61.	2.
1622	0000	-815	37.3472	80.8420	STC-2	0.4	1.3	4.1 -	3.66	0.32	11.28	803.	60.	2.
1623	0000	-811	37.3468	80.8420	STC-2	0.4	1.2	4.3 -	3.41	0.28	12.25	836.	60.	3.
1624	0000	-813	37.3465	80.8420	STC-2	0.4	1.1	4.6	3.04	0.24	12.73	883.	59.	4.
1625	0000	-820	37.3461	80.8420	STC-2	0.4	1.4	4.9	3.29	0.28	11.56	939.	59.	4.
1626	0000	-820	37.3457	80.8420	STC-2	0.5	1.5	5.2	3.09	0.28	10.91	1003.	60.	4.
1627	0000	-819	37.3454	80.8420	STC-2	0.5	1.4	5.5	2.76	0.26	10.53	1056.	58.	4.
1628	0000	-820	37.3450	80.8420	STC-2	0.6	1.4	5.9	2.46	0.23	10.58	1121.	55.	4.
1629	0000	-817	37.3446	80.8421	STC-2	0.6	1.1	6.9 +	1.83	0.16 -	11.52	1165.	56.	4.
1630	0000	-814	37.3443	80.8421	STC-2	0.6	1.4	7.0 +	2.24	0.19	11.54	1190.	57.	3.
1631	0000	-815	37.3439	80.8421	STC-2	0.6	1.5	7.1 +	2.42	0.21	11.36	1217.	59.	3.
1632	0000	-814	37.3436	80.8421	STC-2	0.6	1.2	7.4 +	1.97	0.17 -	11.83	1242.	58.	4.

CP9 1P12

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-813	37.3432	80.8421	STC-2	0.6	1.1	7.5 +	1.74	0.14 -	12.24	1237.	56.	4.
1634	0000	-817	37.3428	80.8422	STC-2	0.6	1.1	7.7 +	1.97	0.15 -	13.51	1222.	59.	4.
1635	0000	-818	37.3425	80.8422	STC-2	0.5	1.1	7.1 +	2.21	0.16 -	13.78	1168.	58.	5.
1636	0000	-815	37.3421	80.8422	STC-2	0.4	1.4	6.5	3.33	0.22	15.45	1114.	56.	5.
1637	0000	-813	37.3417	80.8422	STC-2	0.4	1.2	6.1	2.96	0.20	14.79	1066.	57.	6.
1638	0000	-817	37.3414	80.8422	STC-2	0.4	1.2	5.8	3.42	0.21	16.26	1003.	56.	5.
1639	0000	-819	37.3410	80.8422	STC-2	0.3	1.2	5.6	3.73	0.22	17.29	947.	55.	5.
1640	0000	-815	37.3406	80.8422	STC-2	0.3	1.1	5.4	3.86	0.21	18.74 +	909.	56.	6.
1641	0000	-813	37.3403	80.8422	STC-2	0.3 -	1.3	5.1	5.03 +	0.26	19.21 +	884.	54.	6.
1642	0000	-815	37.3399	80.8422	STC-2	0.2 -	1.4	5.0	5.99 +	0.29	21.00 +	870.	54.	5.
1643	0000	-817	37.3395	80.8423	STC-2	0.3 -	1.5	4.5	5.74 +	0.33	17.30	864.	55.	6.
1644	0000	-815	37.3392	80.8423	STC-2	0.3 -	1.7	4.5	6.59 +	0.38 +	17.48 +	872.	55.	6.
1645	0000	-811	37.3388	80.8423	STC-2	0.3	1.5	4.4	5.19 +	0.35	14.72	878.	56.	7.
1646	0000	-812	37.3385	80.8423	STC-2	0.2 -	1.8	4.6	7.37 +	0.39 +	18.90 +	886.	56.	7.
1647	0000	-814	37.3381	80.8423	STC-2	0.2 -	1.9	4.6	8.33 ++	0.42 +	19.85 +	892.	54.	6.
1648	0000	-810	37.3377	80.8424	STC-2	0.2 -	1.9	4.6	7.85 ++	0.41 +	19.14 +	900.	54.	6.
1649	0000	-810	37.3374	80.8424	STC-2	0.3	2.0	4.7	6.60 +	0.42 +	15.65	922.	56.	6.
1650	0000	-811	37.3370	80.8424	STC-2	0.3 -	2.0	4.8	7.38 +	0.41 +	18.11 +	937.	57.	6.
1651	0000	-806	37.3366	80.8424	STC-2	0.3	1.8	5.1	5.94 +	0.36 +	16.56	968.	54.	5.
1652	0000	-808	37.3363	80.8424	STC-2	0.3	2.0	5.2	6.52 +	0.38 +	17.16	992.	55.	4.
1653	0000	-810	37.3359	80.8425	STC-2	0.4	1.8	5.5	4.63	0.33	14.00	1016.	54.	4.
1654	0000	-809	37.3355	80.8425	STC-2	0.4	1.8	5.7	4.36	0.32	13.59	1025.	55.	3.
1655	0000	-809	37.3352	80.8425	STC-2	0.4	1.8	5.7	4.16	0.32	12.97	1032.	55.	2.
1656	0000	-809	37.3348	80.8425	STC-2	0.4	1.7	5.6	4.51	0.31	14.53	1024.	53.	2.
1657	0000	-806	37.3344	80.8426	STC-2	0.4	1.7	5.6	4.15	0.30	13.91	1015.	53.	1.
1658	0000	-806	37.3341	80.8426	STC-2	0.4	1.8	5.7	4.50	0.32	14.25	994.	54.	0.
1659	0000	-805	37.3337	80.8426	STC-2	0.4	1.8	5.7	4.67	0.32	14.79	981.	53.	0.
1660	0000	-807	37.3334	80.8426	STC-2	0.3	1.9	5.3	5.39 +	0.35	15.30	955.	54.	0.
1661	0000	-809	37.3330	80.8426	STC-2	0.3	1.9	5.0	5.96 +	0.39 +	15.44	937.	54.	0.
1662	0000	-805	37.3326	80.8426	STC-2	0.3	2.0	4.9	6.60 +	0.40 +	16.61	912.	54.	0.
1663	0000	-803	37.3322	80.8426	STC-2	0.3	1.8	4.8	6.60 +	0.38 +	17.31	871.	55.	0.
1664	0000	-805	37.3318	80.8426	STC-2	0.3	1.7	5.0	6.14 +	0.34	17.84 +	851.	52.	0.
1665	0000	-806	37.3315	80.8426	STC-2	0.2 -	1.6	4.6	7.22 +	0.35	20.71 +	820.	53.	1.
1666	0000	-804	37.3312	80.8426	STC-2	0.2 -	1.4	4.2 -	6.04 +	0.34	17.94 +	794.	53.	1.
1667	0000	-804	37.3308	80.8427	STC-1	0.2	1.4	3.8 +	6.88	0.36	19.07 +	754.	53.	3.
1668	0000	-804	37.3304	80.8427	STC-1	0.2	1.3	3.5	7.24 +	0.37	19.32 +	737.	54.	3.
1669	0000	-804	37.3301	80.8427	STC-1	0.2	1.0	3.5	5.51	0.29	18.81 +	723.	55.	4.
1670	0000	-803	37.3297	80.8427	STC-1	0.2	1.0	3.5	4.42	0.29	15.47	748.	54.	5.
1671	0000	-803	37.3293	80.8428	STC-1	0.2	1.1	3.0	4.46	0.36	12.35	764.	55.	6.
1672	0000	-803	37.3290	80.8428	STC-1	0.3	1.2	3.1	4.73	0.38	12.40	783.	56.	7.
1673	0000	-800	37.3286	80.8428	STC-1	0.3	1.2	3.6 +	4.36	0.34	12.81	822.	58.	6.
1674	0000	-798	37.3282	80.8428	STC-2	0.4	1.1	4.2 -	3.08	0.27	11.62	890.	57.	6.
1675	0000	-799	37.3279	80.8428	STC-2	0.5	1.0	4.4	2.23	0.23	9.82	947.	57.	6.
1676	0000	-796	37.3275	80.8428	STC-2	0.5	1.3	4.6	2.52	0.28	9.04	1026.	55.	5.
1677	0000	-793	37.3271	80.8428	STC-2	0.6	1.4	4.9	2.40	0.29	8.23	1106.	55.	5.
1678	0000	-794	37.3267	80.8428	OMUU	0.7	1.4	5.8	2.07	0.24	8.60	1215.	54.	4.
1679	0000	-797	37.3264	80.8428	OMUU	0.8	1.5	6.1	1.90	0.24	7.77	1304.	49.	3.
1680	0000	-795	37.3260	80.8430	OMUU	0.9	1.8	6.3	2.08	0.29	7.26	1392.	46.	3.
1681	0000	-792	37.3257	80.8430	OMUU	0.9	2.0 +	6.1	2.12	0.33	6.43	1464.	47.	4.
1682	0000	-791	37.3253	80.8430	OMUU	1.0	2.0 +	5.9	1.97	0.34	5.87	1512.	47.	4.
1683	0000	-789	37.3250	80.8430	OMUU	1.1	1.9	5.8	1.74	0.33	5.24 -	1545.	47.	5.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-789	37.3246	80.8430	OMUU	1.1	2.0 +	5.6	1.79	0.36	5.02 -	1554.	45.	5.
1685	0000	-793	37.3242	80.8430	OMUU	1.1	2.1 +	4.8	2.01	0.44 +	4.55 -	1520.	46.	5.
1686	0000	-793	37.3239	80.8430	OMUU	1.1	2.1 +	4.5	1.95	0.46 +	4.26 -	1495.	48.	6.
1687	0000	-791	37.3235	80.8430	CHK-1	1.0	1.7	4.4	1.71	0.39	4.32	1431.	50.	7.
1688	0000	-790	37.3231	80.8430	CHK-1	1.0	1.6	4.5	1.61	0.35	4.65	1382.	51.	7.
1689	0000	-789	37.3228	80.8430	CHK-1	0.9	1.7	4.7	1.95	0.37	5.31	1348.	52.	7.
1690	0000	-791	37.3224	80.8431	CHK-1	0.8	1.6	4.9	1.98	0.33	6.04	1292.	53.	7.
1691	0000	-791	37.3220	80.8431	CHK-1	0.8	1.5 -	5.1	1.92	0.29 -	6.60	1229.	55.	8.
1692	0000	-791	37.3216	80.8431	CHK-1	0.8	1.2 -	5.3	1.62	0.24 -	6.88	1173.	56.	8.
1693	0000	-790	37.3213	80.8431	CHK-1	0.7	1.1 -	5.3	1.57	0.21 -	7.48	1107.	57.	8.
1694	0000	-791	37.3209	80.8432	CN	0.6	1.2 -	5.1	2.00	0.24 -	8.17	1062.	55.	7.
1695	0000	-789	37.3205	80.8432	CN	0.6	1.4 -	4.9	2.49	0.29 -	8.69	1009.	52.	6.
1696	0000	-785	37.3202	80.8432	CN	0.5	1.3 -	4.8	2.67	0.28 -	9.66 +	949.	48.	5.
1697	0000	-788	37.3199	80.8432	CN	0.4 -	1.5 -	4.4	3.61	0.34	10.47 +	921.	49.	4.
1698	0000	-790	37.3195	80.8432	CN	0.3 -	1.7	4.2	5.17 +	0.42	12.39 +	910.	48.	3.
1699	0000	-788	37.3191	80.8432	CN	0.3 -	1.9	4.1	7.17 +	0.47	15.22 +	914.	48.	3.
1700	0000	-786	37.3188	80.8432	CN	0.2 -	2.1	4.1	8.81 +	0.51 +	17.26 +	936.	46.	2.
1701	0000	-783	37.3184	80.8432	CN	0.2 -	2.2	4.2	10.21 ++	0.53 +	19.16 ++	956.	47.	2.
1702	0000	-779	37.3180	80.8432	CN	0.2 --	2.3	4.5	11.81 ++	0.50 +	23.44 ++	976.	49.	2.
1703	0000	-781	37.3177	80.8432	CCR-1	0.2 --	2.3	4.6	10.77 ++	0.51 +	21.17 ++	1010.	51.	2.
1704	0000	-778	37.3173	80.8434	CCR-1	0.3 -	2.0	5.2	7.37 ++	0.39	18.80 ++	1048.	51.	3.
1705	0000	-776	37.3169	80.8434	CCR-1	0.3 -	1.7	5.6	5.64 +	0.31	17.93 ++	1058.	50.	3.
1706	0000	-778	37.3165	80.8434	CCR-1	0.3 -	1.8	5.8	5.30 +	0.30	17.48 ++	1071.	49.	4.
1707	0000	-778	37.3162	80.8434	CCR-1	0.4 -	1.7	5.9	4.39 +	0.28	15.59 +	1093.	50.	5.
1708	0000	-778	37.3158	80.8434	CCR-1	0.5	1.6	5.9	3.32	0.27	12.21 +	1107.	50.	5.
1709	0000	-779	37.3154	80.8434	CCR-1	0.6	1.5	6.0	2.45	0.24 -	10.15	1149.	48.	5.
1710	0000	-778	37.3151	80.8434	CCR-1	0.7	1.4	6.3 +	2.11	0.23 -	9.22	1196.	46.	4.
1711	0000	-779	37.3147	80.8434	CCR-1	0.8	1.7	5.9	2.21	0.28	7.84	1220.	46.	4.
1712	0000	-780	37.3143	80.8434	CCR-1	0.9	1.7	6.1	2.04	0.29	7.11	1264.	47.	3.
1713	0000	-778	37.3140	80.8435	CCR-1	0.9	1.5	6.1	1.63	0.25 -	6.46	1288.	47.	4.
1714	0000	-781	37.3137	80.8435	CCR-1	1.0	1.5	6.2	1.58	0.25 -	6.43	1277.	49.	4.
1715	0000	-778	37.3133	80.8435	CCR-1	1.0	1.4	6.1	1.48	0.24 -	6.30	1287.	50.	5.
1716	0000	-773	37.3129	80.8435	CCR-1	0.9	1.5	5.9	1.72	0.26 -	6.52	1276.	50.	4.
1717	0000	-776	37.3125	80.8435	CCR-1	0.8	1.6	5.9	1.88	0.27 -	6.98	1261.	52.	4.
1718	0000	-776	37.3122	80.8436	CCR-1	0.8	1.7	6.4 +	2.07	0.26 -	8.07	1269.	50.	4.
1719	0000	-774	37.3119	80.8436	CCR-1	0.7	2.0	6.2	2.72	0.32	8.59	1252.	52.	3.
1720	0000	-777	37.3115	80.8436	CCR-1	0.7	2.1	6.3	3.11	0.33	9.29	1248.	49.	2.
1721	0000	-776	37.3112	80.8436	CCR-1	0.6	2.1	6.6 +	3.21	0.31	10.19	1256.	50.	1.
1722	0000	-772	37.3109	80.8437	CCR-1	0.6	2.3	6.7 +	3.94	0.35	11.34 +	1262.	49.	0.
1723	0000	-772	37.3105	80.8437	CCR-1	0.6	2.2	7.1 +	3.84	0.31	12.37 +	1246.	48.	1.
1724	0000	-773	37.3102	80.8437	CCR-1	0.6	2.2	6.9 +	3.92	0.32	12.35 +	1232.	47.	1.
1725	0000	-772	37.3098	80.8438	CCR-1	0.5	2.1	6.7 +	4.39 +	0.32	13.82 +	1206.	48.	1.
1726	0000	-772	37.3095	80.8438	CCR-1	0.5	1.9	6.9 +	3.76	0.27	13.75 +	1209.	47.	2.
1727	0000	-775	37.3091	80.8438	CCR-1	0.5	1.9	6.6 +	3.85	0.29	13.41 +	1214.	49.	3.
1728	0000	-777	37.3088	80.8438	CCR-1	0.5	1.8	6.5 +	3.65	0.28	12.82 +	1222.	46.	5.
1729	0000	-774	37.3084	80.8439	CCR-1	0.5	1.7	6.5 +	3.24	0.26 -	12.58 +	1223.	48.	6.
1730	0000	-771	37.3081	80.8439	CCR-1	0.5	1.7	6.0	3.18	0.28	11.46 +	1223.	49.	7.
1731	0000	-770	37.3077	80.8439	CCR-1	0.5	1.5	5.7	2.78	0.26 -	10.86 +	1210.	50.	8.
1732	0000	-769	37.3074	80.8440	CCR-1	0.6	1.2 -	5.5	2.06	0.22 -	9.47	1203.	49.	9.
1733	0000	-770	37.3071	80.8440	CCR-1	0.6	1.2 -	5.6	2.08	0.21 -	9.71	1182.	52.	9.
1734	0000	-771	37.3067	80.8441	CCR-1	0.6	1.1 -	5.6	2.01	0.20 -	9.98	1161.	54.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-768	37.3064	80.8441	CCR-1	0.6	1.2 -	5.4	2.09	0.22 -	9.33	1150.	57.	8.
1736	0000	-767	37.3060	80.8441	CCR-1	0.6	1.3	5.7	2.01	0.22 -	9.16	1157.	55.	7.
1737	0000	-770	37.3057	80.8441	CCR-1	0.7	1.2 -	5.5	1.63	0.22 -	7.39	1178.	54.	7.
1738	0000	-771	37.3053	80.8441	CCR-1	0.8	1.3	5.5	1.57	0.24 -	6.59	1216.	54.	7.
1739	0000	-769	37.3051	80.8442	CCR-1	1.0	1.5	5.7	1.54	0.26 -	5.85	1287.	55.	6.
1740	0000	-769	37.3047	80.8442	CCR-1	1.2	1.5	5.8	1.24 -	0.25 -	4.95	1381.	51.	6.
1741	0000	-769	37.3044	80.8443	CCR-1	1.3 +	1.7	5.9	1.29 -	0.29	4.44	1467.	49.	5.
1742	0000	-769	37.3040	80.8443	CCR-1	1.5 +	1.7	5.8	1.12 -	0.29	3.93 -	1545.	48.	4.
1743	0000	-767	37.3037	80.8444	CCR-1	1.6 +	1.8	5.6	1.15 -	0.33	3.49 -	1601.	47.	4.
1744	0000	-766	37.3033	80.8444	CCR-1	1.6 +	1.9	5.7	1.19 -	0.34	3.53 -	1647.	48.	3.
1745	0000	-769	37.3030	80.8444	CCR-1	1.6 +	2.0	6.0	1.24 -	0.33	3.78 -	1675.	45.	2.
1746	0000	-769	37.3026	80.8444	CCR-1	1.5 +	2.2	6.0	1.52	0.38	4.04 -	1654.	47.	1.
1747	0000	-764	37.3023	80.8444	CCR-1	1.4 +	2.3	6.1	1.64	0.37	4.41	1631.	47.	1.
1748	0000	-763	37.3019	80.8445	CCR-1	1.3 +	2.2	5.8	1.68	0.38	4.38	1612.	49.	1.
1749	0000	-763	37.3016	80.8445	CCR-1	1.2	2.3	5.7	1.91	0.41	4.70	1586.	49.	2.
1750	0000	-764	37.3013	80.8446	CCR-1	1.1	2.2	5.8	1.96	0.37	5.23	1547.	50.	3.
1751	0000	-764	37.3009	80.8446	CCR-1	1.0	2.2	5.8	2.14	0.37	5.82	1499.	49.	4.
1752	0000	-763	37.3006	80.8446	CCR-1	1.0	2.1	5.6	2.21	0.38	5.83	1443.	52.	5.
1753	0000	-762	37.3002	80.8447	CCR-1	1.0	1.9	5.2	1.92	0.36	5.34	1394.	49.	6.
1754	0000	-764	37.2999	80.8447	CCR-1	0.9	1.8	4.8	2.00	0.38	5.27	1331.	49.	6.
1755	0000	-762	37.2995	80.8447	CCR-1	0.9	1.6	5.0	1.79	0.32	5.65	1280.	48.	6.
1756	0000	-762	37.2992	80.8447	CCR-1	0.9	1.6	4.9	1.86	0.32	5.81	1248.	48.	6.
1757	0000	-763	37.2988	80.8448	CCR-1	0.9	1.4	4.9	1.61	0.29	5.59	1233.	47.	5.
1758	0000	-759	37.2985	80.8448	OKU	0.9	1.6	4.7	1.71	0.34	4.96 -	1247.	49.	5.
1759	0000	-759	37.2982	80.8448	OKU	1.0	1.6	4.6	1.58	0.34	4.61 -	1265.	48.	5.
1760	0000	-762	37.2979	80.8449	OKU	1.0	1.5	4.6	1.46	0.32	4.51 -	1271.	50.	5.
1761	0000	-761	37.2975	80.8449	OKU	1.0	1.4	4.8	1.40	0.29	4.80 -	1253.	50.	5.
1762	0000	-762	37.2972	80.8449	OKU	0.9	1.3	4.8	1.43	0.28	5.16	1218.	51.	6.
1763	0000	-763	37.2968	80.8449	OKU	0.9	1.2	4.9	1.32 -	0.24	5.53	1159.	52.	5.
1764	0000	-760	37.2965	80.8450	OKU	0.8	1.2	4.6	1.57	0.26	6.02	1091.	54.	5.
1765	0000	-758	37.2962	80.8450	OKU	0.7	1.2	4.6	1.75	0.25	7.03	1016.	52.	4.
1766	0000	-761	37.2958	80.8450	OKU	0.5	1.2	4.4	2.14	0.27	8.05	941.	54.	3.
1767	0000	-763	37.2955	80.8451	OKU	0.4	1.2	4.4	2.69	0.27	10.07	877.	55.	2.
1768	0000	-761	37.2951	80.8451	OKU	0.4	1.3	4.2	3.24	0.31	10.49	851.	55.	1.
1769	0000	-762	37.2948	80.8452	OKU	0.4	1.3	4.0	3.41	0.34	10.19	834.	55.	0.
1770	0000	-761	37.2944	80.8452	OKU	0.4	1.3	3.9	3.40	0.33	10.17	845.	53.	0.
1771	0000	-758	37.2941	80.8452	OKU	0.4	1.4	4.2	3.30	0.33	10.10	879.	52.	0.
1772	0000	-760	37.2937	80.8452	OKU	0.4	1.2	4.6	2.79	0.27	10.34	918.	55.	0.
1773	0000	-760	37.2934	80.8452	OKU	0.5	1.3	5.0	2.50	0.25	10.00	975.	53.	1.
1774	0000	-756	37.2930	80.8453	OKU	0.6	1.3	5.6	2.27	0.22	10.11	1054.	50.	1.
1775	0000	-756	37.2927	80.8453	OKU	0.6	1.3	5.7	2.08	0.23	9.13	1113.	49.	1.
1776	0000	-756	37.2924	80.8454	OKU	0.7	1.3	6.0	1.96	0.22 -	9.07	1168.	49.	2.
1777	0000	-755	37.2920	80.8454	OKU	0.7	1.3	6.3	1.75	0.21 -	8.45	1219.	48.	2.
1778	0000	-757	37.2917	80.8455	OKU	0.8	1.3	6.6 +	1.64	0.19 -	8.58	1243.	50.	2.
1779	0000	-759	37.2913	80.8455	OKU	0.8	1.2	6.6 +	1.54	0.18 -	8.48	1253.	47.	2.
1780	0000	-759	37.2910	80.8455	OKU	0.8	1.2	6.6 +	1.61	0.19 -	8.53	1245.	47.	2.
1781	0000	-756	37.2906	80.8455	OKU	0.8	1.1	6.3	1.44 -	0.18 -	8.06	1223.	51.	3.
1782	0000	-754	37.2904	80.8455	OKU	0.7	1.0 -	6.5 +	1.32 -	0.15 --	8.73	1208.	53.	4.
1783	0000	-754	37.2900	80.8456	OMUU	0.7	1.1	6.4	1.56	0.17 -	8.94	1190.	51.	5.
1784	0000	-757	37.2897	80.8456	OMUU	0.7	1.1	6.2	1.68	0.18 -	9.22	1162.	53.	6.
1785	0000	-759	37.2893	80.8457	OMUU	0.7	1.1	5.5	1.75	0.21	8.47	1141.	51.	7.

STAT ANALYSIS BLUEFIELD NJ17-8. APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-758	37.2890	80.8457		OMUU	0.6	1.2	5.2	1.82	0.22	8.18	1113.	54.	8.
1787	0000	-755	37.2886	80.8457		OMUU	0.6	1.0 -	5.1	1.55	0.19	8.03	1087.	57.	10.
1788	0000	-753	37.2883	80.8457		OMUU	0.6	1.1	4.6	1.78	0.23	7.66	1056.	54.	9.
1789	0000	-756	37.2879	80.8457		OMUU	0.6	1.2	4.2	2.02	0.29	7.02	1014.	54.	9.
1790	0000	-758	37.2876	80.8458		OMUU	0.6	1.0 -	4.3	1.66	0.23	7.37	971.	55.	9.
1791	0000	-757	37.2872	80.8459		OMUU	0.5	0.9 -	4.1	1.81	0.23	7.91	929.	57.	8.
1792	0000	-757	37.2869	80.8459		OMUU	0.5	0.9 -	4.1	1.85	0.21	8.80	885.	58.	8.
1793	0000	-755	37.2866	80.8459		OMUU	0.4	1.0 -	4.1	2.22	0.24	9.41	869.	57.	7.
1794	0000	-752	37.2862	80.8459		OMUU	0.4	1.0	4.4	2.68	0.23	11.41	858.	53.	5.
1795	0000	-752	37.2859	80.8460		OMUU	0.4	0.9 -	4.5	2.50	0.20	12.29 +	834.	56.	5.
1796	0000	-754	37.2855	80.8460		OMUU	0.3 -	0.7 -	4.6	2.15	0.15 -	14.01 +	818.	57.	4.
1797	0000	-756	37.2852	80.8461		OMUU	0.3 -	1.0	4.2	3.18	0.24	13.13 +	808.	57.	4.
1798	0000	-756	37.2849	80.8461		OMUU	0.3 -	0.9 -	4.1	2.82	0.22	12.72 +	798.	54.	5.
1799	0000	-753	37.2845	80.8461		OMUU	0.3	0.9 -	4.1	2.54	0.21	11.81	793.	54.	5.
1800	0000	-754	37.2842	80.8461		OMUU	0.3 -	0.8 -	3.8	2.40	0.21	11.63	764.	54.	5.
1801	0000	-755	37.2838	80.8461		OMUU	0.4	0.6 -	3.3 -	1.83	0.20	9.35	743.	56.	6.
1802	0000	-752	37.2835	80.8462		OMUU	0.3 -	0.9 -	3.3 -	2.92	0.26	11.11	738.	56.	6.
1803	0000	-750	37.2832	80.8462		OMUU	0.3 -	1.0 -	3.4 -	3.31	0.29	11.37	747.	57.	5.
1804	0000	-751	37.2828	80.8463		OMUU	0.3 -	0.9 -	3.6 -	2.69	0.25	10.74	760.	58.	5.
1805	0000	-749	37.2825	80.8463		OMUU	0.4	1.1	3.6 -	2.88	0.31	9.24	792.	61.	3.
1806	0000	-749	37.2821	80.8463		OMUU	0.4	1.2	4.0	2.91	0.30	9.80	831.	62.	2.
1807	0000	-751	37.2818	80.8464		OMUU	0.4	1.3	4.3	2.94	0.31	9.52	871.	63.	2.
1808	0000	-751	37.2815	80.8464		OMUU	0.5	1.5	4.7	3.35	0.32	10.33	917.	61.	1.
1809	0000	-751	37.2811	80.8464		OMUU	0.5	1.5	4.6	2.73	0.32	8.44	958.	62.	0.
1810	0000	-751	37.2808	80.8464		OMUU	0.6	1.5	4.7	2.49	0.31	7.93	993.	62.	0.
1811	0000	-750	37.2804	80.8465		OMUU	0.6	1.5	4.8	2.38	0.31	7.79	1013.	61.	0.
1812	0000	-752	37.2801	80.8465		OMUU	0.6	1.5	4.7	2.48	0.32	7.74	1013.	64.	0.
1813	0000	-751	37.2797	80.8465		OMUU	0.6	1.6	4.7	2.70	0.34	7.95	1005.	64.	0.
1814	0000	-749	37.2794	80.8466		SU	0.6 +	1.5	4.6	2.47	0.33	7.58 -	1000.	65.	0.
1815	0000	-752	37.2791	80.8466		SU	0.6 +	1.3	4.2	2.22	0.32	6.92 -	964.	69.	0.
1816	0000	-751	37.2787	80.8466		SU	0.6 +	1.2	4.6	2.10	0.27	7.91 -	937.	67.	1.
1817	0000	-749	37.2784	80.8466		SU	0.5	1.1	4.4	2.02 -	0.25	8.15 -	891.	67.	1.
1818	0000	-750	37.2780	80.8467		SU	0.5	0.9	4.3	1.75 -	0.21	8.20 -	844.	69.	2.
1819	0000	-749	37.2777	80.8467		SU	0.5	0.8	4.3	1.70 -	0.19 -	9.17	798.	69.	2.
1820	0000	-750	37.2773	80.8467		SU	0.4	0.6 -	3.7	1.29 -	0.16 -	8.17 -	747.	70.	2.
1821	0000	-750	37.2770	80.8468		SU	0.4	0.6 -	3.6	1.56 -	0.17 -	9.37	701.	69.	2.
1822	0000	-748	37.2766	80.8468		SU	0.3	0.6 -	3.5	1.88 -	0.18 -	10.29	666.	67.	2.
1823	0000	-749	37.2763	80.8468		SU	0.3	0.7 -	3.1	2.49	0.23	10.89	627.	70.	2.
1824	0000	-751	37.2760	80.8468		DLMU-1	0.2	0.9	2.8	3.87	0.33	11.65	601.	70.	1.
1825	0000	-748	37.2757	80.8469		DLMU-1	0.2 -	1.1	2.6 -	6.70 +	0.43	15.53	584.	71.	0.
1826	0000	-747	37.2753	80.8469		DLMU-1	0.2 -	1.2	2.4 -	7.45 +	0.49	15.09	569.	70.	1.
1827	0000	-748	37.2750	80.8469		DLMU-1	0.1 -	1.2	2.4 -	8.85 +	0.49	18.01 +	549.	70.	1.
1828	0000	-747	37.2746	80.8470		DLMU-1	0.1 -	1.2	2.2 -	8.99 +	0.54 +	16.66 +	526.	72.	1.
1829	0000	-747	37.2743	80.8470		DLMU-1	0.1 -	1.1	2.2 -	8.70 +	0.48	18.11 +	523.	72.	2.
1830	0000	-747	37.2739	80.8470		DLMU-1	0.1 -	1.1	2.1 -	9.60 +	0.51	18.67 +	520.	71.	3.
1831	0000	-748	37.2736	80.8470		DLMU-1	0.1 -	1.0	2.0 -	8.54 +	0.51	16.79 +	531.	69.	4.
1832	0000	-749	37.2732	80.8472		DLMU-1	0.1 -	0.8 -	2.1 -	5.93	0.37	15.99 +	538.	67.	5.
1833	0000	-747	37.2729	80.8472		DLMU-1	0.1 -	0.7 -	2.4 -	5.27	0.30	17.80 +	558.	65.	5.
1834	0000	-746	37.2726	80.8472		DLMU-1	0.1 -	0.7 -	2.5 -	5.06	0.27	18.96 +	587.	64.	7.
1835	0000	-747	37.2722	80.8472		SU	0.1 -	0.7 -	2.7 -	5.67	0.28	20.56 +	614.	62.	7.
1836	0000	-748	37.2719	80.8472		SU	0.1 -	0.8	2.5 -	6.29 +	0.34	18.37 +	629.	63.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-747	37.2715	80.8473		SU	0.1 -	0.8	2.6 -	5.34	0.30	17.77	648.	60.	8.
1838	0000	-745	37.2712	80.8473		SU	0.1 -	0.7 -	2.8 -	5.46	0.27	20.36 +	645.	61.	8.
1839	0000	-743	37.2708	80.8474		SU	0.1 --	1.2	2.7 -	10.31 +	0.43 +	23.97 +	655.	61.	7.
1840	0000	-743	37.2705	80.8474		SU	0.1 -	1.1	2.5 -	9.30 +	0.46 +	20.35 +	647.	64.	7.
1841	0000	-744	37.2702	80.8474		SU	0.1 -	1.3	2.5 -	9.85 +	0.51 +	19.17 +	644.	65.	6.
1842	0000	-742	37.2698	80.8474		SU	0.1 -	1.2	2.5 -	8.43 +	0.49 +	17.35	655.	64.	5.
1843	0000	-740	37.2695	80.8474		SU	0.2 -	1.1	3.1	7.05 +	0.37	19.11 +	671.	63.	4.
1844	0000	-744	37.2691	80.8475		SU	0.2 -	1.1	3.0	7.02 +	0.37	18.75 +	667.	66.	3.
1845	0000	-744	37.2688	80.8475		SU	0.2	1.2	3.1	5.34	0.37	14.47	684.	67.	2.
1846	0000	-739	37.2685	80.8476		SU	0.2	1.0	3.3	3.94	0.30	13.18	692.	65.	2.
1847	0000	-738	37.2681	80.8476		SU	0.3	1.1	3.5	4.04	0.30	13.40	721.	62.	1.
1848	0000	-741	37.2678	80.8476		SU	0.3	1.0	3.8	3.79	0.27	14.22	728.	63.	1.
1849	0000	-739	37.2674	80.8477		SU	0.3	1.0	3.9	3.50	0.27	13.05	747.	64.	1.
1850	0000	-737	37.2671	80.8477		SU	0.3	1.1	3.6	3.57	0.32	11.18	754.	65.	1.
1851	0000	-736	37.2668	80.8478		SU	0.3	1.2	4.2	3.70	0.28	13.38	785.	63.	1.
1852	0000	-735	37.2664	80.8478		SU	0.3	1.3	4.4	4.91	0.31	16.06	807.	63.	1.
1853	0000	-735	37.2661	80.8478		SU	0.3	1.5	4.6	5.83	0.33	17.66	836.	67.	1.
1854	0000	-736	37.2657	80.8478		SU	0.2	1.6	4.8	6.70 +	0.34	19.96 +	860.	67.	1.
1855	0000	-736	37.2654	80.8478		SU	0.3	1.8	4.6	6.02	0.39	15.60	894.	67.	1.
1856	0000	-738	37.2650	80.8479		SU	0.3	1.7	5.0	6.13 +	0.34	17.92 +	902.	70.	0.
1857	0000	-738	37.2647	80.8479		SU	0.3	1.7	5.3	6.85 +	0.33	20.62 +	919.	69.	0.
1858	0000	-738	37.2644	80.8480		SU	0.3	1.9 +	4.8	6.68 +	0.39	17.18	941.	69.	0.
1859	0000	-739	37.2640	80.8480		SU	0.3	1.9 +	5.1	6.61 +	0.37	17.96 +	974.	66.	0.
1860	0000	-740	37.2637	80.8481		SU	0.3	1.7	5.5	5.48	0.31	17.46	988.	64.	0.
1861	0000	-738	37.2633	80.8481		SU	0.4	1.6	5.8 +	4.44	0.28	15.65	1007.	66.	0.
1862	0000	-738	37.2630	80.8481		SU	0.3	1.7	6.1 +	5.05	0.28	18.34 +	1016.	63.	0.
1863	0000	-735	37.2626	80.8481		SU	0.3	1.7	6.1 +	5.33	0.28	18.87 +	1014.	60.	0.
1864	0000	-735	37.2623	80.8481		SU	0.3	1.8	6.0 +	5.39	0.29	18.28 +	1007.	62.	1.
1865	0000	-736	37.2619	80.8482		SU	0.4	1.5	6.1 +	4.16	0.25	16.91	986.	63.	2.
1866	0000	-734	37.2616	80.8482		SU	0.4	1.3	5.9 +	3.55	0.23	15.71	955.	63.	3.
1867	0000	-734	37.2613	80.8483		SU	0.4	1.5	5.4	4.04	0.27	14.78	939.	65.	4.
1868	0000	-737	37.2610	80.8483		SU	0.3	1.5	5.1	4.68	0.31	15.30	922.	65.	4.
1869	0000	-739	37.2606	80.8483		SU	0.4	1.5	5.4	4.20	0.28	15.20	938.	65.	4.
1870	0000	-736	37.2603	80.8483		SU	0.4	1.5	5.3	3.85	0.29	13.25	967.	67.	4.
1871	0000	-733	37.2599	80.8483		SU	0.4	1.4	5.8 +	3.36	0.24	13.76	983.	65.	3.
1872	0000	-735	37.2596	80.8484		SU	0.4	1.5	5.9 +	3.63	0.25	14.80	989.	63.	2.
1873	0000	-737	37.2592	80.8484		SU	0.4	1.5	5.6	3.67	0.27	13.82	973.	66.	3.
1874	0000	-734	37.2589	80.8485		SU	0.4	1.3	5.4	3.17	0.24	13.32	930.	65.	3.
1875	0000	-734	37.2585	80.8485		SU	0.4	1.1	5.3	2.87	0.22	13.28	885.	63.	3.
1876	0000	-732	37.2582	80.8485		SU	0.4	0.9	4.7	2.46	0.19	12.68	822.	65.	3.
1877	0000	-731	37.2579	80.8485		SU	0.3	0.8	4.4	2.47	0.18 -	13.46	768.	64.	3.
1878	0000	-734	37.2575	80.8485		SU	0.3	0.9	4.1	2.69	0.22	12.22	750.	65.	3.
1879	0000	-734	37.2572	80.8486		SU	0.3	1.3	3.8	4.63	0.34	13.80	747.	66.	3.
1880	0000	-730	37.2568	80.8486		SU	0.3	1.3	3.6	4.92	0.38	13.09	759.	64.	3.
1881	0000	-730	37.2565	80.8487		SU	0.3	1.1	3.9	3.35	0.29	11.73	793.	64.	4.
1882	0000	-732	37.2561	80.8487		SU	0.4	1.1	3.8	2.90	0.28	10.37	829.	63.	5.
1883	0000	-732	37.2558	80.8487		OMUU	0.4	1.4	3.9	3.61	0.37	9.90	869.	60.	6.
1884	0000	-732	37.2555	80.8487		OMUU	0.4	1.5	3.9	3.51	0.38 +	9.13	889.	61.	6.
1885	0000	-733	37.2551	80.8487		OMUU	0.4	1.5	4.2	3.39	0.36	9.30	920.	58.	6.
1886	0000	-729	37.2548	80.8488		OMUU	0.6	1.3	4.2	2.31	0.30	7.40	943.	60.	7.
1887	0000	-728	37.2544	80.8488		OMUU	0.7	1.3	4.9	1.92	0.26	7.41	995.	60.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-732	37.2541	80.8488	OMUU	0.7	1.5	5.4	2.18	0.27	8.05	1047.	58.	6.
1889	0000	-731	37.2537	80.8488	OMUU	0.7	1.5	5.6	2.26	0.27	8.30	1091.	60.	5.
1890	0000	-730	37.2533	80.8488	OMUU	0.7	1.3	5.9	1.82	0.23	8.03	1121.	61.	5.
1891	0000	-730	37.2530	80.8487	OMUU	0.8	1.4	6.4	1.81	0.22	8.11	1166.	60.	4.
1892	0000	-729	37.2526	80.8486	OMUU	0.8	1.4	6.1	1.75	0.23	7.50	1169.	62.	4.
1893	0000	-729	37.2522	80.8486	OMUU	0.8	1.5	6.1	1.94	0.25	7.86	1190.	61.	4.
1894	0000	-730	37.2518	80.8485	OMUU	0.8	1.4	6.0	1.78	0.23	7.75	1187.	61.	4.
1895	0000	-730	37.2514	80.8485	OMUU	0.8	1.6	5.4	1.96	0.29	6.80	1195.	64.	3.
1896	0000	-730	37.2511	80.8484	OMUU	0.8	1.6	5.7	1.99	0.29	6.95	1216.	63.	2.
1897	0000	-730	37.2507	80.8484	OMUU	0.9	1.6	5.7	1.88	0.28	6.60	1252.	61.	2.
1898	0000	-728	37.2503	80.8483	OMUU	0.9	1.5	5.9	1.75	0.26	6.72	1292.	61.	2.
1899	0000	-732	37.2499	80.8482	OMUU	1.0	1.5	6.0	1.58	0.25	6.24	1340.	63.	2.
1900	0000	-733	37.2495	80.8482	OMUU	1.0	1.6	6.3	1.59	0.25	6.31	1360.	62.	2.
1901	0000	-729	37.2491	80.8481	OMUU	1.0	1.6	6.2	1.57	0.25	6.24	1372.	64.	2.
1902	0000	-730	37.2488	80.8481	OMUU	1.0	1.5	6.4	1.44	0.23	6.26	1370.	63.	2.
1903	0000	-731	37.2484	80.8480	OMUU	1.0	1.5	5.9	1.43	0.25	5.72 -	1344.	64.	2.
1904	0000	-730	37.2480	80.8479	OMUU	1.0	1.4	5.6	1.39	0.24	5.70 -	1293.	68.	2.
1905	0000	-733	37.2476	80.8479	OMUU	1.0	1.3	5.3	1.33	0.25	5.41 -	1245.	68.	3.
1906	0000	-734	37.2472	80.8478	OMUU	0.9	1.3	4.9	1.47	0.26	5.66 -	1180.	70.	3.
1907	0000	-734	37.2469	80.8477	OMUU	0.8	1.2	4.5	1.52	0.27	5.67 -	1126.	73.	4.
1908	0000	-732	37.2465	80.8477	OMUU	0.7	1.1	4.7	1.56	0.24	6.42	1081.	70.	5.
1909	0000	-730	37.2462	80.8477	SU	0.7 +	1.1	4.5	1.66 -	0.25	6.65 -	1045.	73.	6.
1910	0000	-730	37.2457	80.8475	SU	0.6 +	1.0	5.0	1.52 -	0.20	7.74 -	1027.	74.	6.
1911	0000	-730	37.2453	80.8475	SU	0.6 +	1.0	4.9	1.81 -	0.21	8.48	1009.	73.	5.
1912	0000	-729	37.2450	80.8474	SU	0.5	1.0	4.9	1.93 -	0.21	9.30	976.	75.	5.
1913	0000	-731	37.2446	80.8474	SU	0.5	1.0	5.3	2.05	0.18 -	11.24	953.	72.	4.
1914	0000	-730	37.2442	80.8473	SU	0.5	0.8 -	5.2	1.63 -	0.15 -	10.87	939.	69.	5.
1915	0000	-727	37.2439	80.8473	SU	0.5	0.9	4.9	1.85 -	0.18 -	10.41	907.	70.	3.
1916	0000	-727	37.2434	80.8472	SU	0.4	0.9	4.7	2.38	0.20	11.75	865.	69.	3.
1917	0000	-729	37.2431	80.8472	SU	0.3	1.1	4.1	3.26	0.26	12.42	815.	67.	3.
1918	0000	-728	37.2427	80.8470	SU	0.3	1.1	4.0	3.47	0.28	12.45	776.	65.	3.
1919	0000	-727	37.2423	80.8470	SU	0.3	1.2	3.6	4.04	0.33	12.21	743.	65.	3.
1920	0000	-728	37.2420	80.8469	SU	0.3	1.2	3.0	4.20	0.41	10.16	721.	63.	3.
1921	0000	-728	37.2415	80.8469	SU	0.2	1.3	3.0	5.57	0.44 +	12.68	694.	64.	2.
1922	0000	-728	37.2412	80.8469	SU	0.2	1.4	2.8 -	6.68 +	0.51 +	13.02	662.	62.	3.
1923	0000	-728	37.2408	80.8468	SU	0.2	1.4	2.7 -	6.05 +	0.51 +	11.92	657.	62.	2.
1924	0000	-728	37.2404	80.8467	SU	0.2	1.2	2.6 -	4.94	0.46 +	10.73	642.	63.	2.
1925	0000	-725	37.2401	80.8467	SU	0.2	1.3	2.3 -	5.81	0.55 +	10.52	640.	63.	2.
1926	0000	-723	37.2397	80.8466	SU	0.2	1.3	2.2 -	5.99	0.58 +	10.31	638.	60.	2.
1927	0000	-727	37.2393	80.8465	SU	0.2	1.2	2.2 -	5.17	0.56 +	9.22	635.	61.	3.
1928	0000	-726	37.2389	80.8465	SU	0.3	1.1	2.0 --	4.11	0.54 +	7.56 -	631.	61.	4.
1929	0000	-725	37.2385	80.8465	SU	0.2	1.1	2.1 --	4.30	0.52 +	8.34 -	634.	61.	4.
1930	0000	-725	37.2382	80.8464	SU	0.2	1.2	2.4 -	5.07	0.49 +	10.41	638.	59.	4.
1931	0000	-721	37.2378	80.8463	SU	0.2	1.2	2.3 -	5.15	0.51 +	10.10	634.	58.	5.
1932	0000	-722	37.2374	80.8462	SU	0.2	1.0	2.6 -	4.36	0.41	10.69	639.	58.	4.
1933	0000	-724	37.2370	80.8462	SU	0.2	1.0	2.7 -	4.49	0.38	11.81	630.	59.	4.
1934	0000	-721	37.2366	80.8462	SU	0.2	1.0	2.9 -	4.68	0.35	13.28	630.	58.	3.
1935	0000	-721	37.2363	80.8461	SU	0.2	1.1	2.8 -	4.93	0.38	12.86	619.	60.	2.
1936	0000	-722	37.2359	80.8460	SU	0.2	1.0	2.5 -	3.91	0.39	10.01	615.	61.	2.
1937	0000	-722	37.2355	80.8460	SU	0.3	0.9	2.4 -	3.57	0.37	9.52	610.	61.	2.
1938	0000	-722	37.2351	80.8459	SU	0.3	1.0	2.5 -	3.75	0.38	9.85	617.	60.	2.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-722	37.2347	80.8458	SU	0.2	1.1	2.4 -	4.58	0.47 +	9.64	618.	61.	2.
1940	0000	-723	37.2343	80.8457	SU	0.2	1.2	2.2 -	5.17	0.56 +	9.28	632.	59.	2.
1941	0000	-724	37.2340	80.8457	SU	0.2	1.3	2.1 -	5.47	0.61 +	8.94	636.	58.	3.
1942	0000	-722	37.2336	80.8456	SU	0.2	1.5	2.2 -	7.33 +	0.69 ++	10.56	653.	58.	3.
1943	0000	-718	37.2332	80.8456	SU	0.2 -	1.6	2.4 -	8.95 +	0.67 ++	13.35	659.	59.	4.
1944	0000	-718	37.2328	80.8455	SU	0.2 -	1.5	2.2 -	7.79 +	0.67 ++	11.70	665.	58.	5.
1945	0000	-721	37.2324	80.8455	SU	0.2 -	1.4	2.1 -	7.88 +	0.70 ++	11.32	660.	58.	5.
1946	0000	-720	37.2321	80.8454	SU	0.2 -	1.2	2.3 -	6.72 +	0.53 +	12.75	661.	59.	6.
1947	0000	-719	37.2317	80.8453	SU	0.2 -	1.0	2.4 -	5.53	0.43 +	12.82	663.	58.	7.
1948	0000	-719	37.2313	80.8453	SU	0.2 -	1.0	2.7 -	5.48	0.36	15.13	673.	59.	6.
1949	0000	-717	37.2309	80.8452	SU	0.2	0.9	2.6 -	4.26	0.34	12.41	678.	58.	7.
1950	0000	-718	37.2305	80.8452	SU	0.2	0.9	2.5 -	4.62	0.37	12.52	692.	57.	7.
1951	0000	-720	37.2302	80.8451	SU	0.2	1.0	2.6 -	4.72	0.37	12.80	694.	58.	7.
1952	0000	-720	37.2298	80.8450	SU	0.2 -	1.2	2.6 -	7.61 +	0.46 +	16.68	719.	57.	7.
1953	0000	-718	37.2294	80.8449	SU	0.2 -	1.3	2.6 -	6.79 +	0.51 +	13.25	737.	57.	6.
1954	0000	-718	37.2290	80.8450	SU	0.2 -	1.4	2.7 -	7.36 +	0.52 +	14.11	744.	56.	5.
1955	0000	-722	37.2286	80.8449	SU	0.2	1.3	2.8 -	6.14 +	0.47 +	12.99	746.	57.	5.
1956	0000	-721	37.2283	80.8448	SU	0.2	1.3	3.3	5.69	0.40	14.30	756.	57.	4.
1957	0000	-718	37.2279	80.8448	SU	0.3	1.2	3.4	4.16	0.35	11.94	763.	54.	3.
1958	0000	-717	37.2275	80.8447	SU	0.3	1.3	3.5	4.42	0.37	11.82	775.	54.	2.
1959	0000	-720	37.2272	80.8446	SU	0.4	1.3	3.5	3.47	0.37	9.44	772.	55.	1.
1960	0000	-721	37.2267	80.8445	SU	0.3	1.3	3.7	3.90	0.34	11.59	765.	53.	1.
1961	0000	-720	37.2264	80.8445	DLMU-1	0.3	1.2	3.6	3.83	0.34	11.27	758.	55.	1.
1962	0000	-719	37.2260	80.8444	DLMU-1	0.3	1.3	3.3	4.48	0.40	11.23	754.	55.	0.
1963	0000	-720	37.2256	80.8444	DLMU-1	0.3	1.3	3.3	4.32	0.38	11.23	749.	54.	0.
1964	0000	-723	37.2252	80.8443	DLMU-1	0.2	1.4	3.2	5.96	0.43	13.78	729.	55.	1.
1965	0000	-723	37.2249	80.8443	DLMU-1	0.2	1.2	3.3	5.24	0.38	13.94	709.	54.	2.
1966	0000	-721	37.2244	80.8442	DLMU-1	0.2	1.1	3.5	5.29	0.31	17.30 +	698.	54.	3.
1967	0000	-723	37.2241	80.8442	DLMU-1	0.2	1.1	3.5	5.46	0.32	17.27 +	695.	56.	3.
1968	0000	-721	37.2237	80.8441	DLMU-1	0.2	1.1	3.7	5.69	0.30	18.78 +	702.	55.	4.
1969	0000	-721	37.2234	80.8441	DLMU-1	0.2	1.0	3.8	4.34	0.27	15.96 +	713.	56.	5.
1970	0000	-72.	37.2230	80.8439	DLMU-1	0.2	1.1	3.7	4.99	0.31	16.28 +	729.	56.	6.
1971	0000	-723	37.2225	80.8439	DLMU-1	0.3	1.0	3.6	3.74	0.27	14.05	756.	54.	7.
1972	0000	-722	37.2222	80.8438	DLMU-1	0.3	1.1	3.6	4.32	0.31	14.02	775.	54.	6.
1973	0000	-725	37.2218	80.8437	DLMU-1	0.3	1.2	3.6	4.74	0.34	14.06	783.	56.	5.
1974	0000	-724	37.2215	80.8437	DLMU-1	0.3	1.2	3.6	4.13	0.34	12.33	796.	55.	5.
1975	0000	-724	37.2211	80.8437	DLMU-1	0.4	1.2	3.5	3.27	0.33	10.03	812.	54.	4.
1976	0000	-725	37.2207	80.8436	DLMU-1	0.3	1.3	3.3	3.97	0.40	9.88	821.	54.	4.
1977	0000	-724	37.2203	80.8436	DLMU-1	0.4	1.4	3.4	3.55	0.40	8.83	850.	52.	3.
1978	0000	-726	37.2199	80.8435	DLMU-1	0.5	1.4	3.9	3.05	0.36	8.53	883.	54.	2.
1979	0000	-727	37.2195	80.8434	DLMU-1	0.5	1.5	4.1	2.93	0.37	7.97	932.	55.	2.
1980	0000	-725	37.2192	80.8434	DLMU-1	0.6	1.6	4.3	2.72	0.37	7.44	997.	54.	2.
1981	0000	-726	37.2188	80.8434	DLMU-1	0.6	1.7	4.3	2.72	0.40	6.77	1050.	52.	2.
1982	0000	-726	37.2184	80.8432	DLMU-1	0.7	1.9	4.8	2.79	0.38	7.30	1098.	52.	1.
1983	0000	-726	37.2180	80.8432	DLMU-1	0.7	1.7	5.2	2.29	0.33	7.02	1131.	54.	1.
1984	0000	-729	37.2176	80.8431	DLMU-1	0.7	1.6	5.6 +	2.18	0.29	7.48	1137.	55.	0.
1985	0000	-728	37.2173	80.8431	DLMU-1	0.7	1.8	5.2	2.44	0.34	7.18	1135.	57.	0.
1986	0000	-729	37.2169	80.8430	DLMU-1	0.7	1.6	5.1	2.15	0.31	6.97	1115.	57.	1.
1987	0000	-732	37.2165	80.8430	DLMU-1	0.7	1.5	4.8	2.17	0.30	7.13	1083.	56.	2.
1988	0000	-730	37.2161	80.8429	DLMU-1	0.6	1.4	4.8	2.20	0.29	7.47	1063.	60.	2.
1989	0000	-729	37.2157	80.8428	DLMU-1	0.6	1.3	4.7	2.10	0.29	7.34	1062.	60.	2.

CP9 1P12

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-731	37.2154	80.8427	DLMU-1	0.6	1.5	4.8	2.38	0.31	7.56	1085.	58.	3.
1991	0000	-730	37.2150	80.8427	DLMU-1	0.7	1.5	4.7	2.18	0.32	6.84	1107.	58.	3.
1992	0000	-730	37.2146	80.8426	DLMU-1	0.8	1.4	5.0	1.84 -	0.28	6.56	1160.	56.	4.
1993	0000	-731	37.2142	80.8426	DLMU-1	0.8 +	1.4	5.1	1.76 -	0.28	6.26	1202.	57.	4.
1994	0000	-735	37.2138	80.8425	DB-2	0.9	1.4 -	5.2 -	1.62	0.27	5.94	1256.	56.	3.
1995	0000	-736	37.2135	80.8425	DB-2	1.0	1.2 -	5.3 -	1.25 -	0.23	5.41 -	1285.	54.	4.
1996	0000	-733	37.2131	80.8424	DB-2	1.0	1.3 -	5.0 --	1.32	0.27	4.92 -	1294.	54.	4.
1997	0000	-735	37.2127	80.8423	DB-2	1.0	1.3 -	4.8 --	1.35	0.28	4.76 -	1282.	54.	5.
1998	0000	-738	37.2123	80.8422	DB-2	1.0	1.3 -	4.4 --	1.35	0.30	4.53 -	1267.	57.	6.
1999	0000	-737	37.2119	80.8422	DB-2	0.9	1.4 -	4.4 --	1.49	0.31	4.79 -	1227.	57.	6.
2000	0000	-737	37.2116	80.8422	DB-2	0.9	1.3 -	4.4 --	1.54	0.30	5.10 -	1183.	55.	6.
2001	0000	-738	37.2112	80.8421	DB-2	0.8	1.3 -	4.1 --	1.61	0.32	5.10 -	1111.	57.	6.
2002	0000	-737	37.2108	80.8420	DB-2	0.7 -	1.3 -	4.1 --	1.90	0.33	5.84	1051.	57.	5.
2003	0000	-737	37.2104	80.8420	DB-2	0.6 -	1.2 -	4.1 --	1.93	0.29	6.68	992.	57.	5.
2004	0000	-739	37.2101	80.8419	DB-1	0.5 +	1.1	4.0 +	2.09 -	0.29 -	7.24	921.	55.	4.
2005	0000	-739	37.2096	80.8418	DB-1	0.4 +	1.2	3.6 +	2.68	0.33	8.10	846.	55.	2.
2006	0000	-742	37.2093	80.8418	DB-1	0.4	1.1	3.2	2.77	0.34	8.15	762.	56.	1.
2007	0000	-744	37.2089	80.8418	DLMU-1	0.3	1.2	2.8	3.67	0.43	8.63	692.	57.	1.
2008	0000	-741	37.2085	80.8417	DLMU-1	0.3	1.0	2.6 -	3.71	0.40	9.26	635.	58.	1.
2009	0000	-743	37.2081	80.8417	DLMU-1	0.2	1.0	2.4 -	4.73	0.44	10.80	579.	60.	1.
2010	0000	-743	37.2077	80.8416	DLMU-1	0.2	1.1	2.1 -	5.45	0.52 +	10.56	522.	61.	0.
2011	0000	-740	37.2074	80.8415	DLMU-1	0.2 -	1.0	1.8 -	5.66	0.57 +	9.84	498.	60.	0.
2012	0000	-743	37.2070	80.8414	DLMU-1	0.2	0.9	2.0 -	4.48	0.46	9.75	490.	59.	0.
2013	0000	-743	37.2066	80.8414	DLMU-1	0.2 -	1.0	2.1 -	5.76	0.47	12.29	482.	57.	0.
2014	0000	-741	37.2062	80.8413	DLMU-1	0.1 -	0.9 -	2.3 -	6.00	0.39	15.45	496.	57.	0.
2015	0000	-746	37.2059	80.8413	DLMU-1	0.1 -	1.1	2.3 -	7.51 +	0.46	16.19 +	520.	55.	0.
2016	0000	-744	37.2055	80.8412	DLMU-1	0.2 -	1.1	2.3 -	6.07	0.47	12.90	567.	54.	0.
2017	0000	-744	37.2051	80.8412	DLMU-1	0.2 -	1.1	2.5 -	6.19	0.46	13.55	612.	55.	1.
2018	0000	-747	37.2047	80.8410	DLMU-1	0.2 -	1.1	2.9	5.94	0.38	15.51	643.	59.	3.
2019	0000	-746	37.2044	80.8410	DLMU-1	0.2 -	1.0	3.1	5.67	0.34	16.82 +	677.	59.	4.
2020	0000	-745	37.2040	80.8410	SU	0.2	0.8 -	3.4	3.33	0.23	14.45	705.	61.	6.
2021	0000	-744	37.2036	80.8409	SU	0.3	0.8 -	3.4	2.75	0.22	12.33	729.	60.	6.
2022	0000	-742	37.2032	80.8408	SU	0.3	0.6 -	3.7	1.87 -	0.16 -	11.90	742.	62.	7.
2023	0000	-743	37.2028	80.8408	SU	0.3	0.7 -	3.7	2.13	0.17 -	12.19	741.	61.	8.
2024	0000	-744	37.2025	80.8407	SU	0.3	0.5 -	3.7	1.59 -	0.15 -	10.82	741.	61.	8.
2025	0000	-742	37.2021	80.8406	SU	0.4	0.7 -	3.7	1.91 -	0.18 -	10.35	749.	58.	6.
2026	0000	-744	37.2017	80.8406	SU	0.4	0.9	3.6	2.38	0.24	9.84	754.	56.	5.
2027	0000	-745	37.2013	80.8405	SU	0.4	1.1	3.2	2.85	0.34	8.37 -	776.	56.	3.
2028	0000	-743	37.2009	80.8405	SU	0.4	1.3	3.5	3.24	0.38	8.59	811.	55.	3.
2029	0000	-743	37.2006	80.8404	SU	0.5	1.3	3.8	2.85	0.34	8.40 -	847.	57.	2.
2030	0000	-743	37.2002	80.8403	SU	0.5	1.4	4.2	2.56	0.32	8.01 -	913.	57.	2.
2031	0000	-743	37.1998	80.8403	SU	0.6 +	1.7	4.3	2.88	0.40	7.24 -	1005.	58.	1.
2032	0000	-747	37.1994	80.8402	SU	0.7 +	1.8	5.1	2.39	0.34	6.94 -	1124.	60.	1.
2033	0000	-747	37.1990	80.8402	SU	0.9 +	1.7	5.8 +	1.97 -	0.29	6.75 -	1234.	61.	1.
2034	0000	-746	37.1987	80.8401	SU	1.0 ++	1.8	7.0 +	1.83 -	0.25	7.21 -	1366.	61.	1.
2035	0000	-748	37.1983	80.8401	SU	1.1 ++	1.9 +	7.4 +	1.74 -	0.26	6.83 -	1469.	61.	1.
2036	0000	-746	37.1979	80.8400	SU	1.1 ++	2.2 +	7.8 +	1.97 -	0.28	7.00 -	1564.	58.	1.
2037	0000	-744	37.1975	80.8399	SU	1.1 ++	2.1 +	8.0 +	1.80 -	0.26	7.00 -	1595.	57.	1.
2038	0000	-746	37.1971	80.8399	SU	1.2 ++	1.8 +	8.5 ++	1.58 -	0.21	7.35 -	1593.	57.	1.
2039	0000	-750	37.1968	80.8399	SU	1.1 ++	1.9 +	7.7 +	1.68 -	0.24	7.00 -	1544.	54.	2.
2040	0000	-751	37.1964	80.8398	SU	1.0 ++	1.7	7.3 +	1.69 -	0.24	7.15 -	1496.	51.	3.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-751	37.1960	80.8397	SU	0.9 +	1.7	6.8 +	1.82 -	0.25	7.22 -	1428.	51.	3.
2042	0000	-752	37.1956	80.8396	OMUU	0.8	1.5	6.2	1.78	0.24	7.33	1363.	50.	5.
2043	0000	-753	37.1952	80.8396	OMUU	0.8	1.4	5.7	1.67	0.24	6.81	1311.	49.	6.
2044	0000	-752	37.1948	80.8395	OMUU	0.8	1.3	5.6	1.62	0.24	6.76	1284.	49.	7.
2045	0000	-753	37.1945	80.8394	OMUU	0.8	1.2	5.8	1.53	0.21	7.24	1272.	49.	8.
2046	0000	-754	37.1941	80.8394	OMUU	0.8	0.9 -	6.3	1.14 -	0.14 -	7.93	1258.	51.	9.
2047	0000	-753	37.1937	80.8394	OMUU	0.8	1.0 -	6.2	1.22 -	0.16 -	7.68	1260.	53.	10.
2048	0000	-755	37.1933	80.8393	OMUU	0.8	0.9 -	6.3	1.13 -	0.14 -	8.13	1245.	54.	11.
2049	0000	-759	37.1929	80.8392	OMUU	0.8	0.9 -	6.6	1.12 -	0.13 -	8.45	1243.	54.	10.
2050	0000	-757	37.1926	80.8391	CHK-2	0.7	0.9 --	6.9	1.21	0.13 --	9.33	1236.	54.	11.
2051	0000	-756	37.1922	80.8391	CHK-2	0.7	1.0 --	6.7	1.32	0.14 --	9.10	1237.	53.	11.
2052	0000	-760	37.1918	80.8391	CHK-2	0.7	1.0 --	6.4 -	1.42	0.16 --	8.86	1216.	53.	10.
2053	0000	-760	37.1914	80.8390	CHK-2	0.7	1.1 --	6.3 -	1.53	0.17 --	8.77	1205.	54.	8.
2054	0000	-761	37.1910	80.8389	CHK-2	0.7	1.2 --	6.1 -	1.64	0.19 --	8.62	1197.	52.	6.
2055	0000	-762	37.1906	80.8389	CHK-1	0.7	1.4 -	5.8 +	1.93	0.23 -	8.27	1197.	50.	5.
2056	0000	-763	37.1902	80.8388	CHK-1	0.7	1.4 -	5.5	1.91	0.25 -	7.63	1178.	49.	4.
2057	0000	-765	37.1898	80.8387	CHK-1	0.7	1.4 -	5.2	2.10	0.27 -	7.72	1148.	50.	2.
2058	0000	-764	37.1894	80.8387	CHK-1	0.6	1.5	5.2	2.41	0.28 -	8.47	1113.	51.	1.
2059	0000	-765	37.1890	80.8386	CHK-1	0.5	1.7	5.0	3.23	0.34	9.36	1092.	51.	0.
2060	0000	-770	37.1886	80.8385	CHK-1	0.5 -	2.0	4.7	4.30 +	0.42	10.22 +	1076.	48.	0.
2061	0000	-766	37.1882	80.8384	CHK-1	0.4 -	2.1	4.7	5.13 +	0.45	11.45 +	1055.	51.	0.
2062	0000	-764	37.1878	80.8384	CHK-1	0.4 -	2.1	4.6	5.19 +	0.45	11.44 +	1049.	53.	1.
2063	0000	-769	37.1874	80.8383	CHK-1	0.4 -	2.2	4.7	5.69 +	0.48	11.93 +	1082.	52.	1.
2064	0000	-769	37.1870	80.8383	CHK-1	0.5	2.3	4.8	4.50 +	0.47	9.55	1141.	51.	2.
2065	0000	-769	37.1866	80.8382	CHK-1	0.7	2.3	4.8	3.43	0.49	7.00	1233.	54.	3.
2066	0000	-772	37.1862	80.8381	CHK-1	0.9	2.3	4.7	2.56	0.48	5.37	1345.	55.	5.
2067	0000	-770	37.1858	80.8381	CHK-1	1.0	2.2	4.8	2.14	0.45	4.71	1428.	55.	6.
2068	0000	-770	37.1854	80.8380	CHK-1	1.1	2.0	4.7	1.79	0.44	4.11	1481.	55.	8.
2069	0000	-773	37.1850	80.8379	CN	1.3	2.0	4.3	1.57	0.46	3.41	1533.	53.	9.
2070	0000	-773	37.1847	80.8379	CN	1.4	1.9	4.1	1.35	0.46	2.93	1565.	53.	9.
2071	0000	-772	37.1843	80.8378	CN	1.4	1.9	3.6 -	1.34	0.53 +	2.50	1577.	53.	8.
2072	0000	-773	37.1839	80.8377	CN	1.5	1.7	3.7 -	1.15	0.46	2.48	1575.	51.	7.
2073	0000	-773	37.1834	80.8377	CN	1.5	1.6 -	4.0	1.09	0.39	2.65	1553.	47.	5.
2074	0000	-776	37.1830	80.8376	CN	1.5	1.6 -	4.1	1.04	0.39	2.69	1526.	50.	4.
2075	0000	-779	37.1826	80.8375	CN	1.4	1.6	4.5	1.13	0.36	3.12	1507.	49.	2.
2076	0000	-778	37.1822	80.8375	CN	1.4	1.6	5.0	1.18	0.33	3.58	1460.	51.	1.
2077	0000	-777	37.1819	80.8374	CN	1.3	1.6	5.5	1.27	0.30 -	4.28	1417.	50.	0.
2078	0000	-779	37.1814	80.8374	CN	1.2	1.6	5.8	1.37	0.28 -	4.96	1371.	49.	0.
2079	0000	-778	37.1810	80.8373	CCR-1	1.0	1.8	5.6	1.74	0.31	5.54	1291.	47.	0.
2080	0000	-779	37.1806	80.8372	CCR-1	0.9	1.7	5.3	1.95	0.32	6.06	1203.	52.	1.
2081	0000	-781	37.1802	80.8372	CCR-1	0.7	1.8	5.5	2.39	0.32	7.41	1140.	48.	1.
2082	0000	-779	37.1798	80.8371	CCR-1	0.7	1.6	5.2	2.36	0.31	7.52	1078.	47.	1.
2083	0000	-780	37.1794	80.8370	CCR-1	0.6	1.5	5.0	2.47	0.30	8.25	1015.	46.	2.
2084	0000	-785	37.1790	80.8370	CCR-1	0.6	1.4	4.3	2.42	0.32	7.62	920.	50.	3.
2085	0000	-784	37.1786	80.8369	CCR-1	0.5	1.4	3.8	2.92	0.36	8.12	840.	51.	4.
2086	0000	-782	37.1783	80.8368	CCR-1	0.4 -	1.2 -	3.4 -	3.01	0.36	8.46	769.	52.	5.
2087	0000	-785	37.1779	80.8367	CCR-1	0.3 -	1.1 -	3.0 -	3.23	0.36	8.97	704.	49.	5.
2088	0000	-785	37.1775	80.8367	CCR-1	0.3 -	0.9 -	2.5 -	2.65	0.36	7.45	644.	49.	6.
2089	0000	-786	37.1771	80.8367	CCR-1	0.3 -	0.7 -	1.9 --	2.61	0.40	6.59	593.	50.	8.
2090	0000	-789	37.1767	80.8366	CCR-1	0.3 -	0.8 -	1.6 --	3.06	0.50 +	6.09	570.	49.	8.
2091	0000	-787	37.1763	80.8365	CCR-1	0.3 -	0.7 -	1.7 --	2.86	0.44	6.53	565.	48.	9.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-788	37.1759	80.8364	CCR-1	0.3 -	0.4 --	1.7 --	1.35 -	0.25 -	5.33	566.	48.	10.
2093	0000	-789	37.1755	80.8364	CCR-1	0.3 -	0.4 --	1.9 --	1.13 -	0.19 -	5.80	572.	49.	10.
2094	0000	-788	37.1751	80.8363	CCR-1	0.4 -	0.3 --	2.1 --	0.87 -	0.15 --	5.70	585.	50.	11.
2095	0000	-790	37.1747	80.8362	CCR-1	0.4 -	0.4 --	2.2 --	1.05 -	0.18 -	5.72	611.	50.	10.
2096	0000	-789	37.1743	80.8362	CCR-1	0.4 -	0.6 --	2.6 -	1.62	0.23 -	6.97	639.	50.	9.
2097	0000	-790	37.1739	80.8361	CCR-1	0.4 -	0.6 --	2.8 -	1.53	0.21 -	7.29	659.	54.	9.
2098	0000	-793	37.1735	80.8360	CCR-1	0.3 -	0.8 -	3.1 -	2.22	0.24 -	9.15	677.	54.	8.
2099	0000	-792	37.1730	80.8360	CCR-1	0.3 -	0.9 -	3.3 -	2.94	0.28	10.34	690.	52.	6.
2100	0000	-791	37.1727	80.8360	CCR-1	0.3 -	1.0 -	3.4 -	3.27	0.31	10.62	703.	51.	4.
2101	0000	-796	37.1722	80.8359	CCR-1	0.3 -	1.3	3.4 -	4.64 +	0.39	12.01 +	716.	53.	2.
2102	0000	-796	37.1719	80.8358	CCR-1	0.3 -	1.4	3.5 -	5.52 +	0.41	13.42 +	740.	52.	1.
2103	0000	-795	37.1715	80.8357	CCR-1	0.3 -	1.5	3.7	4.56 +	0.41	11.13 +	773.	52.	1.
2104	0000	-795	37.1711	80.8357	CCR-1	0.3 -	1.7	3.7	4.89 +	0.45	10.92 +	808.	50.	0.
2105	0000	-793	37.1707	80.8356	OKU	0.4	1.7	3.8	4.62 +	0.46 +	10.13	838.	49.	0.
2106	0000	-793	37.1703	80.8355	OKU	0.4 -	1.7	4.0	4.67 +	0.41	11.27	866.	51.	1.
2107	0000	-797	37.1699	80.8355	OKU	0.4 -	1.7	4.5	4.86 +	0.38	12.68 +	906.	51.	1.
2108	0000	-799	37.1695	80.8354	OKU	0.4	1.7	4.9	4.41 +	0.35	12.74 +	957.	50.	2.
2109	0000	-799	37.1691	80.8353	OKU	0.4	1.7	5.2	3.76	0.32	11.72	992.	53.	2.
2110	0000	-799	37.1687	80.8353	OKU	0.5	1.6	5.5	3.52	0.30	11.71	1025.	53.	2.
2111	0000	-797	37.1683	80.8353	OKU	0.5	1.6	5.7	2.89	0.27	10.53	1070.	53.	2.
2112	0000	-799	37.1679	80.8352	OKU	0.6	1.6	6.0	2.59	0.27	9.78	1131.	53.	2.
2113	0000	-799	37.1675	80.8351	OKU	0.7	1.5	6.4 +	2.22	0.24	9.28	1195.	54.	2.
2114	0000	-799	37.1671	80.8350	OKU	0.8	1.5	6.6 +	2.02	0.23	8.75	1232.	55.	1.
2115	0000	-802	37.1667	80.8350	OKU	0.8	1.5	6.5 +	1.87	0.23	8.16	1253.	56.	0.
2116	0000	-803	37.1663	80.8349	OKU	0.8	1.3	6.8 +	1.67	0.19 -	8.54	1266.	55.	0.
2117	0000	-799	37.1659	80.8348	OKU	0.8	1.3	6.8 +	1.57	0.19 -	8.20	1282.	55.	0.
2118	0000	-803	37.1655	80.8348	OMUU	0.9	1.2	6.6	1.42	0.18 -	7.74	1287.	55.	1.
2119	0000	-806	37.1651	80.8347	OMUU	0.9	1.2	6.7	1.32	0.17 -	7.59	1268.	58.	1.
2120	0000	-804	37.1647	80.8346	OMUU	0.9	1.2	6.4	1.35	0.19	7.03	1256.	55.	1.
2121	0000	-806	37.1643	80.8345	OMUU	0.9	1.3	6.4	1.43	0.21	6.96	1270.	56.	1.
2122	0000	-805	37.1639	80.8345	OMUU	0.9	1.4	6.5	1.59	0.22	7.13	1284.	53.	1.
2123	0000	-805	37.1635	80.8345	OMUU	0.9	1.5	6.1	1.64	0.24	6.68	1278.	57.	1.
2124	0000	-807	37.1631	80.8344	OMUU	0.9	1.5	6.2	1.64	0.24	6.89	1268.	57.	2.
2125	0000	-805	37.1627	80.8343	OMUU	0.9	1.4	6.4	1.64	0.22	7.32	1262.	56.	1.
2126	0000	-807	37.1623	80.8343	OMUU	0.8	1.4	6.1	1.68	0.23	7.21	1253.	56.	1.
2127	0000	-809	37.1619	80.8342	OMUU	0.8	1.3	5.7	1.58	0.24	6.73	1227.	59.	1.
2128	0000	-805	37.1615	80.8341	OMUU	0.8	1.3	5.4	1.57	0.24	6.43	1190.	60.	1.
2129	0000	-804	37.1611	80.8340	OMUU	0.8	1.2	5.3	1.47	0.22	6.57	1146.	62.	1.
2130	0000	-808	37.1607	80.8340	OMUU	0.8	1.2	5.1	1.42	0.23	6.31	1118.	57.	2.
2131	0000	-806	37.1603	80.8339	OMUU	0.8	1.1	4.7	1.46	0.24	6.13	1076.	59.	2.
2132	0000	-805	37.1599	80.8338	OMUU	0.7	1.0 -	4.6	1.40	0.21	6.56	1029.	60.	3.
2133	0000	-809	37.1595	80.8338	OMUU	0.7	0.7 -	4.7	1.03 -	0.15 -	6.87	978.	59.	5.
2134	0000	-807	37.1591	80.8338	OMUU	0.6	0.7 -	4.7	1.13 -	0.15 -	7.49	933.	60.	5.
2135	0000	-804	37.1587	80.8337	OMUU	0.6	0.6 -	4.3	0.97 -	0.13 -	7.21	888.	58.	6.
2136	0000	-806	37.1584	80.8336	OMUU	0.6	0.5 --	3.9	0.87 -	0.13 --	6.82	835.	61.	7.
2137	0000	-807	37.1580	80.8336	OMUU	0.5	0.4 --	3.6 -	0.80 -	0.12 --	6.81	785.	63.	8.
2138	0000	-809	37.1575	80.8335	OMUU	0.5	0.4 --	3.4 -	0.80 -	0.11 --	7.24	733.	64.	9.
2139	0010	-808	37.1571	80.8334	OMUU	0.4	0.3 N.A.	3.0 -	0.73 N.A.	0.10 N.A.	7.12	678.	66.	9.
2140	0000	-806	37.1567	80.8333	OMUU	0.4	0.4 --	2.9 -	1.01 -	0.14 -	7.11	643.	66.	9.
2141	0010	-810	37.1564	80.8333	OMUU	0.4	0.3 N.A.	2.7 -	0.75 N.A.	0.10 N.A.	7.52	613.	65.	9.
2142	0010	-810	37.1560	80.8332	OMUU	0.3 -	0.1 N.A.	2.8 -	0.38 N.A.	0.05 N.A.	8.27	578.	68.	9.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-805	37.1555	80.8331	OMUU	0.3 -	0.3 --	2.7 -	1.13 -	0.12 --	9.38	575.	68.	8.
2144	0000	-808	37.1551	80.8331	OMUU	0.3 -	0.4 --	2.8 -	1.35	0.13 --	10.58	565.	69.	7.
2145	0000	-810	37.1547	80.8330	STC-1	0.3	0.4 --	3.0	1.44 --	0.13 --	10.86	565.	68.	6.
2146	0000	-808	37.1543	80.8330	STC-1	0.3	0.6 -	2.9	2.24 -	0.19 -	11.65	571.	66.	5.
2147	0000	-809	37.1539	80.8329	STC-1	0.2	0.7 -	2.8	3.24	0.25	13.01	590.	64.	4.
2148	0000	-811	37.1535	80.8329	STC-1	0.2	0.9	2.9	3.89	0.29	13.19	606.	62.	3.
2149	0000	-811	37.1531	80.8328	STC-1	0.2	1.1	3.0	6.02	0.38	16.02	631.	60.	2.
2150	0000	-809	37.1527	80.8327	STC-1	0.2	1.0	3.4	5.01	0.29	17.08 +	651.	59.	2.
2151	0000	-806	37.1523	80.8326	STC-1	0.2	1.0	3.4	4.80	0.29	16.45	668.	56.	1.
2152	0000	-808	37.1519	80.8326	STC-1	0.2	1.1	3.6 +	5.13	0.29	17.58 +	689.	55.	1.
2153	0000	-809	37.1516	80.8325	STC-1	0.2	1.1	3.7 +	4.83	0.29	16.44	699.	56.	1.
2154	0000	-808	37.1512	80.8324	STC-1	0.2	1.0	3.7 +	4.20	0.28	15.23	692.	56.	0.
2155	0000	-807	37.1508	80.8324	STC-1	0.2	1.0	3.6 +	4.57	0.28	16.09	675.	57.	0.
2156	0000	-808	37.1504	80.8323	STC-1	0.2	1.0	3.2	4.65	0.32	14.57	654.	57.	0.
2157	0000	-809	37.1500	80.8322	STC-1	0.2	1.0	2.9	4.12	0.34	12.00	622.	55.	0.
2158	0000	-809	37.1496	80.8322	STC-1	0.3	0.9	2.9	3.33	0.31	10.78	608.	56.	0.
2159	0000	-807	37.1492	80.8322	DLMU-1	0.3	1.0	2.5 -	3.80	0.39	9.72	583.	56.	0.
2160	0000	-809	37.1488	80.8321	DLMU-1	0.3	1.0	2.4 -	3.90	0.41	9.56	569.	52.	0.
2161	0000	-812	37.1484	80.8320	DLMU-1	0.2	1.0	2.2 -	4.02	0.45	8.88	557.	53.	0.
2162	0000	-811	37.1480	80.8319	DLMU-1	0.2	1.1	1.9 -	5.13	0.60 +	8.61	560.	51.	1.
2163	0000	-810	37.1476	80.8319	DLMU-1	0.2	1.1	2.3 -	5.10	0.50	10.26	566.	51.	1.
2164	0000	-810	37.1472	80.8318	DLMU-1	0.2	1.1	2.3 -	5.43	0.50	10.94	583.	52.	2.
2165	0000	-809	37.1468	80.8317	DLMU-1	0.2	1.1	2.2 -	5.20	0.51	10.27	599.	49.	3.
2166	0000	-809	37.1463	80.8316	DLMU-1	0.3	1.0	2.4 -	4.15	0.44	9.34	646.	50.	5.
2167	0000	-809	37.1460	80.8316	DLMU-1	0.3	0.9	2.3 -	2.97	0.39	7.54	712.	52.	6.
2168	0000	-810	37.1456	80.8315	DLMU-1	0.4	1.0	2.9	2.58	0.36	7.22	819.	51.	7.
2169	0000	-812	37.1452	80.8315	DLMU-1	0.6	1.1	3.7	1.77 -	0.29	6.15	945.	52.	7.
2170	0000	-811	37.1448	80.8314	DLMU-1	0.8	1.1	4.3	1.49 -	0.27	5.61 -	1089.	53.	8.
2171	0000	-812	37.1445	80.8314	DLMU-1	0.9 +	1.2	5.1	1.40 -	0.24 -	5.86 -	1243.	52.	7.
2172	0000	-815	37.1441	80.8314	DLMU-1	1.0 +	1.6	5.9 +	1.63 -	0.27	6.00 -	1406.	53.	6.
2173	0000	-814	37.1438	80.8314	DLMU-1	1.1 +	1.9	6.8 +	1.65 -	0.28	5.96 -	1570.	50.	4.
2174	0000	-813	37.1434	80.8314	DLMU-2	1.3	2.3	7.6	1.86	0.31	6.03	1704.	51.	3.
2175	0000	-814	37.1431	80.8314	DLMU-2	1.4	2.3	8.4	1.70	0.28	6.12	1813.	50.	2.
2176	0000	-815	37.1427	80.8314	DLMU-2	1.4	2.4	8.7	1.70	0.27	6.19	1905.	50.	2.
2177	0000	-812	37.1424	80.8314	DLMU-2	1.4	2.4	9.4 +	1.67	0.26	6.49	1980.	49.	1.
2178	0000	-811	37.1420	80.8314	DLMU-2	1.6	2.4	9.4 +	1.52	0.25	6.05	2032.	48.	2.
2179	0000	-813	37.1417	80.8314	DLMU-2	1.5	2.5	9.5 +	1.62	0.26	6.25	2050.	47.	3.
2180	0000	-810	37.1413	80.8313	DLMU-2	1.5	2.3	9.4 +	1.46	0.24	6.10	2049.	50.	4.
2181	0000	-809	37.1410	80.8313	DLMU-2	1.6	1.9	9.7 +	1.24	0.20 -	6.21	2037.	49.	6.
2182	0000	-814	37.1406	80.8313	DLMU-2	1.5	1.8	9.7 +	1.21	0.19 -	6.33	2009.	49.	6.
2183	0000	-817	37.1403	80.8313	DLMU-2	1.5	1.6 -	9.8 +	1.06 -	0.17 -	6.38	1985.	49.	7.
2184	0000	-815	37.1399	80.8313	DLMU-2	1.5	1.5 -	9.4 +	1.00 -	0.16 -	6.17	1951.	47.	7.
2185	0000	-815	37.1396	80.8312	DB-2	1.5	1.7	9.5	1.17 -	0.18 -	6.57	1922.	49.	5.
2186	000[redacted]	-815	37.1392	80.8312	DB-2	1.5	1.5 -	9.5	0.99 -	0.16 -	6.36	1924.	50.	5.
2187	00[redacted]	-814	37.1388	80.8312	DB-2	1.5	1.4 -	9.8 +	0.98 -	0.15 --	6.65	1917.	49.	4.
2188	0000	-817	37.1385	80.8312	DB-2	1.5	1.5 -	9.7 +	1.02 -	0.15 -	6.66	1918.	45.	4.
2189	0000	-820	37.1382	80.8312	DB-2	1.4	1.6 -	9.7 +	1.12 -	0.16 -	6.84	1922.	49.	3.
2190	0000	-818	37.1378	80.8312	DB-2	1.4	1.7	9.9 +	1.27 -	0.18 -	7.24	1904.	50.	3.
2191	0000	-815	37.1375	80.8312	DB-2	1.3	1.7	9.8 +	1.30	0.17 -	7.51	1885.	50.	2.
2192	0000	-818	37.1371	80.8312	DB-2	1.3	1.5 -	9.6	1.16 -	0.16 -	7.30	1873.	51.	6.
2193	0000	-818	37.1368	80.8312	DB-2	1.3	1.6 -	10.0 +	1.21 -	0.16 -	7.65	1869.	49.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-818	37.1364	80.8312	DB-2	1.3	1.7	9.8 +	1.32	0.17 -	7.82	1873.	51.	7.
2195	0000	-818	37.1361	80.8311	DB-2	1.2	1.7	10.0 +	1.43	0.17 -	8.16	1897.	54.	7.
2196	0000	-817	37.1357	80.8311	DB-2	1.3	1.7	10.0 +	1.33	0.17 -	7.97	1915.	55.	8.
2197	0000	-817	37.1353	80.8311	DB-2	1.2	1.9	9.9 +	1.57	0.19 -	8.21	1936.	54.	8.
2198	0000	-819	37.1350	80.8311	DB-2	1.3	1.9	10.0 +	1.48	0.19 -	7.83	1954.	55.	8.
2199	0000	-816	37.1347	80.8311	DB-2	1.3	2.1	10.4 +	1.65	0.20	8.31	1976.	54.	8.
2200	0000	-815	37.1343	80.8311	DB-2	1.3	1.9	10.4 +	1.56	0.19 -	8.33	1971.	55.	10.
2201	0000	-818	37.1340	80.8311	DB-2	1.3	1.9	10.7 +	1.48	0.18 -	8.40	1971.	55.	10.
2202	0000	-818	37.1336	80.8311	DB-2	1.3	1.7	10.8 +	1.29	0.15 -	8.40	1973.	52.	11.
2203	0000	-818	37.1333	80.8311	DB-2	1.3	1.7	11.3 ++	1.38	0.15 -	8.96	1994.	50.	12.
2204	0000	-819	37.1329	80.8311	DB-2	1.3	1.6 -	11.5 ++	1.19 -	0.14 --	8.78	2019.	49.	12.
2205	0000	-818	37.1325	80.8311	DB-2	1.3	1.8	11.5 ++	1.44	0.16 -	9.12	2044.	48.	10.
2206	0000	-819	37.1322	80.8309	DB-2	1.3	1.8	11.7 ++	1.45	0.16 -	9.35	2053.	51.	8.
2207	0000	-823	37.1318	80.8309	DB-2	1.2	2.0	11.6 ++	1.64	0.18 -	9.36	2062.	52.	6.
2208	0000	-823	37.1315	80.8309	DB-2	1.2	2.2	11.2 ++	1.87	0.20	9.34	2060.	52.	4.
2209	0000	-820	37.1311	80.8310	DB-2	1.1	2.6	11.0 +	2.26	0.23	9.70 +	2025.	55.	3.
2210	0000	-821	37.1308	80.8310	DB-2	1.1	2.6	10.3 +	2.37	0.25	9.38	1963.	58.	1.
2211	0000	-823	37.1305	80.8309	DB-2	1.0	2.7 +	10.0 +	2.59	0.27	9.63 +	1899.	60.	0.
2212	0000	-821	37.1301	80.8309	DB-2	1.0	2.5	10.0 +	2.48	0.25	9.94 +	1828.	60.	0.
2213	0000	-820	37.1298	80.8309	DB-2	1.0	2.4	9.5	2.48	0.25	9.78 +	1755.	58.	0.
2214	0000	-819	37.1294	80.8309	DB-2	0.9	2.2	9.2	2.45	0.24	10.18 +	1670.	58.	1.
2215	0000	-817	37.1290	80.8309	DB-2	0.9	2.1	9.0	2.35	0.23	10.28 +	1588.	55.	1.
2216	0000	-821	37.1287	80.8308	DB-2	0.9	1.8	8.5	2.06	0.21	9.88 +	1502.	53.	2.
2217	0000	-822	37.1283	80.8308	DB-2	0.8	1.7	7.9	2.07	0.22	9.62 +	1419.	52.	3.
2218	0000	-820	37.1280	80.8308	DB-2	0.8	1.5 -	7.4	1.76	0.20 -	8.92	1358.	52.	4.
2219	0000	-824	37.1276	80.8308	DB-2	0.8	1.5 -	6.9	1.85	0.21	8.67	1315.	54.	5.
2220	0000	-826	37.1273	80.8308	DB-2	0.8	1.4 -	6.7	1.68	0.20	8.24	1287.	56.	6.
2221	0000	-821	37.1270	80.8308	DB-2	0.8	1.4 -	6.6 -	1.74	0.22	8.00	1285.	56.	5.
2222	0000	-823	37.1265	80.8308	DB-2	0.8	1.3 -	6.8	1.52	0.19 -	8.01	1280.	57.	6.
2223	0000	-826	37.1262	80.8308	DB-2	0.8	1.3 -	6.9	1.61	0.19 -	8.36	1295.	58.	6.
2224	0000	-825	37.1259	80.8308	DB-2	0.8	1.4 -	7.1	1.75	0.20	8.76	1323.	58.	6.
2225	0000	-825	37.1255	80.8308	DB-2	0.7 -	1.5 -	7.3	2.03	0.20	10.02 +	1324.	57.	6.
2226	0000	-825	37.1252	80.8307	DCH	0.7	1.6	7.3	2.34	0.21	10.88	1322.	57.	6.
2227	0000	-825	37.1248	80.8307	DCH	0.6	1.5	7.0	2.52	0.22	11.50	1285.	56.	5.
2228	0000	-824	37.1245	80.8307	DCH	0.6 -	1.4	6.8	2.54	0.21	12.05	1259.	56.	6.
2229	0000	-825	37.1241	80.8307	DCH	0.5 -	1.6	6.5	3.11	0.24	12.88 +	1226.	57.	5.
2230	0000	-824	37.1238	80.8307	DCH	0.5 -	1.7	5.9	3.39 +	0.29	11.82	1194.	58.	4.
2231	0000	-822	37.1234	80.8307	DCH	0.5 -	1.6	5.5	3.24	0.29	11.05	1156.	59.	3.
2232	0000	-821	37.1230	80.8306	DCH	0.5 -	1.6	5.6	3.19	0.28	11.22	1135.	61.	2.
2233	0000	-825	37.1227	80.8306	DCH	0.6 -	1.4	5.7	2.61	0.25	10.34	124.	63.	1.
2234	0000	-826	37.1224	80.8306	DCH	0.5 -	1.5	6.1	2.88	0.25	11.37	1124.	62.	1.
2235	0000	-825	37.1220	80.8306	DCH	0.5 -	1.7	6.0	3.11	0.28	11.05	1130.	64.	1.
2236	0000	-826	37.1217	80.8306	DCH	0.5 -	1.8	6.1	3.28	0.29	11.29	1147.	62.	1.
2237	0000	-824	37.1213	80.8306	DCH	0.5 -	1.8	6.7	3.28	0.26	12.42	1170.	60.	1.
2238	0000	-823	37.1210	80.8306	DCH	0.5 -	1.7	7.1	3.20	0.25	13.03 +	1205.	61.	3.
2239	0000	-829	37.1206	80.8306	DCH	0.6	1.7	6.6	2.82	0.26	10.87	1217.	60.	5.
2240	0000	-829	37.1202	80.8306	DCH	0.6	1.6	6.1	2.58	0.26	10.04	1206.	61.	6.
2241	0000	-825	37.1199	80.8306	DCH	0.6	1.5	5.7	2.33	0.26	8.83	1221.	60.	7.
2242	0000	-828	37.1196	80.8305	DCH	0.7	1.3 -	5.8	1.82	0.22	8.41	1226.	59.	7.
2243	0000	-829	37.1192	80.8305	DCH	0.8	1.1 -	5.8	1.48	0.19 -	7.68	1244.	60.	7.
2244	0000	-826	37.1189	80.8305	DCH	0.8	1.0 -	5.6	1.25 -	0.19 -	6.70	1288.	59.	6.

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FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-830	37.1185	80.8305	DCH	0.9	1.3 -	5.8	1.58	0.23	6.80	1308.	56.	5.
2246	0000	-831	37.1182	80.8305	MPR-1	0.9	1.4	6.4	1.58	0.22	7.27	1364.	57.	3.
2247	0000	-827	37.1178	80.8305	MPR-1	0.9	1.8	7.1	1.90	0.25	7.58	1444.	56.	2.
2248	0000	-828	37.1175	80.8305	MPR-1	1.0	2.1	7.5	2.01	0.27	7.33	1526.	53.	1.
2249	0000	-831	37.1171	80.8305	MPR-1	1.1	2.2	7.8	1.94	0.28	6.99	1588.	53.	0.
2250	0000	-829	37.1167	80.8305	MPR-1	1.2	2.3	7.7	1.85	0.29	6.27	1650.	54.	1.
2251	0000	-827	37.1164	80.8305	MPR-1	1.3	2.2	8.2	1.74	0.27	6.39	1687.	52.	1.
2252	0000	-826	37.1160	80.8303	MPR-1	1.4 +	2.0	8.1	1.46	0.25	5.77	1762.	54.	1.
2253	0000	-826	37.1157	80.8303	MPR-1	1.5 +	2.0	8.0	1.36 -	0.25	5.47	1817.	51.	2.
2254	0000	-826	37.1154	80.8303	MPR-1	1.6 +	2.0	7.9	1.23 -	0.25	5.02	1875.	49.	2.
2255	0000	-826	37.1150	80.8303	MPR-1	1.7 +	1.8	8.0	1.06 -	0.22	4.78 -	1910.	49.	3.
2256	0000	-829	37.1147	80.8303	MPR-1	1.7 +	1.8	8.3	1.05 -	0.22	4.81 -	1936.	47.	4.
2257	0000	-826	37.1143	80.8303	MPR-1	1.7 +	1.7	8.5	1.02 -	0.21	4.93 -	1934.	46.	4.
2258	0000	-825	37.1139	80.8303	MPR-1	1.7 +	2.0	7.8	1.19 -	0.25	4.69 -	1892.	49.	5.
2259	0000	-828	37.1134	80.8303	MPR-1	1.6 +	2.1	7.6	1.28 -	0.27	4.72 -	1833.	47.	5.
2260	0000	-830	37.1130	80.8305	MPR-1	1.6 +	2.1	7.9	1.36 -	0.27	5.02	1798.	46.	4.
2261	0000	-830	37.1125	80.8305	MPR-1	1.5 +	2.0	7.9	1.34 -	0.26	5.23	1754.	47.	3.
2262	0000	-830	37.1120	80.8305	MPR-1	1.5 +	2.0	7.7	1.31 -	0.26	5.14	1729.	49.	2.
2263	0000	-830	37.1116	80.8305	MPR-1	1.4 +	2.1	7.1	1.42	0.29	4.88 -	1711.	50.	2.
2264	0000	-831	37.1111	80.8306	MPR-1	1.4	2.3	6.9	1.69	0.33	5.10	1696.	51.	1.
2265	0000	-832	37.1107	80.8306	MPR-1	1.4 +	2.2	7.2	1.53	0.30	5.08	1719.	49.	0.
2266	0000	-829	37.1102	80.8307	MPR-1	1.5 +	2.1	7.0	1.39 -	0.29	4.77 -	1749.	50.	0.
2267	0000	-829	37.1097	80.8307	MPR-1	1.6 +	2.0	6.5	1.28 -	0.31	4.07 -	1784.	51.	0.
2268	0000	-833	37.1093	80.8307	MPR-1	1.8 +	2.2	6.3	1.26 -	0.35	3.58 -	1859.	50.	1.
2269	0000	-836	37.1088	80.8307	MPR-1	1.9 +	2.2	6.3	1.12 -	0.35	3.21 -	1947.	49.	1.
2270	0000	-836	37.1084	80.8307	MPR-1	2.1 +	2.1	6.5	0.97 -	0.32	3.03 -	2049.	48.	1.
2271	0000	-838	37.1079	80.8308	MPR-2	2.5 -	1.8	6.9 +	0.72	0.26 -	2.78 +	2190.	47.	1.
2272	0000	-840	37.1074	80.8308	MPR-2	2.7	1.8	6.9 +	0.64	0.25 -	2.54 +	2305.	49.	1.
2273	0000	-837	37.1070	80.8309	MPR-2	2.9	1.7 -	7.4 +	0.57	0.22 -	2.55 +	2395.	49.	1.
2274	0000	-833	37.1065	80.8309	MMCC	3.0 ++	1.8	7.9	0.62 --	0.23	2.68 --	2437.	49.	1.
2275	0000	-833	37.1060	80.8309	MMCC	2.9 ++	1.7	7.9	0.59 --	0.22	2.72 --	2408.	52.	1.
2276	0000	-836	37.1056	80.8309	MMCC	2.7 ++	1.9	8.0	0.71 --	0.24	2.93 --	2352.	53.	0.
2277	0000	-836	37.1051	80.8311	MMCC	2.6 ++	2.0	7.8	0.80 -	0.26	3.06 --	2268.	56.	0.
2278	0000	-835	37.1047	80.8311	MMCC	2.3 ++	2.3	7.3	0.99 -	0.31	3.19 --	2151.	56.	0.
2279	0000	-834	37.1042	80.8311	MMCC	2.0 +	2.2	7.3	1.05 -	0.29	3.59 -	2031.	56.	0.
2280	0000	-836	37.1038	80.8311	MMCC	1.8 +	2.2	7.1	1.17 -	0.30	3.85 -	1946.	55.	0.
2281	0000	-837	37.1033	80.8311	MMCC	1.8 +	2.0	6.5	1.10 -	0.30	3.65 -	1882.	55.	0.
2282	0000	-840	37.1028	80.8312	MMCC	1.8 +	2.1	6.6	1.18 -	0.31	3.76 -	1878.	54.	0.
2283	0000	-844	37.1024	80.8312	CR-1	1.8	1.8	6.3	1.00	0.29	3.48	1864.	54.	0.
2284	0000	-844	37.1019	80.8313	CR-1	1.9 +	1.8	6.3	0.97	0.29	3.31 -	1889.	52.	1.
2285	0000	-842	37.1015	80.8313	CR-1	2.0 +	1.7	6.4	0.86 -	0.27	3.17 -	1931.	53.	1.
2286	0000	-842	37.1010	80.8313	CR-1	2.2 +	2.0	6.4	0.91 -	0.31	2.90 -	2041.	54.	1.
2287	0000	-842	37.1006	80.8313	CR-1	2.4 ++	2.0	6.8	0.85 -	0.30	2.87 -	2130.	54.	1.
2288	0000	-841	37.1001	80.8314	CR-2	2.5 --	2.1	7.3	0.81 +	0.28	2.87 ++	2213.	55.	0.
2289	0000	-840	37.0996	80.8314	CR-2	2.6 --	2.0	7.6	0.77 +	0.26	2.91 ++	2250.	54.	0.
2290	0000	-843	37.0992	80.8315	CR-2	2.6 --	2.2	7.2	0.86 ++	0.31	2.78 ++	2262.	53.	1.
2291	0000	-844	37.0987	80.8315	CR-2	2.6 --	2.1	7.4	0.82 +	0.29	2.84 ++	2255.	54.	1.
2292	0000	-845	37.0983	80.8315	CR-2	2.6 --	2.2	7.2	0.84 ++	0.30	2.79 ++	2245.	55.	2.
2293	0000	-844	37.0978	80.8315	CR-2	2.5 --	1.9	7.2	0.76 +	0.26	2.87 ++	2200.	53.	3.
2294	0000	-845	37.0973	80.8315	CR-2	2.5 --	2.0	6.8 -	0.80 +	0.30	2.66 +	2189.	51.	3.
2295	0000	-848	37.0969	80.8316	CR-2	2.5 --	2.2	6.5 -	0.86 ++	0.33 +	2.58 +	2197.	51.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2296	0000	-849	37.0964	80.8316	CR-2	2.6 --	2.0	6.1 -	0.78 +	0.33 +	2.33 +	2244.	50.	4.
2297	0000	-850	37.0960	80.8317	CR-2	2.8 -	1.9	6.6 -	0.68 +	0.28	2.40 +	2311.	50.	5.
2298	0000	-848	37.0955	80.8317	CR-2	2.9 -	2.0	6.6 -	0.68 +	0.30	2.29	2387.	50.	4.
2299	0000	-846	37.0950	80.8318	CR-2	2.9 -	1.9	6.7 -	0.65	0.29	2.26	2453.	51.	3.
2300	0000	-846	37.0946	80.8318	CR-2	3.1 -	2.0	6.8 -	0.67	0.30	2.21	2517.	52.	2.
2301	0000	-847	37.0941	80.8319	CR-2	3.1 -	2.1	7.1	0.69 +	0.30	2.32 +	2564.	53.	2.
2302	0000	-846	37.0937	80.8319	CR-2	3.2 -	2.0	7.2	0.64	0.28	2.25	2615.	55.	2.
2303	0000	-846	37.0932	80.8319	CR-2	3.2 -	2.2	7.6	0.69 +	0.29	2.35 +	2632.	57.	1.
2304	0000	-847	37.0927	80.8319	CR-2	3.2 -	2.3	7.9	0.72 +	0.30	2.43 +	2676.	56.	0.
2305	0000	-850	37.0923	80.8319	CR-2	3.2 -	2.2	7.9	0.67 +	0.27	2.44 +	2672.	55.	1.
2306	0000	-852	37.0918	80.8320	CR-2	3.2 -	2.0	7.9	0.63	0.26	2.49 +	2645.	54.	2.
2307	0000	-851	37.0914	80.8320	CR-2	3.1 -	2.0	7.6	0.64	0.26	2.43 +	2617.	55.	4.
2308	0000	-850	37.0909	80.8321	CR-2	3.1 -	2.0	7.3	0.64	0.27	2.35 +	2594.	53.	5.
2309	0000	-850	37.0904	80.8321	CR-2	3.0 -	1.8	6.9	0.61	0.27	2.31 +	2553.	52.	7.
2310	0000	-852	37.0900	80.8322	CR-2	3.0 -	1.7 -	6.6 -	0.56	0.25	2.24	2524.	55.	8.
2311	0000	-852	37.0895	80.8322	CR-2	2.9 -	1.7	6.3 -	0.57	0.27	2.15	2491.	55.	9.
2312	0000	-851	37.0891	80.8322	CR-2	2.9 -	1.7	6.2 -	0.58	0.27	2.14	2482.	56.	10.
2313	0000	-853	37.0886	80.8322	CR-2	3.0 -	1.6 -	6.4 -	0.55	0.26	2.15	2486.	54.	10.
2314	0000	-856	37.0882	80.8323	CR-2	3.0 -	1.6 -	6.3 -	0.55	0.26	2.12	2451.	56.	9.
2315	0000	-856	37.0877	80.8323	CR-2	2.8 -	1.7 -	5.9 -	0.58	0.28	2.07	2368.	57.	9.
2316	0000	-857	37.0873	80.8323	CR-2	2.7 -	1.6 -	6.3 -	0.61	0.26	2.34 +	2268.	57.	9.
2317	0000	-855	37.0868	80.8324	CR-1	2.5 ++	1.4 -	6.4	0.56 -	0.22	2.59 -	2169.	55.	9.
2318	0000	-853	37.0863	80.8324	CR-1	2.2 +	1.1 -	7.2	0.50 --	0.16 -	3.20 -	2080.	53.	10.
2319	0000	-853	37.0859	80.8324	CR-1	2.0 +	1.0 --	7.7	0.52 --	0.13 --	3.91	1967.	54.	9.
2320	0000	-853	37.0854	80.8324	CR-1	1.7	1.1 -	7.7	0.67 -	0.15 -	4.62	1847.	54.	11.
2321	0000	-852	37.0850	80.8324	CR-1	1.5	0.9 --	8.0	0.62 -	0.11 --	5.46	1761.	51.	12.
2322	0000	-854	37.0845	80.8324	CR-1	1.3	0.9 --	8.4	0.69 -	0.11 --	6.38	1718.	51.	12.
2323	0000	-854	37.0841	80.8324	CR-1	1.2	0.9 --	8.7	0.78 -	0.10 --	7.50	1679.	50.	13.
2324	0000	-852	37.0836	80.8324	CR-1	1.0	1.0 --	8.5	1.01	0.12 --	8.27 +	1634.	51.	13.
2325	0000	-853	37.0832	80.8324	CR-1	1.0	1.2 -	8.0	1.23	0.15 -	8.28 +	1581.	53.	13.
2326	0000	-852	37.0827	80.8324	CR-1	0.9	1.2 -	7.7	1.35	0.16 -	8.44 +	1563.	52.	13.
2327	0000	-850	37.0822	80.8324	CR-1	0.9	1.2 -	7.7	1.30	0.16 -	8.32 +	1552.	51.	11.
2328	0000	-851	37.0818	80.8324	CR-1	0.9	1.5	7.7	1.76	0.20 -	9.00 +	1524.	53.	9.
2329	0000	-856	37.0813	80.8324	CR-1	0.8 -	1.5	7.6	1.95	0.20 -	9.87 +	1481.	52.	8.
2330	0000	-853	37.0809	80.8324	MMCC	0.8	1.7	7.6	2.20	0.22	9.87	1470.	53.	6.
2331	0000	-853	37.0804	80.8324	MMCC	0.8	1.7	8.5	2.27	0.20 -	11.30 +	1470.	54.	4.
2332	0000	-856	37.0800	80.8324	MMCC	0.7	2.0	8.5	2.81	0.24	11.76 +	1490.	55.	2.
2333	0000	-853	37.0795	80.8324	MMCC	0.7	2.3	8.7 +	3.10	0.26	11.86 +	1516.	55.	1.
2334	0000	-851	37.0791	80.8325	MPR-1	0.7	2.4	8.9	3.38	0.27	12.53	1526.	58.	1.
2335	0000	-854	37.0786	80.8325	MPR-1	0.7	2.3	9.0	3.10	0.25	12.35	1550.	59.	0.
2336	0000	-852	37.0782	80.8325	MPR-1	0.7	2.2	9.3	2.90	0.23	12.43	1569.	61.	0.
2337	0000	-854	37.0777	80.8325	MPR-1	0.7	2.3	9.1	3.26	0.25	12.79	1560.	60.	0.
2338	0000	-858	37.0772	80.8325	MPR-1	0.7	2.5	8.2	3.53	0.31	11.52	1544.	60.	0.
2339	0000	-860	37.0768	80.8325	MPR-1	0.7	2.2	8.2	3.16	0.26	11.97	1503.	58.	0.
2340	0000	-860	37.0763	80.8325	MPR-1	0.7	2.0	8.1	2.91	0.24	11.92	1473.	58.	0.
2341	0000	-857	37.0759	80.8325	MPR-1	0.7	1.9	8.1	2.57	0.23	11.06	1498.	57.	1.
2342	0000	-856	37.0754	80.8325	MPR-1	0.8	1.9	8.3	2.34	0.22	10.54	1535.	55.	1.
2343	0000	-859	37.0749	80.8325	MPR-1	0.8	1.9	8.1	2.24	0.23	9.65	1588.	55.	1.
2344	0000	-860	37.0745	80.8325	MPR-1	0.9	1.8	8.4	1.93	0.22	8.85	1660.	55.	2.
2345	0000	-860	37.0740	80.8325	MPR-1	1.0	1.7	8.8	1.66	0.19 -	8.55	1712.	57.	3.
2346	0000	-860	37.0736	80.8325	DCH	1.1	1.8	9.0	1.59	0.20	8.14	1756.	56.	4.

CP 9 LP 12

FLIGHT LINE 880, DAY 295

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2347	0000	-858	37.0732	80.8325	DCH	1.1	1.9	8.9	1.73	0.22	7.92	1781.	56.	6.
2348	0000	-858	37.0727	80.8325	DCH	1.1	1.9	9.2	1.65	0.21	8.02	1787.	56.	7.
2349	0000	-861	37.0722	80.8325	DCH	1.1	1.9	9.1	1.68	0.20	8.22	1771.	59.	9.
2350	0000	-859	37.0718	80.8325	DCH	1.0	2.0	9.2	1.91	0.22	8.80	1735.		9.
2351	0000	-857	37.0713	80.8325	DCH	1.0	1.9	9.0	1.90	0.21	9.23	1692.		9.
2352	0000	-857	37.0709	80.8325	DCH	0.9	2.1	8.8	2.28	0.23	9.75	1683.	57.	9.
2353	0000	-858	37.0704	80.8325	DCH	0.9	2.0	8.8	2.21	0.22	9.86	1678.	58.	9.
2354	0000	-859	37.0700	80.8325	DCH	0.9	1.9	9.1	2.12	0.21	10.22	1670.	59.	7.
2355	0000	-860	37.0695	80.8325	DCH	0.9	2.2	8.7	2.55	0.25	10.15	1670.	60.	6.
2356	0000	-860	37.0690	80.8326	DCH	0.9	2.5	8.4	2.91	0.30	9.79	1678.	60.	4.
2357	0000	-858	37.0686	80.8326	DCH	0.9	2.3	8.4	2.56	0.28	9.19	1694.	60.	4.
2358	0000	-857	37.0681	80.8326	DCH	1.0	2.2	8.8	2.24	0.25	8.79	1725.	61.	3.
2359	0000	-858	37.0677	80.8326	DCH	1.1	1.9	9.1	1.78	0.21	8.66	1710.	61.	4.
2360	0000	-859	37.0672	80.8326	DCH	1.1	1.8	8.8	1.70	0.20	8.36	1712.	62.	5.
2361	0000	-857	37.0667	80.8326	DB-2	1.1	1.8	8.9	1.65	0.20	8.07	1744.	63.	6.
2362	0000	-859	37.0663	80.8326	DB-2	1.2	1.5 -	8.9	1.29	0.17 -	7.65	1764.	61.	9.
2363	0000	-862	37.0659	80.8326	DB-2	1.2	1.3 -	9.4	1.06 -	0.14 --	7.87	1789.	62.	10.
2364	0000	-860	37.0654	80.8326	DB-2	1.3	1.1 --	9.7 +	0.85 --	0.11 ---	7.73	1829.	62.	11.
2365	0000	-859	37.0649	80.8326	DB-2	1.2	1.2 -	9.6	0.99 -	0.13 --	7.88	1841.	62.	12.
2366	0000	-859	37.0645	80.8326	DB-2	1.2	1.4 -	9.6	1.19 -	0.15 --	7.92	1875.	64.	12.
2367	0000	-857	37.0640	80.8326	DB-2	1.2	1.5 -	9.6	1.25 -	0.16 -	7.95	1906.	62.	11.
2368	0000	-860	37.0636	80.8326	DB-2	1.2	1.4 -	9.6	1.15 -	0.15 --	7.78	1913.	58.	12.
2369	0000	-862	37.0631	80.8326	DB-2	1.2	1.7	9.9 +	1.46	0.17 -	8.55	1898.	59.	10.
2370	0000	-857	37.0627	80.8326	DB-2	1.1	1.8	9.9 +	1.66	0.18 -	9.12	1874.	58.	9.
2371	0000	-859	37.0622	80.8326	DB-2	1.0	2.2	9.9 +	2.06	0.22	9.46	1847.	57.	7.
2372	0000	-862	37.0617	80.8326	DB-2	1.1	2.1	9.7 +	1.94	0.21	9.11	1813.	57.	7.
2373	0000	-858	37.0613	80.8326	DB-2	1.0	2.0	9.6	2.01	0.21	9.58 +	1782.	55.	7.
2374	0000	-857	37.0608	80.8326	DB-2	1.0	2.1	9.6	2.13	0.22	9.65 +	1738.	56.	6.
2375	0000	-856	37.0604	80.8326	DB-2	0.9	2.4	9.3	2.55	0.25	10.10 +	1686.	56.	4.
2376	0000	-858	37.0599	80.8326	DB-2	0.9	2.3	8.7	2.42	0.26	9.30	1659.	57.	4.
2377	0000	-861	37.0595	80.8326	DB-2	0.9	2.2	8.2	2.49	0.27	9.17	1629.	59.	4.
2378	0000	-860	37.0591	80.8326	DB-2	0.9	2.0	8.3	2.34	0.25	9.51	1595.	60.	4.
2379	0000	-859	37.0586	80.8326	DB-2	0.8	2.3	8.4	2.76 +	0.27	10.12 +	1594.	58.	4.
2380	0000	-859	37.0581	80.8326	DB-2	0.9	2.4	8.4	2.84 +	0.29	9.79 +	1611.	55.	3.
2381	0000	-857	37.0577	80.8326	DB-2	0.8	2.6	8.4	3.07 +	0.30	10.16 +	1617.	55.	3.
2382	0000	-859	37.0572	80.8326	DB-2	0.8	2.5	8.9	2.99 +	0.28	10.65 +	1629.	56.	3.
2383	0000	-863	37.0567	80.8326	DB-2	0.8	2.6	9.5	3.14 +	0.27	11.52 +	1642.	54.	3.
2384	0000	-861	37.0563	80.8326	DB-2	0.9	2.5	9.6	2.92 +	0.26	11.27 +	1651.	52.	3.
2385	0000	-860	37.0558	80.8326	DB-2	0.8	2.7 +	9.2	3.27 +	0.29	11.11 +	1645.	52.	3.
2386	0000	-865	37.0554	80.8326	DB-2	0.8	2.7 +	9.0	3.33 +	0.30	11.12 +	1628.	55.	2.
2387	0000	-864	37.0549	80.8327	DB-2	0.8	2.6	9.3	3.13 +	0.28	11.33 +	1614.	57.	1.
2388	0000	-862	37.0545	80.8327	DB-2	0.8 -	2.5	9.1	3.23 +	0.27	11.80 +	1576.	54.	1.
2389	0000	-862	37.0540	80.8327	DB-2	0.7 -	2.5	8.7	3.53 +	0.29	12.27 +	1543.	54.	1.
2390	0000	-860	37.0535	80.8327	DB-2	0.7 -	2.4	8.2	3.60 +	0.29	12.39 +	1483.	53.	1.
2391	0000	-861	37.0531	80.8327	DB-2	0.6 -	2.3	8.1	3.65 +	0.28	13.09 ++	1449.	54.	1.
2392	0000	-866	37.0526	80.8327	DB-2	0.6 -	2.1	8.0	3.41 +	0.26	12.98 ++	1423.	55.	1.
2393	0000	-864	37.0522	80.8327	DB-2	0.6 -	1.9	7.6	3.28 +	0.25	12.97 ++	1387.	52.	2.
2394	0000	-860	37.0517	80.8327	DB-2	0.5 -	2.0	7.1	4.19 ++	0.29	14.56 ++	1346.	51.	3.
2395	0000	-862	37.0513	80.8327	DB-2	0.5 -	1.9	7.2	3.85 +	0.26	14.87 ++	1346.	51.	5.
2396	0000	-860	37.0508	80.8327	DB-2	0.5 -	1.8	6.9	3.56 +	0.26	13.58 ++	1344.	52.	7.
2397	0000	-859	37.0504	80.8327	DB-2	0.5 -	1.7	7.6	3.14 +	0.22	14.39 ++	1389.	54.	9.

CP 9 LP 12

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2398	0000	-859	37.0499	80.8327	DB-2	0.5 -	1.7	7.6	3.14 +	0.22	14.36 ++	1428.	53.	11.
2399	0000	-860	37.0495	80.8327	DB-2	0.5 -	1.7	8.0	3.14 +	0.21	15.28 ++	1464.	51.	13.
2400	0000	-861	37.0490	80.8327	DB-2	0.5 -	1.7	8.6	3.39 +	0.20	17.08 +++	1493.	51.	13.
2401	0000	-860	37.0486	80.8327	DB-2	0.6 -	1.4 -	8.7	2.50	0.16 -	15.67 ++	1490.	52.	14.
2402	0000	-860	37.0481	80.8327	DB-2	0.6 -	1.6 -	8.7	2.91 +	0.19 -	15.73 ++	1492.	52.	14.
2403	0000	-861	37.0476	80.8327	DB-2	0.6 -	1.5 -	9.5	2.62	0.16 -	16.59 ++	1501.	50.	13.
2404	0000	-860	37.0472	80.8328	DB-2	0.5 -	1.7	9.2	3.16 +	0.19 -	17.05 +++	1482.	50.	11.
2405	0000	-861	37.0467	80.8328	DB-2	0.6 -	2.1	9.2	3.82 +	0.23	16.64 ++	1484.	50.	9.
2406	0000	-861	37.0462	80.8328	DB-2	0.6 -	2.4	9.5	4.31 ++	0.25	17.18 +++	1516.	54.	6.
2407	0000	-858	37.0458	80.8328	DB-2	0.6 -	2.5	9.4	4.05 ++	0.26	15.50 ++	1562.	54.	5.
2408	0000	-858	37.0453	80.8328	DB-2	0.6 -	2.7	10.0 +	4.33 ++	0.27	16.24 ++	1627.	55.	3.
2409	0000	-859	37.0449	80.8329	DB-2	0.7 -	2.5	10.4 +	3.81 +	0.24	15.83 ++	1673.	57.	3.
2410	0000	-860	37.0445	80.8329	DB-2	0.7 -	2.7 +	9.9 +	4.05 ++	0.27	15.00 ++	1680.	59.	2.
2411	0000	-863	37.0440	80.8329	DB-2	0.7 -	2.7 +	9.7 +	3.98 ++	0.28	14.12 ++	1677.	56.	2.
2412	0000	-862	37.0435	80.8329	DB-2	0.7 -	2.4	9.4	3.42 +	0.25	13.68 ++	1638.	55.	2.
2413	0000	-858	37.0431	80.8329	DB-2	0.7 -	2.0	8.8	2.73 +	0.23	12.07 +	1549.	53.	3.
2414	0000	-862	37.0426	80.8329	DB-2	0.7 -	1.7	8.2	2.37	0.20	11.69 +	1453.	50.	4.
2415	0000	-864	37.0422	80.8329	DB-2	0.7 -	1.7	7.3	2.45	0.23	10.53 +	1368.	51.	4.
2416	0000	-859	37.0417	80.8329	DB-2	0.7 -	1.8	6.6 -	2.74 +	0.28	9.77 +	1301.	50.	4.
2417	0000	-859	37.0412	80.8329	DCH	0.7	1.6	6.3	2.33	0.25	9.23	1277.	49.	5.
2418	0000	-860	37.0408	80.8329	DCH	0.7	1.5	5.9	2.10	0.25	8.28	1271.	51.	5.
2419	0000	-856	37.0403	80.8329	DCH	0.8	1.4 -	6.3	1.82	0.22	8.33	1301.	52.	6.
2420	0000	-857	37.0399	80.8329	DCH	0.8	1.4	6.1	1.86	0.23	8.01	1332.	54.	7.
2421	0000	-861	37.0394	80.8329	DCH	0.8	1.5	6.3	1.95	0.24	8.07	1360.	56.	6.
2422	0000	-862	37.0389	80.8329	DCH	0.8	1.6	6.4	2.06	0.24	8.44	1351.	57.	6.
2423	0000	-861	37.0385	80.8329	DCH	0.7	1.5	6.4	1.98	0.23	8.63	1341.	56.	6.
2424	0000	-860	37.0381	80.8329	DCH	0.7	1.5	6.4	2.08	0.24	8.70	1318.	55.	6.
2425	0000	-860	37.0376	80.8329	DCH	0.7	1.5	6.4	2.17	0.23	9.53	1289.	57.	6.
2426	0000	-859	37.0372	80.8329	DCH	0.6	1.5	5.9	2.39	0.25	9.47	1215.	56.	5.
2427	0000	-856	37.0367	80.8329	DCH	0.6 -	1.4 -	6.1	2.39	0.23	10.54	1164.	55.	5.
2428	0000	-857	37.0363	80.8329	DCH	0.6 -	1.4 -	5.8	2.45	0.23	10.41	1135.	54.	5.
2429	0000	-861	37.0358	80.8329	DCH	0.6	1.1 -	5.7	1.82	0.20	9.14	1146.	54.	5.
2430	0000	-861	37.0353	80.8329	DCH	0.6	1.2 -	5.9	1.81	0.20	9.07	1183.	54.	5.
2431	0000	-859	37.0349	80.8329	DCH	0.7	1.3 -	6.3	1.74	0.20	8.64	1240.	55.	4.
2432	0000	-860	37.0344	80.8329	DCH	0.9	1.2 -	6.8	1.31 -	0.17 -	7.52	1314.	55.	4.
2433	0000	-859	37.0340	80.8329	DCH	1.0	1.3 -	6.8	1.32 -	0.19 -	6.86	1393.	57.	4.
2434	0000	-856	37.0335	80.8329	DCH	1.1	1.5	6.9	1.43 -	0.22	6.51	1464.	56.	4.
2435	0000	-857	37.0331	80.8329	MPR-1	1.1	1.7	7.1	1.54	0.24	6.43	1510.	56.	3.
2436	0000	-858	37.0326	80.8329	MPR-1	1.1	1.9	7.2	1.74	0.26	6.76	1525.	53.	2.
2437	0000	-858	37.0321	80.8329	MPR-1	1.1	1.9	7.2	1.75	0.26	6.65	1526.	53.	2.
2438	0000	-858	37.0317	80.8329	MPR-1	1.0	1.8	7.3	1.77	0.25	7.05	1502.	50.	3.
2439	0000	-855	37.0313	80.8329	MPR-1	0.9	2.0	7.2	2.17	0.28	7.81	1449.	51.	2.
2440	0000	-853	37.0309	80.8329	MPR-1	0.9	2.0	6.9	2.20	0.28	7.76	1407.	46.	2.
2441	0000	-857	37.0305	80.8329	MPR-1	0.8	1.9	6.7	2.24	0.28	8.04	1349.	47.	3.
2442	0000	-858	37.0301	80.8329	MPR-1	0.8	1.7	6.5	2.17	0.26	8.49	1293.	47.	5.
2443	0000	-857	37.0298	80.8329	MPR-1	0.7	1.5	6.3	2.09	0.24	8.55	1231.	48.	6.
2444	0000	-858	37.0294	80.8330	MPR-1	0.7	1.3 -	6.0	1.91	0.22	8.67	1157.	50.	7.
2445	0000	-859	37.0290	80.8330	MPR-1	0.6	1.3 -	5.2	1.93	0.24	8.08	1084.	51.	7.
2446	0000	-855	37.0287	80.8330	MPR-1	0.6	1.2 -	4.9	2.04	0.25	8.25	1049.	49.	8.
2447	0000	-854	37.0283	80.8330	MPR-1	0.5 -	1.2 -	5.2	2.35	0.23	10.18	1038.	53.	7.
2448	0000	-856	37.0279	80.8330	MPR-1	0.5 -	1.2 -	5.5	2.42	0.23	10.65	1065.	53.	6.

VALUES AND STATISTICAL SIGNIFICANCES

CP9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2449	0000	-857	37.0276	80.8330	MPR-1	0.5 -	1.4	5.9	2.63	0.23	11.46	1071.	52.	5.
2450	0000	-857	37.0272	80.8330	MPR-1	0.5	1.4	6.0	2.55	0.23	11.01	1092.	52.	4.
2451	0000	-856	37.0268	80.8329	MPR-1	0.5	1.6	5.9	2.87	0.27	10.75	1109.	51.	4.
2452	0000	-855	37.0265	80.8329	MPR-1	0.5 -	1.7	6.4	3.24	0.26	12.24	1162.	52.	2.
2453	0000	-856	37.0261	80.8329	MPR-1	0.5	1.6	6.5	3.02	0.25	12.20	1196.	53.	3.
2454	0000	-855	37.0257	80.8329	MPR-1	0.6	1.7	7.0	2.87	0.24	12.00	1225.	51.	2.
2455	0000	-857	37.0254	80.8329	MPR-1	0.6	1.7	7.4	2.87	0.23	12.33	1254.	51.	2.
2456	0000	-857	37.0250	80.8329	MPR-1	0.7	1.7	7.5	2.68	0.23	11.50	1292.	50.	2.
2457	0000	-853	37.0247	80.8329	MPR-1	0.6	2.0	7.8	3.07	0.25	12.23	1338.	51.	1.
2458	0000	-856	37.0243	80.8329	MPR-1	0.7	2.0	8.1	3.02	0.24	12.41	1391.	51.	1.
2459	0000	-858	37.0239	80.8329	MPR-1	0.7	2.0	8.1	2.74	0.24	11.43	1416.	51.	2.
2460	0000	-851	37.0236	80.8329	MPR-1	0.7	1.9	8.3	2.58	0.22	11.54	1426.	54.	2.
2461	0000	-850	37.0232	80.8329	MPR-1	0.7	1.7	8.2	2.46	0.21	11.65	1416.	52.	3.
2462	0000	-857	37.0228	80.8329	MPR-1	0.7	1.9	7.8	2.79	0.24	11.44	1402.	53.	2.
2463	0000	-857	37.0225	80.8328	MPR-1	0.6	2.0	8.2	3.07	0.24	12.89	1428.	55.	2.
2464	0000	-853	37.0221	80.8328	MPR-1	0.6	2.0	8.1	3.04	0.24	12.60	1443.	55.	2.
2465	0000	-852	37.0217	80.8328	MPR-1	0.7	2.0	8.5	3.03	0.24	12.83	1461.	56.	2.
2466	0000	-855	37.0214	80.8328	MPR-1	0.6	2.2	8.6	3.66 +	0.26	14.08 +	1466.	55.	2.
2467	0000	-854	37.0210	80.8328	MPR-1	0.6	2.4	8.6	3.99 +	0.28	14.32 +	1473.	54.	1.
2468	0000	-852	37.0206	80.8328	MPR-1	0.6	2.7	8.1	4.77 +	0.33	14.54 +	1461.	56.	0.
2469	0000	-851	37.0203	80.8328	MPR-1	0.5 -	2.5	8.2	4.75 +	0.31	15.55 +	1430.	58.	0.
2470	0000	-854	37.0199	80.8328	MPR-1	0.5 -	2.5	7.7	4.90 +	0.32	15.33 +	1379.	57.	0.
2471	0000	-856	37.0195	80.8328	MPR-1	0.5 -	2.6	7.6	5.68 +	0.34	16.75 +	1340.	58.	0.
2472	0000	-851	37.0191	80.8328	MPR-1	0.4 -	2.3	7.3	5.31 +	0.32	16.59 +	1300.	58.	0.
2473	0000	-850	37.0188	80.8328	MPR-1	0.5 -	2.0	7.4	4.15 +	0.27	15.49 +	1275.	59.	0.
2474	0000	-852	37.0185	80.8328	MPR-1	0.5 -	1.9	7.3	4.01 +	0.27	15.12 +	1258.	61.	0.
2475	0000	-851	37.0181	80.8327	MPR-1	0.6	1.7	7.7	3.10	0.22	13.78	1295.	60.	0.
2476	0000	-852	37.0177	80.8327	MPR-1	0.6	1.8	8.0	2.79	0.23	12.41	1377.	59.	1.
2477	0000	-853	37.0174	80.8327	MPR-1	0.8	1.9	8.3	2.46	0.23	10.76	1471.	59.	1.
2478	0000	-851	37.0170	80.8327	MPR-1	0.9	1.8	8.8	2.02	0.21	9.69	1562.	59.	1.
2479	0000	-850	37.0166	80.8327	MPR-1	0.9	2.3	9.0	2.48	0.26	9.68	1629.	59.	2.
2480	0000	-852	37.0163	80.8327	MPR-1	1.0	2.4	8.9	2.44	0.27	8.86	1700.	58.	3.
2481	0000	-851	37.0159	80.8327	MPR-1	1.0	2.5	8.9	2.40	0.28	8.61	1755.	56.	4.
2482	0000	-849	37.0155	80.8327	MPR-1	1.0	2.4	8.9	2.36	0.27	8.61	1759.	58.	5.
2483	0000	-850	37.0151	80.8327	MPR-1	1.0	2.2	8.9	2.17	0.25	8.66	1748.	58.	6.
2484	0000	-850	37.0148	80.8327	MPR-1	1.0	2.1	8.6	2.21	0.25	8.85	1736.	56.	8.
2485	0000	-847	37.0144	80.8327	MPR-1	0.9	1.9	8.6	1.99	0.22	9.16	1734.	54.	9.
2486	0000	-848	37.0140	80.8327	MPR-1	0.9	1.8	8.7	1.89	0.20	9.23	1733.	54.	10.
2487	0000	-851	37.0137	80.8327	MPR-1	0.9	1.8	8.7	1.93	0.20 -	9.52	1714.	55.	10.
2488	0000	-845	37.0134	80.8327	MPR-1	0.9	1.7	8.8	1.93	0.19 -	9.98	1701.	55.	11.
2489	0000	-841	37.0129	80.8327	MPR-1	0.9	1.9	8.5	2.12	0.22	9.71	1695.	55.	11.
2490	0000	-845	37.0126	80.8327	MPR-1	0.9	2.0	8.1	2.31	0.25	9.22	1658.	56.	10.
2491	0000	-847	37.0122	80.8327	MPR-1	0.8	1.9	7.8	2.19	0.24	9.22	1602.	58.	11.
2492	0000	-844	37.0119	80.8327	DCH	0.8	2.0	7.6	2.60	0.26	9.91	1520.	57.	10.
2493	0000	-846	37.0115	80.8327	DCH	0.7	1.8	7.2	2.65	0.25	10.46	1426.	57.	9.
2494	0000	-845	37.0111	80.8327	DCH	0.6	1.9	6.7	3.16	0.28	11.27	1344.	57.	8.
2495	0000	-843	37.0108	80.8327	DCH	0.6	1.8	6.5	2.97	0.27	11.06	1292.	56.	7.
2496	0000	-847	37.0104	80.8327	DCH	0.6 -	1.7	6.7	2.97	0.25	11.68	1270.	53.	6.
2497	0000	-849	37.0100	80.8327	DCH	0.5 -	1.6	7.3	2.92	0.22	13.24 +	1281.	51.	5.
2498	0000	-846	37.0097	80.8326	DCH	0.6 -	1.8	7.3	3.08	0.24	12.86 +	1303.	53.	3.
2499	0000	-844	37.0093	80.8326	DCH	0.7	1.8	6.9	2.74	0.26	10.63	1345.	56.	2.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 880, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2500	0000	-843	37.0089	80.8326		DCH	0.7	1.8	7.4	2.37	0.24	10.04	1409.	58.	2.
2501	0000	-848	37.0086	80.8326		DCH	0.8	1.7	8.3	2.13	0.21	10.28	1476.	58.	1.
2502	0000	-847	37.0082	80.8326		DCH	0.9	1.9	8.5	2.22	0.23	9.76	1529.	61.	0.
2503	0000	-840	37.0078	80.8326		DCH	0.9	2.0	8.8	2.08	0.22	9.30	1585.	63.	0.
2504	0000	-844	37.0075	80.8326		DCH	1.0	2.2	8.4	2.30	0.26	8.78	1603.	66.	0.
2505	0000	-848	37.0071	80.8326		DCH	1.0	2.3	8.7	2.28	0.26	8.75	1619.	63.	0.
2506	0000	-844	37.0067	80.8326		DCH	1.0	2.2	8.9	2.27	0.25	9.08	1615.	63.	0.
2507	0000	-840	37.0064	80.8326		DCH	1.0	2.2	8.6	2.19	0.25	8.64	1608.	61.	0.
2508	0000	-843	37.0060	80.8326		DCH	1.0	2.2	8.0	2.12	0.27	7.85	1575.	62.	1.
2509	0000	-844	37.0057	80.8326		DCH	1.0	2.1	7.7	2.11	0.27	7.93	1513.	61.	2.
2510	0000	-841	37.0053	80.8326		DCH	0.9	2.0	6.8	2.24	0.29	7.73	1420.	60.	2.
2511	0000	-837	37.0049	80.8326		DH	0.8	1.7	6.4 +	2.02	0.27	7.56	1329.	58.	3.
2512	0000	-838	37.0046	80.8326		DH	0.7	1.5	5.7	2.01	0.26	7.64	1213.	59.	4.
2513	0000	-842	37.0042	80.8326		DH	0.7	1.5	5.2	2.23	0.28	7.90	1122.	58.	4.
2514	0000	-842	37.0038	80.8326		DH	0.6	1.5	4.8	2.70	0.32	8.53	1042.	58.	4.
2515	0000	-842	37.0035	80.8326		DH	0.5	1.7	4.4	3.65 +	0.38 +	9.54	979.	57.	3.
2516	0000	-843	37.0031	80.8326		DH	0.4	1.8	4.1	4.29 +	0.43 ++	10.01 +	934.	54.	3.
2517	0000	-840	37.0027	80.8326		DH	0.4 -	1.7	4.3	4.51 +	0.41 +	11.13 +	886.	54.	2.
2518	0000	-839	37.0024	80.8326		DH	0.3 -	1.8	4.1	5.53 ++	0.43 ++	12.79 ++	842.	52.	1.
2519	0000	-842	37.0020	80.8326		DH	0.3 -	1.8	4.1	5.53 ++	0.43 ++	12.79 ++	842.	52.	1.
2520	0000	-842	37.0016	80.8326		DH	0.3 -	1.8	4.1	5.53 ++	0.43 ++	12.79 ++	842.	52.	1.
2521	0000	-842	37.0013	80.8326		DH	0.3 -	1.8	4.1	5.53 ++	0.43 ++	12.79 ++	842.	52.	1.

VALUES AND STATISTICAL SIGNIFICANCES

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900; DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-747	37.9990	80.5140	MBF-2	0.8 -	0.9 --	6.0 -	1.13 -	0.14 -	7.88	1415.	54.	21.
2	0000	-746	37.9985	80.5140	MBF-2	0.8 -	0.9 --	6.0 -	1.13 -	0.14 -	7.88	1415.	54.	21.
3	0000	-747	37.9979	80.5141	MBF-2	0.8 -	0.9 --	6.0 -	1.13 -	0.14 -	7.88	1415.	54.	21.
4	0000	-748	37.9974	80.5141	MBF-2	0.8 -	0.9 --	6.0 -	1.13 -	0.14 -	7.88	1415.	54.	21.
5	0000	-746	37.9970	80.5142	MBF-2	0.8 -	0.7 --	6.2	0.97 -	0.12 --	8.17 +	1415.	56.	21.
6	0000	-746	37.9965	80.5142	MBF-2	0.8 -	0.6 --	6.3	0.80 --	0.10 --	8.15 +	1429.	54.	21.
7	0000	-748	37.9959	80.5143	MBF-2	0.7 -	1.0 -	6.0	1.36	0.16 -	8.34 +	1434.	55.	21.
8	0000	-747	37.9954	80.5143	MBF-2	0.7 -	1.1 -	5.9 -	1.53	0.18 -	8.55 +	1439.	54.	20.
9	0000	-747	37.9950	80.5144	MBF-2	0.6 -	1.2 -	6.1	1.96	0.20	9.65 ++	1435.	56.	20.
10	0000	-747	37.9945	80.5144	MBF-2	0.6 -	1.2 -	6.0	1.90	0.20	9.52 ++	1433.	57.	19.
11	0000	-746	37.9939	80.5145	MBF-2	0.6 -	1.4 -	6.0	2.25	0.23	9.94 ++	1417.	57.	18.
12	0000	-746	37.993	80.5145	MBF-1	0.6 +	1.3	5.9 +	2.27 -	0.23 -	9.93	1402.	56.	18.
13	0000	-746	37.993	80.5145	MBF-1	0.6 +	1.6	5.8 +	2.78	0.27	10.42	1384.	57.	17.
14	0000	-746	37.9924	80.5145	MBF-1	0.6 +	1.3	5.7 +	2.25 -	0.23 -	9.73	1374.	53.	17.
15	0000	-747	37.9919	80.5146	MBF-2	0.6 -	1.3 -	6.0 -	1.98	0.21	9.39 +	1392.	52.	17.
16	0000	-746	37.9915	80.5146	MBF-2	0.7 -	1.0 -	6.1	1.44	0.17 -	8.51 +	1396.	51.	17.
17	0000	-746	37.9909	80.5147	MBF-2	0.7 -	1.0 -	6.2	1.39	0.16 -	8.64 +	1417.	49.	17.
18	0000	-746	37.9904	80.5147	MBF-2	0.7 -	1.0 -	6.4	1.30	0.15 -	8.60 +	1413.	50.	17.
19	0000	-746	37.9900	80.5147	MBF-2	0.8 -	1.2 -	6.4	1.59	0.19 -	8.51 +	1429.	49.	15.
20	0000	-746	37.9895	80.5147	MBF-2	0.8 -	1.2 -	6.5	1.56	0.19 -	8.34 +	1443.	49.	15.
21	0000	-746	37.9889	80.5148	MBF-2	0.8	1.5	6.7	1.75	0.22	8.05	1477.	50.	14.
22	0000	-747	37.9884	80.5148	MBF-2	0.8	1.6	6.9	1.87	0.23	8.21 +	1536.	49.	14.
23	0000	-748	37.9880	80.5149	MBF-2	0.8	1.8	7.1	2.16	0.25	8.58 +	1585.	50.	12.
24	0000	-747	37.9875	80.5150	MBF-2	0.8 -	2.2	7.1	2.66 +	0.31	8.63 +	1590.	50.	11.
25	0000	-748	37.9869	80.5150	MBF-2	0.8 -	2.3	6.7	2.84 +	0.34 +	8.28 +	1591.	51.	11.
26	0000	-749	37.9864	80.5150	MBF-2	0.9	2.1	6.6	2.42 +	0.31	7.72	1578.	51.	12.
27	0000	-749	37.9860	80.5150	MBF-2	0.8	2.0	6.6	2.36	0.30	7.77	1579.	52.	11.
28	0000	-748	37.9854	80.5151	MBF-2	0.8	1.9	6.7	2.31	0.29	8.11 +	1568.	53.	11.
29	0000	-748	37.9849	80.5152	MBF-2	0.8	1.8	6.8	2.15	0.27	8.02	1518.	54.	11.
30	0000	-748	37.9845	80.5152	MBF-2	0.8 -	1.7	6.6	2.11	0.26	8.03	1486.	53.	12.
31	0000	-749	37.9839	80.5152	MBF-2	0.8 -	1.7	6.9	2.13	0.25	8.61 +	1500.	54.	12.
32	0000	-749	37.9834	80.5153	MBF-2	0.9	1.6	7.1	1.86	0.23	8.06	1548.	52.	11.
33	0000	-748	37.9829	80.5153	MBF-2	0.9	1.9	7.3	2.13	0.26	8.24 +	1569.	54.	10.
34	0000	-750	37.9825	80.5154	MBF-2	0.9	2.0	7.4	2.12	0.27	7.82	1603.	53.	10.
35	0000	-750	37.9819	80.5154	MBF-2	0.9	2.0	7.0	2.16	0.29	7.51	1622.	52.	9.
36	0000	-747	37.9814	80.5154	MBF-2	1.0	2.1	6.9	2.13	0.30	7.04	1664.	51.	8.
37	0000	-747	37.9810	80.5154	MBF-2	1.0	2.2	7.1	2.10	0.31	6.75	1718.	51.	8.
38	0000	-747	37.9804	80.5155	MBF-2	1.1	1.9	7.5	1.73	0.26	6.61	1773.	50.	8.
39	0000	-748	37.9799	80.5155	MBF-2	1.1	2.3	7.3	2.00	0.31	6.49	1823.	52.	9.
40	0000	-749	37.9794	80.5156	MBF-2	1.2	2.2	7.7	1.85	0.28	6.61	1881.	50.	9.
41	0000	-750	37.9790	80.5156	MBF-2	1.2	2.1	7.9	1.73	0.27	6.44	1924.	51.	10.
42	0000	-750	37.9784	80.5157	MBF-2	1.3	2.3	8.2	1.84	0.28	6.57	1965.	51.	11.
43	0000	-751	37.9779	80.5157	MBF-2	1.2	2.3	8.6	1.88	0.26	7.12	1944.	54.	10.
44	0000	-750	37.9775	80.5158	MBF-2	1.1	2.4	8.4	2.11	0.29	7.38	1916.	54.	10.
45	0000	-750	37.9770	80.5158	MBF-2	1.1	2.4 +	8.2	2.25	0.29	7.65	1867.	56.	10.
46	0000	-750	37.9764	80.5159	MBF-2	1.0	2.2	8.5	2.17	0.26	8.24 +	1821.	57.	9.
47	0000	-751	37.9759	80.5159	MBF-2	1.0	2.3	8.1	2.36	0.29	8.23 +	1786.	56.	8.
48	0000	-752	37.9755	80.5159	MBF-2	0.9	2.4 +	8.1	2.69 +	0.30	8.96 +	1752.	56.	7.
49	0000	-750	37.9749	80.5160	MBF-2	0.9	2.4	8.1	2.74 +	0.29	9.30 +	1713.	58.	7.
50	0000	-749	37.9744	80.5160	MBF-2	0.9	2.5 +	8.0	2.77 +	0.31	8.93 +	1712.	57.	7.
51	0000	-751	37.9739	80.5161	MBF-2	0.9	2.3	8.1	2.54 +	0.28	9.07 +	1707.	57.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-751	37.9734	80.5161	MBF-2	0.9	2.3	8.0	2.59 +	0.29	8.96 +	1708.	55.	9.
53	0000	-750	37.9729	80.5162	MBF-2	0.9	2.2	8.0	2.40 +	0.27	8.86 +	1700.	54.	11.
54	0000	-751	37.9724	80.5162	MBF-2	0.9	2.0	7.6	2.27	0.27	8.44 +	1685.	55.	13.
55	0000	-751	37.9720	80.5163	MBF-2	0.9	2.0	7.7	2.19	0.25	8.66 +	1703.	53.	15.
56	0000	-750	37.9714	80.5163	MBF-2	1.0	1.5	7.4	1.53	0.20	7.56	1714.	53.	17.
57	0000	-751	37.9709	80.5163	MBF-2	1.0	1.5	7.0	1.48	0.21	6.95	1742.	53.	19.
58	0000	-753	37.9704	80.5163	MBF-2	1.1	1.3 -	7.2	1.25 -	0.19 -	6.74	1778.	53.	20.
59	0000	-753	37.9699	80.5164	MBF-2	1.1	1.4 -	7.3	1.19 -	0.19 -	6.37	1828.	53.	19.
60	0000	-754	37.9694	80.5164	MBF-2	1.2	1.7	7.4	1.45	0.23	6.34	1867.	53.	18.
61	0000	-753	37.9689	80.5165	MBF-2	1.2	1.9	7.8	1.54	0.24	6.45	1914.	52.	16.
62	0000	-752	37.9685	80.5165	MBF-2	1.2	2.1	7.5	1.70	0.28	6.01	1927.	54.	14.
63	0000	-752	37.9679	80.5166	MBF-2	1.2	2.7 +	8.1	2.22	0.33	6.71	1948.	53.	11.
64	0000	-754	37.9674	80.5166	MBF-2	1.2	2.5 +	8.4	2.15	0.30	7.20	1937.	53.	10.
65	0000	-754	37.9669	80.5166	MBF-2	1.1	2.9 +	8.2	2.59 +	0.35 +	7.43	1908.	54.	9.
66	0000	-753	37.9665	80.5166	MBF-2	1.1	2.8 +	8.4	2.62 +	0.33	7.92	1870.	55.	9.
67	0000	-755	37.9659	80.5167	MBF-2	1.1	2.7 +	8.2	2.53 +	0.33	7.77	1841.	55.	9.
68	0000	-756	37.9654	80.5167	MBF-2	1.0	2.6 +	8.3	2.57 +	0.32	8.15 +	1818.	53.	9.
69	0000	-754	37.9650	80.5168	MBF-2	1.1	2.4	8.8 +	2.29	0.27	8.39 +	1793.	53.	9.
70	0000	-755	37.9644	80.5169	MBF-2	1.1	2.2	8.5	2.11	0.26	8.07 +	1778.	51.	9.
71	0000	-757	37.9639	80.5169	MBF-2	1.1	2.4 +	8.3	2.27	0.29	7.78	1782.	50.	9.
72	0000	-756	37.9634	80.5170	MBF-2	1.1	2.5 +	8.3	2.27	0.30	7.65	1779.	50.	9.
73	0000	-756	37.9629	80.5170	MBF-2	1.1	2.4	7.9	2.06	0.30	6.87	1767.	51.	9.
74	0000	-757	37.9624	80.5170	MBF-2	1.1	2.5 +	7.9	2.24	0.31	7.14	1770.	50.	10.
75	0000	-755	37.9619	80.5170	MBF-2	1.1	2.2	7.7	2.05	0.29	7.09	1761.	51.	11.
76	0000	-756	37.9614	80.5171	MBF-2	1.0	2.1	7.3	2.00	0.29	7.03	1739.	52.	12.
77	0000	-757	37.9609	80.5171	MBF-2	1.0	1.9	7.4	1.88	0.26	7.31	1733.	52.	14.
78	0000	-756	37.9604	80.5172	MBF-2	1.0	1.7	7.3	1.66	0.23	7.30	1703.	51.	16.
79	0000	-757	37.9599	80.5172	MBF-2	1.0	1.3 -	7.0	1.30	0.19 -	6.85	1701.	52.	18.
80	0000	-759	37.9595	80.5173	MBF-2	1.0	1.3 -	7.5	1.32	0.17 -	7.60	1713.	50.	18.
81	0000	-757	37.9589	80.5173	MBF-2	1.0	1.0 -	7.8	0.95 -	0.12 --	7.75	1713.	50.	19.
82	0000	-755	37.9584	80.5173	MBF-2	1.0	1.1 -	7.7	1.10 -	0.14 -	7.70	1709.	51.	19.
83	0000	-755	37.9579	80.5173	MBF-2	1.0	1.0 -	7.7	1.01 -	0.13 -	7.90	1705.	51.	19.
84	0000	-758	37.9574	80.5174	MBF-2	0.9	1.1 -	7.6	1.20 -	0.15 -	8.08 +	1665.	55.	18.
85	0000	-760	37.9569	80.5174	MBF-2	0.9	1.4	7.4	1.59	0.19 -	8.26 +	1647.	57.	16.
86	0000	-759	37.9564	80.5175	MBF-2	0.9	1.4	7.6	1.65	0.19 -	8.86 +	1607.	54.	14.
87	0000	-759	37.9560	80.5175	MBF-2	0.9	1.6	7.5	1.84	0.21	8.65 +	1585.	54.	13.
88	0000	-761	37.9554	80.5176	MBF-2	0.9	1.7	7.2	1.92	0.23	8.34 +	1561.	54.	11.
89	0000	-760	37.9549	80.5176	MBF-2	0.9	1.6	7.5	1.74	0.21	8.18 +	1566.	55.	10.
90	0000	-760	37.9544	80.5177	MBF-2	0.9	1.8	7.4	1.95	0.25	7.85	1567.	54.	9.
91	0000	-761	37.9539	80.5177	MBF-2	1.0	2.0	7.2	1.98	0.27	7.20	1585.	52.	9.
92	0000	-760	37.9534	80.5177	MBF-2	1.0	1.8	7.1	1.79	0.26	6.88	1578.	52.	10.
93	0000	-760	37.9529	80.5179	MBF-2	1.0	1.8	6.7	1.71	0.26	6.49	1583.	55.	11.
94	0000	-761	37.9524	80.5179	MBF-2	1.1	1.6	6.3	1.52	0.26	5.87	1584.	57.	14.
95	0000	-761	37.9519	80.5179	MBF-2	1.1	1.6	6.4	1.51	0.25	5.99	1595.	58.	16.
96	0000	-762	37.9514	80.5179	MBF-2	1.0	1.6	6.1	1.49	0.25	5.90	1587.	61.	17.
97	0000	-761	37.9509	80.5180	MBF-2	1.0	1.5	6.0 -	1.46	0.25	5.94	1581.	60.	19.
98	0000	-762	37.9504	80.5180	MBF-2	1.0	1.2 -	6.2	1.18 -	0.19	6.07	1570.	61.	20.
99	0000	-763	37.9499	80.5181	MBF-2	1.0	1.1 -	6.3	1.08 -	0.18 -	6.03	1577.	60.	20.
100	0000	-762	37.9494	80.5181	MBF-2	1.0	1.2 -	6.4	1.14 -	0.18 -	6.18	1585.	60.	20.
101	0000	-761	37.9489	80.5181	MBF-2	1.0	1.3 -	6.5	1.26 -	0.20	6.21	1590.	60.	19.
102	0000	-762	37.9484	80.5181	MBF-2	1.1	1.1 -	6.2	0.97 -	0.17 -	5.59 -	1585.	60.	19.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-763	37.9479	80.5182	MBF-2	1.1	1.0 -	6.6	0.92 --	0.16 -	5.92	1603.	57.	19.
104	0000	-765	37.9474	80.5182	MBF-2	1.1	1.0 -	6.9	0.94 -	0.15 -	6.17	1613.	58.	18.
105	0000	-764	37.9469	80.5183	MBF-2	1.1	1.1 -	6.7	0.99 -	0.16 -	6.13	1595.	57.	18.
106	0000	-763	37.9464	80.5183	MBF-2	1.1	1.2 -	6.8	1.09 -	0.17 -	6.25	1593.	56.	18.
107	0000	-764	37.9459	80.5184	MBF-2	1.0	1.4	7.1	1.42	0.20	6.94	1606.	54.	17.
108	0000	-764	37.9454	80.5184	MBF-2	1.0	1.4 -	7.5	1.33	0.19 -	7.19	1649.	53.	16.
109	0000	-763	37.9449	80.5184	MBF-2	1.0	1.8	7.6	1.85	0.24	7.84	1666.	53.	15.
110	0000	-761	37.9444	80.5184	MBF-2	0.9	1.9	7.3	1.98	0.25	7.77	1604.	53.	13.
111	0000	-764	37.9439	80.5186	MBF-2	0.9	1.8	6.6	2.11	0.27	7.68	1524.	55.	12.
112	0000	-766	37.9434	80.5186	MBF-2	0.8	1.9	6.5	2.33	0.29	8.02	1483.	56.	10.
113	0000	-766	37.9429	80.5186	MBF-2	0.7 -	1.9	6.4	2.74 +	0.29	9.35 +	1415.	57.	9.
114	0000	-766	37.9424	80.5186	MBF-2	0.7 -	1.8	5.9 -	2.67 +	0.30	8.83 +	1338.	57.	8.
115	0000	-767	37.9419	80.5187	MBF-1	0.6 +	2.1 +	5.3	3.58	0.39	9.13	1275.	56.	7.
116	0000	-765	37.9414	80.5188	MBF-1	0.5 +	2.1 +	5.1	3.87	0.42	9.27	1241.	56.	7.
117	0000	-767	37.9409	80.5188	MBF-1	0.5 +	2.3 +	4.9	4.13	0.46	8.96	1277.	55.	8.
118	0000	-767	37.9404	80.5188	MBF-2	0.6 -	2.4	5.6 -	3.89 ++	0.42 ++	9.18 +	1369.	52.	9.
119	0000	-766	37.9399	80.5188	MBF-2	0.7 -	2.4 +	6.3	3.71 ++	0.39 +	9.54 ++	1465.	51.	10.
120	0000	-767	37.9394	80.5189	MG	0.8	2.4	6.5	3.03	0.37	8.22	1574.	51.	11.
121	0000	-767	37.9389	80.5189	MG	0.9	2.4	6.9	2.74	0.35	7.78	1692.	52.	13.
122	0000	-767	37.9384	80.5190	MG	0.9	2.3	7.3	2.47	0.32	7.84	1751.	53.	15.
123	0000	-768	37.9379	80.5190	MG	1.0	2.0	7.9	2.05	0.26	7.98	1798.	53.	16.
124	0000	-769	37.9374	80.5191	MG	1.0	2.1	8.0	2.11	0.26	8.03	1843.	52.	17.
125	0000	-771	37.9369	80.5191	MG	0.9	2.3	7.8	2.40	0.29	8.31	1835.	52.	17.
126	0000	-770	37.9364	80.5192	MG	0.9	2.3	7.4	2.42	0.31	7.90	1839.	53.	18.
127	0000	-769	37.9359	80.5192	MG	0.8	2.5	7.4	2.95	0.34	8.78	1832.	54.	17.
128	0000	-769	37.9354	80.5193	MG	0.8	2.7	7.4	3.28	0.36	9.03	1822.	52.	17.
129	0000	-768	37.9349	80.5193	MG	0.8	2.8	7.3	3.47	0.38	9.10	1799.	53.	16.
130	0000	-767	37.9344	80.5193	MG	0.8	2.9	7.2	3.76	0.41	9.23	1770.	52.	16.
131	0000	-770	37.9339	80.5193	MG	0.8	2.9	6.8	3.68	0.43 +	8.62	1735.	53.	17.
132	0000	-772	37.9334	80.5194	MG	0.8	2.8	6.8	3.24	0.40	8.04	1751.	53.	17.
133	0000	-771	37.9329	80.5194	MG	0.8	2.9	6.9	3.62	0.41	8.74	1746.	51.	18.
134	0000	-770	37.9324	80.5195	MG	0.8	2.6	6.8	3.21	0.38	8.45	1723.	50.	19.
135	0000	-771	37.9319	80.5195	MG	0.8	2.3	6.5	2.87	0.36	7.91	1698.	51.	20.
136	0000	-771	37.9314	80.5195	MG	0.8	2.4	6.3	3.12	0.38	8.26	1676.	50.	22.
137	0000	-771	37.9309	80.5195	MG	0.7	2.3	6.0 -	3.09	0.38	8.21	1663.	51.	23.
138	0000	-771	37.9304	80.5195	MG	0.6 -	2.2	6.5	3.53	0.34	10.31 +	1635.	51.	22.
139	0000	-773	37.9299	80.5194	MG	0.6 -	2.0	6.4	3.42	0.32	10.71 +	1585.	51.	23.
140	0000	-775	37.9294	80.5194	MG	0.6 -	1.6 -	6.0 -	2.48	0.26	9.57	1543.	52.	24.
141	0000	-774	37.9289	80.5193	MG	0.6 -	1.5 -	6.0 -	2.36	0.25	9.38	1516.	51.	24.
142	0000	-772	37.9284	80.5192	MG	0.6 -	1.5 -	6.1	2.52	0.25	10.04	1514.	49.	24.
143	0000	-776	37.9278	80.5191	MG	0.6 -	1.2 -	6.3	1.85	0.19 -	9.70	1509.	49.	24.
144	0000	-777	37.9273	80.5190	MG	0.7 -	1.3 -	6.2	2.02	0.22 -	9.26	1520.	50.	23.
145	0000	-773	37.9268	80.5189	MG	0.7	1.4 -	6.0 -	1.88	0.23	8.03	1536.	51.	23.
146	0000	-773	37.9263	80.5189	MG	0.7	1.7 -	5.6 -	2.32	0.30	7.73	1541.	52.	21.
147	0000	-775	37.9258	80.5188	MG	0.7	1.8	5.6 -	2.47	0.31	7.89	1519.	52.	19.
148	0000	-775	37.9252	80.5187	MG	0.7	2.0	5.5 -	2.79	0.36	7.68	1502.	55.	16.
149	0000	-777	37.9247	80.5186	MMCC	0.7	2.0	5.3 -	2.80	0.38 +	7.39	1467.	52.	13.
150	0000	-777	37.9242	80.5185	MMCC	0.7	2.1	5.5 -	2.96	0.39 +	7.53	1449.	53.	10.
151	0000	-775	37.9237	80.5184	MMCC	0.7	2.3	5.3 -	3.22	0.43 +	7.55	1432.	53.	9.
152	0000	-778	37.9232	80.5184	MPO	0.7	2.3	5.3	3.11	0.43 +	7.25 -	1423.	53.	8.
153	0000	-778	37.9227	80.5183	MPO	0.8	2.3	5.7	2.98	0.40 +	7.50 -	1406.	56.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-778	37.9221	80.5182	MPO	0.8	2.3	5.8	3.00	0.40 +	7.51 -	1392.	59.	6.
155	0000	-779	37.9216	80.5181	MPO	0.8	2.3	5.8	3.00	0.40 +	7.55 -	1385.	57.	6.
156	0000	-778	37.9211	80.5180	MPO	0.8	2.2	5.7	2.95	0.39 +	7.54 -	1358.	60.	6.
157	0000	-777	37.9206	80.5180	MPO	0.7	2.2	5.8	3.09	0.38 +	8.18	1327.	59.	6.
158	0000	-779	37.9201	80.5179	MPO	0.7	2.0	5.9	2.84	0.34	8.43	1294.	58.	7.
159	0000	-780	37.9196	80.5177	MPO	0.7	1.9	6.0	2.88	0.31	9.20	1270.	58.	7.
160	0000	-780	37.9191	80.5177	MPO	0.6	1.7	6.1	2.75	0.28	9.79	1278.	55.	8.
161	0000	-782	37.9185	80.5176	MPO	0.6	1.9	6.0	3.11	0.32	9.60	1301.	50.	8.
162	0000	-785	37.9180	80.5176	MPO	0.6	2.1	6.2	3.61	0.34	10.55	1326.	53.	10.
163	0000	-783	37.9175	80.5175	MPO	0.5	2.0	6.4	3.81	0.32	12.01	1350.	53.	12.
164	0000	-784	37.9170	80.5174	MPO	0.5	2.0	6.1	3.80	0.32	11.81	1361.	53.	14.
165	0000	-785	37.9165	80.5172	MPO	0.5	2.0	6.2	4.19 +	0.32	12.90	1345.	54.	15.
166	0000	-785	37.9159	80.5172	MPO	0.5	2.1	5.8	4.57 +	0.35	12.90	1310.	53.	15.
167	0000	-783	37.9154	80.5171	MPO	0.4	2.1	5.4	4.68 +	0.39 +	12.05	1268.	56.	15.
168	0000	-781	37.9149	80.5171	MPO	0.4 -	2.0	5.3	5.65 +	0.38 +	14.69 +	1210.	57.	14.
169	0000	-784	37.9144	80.5170	MPO	0.4 -	1.9	4.8	5.25 +	0.40 +	13.10	1150.	55.	12.
170	0000	-786	37.9139	80.5169	MPO	0.4 -	1.9	4.7	4.81 +	0.41 +	11.77	1104.	53.	11.
171	0000	-785	37.9134	80.5168	MPO	0.4 -	2.0	4.6 -	5.36 +	0.44 +	12.25	1069.	53.	9.
172	0000	-787	37.9128	80.5167	MPO	0.4 -	2.0	4.4 -	5.54 +	0.44 +	12.56	1041.	53.	8.
173	0000	-786	37.9123	80.5166	MPO	0.3 -	1.9	4.6 -	5.71 +	0.41 +	13.86 +	1039.	53.	8.
174	0000	-785	37.9118	80.5166	MPO	0.3 -	2.0	4.8	6.59 ++	0.41 +	16.18 +	1040.	52.	6.
175	0000	-790	37.9113	80.5165	MPO	0.3 -	1.9	5.2	6.05 +	0.36	16.58 +	1057.	51.	6.
176	0000	-790	37.9108	80.5164	MPO	0.3 --	1.9	5.4	7.34 ++	0.36	20.31 ++	1059.	52.	6.
177	0000	-788	37.9103	80.5163	MPO	0.2 --	2.0	5.3	8.67 ++	0.38 +	22.74 ++	1062.	53.	5.
178	0000	-788	37.9097	80.5162	MPO	0.2 --	2.0	5.2	8.27 ++	0.39 +	21.32 ++	1066.	55.	5.
179	0000	-788	37.9092	80.5162	MPO	0.3 --	2.1	5.2	8.06 ++	0.41 +	19.83 ++	1074.	56.	5.
180	0000	-790	37.9087	80.5161	MPO	0.3 --	2.2	5.3	8.59 ++	0.42 +	20.63 ++	1081.	55.	4.
181	0000	-792	37.9082	80.5159	MPO	0.3 -	2.0	5.3	6.93 ++	0.38 +	18.10 ++	1090.	55.	5.
182	0000	-789	37.9077	80.5159	MPO	0.3 -	2.1	4.9	6.83 ++	0.43 +	15.88 +	1095.	55.	5.
183	0000	-789	37.9072	80.5158	MPO	0.4 -	2.1	5.0	5.81 +	0.42 +	13.97 +	1124.	55.	5.
184	0000	-792	37.9067	80.5157	MPO	0.4 -	2.0	5.3	5.38 +	0.38 +	14.21 +	1130.	56.	5.
185	0000	-789	37.9062	80.5157	MPO	0.4 -	2.0	5.7	5.42 +	0.35	15.53 +	1149.	56.	6.
186	0000	-790	37.9057	80.5155	MPO	0.4 -	1.6	5.8	4.16 +	0.28	14.92 +	1163.	55.	8.
187	0000	-794	37.9051	80.5154	MPO	0.5	1.6	5.8	3.36	0.27	12.60	1174.	53.	9.
188	0000	-793	37.9046	80.5154	MPO	0.5	1.6	5.9	3.32	0.27	12.21	1177.	56.	9.
189	0000	-791	37.9041	80.5153	MPO	0.5	1.5	6.1	2.98	0.24	12.32	1180.	54.	10.
190	0000	-790	37.9036	80.5152	MPO	0.5	1.4	6.3	2.66	0.22	12.25	1179.	55.	10.
191	0000	-792	37.9031	80.5152	MMCC	0.5 -	1.6	6.2	3.24	0.26	12.44 +	1191.	51.	10.
192	0000	-798	37.9025	80.5150	MMCC	0.5 -	1.4 -	6.1	2.67	0.23	11.49 +	1192.	50.	10.
193	0000	-799	37.9021	80.5149	MMCC	0.5 -	1.7	5.8	3.19	0.30	10.59	1230.	48.	9.
194	0000	-798	37.9015	80.5149	MMCC	0.5 -	1.7	5.9	3.16	0.29	10.93	1275.	50.	9.
195	0000	-801	37.9010	80.5148	MMCC	0.6 -	1.9	6.0	3.49 +	0.32	10.90	1317.	49.	9.
196	0000	-801	37.9005	80.5148	MMCC	0.6 -	2.2	6.1	3.71 +	0.36	10.24	1375.	51.	8.
197	0000	-798	37.9000	80.5146	MMCC	0.6	2.4	5.9	3.78 +	0.41 +	9.29	1409.	51.	9.
198	0000	-801	37.8995	80.5146	MMCC	0.7	2.2	5.8	3.25	0.38 +	8.44	1455.	54.	10.
199	0000	-800	37.8989	80.5145	MMCC	0.7	2.5 +	5.9	3.44 +	0.42 +	8.14	1516.	52.	11.
200	0000	-800	37.8984	80.5144	MMCC	0.7	2.7 +	6.1	3.69 +	0.44 +	8.32	1560.	53.	12.
201	0000	-800	37.8979	80.5144	MMCC	0.7	3.1 +	6.3	4.26 +	0.49 ++	8.67	1604.	50.	13.
202	0000	-800	37.8974	80.5143	MMCC	0.7	3.0 +	6.4	4.23 +	0.47 +	8.99	1640.	48.	14.
203	0000	-803	37.8969	80.5141	MG	0.7	2.8	6.6	3.81	0.43 +	8.93	1681.	48.	16.
204	0000	-803	37.8963	80.5141	MG	0.7	2.7	7.0	3.58	0.38	9.45	1721.	49.	17.

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
VALUES AND STATISTICAL SIGNIFICANCES															
205	0000	-800	37.8958	80.5140		MG	0.7	2.8	7.2	3.81	0.39	9.69	1777.	49.	18.
206	0000	-802	37.8953	80.5139		MG	0.8	2.6	7.4	3.26	0.35	9.28	1798.	48.	19.
207	0000	-807	37.8948	80.5139		MG	0.9	2.2	7.8	2.58	0.28	9.09	1804.	52.	20.
208	0000	-809	37.8943	80.5137		MG	0.9	1.9	7.9	2.09	0.24	8.84	1798.	54.	21.
209	0000	-808	37.8938	80.5136		MG	0.9	1.8	7.8	1.88	0.23 -	8.23	1793.	53.	21.
210	0000	-805	37.8933	80.5136		MG	1.0	1.7	7.8	1.76	0.22 -	7.91	1780.	54.	21.
211	0000	-808	37.8927	80.5135		MG	1.0	1.7 -	8.0	1.70	0.21 -	7.91	1779.	53.	20.
212	0000	-808	37.8922	80.5134		MG	1.0	1.8	8.0	1.72	0.22 -	7.72	1757.	51.	19.
213	0000	-808	37.8917	80.5134		MG	1.0	2.2	7.9	2.26	0.27	8.22	1760.	52.	18.
214	0000	-806	37.8912	80.5132		MG	0.9	2.0	8.3	2.16	0.24	8.84	1769.	51.	17.
215	0000	-801	37.8907	80.5132		MG	1.0	2.0	8.9 +	2.08	0.23 -	9.23	1786.	53.	17.
216	0000	-804	37.8902	80.5131		MG	0.9	2.0	9.1 +	2.16	0.22 -	9.59	1814.	55.	16.
217	0000	-809	37.8896	80.5130		MG	1.0	2.0	8.7 +	2.11	0.23 -	9.12	1848.	56.	17.
218	0000	-805	37.8891	80.5129		MG	0.9	2.2	8.4	2.33	0.26	8.86	1888.	56.	19.
219	0000	-806	37.8886	80.5128		MG	1.0	1.8	8.4	1.86	0.22 -	8.63	1917.	55.	20.
220	0000	-814	37.8881	80.5128		MG	1.0	1.7 -	8.3	1.66	0.20 -	8.15	1937.	56.	21.
221	0000	-812	37.8876	80.5127		MG	1.0	1.7 -	8.0	1.68	0.21 -	7.87	1963.	57.	22.
222	0000	-813	37.8871	80.5126		MG	1.0	1.9	7.4	1.86	0.26	7.24	1978.	57.	22.
223	0000	-818	37.8866	80.5125		MG	1.1	2.2	7.1	2.03	0.30	6.69	1970.	57.	21.
224	0000	-816	37.8861	80.5125		MG	1.0	2.2	7.3	2.19	0.31	7.18	1954.	55.	20.
225	0000	-814	37.8855	80.5124		MG	1.0	2.4	7.6	2.35	0.32	7.36	1942.	55.	17.
226	0000	-815	37.8850	80.5124		MG	1.0	2.9	7.7	3.02	0.38	8.02	1919.	58.	15.
227	0000	-816	37.8845	80.5124		MG	1.0	2.9	7.3	3.04	0.40	7.62	1893.	57.	14.
228	0000	-815	37.8839	80.5124		MG	0.9	3.2 +	7.3	3.41	0.44 +	7.80	1876.	53.	13.
229	0000	-813	37.8834	80.5124		MG	0.9	3.0 +	7.2	3.35	0.42 +	7.93	1850.	52.	13.
230	0000	-816	37.8829	80.5124		MG	0.9	2.8	7.2	3.02	0.38	7.90	1837.	51.	15.
231	0000	-817	37.8824	80.5124		MG	0.9	2.7	7.3	2.88	0.37	7.70	1828.	51.	16.
232	0000	-813	37.8819	80.5124		MG	1.0	2.2	6.9	2.20	0.32	6.89	1818.	53.	18.
233	0000	-813	37.8814	80.5124		MG	1.1	1.9	6.9	1.73	0.28	6.14 -	1831.	51.	20.
234	0000	-821	37.8809	80.5124		MG	1.2	1.9	7.5	1.61	0.25	6.43	1852.	50.	19.
235	0000	-817	37.8803	80.5124		MG	1.2 +	2.0	7.5	1.58	0.26	6.03 -	1865.	51.	19.
236	0000	-812	37.8798	80.5124		MG	1.3 +	2.1	7.7	1.62	0.27	6.04 -	1876.	51.	19.
237	0000	-818	37.8792	80.5124		MG	1.3 +	2.1	8.2	1.67	0.26	6.46	1881.	52.	17.
238	0000	-822	37.8787	80.5124		MG	1.2 +	2.2	8.1	1.74	0.27	6.45	1877.	50.	15.
239	0000	-818	37.8782	80.5124		MG	1.2	2.5	8.2	2.01	0.30	6.75	1870.	52.	12.
240	0000	-815	37.8777	80.5124		MBF-2	1.2	2.4	8.2	2.01	0.29	6.99	1834.	54.	11.
241	0000	-815	37.8772	80.5124		MBF-2	1.1	2.5 +	8.0	2.31	0.32	7.31	1809.	54.	9.
242	0000	-815	37.8767	80.5124		MBF-2	1.1	2.7 +	7.6	2.46 +	0.35 +	6.97	1764.	55.	8.
243	0000	-818	37.8762	80.5124		MBF-2	1.1	2.5 +	7.9	2.32	0.32	7.28	1749.	55.	8.
244	0000	-820	37.8756	80.5124		MBF-2	1.1	2.5 +	7.6	2.29	0.33	7.01	1738.	53.	8.
245	0000	-818	37.8751	80.5124		MBF-2	1.1	2.4	7.8	2.25	0.31	7.30	1729.	54.	9.
246	0000	-817	37.8746	80.5124		MBF-2	1.1	2.1	7.9	1.92	0.27	7.04	1738.	52.	11.
247	0000	-818	37.8741	80.5124		MBF-2	1.2	2.3	7.7	1.90	0.30	6.33	1804.	49.	12.
248	0000	-813	37.8736	80.5124		MG	1.3 +	1.8	7.6	1.42 -	0.24	5.79 -	1839.	48.	15.
249	0000	-817	37.8730	80.5124		MG	1.4 +	1.5 -	8.0	1.10 -	0.19 -	5.65 -	1882.	47.	17.
250	0000	-826	37.8725	80.5124		MG	1.5 ++	1.4 -	7.4	0.88 --	0.18 -	4.85 -	1918.	47.	19.
251	0000	-823	37.8720	80.5124		MG	1.6 ++	1.5 -	7.7	0.95 --	0.20 -	4.83 -	1999.	48.	20.
252	0000	-818	37.8714	80.5124		MG	1.7 ++	1.4 -	8.0	0.83 --	0.17 --	4.77 --	2061.	49.	21.
253	0000	-823	37.8709	80.5124		MG	1.6 ++	1.6 -	8.0	0.99 --	0.20 -	4.96 -	2113.	50.	22.
254	0000	-826	37.8704	80.5124		MG	1.5 +	1.5 -	8.0	0.95 --	0.18 -	5.27 -	2056.	54.	22.
255	0000	-823	37.8699	80.5124		MG	1.4 +	1.5 -	7.8	1.09 -	0.20 -	5.54 -	1998.	57.	22.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-823	37.8694	80.5124	MG	1.3 +	1.6 -	7.5	1.28 -	0.22 -	5.85 -	1943.	58.	21.
257	0000	-823	37.8689	80.5124	MG	1.2	1.7 -	7.5	1.44 -	0.22 -	6.47	1869.	58.	20.
258	0000	-819	37.8683	80.5124	MG	1.0	1.6 -	7.1	1.55 -	0.23 -	6.89	1748.	58.	19.
259	0000	-820	37.8678	80.5124	MG	0.9	1.5 -	6.4	1.72	0.24	7.13	1627.	58.	19.
260	0000	-825	37.8673	80.5124	MG	0.8	1.4 -	6.[illegible] -	1.64	0.23 -	7.11	1515.	60.	19.
261	0000	-823	37.8668	80.5124	MG	0.8	1.4 -	6.2	1.71	0.23 -	7.43	1496.	57.	18.
262	0000	-818	37.8662	80.5124	MBF-2	0.9	1.6	6.4	1.80	0.26	6.99	1524.	57.	17.
263	0000	-823	37.8657	80.5124	MBF-2	0.9	1.8	6.3	1.97	0.29	6.74	1581.	55.	17.
264	0000	-825	37.8652	80.5124	MBF-2	1.0	2.1	6.3	2.15	0.33	6.44	1632.	55.	16.
265	0000	-819	37.8647	80.5124	MBF-2	1.1	2.0	6.4	1.81	0.30	5.92	1719.	59.	15.
266	0000	-826	37.8641	80.5124	MBF-2	1.2	2.4	7.3	2.04	0.32	6.34	1815.	57.	13.
267	0000	-829	37.8636	80.5124	MBF-2	1.2	2.4 +	8.0	1.94	0.30	6.39	1882.	54.	10.
268	0000	-820	37.8631	80.5124	MBF-2	1.3	2.6 +	7.7	2.00	0.33 +	5.98	1928.	53.	9.
269	0000	-822	37.8626	80.5124	MBF-2	1.3	2.7 +	7.6	2.12	0.35 +	5.98	1943.	52.	7.
270	0000	-827	37.8621	80.5124	MBF-2	1.3	2.6 +	8.2	2.02	0.32	6.28	1923.	53.	7.
271	0000	-820	37.8616	80.5124	MBF-2	1.2	2.8 +	8.2	2.31	0.35 +	6.61	1919.	52.	6.
272	0000	-821	37.8611	80.5124	MBF-2	1.3	2.9 ++	8.1	2.34	0.36 +	6.43	1896.	50.	6.
273	0000	-827	37.8605	80.5124	MBF-2	1.3	2.7 +	7.3	2.07	0.37 +	5.65 -	1863.	53.	8.
274	0000	-827	37.8600	80.5124	MBF-2	1.3	2.8 +	6.8	2.18	0.41 ++	5.28 -	1867.	54.	9.
275	0000	-828	37.8594	80.5124	MBF-2	1.4 +	2.5 +	6.9	1.83	0.36 +	5.05 -	1862.	55.	10.
276	0000	-828	37.8589	80.5124	MBF-2	1.4 +	2.3	7.0	1.72	0.33	5.18 -	1850.	56.	11.
277	0000	-827	37.8584	80.5124	MBF-2	1.4 +	2.0	6.6	1.43	0.30	4.81 --	1836.	57.	11.
278	0000	-831	37.8579	80.5124	MBF-2	1.5 +	2.1	6.7	1.37	0.31	4.46 --	1858.	58.	11.
279	0000	-832	37.8574	80.5124	MBF-2	1.5 +	2.1	6.7	1.39	0.32	4.40 --	1884.	56.	10.
280	0000	-828	37.8569	80.5124	MBF-2	1.5 +	2.4 +	7.0	1.60	0.34 +	4.67 --	1902.	54.	8.
281	0000	-824	37.8564	80.5124	MBF-2	1.5 +	2.3	7.3	1.48	0.31	4.76 --	1897.	53.	7.
282	0000	-826	37.8558	80.5124	MBF-2	1.5 +	2.6 +	7.7	1.70	0.34 +	5.06 -	1923.	53.	6.
283	0000	-829	37.8553	80.5124	MBF-2	1.6 +	2.8 +	7.5	1.75	0.37 +	4.76 --	1973.	50.	5.
284	0000	-831	37.8548	80.5124	MBF-2	1.6 +	3.2 ++	7.8	2.04	0.41 ++	4.98 -	2040.	49.	4.
285	0000	-834	37.8543	80.5124	MG	1.5 +	3.2 +	7.9	2.16	0.41	5.32 -	2032.	48.	3.
286	0000	-829	37.8537	80.5124	MG	1.4 +	3.3 +	8.0	2.38	0.41	5.76 -	1998.	51.	2.
287	0000	-828	37.8532	80.5124	MG	1.4 +	3.3 +	7.5	2.37	0.44 +	5.37 -	1983.	50.	3.
288	0000	-832	37.8527	80.5124	MG	1.3 +	3.3 +	7.1	2.44	0.46 +	5.30 -	1949.	49.	3.
289	0000	-831	37.8522	80.5124	MG	1.3 +	3.2 +	6.5	2.44	0.49 +	5.00 -	1903.	49.	5.
290	0000	-831	37.8517	80.5124	MG	1.2	3.1 +	6.2	2.53	0.50 +	5.05 -	1841.	49.	7.
291	0000	-836	37.8511	80.5124	MG	1.2	3.0 +	5.9 -	2.45	0.50 +	4.89 -	1762.	48.	9.
292	0000	-830	37.8506	80.5124	MG	1.2	2.7	5.4 -	2.25	0.49 +	4.60 --	1693.	49.	11.
293	0000	-827	37.8501	80.5124	MG	1.1	2.3	4.8 -	1.99	0.47 +	4.24 --	1610.	48.	13.
294	0000	-833	37.8496	80.5123	MG	1.0	2.0	4.8 --	1.95	0.42	4.69 --	1528.	49.	15.
295	0000	-833	37.8490	80.5123	MG	1.0	2.0	4.6 --	2.05	0.43 +	4.81 --	1471.	52.	16.
296	0000	-831	37.8485	80.5124	MG	0.9	1.9	4.8 -	2.16	0.39	5.59 -	1444.	52.	16.
297	0000	-835	37.8480	80.5124	MG	0.8	1.5 -	4.7 --	1.79	0.31	5.73 -	1409.	54.	17.
298	0000	-835	37.8475	80.5124	MG	0.8	1.5 -	4.7 --	1.90	0.32	5.99 -	1376.	55.	17.
299	0000	-831	37.8470	80.5124	MG	0.7	1.3 -	4.5 --	1.82	0.29	6.18	1360.	55.	17.
300	0000	-836	37.8464	80.5124	MG	0.7	1.4 -	4.8 -	1.90	0.28	6.75	1354.	54.	17.
301	0000	-838	37.8459	80.5124	MG	0.7	1.3 -	4.7 --	1.80	0.26	6.80	1335.	52.	18.
302	0000	-833	37.8454	80.5124	MBF-2	0.7 -	1.2 -	4.7 --	1.88	0.26	7.16	1305.	49.	18.
303	0000	-835	37.8448	80.5124	MBF-1	0.6 +	1.1	4.5	1.89 -	0.24 -	7.83 -	1230.	52.	18.
304	0000	-836	37.8444	80.5124	MBF-1	0.5	1.3	4.5	2.70	0.29	9.21	1165.	53.	17.
305	0000	-835	37.8438	80.5124	MBF-1	0.4	1.3	4.2	2.99	0.31	9.69	1128.	52.	18.
306	0000	-836	37.8433	80.5124	MBF-1	0.4	1.2	4.6	2.78	0.27	10.33	1124.	51.	18.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-834	37.8428	80.5124	MBF-1	0.4	1.4	4.5	3.13	0.31	10.13	1149.	52.	18.
308	0000	-835	37.8423	80.5124	MBF-1	0.5	1.5	4.6	3.14	0.33	9.55	1177.	53.	17.
309	0000	-840	37.8418	80.5124	MBF-1	0.5	1.6	4.8	3.28	0.33	10.02	1201.	55.	17.
310	0000	-840	37.8412	80.5124	MBF-1	0.5	1.7	4.6	3.30	0.37	8.97	1218.	52.	17.
311	0000	-837	37.8407	80.5123	MBF-1	0.6 +	1.6	4.4	2.93	0.37	7.83 -	1221.	50.	17.
312	0000	-836	37.8402	80.5123	MBF-1	0.6 +	1.5	4.4	2.70	0.35	7.69 -	1205.	52.	16.
313	0000	-833	37.8396	80.5123	MBF-1	0.5	1.7	3.8	3.45	0.46	7.55 -	1152.	51.	16.
314	0000	-834	37.8391	80.5123	MBF-1	0.4	1.7	3.3	3.94	0.51 +	7.79 -	1081.	50.	16.
315	0000	-836	37.8386	80.5123	MBF-1	0.4	1.6	2.8 -	4.09	0.59 +	6.98 -	1008.	52.	15.
316	0000	-835	37.8381	80.5123	MBF-1	0.4	1.6	2.6 -	4.06	0.61 +	6.64 -	943.	51.	14.
317	0000	-834	37.8376	80.5124	MBF-1	0.4	1.5	2.2 -	4.11	0.70 ++	5.91 --	900.	53.	13.
318	0000	-838	37.8371	80.5124	MBF-1	0.4	1.5	2.2 -	4.27	0.68 ++	6.28 -	872.	53.	11.
319	0000	-840	37.8365	80.5124	MBF-1	0.3	1.7	2.2 -	4.90	0.76 ++	6.49 -	846.	51.	10.
320	0000	-837	37.8360	80.5124	MBF-1	0.3	1.5	2.3 -	4.63	0.66 ++	7.01 -	841.	51.	9.
321	0000	-835	37.8355	80.5124	MBF-1	0.4	1.6	2.3 -	4.66	0.71 ++	6.57 -	852.	51.	8.
322	0000	-837	37.8350	80.5124	MBF-1	0.4	1.7	2.7 -	4.80	0.65 +	7.42 -	878.	52.	7.
323	0000	-839	37.8345	80.5124	MBF-1	0.4	1.8	2.5 -	4.38	0.74 ++	5.96 --	915.	53.	6.
324	0000	-843	37.8340	80.5124	MBF-1	0.4	1.9	2.8 -	4.48	0.68 ++	6.58 -	938.	54.	5.
325	0000	-840	37.8334	80.5124	MBF-1	0.4	1.8	3.0 -	4.18	0.60 +	6.93 -	954.	54.	5.
326	0000	-840	37.8329	80.5124	MBF-1	0.4	1.7	3.0 -	3.97	0.58 +	6.88 -	956.	57.	5.
327	0000	-842	37.8324	80.5124	MBF-1	0.5	1.8	2.9 -	3.77	0.62 +	6.13 -	964.	57.	6.
328	0000	-841	37.8318	80.5124	MBF-1	0.5	1.5	3.3	2.88	0.46	6.22 -	972.	56.	5.
329	0000	-841	37.8313	80.5123	MBF-1	0.6 +	1.5	3.2	2.65	0.46	5.78 --	988.	55.	5.
330	0000	-844	37.8308	80.5123	MBF-1	0.5	1.4	3.4	2.71	0.41	6.54 -	978.	52.	5.
331	0000	-843	37.8303	80.5123	MBF-1	0.5	1.2	3.4	2.47	0.36	6.78 -	963.	51.	6.
332	0000	-838	37.8298	80.5123	MBF-1	0.5	1.4	3.3	2.90	0.43	6.69 -	958.	49.	6.
333	0000	-840	37.8292	80.5123	MBF-1	0.5	1.3	3.5	2.70	0.39	7.00 -	971.	48.	6.
334	0000	-841	37.8287	80.5123	MBF-1	0.5	1.4	3.7	2.95	0.37	7.98	970.	50.	6.
335	0000	-840	37.8282	80.5123	MBF-1	0.5	1.5	3.6	3.26	0.41	7.89 -	982.	51.	7.
336	0000	-837	37.8277	80.5123	MBF-1	0.5	1.5	3.9	3.26	0.39	8.44	986.	52.	7.
337	0000	-837	37.8272	80.5123	MBF-1	0.4	1.6	3.9	3.55	0.40	8.91	997.	52.	7.
338	0000	-834	37.8266	80.5124	MBF-1	0.5	1.6	3.9	3.37	0.41	8.18	1031.	53.	7.
339	0000	-836	37.8261	80.5124	MBF-1	0.5	1.5	4.1	2.90	0.36	7.95 -	1059.	53.	7.
340	0000	-843	37.8256	80.5124	MBF-2	0.6 -	1.5	4.5 --	2.37	0.32	7.38	1090.	53.	6.
341	0000	-845	37.8251	80.5124	MBF-2	0.7 -	1.5	4.5 --	2.21	0.33	6.79	1118.	52.	5.
342	0000	-841	37.8246	80.5124	MBF-2	0.6 -	1.7	4.7 --	2.61 +	0.36 +	7.26	1120.	52.	4.
343	0000	-841	37.8240	80.5124	MBF-2	0.6 -	1.8	4.5 --	2.86 +	0.39 +	7.25	1119.	51.	4.
344	0000	-842	37.8235	80.5124	MBF-2	0.7 -	1.8	4.3 --	2.68 +	0.42 ++	6.46	1112.	51.	4.
345	0000	-842	37.8230	80.5124	MBF-2	0.7 -	1.9	4.4 --	2.78 +	0.43 ++	6.51	1081.	51.	4.
346	0000	-842	37.8225	80.5123	MBF-2	0.6 -	1.9	4.4 --	2.91 +	0.43 ++	6.84	1048.	51.	4.
347	0000	-842	37.8220	80.5123	MBF-1	0.6 +	2.0	3.9	3.59	0.52 +	6.97 -	1004.	50.	4.
348	0000	-841	37.8214	80.5123	MBF-1	0.5	1.9	3.6	3.84	0.53 +	7.20 -	934.	49.	4.
349	0000	-842	37.8209	80.5123	MBF-1	0.5	1.7	3.4	3.35	0.49 +	6.87 -	873.	49.	4.
350	0000	-842	37.8204	80.5123	MBF-1	0.5	1.5	3.3	3.12	0.46	6.83 -	815.	51.	4.
351	0000	-842	37.8199	80.5123	MBF-1	0.4	1.5	3.3	3.70	0.45	8.23	774.	53.	3.
352	0000	-843	37.8193	80.5123	MBF-1	0.3	1.4	3.2	4.28	0.45	9.49	748.	53.	3.
353	0000	-843	37.8188	80.5123	MBF-1	0.3	1.4	2.8 -	4.61	0.50 +	9.20	726.	55.	2.
354	0000	-841	37.8183	80.5123	MBF-1	0.3 -	1.4	2.9 -	5.03	0.49 +	10.17	712.	55.	2.
355	0000	-839	37.8178	80.5123	MBF-1	0.3 -	1.5	3.0 -	5.18	0.50 +	10.34	729.	55.	2.
356	0000	-839	37.8172	80.5123	MBF-1	0.3 -	1.6	3.1	5.99 +	0.50 +	11.88	761.	54.	2.
357	0000	-843	37.8167	80.5123	MBF-1	0.3 -	1.7	3.3	6.29 +	0.51 +	12.32	800.	52.	3.

CP9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
						VALUES AND STATISTICAL SIGNIFICANCES								
358	0000	-844	37.8162	80.5123	MBF-1	0.3	1.6	3.2	5.02	0.50 +	10.08	821.	52.	3.
359	0000	-839	37.8157	80.5124	MBF-1	0.3	1.6	3.3	4.62	0.48 +	9.62	841.	52.	3.
360	0000	-837	37.8152	80.5124	MBF-1	0.4	1.5	3.4	4.21	0.44	9.54	855.	50.	4.
361	0000	-838	37.8147	80.5124	MBF-1	0.4	1.3	3.5	3.43	0.38	9.10	855.	51.	5.
362	0000	-842	37.8142	80.5124	MBF-1	0.4	1.2	3.5	3.20	0.35	9.15	862.	52.	6.
363	0000	-842	37.8136	80.5124	MBF-1	0.4	1.3	3.2	2.97	0.40	7.50 -	864.	54.	6.
364	0000	-840	37.8131	80.5123	MBF-1	0.4	1.3	3.2	3.03	0.42	7.24 -	869.	54.	6.
365	0000	-841	37.8126	80.5123	MBF-1	0.5	1.2	3.6	2.63	0.34	7.68 -	877.	54.	5.
366	0000	-842	37.8121	80.5123	MBF-1	0.5	1.3	3.7	2.67	0.35	7.64 -	882.	54.	5.
367	0000	-843	37.8116	80.5123	MBF-1	0.5	1.5	3.7	3.01	0.39	7.75 -	902.	56.	4.
368	0000	-844	37.8111	80.5123	MBF-1	0.5	1.7	3.6	3.62	0.48 +	7.58 -	920.	56.	3.
369	0000	-842	37.8106	80.5123	MBF-1	0.5	1.8	3.3	3.73	0.55 +	6.81 -	916.	57.	2.
370	0000	-842	37.8101	80.5123	MBF-1	0.5	1.7	3.5	3.66	0.49 +	7.45 -	910.	56.	2.
371	0000	-843	37.8096	80.5123	MBF-1	0.4	1.8	3.4	4.02	0.54 +	7.48 -	908.	57.	2.
372	0000	-843	37.8091	80.5123	MBF-1	0.4	2.0	3.5	4.68	0.57 +	8.28	918.	60.	1.
373	0000	-844	37.8086	80.5123	MBF-1	0.4	2.1 +	3.7	5.02	0.58 +	8.66	938.	60.	1.
374	0000	-842	37.8081	80.5123	MBF-1	0.4	2.0	4.2	4.56	0.48 +	9.49	952.	59.	1.
375	0000	-840	37.8075	80.5123	MBF-1	0.5	2.0	4.6	4.17	0.44	9.54	989.	60.	1.
376	0000	-842	37.8071	80.5123	MBF-1	0.5	2.1 +	5.1	4.31	0.42	10.36	1044.	60.	0.
377	0000	-841	37.8066	80.5123	MBF-1	0.5 +	2.3 +	5.3	4.31	0.44	9.75	1084.	62.	0.
378	0000	-841	37.8060	80.5123	MBF-2	0.6 -	2.2	5.5 -	3.50 ++	0.40 +	8.77 +	1132.	61.	1.
379	0000	-841	37.8055	80.5123	MBF-2	0.7 -	2.2	5.6 -	3.22 +	0.39 +	8.29 +	1171.	59.	1.
380	0000	-838	37.8050	80.5124	MBF-2	0.7 -	2.0	5.9 -	2.71 +	0.34 +	7.96	1205.	59.	1.
381	0000	-838	37.8045	80.5124	MBF-2	0.8 -	2.2	5.4 -	2.82 +	0.40 +	6.96	1219.	57.	2.
382	0000	-841	37.8040	80.5124	MBF-2	0.8 -	1.9	5.5 -	2.52 +	0.35 +	7.21	1199.	57.	2.
383	0000	-842	37.8035	80.5124	MBF-2	0.8 -	1.7	5.3 -	2.10	0.31	6.68	1196.	54.	3.
384	0000	-840	37.8030	80.5124	MBF-2	0.8 -	1.4	5.1 -	1.83	0.28	6.57	1188.	53.	4.
385	0000	-837	37.8025	80.5123	MBF-2	0.8 -	1.3 -	5.5 -	1.70	0.23	7.24	1173.	54.	4.
386	0000	-838	37.8020	80.5123	MBF-2	0.8 -	1.2 -	5.3 -	1.58	0.23	6.97	1169.	52.	5.
387	0000	-840	37.8015	80.5123	MBF-2	0.7 -	1.3 -	5.1 -	1.77	0.26	6.88	1171.	51.	5.
388	0000	-840	37.8010	80.5123	MBF-2	0.8 -	1.5	5.4 -	1.95	0.27	7.14	1211.	52.	4.
389	0000	-838	37.8005	80.5123	MBF-2	0.8 -	1.8	5.1 -	2.22	0.36 +	6.19	1273.	50.	4.
390	0000	-838	37.8000	80.5123	MBF-2	0.9	1.6	5.6 -	1.88	0.29	6.42	1285.	51.	4.
391	0000	-840	37.7995	80.5123	MBF-2	.9	1.9	5.8 -	2.11	0.33	6.40	1306.	52.	4.
392	0000	-841	37.7990	80.5123	MBF-2	0.9	2.0	5.4 -	2.25	0.37 +	6.11	1308.	49.	4.
393	0000	-841	37.7985	80.5123	MBF-2	0.9	2.2	5.3 -	2.50 +	0.42 ++	5.95	1311.	51.	4.
394	0000	-843	37.7980	80.5123	MBF-2	0.9	2.1	5.3 -	2.36	0.40 +	5.90	1315.	51.	4.
395	0000	-844	37.7974	80.5123	MBF-2	0.9	1.8	5.4 -	2.03	0.34 +	5.93	1312.	51.	6.
396	0000	-845	37.7970	80.5123	MBF-2	0.9	1.6	5.9 -	1.83	0.28	6.60	1306.	53.	6.
397	0000	-845	37.7965	80.5123	MBF-2	0.9	1.7	5.8 -	1.91	0.30	6.48	1324.	54.	7.
398	0000	-846	37.7960	80.5123	MBF-2	0.9	1.4	6.0 -	1.58	0.24	6.57	1345.	52.	8.
399	0000	-846	37.7954	80.5123	MBF-2	0.9	1.3 -	6.2	1.42	0.22	6.59	1382.	54.	9.
400	0000	-844	37.7949	80.5123	MBF-2	1.0	1.1 -	6.8	1.12 -	0.16 -	6.92	1411.	54.	10.
401	0000	-842	37.7945	80.5123	MBF-2	1.0	1.0 -	6.9	1.05 -	0.15 -	6.95	1439.	52.	10.
402	0000	-844	37.7940	80.5124	MBF-2	1.0	1.1 -	6.8	1.06 -	0.16 -	6.65	1463.	49.	10.
403	0000	-840	37.7934	80.5124	MBF-2	1.0	1.1 -	6.5	1.03 -	0.17 -	6.22	1459.	50.	10.
404	0000	-837	37.7929	80.5124	MBF-2	1.0	1.2 -	6.4	1.19 -	0.19 -	6.43	1451.	49.	9.
405	0000	-845	37.7925	80.5124	MBF-2	1.0	1.6	6.2	1.62	0.25	6.45	1422.	50.	8.
406	0000	-846	37.7919	80.5123	MBF-2	0.9	1.6	6.4	1.70	0.25	6.87	1379.	50.	6.
407	0000	-840	37.7914	80.5123	MBF-2	0.8	1.7	5.8 -	2.06	0.30	6.82	1344.	50.	5.
408	0000	-843	37.7909	80.5123	MBF-2	0.8 -	2.1	5.4 -	2.65 +	0.39 +	6.87	1300.	52.	3.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-843	37.7904	80.5123	MBF-2	0.7 -	2.3	5.4 -	3.33 ++	0.42 ++	8.00	1273.	54.	2.
410	0000	-840	37.7899	80.5123	MBF-2	0.6 -	2.5 +	5.5 -	4.08 ++	0.46 ++	8.80 +	1271.	54.	1.
411	0000	-841	37.7894	80.5123	MBF-1	0.6 +	2.8 ++	5.3	4.66	0.52 +	8.98	1277.	53.	0.
412	0000	-838	37.7889	80.5123	MG	0.6 -	2.7	5.6 -	4.25 +	0.49 +	8.69	1316.	53.	1.
413	0000	-837	37.7884	80.5123	MG	0.6 -	2.9	5.1 -	4.61 +	0.58 ++	7.98	1352.	54.	1.
414	0000	-838	37.7879	80.5123	MG	0.7	2.8	5.5 -	4.19 +	0.52 +	8.12	1394.	54.	3.
415	0000	-836	37.7874	80.5123	MG	0.7	2.9	6.1	3.98 +	0.48 +	8.37	1456.	53.	4.
416	0000	-838	37.7869	80.5123	MG	0.8	2.7	6.5	3.42	0.41	8.35	1481.	51.	6.
417	0000	-841	37.7864	80.5123	MG	0.8	2.4	6.2	2.97	0.39	7.68	1477.	51.	8.
418	0000	-838	37.7859	80.5123	MG	0.8	2.3	6.3	2.85	0.37	7.74	1487.	51.	9.
419	0000	-838	37.7854	80.5123	MG	0.8	2.2	6.3	2.77	0.34	8.11	1496.	51.	10.
420	0000	-840	37.7849	80.5123	MG	0.8	2.0	6.7	2.58	0.30	8.55	1515.	49.	11.
421	0000	-838	37.7843	80.5123	MG	0.8	2.3	6.7	2.81	0.34	8.17	1539.	49.	9.
422	0000	-836	37.7839	80.5123	MG	0.8	2.2	6.6	2.72	0.34	7.95	1559.	51.	10.
423	0000	-836	37.7833	80.5124	MG	0.8	2.2	6.2	2.69	0.36	7.43	1567.	54.	9.
424	0000	-836	37.7829	80.5124	MG	0.8	2.3	6.9	2.78	0.33	8.37	1603.	56.	9.
425	0000	-837	37.7823	80.5124	MG	0.9	2.3	7.0	2.62	0.33	7.84	1627.	57.	9.
426	0000	-839	37.7818	80.5124	MG	0.9	2.7	7.2	2.94	0.38	7.83	1686.	54.	8.
427	0000	-843	37.7813	80.5123	MG	1.0	2.8	7.3	2.86	0.38	7.45	1742.	52.	9.
428	0000	-843	37.7808	80.5123	MG	1.0	2.6	7.2	2.53	0.36	6.95	1794.	55.	11.
429	0000	-840	37.7803	80.5123	MG	1.1	2.4	7.3	2.24	0.34	6.65	1781.	54.	11.
430	0000	-838	37.7798	80.5123	MG	1.1	2.7	7.2	2.46	0.38	6.54	1780.	53.	11.
431	0000	-841	37.7793	80.5123	MG	1.1	2.7	6.8	2.42	0.40	6.08 -	1791.	50.	12.
432	0000	-842	37.7788	80.5123	MG	1.2	2.5	6.8	2.21	0.38	5.87 -	1832.	49.	13.
433	0000	-841	37.7784	80.5123	MG	1.2	2.4	7.0	2.04	0.34	6.04 -	1849.	50.	15.
434	0000	-838	37.7778	80.5123	MG	1.1	2.3	6.7	2.01	0.34	5.92 -	1856.	51.	18.
435	0000	-835	37.7773	80.5123	MG	1.1	2.1	7.1	1.85	0.30	6.23	1879.	50.	19.
436	0000	-837	37.7768	80.5123	MG	1.1	2.0	7.2	1.90	0.29	6.63	1930.	49.	22.
437	0000	-839	37.7763	80.5123	MG	1.1	1.9	7.3	1.84	0.26	6.96	1983.	47.	24.
438	0000	-837	37.7758	80.5123	MG	1.1	2.0	7.9	1.85	0.25	7.31	2044.	47.	25.
439	0000	-838	37.7753	80.5123	MG	1.1	2.1	8.1	1.92	0.26	7.42	2089.	45.	26.
440	0000	-839	37.7748	80.5123	MG	1.0	2.4	8.0	2.27	0.30	7.63	2095.	47.	26.
441	0000	-840	37.7742	80.5123	MG	1.1	2.3	8.5	2.12	0.27	7.76	2102.	48.	24.
442	0000	-842	37.7737	80.5123	MG	1.2	2.5	8.2	2.18	0.31	7.13	2113.	46.	24.
443	0000	-841	37.7733	80.5123	MG	1.2	2.7	7.9	2.25	0.35	6.48	2124.	50.	23.
444	0000	-839	37.7728	80.5123	MG	1.2	2.7	7.7	2.21	0.35	6.38	2105.	51.	24.
445	0000	-839	37.7723	80.5124	MG	1.1	2.7	7.0	2.37	0.39	6.09 -	2047.	50.	25.
446	0000	-838	37.7717	80.5124	MG	1.0	2.7	6.7	2.67	0.40	6.65	1957.	51.	26.
447	0000	-839	37.7713	80.5124	MG	1.0	2.2	6.3	2.22	0.35	6.25	1885.	51.	27.
448	0000	-839	37.7708	80.5123	MG	0.9	2.1	6.2	2.32	0.34	6.84	1835.	47.	28.
449	0000	-833	37.7702	80.5123	MG	0.7	2.1	6.2	2.92	0.34	8.54	1757.	48.	29.
450	0000	-833	37.7697	80.5123	MG	0.7	2.1	6.7	3.02	0.31	9.63	1738.	47.	29.
451	0000	-839	37.7692	80.5123	MG	0.7 -	2.3	6.8	3.49	0.34	10.19 +	1740.	47.	29.
452	0000	-839	37.7687	80.5123	MG	0.7	2.4	7.1	3.42	0.33	10.35 +	1756.	51.	27.
453	0000	-835	37.7682	80.5123	MG	0.7	2.5	7.5	3.51	0.33	10.52 +	1784.	53.	24.
454	0000	-834	37.7677	80.5123	MG	0.7	2.6	7.5	3.66	0.35	10.45 +	1802.	54.	23.
455	0000	-836	37.7672	80.5123	MG	0.7	3.2 +	7.2	4.35 +	0.44 +	9.89	1815.	56.	20.
456	0000	-833	37.7667	80.5123	MG	0.8	3.3 +	7.3	4.28 +	0.45 +	9.48	1815.	56.	17.
457	0000	-832	37.7662	80.5123	MG	0.7	3.4 +	7.1	4.74 +	0.48 +	9.92	1784.	54.	14.
458	0000	-833	37.7657	80.5123	MG	0.8	3.6 ++	6.9	4.69 +	0.52 +	8.97	1772.	53.	13.
459	0000	-828	37.7652	80.5123	MG	0.8	3.9 ++	6.7	4.89 +	0.57 ++	8.52	1774.	52.	11.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-831	37.7647	80.5123	MG	0.9	4.1 ++	6.4	4.67 +	0.64 ++	7.31	1784.	51.	11.
461	0000	-838	37.7642	80.5123	MG	0.9	4.1 ++	6.9	4.71 +	0.60 ++	7.92	1814.	50.	11.
462	0000	-834	37.7637	80.5123	MG	0.9	3.8 ++	7.5	4.07 +	0.51 +	8.05	1834.	52.	13.
463	0000	-833	37.7632	80.5123	MG	1.0	3.7 ++	7.4	3.86 +	0.51 +	7.61	1864.	53.	14.
464	0000	-833	37.7627	80.5123	MG	1.0	3.6 ++	7.5	3.58	0.48 +	7.47	1902.	54.	16.
465	0000	-829	37.7622	80.5123	MG	1.0	3.4 +	7.8	3.42	0.44 +	7.83	1933.	55.	17.
466	0000	-832	37.7617	80.5123	MG	1.0	3.3 +	7.8	3.33	0.41	8.04	1944.	54.	19.
467	0000	-833	37.7612	80.5124	MG	1.0	3.0 +	7.6	3.05	0.39	7.88	1942.	55.	22.
468	0000	-828	37.7607	80.5124	MG	0.9	3.2 +	7.6	3.38	0.42 +	8.09	1937.	56.	23.
469	0000	-832	37.7601	80.5123	MG	0.9	2.9 +	7.1	3.16	0.42 +	7.60	1920.	55.	25.
470	0000	-832	37.7596	80.5123	MG	0.9	2.8	7.1	3.08	0.39	7.80	1931.	55.	26.
471	0000	-825	37.7592	80.5123	MG	0.9	2.7	7.4	3.03	0.37	8.23	1940.	54.	28.
472	0000	-824	37.7587	80.5123	MG	0.9	2.6	7.4	2.90	0.35	8.29	1956.	56.	30.
473	0000	-827	37.7581	80.5123	MG	0.9	2.3	7.5	2.58	0.31	8.36	1980.	55.	32.
474	0000	-827	37.7576	80.5123	MG	0.8	2.4	8.0	2.84	0.29	9.66	2010.	53.	32.
475	0000	-827	37.7572	80.5123	MG	0.9	2.0	7.8	2.28	0.26	8.90	2049.	53.	33.
476	0000	-827	37.7567	80.5123	MG	0.8	2.6	8.0	3.09	0.32	9.61	2093.	55.	31.
477	0000	-826	37.7561	80.5123	MG	0.8	2.9	8.5	3.62	0.34	10.60 +	2125.	52.	30.
478	0000	-824	37.7556	80.5123	MG	0.9	2.9	8.2	3.31	0.35	9.39	2136.	54.	29.
479	0000	-828	37.7551	80.5123	MG	0.9	3.0 +	8.6 +	3.26	0.35	9.37	2147.	53.	27.
480	0000	-829	37.7546	80.5123	MG	0.9	3.2 +	9.1 +	3.38	0.35	9.70	2156.	54.	25.
481	0000	-824	37.7541	80.5123	MG	1.0	3.1 +	8.9 +	3.03	0.35	8.72	2151.	56.	25.
482	0000	-825	37.7536	80.5123	MG	1.1	2.9	8.7 +	2.76	0.33	8.25	2123.	53.	25.
483	0000	-826	37.7531	80.5123	MG	1.1	2.5	8.9 +	2.38	0.29	8.32	2107.	54.	25.
484	0000	-826	37.7526	80.5123	MG	1.1	2.3	8.4	2.05	0.27	7.67	2062.	56.	26.
485	0000	-829	37.7521	80.5123	MG	1.0	2.2	8.3	2.15	0.27	7.97	2035.	57.	27.
486	0000	-827	37.7516	80.5123	MG	1.0	2.2	8.1	2.17	0.27	8.01	2016.	56.	27.
487	0000	-823	37.7511	80.5123	MG	1.0	2.2	8.0	2.20	0.28	7.89	2000.	56.	27.
488	0000	-821	37.7505	80.5124	MG	1.0	2.3	8.3	2.30	0.27	8.47	2010.	55.	28.
489	0000	-820	37.7501	80.5124	MG	1.0	2.3	8.8 +	2.30	0.26	8.68	2060.	57.	28.
490	0000	-822	37.7496	80.5123	MG	1.1	2.3	8.9 +	2.13	0.26	8.16	2100.	55.	29.
491	0000	-822	37.7491	80.5123	MG	1.1	2.5	9.4 +	2.28	0.27	8.49	2156.	53.	29.
492	0000	-819	37.7486	80.5123	MG	1.2	2.3	9.7 +	1.94	0.24	8.07	2180.	50.	29.
493	0000	-821	37.7480	80.5123	MG	1.2	2.3	9.5 +	1.94	0.24	7.98	2171.	52.	31.
494	0000	-823	37.7476	80.5123	MG	1.2	2.2	9.2 +	1.87	0.24	7.75	2167.	52.	32.
495	0000	-824	37.7471	80.5123	MG	1.2	2.2	9.1 +	1.81	0.24	7.60	2145.	54.	33.
496	0000	-822	37.7466	80.5123	MG	1.1	2.3	8.7 +	2.05	0.27	7.68	2091.	54.	32.
497	0000	-817	37.7460	80.5123	MG	1.1	2.5	8.4	2.28	0.30	7.68	2061.	55.	31.
498	0000	-818	37.7455	80.5123	MG	1.1	2.4	8.1	2.15	0.30	7.22	2051.	54.	30.
499	0000	-820	37.7450	80.5123	MG	1.0	3.1 +	8.0	3.00	0.38	7.80	2060.	55.	28.
500	0000	-820	37.7445	80.5123	MG	1.1	3.0 +	8.3	2.77	0.36	7.69	2070.	51.	25.
501	0000	-822	37.7440	80.5123	MG	1.1	3.3 +	8.3	3.06	0.40	7.66	2076.	52.	22.
502	0000	-824	37.7435	80.5123	MG	1.1	3.5 +	7.9	3.20	0.44 +	7.21	2092.	48.	19.
503	0000	-822	37.7430	80.5123	MG	1.0	3.8 ++	8.3	3.66	0.46 +	7.93	2121.	47.	16.
504	0000	-822	37.7425	80.5123	MG	1.0	3.9 ++	8.3	3.78	0.46 +	8.13	2120.	47.	14.
505	0000	-821	37.7420	80.5123	MG	1.0	4.0 ++	7.9	4.03 +	0.50 +	8.02	2078.	47.	13.
506	0000	-817	37.7415	80.5123	MG	1.0	3.6 ++	7.7	3.65	0.47 +	7.74	2032.	48.	13.
507	0000	-816	37.7410	80.5123	MG	0.9	3.7 ++	7.3	3.92 +	0.51 +	7.75	2027.	49.	14.
508	0000	-816	37.7405	80.5123	MG	0.9	3.6 ++	7.2	3.82	0.50 +	7.65	2011.	51.	16.
509	0000	-810	37.7400	80.5123	MG	0.9	3.6 ++	7.2	4.04 +	0.50 +	8.10	1992.	55.	18.
510	0000	-812	37.7395	80.5124	MG	1.0	3.1 +	7.3	3.21	0.42 +	7.61	1967.	55.	20.

CP 9 IP 12

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-817	37.7390	80.5123		MG	1.0	2.9	7.2	3.00	0.40	7.42	1959.	56.	22.
512	0000	-818	37.7385	80.5123		MG	0.9	2.8	7.7	3.05	0.37	8.30	1964.	54.	24.
513	0000	-814	37.7380	80.5123		MG	0.9	2.8	7.6	2.91	0.37	7.96	1965.	54.	26.
514	0000	-812	37.7375	80.5123		MG	1.0	2.7	7.1	2.81	0.38	7.32	1944.	54.	26.
515	0000	-816	37.7370	80.5123		MG	0.9	2.8	7.2	3.01	0.39	7.74	1932.	51.	27.
516	0000	-816	37.7364	80.5123		MG	0.9	2.6	7.8	2.75	0.33	8.21	1954.	48.	26.
517	0000	-810	37.7360	80.5123		MG	0.9	2.8	7.1	3.12	0.40	7.86	1962.	49.	26.
518	0000	-811	37.7355	80.5123		MG	0.9	3.3 +	7.2	3.81	0.46 +	8.24	1987.	48.	25.
519	0000	-813	37.7349	80.5123		MG	0.9	3.5 +	6.6	4.02 +	0.54 +	7.44	1997.	50.	25.
520	0000	-814	37.7344	80.5123		MG	0.9	3.6 ++	6.7	3.99 +	0.53 +	7.48	1987.	49.	25.
521	0000	-814	37.7339	80.5123		MG	0.9	3.4 +	7.3	3.99 +	0.47 +	8.46	2009.	48.	26.
522	0000	-812	37.7335	80.5123		MG	0.9	3.1 +	7.2	3.66	0.43 +	8.49	2032.	51.	27.
523	0000	-812	37.7329	80.5123		MG	0.8	3.1 +	7.3	3.79	0.43 +	8.80	2039.	51.	28.
524	0000	-813	37.7324	80.5123		MG	0.8	3.1 +	7.4	3.77	0.42 +	9.05	2029.	51.	30.
525	0000	-809	37.7319	80.5123		MG	0.8	2.8	7.3	3.50	0.38	9.26	1981.	50.	32.
526	0000	-811	37.7314	80.5123		MG	0.7	2.4	7.4	3.18	0.32	9.92	1951.	50.	33.
527	0000	-815	37.7309	80.5123		MMCC	0.7	2.7 +	7.3	3.87 +	0.36	10.63	1961.	50.	34.
528	0000	-813	37.7304	80.5123		MMCC	0.7	2.7 +	7.6	3.78 +	0.36	10.63	1950.	50.	34.
529	0000	-812	37.7299	80.5123		MMCC	0.8	2.6 +	7.7	3.40 +	0.34	10.03	1939.	48.	34.
530	0000	-813	37.7294	80.5123		MMCC	0.8	2.6 +	7.2	3.36 +	0.36	9.30	1912.	48.	35.
531	0000	-812	37.7289	80.5124		MMCC	0.8	2.6 +	7.3	3.27	0.36	9.21	1900.	47.	34.
532	0000	-813	37.7284	80.5124		MPO	0.8	2.4	7.4	2.87	0.32	8.90	1904.	48.	34.
533	0000	-817	37.7279	80.5124		MPO	0.9	2.3	7.6	2.54	0.31	8.20	1924.	47.	33.
534	0000	-817	37.7274	80.5124		MPO	1.0 +	2.0	8.2	1.99	0.24	8.15	1974.	47.	33.
535	0000	-814	37.7269	80.5124		MPO	1.0 +	2.1	7.4	1.99	0.28	7.15 -	1947.	47.	32.
536	0000	-815	37.7263	80.5124		MPO	1.0 +	2.2	7.1	2.18	0.31	7.01 -	1912.	49.	30.
537	0000	-816	37.7258	80.5124		MMCC	1.0	2.4	6.9	2.30	0.35	6.65	1876.	50.	27.
538	0000	-818	37.7253	80.5124		MMCC	1.1	2.3	6.7	2.12	0.33	6.33	1838.	50.	26.
539	0000	-817	37.7248	80.5124		MMCC	1.1	2.4	6.4	2.23	0.37 +	6.01	1789.	51.	24.
540	0000	-814	37.7243	80.5124		MMCC	1.0	2.2	6.2	2.22	0.36	6.23	1716.	52.	22.
541	0000	-816	37.7237	80.5124		MMCC	0.9	2.1	5.7	2.23	0.37 +	6.09	1602.	52.	20.
542	0000	-817	37.7232	80.5125		MMCC	0.9	1.8	5.8	2.05	0.31	6.68	1543.	54.	18.
543	0000	-813	37.7227	80.5125		MMCC	0.9	1.6	5.9	1.90	0.28	6.85	1500.	54.	18.
544	0000	-812	37.7222	80.5125		MMCC	0.8	1.4 -	5.9	1.78	0.24	7.35	1480.	54.	17.
545	0000	-814	37.7217	80.5125		MMCC	0.7	1.6	5.9	2.18	0.28	7.81	1477.	54.	16.
546	0000	-817	37.7212	80.5125		MMCC	0.7	1.5 -	5.7	2.05	0.25	8.10	1448.	54.	16.
547	0000	-816	37.7207	80.5126		MPO	0.7	1.5	5.7	2.30	0.27	8.44	1416.	54.	15.
548	0000	-814	37.7201	80.5127		MPO	0.6	1.6	5.5	2.49	0.29	8.58	1376.	55.	14.
549	0000	-818	37.7196	80.5127		MPO	0.6	1.9	5.5	3.19	0.34	9.33	1365.	54.	13.
550	0000	-817	37.7191	80.5127		MPO	0.6	2.0	5.3	3.45	0.37 +	9.27	1355.	52.	12.
551	0000	-812	37.7186	80.5127		MPO	0.6	1.9	5.4	2.98	0.35	8.52	1357.	54.	12.
552	0000	-812	37.7181	80.5127		MPO	0.7	2.2	5.5	3.27	0.40 +	8.29	1371.	53.	10.
553	0000	-816	37.7175	80.5127		MPO	0.7	2.4	5.9	3.22	0.40 +	8.06	1428.	54.	8.
554	0000	-820	37.7170	80.5127		MMCC	0.8	2.6 +	6.4	3.16	0.40 +	7.82	1533.	54.	6.
555	0000	-820	37.7165	80.5127		MMCC	0.9	2.9 +	6.8	3.08	0.42 +	7.28	1654.	55.	6.
556	0000	-816	37.7160	80.5127		MMCC	1.1	3.1 +	7.2	2.81	0.43 +	6.60	1750.	54.	5.
557	0000	-814	37.7155	80.5128		MMCC	1.2	3.1 +	7.4	2.58	0.42 +	6.21	1833.	55.	5.
558	0000	-816	37.7150	80.5128		MMCC	1.2	3.3 ++	7.8	2.73	0.43 +	6.37	1900.	56.	6.
559	0000	-816	37.7145	80.5128		MMCC	1.3	3.0 +	7.9	2.30	0.38 +	5.99	1929.	60.	7.
560	0000	-811	37.7140	80.5128		MMCC	1.4	3.0 +	8.0	2.20	0.38 +	5.87	1975.	59.	9.
561	0000	-815	37.7135	80.5128		MMCC	1.3	2.9 +	8.0	2.22	0.37 +	6.07	1960.	58.	10.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-819	37.7130	80.5129	MMCC	1.2	2.8 +	7.7	2.29	0.36	6.32	1880.	57.	11.
563	0000	-815	37.7124	80.5129	MPO	1.1 +	2.4 +	7.3	2.25	0.34	6.71 -	1804.	57.	13.
564	0000	-814	37.7119	80.5129	MPO	0.9	2.4	7.2	2.49	0.33	7.59 -	1716.	54.	13.
565	0000	-818	37.7114	80.5129	MPO	0.9	2.1	6.4	2.46	0.33	7.49 -	1597.	52.	14.
566	0000	-817	37.7109	80.5129	MPO	0.7	1.9	6.0	2.53	0.31	8.13	1500.	50.	13.
567	0000	-819	37.7104	80.5130	MPO	0.6	1.6	5.7	2.59	0.29	9.07	1367.	48.	13.
568	0000	-823	37.7099	80.5130	MPO	0.6	1.4	5.1	2.29	0.26	8.67	1255.	50.	12.
569	0000	-822	37.7094	80.5130	MPO	0.6	1.3 -	5.0	2.11	0.25	8.39	1198.	50.	11.
570	0000	-820	37.7088	80.5130	MPO	0.6	1.4	4.8	2.46	0.29	8.41	1141.	53.	9.
571	0000	-819	37.7083	80.5130	MPO	0.6	1.3	4.5 -	2.39	0.30	8.07	1089.	54.	9.
572	0000	-821	37.7078	80.5131	MPO	0.5	1.2 -	4.4 -	2.40	0.28	8.47	1047.	56.	8.
573	0000	-820	37.7073	80.5131	MPO	0.5	1.3	4.4 -	2.58	0.30	8.66	1009.	57.	7.
574	0000	-821	37.7068	80.5131	MPO	0.5	1.4	4.3 -	2.74	0.32	8.57	987.	58.	7.
575	0000	-823	37.7062	80.5131	MPO	0.5	1.4	4.1 -	2.98	0.34	8.69	961.	56.	6.
576	0000	-825	37.7057	80.5131	MPO	0.4	1.3 -	4.0 -	2.97	0.32	9.34	937.	57.	7.
577	0000	-825	37.7052	80.5132	MPO	0.4 -	1.0 -	4.1 -	2.47	0.26	9.64	927.	53.	9.
578	0000	-821	37.7047	80.5132	MPO	0.4	1.1 -	4.1 -	2.54	0.26	9.62	927.	52.	9.
579	0000	-818	37.7042	80.5132	MPO	0.4 -	1.1 -	4.1 -	2.79	0.27	10.37	918.	51.	9.
580	0000	-818	37.7037	80.5132	MPO	0.4 -	1.0 -	4.1 -	2.82	0.25	11.41	900.	51.	9.
581	0000	-819	37.7032	80.5132	MPO	0.3 -	1.1 -	3.9 -	3.14	0.28	11.32	884.	51.	9.
582	0000	-821	37.7027	80.5132	MPO	0.3 -	1.1 -	3.9 -	3.12	0.28	11.27	875.	50.	9.
583	0000	-821	37.7022	80.5132	MPO	0.4 -	1.2 -	3.6 -	3.35	0.33	10.02	872.	49.	9.
584	0000	-824	37.7017	80.5132	MPO	0.4 -	1.3	3.4 -	3.82	0.40 +	9.58	862.	51.	8.
585	0000	-825	37.7011	80.5132	MPO	0.3 -	1.6	3.3 --	4.71 +	0.47 +	9.97	851.	52.	7.
586	0000	-822	37.7006	80.5132	MPO	0.3 -	1.8	3.4 -	5.62 +	0.54 ++	10.45	871.	52.	6.
587	0000	-823	37.7001	80.5132	MPO	0.3 -	2.1	3.4 -	6.62 ++	0.60 ++	11.04	886.	53.	5.
588	0000	-823	37.6996	80.5134	MPO	0.3 -	2.0	3.5 -	6.83 ++	0.58 ++	11.74	904.	54.	5.
589	0000	-818	37.6991	80.5134	MPO	0.3 -	2.3	3.5 -	8.06 ++	0.66 ++	12.30	928.	56.	5.
590	0000	-823	37.6985	80.5134	MPO	0.3 -	2.4 +	3.6 -	7.41 ++	0.67 +++	11.13	960.	55.	5.
591	0000	-822	37.6980	80.5134	MPO	0.4 -	2.4 +	3.6 -	6.76 ++	0.67 +++	10.07	1001.	55.	7.
592	0000	-819	37.6975	80.5134	MPO	0.4 -	2.5 +	3.7 -	6.49 ++	0.67 +++	9.76	1039.	55.	8.
593	0000	-827	37.6970	80.5134	MPO	0.5	2.3	3.7 -	5.00 +	0.61 ++	8.21	1069.	55.	9.
594	0000	-828	37.6965	80.5134	MPO	0.5	2.2	3.8 -	4.47 +	0.57 ++	7.84	1116.	55.	11.
595	0000	-823	37.6960	80.5134	MPO	0.5	2.2	3.7 -	4.38 +	0.60 ++	7.31 -	1157.	53.	12.
596	0000	-829	37.6955	80.5134	MPO	0.6	2.1	3.7 -	3.69	0.57 ++	6.44 -	1197.	53.	14.
597	0000	-829	37.6949	80.5135	MPO	0.6	1.9	4.2 -	3.15	0.45 +	7.04 -	1258.	56.	16.
598	0000	-824	37.6944	80.5135	MPO	0.7	1.9	4.7	2.85	0.41 +	6.98 -	1353.	56.	16.
599	0000	-827	37.6939	80.5135	MPO	0.7	1.7	5.0	2.33	0.35	6.67 -	1448.	55.	19.
600	0000	-827	37.6934	80.5135	MPO	0.8	1.8	5.5	2.37	0.33	7.16 -	1547.	53.	21.
601	0000	-826	37.6929	80.5135	MPO	0.9	1.8	5.7	2.08	0.31	6.69 -	1632.	51.	22.
602	0000	-832	37.6924	80.5135	MPO	0.9	1.8	6.4	2.02	0.28	7.31 -	1707.	50.	24.
603	0000	-832	37.6918	80.5136	MPO	0.9	1.7	6.5	1.93	0.27	7.16 -	1764.	49.	25.
604	0000	-827	37.6914	80.5136	MPO	0.9	1.9	6.0	2.20	0.32	6.86 -	1778.	47.	26.
605	0000	-827	37.6909	80.5136	MPO	0.8	1.8	6.1	2.19	0.29	7.47 -	1742.	48.	26.
606	0000	-827	37.6904	80.5136	MPO	0.8	1.9	5.9	2.39	0.32	7.49 -	1718.	49.	25.
607	0000	-827	37.6898	80.5136	MPO	0.8	2.0	5.5	2.37	0.36	6.58 -	1708.	51.	25.
608	0000	-834	37.6893	80.5137	MPO	0.9	1.9	5.9	2.15	0.33	6.53 -	1755.	52.	24.
609	0000	-834	37.6888	80.5137	MMCC	1.0	2.0	5.9	2.01	0.34	5.92	1807.	54.	24.
610	0000	-832	37.6883	80.5137	MMCC	1.1	2.0	6.4	1.86	0.32	5.82	1860.	54.	23.
611	0000	-834	37.6878	80.5137	MMCC	1.2	2.1	7.4	1.72	0.28	6.04	1938.	53.	21.
612	0000	-834	37.6872	80.5137	MMCC	1.3	2.3	7.4	1.77	0.31	5.65	2022.	51.	21.

CP 9 IP 12

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-836	37.6867	80.5138		MMCC	1.4	2.3	7.8	1.70	0.30	5.73	2055.	52.	20.
614	0000	-838	37.6862	80.5138		MMCC	1.3	2.1	7.8	1.61	0.27	5.92	2015.	50.	20.
615	0000	-835	37.6857	80.5138		MG	1.2	2.3	6.9	1.88	0.33	5.77 -	1879.	51.	19.
616	0000	-834	37.6852	80.5138		MG	1.0	2.3	6.0 -	2.22	0.39	5.76 -	1745.	49.	17.
617	0000	-837	37.6847	80.5138		MG	0.9	2.4	5.3 -	2.54	0.45 +	5.71 -	1629.	52.	16.
618	0000	-835	37.6842	80.5139		MG	0.8	2.2	4.4 --	2.82	0.51 +	5.58 -	1494.	55.	16.
619	0000	-835	37.6836	80.5139		MG	0.6 -	2.4	4.1 --	3.97 +	0.60 ++	6.64	1374.	55.	14.
620	0000	-834	37.6831	80.5139		MG	0.5 -	2.6	3.7 --	5.16 +	0.70 ++	7.37	1306.	56.	12.
621	0000	-831	37.6826	80.5139		MG	0.4 -	2.9	3.8 --	6.92 ++	0.76 +++	9.06	1282.	58.	11.
622	0000	-831	37.6821	80.5139		MG	0.4 --	3.1 +	4.0 --	8.16 ++	0.76 +++	10.68 +	1289.	58.	9.
623	0000	-834	37.6816	80.5140		MG	0.4 -	3.1 +	4.4 --	7.85 ++	0.70 ++	11.15 +	1298.	59.	8.
624	0000	-833	37.6810	80.5140		MG	0.4 --	3.2 +	4.7 --	8.44 ++	0.68 ++	12.38 +	1321.	55.	7.
625	0000	-830	37.6805	80.5140		MG	0.4 --	3.6 ++	4.9 -	10.28 +++	0.75 +++	13.69 ++	1345.	55.	5.
626	0000	-828	37.6800	80.5140		MG	0.4 --	3.6 ++	5.0 -	9.41 ++	0.72 ++	13.08 ++	1351.	56.	4.
627	0000	-830	37.6795	80.5140		MG	0.4 --	3.6 +	5.0 -	9.35 ++	0.71 ++	13.07 ++	1346.	54.	4.
628	0000	-833	37.6790	80.5140		MG	0.4 -	3.4 +	5.2 -	8.66 ++	0.66 ++	13.18 ++	1337.	53.	4.
629	0000	-831	37.6785	80.5141		MG	0.5 -	3.1 +	5.4 -	6.73 ++	0.57 ++	11.75 +	1347.	52.	5.
630	0000	-832	37.6780	80.5141		MG	0.4 -	3.1 +	5.3 -	6.97 ++	0.59 ++	11.82 +	1357.	50.	5.
631	0000	-837	37.6775	80.5141		MG	0.4 -	3.1 +	5.4 -	7.20 ++	0.58 ++	12.37 +	1358.	50.	6.
632	0000	-835	37.6770	80.5141		MG	0.5 -	2.8	5.5 -	6.04 +	0.50 +	12.05 +	1375.	48.	7.
633	0000	-835	37.6765	80.5141		MG	0.5 -	2.9	5.5 -	6.17 ++	0.53 +	11.58 +	1407.	49.	7.
634	0000	-837	37.6760	80.5141		MG	0.5 -	3.1 +	5.6 -	5.92 +	0.55 +	10.67 +	1450.	49.	7.
635	0000	-836	37.6754	80.5141		MG	0.5 -	3.5 +	5.5 -	6.67 ++	0.63 ++	10.53 +	1506.	50.	7.
636	0000	-836	37.6749	80.5142		MG	0.5 -	3.9 ++	5.5 -	8.52 ++	0.72 ++	11.91 +	1546.	51.	6.
637	0000	-839	37.6744	80.5142		MG	0.5 -	4.1 ++	5.6 -	8.59 ++	0.74 ++	11.64 +	1590.	54.	6.
638	0000	-839	37.6739	80.5142		MG	0.5 -	4.2 +++	5.9 -	8.98 ++	0.72 ++	12.56 +	1616.	56.	5.
639	0000	-837	37.6734	80.5142		MG	0.5 -	4.5 +++	6.1	9.36 ++	0.74 ++	12.69 +	1637.	59.	4.
640	0000	-837	37.6729	80.5142		MG	0.5 -	4.4 +++	6.2	8.29 ++	0.71 ++	11.65 +	1679.	58.	4.
641	0000	-838	37.6723	80.5142		MG	0.5 -	4.4 +++	6.3	8.05 ++	0.69 ++	11.59 +	1708.	59.	4.
642	0000	-836	37.6718	80.5142		MG	0.7 -	4.2 +++	6.3	6.43 ++	0.66 ++	9.71	1739.	58.	5.
643	0000	-838	37.6713	80.5142		MG	0.7	4.2 ++	6.1	5.93 +	0.68 ++	8.73	1769.	57.	5.
644	0000	-839	37.6708	80.5144		MG	0.7	3.9 ++	6.2	5.33 +	0.63 ++	8.42	1771.	55.	6.
645	0000	-836	37.6703	80.5144		MG	0.8	4.0 ++	6.3	5.16 +	0.63 ++	8.19	1786.	54.	6.
646	0000	-836	37.6697	80.5144		MG	0.8	3.8 ++	6.7	4.71 +	0.57 ++	8.25	1813.	53.	5.
647	0000	-835	37.6692	80.5144		MG	0.8	3.7 ++	6.9	4.53 +	0.54 +	8.46	1816.	51.	5.
648	0000	-833	37.6687	80.5144		MG	0.9	3.6 ++	7.2	4.12 +	0.50 +	8.22	1820.	50.	4.
649	0000	-839	37.6682	80.5144		MG	0.8	3.8 ++	7.3	4.74 +	0.52 +	9.06	1810.	51.	3.
650	0000	-841	37.6677	80.5144		MG	0.8	3.7 ++	8.0	4.60 +	0.47 +	9.84	1799.	53.	2.
651	0000	-834	37.6672	80.5144		MG	0.8	3.7 ++	8.2	4.52 +	0.45 +	10.12	1794.	54.	1.
652	0000	-835	37.6667	80.5144		MG	0.9	3.4 +	8.4	4.05 +	0.41	9.90	1787.	52.	1.
653	0000	-838	37.6662	80.5145		MG	0.8	3.6 +	8.1	4.20 +	0.44 +	9.60	1736.	51.	1.
654	0000	-837	37.6657	80.5145		MG	0.9	3.4 +	8.0	3.98 +	0.43 +	9.21	1692.	53.	1.
655	0000	-842	37.6652	80.5145		MG	0.8	3.1 +	7.7	3.69	0.40	9.14	1629.	51.	1.
656	0000	-845	37.6646	80.5145		MG	0.9	2.6	7.7	3.05	0.34	8.99	1579.	50.	1.
657	0000	-837	37.6641	80.5145		MG	0.8	2.5	7.3	3.08	0.35	8.86	1526.	47.	2.
658	0000	-834	37.6636	80.5145		MG	0.8	2.4	7.4	3.14	0.32	9.66	1489.	45.	2.
659	0000	-838	37.6631	80.5146		MG	0.7	2.3	7.3	3.16	0.32	10.01	1444.	45.	3.
660	0000	-838	37.6626	80.5146		MG	0.7	2.0	7.1	2.94	0.29	10.28 +	1413.	47.	3.
661	0000	-838	37.6620	80.5146		MG	0.7	2.1	7.0	2.99	0.29	10.16 +	1387.	48.	4.
662	0000	-843	37.6615	80.5146		MG	0.6 -	2.5	6.9	4.23 +	0.36	11.74 +	1403.	50.	4.
663	0000	-843	37.6610	80.5146		MG	0.6 -	2.7	6.8	4.39 +	0.39	11.18 +	1444.	50.	6.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-841	37.6605	80.5147	MG	0.7	2.8	6.8	4.00 +	0.41	9.72	1504.	51.	7.
665	0000	-842	37.6600	80.5147	MG	0.8	3.1 +	6.9	4.06 +	0.44 +	9.15	1577.	53.	7.
666	0000	-840	37.6595	80.5147	MG	0.8	3.3 +	7.2	4.01 +	0.46 +	8.59	1668.	54.	8.
667	0000	-837	37.6590	80.5147	MG	0.9	3.6 ++	7.3	4.13 +	0.50 +	8.33	1769.	54.	8.
668	0000	-842	37.6584	80.5147	MG	0.9	3.5 +	7.6	3.73	0.46 +	8.07	1844.	55.	9.
669	0000	-844	37.6579	80.5148	MG	1.0	3.3 +	7.9	3.22	0.42 +	7.54	1909.	53.	10.
670	0000	-843	37.6574	80.5148	MG	1.1	3.4 +	8.2	3.11	0.41	7.55	1929.	53.	8.
671	0000	-841	37.6569	80.5148	MG	1.1	3.3 +	8.4	3.09	0.39	7.96	1939.	53.	8.
672	0000	-839	37.6564	80.5148	MG	1.1	3.3 +	7.9	3.12	0.42 +	7.41	1936.	54.	9.
673	0000	-843	37.6559	80.5148	MG	1.1	3.2 +	7.7	3.07	0.42 +	7.34	1930.	55.	9.
674	0000	-844	37.6553	80.5148	MG	1.1	3.3 +	8.1	3.09	0.40	7.65	1910.	56.	9.
675	0000	-838	37.6548	80.5149	MG	1.0	3.2 +	8.3	3.37	0.39	8.73	1887.	54.	9.
676	0000	-838	37.6543	80.5149	MG	0.9	3.0 +	8.4	3.30	0.36	9.17	1843.	56.	10.
677	0000	-841	37.6539	80.5149	MG	0.9	3.0 +	8.2	3.52	0.37	9.62	1811.	56.	11.
678	0000	-839	37.6533	80.5149	MG	0.8	3.2 +	7.9	3.93 +	0.41	9.68	1796.	57.	11.
679	0000	-837	37.6528	80.5149	MG	0.8	2.9	8.4	3.51	0.35	10.12 +	1796.	55.	12.
680	0000	-837	37.6523	80.5149	MG	0.8	3.0 +	8.5	3.70	0.35	10.59 +	1793.	53.	13.
681	0000	-842	37.6518	80.5149	MG	0.8	2.7	8.6	3.39	0.32	10.67 +	1802.	51.	13.
682	0000	-846	37.6513	80.5149	MG	0.9	3.2 +	8.2	3.54	0.39	9.03	1840.	50.	12.
683	0000	-845	37.6507	80.5149	MG	0.9	3.4 +	8.0	3.77	0.43 +	8.80	1862.	50.	12.
684	0000	-843	37.6502	80.5149	MG	0.9	3.4 +	8.3	3.66	0.41	9.02	1878.	49.	10.
685	0000	-840	37.6497	80.5150	MG	1.0	3.1 +	9.1 +	3.23	0.34	9.38	1885.	49.	10.
686	0000	-840	37.6492	80.5150	MG	1.0	3.1 +	9.1 +	3.20	0.34	9.46	1871.	49.	8.
687	0000	-843	37.6487	80.5150	MG	0.9	3.2 +	8.7 +	3.41	0.37	9.23	1837.	53.	7.
688	0000	-840	37.6482	80.5150	MG	0.9	3.4 +	8.6 +	3.75	0.39	9.53	1814.	53.	7.
689	0000	-841	37.6477	80.5150	MG	0.9	3.1 +	8.7 +	3.56	0.36	10.01	1790.	53.	6.
690	0000	-845	37.6471	80.5151	MG	0.9	3.0 +	8.9 +	3.52	0.34	10.38 +	1770.	51.	5.
691	0000	-842	37.6466	80.5151	MG	0.9	3.2 +	8.6 +	3.67	0.37	9.96	1754.	53.	4.
692	0000	-837	37.6461	80.5152	MG	0.8	3.3 +	8.3	3.91 +	0.39	9.94	1746.	52.	3.
693	0000	-841	37.6456	80.5152	MG	0.8	3.6 ++	8.0	4.46 +	0.45 +	9.86	1744.	51.	2.
694	0000	-838	37.6451	80.5152	MG	0.8	3.5 +	8.1	4.33 +	0.44 +	9.93	1742.	48.	2.
695	0000	-832	37.6445	80.5152	MG	0.9	3.4 +	8.3	3.86	0.41	9.29	1751.	47.	1.
696	0000	-835	37.6440	80.5152	MG	0.9	3.3 +	8.5	3.79	0.39	9.78	1748.	47.	2.
697	0000	-840	37.6435	80.5152	MG	0.9	3.2 +	8.2	3.55	0.39	9.15	1743.	46.	3.
698	0000	-838	37.6430	80.5152	MG	0.9	2.9	8.1	3.30	0.36	9.08	1720.	48.	5.
699	0000	-837	37.6425	80.5152	MG	0.9	2.7	8.2	3.20	0.33	9.61	1698.	46.	6.
700	0000	-835	37.6420	80.5153	MG	0.8	2.5	8.2	3.11	0.31	10.08	1669.	48.	7.
701	0000	-834	37.6415	80.5153	MG	0.8	2.4	8.5	2.86	0.28	10.24 +	1662.	49.	7.
702	0000	-836	37.6410	80.5153	MG	0.8	2.3	8.1	3.08	0.29	10.73 +	1638.	51.	8.
703	0000	-835	37.6405	80.5153	MG	0.7	2.2	7.9	3.04	0.28	10.70 +	1606.	52.	8.
704	0000	-837	37.6400	80.5153	MG	0.7	2.2	8.2	3.19	0.27	11.63 +	1596.	52.	8.
705	0000	-839	37.6394	80.5154	MG	0.7	2.4	8.6 +	3.31	0.28	12.00 +	1621.	52.	7.
706	0000	-837	37.6389	80.5154	MG	0.7	2.5	8.0	3.34	0.31	10.76 +	1621.	53.	7.
707	0000	-839	37.6384	80.5154	MG	0.8	2.5	8.0	3.34	0.32	10.51 +	1642.	54.	8.
708	0000	-839	37.6379	80.5154	MG	0.7	2.6	7.7	3.58	0.34	10.53 +	1650.	55.	8.
709	0000	-837	37.6374	80.5154	MG	0.8	2.5	7.7	3.36	0.33	10.28 +	1651.	54.	7.
710	0000	-839	37.6369	80.5155	MG	0.7	2.7	7.8	3.81	0.35	10.94 +	1667.	54.	7.
711	0000	-836	37.6364	80.5155	MG	0.7	2.7	7.5	3.79	0.36	10.39 +	1671.	55.	7.
712	0000	-831	37.6358	80.5155	MG	0.7	2.9	7.3	4.09 +	0.39	10.50 +	1680.	55.	7.
713	0000	-833	37.6353	80.5155	MG	0.7	2.9	7.9	4.00 +	0.36	11.08 +	1699.	57.	6.
714	0000	-836	37.6348	80.5155	MG	0.7	3.0 +	7.7	4.17 +	0.39	10.64 +	1701.	57.	6.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-836	37.6343	80.5156	MG	0.7	3.1 +	8.0	4.22 +	0.38	11.01 +	1702.	56.	5.
716	0000	-836	37.6338	80.5156	MG	0.8	3.2 +	8.3	4.19 +	0.38	10.90 +	1716.	56.	5.
717	0000	-833	37.6332	80.5156	MG	0.8	3.2 +	7.9	4.00 +	0.40	9.88	1706.	58.	5.
718	0000	-836	37.6327	80.5156	MG	0.8	3.2 +	8.2	3.82	0.38	9.95	1707.	58.	5.
719	0000	-839	37.6322	80.5156	MG	0.8	3.1 +	8.4	3.99 +	0.37	10.84 +	1696.	56.	6.
720	0000	-838	37.6317	80.5157	MG	0.8	3.0 +	8.1	3.93 +	0.37	10.50 +	1669.	54.	7.
721	0000	-838	37.6312	80.5157	MG	0.8	2.8	8.2	3.62	0.35	10.44 +	1636.	55.	8.
722	0000	-842	37.6307	80.5157	MG	0.8	2.8	7.9	3.45	0.35	9.74	1625.	54.	9.
723	0000	-846	37.6302	80.5157	MG	0.8	2.6	7.3	3.34	0.36	9.28	1600.	54.	11.
724	0000	-846	37.6296	80.5157	MG	0.8	2.7	7.5	3.38	0.36	9.34	1601.	53.	10.
725	0000	-838	37.6292	80.5157	MG	0.8	3.0 +	7.3	3.69	0.41	9.05	1611.	52.	10.
726	0000	-835	37.6286	80.5157	MG	0.9	2.9	7.1	3.44	0.42 +	8.26	1611.	52.	9.
727	0000	-840	37.6281	80.5157	MG	0.9	2.9	7.5	3.39	0.39	8.68	1623.	53.	7.
728	0000	-837	37.6275	80.5157	MG	0.9	3.0 +	7.8	3.31	0.38	8.72	1650.	53.	5.
729	0000	-833	37.6270	80.5156	MG	0.9	3.0 +	7.9	3.22	0.38	8.55	1671.	52.	4.
730	0000	-836	37.6265	80.5157	MG	1.0	3.1 +	8.6 +	3.24	0.36	8.97	1722.	51.	2.
731	0000	-837	37.6260	80.5157	MG	1.1	2.8	8.8 +	2.65	0.32	8.24	1755.	53.	2.
732	0000	-836	37.6255	80.5157	MG	1.1	2.5	8.8 +	2.23	0.29	7.74	1754.	55.	2.
733	0000	-839	37.6250	80.5155	MG	1.2	2.4	9.3 +	2.05	0.26	7.94	1774.	58.	1.
734	0000	-842	37.6244	80.5155	MG	1.3 +	2.4	8.8 +	1.86	0.27	6.95	1799.	58.	2.
735	0000	-836	37.6239	80.5155	MG	1.3 +	2.3	9.0 +	1.71	0.25	6.78	1824.	58.	2.
736	0000	-833	37.6234	80.5155	MG	1.4 +	2.1	9.1 +	1.52 -	0.23 -	6.55	1846.	58.	2.
737	0000	-842	37.6228	80.5155	MG	1.4 +	1.9	8.8 +	1.32 -	0.21 -	6.15 -	1850.	59.	4.
738	0000	-842	37.6223	80.5155	MG	1.4 +	2.2	8.3	1.58	0.26	6.06 -	1859.	58.	4.
739	0000	-839	37.6218	80.5155	MG	1.4 +	2.2	8.7 +	1.61	0.25	6.37	1880.	55.	4.
740	0000	-843	37.6213	80.5154	MG	1.4 +	2.1	8.6	1.49 -	0.24	6.09 -	1883.	53.	5.
741	0000	-844	37.6208	80.5154	MG	1.3 +	2.4	8.9 +	1.82	0.26	6.93	1898.	51.	4.
742	0000	-841	37.6202	80.5154	MG	1.3 +	2.4	8.5	1.85	0.29	6.46	1896.	50.	4.
743	0000	-840	37.6197	80.5154	MG	1.2 +	2.6	8.5	2.12	0.31	6.88	1882.	53.	4.
744	0000	-837	37.6192	80.5154	MG	1.2	3.1 +	9.0 +	2.60	0.34	7.65	1886.	52.	2.
745	0000	-837	37.6187	80.5154	MG	1.2	3.1 +	9.4 +	2.60	0.33	7.98	1871.	54.	2.
746	0000	-838	37.6182	80.5154	MG	1.2	3.0 +	9.2 +	2.55	0.33	7.69	1859.	56.	1.
747	0000	-840	37.6176	80.5153	MG	1.2	3.4 +	8.7 +	2.97	0.40	7.51	1852.	56.	1.
748	0000	-844	37.6171	80.5153	MG	1.2	3.5 +	8.1	2.94	0.42 +	6.92	1834.	60.	1.
749	0000	-841	37.6166	80.5153	MG	1.1	3.5 +	8.1	3.05	0.43 +	7.12	1833.	62.	1.
750	0000	-836	37.6160	80.5153	MG	1.1	3.4 +	8.1	3.08	0.42 +	7.28	1836.	62.	2.
751	0000	-839	37.6155	80.5153	MG	1.1	3.4 +	7.6	2.94	0.44 +	6.62	1814.	62.	4.
752	0000	-843	37.6150	80.5153	MG	1.1	3.2 +	7.5	2.87	0.43 +	6.69	1817.	59.	6.
753	0000	-843	37.6145	80.5153	MG	1.1	3.3 +	7.5	3.10	0.44 +	7.02	1835.	60.	7.
754	0000	-840	37.6140	80.5152	MG	1.1	3.0 +	7.9	2.71	0.38	7.10	1857.	59.	9.
755	0000	-835	37.6134	80.5152	MG	1.1	3.0 +	8.0	2.64	0.38	7.04	1881.	56.	11.
756	0000	-836	37.6129	80.5152	MG	1.1	3.1 +	8.4	2.75	0.36	7.54	1887.	52.	11.
757	0000	-837	37.6124	80.5152	MG	1.2	3.0 +	8.1	2.61	0.37	7.03	1878.	52.	12.
758	0000	-838	37.6119	80.5152	MG	1.2	2.8	7.9	2.38	0.35	6.71	1888.	53.	12.
759	0000	-839	37.6113	80.5152	MG	1.2	2.8	8.0	2.36	0.35	6.71	1892.	56.	11.
760	0000	-838	37.6108	80.5152	MG	1.2	2.8	8.0	2.29	0.34	6.64	1859.	54.	11.
761	0000	-842	37.6103	80.5151	MG	1.2	2.7	7.5	2.35	0.36	6.47	1818.	55.	11.
762	0000	-847	37.6098	80.5151	MG	1.2	2.7	7.5	2.30	0.36	6.30	1817.	56.	10.
763	0000	-840	37.6093	80.5151	MG	1.2	2.7	7.4	2.15	0.36	5.99 -	1835.	57.	9.
764	0000	-838	37.6087	80.5150	MG	1.3 +	2.4	7.4	1.90	0.33	5.70 -	1848.	58.	9.
765	0000	-846	37.6082	80.5150	MG	1.3 +	2.4	7.6	1.88	0.32	6.06 -	1833.	55.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-841	37.6077	80.5150	MG	1.2	2.4	7.5	1.98	0.32	6.24	1821.	52.	7.
767	0000	-840	37.6071	80.5150	MG	1.2	2.5	7.4	2.10	0.34	6.13 -	1833.	55.	7.
768	0000	-843	37.6066	80.5149	MG	1.2	2.7	7.9	2.26	0.35	6.58	1878.	52.	6.
769	0000	-841	37.6061	80.5149	MG	1.2	2.6	8.2	2.17	0.32	6.83	1892.	53.	6.
770	0000	-843	37.6056	80.5149	MG	1.2	2.6	7.8	2.25	0.33	6.73	1867.	52.	6.
771	0000	-844	37.6051	80.5149	MG	1.0	2.9	7.8	2.78	0.37	7.48	1841.	49.	4.
772	0000	-839	37.6046	80.5149	MG	1.0	2.9	7.7	2.73	0.37	7.34	1824.	49.	4.
773	0000	-842	37.6040	80.5149	MG	1.1	2.8	7.8	2.66	0.36	7.35	1811.	51.	5.
774	0000	-844	37.6035	80.5149	MG	1.1	2.9	7.9	2.63	0.36	7.22	1830.	48.	4.
775	0000	-841	37.6029	80.5148	MG	1.2	2.6	7.8	2.22	0.33	6.71	1815.	51.	5.
776	0000	-842	37.6024	80.5148	MG	1.1	2.6	7.7	2.27	0.34	6.69	1797.	50.	6.
777	0000	-845	37.6019	80.5148	MG	1.1	2.4	8.3	2.14	0.29	7.30	1798.	51.	6.
778	0000	-846	37.6014	80.5148	MG	1.2	2.4	8.4	2.04	0.29	7.05	1825.	51.	7.
779	0000	-843	37.6009	80.5148	MG	1.2	2.5	8.9 +	2.10	0.28	7.58	1856.	49.	6.
780	0000	-839	37.6004	80.5148	MG	1.2	2.5	8.7 +	2.19	0.29	7.49	1883.	47.	6.
781	0000	-843	37.5999	80.5148	MG	1.1	2.5	9.0 +	2.26	0.28	8.03	1863.	49.	6.
782	0000	-845	37.5993	80.5147	MG	1.0	2.9	9.1 +	2.82	0.31	8.97	1859.	47.	5.
783	0000	-841	37.5988	80.5147	MG	0.9	2.9	8.9 +	3.01	0.32	9.44	1855.	47.	4.
784	0000	-844	37.5982	80.5147	MG	0.9	2.9	9.2 +	3.15	0.32	9.84	1857.	46.	3.
785	0000	-846	37.5977	80.5147	MG	0.9	3.0 +	9.4 +	3.24	0.32	10.24 +	1853.	48.	2.
786	0000	-845	37.5972	80.5147	MG	0.9	3.2 +	8.9 +	3.37	0.36	9.41	1850.	51.	2.
787	0000	-843	37.5967	80.5147	MG	1.0	3.2 +	9.3 +	3.25	0.34	9.60	1855.	52.	2.
788	0000	-841	37.5962	80.5147	MG	1.0	3.1 +	9.4 +	3.22	0.33	9.90	1865.	52.	3.
789	0000	-844	37.5957	80.5146	MG	1.0	3.1 +	9.2 +	[illegible]	0.33	9.15	1867.	51.	3.
790	0000	-848	37.5951	80.5146	MG	1.1	2.9	9.2 +	[illegible]	0.31	8.57	1864.	53.	4.
791	0000	-844	37.5946	80.5146	MG	1.0	3.1 +	8.6 +	2.96	0.36	8.30	1864	54.	5.
792	0000	-844	37.5940	80.5146	MG	1.0	3.0 +	8.7 +	2.95	0.35	8.54	1864.	54.	6.
793	0000	-845	37.5935	80.5146	MG	1.0	2.9	8.9 +	3.02	0.33	9.08	1865.	54.	8.
794	0000	-842	37.5930	80.5146	MG	1.0	2.8	8.5	2.80	0.33	8.60	1850.	53.	11.
795	0000	-844	37.5925	80.5146	MG	1.0	2.6	8.1	2.56	0.32	7.88	1843.	51.	13.
796	0000	-846	37.5920	80.5145	MG	1.0	2.4	8.4	2.27	0.28	8.03	1849	49.	15.
797	0000	-840	37.5915	80.5145	MG	1.0	2.2	8.3	2.21	0.26	8.46	1838.	50.	18.
798	0000	-840	37.5909	80.5145	MG	1.0	1.8	8.7 +	1.80	0.21 -	8.48	1828.	53.	19.
799	0000	-847	37.5904	80.5145	MG	1.0	1.5 -	8.3	1.40 -	0.18 -	7.96	1793.	53.	20.
800	0000	-848	37.5898	80.5144	MG	1.0	1.4 -	8.4	1.38 -	0.17 --	8.32	1774.	53.	20.
801	0000	-845	37.5893	80.5145	MG	0.9	1.5 -	8.0	1.61	0.19 -	8.52	1745.	57.	19.
802	0000	-842	37.5888	80.5145	MG	0.9	1.8	8.1	1.91	0.22 -	8.77	1755.	59.	17.
803	0000	-842	37.5883	80.5144	MG	0.9	2.2	7.7	2.46	0.28	8.67	1744.	61.	15.
804	0000	-841	37.5878	80.5144	MG	0.8	2.7	7.8	3.22	0.35	9.19	1744.	58.	13.
805	0000	-843	37.5873	80.5144	MG	0.9	2.9	7.5	3.33	0.38	8.71	1753.	56.	12.
806	0000	-845	37.5867	80.5144	MG	0.9	3.2 +	8.0	3.74	0.40	9.39	1786.	56.	9.
807	0000	-844	37.5862	80.5143	MG	0.9	3.2 +	7.7	3.57	0.41	8.64	1812.	55.	8.
808	0000	-845	37.5857	80.5143	MG	0.9	3.5 +	7.8	3.93 +	0.45 +	8.74	1845.	52.	7.
809	0000	-850	37.5851	80.5143	MG	0.9	3.6 ++	7.8	4.19 +	0.46 +	9.16	1832.	54.	7.
810	0000	-846	37.5846	80.5142	MG	0.8	3.2 +	8.5	3.90 +	0.38	10.21 +	1823.	54.	7.
811	0000	-844	37.5841	80.5142	MG	0.8	3.1 +	8.5	3.66	0.36	10.12	1831.	55.	7.
812	0000	-851	37.5836	80.5142	MG	0.8	3.1 +	9.0 +	3.81	0.35	10.96 +	1825.	56.	6.
813	0000	-852	37.5831	80.5142	MG	0.8	3.2 +	8.8 +	4.03 +	0.37	11.01 +	1810.	56.	7.
814	0000	-846	37.5826	80.5142	MG	0.8	3.1 +	8.5	3.94 +	0.36	10.85 +	1778.	57.	7.
815	0000	-846	37.5820	80.5142	MG	0.8	2.6	8.9 +	3.19	0.30	10.66 +	1781.	56.	9.
816	0000	-847	37.5815	80.5142	MG	0.9	2.2	9.2 +	2.39	0.24	9.82	1805.	54.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-846	37.5809	80.5141		MG	1.0	2.2	8.7 +	2.14	0.26	8.34	1834.	54.	12.
818	0000	-847	37.5804	80.5141		MG	1.1	2.1	9.0 +	1.93	0.24	8.17	1839.	53.	12.
819	0000	-847	37.5799	80.5141		MG	1.2	2.0	8.6 +	1.68	0.23 -	7.29	1849.	50.	14.
820	0000	-846	37.5794	80.5141		MG	1.3 +	1.7 -	8.5	1.37 -	0.20 -	6.81	1873.	48.	15.
821	0000	-843	37.5789	80.5141		MG	1.3 +	1.8	9.1 +	1.43 -	0.20 -	7.20	1910.	47.	15.
822	0000	-846	37.5784	80.5141		MG	1.3 +	2.2	8.9 +	1.72	0.25	7.00	1937.	46.	14.
823	0000	-850	37.5779	80.5141		MG	1.3 +	2.6	8.6 +	2.07	0.30	6.82	1921.	48.	13.
824	0000	-850	37.5773	80.5140		MG	1.2	2.8	8.6	2.33	0.32	7.20	1898.	48.	12.
825	0000	-849	37.5768	80.5140		MG	1.2	2.8	8.0	2.39	0.35	6.85	1879.	48.	12.
826	0000	-850	37.5762	80.5140		MG	1.1	2.9	8.1	2.53	0.35	7.16	1874.	48.	10.
827	0000	-846	37.5757	80.5140		MG	1.1	3.0 +	7.9	2.79	0.38	7.30	1866.	49.	8.
828	0000	-844	37.5752	80.5140		MG	1.1	3.1 +	8.0	2.78	0.39	7.09	1890.	51.	8.
829	0000	-847	37.5747	80.5140		MG	1.1	3.1 +	8.1	2.86	0.38	7.44	1862.	53.	7.
830	0000	-847	37.5742	80.5140		MG	1.1	2.8	8.2	2.61	0.34	7.57	1857.	54.	7.
831	0000	-850	37.5737	80.5139		MG	1.1	2.7	8.0	2.33	0.33	6.99	1852.	55.	6.
832	0000	-856	37.5731	80.5139		MG	1.1	2.6	8.3	2.29	0.32	7.26	1854.	55.	5.
833	0000	-855	37.5726	80.5139		MG	1.1	2.9	8.1	2.61	0.36	7.26	1848.	57.	5.
834	0000	-854	37.5721	80.5139		MG	1.1	2.8	8.4	2.48	0.33	7.44	1846.	56.	5.
835	0000	-854	37.5715	80.5138		MG	1.2	2.6	8.5	2.29	0.31	7.40	1820.	55.	5.
836	0000	-847	37.5710	80.5139		MG	1.2 +	2.4	8.8 +	1.92	0.27	7.01	1832.	55.	5.
837	0000	-847	37.5705	80.5139		MG	1.2	2.6	8.6 +	2.09	0.30	7.07	1833.	54.	5.
838	0000	-850	37.5700	80.5137		MG	1.2	2.7	9.0 +	2.32	0.30	7.62	1848.	54.	5.
839	0000	-849	37.5695	80.5137		MG	1.2	2.8	8.7 +	2.37	0.32	7.35	1848.	52.	6.
840	0000	-853	37.5689	80.5137		MG	1.2	2.5	9.0 +	2.01	0.27	7.34	1852.	53.	7.
841	0000	-856	37.5684	80.5138		MG	1.2	2.7	9.0 +	2.17	0.30	7.33	1854.	54.	7.
842	0000	-851	37.5679	80.5137		MG	1.2	2.9	8.5	2.48	0.34	7.33	1843.	53.	7.
843	0000	-848	37.5674	80.5137		MG	1.1	3.1 +	8.1	2.91	0.38	7.60	1827.	54.	7.
844	0000	-852	37.5668	80.5137		MG	1.0	3.2 +	8.3	3.09	0.38	8.04	1822.	53.	7.
845	0000	-855	37.5663	80.5136		MG	1.0	3.1 +	8.3	3.07	0.38	8.13	1815.	54.	6.
846	0000	-856	37.5658	80.5136		MG	1.1	2.9	8.8 +	2.79	0.33	8.32	1832.	56.	6.
847	0000	-854	37.5653	80.5136		MG	1.1	3.1 +	8.6	2.96	0.36	8.14	1846.	56.	5.
848	0000	-852	37.5648	80.5136		MG	1.1	3.0 +	8.4	2.69	0.35	7.63	1859.	54.	6.
849	0000	-853	37.5642	80.5136		MG	1.1	2.9	8.6 +	2.69	0.34	7.92	1867.	54.	7.
850	0000	-858	37.5637	80.5136		MG	1.1	2.8	8.6 +	2.53	0.33	7.68	1884.	52.	8.
851	0000	-856	37.5632	80.5136		MG	1.2	2.7	8.3	2.31	0.32	7.10	1894.	53.	10.
852	0000	-851	37.5626	80.5135		MG	1.2	2.7	8.0	2.29	0.33	6.93	1866.	53.	11.
853	0000	-853	37.5621	80.5135		MG	1.1	2.9	7.4	2.63	0.39	6.68	1840.	51.	12.
854	0000	-855	37.5616	80.5135		MG	1.1	2.8	7.4	2.58	0.37	6.95	1812.	50.	13.
855	0000	-851	37.5611	80.5135		MG	1.1	2.6	7.0	2.44	0.37	6.59	1771.	53.	14.
856	0000	-854	37.5606	80.5135		MG	1.1	2.5	6.8	2.29	0.37	6.28	1750.	55.	15.
857	0000	-856	37.5600	80.5135		MG	1.1	2.2	7.2	1.96	0.30	6.50	1753.	56.	15.
858	0000	-848	37.5595	80.5135		MG	1.2	1.8	7.6	1.49 -	0.24	6.23	1792.	56.	15.
859	0000	-849	37.5590	80.5134		MG	1.3 +	1.8	8.3	1.36 -	0.21 -	6.46	1861.	53.	15.
860	0000	-854	37.5584	80.5134		MG	1.4 +	1.7 -	9.2 +	1.23 -	0.18 -	6.69	1928.	55.	15.
861	0000	-851	37.5579	80.5134		MG	1.4 +	1.7	9.6 +	1.20 -	0.18 -	6.66	1977.	54.	15.
862	0000	-854	37.5574	80.5134		MG	1.4 +	1.9	10.2 ++	1.38 -	0.19 -	7.34	2032.	52.	15.
863	0000	-861	37.5569	80.5134		MG	1.5 +	1.8	10.6 ++	1.20 -	0.17 --	7.16	2068.	51.	15.
864	0000	-860	37.5564	80.5134		MG	1.6 ++	1.9	10.1 ++	1.24 -	0.19 -	6.52	2085.	51.	16.
865	0000	-862	37.5558	80.5134		MG	1.5 +	2.2	10.1 ++	1.49 -	0.22 -	6.74	2088.	50.	15.
866	0000	-863	37.5553	80.5134		MG	1.5 +	2.1	9.7 +	1.44 -	0.22 -	6.70	2065.	53.	16.
867	0000	-862	37.5548	80.5134		MG	1.4 +	2.0	9.1 +	1.41 -	0.22 -	6.55	2014.	54.	16.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-863	37.5542	80.5134		MG	1.3 +	1.7 -	9.0 +	1.25 -	0.19 -	6.67	1967.	56.	17.
869	0000	-861	37.5537	80.5135		MG	1.3 +	1.8	8.5	1.32 -	0.21 -	6.36	1929.	55.	16.
870	0000	-856	37.5532	80.5135		MG	1.3 +	1.9	8.2	1.50 -	0.24	6.35	1931	55.	16.
871	0000	-856	37.5527	80.5136		MG	1.2	1.9	8.6 +	1.63	0.22 -	7.38	1905.	56.	15.
872	0000	-857	37.5521	80.5137		MG	1.1	1.9	8.5	1.68	0.22 -	7.53	1871.	57.	14.
873	0000	-855	37.5516	80.5137		MG	1.2	2.3	8.4	2.03	0.28	7.29	1869.	56.	12.
874	0000	-856	37.5511	80.5137		MG	1.2	2.5	8.3	2.11	0.30	7.00	1904.	53.	10.
875	0000	-861	37.5506	80.5138		MG	1.3 +	2.9	8.0	2.30	0.36	6.37	1964.	53.	9.
876	0000	-862	37.5500	80.5138		MG	1.3 +	3.0 +	8.4	2.32	0.36	6.47	2009.	53.	7.
877	0000	-857	37.5495	80.5139		MG	1.3 +	3.3 +	8.5	2.48	0.38	6.48	2009.	53.	5.
878	0000	-858	37.5490	80.5140		MG	1.4 +	3.3 +	8.3	2.42	0.39	6.14 -	2023.	52.	5.
879	0000	-862	37.5485	80.5140		MG	1.4 +	3.2 +	8.5	2.31	0.37	6.17	2048.	49.	5.
880	0000	-862	37.5480	80.5141		MG	1.4 +	3.0 +	8.4	2.17	0.35	6.20	2034.	49.	5.
881	0000	-863	37.5474	80.5141		MG	1.3 +	3.0 +	8.3	2.22	0.36	6.23	2001.	50.	5.
882	0000	-863	37.5469	80.5142		MG	1.3 +	2.9	8.5	2.13	0.34	6.34	1962.	49.	4.
883	0000	-858	37.5463	80.5142		MG	1.3 +	2.6	8.3	1.95	0.32	6.18	1935.	51.	5.
884	0000	-861	37.5458	80.5143		MG	1.3 +	2.4	8.4	1.81	0.29	6.31	1935.	52.	6.
885	0000	-863	37.5453	80.5144		MG	1.3 +	2.5	8.4	1.86	0.29	6.32	1921.	51.	7.
886	0000	-858	37.5448	80.5144		MG	1.3 +	2.5	8.5	1.86	0.29	6.43	1896.	52.	8.
887	0000	-862	37.5443	80.5145		MG	1.4 +	2.3	8.5	1.67	0.26	6.31	1874.	52.	9.
888	0000	-865	37.5437	80.5145		MG	1.3 +	2.0	8.7 +	1.53 -	0.23 -	6.59	1864.	53.	10.
889	0000	-858	37.5432	80.5145		MG	1.3 +	1.9	8.5	1.50 -	0.22 -	6.81	1836.	53.	12.
890	0000	-861	37.5427	80.5146		MG	1.2	1.8	8.2	1.56 -	0.22 -	7.02	1787.	53.	13.
891	0000	-863	37.5422	80.5147		MG	1.2	1.6 -	7.7	1.34 -	0.20 -	6.70	1719.	51.	15.
892	0000	-858	37.5416	80.5147		MG	1.1	1.6 -	7.5	1.45 -	0.22 -	6.73	1661.	53.	14.
893	0000	-861	37.5411	80.5147		MG	1.1	1.7 -	6.9	1.55 -	0.24	6.37	1627.	54.	14.
894	0000	-858	37.5405	80.5148		MG	1.1	1.6 -	6.9	1.55 -	0.24	6.50	1615.	55.	14.
895	0000	-853	37.5400	80.5149		MG	1.1	1.7 -	6.5	1.52 -	0.26	5.77 -	1617.	56.	14.
896	0000	-853	37.5395	80.5149		MG	1.2	1.8	6.8	1.59	0.27	5.88 -	1646.	58.	13.
897	0000	-855	37.5390	80.5150		MG	1.3 +	1.6 -	7.1	1.25 -	0.23 -	5.40 -	1734.	57.	13.
898	0000	-860	37.5385	80.5150		MG	1.4 +	1.8	7.5	1.31 -	0.24	5.48 -	1803.	59.	13.
899	0000	-865	37.5380	80.5150		MG	1.4 +	1.6 -	7.7	1.14 -	0.21 -	5.36 -	1851.	57.	14.
900	0000	-865	37.5374	80.5151		MG	1.4 +	1.8	7.8	1.31 -	0.24	5.54 -	1869.	56.	15.
901	0000	-867	37.5369	80.5152		MG	1.4 +	2.0	8.0	1.44 -	0.25	5.74 -	1907.	55.	15.
902	0000	-868	37.5363	80.5152		MG	1.4 +	1.8	8.3	1.35 -	0.22 -	6.10 -	1902.	55.	15.
903	0000	-865	37.5358	80.5153		MG	1.3 +	1.8	8.0	1.33 -	0.22 -	5.99 -	1884.	54.	16.
904	0000	-862	37.5353	80.5154		MG	1.2	2.0	8.2	1.60	0.24	6.64	1829.	51.	17.
905	0000	-861	37.5347	80.5154		MG	1.2	2.1	7.9	1.79	0.26	6.89	1776.	52.	17.
906	0000	-862	37.5342	80.5154		MG	1.1	2.1	7.7	1.97	0.28	7.10	1742.	53.	17.
907	0000	-864	37.5337	80.5155		MG	1.1	2.0	7.7	1.79	0.26	7.00	1727.	56.	17.
908	0000	-860	37.5332	80.5156		MG	1.1	2.0	7.3	1.79	0.27	6.67	1728.	56.	18.
909	0000	-859	37.5327	80.5156		MG	1.1	2.2	7.2	2.06	0.31	6.75	1728.	54.	17.
910	0000	-861	37.5322	80.5157		MG	1.0	2.2	7.2	2.12	0.30	7.00	1727.	53.	16.
911	0000	-860	37.5316	80.5158		MG	1.0	2.2	6.9	2.23	0.31	7.15	1698.	57.	16.
912	0000	-857	37.5311	80.5158		MG	1.0	1.9	7.0	1.94	0.27	7.14	1672.	56.	15.
913	0000	-857	37.5305	80.5158		MG	1.0	1.8	7.1	1.86	0.25	7.30	1674.	55.	14.
914	0000	-858	37.5300	80.5159		MG	0.9	1.9	6.9	2.03	0.27	7.49	1661.	54.	14.
915	0000	-857	37.5295	80.5159		MG	0.9	1.7 -	7.2	1.88	0.24	7.88	1641.	54.	13.
916	0000	-859	37.5290	80.5160		MMCC	0.9	1.6	7.6	1.87	0.22	8.67	1646.	54.	12.
917	0000	-864	37.5284	80.5161		MMCC	0.8	1.8	7.7	2.17	0.24	9.19	1625.	55.	12.
918	0000	-863	37.5279	80.5161		MMCC	0.9	1.8	7.6	2.12	0.24	8.86	1633.	52.	11.

STAT ANALYSIS, BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-863	37.5274	80.5162	MMCC	0.8	1.9	7.9	2.24	0.24	9.43	1650.	53.	11.
920	0000	-868	37.5269	80.5162	MMCC	0.8	1.9	8.0	2.39	0.24	9.84	1657.	54.	11.
921	0000	-866	37.5264	80.5163	MMCC	0.9	1.7	8.4	1.96	0.21	9.45	1664.	53.	10.
922	0000	-860	37.5258	80.5163	MPO	0.9	1.9	8.1	2.17	0.24	9.23	1638.	53.	10.
923	0000	-860	37.5253	80.5164	MPO	0.9	1.8	7.8	2.04	0.23	8.91	1585.	51.	10.
924	0000	-867	37.5248	80.5164	MPO	0.9	1.7	7.2	1.97	0.24	8.31	1556.	50.	9.
925	0000	-868	37.5242	80.5164	MPO	0.8	1.8	7.0	2.16	0.25	8.51	1504.	53.	8.
926	0000	-865	37.5237	80.5165	MPO	0.8	2.1	6.7	2.73	0.31	8.74	1470.	53.	7.
927	0000	-863	37.5232	80.5166	MPO	0.7	2.2	6.4	3.05	0.35	8.78	1447.	55.	5.
928	0000	-866	37.5226	80.5166	MPO	0.7	2.7 +	6.6	4.02	0.41 +	9.86	1465.	55.	4.
929	0000	-868	37.5221	80.5167	MPO	0.7	2.7 +	7.2	3.93	0.37 +	10.54	1501.	57.	3.
930	0000	-864	37.5216	80.5167	DCH	0.7	2.9 +	8.0	4.12 +	0.36 +	11.34	1579.	57.	2.
931	0000	-864	37.5211	80.5167	DCH	0.8	2.8 +	8.7	3.65 +	0.32	11.49	1671.	58.	3.
932	0000	-866	37.5206	80.5168	DCH	0.8	2.9 +	9.1	3.54 +	0.32	11.13	1762.	57.	2.
933	0000	-863	37.5200	80.5169	DCH	0.9	2.7 +	9.5	2.90	0.29	10.15	1837.	57.	3.
934	0000	-866	37.5195	80.5170	DCH	1.1	2.7 +	10.3	2.51	0.26	9.56	1931.	56.	4.
935	0000	-870	37.5190	80.5170	DCH	1.2	2.7	10.4	2.31	0.26	9.06	1981.	54.	4.
936	0000	-868	37.5185	80.5171	DCH	1.2	2.5	10.6	2.07	0.23	8.84	2030.	53.	6.
937	0000	-869	37.5179	80.5171	DCH	1.3	2.5	10.4	1.90	0.24	7.97	2044.	56.	7.
938	0000	-867	37.5174	80.5171	DCH	1.3	2.7 +	10.2	2.11	0.27	7.92	2029.	57.	7.
939	0000	-866	37.5168	80.5172	DCH	1.4 +	2.4	10.4	1.80	0.24	7.63	2038.	56.	9.
940	0000	-871	37.5163	80.5173	DCH	1.4 +	2.4	10.1	1.73	0.24	7.34	2015.	57.	9.
941	0000	-867	37.5158	80.5173	DCH	1.3	2.2	9.4	1.74	0.24	7.32	1929.	58.	11.
942	0000	-862	37.5153	80.5173	DCH	1.2	1.9	8.8	1.56	0.22	7.10	1852.	57.	13.
943	0000	-866	37.5148	80.5175	DCH	1.2	1.9	8.2	1.62	0.23	6.90	1784.	58.	13.
944	0000	-865	37.5142	80.5175	DCH	1.1	1.7	8.1	1.54	0.21	7.29	1750.	55.	14.
945	0000	-866	37.5137	80.5175	DCH	1.2	1.4 -	8.0	1.16 -	0.17 -	6.79	1746.	54.	15.
946	0000	-868	37.5132	80.5176	DB-2	1.1	1.2 -	8.0	1.01 -	0.14 --	7.00	1719.	56.	15.
947	0000	-869	37.5127	80.5177	DB-2	1.1	1.3 -	8.0	1.16 -	0.16 -	7.30	1727.	57.	15.
948	0000	-867	37.5121	80.5177	DB-2	1.2	1.4 -	8.2	1.15 -	0.17 -	6.84	1790.	57.	15.
949	0000	-864	37.5116	80.5177	DB-2	1.3	1.3 -	8.5	1.05 -	0.16 -	6.62	1838.	58.	14.
950	0000	-864	37.5110	80.5179	DB-2	1.3	1.4 -	8.5	1.02 -	0.16 -	6.31	1854.	59.	13.
951	0000	-864	37.5105	80.5179	DB-2	1.4	1.8	8.1	1.27 -	0.22	5.88	1852.	58.	11.
952	0000	-862	37.5100	80.5179	DB-2	1.4	2.0	8.2	1.51	0.25	6.04	1836.	59.	10.
953	0000	-864	37.5095	80.5180	DB-2	1.4	2.5	7.9	1.84	0.32	5.84	1832.	58.	8.
954	0000	-867	37.5090	80.5180	DB-2	1.4	2.6	7.8	1.93	0.33	5.77	1849.	55.	7.
955	0000	-866	37.5084	80.5181	DB-2	1.3	2.4	8.6	1.83	0.28	6.50	1864.	53.	6.
956	0000	-862	37.5079	80.5181	DLMU-2	1.3	2.6	8.6	1.94	0.30	6.46	1877.	51.	5.
957	0000	-860	37.5074	80.5181	DLMU-2	1.3	3.0 +	8.9	2.32 +	0.33 +	6.98	1901.	49.	4.
958	0000	-861	37.5069	80.5182	DLMU-2	1.2	2.8 +	8.7	2.26 +	0.32	6.98	1874.	51.	4.
959	0000	-860	37.5063	80.5183	DLMU-2	1.2	2.6	8.0	2.23	0.33 +	6.73	1797.	49.	3.
960	0000	-858	37.5058	80.5183	DLMU-2	1.1	2.4	7.5 -	2.22	0.33	6.83	1700.	47.	3.
961	0000	-859	37.5054	80.5183	DOHL	1.0 +	2.2 +	6.9 +	2.19	0.33	6.71	1548.	48.	2.
962	0000	-864	37.5050	80.5183	DOHL	0.9 +	2.3 +	5.2	2.55	0.44	5.77 -	1365.	50.	2.
963	0000	-867	37.5046	80.5183	DOHL	0.7	2.3 +	4.6	3.20	0.50 +	6.90	1199.	50.	2.
964	0000	-863	37.5042	80.5183	DOHL	0.6	2.0 +	3.4 -	3.17	0.59 +	5.37 -	1052.	50.	2.
965	0000	-864	37.5038	80.5183	DOHL	0.6	1.9	3.1 --	3.38	0.61 ++	5.50 -	977.	53.	2.
966	0000	-866	37.5034	80.5183	SCT	0.6 +	1.9 +	3.1	3.09 -	0.60 +	5.18 -	581.	53.	2.
967	0000	-861	37.5030	80.5183	SCT	0.7 ++	1.9 +	3.0	2.80 -	0.62 +	4.49 -	1001.	54.	3.
968	0000	-859	37.5027	80.5183	SCT	0.7 ++	1.9 +	2.8 -	2.54 -	0.67 ++	3.79 -	1048.	53.	4.
969	0000	-865	37.5023	80.5183	SCT	0.8 ++	1.9 +	3.1	2.44 -	0.63 +	3.89 -	1106.	53.	5.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-863	37.5019	80.5183	SCT	0.9 ++	1.6	3.3	1.74 -	0.48	3.60 --	1163.	55.	5.
971	0000	-856	37.5015	80.5183	OB-1	1.0	1.4	3.7	1.37	0.38	3.61 -	1204.	54.	6.
972	0000	-858	37.5011	80.5183	OB-1	1.1	1.2	3.7	1.11 -	0.32	3.46 -	1227.	51.	7.
973	0000	-862	37.5007	80.5183	OB-1	1.1	1.2	3.8	1.12 -	0.32	3.51 -	1240.	53.	7.
974	0000	-863	37.5003	80.5183	OB-1	1.1	1.3	3.9	1.12 -	0.32	3.45 -	1269.	56.	5.
975	0000	-865	37.4998	80.5183	OB-1	1.2	1.1	4.5	0.91 -	0.24	3.80 -	1335.	56.	5.
976	0000	-867	37.4995	80.5183	OB-1	1.3 +	1.1 -	4.8	0.84 -	0.22 -	3.83 -	1383.	57.	5.
977	0000	-866	37.4991	80.5183	OB-1	1.3 +	1.3	4.9	0.97 -	0.26	3.78 -	1398.	56.	4.
978	0000	-864	37.4987	80.5183	OB-1	1.3 +	1.3	5.1	1.04 -	0.26	3.98	1409.	58.	4.
979	0000	-863	37.4983	80.5183	OB-1	1.2	1.5	5.2	1.23	0.29	4.19	1403.	57.	4.
980	0000	-861	37.4979	80.5183	OB-1	1.1	1.6	5.2	1.40	0.30	4.61	1363.	56.	4.
981	0000	-860	37.4975	80.5183	OB-1	1.0	1.6	5.4	1.68	0.30	5.58	1301.	55.	4.
982	0000	-859	37.4971	80.5183	OB-1	0.8	2.0 +	5.1	2.41	0.38	6.29	1214.	55.	4.
983	0000	-864	37.4968	80.5183	OB-1	0.7	1.9	5.5	2.72	0.34	7.98	1152.	55.	3.
984	0000	-868	37.4964	80.5183	OSP	0.5	1.9	5.6	3.60 +	0.35	10.39	1105.	57.	3.
985	0000	-863	37.4959	80.5183	OSP	0.4 -	2.1	5.6	5.19 ++	0.37	14.01 ++	1078.	55.	2.
986	0000	-861	37.4955	80.5184	OSP	0.4 -	2.0	6.0	5.49 +++	0.33	16.42 ++	1074.	56.	2.
987	0000	-865	37.4952	80.5184	OSP	0.4 -	1.8	6.1	5.04 ++	0.30	17.01 ++	1084.	55.	2.
988	0000	-865	37.4947	80.5184	OSP	0.4 -	1.6	6.3	4.03 +	0.26	15.32 ++	1111.	54.	2.
989	0000	-866	37.4944	80.5184	OSP	0.4 -	1.6	6.3	3.71 +	0.25	14.78 ++	1133.	55.	3.
990	0000	-864	37.4940	80.5184	OSP	0.4 -	1.7	5.9	3.80 +	0.29	13.32 +	1148.	55.	3.
991	0000	-859	37.4936	80.5184	OSP	0.5	1.6	5.7	2.93	0.28	10.57	1183.	54.	4.
992	0000	-863	37.4932	80.5184	OSP	0.6	1.4	5.7	2.17	0.24	8.96	1196.	54.	5.
993	0000	-866	37.4928	80.5184	OSP	0.6	1.3	5.5	2.05	0.24	8.65	1181.	55.	6.
994	0000	-866	37.4924	80.5184	OSP	0.6	1.3	5.3	2.06	0.24	8.46	1163.	58.	6.
995	0000	-864	37.4920	80.5184	OSP	0.7	1.4	5.2	2.09	0.26	7.97	1145.	61.	5.
996	0000	-861	37.4916	80.5184	OTBR	0.7	1.1	5.2	1.72	0.22	7.90 -	1135.	61.	6.
997	0000	-864	37.4912	80.5184	OTBR	0.7	0.9 -	5.4	1.36 -	0.17 -	7.96 -	1120.	59.	6.
998	0000	-865	37.4909	80.5184	OTBR	0.6	0.8 -	5.5	1.26 -	0.15 -	8.67	1086.	59.	6.
999	0000	-862	37.4904	80.5184	OTBR	0.6	0.9 -	5.5	1.50 -	0.16 -	9.44	1064.	60.	6.
1000	0000	-866	37.4901	80.5184	OTBR	0.6	0.7 -	5.4	1.25 -	0.14 -	9.20	1045.	60.	7.
1001	0000	-867	37.4897	80.5184	OTBR	0.6	0.7 -	5.3	1.26 -	0.13 -	9.40	1031.	59.	8.
1002	0000	-862	37.4892	80.5183	OTBR	0.5	0.5 --	5.1	1.07 -	0.11 -	9.98	997.	57.	9.
1003	0000	-865	37.4888	80.5183	OTBR	0.5	0.7 -	5.2	1.58	0.14 -	11.39	973.	57.	8.
1004	0000	-869	37.4884	80.5183	OTBR	0.4	0.8 -	4.9	1.98	0.16 -	12.19	945.	58.	8.
1005	0000	-866	37.4880	80.5183	OTBR	0.4	1.0	4.7	2.53	0.21	12.29	930.	59.	7.
1006	0000	-865	37.4877	80.5183	OTBR	0.4	0.9 -	4.4	2.26	0.20	11.14	919.	60.	7.
1007	0000	-864	37.4873	80.5183	OTBR	0.5	1.1	4.4	2.46	0.25	9.65	948.	61.	6.
1008	0000	-861	37.4869	80.5183	OM	0.5	1.1	4.6	2.17	0.24	8.86	950.	62.	5.
1009	0000	-867	37.4865	80.5183	OM	0.5	1.3	4.6	2.52	0.28	9.01	967.	62.	3.
1010	0000	-868	37.4861	80.5183	OM	0.6	1.2	4.4	2.23	0.28	7.96	979.	59.	3.
1011	0000	-860	37.4857	80.5183	OM	0.6	1.4	4.2	2.40	0.34	7.07 -	993.	61.	3.
1012	0000	-861	37.4853	80.5183	OM	0.6	1.6	4.3	2.61	0.36 +	7.17 -	1010.	61.	3.
1013	0000	-865	37.4849	80.5183	OM	0.6	1.5	4.5	2.43	0.34	7.19 -	1004.	60.	2.
1014	0000	-864	37.4845	80.5184	OM	0.5	1.6	4.3	3.03	0.37 +	8.21	983.	61.	3.
1015	0000	-862	37.4841	80.5184	OM	0.5	1.6	4.2	3.12	0.37 +	8.33	985.	60.	3.
1016	0000	-858	37.4837	80.5184	01	0.5	1.6	4.0	3.41	0.41 ++	8.36	972.	62.	3.
1017	0000	-858	37.4833	80.5184	OM	0.4	1.4	4.0	3.20	0.35 +	9.07	952.	66.	3.
1018	0000	-862	37.4829	80.5184	OM	0.4	1.2	4.2	2.86	0.29	9.74	924.	66.	4.
1019	0000	-864	37.4825	80.5184	OM	0.4	1.0 -	4.0 -	2.26	0.24	9.22	884.	69.	4.
1020	0000	-866	37.4821	80.5184	OM	0.4	1.1	3.5 -	2.79	0.31	9.13	874.	70.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-866	37.4818	80.5184		OM	0.4	0.9 -	3.5 -	2.31	0.26	8.94	838.	70.	5.
1022	0000	-866	37.4814	80.5184		OM	0.4	1.0 -	3.6 -	2.70	0.29	9.34	832.	69.	4.
1023	0000	-866	37.4810	80.5184		OJO	0.4	1.0	3.7 -	2.48	0.27	9.32	835.	67.	4.
1024	0000	-863	37.4806	80.5184		OJO	0.4	1.1	3.8	2.68	0.28	9.56	838.	66.	3.
1025	0000	-860	37.4802	80.5184		OJO	0.4	1.2	3.7 -	3.24	0.33	9.88	850.	67.	2.
1026	0000	-858	37.4798	80.5184		OJO	0.4	1.4	3.9	3.66	0.36 +	10.29	886.	64.	2.
1027	0000	-861	37.4794	80.5184		OJO	0.4	1.4	4.3	3.72	0.34 +	11.04	910.	63.	1.
1028	0000	-863	37.4790	80.5184		OJO	0.4	1.5	4.3	3.51	0.34 +	10.24	944.	62.	0.
1029	0000	-866	37.4786	80.5184		ST	0.4	1.5	4.4	3.66	0.34	10.61	951.	63.	0.
1030	0000	-869	37.4782	80.5184		ST	0.4	1.5	4.4	3.40	0.34	9.93	970.	64.	0.
1031	0000	-863	37.4778	80.5184		ST	0.5	1.5	4.2	3.12	0.36	8.72	980.	66.	0.
1032	0000	-861	37.4774	80.5184		ST	0.5	1.4	4.3	2.67	0.33	8.12	991.	67.	0.
1033	0000	-864	37.4770	80.5184		ST	0.5	1.4	4.3	2.55	0.32	7.95	988.	66.	0.
1034	0000	-858	37.4766	80.5184		ST	0.6	1.3	4.4	2.27	0.29	7.90	990.	66.	0.
1035	0000	-860	37.4762	80.5184		ST	0.5	1.3	4.3	2.41	0.30	8.02	977.	67.	0.
1036	0000	-865	37.4759	80.5184		ST	0.5	1.4	4.1	2.61	0.33	7.87	951.	67.	0.
1037	0000	-859	37.4755	80.5184		SMC	0.5	1.3	3.8	2.79	0.35	8.04 -	909.	68.	0.
1038	0000	-857	37.4751	80.5184		SMC	0.4	1.4	3.8	3.40	0.38	8.91 -	872.	66.	0.
1039	0000	-867	37.4747	80.5184		SMC	0.4	1.4	3.8	3.75	0.37	10.15	827.	64.	0.
1040	0000	-867	37.4742	80.5184		SMC	0.3	1.4	3.7	4.32	0.38	11.34	803.	66.	0.
1041	0000	-860	37.4738	80.5184		SMC	0.3	1.4	3.5	4.61	0.41	11.26	796.	66.	0.
1042	0000	-862	37.4735	80.5184		SMC	0.3	1.5	3.7	4.49	0.40	11.33	814.	68.	0.
1043	0000	-864	37.4731	80.5184		SMC	0.3	1.5	3.8	4.50	0.39	11.44	861.	68.	0.
1044	0000	-859	37.4727	80.5184		SMC	0.4	1.7	4.4	4.72	0.39	11.97	930.	65.	0.
1045	0000	-858	37.4723	80.5184		SMC	0.4	1.7	5.0	4.01	0.33	12.08	979.	65.	0.
1046	0000	-861	37.4719	80.5184		SMC	0.4	1.8 +	5.1	4.03	0.34	11.73	1021.	67.	1.
1047	0000	-863	37.4715	80.5184		SMC	0.4	1.8 +	5.3	4.23	0.34	12.41	1058.	67.	1.
1048	0000	-862	37.4711	80.5184		SMC	0.4	1.8 +	5.8	4.17	0.30	13.86	1058.	67.	1.
1049	0000	-861	37.4707	80.5184		SMC	0.4	1.8 +	6.0	4.38	0.30	14.36	1060.	65.	1.
1050	0000	-858	37.4703	80.5184		SMC	0.4	1.8 +	5.8	4.40	0.31	14.09	1027.	64.	1.
1051	0000	-856	37.4699	80.5184		SMC	0.4	1.7	5.8	4.55	0.29	15.49	982.	67.	1.
1052	0000	-861	37.4695	80.5184		SMC	0.3	1.7	5.4	4.90	0.31	15.80	951.	65.	1.
1053	0000	-863	37.4692	80.5184		SMC	0.4	1.5	5.3	4.17	0.29	14.34	918.	62.	2.
1054	0000	-857	37.4687	80.5184		SMC	0.4	1.3	5.2	3.81	0.26	14.79	854.	64.	2.
1055	0000	-855	37.4684	80.5184		SMC	0.3	1.5	4.5	4.77	0.33	14.32	821.	65.	2.
1056	0000	-857	37.4679	80.5184		SMC	0.2	1.4	4.2	5.49	0.32	16.98	777.	66.	2.
1057	0000	-857	37.4675	80.5184		SMC	0.2	1.3	4.2	6.12	0.31	19.88 +	752.	64.	3.
1058	0000	-855	37.4671	80.5184		SMC	0.2	1.1	3.9	5.53	0.29	19.17 +	725.	61.	4.
1059	0000	-853	37.4668	80.5184		SMC	0.2 -	1.2	3.7	6.29	0.32	19.69 +	702.	63.	4.
1060	0100	-856	37.4664	80.5184		SMC	0.1 N.A.	1.3	3.3	12.20 N.A.	0.39	31.57 N.A.	673.	66.	5.
1061	0000	-861	37.4660	80.5184		SMC	0.1 -	1.2	2.9	10.43 +	0.43	24.35 ++	662.	65.	5.
1062	0000	-860	37.4656	80.5184		SMC	0.1 -	1.0	3.0	8.39 +	0.33	25.16 ++	639.	64.	6.
1063	0100	-859	37.4652	80.5184		SMC	0.1 N.A.	1.1	2.5 -	17.28 N.A.	0.44	38.87 N.A.	618.	63.	6.
1064	0100	-858	37.4648	80.5184		SMC	0.1 N.A.	1.1	2.4 -	17.78 N.A.	0.48 +	36.74 N.A.	599.	66.	5.
1065	0000	-854	37.4644	80.5184		SMC	0.1 -	1.0	2.3 -	7.59 +	0.43	17.52	600.	67.	6.
1066	0000	-854	37.4640	80.5184		SMC	0.1 -	0.9 -	2.1 -	7.23 +	0.44	16.41	594.	68.	6.
1067	0000	-857	37.4637	80.5184		SMC	0.1 -	1.0	2.3 -	7.29 +	0.42	17.22	617.	65.	6.
1068	0000	-857	37.4632	80.5184		SMC	0.1 -	0.9 -	2.6 -	7.16 +	0.36	19.84 +	631.	63.	7.
1069	0000	-858	37.4628	80.5184		DLMU-1	0.2 -	0.9	2.5 -	5.64	0.37	15.10	626.	64.	8.
1070	0000	-858	37.4624	80.5184		DLMU-1	0.2	0.6 -	2.4 -	2.65	0.27	9.85	622.	65.	9.
1071	0010	-855	37.4620	80.5184		DLMU-1	0.3	0.4 N.A.	2.3 -	1.39 N.A.	0.17 N.A.	8.29	624.	64.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
VALUES AND STATISTICAL SIGNIFICANCES														
1072	0000	-855	37.4616	80.5184	DLMU-1	0.2	0.5 --	2.2 -	2.43	0.22 -	11.02	607.	62.	11.
1073	0010	-859	37.4612	80.5184	DLMU-1	0.2	0.4 N.A.	2.4 -	1.93 N.A.	0.16 N.A.	12.11	602.	63.	12.
1074	0010	-859	37.4609	80.5184	DLMU-1	0.2	0.3 N.A.	2.3 -	1.13 N.A.	0.12 N.A.	9.63	592.	65.	13.
1075	0010	-854	37.4605	80.5184	DLMU-1	0.3	0.3 N.A.	2.1 -	1.21 N.A.	0.15 N.A.	8.27	591.	68.	12.
1076	0000	-853	37.4601	80.5184	DLMU-1	0.2	0.4 --	2.1 -	1.92	0.22 -	8.91	613.	67.	11.
1077	0000	-854	37.4597	80.5184	DLMU-1	0.2	0.6 --	2.4 -	2.41	0.24 -	10.23	631.	67.	9.
1078	0000	-856	37.4593	80.5184	DLMU-1	0.2	0.7 -	2.6 -	2.89	0.26	11.20	647.	69.	8.
1079	0000	-858	37.4589	80.5184	DLMU-1	0.3	0.7 -	2.9	2.56	0.23 -	10.90	683.	69.	7.
1080	0000	-853	37.4585	80.5184	DLMU-1	0.3	0.9 -	3.1	3.45	0.28	12.12	719.	66.	6.
1081	0000	-849	37.4581	80.5184	DLMU-1	0.2	0.9 -	3.3	3.62	0.27	13.55	738.	67.	6.
1082	0000	-854	37.4577	80.5184	DLMU-1	0.2	0.9 -	3.5	3.66	0.25	14.63	756.	68.	5.
1083	0000	-855	37.4573	80.5184	DLMU-1	0.3	0.9 -	4.0	3.47	0.22 -	15.56	767.	67.	5.
1084	0000	-854	37.4569	80.5184	DLMU-1	0.2	1.0	3.8	4.09	0.26	15.82 +	773.	66.	5.
1085	0000	-856	37.4565	80.5185	DLMU-1	0.2	1.0	3.9	4.48	0.25	17.80 +	764.	64.	4.
1086	0000	-851	37.4561	80.5184	SMC	0.2	1.0	3.6	5.01	0.27	18.45 +	724.	66.	5.
1087	0000	-850	37.4557	80.5184	SMC	0.2	0.9 -	3.2	4.47	0.27	16.39	679.	70.	6.
1088	0000	-857	37.4553	80.5184	SMC	0.2 -	0.9 -	3.0	4.92	0.28	17.28	647.	68.	7.
1089	0000	-858	37.4549	80.5184	SMC	0.2 -	0.8 -	2.9	4.98	0.28	17.89	624.	65.	8.
1090	0000	-857	37.4546	80.5184	SMC	0.1 -	0.8 -	2.6 -	5.93	0.30	19.79 +	590.	68.	9.
1091	0000	-857	37.4542	80.5184	SMC	0.2 -	0.6 -	2.8 -	4.18	0.22	18.59 +	579.	68.	10.
1092	0000	-852	37.4538	80.5184	OMUU	0.2 --	0.6 -	2.6 -	3.55	0.24	15.00 +	599.	67.	11.
1093	0000	-851	37.4534	80.5184	OMUU	0.2 -	0.6 -	3.0 -	2.45	0.18 -	13.29 +	642.	66.	11.
1094	0000	-855	37.4530	80.5184	OMUU	0.3 -	0.7 -	3.8	2.66	0.18 -	14.55 +	712.	65.	9.
1095	0000	-850	37.4526	80.5184	OMUU	0.3 -	0.8 -	4.2	2.52	0.19	13.21 +	784.	65.	8.
1096	0000	-850	37.4522	80.5184	OMUU	0.4	0.9 -	4.7	2.53	0.19	13.42 +	853.	67.	7.
1097	0000	-855	37.4518	80.5184	OMUU	0.4	1.0	5.6	2.48	0.18 -	13.70 +	935.	66.	6.
1098	0000	-853	37.4514	80.5184	OMUU	0.4	1.2	6.0	2.85	0.20	14.17 +	1008.	65.	5.
1099	0000	-853	37.4510	80.5184	SMC	0.4	1.1	6.5 +	2.57	0.17 -	14.74	1044.	67.	5.
1100	0000	-856	37.4506	80.5184	SMC	0.4	1.3	6.8 +	3.02	0.19 -	15.73	1063.	67.	4.
1101	0000	-853	37.4502	80.5184	SMC	0.4	1.3	6.5 +	3.07	0.20 -	15.26	1057.	67.	5.
1102	0000	-847	37.4498	80.5184	SMC	0.4	1.2	6.4 +	2.76	0.19 -	14.39	1054.	66.	5.
1103	0000	-845	37.4494	80.5184	SMC	0.5	1.1	6.1	2.38 -	0.18 -	13.07	1040.	64.	6.
1104	0000	-846	37.4490	80.5184	SMC	0.5	1.2	5.4	2.47	0.21	11.63	1013.	60.	7.
1105	0000	-850	37.4487	80.5184	SMC	0.4	1.1	5.3	2.53	0.21	12.17	984.	60.	7.
1106	0000	-852	37.4482	80.5184	SMC	0.4	1.4	5.0	3.45	0.28	12.32	969.	59.	7.
1107	0000	-854	37.4479	80.5184	SMC	0.4	1.4	4.5	3.40	0.31	11.11	956.	58.	8.
1108	0000	-855	37.4475	80.5184	SMC	0.5	1.4	4.1	3.02	0.33	9.07 -	952.	56.	7.
1109	0000	-853	37.4471	80.5184	SMC	0.4	1.4	4.3	3.21	0.32	10.03	940.	57.	6.
1110	0000	-847	37.4467	80.5184	SMC	0.4	1.4	4.4	3.45	0.31	11.01	936.	58.	5.
1111	0000	-845	37.4462	80.5184	SMC	0.4	1.3	4.4	3.42	0.29	11.92	944.	56.	4.
1112	0000	-846	37.4459	80.5184	SMC	0.4	1.3	4.3	3.51	0.30	11.66	937.	55.	4.
1113	0000	-849	37.4455	80.5184	DLMU-1	0.4	1.1	4.3	2.94	0.27	11.01	934.	54.	3.
1114	0000	-850	37.4451	80.5185	DLMU-1	0.4	1.1	4.5	3.10	0.24	12.69	916.	54.	3.
1115	0000	-846	37.4447	80.5185	DLMU-1	0.3	0.9	5.0	2.95	0.18 -	15.99 +	905.	55.	3.
1116	0000	-845	37.4443	80.5185	DLMU-1	0.3	1.0	4.8	3.39	0.20 -	17.10 +	892.	53.	5.
1117	0000	-848	37.4439	80.5185	DLMU-1	0.3	1.1	4.7	4.45	0.24 -	18.84 +	873.	52.	6.
1118	0000	-845	37.4435	80.5185	DLMU-1	0.3	1.2	4.5	4.32	0.26	16.40 +	856.	54.	6.
1119	0000	-845	37.4431	80.5185	DLMU-1	0.3	0.9	4.6	3.01	0.20 -	14.85	853.	54.	6.
1120	0000	-847	37.4427	80.5185	DLMU-1	0.3	0.9 -	4.6	2.68	0.19 -	14.16	848.	55.	9.
1121	0000	-845	37.4424	80.5185	DLMU-1	0.3	0.9 -	4.3	2.69	0.20 -	13.22	849.	54.	9.
1122	0000	-847	37.4419	80.5185	DLMU-1	0.4	1.0	4.1	2.68	0.23 -	11.52	855.	54.	9.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-848	37.4415	80.5185	DLMU-1	0.4	0.9	4.1	2.49	0.23 -	10.78	883.	54.	9.
1124	0000	-847	37.4411	80.5185	DLMU-1	0.5	0.9	4.2	2.00	0.22 -	9.11	915.	56.	9.
1125	0000	-847	37.4407	80.5185	DLMU-1	0.5	0.9 -	4.4	2.00	0.21 -	9.56	923.	57.	9.
1126	0000	-843	37.4403	80.5185	DLMU-1	0.5	1.0	3.9	2.08	0.25	8.43	897.	59.	8.
1127	0000	-843	37.4400	80.5185	DLMU-1	0.4	1.0	3.8	2.24	0.25	8.80	885.	60.	8.
1128	0000	-849	37.4396	80.5185	DLMU-1	0.4	0.9	3.7	2.20	0.25	8.98	865.	60.	9.
1129	0000	-851	37.4392	80.5186	DLMU-1	0.4	0.8 -	3.7	2.21	0.21 -	10.32	819.	62.	9.
1130	0000	-848	37.4388	80.5186	DLMU-1	0.3	0.7 -	3.6	2.18	0.21 -	10.39	767.	61.	8.
1131	0000	-850	37.4384	80.5187	DLMU-1	0.3	0.7 -	3.5	2.46	0.20 -	12.28	725.	63.	6.
1132	0000	-850	37.4380	80.5187	DLMU-1	0.3	0.7 -	3.5	2.45	0.20 -	12.46	700.	61.	6.
1133	0000	-843	37.4377	80.5187	DLMU-1	0.3	0.8 -	3.9	3.18	0.20 -	15.62	717.	58.	6.
1134	0000	-841	37.4372	80.5188	DLMU-1	0.2	1.0	3.6	4.16	0.27	15.55	726.	58.	6.
1135	0000	-845	37.4368	80.5189	DLMU-1	0.3	1.2	3.9	4.55	0.30	15.17	760.	56.	5.
1136	0000	-842	37.4364	80.5189	DLMU-1	0.3	1.3	4.1	4.44	0.31	14.14	795.	55.	4.
1137	0000	-843	37.4361	80.5190	DLMU-1	0.3	1.3	4.1	4.53	0.31	14.40	798.	59.	4.
1138	0000	-851	37.4357	80.5190	DLMU-1	0.3	1.2	4.0	4.51	0.30	14.98	809.	57.	6.
1139	0000	-852	37.4353	80.5190	DLMU-1	0.2	1.3	3.9	5.72	0.34	16.76 +	822.	59.	7.
1140	0000	-846	37.4349	80.5191	DLMU-1	0.3	1.2	3.9	4.66	0.30	15.61	825.	62.	7.
1141	0000	-843	37.4345	80.5192	DLMU-1	0.3	1.1	4.2	4.13	0.27	15.44	839.	60.	7.
1142	0000	-845	37.4341	80.5192	DLMU-1	0.3	0.9 -	4.0	2.85	0.22 -	12.92	829.	64.	8.
1143	0000	-847	37.4337	80.5193	DLMU-1	0.3	0.9 -	4.0	2.78	0.22 -	12.66	837.	63.	8.
1144	0000	-851	37.4333	80.5193	DLMU-1	0.3	0.9 -	4.2	2.93	0.21 -	14.03	850.	60.	7.
1145	0000	-854	37.4329	80.5194	DLMU-1	0.3	1.0	4.4	3.57	0.23 -	15.50	841.	61.	5.
1146	0000	-848	37.4325	80.5194	DLMU-1	0.3	1.0	4.4	3.21	0.23 -	13.72	839.	61.	4.
1147	0000	-844	37.4322	80.5194	DLMU-1	0.3	1.2	4.4	3.59	0.26	13.56	830.	61.	3.
1148	0^00	-849	37.4318	80.5195	DLMU-1	0.3	1.1	4.3	3.43	0.25	13.78	803.	63.	2.
1149	0000	-853	37.4314	80.5196	DLMU-1	0.3	1.3	4.4	5.07	0.29	17.54 +	778.	63.	1.
1150	0000	-852	37.4310	80.5196	DLMU-1	0.2	1.3	4.2	5.68	0.32	17.69 +	742.	64.	1.
1151	0000	-849	37.4306	80.5197	DLMU-1	0.2	1.4	4.0	6.66 +	0.34	19.35 +	727.	62.	1.
1152	0000	-848	37.4302	80.5197	DLMU-1	0.2	1.4	3.7	6.14	0.39	15.60	722.	59.	2.
1153	0000	-849	37.4298	80.5197	DLMU-1	0.2	1.2	3.7	5.46	0.33	16.50 +	697.	59.	2.
1154	0000	-848	37.4294	80.5198	STC-1	0.2	1.3	3.3	6.10	0.39	15.84	680.	59.	2.
1155	0000	-847	37.4290	80.5199	STC-1	0.2	1.1	3.2	4.69	0.33	14.11	662.	60.	3.
1156	0000	-848	37.4287	80.5199	STC-1	0.3	0.8	3.1	3.23	0.27	11.94	657.	60.	4.
1157	0000	-846	37.4283	80.5200	STC-1	0.3	0.8	3.1	3.16	0.26	12.06	662.	58.	5.
1158	0000	-851	37.4279	80.5200	STC-1	0.3	0.9	2.9	3.05	0.30	10.12	662.	58.	6.
1159	0000	-853	37.4275	80.5200	STC-1	0.3	1.0	2.9	3.84	0.36	10.53	659.	61.	5.
1160	0000	-843	37.4271	80.5201	STC-1	0.3	1.1	2.9	3.96	0.38	10.53	680.	61.	5.
1161	0000	-844	37.4267	80.5202	STC-1	0.3	1.1	3.1	3.79	0.36	10.56	683.	61.	4.
1162	0000	-849	37.4263	80.5202	STC-1	0.3	1.3	3.0	4.65	0.44	10.54	700.	58.	4.
1163	0000	-843	37.4259	80.5202	STC-1	0.2	1.5 +	3.0	6.00	0.49	12.34	714.	57.	3.
1164	0000	-842	37.4255	80.5202	STC-1	0.2	1.5 +	3.2	6.19	0.47	13.18	717.	60.	2.
1165	0000	-853	37.4251	80.5204	STC-1	0.2	1.5 +	3.0	6.15	0.50 +	12.22	720.	60.	1.
1166	0000	-855	37.4248	80.5204	STC-1	0.2	1.4	3.2	5.64	0.43	13.16	727.	57.	1.
1167	0000	-847	37.4244	80.5204	STC-1	0.2	1.3	3.1	5.47	0.43	12.67	713.	59.	2.
1168	0000	-847	37.4240	80.5205	STC-1	0.2	1.3	3.3	5.45	0.39	13.99	724.	57.	2.
1169	0000	-850	37.4236	80.5206	STC-1	0.2	1.3	3.4	5.77	0.38	15.27	721.	58.	3.
1170	0000	-847	37.4232	80.5206	STC-1	0.3	1.2	3.1	4.84	0.40	12.16	728.	56.	4.
1171	0000	-847	37.4228	80.5206	STC-1	0.3	1.0	3.1	3.88	0.33	11.65	735.	55.	5.
1172	0000	-853	37.4224	80.5207	STC-1	0.3	0.9	3.3	3.22	0.28	11.55	748.	56.	5.
1173	0000	-854	37.4220	80.5207	STC-1	0.3 +	0.9	3.3	2.70 -	0.28	9.72	753.	58.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-852	37.4216	80.5208	OMUU	0.3	0.7 -	3.4 -	2.11	0.22	9.72	778.	58.	6.
1175	0000	-856	37.4213	80.5209	OMUU	0.3	0.9 -	3.4 -	2.56	0.26	9.75	793.	62.	6.
1176	0000	-858	37.4209	80.5209	OMUU	0.4	0.9 -	3.8	2.12	0.23	9.14	842.	66.	6.
1177	0000	-853	37.4205	80.5210	OMUU	0.5	1.2	4.1	2.61	0.29	9.01	917.	65.	5.
1178	0000	-851	37.4201	80.5210	OMUU	0.5	1.5	4.3	2.85	0.36	8.01	999.	65.	4.
1179	0000	-854	37.4197	80.5210	OMUU	0.6	1.7	4.9	2.84	0.34	8.27	1076.	66.	3.
1180	0000	-855	37.4193	80.5211	OMUU	0.7	1.8	5.4	2.76	0.34	8.17	1172.	66.	3.
1181	0000	-853	37.4189	80.5211	OMUU	0.7	2.0 +	5.8	2.76	0.35	7.84	1264.	66.	2.
1182	0000	-853	37.4185	80.5212	OMUU	0.8	2.1 +	6.0	2.48	0.35	7.14	1360.	64.	3.
1183	0000	-856	37.4181	80.5212	OMUU	1.0	2.2 +	6.1	2.27	0.36	6.38	1444.	59.	3.
1184	0000	-858	37.4177	80.5212	OMUU	1.1	1.8	6.9	1.66	0.27	6.16	1509.	62.	4.
1185	0000	-855	37.4174	80.5213	OMUU	1.2 +	1.7	7.2	1.41	0.24	5.98	1571.	62.	4.
1186	0000	-850	37.4170	80.5214	OMUU	1.3 +	1.5	7.3	1.12 -	0.20	5.47 -	1610.	64.	4.
1187	0000	-853	37.4166	80.5214	OMUU	1.4 +	1.4	7.2	0.99 -	0.19	5.19 -	1619.	61.	4.
1188	0000	-857	37.4162	80.5214	OMUU	1.4 +	1.6	6.9	1.15 -	0.23	5.02 -	1602.	62.	4.
1189	0000	-853	37.4158	80.5215	OMUU	1.4 +	1.5	6.8	1.13 -	0.23	4.97 -	1572.	61.	3.
1190	0000	-850	37.4154	80.5215	OMUU	1.3 +	1.6	6.9	1.26 -	0.23	5.46 -	1507.	64.	2.
1191	0000	-855	37.4150	80.5216	OMUU	1.1	1.7	6.4	1.57	0.27	5.77	1420.	64.	1.
1192	0000	-857	37.4146	80.5217	OMUU	1.0	1.9	5.9	1.83	0.31	5.85	1317.	68.	1.
1193	0000	-852	37.4142	80.5217	OMUU	0.9	1.9	5.8	2.20	0.33	6.59	1258.	63.	0.
1194	0000	-853	37.4139	80.5218	OMUU	0.8	1.9	5.7	2.57	0.34	7.58	1193.	65.	0.
1195	0000	-859	37.4135	80.5218	OMUU	0.7	1.7	5.7	2.42	0.30	8.02	1145.	63.	1.
1196	0000	-859	37.4131	80.5218	OMUU	0.7	1.5	5.7	2.13	0.26	8.33	1103.	62.	1.
1197	0000	-855	37.4127	80.5219	OMUU	0.6	1.4	5.6	2.15	0.24	8.83	1080.	63.	1.
1198	0000	-852	37.4123	80.5219	OMUU	0.7	1.2	5.6	1.86	0.22	8.63	1076.	61.	1.
1199	0000	-853	37.4119	80.5220	OMUU	0.6	1.1	6.0	1.74	0.18 -	9.61	1076.	56.	1.
1200	0000	-856	37.4115	80.5220	OMUU	0.6	1.2	5.7	2.01	0.20	9.95	1052.	59.	1.
1201	0000	-853	37.4111	80.5221	OMUU	0.6	1.1	5.6	2.01	0.21	9.75	1052.	62.	1.
1202	0000	-853	37.4107	80.5222	OMUU	0.5	1.3	5.5	2.45	0.24	10.15	1070.	63.	0.
1203	0000	-854	37.4103	80.5222	OMUU	0.5	1.5	5.3	2.88	0.28	10.44	1076.	66.	0.
1204	0000	-852	37.4100	80.5222	OMUU	0.5	1.6	5.2	3.04	0.30	10.04	1084.	66.	0.
1205	0000	-855	37.4096	80.5223	STC-2	0.5	1.7	5.1	3.71	0.33	11.15	1070.	70.	0.
1206	0000	-857	37.4092	80.5224	STC-2	0.4	1.8	4.7	4.25	0.37 +	11.35	1045.	73.	0.
1207	0000	-853	37.4088	80.5224	STC-2	0.4	1.7	4.6	4.20	0.36 +	11.51	1020.	71.	0.
1208	0000	-855	37.4084	80.5224	STC-2	0.4	1.6	4.7	3.99	0.34	11.86	976.	70.	1.
1209	0000	-851	37.4080	80.5226	STC-2	0.4	1.4	4.5	3.76	0.31	12.22	922.	70.	1.
1210	0000	-847	37.4076	80.5226	STC-2	0.3	1.4	4.5	4.05	0.31	13.20	905.	66.	1.
1211	0000	-854	37.4072	80.5226	STC-2	0.3	1.3	4.6	3.83	0.28	13.87	882.	66.	2.
1212	0000	-853	37.4068	80.5227	STC-2	0.3	1.2	4.7	3.71	0.26	14.38	878.	64.	3.
1213	0000	-853	37.4065	80.5227	STC-2	0.3	1.0	4.5	3.04	0.22	13.59	884.	67.	4.
1214	0000	-860	37.4061	80.5228	STC-2	0.3	1.1	4.6	3.54	0.24	14.60	905.	65.	5.
1215	0000	-855	37.4057	80.5228	STC-2	0.3	1.0	4.7	3.16	0.21	14.94	924.	63.	6.
1216	0000	-852	37.4053	80.5228	STC-2	0.3	0.9 -	4.8	2.83	0.18	15.45	923.	63.	8.
1217	0000	-857	37.4049	80.5229	STC-2	0.3	0.9 -	4.9	3.12	0.18	17.05	903.	65.	7.
1218	0000	-858	37.4045	80.5229	STC-2	0.3 -	0.9 -	4.7	3.35	0.19	17.20	890.	66.	8.
1219	0000	-861	37.4041	80.5230	STC-2	0.3	0.9 -	4.7	3.16	0.19	16.79	889.	63.	8.
1220	0000	-859	37.4037	80.5231	STC-2	0.3	1.1	5.0	3.72	0.21	17.78 +	911.	60.	7.
1221	0000	-854	37.4033	80.5231	STC-2	0.3	1.2	5.4	4.01	0.23	17.76 +	918.	64.	6.
1222	0000	-855	37.4029	80.5231	STC-2	0.3	1.4	5.3	4.37	0.26	16.93	941.	64.	5.
1223	0000	-853	37.4026	80.5232	STC-2	0.3	1.5	5.4	4.64	0.28	16.38	975.	64.	4.
1224	0000	-853	37.4022	80.5232	STC-2	0.3	1.6	5.7	4.57	0.27	16.86	1009.	65.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-857	37.4018	80.5233	STC-2	0.4	1.8	6.2	4.98 +	0.29	16.97	1049.	61.	2.
1226	0000	-855	37.4014	80.5233	STC-2	0.4	1.9	6.0	5.06 +	0.33	15.57	1052.	62.	1.
1227	0000	-857	37.4010	80.5233	STC-2	0.3	2.0 +	5.7	6.31 +	0.36 +	17.55 +	1023.	64.	1.
1228	0000	-860	37.4006	80.5234	STC-2	0.3	1.8	5.4	5.09 +	0.33	15.63	994.	64.	1.
1229	0000	-858	37.4002	80.5235	STC-2	0.3	1.9	5.1	6.42 +	0.37 +	17.30	950.	63.	0.
1230	0000	-860	37.3998	80.5235	STC-2	0.2 -	1.9	4.9	8.06 ++	0.39 +	20.50 +	900.	65.	0.
1231	0000	-862	37.3994	80.5236	STC-2	0.2 -	1.9	4.1 -	8.51 ++	0.47 +	18.16 +	848.	63.	1.
1232	0000	-862	37.3991	80.5237	STC-1	0.2	1.7 +	3.4	8.77 +	0.50	17.67 +	778.	66.	2.
1233	0000	-862	37.3987	80.5237	STC-1	0.2 -	1.6 +	3.2	9.96 +	0.49	20.13 +	744.	64.	3.
1234	0000	-861	37.3983	80.5237	STC-1	0.2	1.3	3.0	7.67 +	0.43	17.67 +	721.	65.	5.
1235	0000	-860	37.3979	80.5237	STC-1	0.1 -	1.4	2.6	9.99 +	0.55 +	18.19 +	706.	65.	7.
1236	0000	-859	37.3975	80.5238	STC-1	0.2 -	1.3	2.7	8.20 +	0.47	17.59 +	700.	68.	8.
1237	0000	-860	37.3971	80.5239	STC-1	0.2	1.2	2.7	6.06	0.45	13.52	713.	64.	9.
1238	0000	-864	37.3967	80.5239	STC-1	0.2	1.3	3.0	6.55	0.43	15.28	731.	65.	9.
1239	0000	-864	37.3963	80.5240	STC-1	0.2	1.3	3.0	6.05	0.41	14.70	746.	65.	5.
1240	0000	-859	37.3959	80.5241	STC-1	0.2	1.1	3.5	5.54	0.32	17.17 +	741.	68.	9.
1241	0000	-856	37.3955	80.5241	STC-1	0.2	1.1	3.7 +	4.87	0.31	15.96	745.	67.	8.
1242	0000	-859	37.3952	80.5241	DLMU-1	0.2	1.0	3.9	4.74	0.25	18.60 +	741.	64.	8.
1243	0000	-859	37.3948	80.5242	DLMU-1	0.2 -	1.1	3.7	6.06	0.29	20.98 ++	733.	61.	7.
1244	0000	-862	37.3944	80.5242	DLMU-1	0.2 -	1.2	3.4	7.73 +	0.35	22.38 ++	716.	63.	7.
1245	0000	-866	37.3940	80.5243	DLMU-1	0.1 -	1.1	3.3	8.52 +	0.34	24.95 ++	692.	63.	6.
1246	0000	-858	37.3936	80.5244	DLMU-1	0.1 -	1.2	3.2	10.49 +	0.37	28.13 +++	656.	62.	5.
1247	0000	-856	37.3932	80.5244	DLMU-1	0.1 -	1.3	2.6 -	9.46 +	0.48	19.82 +	644.	59.	4.
1248	0000	-866	37.3928	80.5245	DLMU-1	0.1 -	1.4	2.1 -	13.96 ++	0.65 +	21.52 ++	614.	58.	3.
1249	0100	-863	37.3924	80.5245	DLMU-1	0.1 N.A.	1.5	1.9 -	18.58 N.A.	0.77 ++	24.21 N.A.	582.	63.	2.
1250	0000	-858	37.3920	80.5245	DLMU-1	0.1 -	1.5	1.7 -	14.16 ++	0.88 ++	16.15 +	553.	64.	2.
1251	0000	-865	37.3917	80.5246	DLMU-1	0.1 --	1.5	2.0 -	17.69 ++	0.73 +	24.17 ++	543.	64.	1.
1252	0000	-865	37.3913	80.5246	DLMU-1	0.1 -	1.4	1.8 -	11.94 +	0.77 ++	15.46	532.	63.	1.
1253	0000	-858	37.3909	80.5247	DLMU-1	0.1 -	1.4	1.8 -	14.74 ++	0.76 ++	19.33 +	531.	64.	0.
1254	0100	-861	37.3905	80.5247	DLMU-1	0.1 N.A.	1.6	1.8 -	26.68 N.A.	0.89 ++	30.06 N.A.	533.	68.	0.
1255	0000	-864	37.3901	80.5247	DLMU-1	0.1 -	1.5	2.2 -	15.41 ++	0.69 +	22.30 ++	554.	67.	0.
1256	0000	-862	37.3897	80.5248	DLMU-1	0.1 -	1.5	2.4 -	14.37 ++	0.64 +	22.56 ++	565.	65.	0.
1257	0000	-865	37.3893	80.5249	DLMU-1	0.1 -	1.4	2.5 -	13.04 ++	0.56 +	23.31 ++	581.	65.	0.
1258	0000	-865	37.3889	80.5249	DLMU-1	0.2 -	1.3	2.6 -	8.78 +	0.52 +	16.97 +	592.	62.	0.
1259	0000	-861	37.3885	80.5249	DLMU-1	0.1 -	1.3	2.5 -	8.93 +	0.51	17.38 +	596.	63.	1.
1260	0000	-864	37.3881	80.5251	DLMU-1	0.2 -	1.1	2.6 -	6.46 +	0.43	15.07	597.	64.	2.
1261	0000	-869	37.3878	80.5251	DLMU-1	0.2	0.9 -	2.8	4.28	0.31	13.79	586.	63.	3.
1262	0000	-871	37.3874	80.5251	DLMU-1	0.2 -	0.9 -	2.6 -	5.99	0.35	17.21 +	562.	66.	3.
1263	0000	-868	37.3870	80.5252	DLMU-1	0.2 -	1.0	2.4 -	5.77	0.42	13.87	557.	68.	4.
1264	0000	-861	37.3866	80.5252	DLMU-1	0.1 -	1.1	2.4 -	7.36 +	0.45	16.34 +	558.	69.	4.
1265	0000	-863	37.3862	80.5253	DLMU-1	0.1 -	1.0	2.4 -	6.90 +	0.41	16.98 +	563.	71.	4.
1266	0000	-873	37.3858	80.5253	DLMU-1	0.1 -	1.1	2.4 -	8.16 +	0.45	18.29 +	562.	71.	4.
1267	0000	-866	37.3854	80.5253	DLMU-1	0.2 -	1.0	2.6 -	6.34	0.40	15.72 +	577.	70.	3.
1268	0000	-861	37.3850	80.5254	DLMU-1	0.1 -	1.1	2.4 -	7.52 +	0.45	16.76 +	584.	68.	4.
1269	0000	-867	37.3846	80.5254	DLMU-1	0.2 -	1.0	2.6 -	6.02	0.41	14.80	612.	65.	3.
1270	0000	-865	37.3843	80.5255	DLMU-1	0.2 -	0.9 -	2.5 -	4.85	0.36	13.49	627.	64.	3.
1271	0000	-866	37.3839	80.5255	DLMU-1	0.3	0.7 -	2.5 -	2.92	0.29	9.95	653.	62.	4.
1272	0000	-870	37.3835	80.5255	DLMU-1	0.3	0.7 -	2.6 -	2.86	0.28	10.04	676.	61.	5.
1273	0000	-868	37.3831	80.5257	DLMU-1	0.3	0.7 -	3.0	2.47	0.22 -	11.10	714.	60.	5.
1274	0000	-870	37.3827	80.5257	DLMU-1	0.3	0.9	3.0	3.34	0.31	10.90	748.	61.	5.
1275	0000	-869	37.3823	80.5257	DLMU-1	0.3	1.0	3.4	3.02	0.29	10.34	778.	63.	6.

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 — TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS ID	QUAL (AKLT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-867	37.3819	80.5258	DLMU-1	0.3	0.9	3.4	2.84	0.28	10.24	782.	65.	7.
1277	0000	-869	37.3815	80.5259	DLMU-1	0.3	1.0	3.6	3.11	0.28	11.12	795.	65.	7.
1278	0000	-867	37.3811	80.5259	DLMU-1	0.3	1.0	3.6	3.16	0.27	11.56	787.	64.	7.
1279	0000	-871	37.3807	80.5259	DLMU-1	0.3	0.9 -	3.5	2.86	0.25	11.31	752.	67.	8.
1280	0000	-876	37.3804	80.5260	STC-1	0.3	0.7 -	3.0	2.18 -	0.22 -	9.94	721.	68.	10.
1281	0000	-867	37.3800	80.5260	STC-1	0.3	0.5 --	2.9	1.74 --	0.16 --	10.99	679.	69.	10.
1282	0010	-868	37.3796	80.5261	STC-1	0.2	0.3 N.A.	2.5	1.30 N.A.	0.12 N.A.	10.78	639.	72.	11.
1283	0010	-876	37.3792	80.5262	STC-1	0.2	0.2 N.A.	2.4	1.06 N.A.	0.10 N.A.	10.66	620.	70.	11.
1284	0010	-873	37.3788	80.5262	STC-1	0.2	0.1 N.A.	2.3 -	0.48 N.A.	0.05 N.A.	9.49	595.	70.	10.
1285	0010	-872	37.3784	80.5262	STC-1	0.2	0.1 N.A.	2.4	0.63 N.A.	0.05 N.A.	12.31	582.	71.	11.
1286	0010	-875	37.3780	80.5262	STC-1	0.2	0.3 N.A.	2.4 -	1.59 N.A.	0.13 N.A.	12.29	583.	69.	10.
1287	0000	-872	37.3776	80.5263	STC-1	0.2	0.4 --	2.3 -	2.34 -	0.19 -	12.20	583.	67.	10.
1288	0000	-874	37.3772	80.5264	STC-1	0.2	0.5 --	2.1 -	2.21 -	0.21 -	10.31	583.	66.	10.
1289	0000	-877	37.3769	80.5264	STC-1	0.2	0.6 -	2.2 -	2.95	0.26	11.26	592.	62.	9.
1290	0000	-875	37.3765	80.5265	STC-1	0.2	0.6 -	2.3 -	2.67 -	0.27	9.76	601.	63.	9.
1291	0000	-874	37.3761	80.5265	STC-1	0.2	0.6 -	2.3 -	2.80	0.27	10.21	611.	65.	9.
1292	0000	-876	37.3757	80.5265	STC-1	0.2	0.7 -	2.2 -	3.19	0.31	10.21	608.	69.	8.
1293	0000	-876	37.3753	80.5266	STC-1	0.2	0.7 -	2.2 -	3.40	0.34	10.05	612.	70.	8.
1294	0000	-873	37.3749	80.5267	STC-1	0.2	0.8	2.6	3.19	0.30	10.58	640.	72.	6.
1295	0000	-873	37.3745	80.5267	STC-1	0.3	0.8	2.8	2.93	0.28	10.34	671.	74.	6.
1296	0000	-878	37.3741	80.5268	STC-1	0.3	0.9	3.2	3.29	0.27	12.10	709.	75.	6.
1297	0000	-876	37.3737	80.5269	STC-1	0.2	1.0	3.7 +	4.28	0.27	15.77	756.	75.	5.
1298	0000	-873	37.3733	80.5269	STC-2	0.3	1.0	4.5	3.63	0.23	15.78	815.	76.	4.
1299	0000	-877	37.3730	80.5269	STC-2	0.3	0.9 -	4.9	2.74	0.19	14.48	860.	75.	4.
1300	0000	-879	37.3726	80.5270	STC-2	0.4	1.0 -	5.2	2.67	0.18 -	14.69	899.	75.	5.
1301	0000	-878	37.3722	80.5270	STC-2	0.3	1.0	5.5	3.00	0.19	15.96	918.	74.	5.
1302	0000	-878	37.3718	80.5271	STC-2	0.3	1.1	6.0	3.33	0.18	18.05 +	936.	76.	5.
1303	0000	-876	37.3714	80.5271	STC-2	0.3	1.2	6.3	3.54	0.19	18.94 +	949.	75.	4.
1304	0000	-877	37.3710	80.5271	STC-2	0.3	1.2	6.1	3.57	0.20	17.83 +	952.	76.	4.
1305	0000	-881	37.3705	80.5270	STC-2	0.3	1.3	6.0	3.93	0.22	18.17 +	952.	76.	4.
1306	0000	-881	37.3701	80.5270	STC-2	0.4	1.5	6.0	4.23	0.26	16.57	978.	71.	2.
1307	0000	-880	37.3697	80.5269	STC-2	0.4	1.6	5.8	4.05	0.27	14.89	989.	69.	1.
1308	0000	-880	37.3692	80.5268	STC-2	0.4	1.4	5.8	3.38	0.25	13.73	997.	70.	1.
1309	0000	-880	37.3687	80.5267	STC-2	0.5	1.4	5.5	3.14	0.26	12.05	1006.	67.	0.
1310	0000	-879	37.3683	80.5267	STC-2	0.5	1.4	5.3	3.05	0.27	11.09	1004.	65.	0.
1311	0000	-877	37.3679	80.5267	STC-2	0.5	1.4	5.2	2.83	0.28	10.22	999.	64.	0.
1312	0000	-875	37.3674	80.5266	STC-2	0.5	1.5	4.7	3.15	0.32	10.00	995.	62.	0.
1313	0000	-877	37.3670	80.5265	STC-2	0.4	1.5	4.8	3.45	0.31	11.28	970.	66.	0.
1314	0000	-877	37.3665	80.5265	STC-2	0.4	1.5	5.0	3.57	0.30	12.07	974.	69.	0.
1315	0000	-879	37.3661	80.5264	STC-2	0.4	1.5	4.7	4.14	0.32	12.89	958.	70.	0.
1316	0000	-884	37.3656	80.5264	STC-2	0.3	1.6	4.7	5.37 +	0.35	15.33	943.	70.	0.
1317	0000	-883	37.3652	80.5263	STC-2	0.3	1.6	4.4 -	5.63 +	0.37 +	15.04	915.	72.	0.
1318	0000	-879	37.3648	80.5262	STC-1	0.3	1.6 +	3.9 +	6.06	0.42	14.43	873.	71.	0.
1319	0000	-883	37.3643	80.5262	STC-1	0.3	1.4	3.7 +	5.66	0.38	14.71	827.	73.	1.
1320	0000	-881	37.3639	80.5262	STC-1	0.3	1.4	3.3	5.53	0.41	13.33	782.	72.	1.
1321	0000	-876	37.3634	80.5260	STC-1	0.2	1.4	3.0	5.75	0.46	12.56	740.	69.	1.
1322	0000	-882	37.3630	80.5260	STC-1	0.2	1.4	2.9	6.36	0.49	12.89	703.	67.	1.
1323	0000	-887	37.3625	80.5260	STC-1	0.2	1.3	2.7	6.15	0.47	12.96	662.	68.	1.
1324	0000	-884	37.3621	80.5259	STC-1	0.2	1.3	2.5	6.80	0.52 +	13.01	643.	71.	2.
1325	0000	-880	37.3617	80.5259	STC-1	0.1 -	1.3	2.7	8.74 +	0.47	18.70 +	631.	72.	2.
1326	0000	-878	37.3612	80.5258	STC-1	0.1 -	1.3	2.9	9.59 +	0.45	21.45 +	618.	72.	2.

CP6 1412

FLIGHT LINE 240, 3112 ...A01
FLIGHT LINE 240, 3163 ...B01
FLIGHT LINE 240, 3214 ...C01
FLIGHT LINE 820, 1 ...D01
FLIGHT LINE 820, 52 ...E01
FLIGHT LINE 820, 103 ...F01
FLIGHT LINE 820, 154 ...G01
FLIGHT LINE 820, 205 ...H01
FLIGHT LINE 820, 256 ...I01
FLIGHT LINE 820, 307 ...J01
FLIGHT LINE 820, 358 ...K01
FLIGHT LINE 820, 409 ...L01
FLIGHT LINE 820, 460 ...M01
FLIGHT LINE 820, 511 ...A02
FLIGHT LINE 820, 562 ...B02
FLIGHT LINE 820, 613 ...C02
FLIGHT LINE 820, 664 ...D02
FLIGHT LINE 820, 715 ...E02
FLIGHT LINE 820, 766 ...F02
FLIGHT LINE 820, 817 ...G02
FLIGHT LINE 820, 868 ...H02
FLIGHT LINE 820, 919 ...I02
FLIGHT LINE 820, 970 ...J02
FLIGHT LINE 820, 1021 ...K02
FLIGHT LINE 820, 1072 ...L02
FLIGHT LINE 820, 1123 ...M02
FLIGHT LINE 820, 1174 ...A03
FLIGHT LINE 820, 1225 ...B03
FLIGHT LINE 820, 1276 ...C03
FLIGHT LINE 820, 1327 ...D03
FLIGHT LINE 820, 1378 ...E03
FLIGHT LINE 820, 1429 ...F03
FLIGHT LINE 820, 1480 ...G03
FLIGHT LINE 820, 1531 ...H03
FLIGHT LINE 820, 1582 ...I03
FLIGHT LINE 820, 1633 ...J03
FLIGHT LINE 820, 1684 ...K03
FLIGHT LINE 820, 1735 ...L03
FLIGHT LINE 820, 1786 ...M03
FLIGHT LINE 820, 1837 ...A04
FLIGHT LINE 820, 1888 ...B04
FLIGHT LINE 820, 1939 ...C04
FLIGHT LINE 820, 1990 ...D04
FLIGHT LINE 820, 2041 ...E04
FLIGHT LINE 820, 2092 ...F04
FLIGHT LINE 820, 2143 ...G04
FLIGHT LINE 840, 1 ...H04
FLIGHT LINE 840, 52 ...I04
FLIGHT LINE 840, 103 ...J04
FLIGHT LINE 840, 154 ...K04
FLIGHT LINE 840, 205 ...L04
FLIGHT LINE 840, 256 ...M04
FLIGHT LINE 840, 307 ...A05
FLIGHT LINE 840, 358 ...B05
FLIGHT LINE 840, 409 ...C05
FLIGHT LINE 840, 460 ...D05
FLIGHT LINE 840, 511 ...E05
FLIGHT LINE 840, 562 ...F05
FLIGHT LINE 840, 613 ...G05
FLIGHT LINE 840, 664 ...H05
FLIGHT LINE 840, 715 ...I05
FLIGHT LINE 840, 766 ...J05
FLIGHT LINE 840, 817 ...K05
FLIGHT LINE 840, 868 ...L05
FLIGHT LINE 840, 919 ...M05
FLIGHT LINE 840, 970 ...A06
FLIGHT LINE 840, 1021 ...B06
FLIGHT LINE 840, 1072 ...C06
FLIGHT LINE 840, 1123 ...D06
FLIGHT LINE 840, 1174 ...E06
FLIGHT LINE 840, 1225 ...F06
FLIGHT LINE 840, 1276 ...G06
FLIGHT LINE 840, 1327 ...HQ6
FLIGHT LINE 840, 1378 ...I06
FLIGHT LINE 840, 1429 ...J06
FLIGHT LINE 840, 1480 ...K06
FLIGHT LINE 840, 1531 ...L06
FLIGHT LINE 840, 1582 ...M06
FLIGHT LINE 840, 1633 ...A07
FLIGHT LINE 840, 1684 ...B07
FLIGHT LINE 840, 1735 ...C07
FLIGHT LINE 840, 1786 ...D07
FLIGHT LINE 840, 1837 ...E07
FLIGHT LINE 840, 1888 ...F07
FLIGHT LINE 840, 1939 ...G07
FLIGHT LINE 840, 1990 ...H07
FLIGHT LINE 840, 2041 ...I07
FLIGHT LINE 840, 2092 ...J07
FLIGHT LINE 840, 2143 ...K07
FLIGHT LINE 840, 2194 ...L07
FLIGHT LINE 840, 2245 ...M07
FLIGHT LINE 840, 2296 ...A08
FLIGHT LINE 860, 1 ...B08
FLIGHT LINE 860, 52 ...C08
FLIGHT LINE 860, 103 ...D08
FLIGHT LINE 860, 154 ...E08
FLIGHT LINE 860, 205 ...F08
FLIGHT LINE 860, 256 ...G08
FLIGHT LINE 860, 307 ...H08
FLIGHT LINE 860, 358 ...I08
FLIGHT LINE 860, 409 ...J08
FLIGHT LINE 860, 460 ...K08
FLIGHT LINE 860, 511 ...L08
FLIGHT LINE 860, 562 ...M08
FLIGHT LINE 860, 603 ...A09
FLIGHT LINE 860, 654 ...B09
FLIGHT LINE 860, 705 ...C09
FLIGHT LINE 860, 756 ...D09
FLIGHT LINE 860, 807 ...E09
FLIGHT LINE 860, 858 ...F09
FLIGHT LINE 860, 909 ...G09
FLIGHT LINE 860, 960 ...H09
FLIGHT LINE 860, 1011 ...I09
FLIGHT LINE 860, 1062 ...J09
FLIGHT LINE 860, 1113 ...K09
FLIGHT LINE 860, 1164 ...L09
FLIGHT LINE 860, 1215 ...M09
FLIGHT LINE 860, 1266 ...A10
FLIGHT LINE 860, 1317 ...B10
FLIGHT LINE 860, 1368 ...C10
FLIGHT LINE 860, 1419 ...D10
FLIGHT LINE 860, 1470 ...E10
FLIGHT LINE 860, 1521 ...F10
FLIGHT LINE 860, 1572 ...G10
FLIGHT LINE 860, 1623 ...H10
FLIGHT LINE 860, 1674 ...I10
FLIGHT LINE 860, 1725 ...J10
FLIGHT LINE 860, 1776 ...K10
FLIGHT LINE 860, 1827 ...L10
FLIGHT LINE 860, 1878 ...M10
FLIGHT LINE 860, 1929 ...A11
FLIGHT LINE 880, 1 ...B11
FLIGHT LINE 880, 52 ...C11
FLIGHT LINE 880, 103 ...D11
FLIGHT LINE 880, 154 ...E11
FLIGHT LINE 880, 205 ...F11
FLIGHT LINE 880, 256 ...G11
FLIGHT LINE 880, 307 ...H11
FLIGHT LINE 880, 358 ...I11
FLIGHT LINE 880, 409 ...J11
FLIGHT LINE 880, 460 ...K11
FLIGHT LINE 880, 511 ...L11
FLIGHT LINE 880, 562 ...M11
FLIGHT LINE 880, 613 ...A12
FLIGHT LINE 880, 664 ...B12
FLIGHT LINE 880, 715 ...C12
FLIGHT LINE 880, 766 ...D12
FLIGHT LINE 880, 817 ...E12
FLIGHT LINE 880, 868 ...F12
FLIGHT LINE 880, 919 ...G12
FLIGHT LINE 880, 970 ...H12
FLIGHT LINE 880, 1021 ...I12
FLIGHT LINE 880, 1072 ...J12
FLIGHT LINE 880, 1123 ...K12
FLIGHT LINE 880, 1174 ...L12
FLIGHT LINE 880, 1225 ...M12
FLIGHT LINE 880, 1276 ...A13
FLIGHT LINE 880, 1327 ...B13
FLIGHT LINE 880, 1378 ...C13
FLIGHT LINE 880, 1429 ...D13
FLIGHT LINE 880, 1480 ...E13
FLIGHT LINE 880, 1531 ...F13
FLIGHT LINE 880, 1582 ...G13
FLIGHT LINE 880, 1633 ...H13
FLIGHT LINE 880, 1684 ...I13
FLIGHT LINE 880, 1735 ...J13
FLIGHT LINE 880, 1786 ...K13
FLIGHT LINE 880, 1837 ...L13
FLIGHT LINE 880, 1888 ...M13
FLIGHT LINE 880, 1939 ...A14
FLIGHT LINE 880, 1990 ...B14
FLIGHT LINE 880, 2041 ...C14
FLIGHT LINE 880, 2092 ...D14
FLIGHT LINE 880, 2143 ...E14
FLIGHT LINE 880, 2194 ...F14
FLIGHT LINE 880, 2245 ...G14
FLIGHT LINE 880, 2296 ...H14
FLIGHT LINE 880, 2347 ...I14
FLIGHT LINE 880, 2398 ...J14
FLIGHT LINE 880, 2449 ...K14
FLIGHT LINE 880, 2500 ...L14
FLIGHT LINE 900, 1 ...M14
FLIGHT LINE 900, 52 ...A15
FLIGHT LINE 900, 103 ...B15
FLIGHT LINE 900, 154 ...C15
FLIGHT LINE 900, 205 ...D15
FLIGHT LINE 900, 256 ...E15
FLIGHT LINE 900, 307 ...F15
FLIGHT LINE 900, 358 ...G15
FLIGHT LINE 900, 409 ...H15
FLIGHT LINE 900, 460 ...I15
FLIGHT LINE 900, 511 ...J15
FLIGHT LINE 900, 562 ...K15
FLIGHT LINE 900, 613 ...L15
FLIGHT LINE 900, 664 ...M15
FLIGHT LINE 900, 715 ...A16
FLIGHT LINE 900, 766 ...B16
FLIGHT LINE 900, 817 ...C16
FLIGHT LINE 900, 868 ...D16
FLIGHT LINE 900, 919 ...E16
FLIGHT LINE 900, 970 ...F16
FLIGHT LINE 900, 1021 ...G16
FLIGHT LINE 900, 1072 ...H16
FLIGHT LINE 900, 1123 ...I16
FLIGHT LINE 900, 1174 ...J16
FLIGHT LINE 900, 1225 ...K16
FLIGHT LINE 900, 1276 ...L16

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-878	37.3607	80.5257	STC-1	0.1 -	1.4	2.7	10.97 +	0.53 -	2.17 +	621.	72.	2.
1328	0000	-880	37.3604	80.5257	STC-1	0.1 -	1.2	2.9	9.03 +	0.40	22.45 ++	605.	72.	2.
1329	0000	-882	37.3599	80.5257	STC-1	0.2 -	1.1	2.8	6.66	0.39	17.19 +	598.	71.	3.
1330	0000	-884	37.3594	80.5256	STC-1	0.2	1.0	2.9	5.18	0.34	15.19	601.	72.	4.
1331	0000	-884	37.3590	80.5255	STC-1	0.2	0.8	3.0	3.62	0.26	13.56	603.	71.	4.
1332	0000	-880	37.3586	80.5254	STC-1	0.3	0.6 -	2.9	2.35 -	0.22 -	10.78	604.	72.	6.
1333	0000	-880	37.3581	80.5254	STC-1	0.3	0.6 -	3.0	1.99 -	0.19 -	10.46	625.	70.	6.
1334	0010	-883	37.3576	80.5253	STC-1	0.3	0.4 N.A.	3.4	1.31 N.A.	0.10 N.A.	12.56	633.	70.	7.
1335	0000	-882	37.3572	80.5252	STC-1	0.3	0.5 --	3.4	1.75 -	0.15 --	11.57	647.	72.	7.
1336	0000	-883	37.3568	80.5252	OMUU	0.3 -	0.5 --	3.3 -	1.57	0.14 -	11.28	657.	75.	7.
1337	0010	-886	37.3563	80.5252	OMUU	0.3 -	0.4 N.A.	3.3 -	1.24 N.A.	0.11 N.A.	11.13	677.	73.	7.
1338	0010	-882	37.3559	80.5251	OMUU	0.3 -	0.3 N.A.	3.4 -	0.91 N.A.	0.08 N.A.	11.59	688.	73.	7.
1339	0010	-886	37.3555	80.5250	OMUU	0.3 -	0.3 N.A.	3.6 -	0.93 N.A.	0.08 N.A.	11.29	698.	76.	8.
1340	0000	-892	37.3550	80.5249	OMUU	0.3 -	0.6 -	3.2 -	1.91	0.18 -	10.47	699.	78.	7.
1341	0000	-890	37.3546	80.5249	OMUU	0.4	0.6 -	2.9 -	1.70	0.21	7.98	705.	76.	7.
1342	0000	-885	37.3542	80.5249	OMUU	0.3 -	0.6 -	2.8 -	1.87	0.22	8.48	696.	75.	7.
1343	0000	-886	37.3537	80.5248	OMUU	0.3 -	0.7 -	2.9 -	2.10	0.24	8.91	673.	75.	7.
1344	0000	-885	37.3532	80.5247	OMUU	0.3 -	0.8 -	2.6 -	2.83	0.32	8.92	634.	75.	6.
1345	0000	-883	37.3528	80.5247	OMUU	0.3 -	1.1	2.2 -	3.89 +	0.48 +	8.10	611.	75.	6.
1346	0000	-885	37.3524	80.5246	STC-1	0.2	1.1	2.3 -	4.56	0.46	9.80	590.	73.	5.
1347	0000	-888	37.3519	80.5246	STC-1	0.2	0.9	2.2 -	4.31	0.42	10.24	567.	72.	5.
1348	0000	-887	37.3514	80.5245	STC-1	0.2	1.0	2.1 -	5.76	0.49	11.84	558.	74.	6.
1349	0000	-887	37.3510	80.5245	STC-1	0.2	0.9	2.3 -	4.87	0.38	12.81	564.	75.	6.
1350	0000	-888	37.3506	80.5244	STC-1	0.2	1.0	2.3 -	4.61	0.42	10.99	594.	72.	5.
1351	0000	-887	37.3501	80.5244	STC-1	0.2	1.1	2.7	4.63	0.40	11.62	640.	71.	4.
1352	0000	-888	37.3497	80.5243	STC-1	0.2	0.9	3.1	3.76	0.30	12.49	666.	71.	4.
1353	0000	-888	37.3493	80.5242	STC-1	0.3	1.2	2.9	4.66	0.43	10.78	704.	71.	4.
1354	0000	-885	37.3488	80.5241	STC-1	0.3	1.4	3.1	4.86	0.46	10.57	745.	69.	4.
1355	0000	-884	37.3483	80.5241	STC-1	0.3	1.4	3.1	4.45	0.45	9.81	771.	70.	3.
1356	0000	-888	37.3479	80.5241	STC-1	0.4 +	1.5 +	2.9	4.18	0.52 +	8.04 -	788.	71.	2.
1357	0000	-888	37.3475	80.5240	STC-1	0.3	1.6 +	3.1	5.12	0.50 +	10.16	806.	74.	2.
1358	0000	-887	37.3470	80.5239	STC-1	0.3	1.8 +	2.9	6.48	0.62 +	10.51	806.	76.	2.
1359	0000	-887	37.3465	80.5238	STC-1	0.3	2.1 ++	2.7	7.77 +	0.78 ++	9.96	829.	75.	1.
1360	0000	-888	37.3462	80.5238	STC-1	0.2	2.2 ++	3.0	8.96 +	0.72 ++	12.39	850.	73.	1.
1361	0000	-889	37.3457	80.5237	STC-1	0.3	2.1 ++	3.4	7.23 +	0.60 +	11.97	873.	75.	0.
1362	0000	-888	37.3452	80.5237	STC-2	0.3 -	2.3 +	4.1 -	8.51 ++	0.54 ++	15.66	910.	75.	0.
1363	0000	-886	37.3448	80.5236	STC-2	0.3	2.4 +	4.6	8.23 ++	0.53 ++	15.47	963.	74.	0.
1364	0000	-888	37.3444	80.5236	STC-2	0.4	2.3 +	5.2	6.64 +	0.45 +	14.74	1008.	72.	1.
1365	0000	-890	37.3439	80.5235	STC-2	0.4	2.1 +	5.7	5.15 +	0.36 +	14.18	1050.	71.	1.
1366	0000	-883	37.3435	80.5235	STC-2	0.4	2.0 +	6.1	5.31 +	0.33	16.11	1078.	70.	2.
1367	0000	-885	37.3430	80.5233	STC-2	0.4	1.7	6.2	4.12	0.28	14.95	1090.	69.	3.
1368	0000	-891	37.3426	80.5233	STC-2	0.4	1.7	5.9	4.63	0.29	16.17	1087.	68.	4.
1369	0000	-883	37.3421	80.5233	STC-2	0.4	1.5	5.5	3.62	0.27	13.32	1068.	68.	6.
1370	0000	-879	37.3417	80.5232	STC-2	0.4	1.3	5.5	3.81	0.25	15.43	1048.	70.	7.
1371	0000	-885	37.3413	80.5232	STC-2	0.3	1.3	5.0	3.93	0.26	14.85	1035.	69.	8.
1372	0000	-882	37.3408	80.5231	STC-2	0.4	1.1	4.6	2.92	0.23	12.61	1016.	69.	10.
1373	0000	-882	37.3403	80.5230	STC-2	0.5	0.8 -	4.5	1.71 -	0.18 -	9.58	1005.	69.	11.
1374	0000	-892	37.3400	80.5230	STC-2	0.4	0.8 -	4.4	1.79 -	0.18 -	10.13	986.	69.	12.
1375	0000	-895	37.3395	80.5230	STC-2	0.4	0.6 --	4.6	1.33 -	0.13 --	10.54	970.	67.	13.
1376	0010	-887	37.3391	80.5229	STC-2	0.4	0.4 N.A.	4.5	1.07 N.A.	0.09 N.A.	11.42	946.	65.	13.
1377	0000	-886	37.3386	80.5228	STC-2	0.4	0.5 --	4.1 -	1.39 -	0.13 --	10.67	911.	64.	13.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-893	37.3382	80.5228	STC-1	0.4 +	0.5 -	3.8 +	1.40 --	0.14 --	9.84	881.	62.	13.
1379	0000	-891	37.3377	80.5227	STC-2	0.4	0.3 -	4.1 -	2.13	0.18	11.68	887.	61.	11.
1380	0000	-888	37.3373	80.5227	STC-2	0.3	0.9 -	4.1 -	3.37	0.23	14.67	855.	63.	10.
1381	0000	-890	37.3369	80.5227	STC-2	0.3	1.1	4.1 -	3.72	0.26	14.11	856.	63.	8.
1382	0000	-893	37.3364	80.5226	OMUU	0.3 -	1.1	3.8	3.40	0.29	11.85	855.	63.	8.
1383	0000	-890	37.3359	80.5225	OMUU	0.3 -	1.3	4.0	3.76	0.31	11.96	873.	65.	7.
1384	0000	-885	37.3355	80.5224	OMUU	0.4	1.1	4.1	2.63	0.27	9.59	916.	62.	7.
1385	0000	-887	37.3351	80.5224	OMUU	0.5	1.2	4.8	2.42	0.25	9.76	952.	66.	6.
1386	0000	-893	37.3346	80.5223	OMUU	0.6	1.1	4.6	1.95	0.25	7.94	1016.	65.	6.
1387	0000	-894	37.3342	80.5222	OMUU	0.7	1.3	4.9	1.83	0.26	7.02	1107.	61.	5.
1388	0000	-893	37.3337	80.5222	OMUU	0.8	1.4	5.1	1.73	0.28	6.28	1198.	61.	5.
1389	0000	-889	37.3333	80.5222	OMUU	0.8	1.8	5.6	2.15	0.32	6.63	1269.	62.	4.
1390	0000	-886	37.3328	80.5221	OMUU	0.9	2.0	5.6	2.12	0.35	6.01	1340.	62.	4.
1391	0000	-889	37.3324	80.5220	OMUU	1.0	2.0 +	5.9	2.11	0.34	6.16	1375.	61.	3.
1392	0000	-891	37.3320	80.5219	OMUU	1.0	2.1 +	5.9	2.21	0.36	6.21	1398.	60.	2.
1393	0000	-887	37.3315	80.5219	OMUU	0.9	2.1 +	6.4	2.29	0.33	6.97	1389.	61.	1.
1394	0000	-887	37.3311	80.5219	OMUU	0.9	2.0 +	6.5	2.19	0.30	7.21	1356.	64.	2.
1395	0000	-889	37.3307	80.5218	OMUU	0.9	1.9	6.5	2.25	0.29	7.63	1336.	64.	2.
1396	0000	-889	37.3302	80.5217	OMUU	0.9	2.0	6.4	2.27	0.30	7.46	1340.	61.	2.
1397	0000	-893	37.3297	80.5217	OMUU	0.9	1.8	7.0	2.10	0.25	8.23	1335.	58.	1.
1398	0000	-897	37.3293	80.5216	OMUU	0.8	2.0	6.8	2.42	0.29	8.47	1342.	58.	2.
1399	0000	-896	37.3289	80.5215	OMUU	0.8	1.8	6.9	2.08	0.26	8.10	1369.	54.	4.
1400	0000	-895	37.3284	80.5214	OMUU	0.9	1.7	6.6	1.95	0.26	7.40	1376.	54.	5.
1401	0000	-893	37.3280	80.5214	OMUU	0.9	1.6	6.8	1.80	0.24	7.49	1400.	53.	7.
1402	0000	-892	37.3275	80.5214	OMUU	0.9	1.6	6.8	1.74	0.24	7.21	1410.	51.	9.
1403	0000	-892	37.3271	80.5213	OMUU	0.9	1.2	6.8	1.30	0.18 -	7.21	1391.	54.	11.
1404	0000	-890	37.3266	80.5212	OMUU	0.9	1.1	6.5	1.29	0.18 -	7.35	1355.	56.	13.
1405	0000	-889	37.3262	80.5212	OMUU	0.8	0.8 -	6.6	1.01 -	0.13 --	7.93	1314.	57.	15.
1406	0000	-892	37.3258	80.5211	OMUU	0.7	1.0 -	6.2	1.33	0.16 -	8.28	1255.	58.	16.
1407	0000	-892	37.3253	80.5211	OMUU	0.6	1.0 -	5.5	1.49	0.17 -	8.53	1209.	57.	17.
1408	0000	-893	37.3249	80.5211	OMUU	0.5	0.8 -	5.6	1.46	0.14 -	10.27	1145.	57.	17.
1409	0000	-893	37.3245	80.5210	OMUU	0.4	0.8 -	5.4	1.88	0.15 -	12.71 +	1083.	58.	16.
1410	0000	-889	37.3240	80.5209	OMUU	0.4	1.0	4.9	2.80	0.21	13.29 +	1044.	56.	15.
1411	0000	-887	37.3235	80.5209	OMUU	0.3 -	1.1	4.6	3.48	0.23	14.88 +	1003.	55.	14.
1412	0000	-894	37.3231	80.5208	OMUU	0.2 -	1.3	4.4	5.01 +	0.29	17.48 +	945.	55.	13.
1413	0000	-894	37.3227	80.5207	OMUU	0.2 -	1.1	4.1	5.96 +	0.28	21.27 ++	875.	55.	13.
1414	0000	-889	37.3222	80.5207	OMUU	0.2 --	1.2	4.1	7.02 ++	0.29	24.47 ++	800.	56.	11.
1415	0000	-891	37.3217	80.5206	OMUU	0.2 --	1.3	3.4 -	8.91 ++	0.40 +	22.28 ++	737.	58.	10.
1416	0000	-896	37.3214	80.5206	OMUU	0.2 --	1.3	3.0 -	8.30 ++	0.43 +	19.23 ++	695.	57.	10.
1417	0000	-897	37.3209	80.5205	OMUU	0.1 --	1.2	2.9 -	10.87 ++	0.42 +	25.89 ++	652.	58.	10.
1418	0000	-899	37.3204	80.5204	OMUU	0.2 --	1.2	2.7 -	7.58 ++	0.42 +	17.98 ++	638.	57.	9.
1419	0000	-901	37.3200	80.5204	OMUU	0.2 --	1.3	2.9 -	8.27 ++	0.44 +	18.69 ++	664.	58.	9.
1420	0000	-897	37.3196	80.5204	OMUU	0.2 -	1.5	3.0 -	7.20 ++	0.49 +	14.72 +	713.	56.	8.
1421	0000	-897	37.3191	80.5203	OKU	0.3 -	1.5	3.4 -	4.83 +	0.43 +	11.11	781.	55.	7.
1422	0000	-896	37.3186	80.5202	OKU	0.4	1.5	3.5 -	3.78	0.42	9.01	854.	52.	7.
1423	0000	-897	37.3182	80.5201	OKU	0.5	1.3	3.8	2.66	0.34	7.76	909.	54.	7.
1424	0000	-902	37.3178	80.5201	OKU	0.6	1.3	3.6	2.05	0.35	5.89	979.	54.	6.
1425	0000	-903	37.3173	80.5200	OKU	0.7	1.7	3.7	2.29	0.46 +	5.01 -	1079.	53.	5.
1426	0000	-898	37.3168	80.5200	OKU	0.9	1.8	3.7	2.04	0.49 +	4.18 -	1182.	53.	5.
1427	0000	-898	37.3165	80.5200	OKU	1.1 +	1.6	4.0	1.49	0.40	3.72 -	1264.	56.	4.
1428	0000	-898	37.3160	80.5199	OKU	1.1 +	1.9	3.9	1.68	0.49 +	3.45 -	1334.	54.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-898	37.3156	80.5198		OKU	1.3 +	2.1 +	4.4	1.61	0.47 +	3.40 -	1397.	53.	3.
1430	0000	-900	37.3152	80.5197		OKU	1.3 +	2.3 +	4.5	1.75	0.51 +	3.41 -	1458.	51.	2.
1431	0000	-900	37.3147	80.5197		OKU	1.4 +	2.4 +	4.7	1.75	0.51 +	3.42 -	1490.	53.	2.
1432	0000	-900	37.3142	80.5196		OKU	1.4 +	2.3 +	4.8	1.71	0.49 +	3.52 -	1488.	52.	2.
1433	0000	-898	37.3138	80.5196		OKU	1.4 +	2.2 +	4.7	1.56	0.47 +	3.30 -	1455.	54.	3.
1434	0000	-901	37.3134	80.5195		OKU	1.3 +	2.2 +	4.8	1.66	0.45 +	3.67 -	1407.	53.	4.
1435	0000	-905	37.3129	80.5195		OKU	1.2 +	1.9	5.1	1.62	0.37	4.35 -	1358.	56.	5.
1436	0000	-904	37.3124	80.5194		OKU	1.0 +	1.7	4.9	1.63	0.35	4.68 -	1291.	58.	7.
1437	0000	-905	37.3120	80.5193		OKU	0.9	1.5	4.8	1.69	0.32	5.28	1225.	59.	8.
1438	0000	-905	37.3116	80.5193		OKU	0.8	1.3	4.9	1.65	0.26	6.39	1162.	56.	9.
1439	0000	-900	37.3111	80.5192		OKU	0.6	0.9 -	4.9	1.45	0.18 -	7.94	1074.	56.	11.
1440	0000	-903	37.3107	80.5192		OKU	0.4	0.7 -	4.8	1.51	0.14 --	11.08	979.	57.	12.
1441	0000	-908	37.3103	80.5192		OKU	0.3 -	0.7 -	4.3	2.16	0.16 -	13.39 +	930.	55.	13.
1442	0000	-909	37.3098	80.5190		OMUU	0.3 -	0.6 -	4.0	2.16	0.15 -	14.70 +	893.	53.	15.
1443	0000	-908	37.3094	80.5190		OMUU	0.2 -	0.6 -	4.1	2.78	0.16 -	17.75 +	889.	51.	15.
1444	0000	-901	37.3089	80.5189		OMUU	0.3 -	0.7 -	4.3	2.42	0.16 -	15.09 +	911.	51.	14.
1445	0000	-898	37.3085	80.5189		OMUU	0.3 -	0.9 -	4.6	2.95	0.20	14.56 +	960.	51.	14.
1446	0000	-904	37.3080	80.5189		OMUU	0.4	1.2	5.1	3.30	0.24	13.59 +	1038.	50.	12.
1447	0000	-902	37.3076	80.5188		OMUU	0.5	1.3	5.8	2.67	0.22	11.91	1138.	48.	11.
1448	0000	-895	37.3072	80.5187		OMUU	0.5	1.4	6.7	2.63	0.21	12.28 +	1226.	51.	10.
1449	0000	-898	37.3067	80.5187		OMUU	0.7	1.5	7.3	2.06	0.20	10.15	1307.	52.	8.
1450	0000	-900	37.3062	80.5186		OMUU	0.8	1.7	7.6 +	2.11	0.22	9.66	1369.	50.	6.
1451	0000	-897	37.3058	80.5185		OMUU	0.8	1.8	7.4 +	2.20	0.25	8.85	1404.	50.	6.
1452	0000	-896	37.3054	80.5184		OMUU	1.0	1.6	7.9 +	1.66	0.21	8.04	1440.	50.	6.
1453	0000	-893	37.3049	80.5184		OMUU	1.1	1.6	7.9 +	1.42	0.20	7.15	1484.	52.	7.
1454	0000	-891	37.3045	80.5184		OMUU	1.2 +	1.6	7.7 +	1.31	0.20	6.44	1526.	51.	7.
1455	0000	-899	37.3040	80.5183		OMUU	1.3 +	1.7	7.6 +	1.34	0.23	5.88	1566.	48.	8.
1456	0000	-906	37.3036	80.5182		OMUU	1.3 +	1.9	7.6 +	1.47	0.25	5.97	1582.	51.	8.
1457	0000	-904	37.3031	80.5182		OMUU	1.3 +	1.7	7.8 +	1.35	0.22	6.06	1608.	53.	8.
1458	0000	-905	37.3027	80.5181		OMUU	1.3 +	1.6	8.3 +	1.29	0.20	6.56	1626.	52.	8.
1459	0000	-901	37.3023	80.5181		OMUU	1.2 +	1.9	8.3 +	1.59	0.23	6.93	1643.	51.	8.
1460	0000	-898	37.3018	80.5180		OMUU	1.2	1.7	8.0 +	1.51	0.22	6.97	1629.	49.	8.
1461	0000	-902	37.3014	80.5180		OMUU	1.1	2.0	7.9 +	1.86	0.25	7.52	1598.	49.	7.
1462	0000	-904	37.3010	80.5179		OMUU	1.0	1.9	7.4	1.87	0.25	7.41	1543.	50.	7.
1463	0000	-902	37.3005	80.5179		OMUU	0.9	1.9	7.1	2.01	0.27	7.47	1516.	49.	6.
1464	0000	-903	37.3000	80.5177		OMUU	0.9	2.1 +	6.8	2.31	0.31	7.39	1496.	47.	5.
1465	0000	-902	37.2996	80.5177		OMUU	1.0	2.0 +	6.7	2.03	0.30	6.87	1476.	47.	5.
1466	0000	-901	37.2992	80.5177		OMUU	1.0	1.9	6.5	1.93	0.29	6.60	1430.	50.	4.
1467	0000	-901	37.2987	80.5176		OMUU	1.0	1.9	6.8	2.00	0.29	7.01	1406.	52.	2.
1468	0000	-901	37.2983	80.5176		OMUU	1.0	1.9	6.9	1.93	0.28	6.88	1415.	53.	2.
1469	0000	-902	37.2979	80.5175		OMUU	1.1	2.0	7.3	1.86	0.27	6.92	1459.	52.	1.
1470	0000	-904	37.2974	80.5174		OMUU	1.1	2.0 +	7.5 +	1.76	0.26	6.70	1497.	52.	1.
1471	0000	-903	37.2969	80.5173		OMUU	1.2 +	1.9	7.9 +	1.64	0.24	6.79	1528.	55.	1.
1472	0000	-900	37.2965	80.5173		OMUU	1.2 +	1.9	7.8 +	1.62	0.25	6.61	1576.	53.	1.
1473	0000	-902	37.2961	80.5173		OMUU	1.3 +	2.0 +	8.1 +	1.63	0.25	6.44	1653.	51.	1.
1474	0000	-906	37.2956	80.5172		OMUU	1.3 +	2.1 +	7.6 +	1.57	0.28	5.65 -	1730.	52.	2.
1475	0000	-906	37.2952	80.5171		OMUU	1.4 +	2.0 +	8.1 +	1.42	0.25	5.64 -	1805.	51.	3.
1476	0000	-903	37.2948	80.5171		OMUU	1.5 +	1.8	8.2 +	1.19 -	0.22	5.37 -	1853.	53.	4.
1477	0000	-904	37.2943	80.5170		OMUU	1.5 +	1.8	7.8 +	1.16 -	0.23	5.08 -	1859.	54.	6.
1478	0000	-906	37.2938	80.5169		OMUU	1.5 +	1.6	7.5 +	1.05 -	0.22	4.84 -	1848.	54.	7.
1479	0000	-904	37.2934	80.5169		OMUU	1.5 +	1.7	7.5 +	1.12 -	0.23	4.93 -	1835.	56.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-900	37.2930	80.5169	OMUU	1.5 +	1.5	7.1	0.96 -	0.21	4.63 -	1801.	61.	8.
1481	0000	-900	37.2925	80.5168	OMUU	1.5 +	1.5	7.3	1.03 -	0.21	4.93 -	1786.	59.	7.
1482	0000	-902	37.2921	80.5167	OMUU	1.4 +	1.3	7.1	0.92 -	0.18 -	5.06 -	1710.	60.	7.
1483	0000	-907	37.2917	80.5166	OMUU	1.3 +	1.5	6.8	1.15 -	0.22	5.28 -	1620.	57.	6.
1484	0000	-909	37.2912	80.5166	OMUU	1.2 +	1.5	6.7	1.26 -	0.23	5.55 -	1559.	55.	4.
1485	0000	-903	37.2907	80.5166	OMUU	1.1	1.7	6.2	1.50	0.27	5.61 -	1498.	51.	3.
1486	0000	-902	37.2903	80.5165	OMUU	1.0	1.6	5.8	1.55	0.27	5.71 -	1420.	53.	3.
1487	0000	-905	37.2899	80.5165	OMUU	0.9	1.8	5.8	2.04	0.31	6.51	1358.	51.	2.
1488	0000	-904	37.2894	80.5164	OMUU	0.7	1.8	5.2	2.42	0.35	6.99	1257.	52.	2.
1489	0000	-899	37.2889	80.5163	OMUU	0.6	2.0 +	4.8	3.29	0.43 +	7.69	1186.	53.	2.
1490	0000	-902	37.2885	80.5163	OMUU	0.6	2.0 +	4.6	3.51	0.42 +	8.27	1152.	55.	2.
1491	0000	-906	37.2881	80.5162	OMUU	0.5	2.0 +	4.6	4.01 +	0.43 +	9.38	1113.	56.	2.
1492	0000	-905	37.2876	80.5162	OMUU	0.4	1.9	4.8	4.47 +	0.40 +	11.19	1079.	59.	2.
1493	0000	-900	37.2872	80.5161	OMUU	0.4	1.9	4.8	4.68 +	0.39 +	12.12	1044.	60.	3.
1494	0000	-898	37.2868	80.5161	OMUU	0.3	1.8	4.8	5.15 +	0.36	14.15 +	1003.	59.	4.
1495	0000	-902	37.2863	80.5160	OMUU	0.3 -	1.7	4.8	5.53 +	0.36	15.29 +	968.	60.	4.
1496	0000	-902	37.2859	80.5159	CHK-1	0.3 -	1.8	4.7	6.52 +	0.38	16.96 ++	951.	59.	4.
1497	0000	-900	37.2855	80.5158	CHK-1	0.2 --	1.8	4.5	7.59 ++	0.39	19.25 ++	920.	58.	4.
1498	0000	-904	37.2850	80.5158	CHK-1	0.2 --	1.7	4.3 -	7.36 +	0.40	18.30 ++	888.	58.	4.
1499	0000	-904	37.2845	80.5158	CHK-1	0.3 --	1.7	3.8 -	6.60 +	0.45	14.84 +	877.	60.	5.
1500	0000	-904	37.2841	80.5157	CHK-1	0.2 --	1.9	3.6 -	8.82 ++	0.53 +	16.58 ++	893.	59.	5.
1501	0000	-910	37.2837	80.5157	CHK-1	0.3 -	2.0	3.2 --	7.49 +	0.62 ++	11.99 +	910.	61.	5.
1502	0000	-910	37.2832	80.5155	CHK-1	0.4 -	2.1	3.7 -	5.85 +	0.56 +	10.38 +	978.	56.	5.
1503	0000	-905	37.2827	80.5155	CHK-1	0.5	1.9	4.3	3.91	0.44	8.90	1049.	56.	5.
1504	0000	-900	37.2823	80.5155	CHK-1	0.6	1.9	4.5	3.40	0.43	7.85	1110.	56.	5.
1505	0000	-902	37.2819	80.5155	CHK-1	0.7	2.0	4.5	3.00	0.45	6.70	1181.	55.	5.
1506	0000	-907	37.2816	80.5155	CHK-1	0.8	2.1	4.8	2.70	0.43	6.21	1236.	51.	4.
1507	0000	-903	37.2811	80.5155	CHK-1	0.8	2.0	4.7	2.32	0.42	5.56	1250.	50.	4.
1508	0000	-903	37.2807	80.5155	CHK-1	0.8	1.8	4.8	2.12	0.37	5.67	1219.	47.	3.
1509	0000	-908	37.2803	80.5155	CHK-1	0.7	1.7	4.1 -	2.34	0.42	5.51	1129.	50.	3.
1510	0000	-909	37.2799	80.5155	CHK-1	0.6	1.7	3.4 --	2.75	0.51 +	5.42	1032.	48.	3.
1511	0000	-907	37.2795	80.5155	CHK-1	0.5	1.7	3.1 --	3.30	0.54 +	6.06	946.	49.	2.
1512	0000	-903	37.2791	80.5155	CHK-1	0.4 -	1.7	2.9 --	4.33 +	0.58 +	7.45	855.	52.	2.
1513	0000	-905	37.2788	80.5155	CHK-1	0.3 -	1.7	2.7 ---	5.66 +	0.61 ++	9.25	764.	54.	2.
1514	0000	-908	37.2784	80.5156	CHK-1	0.2 --	1.7	2.5 ---	8.11 ++	0.68 ++	11.89 +	716.	55.	2.
1515	0000	-904	37.2780	80.5156	CN	0.2 --	1.7	2.5 -	9.70 ++	0.67 ++	14.52 +	693.	58.	3.
1516	0000	-903	37.2776	80.5156	CN	0.2 --	1.5 -	2.7 -	8.20 +	0.58 +	14.15 +	704.	57.	3.
1517	0000	-908	37.2772	80.5156	CN	0.2 -	1.6 -	2.9 -	7.57 +	0.54 +	14.06 +	724.	58.	4.
1518	0000	-909	37.2768	80.5156	CN	0.2 -	1.5 -	3.0 -	6.03 +	0.49 +	12.21 +	751.	59.	4.
1519	0000	-908	37.2764	80.5156	CN	0.3 -	1.5 -	3.6 -	5.15 +	0.41	12.54 +	797.	58.	4.
1520	0000	-905	37.2760	80.5156	CN	0.3 -	1.6 -	4.0	4.49 +	0.39	11.62 +	879.	58.	5.
1521	0000	-906	37.2756	80.5156	CCR-1	0.4 -	1.6	4.3	4.32 +	0.39	11.20 +	943.	58.	5.
1522	0000	-910	37.2752	80.5156	CCR-1	0.4	1.8	4.3	4.04	0.42	9.67	1013.	57.	5.
1523	0000	-907	37.2748	80.5156	CCR-1	0.4	1.9	4.5	4.19	0.42	10.04	1055.	59.	5.
1524	0000	-905	37.2744	80.5157	CCR-1	0.5	1.9	4.5	3.68	0.42	8.77	1105.	61.	5.
1525	0000	-904	37.2740	80.5157	CCR-1	0.6	1.8	4.7	3.22	0.39	8.30	1142.	59.	6.
1526	0000	-904	37.2736	80.5157	CCR-1	0.6	1.8	4.9	2.83	0.36	7.92	1185.	59.	6.
1527	0000	-909	37.2732	80.5157	OKU	0.6	1.7	4.9	2.59	0.34	7.69	1200.	60.	8.
1528	0000	-909	37.2728	80.5157	OKU	0.7	1.3	5.2	1.81	0.25	7.20	1223.	59.	9.
1529	0000	-906	37.2724	80.5157	OKU	0.7	1.3	5.4	1.73	0.24	7.26	1221.	60.	10.
1530	0000	-907	37.2721	80.5157	OKU	0.8	1.1	5.3	1.26 -	0.20 -	6.28	1221.	59.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-907	37.2717	80.5157	OKU	0.8	0.9 -	5.0	1.11 -	0.19 -	5.92	1186.	57.	10.
1532	0000	-905	37.2713	80.5157	OKU	0.8	1.0 -	4.7	1.20 -	0.20 -	5.89	1131.	58.	10.
1533	0000	-906	37.2709	80.5158	OKU	0.7	1.0 -	3.9	1.36 -	0.25	5.36	1052.	59.	9.
1534	0000	-908	37.2705	80.5158	OMUU	0.6	1.0 -	3.5 -	1.51	0.28	5.50 -	953.	59.	7.
1535	0000	-907	37.2701	80.5158	OMUU	0.5	1.0 -	3.1 -	1.75	0.31	5.64 -	846.	59.	6.
1536	0000	-906	37.2697	80.5158	OMUU	0.5	0.9 -	2.8 -	1.98	0.32	6.11	759.	57.	5.
1537	0000	-911	37.2693	80.5158	OMUU	0.4	1.0 -	2.6 -	2.71	0.37	7.35	685.	57.	5.
1538	0000	-908	37.2689	80.5158	OMUU	0.3 -	0.9 -	2.6 -	3.46	0.36	9.54	629.	60.	5.
1539	0000	-902	37.2685	80.5158	OMUU	0.2 -	0.8 -	2.7 -	3.49	0.32	11.06	599.	58.	6.
1540	0000	-903	37.2681	80.5158	OMUU	0.2 -	0.5 -	2.7 -	2.14	0.19	11.03	572.	59.	8.
1541	0000	-902	37.2677	80.5158	OMUU	0.3 -	0.4 --	2.8 -	1.55	0.16 -	9.66	575.	57.	9.
1542	0000	-902	37.2673	80.5158	OMUU	0.3 -	0.5 --	2.7 -	1.89	0.18 -	10.66	587.	57.	10.
1543	0010	-904	37.2669	80.5159	OMUU	0.3 -	0.3 N.A.	2.7 -	1.16 N.A.	0.12 N.A.	9.39	604.	57.	11.
1544	0010	-899	37.2665	80.5159	OMUU	0.3 -	0.2 N.A.	2.7 -	0.58 N.A.	0.06 N.A.	10.08	614.	56.	12.
1545	0010	-899	37.2661	80.5159	OMUU	0.3 -	0.3 N.A.	2.8 -	1.18 N.A.	0.11 N.A.	10.58	632.	55.	12.
1546	0000	-903	37.2657	80.5159	OMUU	0.3 -	0.4 --	2.7 -	1.65	0.16 -	10.30	643.	56.	11.
1547	0000	-902	37.2654	80.5159	OMUU	0.2 -	0.6 -	2.7 -	2.51	0.21	12.00	654.	56.	10.
1548	0000	-903	37.2650	80.5159	OMUU	0.2 -	0.6 -	2.7 -	2.80	0.20	13.74 +	652.	57.	10.
1549	0000	-903	37.2646	80.5159	OMUU	0.2 -	0.6 -	2.8 -	2.84	0.21	13.42 +	658.	59.	10.
1550	0000	-904	37.2642	80.5159	OMUU	0.2 --	0.7 -	2.7 -	4.55 +	0.26	17.59 +	655.	59.	11.
1551	0000	-906	37.2638	80.5159	OMUU	0.2 --	0.8 -	2.7 -	4.54 +	0.28	15.99 +	656.	60.	12.
1552	0000	-906	37.2634	80.5159	OMUU	0.2 -	0.6 -	2.7 -	3.33	0.24	13.92 +	676.	59.	13.
1553	0000	-904	37.2629	80.5160	OMUU	0.2 -	0.5 --	2.9 -	2.03	0.17 -	11.77	714.	55.	15.
1554	0000	-904	37.2625	80.5160	OMUU	0.3 -	0.5 -	2.9 -	1.97	0.18 -	10.68	736.	53.	16.
1555	0000	-903	37.2622	80.5160	OMUU	0.3 -	0.6 -	2.9 -	1.95	0.20	9.58	763.	53.	16.
1556	0000	-903	37.2618	80.5160	STC-1	0.3	0.6 -	3.0	1.85 -	0.20 -	9.47	778.	52.	17.
1557	0000	-907	37.2614	80.5160	STC-1	0.3 +	0.7 -	3.4	2.09 -	0.20 -	10.44	799.	50.	17.
1558	0000	-907	37.2610	80.5160	STC-1	0.3 +	1.0	3.6 +	2.94	0.28	10.61	854.	48.	15.
1559	0000	-906	37.2606	80.5160	STC-1	0.4 +	1.1	3.7 +	2.79	0.29	9.71	898.	49.	14.
1560	0000	-906	37.2602	80.5160	STC-2	0.4	1.3	4.2 -	3.22	0.32	10.05	948.	51.	12.
1561	0000	-905	37.2598	80.5160	STC-2	0.5	1.4	4.6	3.12	0.31	9.94	1030.	50.	11.
1562	0000	-903	37.2594	80.5161	STC-2	0.5	1.6	5.3	3.10	0.30	10.29	1117.	51.	10.
1563	0000	-904	37.2590	80.5161	STC-2	0.6	1.8	5.6	2.99	0.32	9.43	1202.	49.	9.
1564	0000	-906	37.2587	80.5161	STC-2	0.7	2.1 +	5.5	3.06	0.37 +	8.25	1291.	49.	9.
1565	0000	-907	37.2582	80.5161	STC-2	0.7	2.0	5.8	2.70	0.33	8.08	1326.	50.	9.
1566	0000	-904	37.2578	80.5161	STC-2	0.7	2.1 +	6.0	2.87	0.34	8.32	1341.	51.	9.
1567	0000	-902	37.2574	80.5161	STC-2	0.7	1.9	6.0	2.70	0.32	8.47	1373.	50.	10.
1568	0000	-902	37.2570	80.5161	DLMU-1	0.7	1.9	6.3 +	2.58	0.29	8.74	1407.	51.	11.
1569	0000	-902	37.2566	80.5161	DLMU-1	0.8	1.8	6.3 +	2.36	0.28	8.41	1436.	48.	12.
1570	0000	-901	37.2562	80.5161	DLMU-1	0.8 +	1.6	6.9 ++	1.86	0.22 -	8.27	1476.	51.	12.
1571	0000	-900	37.2558	80.5161	DLMU-2	0.9 -	1.3 --	7.3 -	1.43	0.18 -	8.10	1506.	53.	12.
1572	0000	-900	37.2555	80.5162	DLMU-2	1.0 -	1.4 -	7.8	1.46	0.18 -	8.15 +	1557.	54.	12.
1573	0000	-903	37.2551	80.5162	DLMU-2	1.0 -	1.6 -	8.0	1.51	0.19 -	7.80	1621.	55.	11.
1574	0000	-904	37.2547	80.5162	DLMU-2	1.0	1.7 -	8.0	1.58	0.21	7.61	1630.	56.	10.
1575	0000	-903	37.2543	80.5162	DLMU-2	1.0 -	1.8	7.9	1.76	0.23	7.64	1624.	57.	9.
1576	0000	-906	37.2539	80.5162	DLMU-2	1.0 -	2.0	8.1	1.97	0.25	7.89	1637.	58.	8.
1577	0000	-906	37.2535	80.5162	DLMU-2	1.0 -	2.0	8.5	1.94	0.23	8.31 +	1644.	57.	7.
1578	0000	-901	37.2531	80.5162	DLMU-2	1.0 -	2.0	8.6	1.98	0.23	8.64 +	1656.	58.	7.
1579	0000	-900	37.2527	80.5162	DLMU-2	1.0 -	2.1	8.4	2.17	0.25	8.65 +	1667.	56.	6.
1580	0000	-905	37.2523	80.5162	DLMU-2	1.0 -	2.1	8.5	2.19	0.25	8.86 +	1700.	55.	6.
1581	0000	-904	37.2519	80.5162	DLMU-2	1.0 -	2.0	9.0	1.99	0.23	8.72 +	1735.	55.	5.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-900	37.2515	80.5163	DLMU-2	1.1	1.9	9.2	1.72	0.21	8.31 +	1778.	54.	6.
1583	0000	-906	37.2511	80.5163	DLMU-2	1.1	2.0	9.3 +	1.81	0.22	8.22 +	1794.	54.	6.
1584	0000	-909	37.2507	80.5163	DLMU-2	1.1	2.1	9.1	1.92	0.23	8.40 +	1783.	55.	7.
1585	0000	-905	37.2503	80.5163	DLMU-2	1.0 -	2.2	8.6	2.21	0.26	8.45 +	1756.	54.	8.
1586	0000	-907	37.2499	80.5163	DLMU-2	1.0 -	1.9	8.6	1.88	0.22	8.49 +	1714.	54.	9.
1587	0000	-905	37.2495	80.5163	DLMU-2	1.0 -	1.8	8.6	1.88	0.21	9.07 +	1641.	55.	9.
1588	0000	-901	37.2491	80.5163	DLMU-2	0.8 -	2.0	8.1	2.42 +	0.25	9.60 +	1580.	55.	9.
1589	0000	-904	37.2488	80.5163	DLMU-2	0.7 --	2.3	7.6	3.25 ++	0.30	10.82 ++	1482.	56.	7.
1590	0000	-900	37.2484	80.5163	DLMU-1	0.6	2.0 +	6.7 +	3.54	0.30	11.62	1365.	57.	7.
1591	0000	-898	37.2480	80.5164	DLMU-1	0.5	2.2 +	5.8 +	4.49	0.38	11.92	1267.	54.	5.
1592	0000	-902	37.2476	80.5164	DLMU-1	0.5	2.0 +	5.5	4.16	0.37	11.32	1173.	53.	4.
1593	0000	-898	37.2472	80.5164	DB-2	0.4 -	2.0	5.0 --	4.81 ++	0.41 +	11.77 +	1089.	55.	4.
1594	0000	-897	37.2468	80.5164	DB-2	0.4 --	2.0	4.7 --	5.62 ++	0.43 +	12.96 ++	1022.	55.	3.
1595	0000	-902	37.2464	80.5164	DB-2	0.3 --	1.7	4.5 --	5.04 ++	0.38 +	13.16 ++	972.	55.	3.
1596	0000	-904	37.2460	80.5164	DB-2	0.3 --	1.7	4.6 --	5.26 ++	0.36 +	14.48 ++	955.	56.	4.
1597	0000	-906	37.2456	80.5164	DB-2	0.4 --	1.7	5.1 --	4.72 ++	0.33	14.47 ++	981.	56.	6.
1598	0000	-904	37.2452	80.5164	DB-2	0.4 --	1.6 -	5.5 -	3.85 +	0.29	13.50 ++	1023.	58.	7.
1599	0000	-901	37.2448	80.5164	DB-2	0.4 --	1.5 -	5.9 -	3.87 +	0.26	14.94 ++	1067.	60.	8.
1600	0000	-902	37.2444	80.5164	DB-2	0.4 --	1.6	6.0 -	4.39 ++	0.27	16.05 ++	1112.	58.	8.
1601	0000	-906	37.2440	80.5165	DB-2	0.4 --	1.6	5.9 -	4.05 ++	0.28	14.47 ++	1137.	58.	10.
1602	0000	-904	37.2436	80.5165	DB-2	0.4 --	1.7	6.2 -	4.02 ++	0.27	15.09 ++	1153.	59.	10.
1603	0000	-896	37.2432	80.5165	DB-2	0.5 -	1.5 -	6.1 -	3.11 +	0.24	12.80 ++	1169.	61.	11.
1604	0000	-899	37.2428	80.5165	DB-2	0.5 -	1.6 -	6.3 -	3.48 +	0.25	13.81 ++	1220.	60.	10.
1605	0000	-906	37.2424	80.5165	DB-2	0.4 -	1.7	7.0	3.95 ++	0.24	16.47 ++	1284.	61.	9.
1606	0000	-901	37.2421	80.5165	DB-2	0.5 -	2.0	7.8	4.31 ++	0.25	16.98 +++	1380.	61.	8.
1607	0000	-898	37.2417	80.5165	DB-2	0.5 -	2.3	8.4	5.01 ++	0.27	18.66 +++	1445.	61.	6.
1608	0000	-900	37.2412	80.5165	DB-2	0.5 -	2.3	8.7	4.71 ++	0.26	18.23 +++	1498.	60.	6.
1609	0000	-899	37.2409	80.5165	DB-2	0.5 -	2.6	8.6	5.32 ++	0.30	17.77 +++	1533.	59.	5.
1610	0000	-897	37.2404	80.5165	DB-2	0.5 -	2.7 +	9.1	5.61 ++	0.30	18.66 +++	1564.	54.	4.
1611	0000	-896	37.2401	80.5166	DB-2	0.5 -	2.6	8.8	5.18 ++	0.30	17.48 +++	1517.	56.	4.
1612	0000	-899	37.2397	80.5166	DB-2	0.5 -	2.7	8.0	5.25 ++	0.33	15.75 ++	1434.	54.	5.
1613	0000	-901	37.2392	80.5166	DB-2	0.5 -	2.4	7.0	5.01 ++	0.35 +	14.30 ++	1319.	53.	6.
1614	0000	-901	37.2389	80.5166	DB-2	0.5 -	2.0	6.7	3.82 +	0.30	12.60 +	1252.	55.	7.
1615	0000	-902	37.2385	80.5166	DB-2	0.6 -	2.0	6.6 -	3.54 +	0.30	12.00 +	1228.	54.	8.
1616	0000	-902	37.2381	80.5166	DB-2	0.6 -	1.8	6.7	2.96 +	0.27	11.14 +	1228.	55.	9.
1617	0000	-899	37.2377	80.5166	DB-2	0.6 -	1.7	6.6 -	2.67	0.26	10.38 +	1248.	58.	10.
1618	0000	-898	37.2373	80.5166	DB-2	0.7 -	1.7	6.6 -	2.56	0.26	9.87 +	1284.	56.	11.
1619	0000	-901	37.2369	80.5166	DCH	0.7	2.0	6.9	2.88	0.29	9.93	1344.	54.	10.
1620	0000	-899	37.2365	80.5166	DCH	0.7	2.0	7.4	2.81	0.27	10.36	1407.	54.	10.
1621	0000	-900	37.2361	80.5166	DCH	0.7	2.1	7.4	2.92	0.29	10.22	1440.	55.	9.
1622	0000	-906	37.2357	80.5166	DCH	0.8	2.3	7.4	3.00	0.31	9.60	1495.	56.	8.
1623	0000	-903	37.2354	80.5166	DCH	0.7	2.5	7.4	3.34	0.33 +	10.07	1514.	54.	7.
1624	0000	-899	37.2349	80.5167	DCH	0.7	2.5	7.5	3.38 +	0.33 +	10.14	1510.	54.	5.
1625	0000	-900	37.2345	80.5167	DCH	0.7	2.7	7.3	3.57 +	0.36 +	9.82	1527.	54.	3.
1626	0000	-901	37.2341	80.5167	DCH	0.8	2.5	7.0	3.07	0.35 +	8.75	1521.	57.	2.
1627	0000	-902	37.2337	80.5167	DCH	0.9	2.7	6.9	3.16	0.39 +	8.10	1527.	59.	2.
1628	0000	-902	37.2333	80.5167	DCH	0.9	2.7 +	6.6	3.04	0.41 +	7.38	1552.	56.	2.
1629	0000	-897	37.2329	80.5167	DCH	0.9	2.5	6.7	2.84	0.37 +	7.58	1528.	54.	3.
1630	0000	-897	37.2325	80.5167	DCH	1.0	2.3	6.9	2.32	0.33 +	7.05	1548.	52.	4.
1631	0000	-903	37.2322	80.5167	DCH	1.1	2.3	7.3	2.16	0.32	6.79	1602.	48.	6.
1632	0000	-901	37.2318	80.5167	DCH	1.1	2.1	7.5	1.91	0.28	6.74	1638.	47.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295 PAGE 1042

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS	COS CPS	UAIR CPS
1633	0000	-899	37.2314	80.5167	MPR-1	1.2	2.0	7.4	1.73	0.28	6.27	[illegible]	45.	10.
1634	0000	-903	37.2310	80.5167	MPR-1	1.3	2.0	7.4	1.60	0.27	5.84	1742.	44.	12.
1635	0000	-904	37.2306	80.5167	MPR-1	1.4 +	2.0	7.4	1.42	0.28	5.16	1826.	44.	13.
1636	0000	-905	37.2302	80.5167	MPR-1	1.5 +	2.4	7.1	1.55	0.33	4.65 -	1908.	46.	14.
1637	0000	-905	37.2298	80.5167	MPR-1	1.6 +	2.7	6.7	1.66	0.40 +	4.15 -	1979.	48.	14.
1638	0000	-901	37.2294	80.5167	MPR-1	1.8 +	2.5	6.1	1.41	0.41 +	3.48 -	2034.	50.	15.
1639	0000	-898	37.2290	80.5168	MPR-1	2.0 +	2.3	6.0	1.11 -	0.38 +	2.95 --	2101.	52.	14.
1640	0000	-896	37.2285	80.5168	MPR-1	2.3 ++	2.1	6.2	0.90 -	0.34	2.69 --	2194.	56.	14.
1641	0000	-898	37.2280	80.5167	MPR-2	2.6 -	1.9	5.8	0.74	0.33	2.25	2289.	56.	15.
1642	0000	-901	37.2276	80.5167	MPR-2	2.7	2.0	5.9	0.72	0.34	2.15	2348.	56.	14.
1643	0000	-898	37.2271	80.5166	MPR-2	2.9	1.7	5.8	0.59	0.30	1.98	2408.	56.	14.
1644	0000	-897	37.2266	80.5166	MPR-2	3.1	1.4 -	5.8	0.46 -	0.24 -	1.88	2462.	54.	13.
1645	0000	-902	37.2262	80.5166	MPR-2	3.2 +	1.8	5.7	0.54 -	0.31	1.77 -	2516.	55.	11.
1646	0000	-904	37.2257	80.5166	MPR-2	3.3 +	1.9	5.6	0.58	0.35	1.67 -	2571.	55.	9.
1647	0000	-904	37.2252	80.5165	MPR-2	3.4 +	2.3	5.7	0.66	0.39	1.66 -	2626.	50.	7.
1648	0000	-900	37.2247	80.5165	MPR-2	3.4 +	2.3	6.6	0.67	0.35	1.92	2653.	49.	5.
1649	0000	-898	37.2243	80.5165	MPR-2	3.4 +	2.2	6.6	0.64	0.33	1.92	2650.	49.	5.
1650	0000	-898	37.2238	80.5165	MPR-2	3.4 +	2.0	6.8	0.60	0.30	2.01	2636.	50.	5.
1651	0000	-902	37.2234	80:5164	MPR-2	3.4 +	2.0	6.8	0.58	0.29	2.01	2634.	51.	6.
1652	0000	-902	37.2228	80.5164	MPR-2	3.3 +	1.7	6.8	0.52 -	0.25 -	2.05	2615.	50.	7.
1653	0000	-900	37.2224	80.5163	MPR-2	3.2 +	1.7	6.8	0.54 -	0.25 -	2.13	2602.	48.	9.
1654	0000	-902	37.2219	80.5163	MPR-2	3.2	1.4 -	6.5	0.44 -	0.21 -	2.05	2564.	49.	11.
1655	0000	-903	37.2214	80.5163	MPR-2	3.1	1.3 --	5.8	0.42 --	0.22 -	1.91	2512.	51.	13.
1656	0000	-901	37.2210	80.5163	CR-2	3.1 -	1.3 -	5.9 -	0.41	0.22 -	1.91	2522.	52.	16.
1657	0000	-905	37.2205	80.5162	CR-2	3.2 -	1.4 -	5.9 -	0.43	0.23	1.82	2572.	52.	17.
1658	0000	-902	37.2200	80.5162	CR-2	3.3 -	1.4 -	6.2 -	0.42	0.22	1.88	2596.	53.	17.
1659	0000	-899	37.2195	80.5161	CR-2	3.4 -	1.4 -	6.1 -	0.41 -	0.23	1.78	2646.	52.	18.
1660	0000	-904	37.2191	80.5162	CR-2	3.5	1.4 -	6.1 -	0.40 -	0.23	1.75	2679.	56.	18.
1661	0000	-906	37.2186	80.5161	CR-2	3.5	1.6 -	6.4 -	0.44	0.25	1.80	2722.	56.	17.
1662	0000	-905	37.2181	80.5161	CR-2	3.7	1.6 -	6.4 -	0.45	0.26	1.73	2775.	54.	16.
1663	0000	-905	37.2177	80.5160	CR-2	3.7	1.6 -	6.2 -	0.44	0.26	1.70	2787.	53.	15.
1664	0000	-902	37.2172	80.5160	CR-2	3.7	1.5 -	6.3 -	0.40 -	0.23	1.69	2779.	54.	14.
1665	0000	-904	37.2167	80.5159	CR-2	3.7	1.6 -	5.9 -	0.43	0.27	1.59 -	2774.	53.	13.
1666	0000	-906	37.2162	80.5159	CR-2	3.7	1.6 -	6.1 -	0.44	0.27	1.63 -	2765.	54.	11.
1667	0000	-905	37.2158	80.5159	CR-2	3.7	1.6 -	6.1 -	0.44	0.27	1.64 -	2747.	51.	9.
1668	0000	-905	37.2153	80.5159	CR-2	3.7	1.7	6.2 -	0.47	0.28	1.68	2747.	50.	9.
1669	0000	-907	37.2148	80.5158	CR-2	3.7	1.6 -	6.5 -	0.44	0.25	1.76	2735.	50.	9.
1670	0000	-906	37.2143	80.5158	CR-2	3.7	1.8	6.4 -	0.49	0.28	1.74	2725.	50.	8.
1671	0000	-903	37.2139	80.5157	CR-2	3.6	1.9	6.3 -	0.53	0.30	1.75	2723.	49.	8.
1672	0000	-905	37.2134	80.5157	CR-2	3.6	2.0	6.6 -	0.55	0.30	1.83	2718.	50.	8.
1673	0000	-909	37.2129	80.5157	CR-2	3.5	2.0	6.8	0.58	0.30	1.92	2683.	50.	9.
1674	0000	-908	37.2124	80.5157	CR-2	3.5	1.9	6.7 -	0.55	0.28	1.93	2672.	51.	10.
1675	0000	-903	37.2120	80.5156	CR-2	3.4	1.9	6.5 -	0.54	0.29	1.89	2651.	52.	11.
1676	0000	-903	37.2115	80.5156	CR-2	3.3 -	1.7	6.1 -	0.51	0.28	1.82	2591.	52.	12.
1677	0000	-905	37.2110	80.5155	CR-2	3.3 -	1.5 -	6.1 -	0.45	0.24	1.87	2535.	55.	13.
1678	0000	-905	37.2105	80.5155	CR-2	3.2 -	1.5 -	6.1 -	0.48	0.25	1.93	2473.	54.	13.
1679	0000	-907	37.2101	80.5154	CR-2	3.1 -	1.3 -	6.0 -	0.43	0.22	1.93	2428.	52.	13.
1680	0000	-908	37.2096	80.5155	CR-2	3.0 -	1.2 -	5.6 -	0.42	0.22	1.89	2363.	50.	13.
1681	0000	-910	37.2092	80.5154	CR-2	2.9 -	1.4 -	5.2 --	0.50 -	0.28	1.81	2285.	49.	12.
1682	0000	-913	37.2087	80.5153	CR-2	2.7 -	1.4 -	5.2 --	0.53	0.27	1.93	2178.	48.	12.
1683	0000	-909	37.2082	80.5153	CR-2	2.6 --	1.5 -	5.0 --	0.59	0.31	1.91	2124.	48.	11.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVE, 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-906	37.2077	80.5153	CR-2	2.5 --	1.5 -	5.1 --	0.61	0.30	2.02	2066.	46.	10.
1685	0000	-909	37.2073	80.5153	CR-1	2.4 ++	1.4 -	4.9 -	0.58 -	0.29	2.02 --	1982.	49.	11.
1686	0000	-909	37.2068	80.5152	CR-1	2.3 +	1.7	4.5 -	0.74 -	0.38	1.97 --	1934.	51.	11.
1687	0000	-908	37.2063	80.5152	CR-1	2.3 +	1.6	4.2 -	0.68 -	0.37	1.82 --	1932.	52.	12.
1688	0000	-910	37.2058	80.5151	CR-1	2.3 +	1.6	4.3 -	0.71 -	0.38	1.89 --	1920.	52.	13.
1689	0000	-911	37.2054	80.5151	CR-1	2.3 +	1.5	4.0 -	0.66 -	0.37	1.77 --	1909.	53.	13.
1690	0000	-911	37.2049	80.5150	CR-1	2.3 +	1.5 -	4.2 -	0.64 -	0.35	1.85 --	1895.	54.	13.
1691	0000	-910	37.2044	80.5150	CR-1	2.2 +	1.5 -	3.9 -	0.67 -	0.38	1.76 --	1893.	53.	13.
1692	0000	-909	37.2039	80.5150	(WATER)	2.2	1.5	3.8	0.68	0.39	1.72	1902.	51.	13.
1693	0000	-910	37.2035	80.5150	(WATER)	2.2	1.3	3.8	0.59	0.34	1.74	1865.	51.	12.
1694	0000	-913	37.2030	80.5149	(WATER)	2.0	1.5	3.8	0.73	0.39	1.86	1824.	50.	12.
1695	0000	-911	37.2025	80.5149	(WATER)	2.0	1.4	3.9	0.72	0.36	2.01	1792.	50.	12.
1696	0000	-910	37.2020	80.5149	(WATER)	1.9	1.5	4.1	0.80	0.37	2.14	1789.	50.	13.
1697	0000	-912	37.2016	80.5149	(WATER)	1.8	1.7	3.9	0.93	0.44	2.12	1786.	48.	14.
1698	0000	-912	37.2011	80.5148	CR-1	1.8	1.9	3.9 -	1.06	0.48 +	2.20 --	1794.	49.	15.
1699	0000	-911	37.2007	80.5148	CR-1	1.8	1.9	4.2 -	1.05	0.45 +	2.31 -	1819.	49.	16.
1700	0000	-913	37.2001	80.5147	CR-1	1.9 +	1.9	4.6 -	0.99	0.41	2.39 -	1875.	49.	17.
1701	0000	-913	37.1997	80.5147	CR-1	2.0 +	1.7	4.6 -	0.84 -	0.37	2.27 -	1900.	50.	18.
1702	0000	-913	37.1992	80.5147	CR-1	2.0 +	1.7	4.6 -	0.83 -	0.37	2.27 -	1931.	51.	18.
1703	0000	-913	37.1988	80.5147	CR-1	2.0 +	1.8	4.9	0.90 -	0.37	2.44 -	1949.	51.	17.
1704	0000	-915	37.1982	80.5146	CR-1	2.0 +	1.9	5.6	0.95	0.34	2.77 -	1975.	51.	16.
1705	0000	-916	37.1978	80.5146	CR-1	2.0 +	2.0	5.9	0.95	0.33	2.86 -	1986.	50.	15.
1706	0000	-917	37.1973	80.5146	CR-1	2.0 +	2.1	5.8	1.07	0.37	2.93 -	1970.	50.	13.
1707	0000	-919	37.1969	80.5146	CR-1	1.8	2.4	5.7	1.31	0.42 +	3.12 -	1920.	49.	11.
1708	0000	-923	37.1964	80.5145	CR-1	1.7	2.5 +	6.1	1.47	0.42 +	3.54	1881.	50.	8.
1709	0000	-926	37.1959	80.5145	CR-1	1.6	2.6 +	5.9	1.61	0.44 +	3.63	1832.	47.	7.
1710	0000	-931	37.1954	80.5144	CR-1	1.5	2.4 +	5.6	1.60	0.44 +	3.67	1771.	48.	7.
1711	0000	-924	37.1950	80.5144	(WATER)	1.5	2.4	5.5	1.56	0.43	3.63	1730.	48.	7.
1712	0000	-907	37.1945	80.5144	(WATER)	1.5	2.4	5.1	1.59	0.46	3.44	1702.	49.	7.
1713	0000	-901	37.1940	80.5144	(WATER)	1.4	2.3	5.2	1.61	0.44	3.66	1696.	50.	7.
1714	0000	-905	37.1935	80.5143	(WATER)	1.5	2.2	5.3	1.54	0.43	3.62	1729.	51.	8.
1715	0000	-904	37.1931	80.5143	(WATER)	1.5	2.1	5.8	1.41	0.37	3.84	1780.	48.	9.
1716	0000	-905	37.1926	80.5142	(WATER)	1.6	2.2	6.4	1.38	0.34	4.03	1845.	49.	10.
1717	0000	-905	37.1921	80.5142	(WATER)	1.6	2.2	6.5	1.31	0.33	3.98	1918.	49.	11.
1718	0000	-907	37.1916	80.5141	CR-1	1.7	2.1	6.7	1.29	0.32	4.01	1982.	50.	12.
1719	0000	-912	37.1912	80.5141	CR-1	1.7	2.2	7.3	1.26	0.30	4.23	2033.	50.	13.
1720	0000	-916	37.1907	80.5141	CR-1	1.8	2.2	7.1	1.23	0.31	3.96	2063.	49.	13.
1721	0000	-917	37.1903	80.5141	CR-1	1.8	2.2	7.2	1.26	0.31	4.05	2068.	49.	13.
1722	0000	-918	37.1897	80.5140	CR-1	1.8	2.5 +	6.8	1.43	0.37	3.85	2065.	51.	12.
1723	0000	-917	37.1892	80.5140	CR-1	1.8	2.6 +	6.5	1.43	0.40	3.59	2074.	49.	11.
1724	0000	-918	37.1887	80.5140	CR-1	1.8	2.9 ++	6.6	1.61	0.44 +	3.68	2039.	48.	10.
1725	0000	-918	37.1882	80.5140	CR-1	1.7	2.8 +	6.3	1.62	0.44 +	3.69	1968.	48.	9.
1726	0000	-915	37.1877	80.5140	CR-1	1.6	2.7 +	6.0	1.63	0.44 +	3.72	1926.	48.	9.
1727	0000	-919	37.1872	80.5140	CR-1	1.6	2.9 ++	6.6	1.80	0.44 +	4.08	1928.	48.	7.
1728	0000	-919	37.1867	80.5140	CR-1	1.6	2.7 +	6.7	1.72	0.41	4.23	1918.	49.	8.
1729	0000	-917	37.1862	80.5140	CR-1	1.5	2.4	7.2	1.53	0.33	4.66	1909.	48.	8.
1730	0000	-921	37.1857	80.5140	CR-1	1.4	2.1	7.4	1.47	0.28	5.17	1866.	49.	9.
1731	0000	-922	37.1852	80.5140	CR-1	1.5	1.9	7.8	1.32	0.25	5.33	1871.	50.	9.
1732	0000	-923	37.1846	80.5140	CR-1	1.5	1.8	8.1	1.23	0.22	5.47	1905.	49.	10.
1733	0000	-923	37.1842	80.5140	CR-1	1.4	1.9	8.1	1.33	0.24	5.60	1907.	49.	10.
1734	0000	-920	37.1837	80.5139	CR-1	1.4	1.9	7.8	1.36	0.24	5.77	1899.	49.	12.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295 PAGE 1044

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-920	37.1831	80.5139	CR-1	1.3	1.8	7.8	1.31	0.23	5.78	1888.	49.	13.
1736	0000	-921	37.1826	80.5139	CR-1	1.3	2.0	7.5	1.56	0.27	5.88	1861.	51.	13.
1737	0000	-918	37.1821	80.5139	CR-1	1.2	2.0	7.5	1.60	0.26	6.10	1856.	52.	14.
1738	0000	-917	37.1817	80.5139	CR-1	1.2	2.0	7.4	1.63	0.26	6.18	1864.	52.	16.
1739	0000	-917	37.1812	80.5139	CR-1	1.2	2.1	7.6	1.78	0.28	6.36	1873.	53.	16.
1740	0000	-916	37.1806	80.5139	CR-1	1.3	2.0	8.0	1.59	0.25	6.31	1917.	55.	17.
1741	0000	-916	37.1801	80.5139	CR-1	1.4	1.8	8.2	1.35	0.22	6.05	1938.	54.	18.
1742	0000	-918	37.1796	80.5139	CR-1	1.3	1.9	8.4	1.48	0.23	6.34	1957.	53.	18.
1743	0000	-918	37.1791	80.5139	CR-1	1.4	1.9	8.3	1.38	0.23	6.04	1978.	53.	19.
1744	0000	-917	37.1786	80.5139	CR-1	1.4	1.9	8.3	1.34	0.23	5.89	1972.	52.	18.
1745	0000	-921	37.1781	80.5139	CR-1	1.4	1.9	8.4	1.35	0.22	6.06	1937.	52.	17.
1746	0000	-922	37.1776	80.5138	CR-1	1.4	1.9	8.1	1.37	0.23	5.97	1907.	52.	16.
1747	0000	-921	37.1770	80.5138	CR-1	1.3	2.0	7.7	1.46	0.26	5.73	1881.	52.	15.
1748	0000	-920	37.1765	80.5138	CR-1	1.3	1.9	7.5	1.40	0.25	5.61	1855.	53.	13.
1749	0000	-920	37.1761	80.5138	CR-1	1.4	1.8	7.8	1.31	0.23	5.66	1838.	52.	11.
1750	0000	-922	37.1756	80.5138	MPR-1	1.3	1.8	7.6	1.35 -	0.24	5.71	1796.	51.	10.
1751	0000	-925	37.1750	80.5138	MPR-1	1.2	2.0	7.1	1.65	0.29	5.77	1730.	51.	9.
1752	0000	-923	37.1745	80.5137	MPR-1	1.2	2.1	6.6	1.83	0.32	5.74	1649.	51.	8.
1753	0000	-921	37.1740	80.5137	MPR-1	1.1	2.2	6.1	2.07	0.36	5.78	1550.	53.	7.
1754	0000	-922	37.1735	80.5137	MPR-1	0.9	2.1	5.7	2.28	0.37 +	6.23	1442.	52.	6.
1755	0000	-921	37.1730	80.5137	MPR-1	0.8	2.1	5.3	2.75	0.40 +	6.80	1324.	53.	6.
1756	0000	-923	37.1725	80.5137	MPR-1	0.7	2.1	4.8 -	3.10	0.44 +	7.02	1248.	55.	6.
1757	0000	-926	37.1720	80.5137	MPR-1	0.7	2.2	4.4 -	3.09	0.48 ++	6.39	1232.	55.	7.
1758	0000	-926	37.1715	80.5137	MPR-1	0.8	2.2	4.4 -	2.57	0.50 ++	5.18	1294.	56.	7.
1759	0000	-925	37.1710	80.5137	MPR-1	1.0	2.2	4.6 -	2.23	0.48 ++	4.62 -	1394.	57.	8.
1760	0000	-924	37.1705	80.5137	MPR-1	1.3	2.1	4.7 -	1.64	0.44 +	3.75 -	1536.	55.	10.
1761	0000	-921	37.1700	80.5137	MPR-1	1.5 +	2.2	5.1	1.50	0.44 +	3.42 -	1680.	55.	11.
1762	0000	-918	37.1695	80.5137	MPR-1	1.8 +	2.2	5.4	1.19 -	0.40 +	2.97 -	1879.	53.	11.
1763	0000	-922	37.1690	80.5137	MPR-2	2.3 -	2.2	5.1 -	0.93	0.43	2.18	2076.	58.	13.
1764	0000	-924	37.1685	80.5136	MPR-2	2.6	2.2	5.4 -	0.83	0.41	2.04	2215.	57.	12.
1765	0000	-922	37.1679	80.5136	MPR-2	2.8	2.0	5.6	0.73	0.36	2.01	2299.	58.	13.
1766	0000	-925	37.1675	80.5136	MPR-2	2.9	2.1	5.6	0.73	0.37	1.94	2332.	56.	12.
1767	0000	-925	37.1670	80.5136	MPR-2	2.8	2.2	5.7	0.81	0.39	2.05	2308.	56.	11.
1768	0000	-924	37.1665	80.5137	MPR-2	2.7	2.2	5.6	0.81	0.39	2.06	2247.	56.	10.
1769	0000	-926	37.1659	80.5137	MPR-2	2.5 -	2.3	5.2 -	0.95	0.45	2.13	2137.	55.	9.
1770	0000	-924	37.1654	80.5137	MPR-1	2.0 +	2.5	5.3	1.29 -	0.49 ++	2.63 --	1987.	53.	8.
1771	0000	-923	37.1649	80.5136	MPR-1	1.7 +	2.6	5.5	1.60	0.48 ++	3.30 -	1858.	54.	7.
1772	0000	-927	37.1644	80.5136	CE	1.4	2.8 +	5.7	2.02 +	0.49 +	4.13	1753.	52.	6.
1773	0000	-923	37.1639	80.5136	CE	1.2	2.8 +	6.0	2.37 +	0.47 +	5.09	1692.	52.	6.
1774	0000	-920	37.1634	80.5136	CE	1.0	2.9 +	6.2	2.90 +	0.47 +	6.15	1648.	52.	5.
1775	0000	-924	37.1629	80.5136	CE	0.8	2.9 +	6.2	3.49 ++	0.48 +	7.32 +	1605.	52.	6.
1776	0000	-925	37.1624	80.5136	CE	0.7 -	3.1 ++	6.4	4.38 ++	0.49 +	8.97 +	1578.	54.	6.
1777	0000	-923	37.1619	80.5135	CE	0.6 -	3.2 ++	6.5	4.93 ++	0.49 +	10.09 +	1543.	54.	7.
1778	0000	-924	37.1614	80.5135	CE	0.6 -	3.2 ++	6.6	5.51 ++	0.48 +	11.42 ++	1518.	53.	6.
1779	0000	-923	37.1609	80.5136	CE	0.6 -	3.2 ++	6.5	5.56 ++	0.50 +	11.21 ++	1482.	54.	6.
1780	0000	-924	37.1604	80.5136	CE	0.7 -	3.1 ++	6.2	4.72 ++	0.50 +	9.44 +	1483.	54.	6.
1781	0000	-923	37.1599	80.5136	CE	0.8 -	2.9 +	6.2	3.47 ++	0.47 +	7.40 +	1528.	54.	6.
1782	0000	-923	37.1593	80.5136	CE	1.1	3.0 +	6.3	2.86 +	0.48 +	5.93	1629.	54.	6.
1783	0000	-922	37.1589	80.5135	CE	1.3	3.2 ++	6.3	2.43 +	0.50 +	4.81	1756.	52.	6.
1784	0000	-922	37.1584	80.5135	CE	1.6	2.9 +	6.3	1.83	0.47 +	3.88	1919.	51.	7.
1785	0000	-923	37.1578	80.5135	CE	1.9	2.8 +	6.0	1.46	0.47 +	3.09	2069.	53.	9.

CP 9 LP 12

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

* TAGS						* VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-924	37.1573	80.5135	CE	2.2	2.7 +	5.6	1.20	0.48 +	2.49	2205.	53.	12.
1787	0000	-925	37.1568	80.5135	CE	2.5	2.6 +	5.4	1.01	0.48 +	2.11 -	2330.	52.	15.
1788	0000	-924	37.1563	80.5135	CE	2.8	2.5 +	5.3	0.91	0.47 +	1.93 -	2424.	51.	17.
1789	0000	-924	37.1558	80.5135	CE	2.9	1.9	5.5	0.66	0.35	1.89 -	2483.	52.	20.
1790	0000	-926	37.1553	80.5135	CE	2.9	1.7	5.3	0.59 -	0.32	1.86 -	2478.	53.	21.
1791	0000	-925	37.1548	80.5135	STC-2	2.7 +++	1.7	5.2	0.61 ---	0.32	1.91 ---	2391.	51.	23.
1792	0000	-922	37.1543	80.5135	STC-2	2.5 ++	1.5	4.8	0.61 ---	0.32	1.89 ---	2281.	49.	24.
1793	0000	-927	37.1538	80.5135	STC-2	2.3 ++	1.4	4.9	0.59 ---	0.28	2.09 ---	2200.	49.	24.
1794	0000	-927	37.1533	80.5135	STC-2	2.0 ++	1.5	4.7	0.75 --	0.32	2.36 ---	2082.	49.	24.
1795	0000	-924	37.1528	80.5134	DB-2	1.7 +	1.6 -	4.7 --	0.90 -	0.33	2.69 ---	1970.	49.	24.
1796	0000	-923	37.1523	80.5134	DB-2	1.5	2.1	4.2 --	1.37	0.49 ++	2.81 ---	1867.	49.	22.
1797	0000	-924	37.1517	80.5134	DB-2	1.5	1.8	4.3 --	1.24 -	0.43 +	2.91 ---	1823.	52.	22.
1798	0000	-924	37.1512	80.5134	DB-2	1.5	2.0	4.4 --	1.32	0.46 ++	2.86 ---	1846.	53.	21.
1799	0000	-925	37.1507	80.5134	DB-2	1.8 +	1.9	4.5 --	1.06 -	0.42 +	2.51 ---	1944.	55.	20.
1800	0000	-924	37.1503	80.5134	DB-2	2.1 ++	2.1	4.5 --	0.99 -	0.47 ++	2.13 ---	2097.	54.	19.
1801	0000	-926	37.1497	80.5134	DB-2	2.5 +++	2.0	4.9 --	0.79 --	0.41 +	1.94 ---	2278.	55.	17.
1802	0000	-926	37.1492	80.5134	DB-2	2.9 +++	2.1	5.1 --	0.71 --	0.40 +	1.76 ---	2453.	53.	16.
1803	0000	-924	37.1487	80.5134	DB-2	3.2 +++	1.9	5.5 -	0.59 ---	0.33	1.75 ---	2681.	52.	15.
1804	0000	-925	37.1482	80.5134	DB-2	3.3 +++	1.8	5.7 -	0.54 ---	0.31	1.71 ---	2644.	51.	15.
1805	0000	-930	37.1477	80.5134	CE	3.4 +	1.7	5.7	0.49 -	0.29	1.68 -	2694.	51.	15.
1806	0000	-928	37.1472	80.5134	CE	3.2 +	2.0	6.0	0.63	0.34	1.86 -	2656.	51.	14.
1807	0000	-924	37.1467	80.5133	CE	2.9	1.8	6.6	0.63	0.28	2.25	2544.	50.	13.
1808	0000	-928	37.1462	80.5133	CE	2.7	2.0	6.7	0.75	0.30	2.51	2441.	48.	13.
1809	0000	-930	37.1457	80.5133	CE	2.5	2.0	6.5	0.80	0.31	2.59	2371.	49.	14.
1810	0000	-928	37.1452	80.5133	CE	2.5	2.1	6.6	0.85	0.32	2.65	2364.	50.	13.
1811	0000	-927	37.1447	80.5133	CE	2.5	2.4	6.6	0.93	0.36	2.61	2424.	50.	14.
1812	0000	-928	37.1442	80.5133	CE	2.7	2.2	6.8	0.83	0.33	2.54	2509.	48.	13.
1813	0000	-928	37.1437	80.5133	CE	3.0	2.1	6.9	0.70	0.30	2.28	2649.	49.	14.
1814	0000	-929	37.1431	80.5132	CE	3.3 +	2.3	6.6	0.69	0.35	1.96 -	2812.	51.	14.
1815	0000	-930	37.1426	80.5132	CE	3.7 +	2.2	6.5	0.59 -	0.34	1.75 -	2970.	52.	15.
1816	0000	-930	37.1422	80.5132	CE	3.9 +	2.4	6.4	0.60 -	0.37	1.63 -	3087.	54.	15.
1817	0000	-930	37.1416	80.5132	CE	4.3 +	2.5	6.3	0.58 -	0.40	1.47 -	3238.	53.	14.
1818	0000	-931	37.1411	80.5132	CE	4.5 +	2.5 +	6.4	0.56 -	0.40	1.41 -	3365.	54.	13.
1819	0000	-928	37.1406	80.5132	CE	4.8 +	2.7 +	6.4	0.57 -	0.42 +	1.34 -	3489.	58.	13.
1820	0000	-927	37.1401	80.5132	CE	4.9 +	2.7 +	6.4	0.54 -	0.42 +	1.29 -	3550.	58.	13.
1821	0000	-929	37.1396	80.5132	CE	5.0 +	2.9 +	6.3	0.58 -	0.46 +	1.26 -	3597.	57.	13.
1822	0000	-930	37.1391	80.5132	CE	5.1 +	2.9 +	6.2	0.57 -	0.47 +	1.21 --	3595.	59.	12.
1823	0000	-929	37.1386	80.5132	CE	5.0 +	2.7 +	6.7	0.53 -	0.39	1.33 -	3556.	57.	12.
1824	0000	-928	37.1381	80.5132	CE	4.9 +	2.2	6.8	0.46 -	0.33	1.41 -	3459.	58.	14.
1825	0000	-929	37.1376	80.5132	CE	4.7 +	2.0	6.6	0.43 -	0.30	1.41 -	3348.	56.	15.
1826	0000	-929	37.1371	80.5132	CE	4.4 +	1.7	6.7	0.39 -	0.25	1.52 -	3184.	54.	17.
1827	0000	-927	37.1366	80.5132	CE	4.0 +	1.6	6.5	0.39 -	0.24	1.61 -	3022.	52.	19.
1828	0000	-927	37.1361	80.5132	CE	3.8 +	1.0 -	6.4	0.26 --	0.15 --	1.71 -	2842.	54.	22.
1829	0000	-931	37.1356	80.5132	CE	3.5 +	0.9 -	6.4	0.25 --	0.14 --	1.85 -	2708.	55.	24.
1830	0000	-930	37.1350	80.5132	CE	3.3 +	0.8 -	6.7	0.26 --	0.15 --	1.75 -	2628.	54.	27.
1831	0000	-927	37.1345	80.5132	CE	3.0	1.0 -	5.5	0.35 -	0.19 -	1.85 -	2488.	55.	28.
1832	0000	-928	37.1340	80.5131	CE	2.6	1.0 -	5.3	0.38 -	0.19 -	2.02 -	[illegible]	56.	[illegible]
1833	0000	-929	37.1335	80.5131	CE	2.5	1.0 -	5.1	0.40 -	0.19 -	2.07 -	2251.	59.	28.
1834	0000	-928	37.1330	80.5131	CE	2.4	1.1 -	5.7	0.46 -	0.19 -	2.39	2273.	60.	26.
1835	0000	-928	37.1325	80.5131	CE	2.3	1.5	6.2	0.66	0.24	2.73	2304.	57.	24.
1836	0000	-929	37.1320	80.5131	CE	2.1	1.7	7.1	0.78	0.23	3.35	2304.	56.	22.

CP 9 LP 12

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295 PAGE 1046

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-928	37.1315	80.5131	CE	2.0	2.0	7.6	1.02	0.27	3.83	2295.	55.	18.
1838	0000	-928	37.1310	80.5130	CE	2.0	2.1	8.2 +	1.07	0.26	4.17	2338.	56.	15.
1839	0000	-927	37.1305	80.5130	CE	2.0	2.5 +	8.8 +	1.26	0.29	4.39	2409.	54.	13.
1840	0000	-923	37.1300	80.5130	CE	2.0	3.0 +	9.0 +	1.51	0.34	4.47	2452.	51.	11.
1841	0000	-923	37.1295	80.5130	CE	1.9	3.0 +	8.9 +	1.57	0.34	4.58	2417.	51.	10.
1842	0000	-924	37.1289	80.5130	CE	1.9	3.3 ++	8.6 +	1.69	0.38	4.45	2403.	53.	10.
1843	0000	-927	37.1284	80.5130	CE	1.9	3.6 ++	8.2 +	1.88	0.44 +	4.23	2453.	51.	9.
1844	0000	-930	37.1280	80.5130	CE	2.1	3.7 +++	8.3 +	1.78	0.44 +	4.02	2519.	52.	11.
1845	0000	-927	37.1275	80.5130	CE	2.1	3.7 +++	8.4 +	1.75	0.44 +	3.98	2559.	53.	12.
1846	0000	-924	37.1269	80.5130	CE	2.1	3.6 ++	8.3 +	1.73	0.43 +	4.01	2574.	53.	14.
1847	0000	-924	37.1264	80.5130	CE	2.0	3.5 ++	8.3 +	1.70	0.42 +	4.09	2576.	53.	15.
1848	0000	-926	37.1259	80.5130	CE	2.1	3.7 ++	8.4 +	1.73	0.44 +	3.98	2641.	51.	16.
1849	0000	-928	37.1254	80.5130	CE	2.2	3.3 ++	8.9 +	1.51	0.37	4.05	2677.	49.	17.
1850	0000	-928	37.1249	80.5129	CE	2.2	3.2 ++	8.9 +	1.43	0.36	4.00	2640.	50.	17.
1851	0000	-926	37.1244	80.5129	CE	2.1	2.9 +	8.7 +	1.41	0.34	4.18	2555.	51.	17.
1852	0000	-928	37.1239	80.5129	CE	2.0	3.0 +	8.2 +	1.44	0.36	4.02	2497.	49.	17.
1853	0000	-927	37.1234	80.5129	CE	2.1	2.8 +	8.3 +	1.32	0.34	3.91	2473.	46.	16.
1854	0000	-927	37.1229	80.5129	CE	2.2	2.5 +	8.0 +	1.14	0.32	3.60	2453.	48.	16.
1855	0000	-930	37.1224	80.5129	CE	2.3	2.2	7.4	0.94	0.29	3.20	2406.	51.	16.
1856	0000	-928	37.1219	80.5129	CE	2.4	2.5 +	6.6	1.04	0.38	2.73	2387.	51.	14.
1857	0000	-926	37.1214	80.5129	CE	2.5	2.2	5.9	0.90	0.37	2.39	2352.	53.	13.
1858	0000	-930	37.1208	80.5129	CE	2.6	2.1	5.7	0.80	0.36	2.19	2357.	53.	12.
1859	0000	-929	37.1203	80.5129	CE	2.8	1.8	5.3	0.64	0.33	1.94 -	2368.	55.	12.
1860	0000	-926	37.1198	80.5129	CE	2.9	1.7	5.0	0.61 -	0.35	1.73 -	2397.	57.	12.
1861	0000	-930	37.1194	80.5129	DLMU-1	2.9 ++	1.9	5.2	0.65 --	0.37	1.77 -	2418.	58.	11.
1862	0000	-928	37.1189	80.5129	DLMU-1	3.0 ++	2.2 +	5.3	0.75 --	0.42	1.77 -	2450.	58.	11.
1863	0000	-925	37.1183	80.5128	DLMU-1	2.9 ++	2.1 +	5.6 +	0.73 --	0.38	1.92 -	2467.	58.	11.
1864	0000	-929	37.1178	80.5128	DLMU-1	3.0 ++	2.4 +	6.3 +	0.80 --	0.38	2.11 -	2532.	56.	12.
1865	0000	-928	37.1173	80.5128	DLMU-1	3.0 ++	2.2 +	6.8 +	0.74 --	0.32	2.28 -	2539.	56.	13.
1866	0000	-926	37.1169	80.5128	DLMU-1	2.8 ++	2.4 +	7.0 ++	0.86 --	0.35	2.49 -	2480.	56.	13.
1867	0000	-928	37.1163	80.5128	DLMU-1	2.6 ++	2.2 +	6.9 ++	0.85 --	0.32	2.70 -	2360.	54.	14.
1868	0000	-928	37.1158	80.5129	DLMU-1	2.3 ++	2.0 +	6.8 +	0.89 --	0.30	2.99 -	2217.	53.	16.
1869	0000	-926	37.1153	80.5128	DLMU-1	1.9 ++	1.8	6.8 +	0.95 --	0.27	3.54 -	2035.	51.	16.
1870	0000	-925	37.1148	80.5128	DLMU-1	1.6 +	1.4	6.6 +	0.87 --	0.22 -	4.06 -	1842.	52.	17.
1871	0000	-927	37.1142	80.5128	DLMU-1	1.3 +	1.0	6.1 +	0.75 --	0.16 --	4.62 -	1622.	52.	18.
1872	0000	-928	37.1138	80.5128	DLMU-1	1.0 +	1.2	5.6 +	1.14 -	0.21 -	5.50 -	1444.	51.	19.
1873	0000	-925	37.1133	80.5128	DLMU-1	0.8 +	0.9	5.5	1.13 -	0.17 -	6.55	1324.	49.	20.
1874	0000	-926	37.1127	80.5128	DLMU-1	0.7	0.9 -	5.2	1.22 -	0.17 -	7.14	1231.	51.	19.
1875	0000	-930	37.1122	80.5127	DLMU-1	0.6	0.8 -	4.9	1.22 -	0.16 --	7.52	1167.	51.	18.
1876	0000	-927	37.1117	80.5127	DLMU-1	0.6	0.9 -	4.6	1.47 -	0.19 -	7.66	1124.	51.	17.
1877	0000	-926	37.1112	80.5127	DLMU-1	0.7	1.0	4.4	1.52 -	0.23 -	6.70	1112.	51.	16.
1878	0000	-928	37.1108	80.5127	DLMU-1	0.7	1.4	4.2	2.00	0.32	6.18	1110.	51.	14.
1879	0000	-929	37.1102	80.5128	DLMU-1	0.7	1.3	3.8	1.86	0.34	5.55 -	1093.	51.	12.
1880	0000	-927	37.1097	80.5128	DLMU-1	0.7	1.5	3.5	2.27	0.42	5.38 -	1072.	52.	10.
1881	0000	-927	37.1092	80.5127	DLMU-1	0.6	1.8	3.6	2.95	0.50	5.85 -	1058.	49.	8.
1882	0000	-929	37.1087	80.5127	DLMU-1	0.6	1.8	3.4	3.00	0.53 +	5.61 -	1042.	52.	8.
1883	0000	-929	37.1082	80.5127	DLMU-1	0.6	1.7	3.3	2.83	0.52 +	5.48 -	1016.	52.	7.
1884	0000	-927	37.1077	80.5127	DLMU-1	0.5	1.8	3.1	3.40	0.57 +	6.01 -	978.	50.	7.
1885	0000	-929	37.1072	80.5127	DLMU-1	0.5	1.6	2.9	3.51	0.56 +	6.25	945.	53.	8.
1886	0000	-929	37.1067	80.5127	OB-1	0.5	1.5	2.8 -	3.16	0.54 +	5.89	936.	54.	9.
1887	0000	-928	37.1062	80.5126	OB-1	0.5	1.2	2.9 -	2.41	0.43	5.60	928.	54.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295 PAGE 1047

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*			
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-930	37.1057	80.5126	OB-1	0.6	0.9 -	2.8 -	1.50	0.31	4.91	929.	56.	13.
1889	0000	-928	37.1052	80.5127	OB-1	0.6	1.0 -	2.8 -	1.56	0.34	4.59	964.	56.	13.
1890	0000	-924	37.1047	80.5127	OB-1	0.7	0.9 -	2.9 -	1.38	0.33	4.23	1014.	58.	15.
1891	0000	-926	37.1042	80.5127	OB-1	0.8	0.9 -	3.3 -	1.15 -	0.27	4.34	1098.	58.	15.
1892	0000	-930	37.1037	80.5127	OB-1	0.9	0.7 -	4.1	0.84 -	0.18 -	4.61	1185.	57.	15.
1893	0000	-930	37.1031	80.5125	OB-1	1.0	0.9 -	4.4	0.92 -	0.21 -	4.49	1263.	56.	15.
1894	0000	-932	37.1027	80.5126	OB-1	1.0	1.0 -	4.7	0.96 -	0.21 -	4.50	1336.	56.	14.
1895	0000	-932	37.1022	80.5126	OB-1	1.1	1.5	5.0	1.39	0.30	4.65	1397.	56.	12.
1896	0000	-932	37.1016	80.5126	OB-1	1.1	1.8	5.4	1.66	0.34	4.95	1470.	52.	11.
1897	0000	-933	37.1011	80.5126	OMUU	1.1	2.0 +	5.8	1.81	0.35	5.24 -	1500.	51.	10.
1898	0000	-923	37.1006	80.5126	OMUU	1.1	2.1 +	5.8	1.88	0.36	5.28 -	1501.	51.	10.
1899	0000	-912	37.1001	80.5125	OMUU	1.1	2.2 +	5.5	2.08	0.40 +	5.16 -	1515.	52.	10.
1900	0000	-917	37.0996	80.5125	OMUU	1.1	2.3 +	5.6	2.10	0.40 +	5.20 -	1542.	55.	9.
1901	0000	-925	37.0991	80.5125	OMUU	1.1	2.5 ++	5.6	2.29	0.45 +	5.11 -	1572.	56.	9.
1902	0000	-926	37.0986	80.5125	OMUU	1.1	2.5 ++	5.3	2.19	0.46 +	4.76 -	1599.	56.	11.
1903	0000	-926	37.0981	80.5125	OMUU	1.2 +	2.2 +	5.3	1.81	0.40 +	4.47 -	1582.	59.	11.
1904	0000	-929	37.0975	80.5125	OMUU	1.3 +	2.0 +	5.3	1.62	0.38 +	4.22 -	1588.	57.	13.
1905	0000	-932	37.0971	80.5125	OMUU	1.3 +	1.8	5.0	1.38	0.36	3.88 --	1576.	59.	13.
1906	0000	-933	37.0965	80.5125	OMUU	1.2 +	1.8	4.9	1.43	0.36	3.92 --	1508.	57.	14.
1907	0000	-930	37.0960	80.5125	OMUU	1.1	1.6	4.7	1.39	0.33	4.19 -	1421.	56.	15.
1908	0000	-930	37.0955	80.5125	OB-1	1.0	1.3	4.6	1.28	0.28	4.53	1332.	55.	17.
1909	0000	-931	37.0950	80.5124	OB-1	0.9	1.0 -	4.7	1.17 -	0.22 -	5.22	1241.	53.	18.
1910	0000	-927	37.0944	80.5124	OB-1	0.7	0.9 -	4.4	1.32	0.22 -	6.14	1155.	51.	19.
1911	0000	-926	37.0939	80.5124	OB-1	0.6	0.9 -	4.0	1.57	0.23 -	6.85	1105.	52.	19.
1912	0000	-931	37.0934	80.5124	OB-1	0.4	1.2	4.1	2.73	0.30	9.22	1076.	50.	19.
1913	0000	-930	37.0929	80.5123	OB-1	0.4	1.1	4.5	2.45	0.24	10.21	1101.	50.	19.
1914	0000	-925	37.0924	80.5123	OB-1	0.4	1.2	4.7	2.99	0.26	11.58 +	1132.	48.	18.
1915	0000	-927	37.0919	80.5124	OB-1	0.4	1.4	4.9	3.09	0.28	10.94 +	1186.	47.	17.
1916	0000	-927	37.0914	80.5123	OB-1	0.5	1.7	4.9	3.32	0.34	9.75	1249.	48.	16.
1917	0000	-926	37.0908	80.5123	OB-1	0.6	2.0 +	4.9	3.33	0.41	8.18	1325.	50.	14.
1918	0000	-927	37.0903	80.5123	OB-1	0.7	2.2 +	5.4	3.07	0.40	7.62	1369.	50.	13.
1919	0000	-928	37.0898	80.5123	OCH	0.8	2.1	5.5	2.50	0.38	6.53	1425.	52.	13.
1920	0000	-927	37.0893	80.5122	OCH	0.9	2.3 +	4.9	2.52	0.46	5.45	1433.	52.	13.
1921	0000	-927	37.0888	80.5122	OCH	0.9	2.4 +	4.8	2.58	0.49 +	5.23	1446.	52.	13.
1922	0000	-926	37.0882	80.5122	OCH	1.0	2.2	4.9	2.34	0.45	5.16	1439.	53.	13.
1923	0000	-926	37.0877	80.5122	OCH	1.0	2.0	4.7	2.08	0.44	4.78	1434.	53.	14.
1924	0000	-927	37.0872	80.5122	OCH	1.0	1.7	4.7	1.80	0.36	4.97	1407.	53.	14.
1925	0000	-925	37.0867	80.5122	CCO-2	0.9 -	1.9	4.6	2.06	0.41	5.07	1407.	52.	14.
1926	0000	-925	37.0861	80.5122	CCO-2	0.9 -	1.6	5.1	1.91	0.32	5.96	1392.	51.	14.
1927	0000	-927	37.0856	80.5121	CCO-2	0.8 -	1.7	5.7	2.08	0.29	7.11 +	1421.	52.	14.
1928	0000	-928	37.0851	80.5121	CCO-2	0.8 -	1.7	6.1	1.98	0.27	7.20 +	1457.	53.	14.
1929	0000	-927	37.0846	80.5121	CCO-2	0.9 -	2.0	5.9	2.19 +	0.33	6.59 +	1521.	53.	14.
1930	0000	-927	37.0840	80.5121	CCO-2	1.0	2.0	6.6	2.04	0.31	6.58 +	1600.	53.	13.
1931	0000	-925	37.0835	80.5121	CCO-2	1.2	2.0	6.6	1.70	0.31	5.55	1724.	52.	13.
1932	0000	-924	37.0830	80.5121	CCO-2	1.4	1.7	7.2 +	1.19	0.24 -	5.00	1872.	53.	13.
1933	0000	-924	37.0825	80.5121	CCO-2	1.7 +	2.2	7.0	1.24	0.31	4.02	2071.	53.	13.
1934	0000	-924	37.0820	80.5120	CCO-3	2.2 -	2.5	7.2	1.15 +	0.34	3.33 ++	2290.	52.	13.
1935	0000	-923	37.0815	80.5120	CCO-3	2.5	2.4	7.2	0.94 +	0.34	2.79 +	2523.	53.	13.
1936	0000	-924	37.0810	80.5120	CCO-3	3.0	2.2	7.8 +	0.73	0.28	2.58	2751.	55.	12.
1937	0000	-926	37.0804	80.5120	CCO-3	3.5	2.4	7.9 +	0.67	0.30	2.24	2991.	56.	12.
1938	0000	-925	37.0799	80.5119	CCO-3	3.9 +	2.3	8.7 +	0.59	0.27	2.24	3183.	57.	11.

CP9 1P12

CP9 1P12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-923	37.0794	80.5119	CCD-3	4.2 +	2.5	8.6 +	0.59	0.29	2.07	3329.	59.	11.
1940	0000	-923	37.0788	80.5119	CCD-3	4.3 +	2.5	8.8 +	0.57	0.28	2.01	3388.	59.	10.
1941	0000	-924	37.0783	80.5119	CCD-3	4.5 +	2.2	9.3 ++	0.49 -	0.23 -	2.08	3447.	58.	10.
1942	0000	-923	37.0778	80.5119	CR-2	4.5	2.3	9.7 +	0.50	0.23	2.14	3471.	57.	10.
1943	0000	-926	37.0773	80.5119	CR-2	4.5	2.6	9.8 +	0.58	0.27	2.18	3483.	58.	9.
1944	0000	-923	37.0768	80.5119	CR-2	4.3	2.8 +	9.8 +	0.65	0.28	2.29 +	3424.	56.	9.
1945	0000	-919	37.0763	80.5118	CR-2	4.2	2.8 +	9.5 +	0.68 +	0.30	2.27	3366.	54.	9.
1946	0000	-920	37.0757	80.5118	CR-2	4.1	2.9 +	9.4 +	0.71 +	0.31	2.27	3303.	52.	9.
1947	0000	-921	37.0752	80.5118	CR-2	4.1	3.0 +	9.1	0.74 +	0.33 +	2.24	3292.	50.	9.
1948	0000	-923	37.0747	80.5118	CR-2	4.0	2.9 +	8.5	0.73 +	0.34 +	2.13	3234.	51.	10.
1949	0000	-923	37.0742	80.5118	CR-2	4.0	2.8 +	7.7	0.71 +	0.36 +	1.94	3212.	52.	11.
1950	0000	-923	37.0737	80.5118	CR-2	4.0	2.7	7.3	0.67 +	0.37 +	1.82	3190.	48.	11.
1951	0000	-922	37.0731	80.5118	CR-2	4.0	2.2	7.3	0.55	0.30	1.82	3148.	50.	12.
1952	0000	-921	37.0726	80.5117	CR-2	4.0	2.3	7.0	0.58	0.33	1.75	3147.	51.	12.
1953	0000	-918	37.0721	80.5117	CR-2	4.0	2.2	6.9	0.55	0.32	1.74	3145.	54.	12.
1954	0000	-919	37.0716	80.5117	CR-2	4.0	1.9	7.0	0.45	0.26	1.74	3112.	56.	12.
1955	0000	-918	37.0711	80.5117	CR-2	4.0	1.8	6.9	0.45	0.26	1.72	3111.	59.	12.
1956	0000	-917	37.0706	80.5116	CR-2	4.0	1.9	7.3	0.46	0.25	1.82	3146.	58.	11.
1957	0000	-920	37.0700	80.5116	CR-2	4.0	1.8	8.0	0.46	0.23	2.00	3165.	61.	11.
1958	0000	-918	37.0695	80.5116	CR-2	4.1	2.2	8.1	0.55	0.28	1.99	3236.	59.	10.
1959	0000	-917	37.0690	80.5116	CR-2	4.0	2.2	8.4	0.55	0.26	2.09	3245.	59.	9.
1960	0000	-920	37.0684	80.5116	CR-2	4.1	2.3	8.5	0.57	0.27	2.09	3298.	58.	9.
1961	0000	-919	37.0679	80.5116	CR-2	4.1	2.5	8.8	0.62	0.30	2.12	3384.	58.	9.
1962	0000	-916	37.0674	80.5116	CR-2	4.3	2.8 +	9.2	0.64	0.30	2.15	3475.	56.	9.
1963	0000	-917	37.0669	80.5115	CR-2	4.3	2.8 +	9.4 +	0.64	0.30	2.17	3481.	57.	8.
1964	0000	-918	37.0664	80.5115	CR-2	4.5	2.8 +	9.0	0.63	0.31	2.01	3509.	57.	8.
1965	0000	-919	37.0659	80.5115	CR-2	4.6	2.7 +	9.0	0.59	0.30	1.95	3562.	58.	8.
1966	0000	-917	37.0654	80.5115	CR-2	4.7	2.9 +	8.8	0.62	0.34 +	1.86	3613.	58.	7.
1967	0000	-915	37.0648	80.5115	CR-2	4.7	3.0 +	9.0	0.64	0.33 +	1.92	3597.	56.	6.
1968	0000	-916	37.0643	80.5115	CR-2	4.6	2.7 +	9.0	0.60	0.30	1.96	3510.	57.	6.
1969	0000	-915	37.0638	80.5115	CR-2	4.3	2.7 +	8.5	0.63	0.32	1.97	3383.	58.	5.
1970	0000	-913	37.0633	80.5114	CR-2	4.1	2.9 +	8.3	0.71 +	0.35 +	2.01	3289.	57.	4.
1971	0000	-914	37.0628	80.5114	CR-2	3.9	3.2 ++	8.2	0.83 ++	0.40 ++	2.10	3216.	59.	3.
1972	0000	-914	37.0622	80.5114	CR-2	3.8	3.2 +	8.4	0.83 +	0.38 +	2.20	3156.	59.	3.
1973	0000	-912	37.0617	80.5114	CR-2	3.9	3.3 ++	8.7	0.84 ++	0.37 +	2.26	3183.	59.	3.
1974	0000	-912	37.0612	80.5114	CR-2	4.0	3.3 ++	8.7	0.82 +	0.38 +	2.16	3241.	60.	3.
1975	0000	-911	37.0606	80.5114	CR-2	4.2	3.3 ++	8.5	0.79 +	0.39 ++	2.04	3326.	60.	3.
1976	0000	-912	37.0601	80.5114	CR-2	4.4	3.4 ++	8.6	0.78 +	0.39 ++	1.98	3446.	60.	4.
1977	0000	-913	37.0596	80.5113	CR-2	4.6	3.1 +	8.9	0.68 +	0.35 +	1.93	3548.	60.	5.
1978	0000	-913	37.0591	80.5113	CR-2	4.9	2.9 +	9.8 +	0.59	0.29	2.01	3623.	57.	4.
1979	0000	-912	37.0586	80.5113	CR-2	5.0 +	2.8 +	10.3 +	0.56	0.28	2.04	3707.	55.	5.
1980	0000	-914	37.0580	80.5113	CR-2	5.1 +	2.7 +	10.4 +	0.54	0.26	2.06	3733.	53.	5.
1981	0000	-913	37.0575	80.5112	CR-2	5.1 +	2.8 +	10.6 ++	0.54	0.26	2.08	3754.	54.	4.
1982	0000	-913	37.0570	80.5112	CR-2	5.0 +	2.7 +	10.7 ++	0.54	0.25	2.11	3739.	52.	3.
1983	0000	-911	37.0565	80.5112	CR-2	4.9 +	2.6	10.8 ++	0.52	0.24	2.18	3661.	51.	3.
1984	0000	-908	37.0560	80.5112	CR-2	4.7	2.6	10.3 +	0.57	0.25	2.22	3533.	49.	2.
1985	0000	-908	37.0555	80.5112	CR-2	4.3	2.5	9.3 +	0.58	0.27	2.14	3340.	49.	3
1986	0000	-912	37.0550	80.5112	CR-2	3.9	2.5	8.0	0.64	0.31	2.05	3068.	50.	3.
1987	0000	-911	37.0544	80.5112	CR-2	3.4 -	2.3	7.3	0.67 +	0.31	2.16	2794.	52.	4.
1988	0000	-909	37.0539	80.5111	CR-2	3.0 -	2.0	7.0	0.69 +	0.29	2.36 +	2546.	52.	5.
1989	0000	-909	37.0534	80.5111	CR-2	2.8 -	2.1	7.1	0.74 +	0.29	2.57 +	2440.	53.	6.

CP9 IP12

CP9 IP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295 PAGE 1049

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID (AKUT)	QUAL	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-909	37.0529	80.5111	CR-2	2.8 -	2.1	7.0	0.75 +	0.30	2.52 +	2445.	54.	6.
1991	0000	-910	37.0524	80.5111	CR-2	3.0 -	2.2	7.1	0.75 +	0.32	2.39 +	2550.	56.	8.
1992	0000	-909	37.0518	80.5110	CR-2	3.2 -	2.2	7.5	0.67 +	0.29	2.32 +	2738.	56.	8.
1993	0000	-906	37.0514	80.5110	CR-2	3.6	1.9	8.2	0.54	0.24	2.27	2931.	58.	8.
1994	0000	-907	37.0509	80.5111	CR-2	4.0	1.9	8.7	0.47	0.22	2.16	3161.	58.	9.
1995	0000	-908	37.0504	80.5110	CR-2	4.5	2.1	9.0	0.47	0.24	1.98	3406.	56.	8.
1996	0000	-904	37.0500	80.5110	CR-2	4.9	2.2	8.8	0.45	0.25	1.82	3584.	56.	8.
1997	0000	-904	37.0495	80.5110	CR-2	5.0 +	2.2	9.2	0.44	0.24	1.86	3666.	57.	8.
1998	0000	-905	37.0490	80.5110	CR-2	5.0 +	2.2	9.2	0.44	0.24	1.85	3708.	58.	7.
1999	0000	-903	37.0485	80.5109	CR-2	5.0 +	2.3	9.7 +	0.46	0.24	1.94	3727.	58.	6.
2000	0000	-903	37.0480	80.5109	CR-2	4.9 +	2.8 +	10.0 +	0.56	0.28	2.02	3749.	57.	4.
2001	0000	-902	37.0476	80.5109	CR-2	4.9	3.0 +	9.8 +	0.61	0.30	2.00	3741.	57.	4.
2002	0000	-900	37.0471	80.5109	CR-2	4.7	2.9 +	10.0 +	0.62	0.29	2.12	3674.	60.	3.
2003	0000	-901	37.0466	80.5108	CR-2	4.5	3.0 +	10.0 +	0.67 +	0.30	2.24	3595.	59.	3.
2004	0000	-900	37.0462	80.5108	CR-2	4.4	3.3 ++	9.6 +	0.75 +	0.34 +	2.19	3552.	57.	2.
2005	0000	-901	37.0457	80.5108	CR-2	4.3	3.3 ++	9.5 +	0.76 +	0.35 +	2.19	3523.	56.	2.
2006	0000	-903	37.0452	80.5108	CR-2	4.3	3.3 ++	9.3 +	0.78 +	0.36 +	2.17	3484.	56.	2.
2007	0000	-902	37.0447	80.5108	CR-2	4.2	3.2 +	9.0	0.75 +	0.35 +	2.12	3444.	55.	3.
2008	0000	-900	37.0442	80.5108	CR-2	4.3	2.9 +	9.1	0.67 +	0.32	2.12	3431.	56.	2.
2009	0000	-900	37.0437	80.5108	CR-2	4.4	2.9 +	9.3 +	0.66 +	0.31	2.12	3449.	56.	2.
2010	0000	-899	37.0433	80.5107	CR-2	4.4	2.8 +	9.2	0.63	0.30	2.10	3422.	57.	2.
2011	0000	-900	37.0428	80.5107	CR-2	4.4	2.8 +	9.3 +	0.63	0.30	2.12	3385.	58.	2.
2012	0000	-898	37.0423	80.5107	CR-2	4.3	2.2	9.6 +	0.52	0.23	2.23	3332.	57.	2.
2013	0000	-893	37.0419	80.5107	CR-2	4.3	2.3	9.2	0.54	0.25	2.13	3319.	59.	2.
2014	0000	-895	37.0414	80.5107	CR-2	4.3	2.3	9.6 +	0.53	0.24	2.21	3334.	59.	1.
2015	0000	-897	37.0409	80.5107	CR-2	4.3	2.4	9.3 +	0.56	0.26	2.14	3334.	57.	2.
2016	0000	-896	37.0404	80.5107	CR-2	4.4	2.3	9.3 +	0.53	0.25	2.14	3338.	58.	2.
2017	0000	-895	37.0400	80.5106	CR-2	4.4	2.4	9.0	0.55	0.27	2.04	3368.	55.	2.
2018	0000	-893	37.0395	80.5106	CR-2	4.5	2.4	8.7	0.54	0.28	1.92	3403.	53.	3.
2019	0000	-892	37.0390	80.5106	CR-2	4.6	2.5	8.8	0.54	0.28	1.93	3403.	55.	4.
2020	0000	-892	37.0385	80.5106	CR-2	4.6	2.3	8.8	0.50	0.26	1.80	3398.	56.	5.
2021	0000	-891	37.0381	80.5106	CR-2	4.6	2.2	8.7	0.48	0.25	1.90	3380.	55.	6.
2022	0000	-890	37.0376	80.5106	CR-2	4.5	2.2	8.6	0.49	0.27	1.84	3301.	57.	5.
2023	0000	-891	37.0371	80.5106	CR-2	4.2	2.1	7.8	0.49	0.27	1.85	3171.	59.	5.
2024	0000	-892	37.0366	80.5106	CR-2	4.0	2.1	8.1	0.52	0.26	2.01	3062.	58.	6.
2025	0000	-892	37.0361	80.5105	CR-2	3.8	2.0	8.1	0.52	0.25	2.11	2961.	60.	5.
2026	0000	-891	37.0357	80.5105	CR-2	3.7	1.9	8.0	0.51	0.24	2.14	2905.	60.	4.
2027	0000	-890	37.0352	80.5105	CR-2	3.6	2.0	7.7	0.57	0.27	2.14	2863.	57.	4.
2028	0000	-887	37.0347	80.5104	CR-2	3.6	2.3	7.3	0.65	0.32	2.03	2859.	58.	3.
2029	0000	-886	37.0342	80.5104	CR-2	3.8	2.3	7.9	0.61	0.29	2.11	2960.	55.	4.
2030	0000	-885	37.0338	80.5104	CR-2	4.0	2.4	7.9	0.60	0.30	2.01	3090.	53.	4.
2031	0000	-886	37.0333	80.5104	CR-2	4.2	2.4	7.7	0.56	0.31	1.81	3219.	54.	5.
2032	0000	-886	37.0328	80.5104	CR-2	4.6	2.5	7.7	0.55	0.33	1.69	3375.	52.	6.
2033	0000	-884	37.0323	80.5104	CR-2	4.9	2.7 +	7.3	0.55	0.37 +	1.49 -	3519.	51.	6.
2034	0000	-885	37.0319	80.5104	CR-2	5.2 +	2.8 +	7.9	0.53	0.35 +	1.54 -	3625.	53.	6.
2035	0000	-888	37.0314	80.5104	CR-2	5.3 +	2.4	7.9	0.46	0.31	1.48 -	3700.	53.	7.
2036	0000	-886	37.0309	80.5103	CR-2	5.3 +	2.5	7.7	0.48	0.33	1.45 -	3700.	55.	7.
2037	0000	-884	37.0304	80.5103	CR-2	5.3 +	2.4	7.7	0.46	0.31	1.46 -	3690.	56.	6.
2038	0000	-882	37.0299	80.5103	CR-2	5.2 +	2.5	7.8	0.49	0.32	1.52 -	3654.	55.	5.
2039	0000	-881	37.0295	80.5102	CR-2	5.0 +	2.5	7.7	0.49	0.32	1.52 -	3583.	55.	4.
2040	0000	-880	37.0290	80.5102	CR-2	4.9	2.4	7.8	0.49	0.31	1.60 -	3517.	55.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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ID	TAGS QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-881	37.0285	80.5102	CR-2	4.7	2.4	7.4	0.50	0.32	1.55 -	3462.	56.	3.
2042	0000	-882	37.0280	80.5102	CR-2	4.7	2.7	7.8	0.56	0.34 +	1.64	3459.	57.	1.
2043	0000	-881	37.0276	80.5102	CR-2	4.9	2.7 +	8.1	0.55	0.34 +	1.64	3528.	55.	0.
2044	0000	-878	37.0271	80.5102	CR-2	4.9	3.0 +	8.2	0.61	0.37 +	1.66	3596.	54.	0.
2045	0000	-879	37.0266	80.5102	CR-2	5.0 +	3.0 +	8.6	0.59	0.34 +	1.71	3684.	53.	0.
2046	0000	-878	37.0261	80.5102	CR-2	5.2 +	2.9 +	9.3 +	0.56	0.31	1.79	3793.	54.	0.
2047	0000	-875	37.0257	80.5101	CR-2	5.4 +	2.9 +	10.0 +	0.54	0.29	1.85	3909.	54.	0.
2048	0000	-875	37.0252	80.5101	CR-2	5.5 +	2.8 +	10.9 ++	0.50	0.25	1.99	3996.	52.	0.
2049	0000	-876	37.0247	80.5101	CR-2	5.5 +	2.8	10.6 ++	0.48	0.25	1.93	3993.	50.	0.
2050	0000	-873	37.0242	80.5101	CR-2	5.2 +	2.8 +	10.3 +	0.54	0.28	1.97	3886.	51.	0.
2051	0000	-873	37.0238	80.5101	CR-2	5.1 +	2.9 +	10.1 +	0.56	0.29	1.98	3785.	51.	1.
2052	0000	-874	37.0232	80.5101	CR-2	5.0 +	2.8 +	9.6 +	0.55	0.29	1.91	3715.	53.	2.
2053	0000	-874	37.0228	80.5101	CR-2	4.9	2.8 +	9.2	0.57	0.30	1.89	3636.	55.	2.
2054	0000	-873	37.0223	80.5100	CR-2	4.7	2.8 +	8.8	0.59	0.32	1.86	3549.	55.	3.
2055	0000	-872	37.0218	80.5100	CR-2	4.7	3.0 +	7.5	0.64	0.40 ++	1.60 -	3480.	56.	3.
2056	0000	-871	37.021[illegible]	80.5100	CR-2	4.7	3.2 ++	7.1	0.68 +	0.45 +++	1.50 -	3506.	60.	3.
2057	0000	-869	37.0209	80.5100	CR-2	4.9 +	2.8 +	7.2	0.57	0.40 ++	1.45 -	3551.	59.	4.
2058	0000	-869	37.0204	80.5100	CR-2	5.0 +	2.6	7.1	0.52	0.37 +	1.41 -	3585.	59.	4.
2059	0000	-869	37.0199	80.5100	CR-2	5.1 +	2.6	7.3	0.51	0.35 +	1.44 -	3576.	59.	3.
2060	0000	-868	37.0195	80.5100	CR-2	5.2 +	2.6	6.7 -	0.50	0.38 +	1.31 --	3589.	57.	3.
2061	0000	-869	37.0190	80.5100	CR-2	5.2 +	2.7 +	6.5 -	0.53	0.42 ++	1.25 --	3628.	57.	3.
2062	0000	-867	37.0185	80.5099	CR-2	5.2 +	2.7	6.7 -	0.51	0.40 ++	1.29 --	3681.	56.	3.
2063	0000	-866	37.0180	80.5099	CR-2	5.3 +	2.4	7.4	0.45	0.32	1.40 -	3718.	52.	4.
2064	0000	-867	37.0176	80.5099	CR-2	5.4 +	2.8 +	7.7	0.52	0.36 +	1.44 -	3814.	52.	3.
2065	0000	-866	37.0170	80.5098	CR-2	5.6 +	3.1 +	8.0	0.54	0.38 +	1.43 -	4014.	52.	3.
2066	0000	-865	37.0166	80.5098	CR-2	6.0 ++	3.3 ++	8.7	0.55	0.38 +	1.46 -	4229.	53.	3.
2067	0000	-868	37.0161	80.5098	CR-2	5.8 ++	3.2 ++	9.0	0.56	0.35 +	1.56 -	4142.	53.	3.
2068	0000	-867	37.0156	80.5098	CR-2	5.5 +	3.0 +	8.9	0.55	0.34 +	1.62 -	3977.	53.	3.
2069	0000	-864	37.0152	80.5098	CR-2	5.2 +	2.9 +	9.0	0.55	0.32	1.74	3803.	54.	2.
2070	0000	-863	37.0147	80.5098	CR-2	4.8	3.0 +	9.1	0.62	0.32	1.91	3605.	57.	1.
2071	0000	-864	37.0142	80.5098	CR-2	4.3	2.7	8.9	0.62	0.30	2.07	3346.	56.	1.
2072	0000	-863	37.0137	80.5098	CR-2	3.6	2.3	8.8	0.64	0.26	2.47 +	2942.	56.	0.
2073	0000	-863	37.0133	80.5097	CR-2	2.8 -	2.1	8.1	0.74 +	0.25	2.91 ++	2508.	56.	0.
2074	0000	-862	37.0128	80.5097	CR-1	2.4 ++	2.1	8.6	0.88 -	0.25	3.55	2367.	55.	0.
2075	0000	-862	37.0123	80.5097	CR-1	2.2 +	2.2	9.1 +	1.00	0.24	4.19	2292.	55.	0.
2076	0000	-860	37.0118	80.5097	CR-1	1.9 +	2.4	9.5 +	1.23	0.25	4.92	2199.	53.	0.
2077	0000	-860	37.0114	80.5097	CR-1	1.7	2.4 +	9.1 +	1.46	0.27	5.42	2054.	50.	0.
2078	0000	-859	37.0108	80.5097	CR-1	1.5	2.5 +	9.1 +	1.70	0.28	6.17	1935.	51.	0.
2079	0000	-860	37.0104	80.5097	CR-1	1.4	2.5 +	9.0 +	1.83	0.28	6.59	1862.	52.	0.
2080	0000	-860	37.0099	80.5096	CR-1	1.3	2.6 +	9.2 +	1.99	0.28	7.13	1825.	52.	0.
2081	0000	-859	37.0095	80.5096	CR-1	1.2	2.4 +	8.9 +	1.96	0.27	7.25	1777.	53.	0.
2082	0000	-860	37.0090	80.5096	CR-1	1.1	2.4	8.8 +	2.07	0.27	7.62	1717.	51.	0.
2083	0000	-859	37.0085	80.5096	CR-1	1.1	2.2	8.8 +	2.02	0.25	8.10	1690.	50.	1.
2084	0000	-858	37.0080	80.5095	CR-1	1.1	2.0	8.7 +	1.81	0.23	7.77	1710.	50.	2.
2085	0000	-858	37.0075	80.5095	CR-1	1.2	1.9	9.0 +	1.58	0.21	7.66	1734.	50.	3.
2086	0000	-855	37.0071	80.5095	CR-1	1.2	1.9	8.6	1.51	0.22	6.92	1762.	49.	4.
2087	0000	-855	37.0066	80.5095	CR-1	1.3	1.8	8.8 +	1.41	0.21	6.67	1808.	48.	4.
2088	0000	-855	37.0061	80.5095	CR-1	1.4	1.9	8.5	1.39	0.23	6.07	1863.	47.	5.
2089	0000	-852	37.0056	80.5095	CR-1	1.5	1.9	8.8 +	1.25	0.21	5.84	1924.	49.	6.
2090	0000	-853	37.0052	80.5095	CR-1	1.6	1.9	8.9 +	1.19	0.21	5.57	1964.	49.	6.
2091	0000	-855	37.0047	80.5094	CR-1	1.6	1.8	9.0 +	1.11	0.20 -	5.43	1994.	51.	6.

CP 9 IP 12

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 900, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-852	37.0042	80.5094 CR-1	1.6	2.0	8.6	1.22	0.23	5.22	2012.	52.	6.
2093	0000	-856	37.0037	80.5094 CR-1	1.8	1.9	9.1 +	1.11	0.21	5.22	2041.	53.	6.
2094	0000	-858	37.0033	80.5094 CR-1	1.8 +	1.7	8.6	0.93 -	0.20 -	4.67	2022.	55.	7.
2095	0000	-856	37.0027	80.5094 CR-1	1.9 +	1.6	8.2	0.86 -	0.20 -	4.39	1973.	56.	8.
2096	0000	-858	37.0023	80.5094 CR-1	1.9 +	1.6	8.2	0.86 -	0.20 -	4.39	1973.	56.	8.
2097	0000	-858	37.0018	80.5094 CR-1	1.9 +	1.6	8.2	0.86 -	0.20 -	4.39	1973.	56.	8.
2098	0000	-856	37.0014	80.5094 CR-1	1.9 +	1.6	8.2	0.86 -	0.20 -	4.39	1973.	56.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1	0000	-713	37.0008	80.1798 PCLY-2	1.2	1.6	8.0	1.31	0.20	6.46	1706.	57.	7.
2	0000	-710	37.0014	80.1798 PCLY-2	1.2	1.6	8.0	1.31	0.20	6.46	1706.	57.	7.
3	0000	-706	37.0019	80.1797 PCLY-2	1.2	1.6	8.0	1.31	0.20	6.46	1706.	57.	7.
4	0000	-703	37.0024	80.1796 PCLY-2	1.2	1.6	8.0	1.31	0.20	6.46	1706.	57.	7.
5	0000	-702	37.0029	80.1796 PCLY-2	1.2	1.5	8.0	1.27	0.19	6.76	1702.	56.	9.
6	0000	-705	37.0034	80.1796 PCLY-2	1.2	1.2 -	8.1	1.00	0.14 -	6.94	1650.	56.	11.
7	0000	-707	37.0039	80.1795 PCLY-2	1.2	0.8 --	8.2	0.66 -	0.10 --	6.84	1626.	56.	12.
8	0000	-708	37.0044	80.1794 PCLY-2	1.2	0.6 --	7.8	0.49 -	0.08 --	6.32	1613.	58.	13.
9	0000	-707	37.0050	80.1794 PCLY-2	1.2	0.5 ---	8.1	0.38 --	0.06 ---	6.50	1592.	59.	12.
10	0000	-708	37.0055	80.1793 PCLY-2	1.3	0.5 ---	8.0	0.36 --	0.06 --	6.15	1592.	59.	11.
11	0000	-709	37.0060	80.1792 PCLY-2	1.3	0.8 --	8.1	0.60 -	0.10 --	6.28	1604.	59.	10.
12	0000	-713	37.0065	80.1792 PCLY-2	1.3	0.9 -	8.2	0.68 -	0.11 -	6.21	1596.	56.	8.
13	0000	-717	37.0070	80.1791 PCLY-2	1.3	1.3	7.6	1.04	0.18	5.89	1581.	57.	6.
14	0000	-718	37.0076	80.1791 PCLY-2	1.3	1.7	7.1	1.32	0.23	5.64	1566.	59.	4.
15	0000	-718	37.0081	80.1789 PCLY-2	1.2	1.9	7.4	1.53	0.26 +	5.97	1556.	55.	2.
16	0000	-717	37.0086	80.1789 PCLY-2	1.3	2.0	6.8 -	1.51	0.29 +	5.23	1568.	53.	3.
17	0000	-714	37.0091	80.1789 PCLY-2	1.3	1.8	6.8 -	1.33	0.26 +	5.05	1560.	54.	3.
18	0000	-715	37.0096	80.1788 PCLY-2	1.4	1.4	6.7 -	1.00	0.21	4.76	1527.	55.	4.
19	0000	-718	37.0101	80.1787 PCLY-1	1.4	1.4 +	5.8 +	1.03	0.25	4.13 +	1504.	59.	5.
20	0000	-720	37.0106	80.1787 PCLY-1	1.6	1.2	5.3 +	0.75	0.22	3.39	1514.	59.	6.
21	0000	-720	37.0112	80.1787 PCLY-1	1.7	1.2	4.8	0.73	0.25	2.90	1529.	60.	6.
22	0000	-719	37.0117	80.1786 PCLY-1	1.8 +	1.0	4.4	0.56	0.22	2.50	1545.	62.	6.
23	0000	-718	37.0122	80.1786 PCLY-1	1.9 +	0.9	4.2	0.49	0.22	2.18	1578.	61.	6.
24	0000	-715	37.0127	80.1785 PCLY-1	2.1 ++	0.9	3.4	0.44	0.26	1.66 -	1606.	63.	6.
25	0000	-715	37.0132	80.1784 PCLY-1	2.3 ++	1.0	3.1	0.43	0.32	1.37 --	1646.	60.	6.
26	0000	-714	37.0137	80.1784 PCLY-1	2.3 +++	0.8	3.0 -	0.36 -	0.28	1.30 --	1668.	60.	6.
27	0000	-715	37.0143	80.1784 PCLY-1	2.4 +++	0.7	3.2	0.31 -	0.23	1.34 --	1678.	60.	6.
28	0000	-714	37.0148	80.1782 PCLY-1	2.3 +++	0.5 -	3.2	0.22 --	0.16 -	1.38 --	1658.	57.	6.
29	0000	-712	37.0154	80.1782 PCLY-1	2.3 ++	0.5 -	3.4	0.22 --	0.15 -	1.48 -	1637.	58.	7.
30	0010	-711	37.0159	80.1782 PCLY-1	2.2 ++	0.4 N.A.	3.4	0.17 N.A.	0.11 N.A.	1.54 -	1594.	58.	8.
31	0000	-712	37.0164	80.1781 PCLY-1	2.0 +	0.7	3.6	0.35 -	0.19	1.81 -	1551.	59.	7.
32	0000	-711	37.0169	80.1780 PCLY-1	1.8 +	0.7	3.8	0.39 -	0.19	2.09	1521.	60.	7.
33	0000	-710	37.0174	80.1780 PCLY-1	1.8 +	0.7 -	4.1	0.38 -	0.17 -	2.32	1504.	59.	7.
34	0000	-709	37.0179	80.1779 PCLY-1	1.7	0.8	4.2	0.50	0.20	2.52	1483.	57.	6.
35	0000	-709	37.0184	80.1779 PCLY-1	1.6	1.0	4.1	0.61	0.24	2.52	1462.	58.	5.
36	0000	-709	37.0190	80.1778 PCLY-1	1.6	1.3	3.8	0.80	0.34	2.36	1439.	56.	3.
37	0000	-708	37.0195	80.1777 PCLY-1	1.5	1.6 +	3.6	1.03	0.43 +	2.38	1402.	55.	2.
38	0000	-707	37.0200	80.1777 PCLY-1	1.5	1.4	3.8	0.92	0.36 +	2.53	1385.	51.	2.
39	0000	-706	37.0205	80.1777 PCLY-1	1.5	1.4	3.5	0.96	0.40 +	2.43	1324.	52.	1.
40	0000	-705	37.0210	80.1775 PCLY-1	1.4	1.5 +	3.3	1.05	0.45 +	2.32	1298.	53.	0.
41	0000	-704	37.0215	80.1775 PCLY-1	1.4	1.3	3.3	0.92	0.39 +	2.34	1274.	53.	1.
42	0000	-704	37.0220	80.1775 PCLY-1	1.4	1.3	3.6	0.92	0.37 +	2.52	1282.	52.	1.
43	0000	-704	37.0226	80.1774 PCLY-1	1.5	1.1	3.6	0.76	0.31	2.43	1295.	56.	2.
44	0000	-703	37.0231	80.1773 PCLY-1	1.6	1.0	3.9	0.65	0.26	2.51	1332.	58.	3.
45	0000	-702	37.0236	80.1773 PCLY-1	1.6	1.0	3.8	0.62	0.26	2.34	1352.	60.	4.
46	0000	-704	37.0241	80.1772 PCLY-1	1.6	1.0	3.7	0.59	0.26	2.28	1391.	59.	5.
47	0000	-709	37.0246	80.1772 PCLY-1	1.6	1.0	4.1	0.60	0.24	2.49	1400.	59.	5.
48	0000	-712	37.0252	80.1772 PCLY-1	1.6	1.0	4.5	0.63	0.22	2.81	1416.	60.	5.
49	0000	-711	37.0257	80.1771 PCLY-1	1.6	0.8	4.5	0.50	0.18 -	2.85	1407.	63.	6.
50	0000	-713	37.0262	80.1770 PCLY-1	1.5	0.7 -	4.9	0.44	0.14 -	3.19	1415.	59.	6.
51	0000	-711	37.0267	80.1769 PCLY-1	1.5	0.5 -	4.8	0.36 -	0.11 -	3.16	1385.	59.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1053

* TAGS *					* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
52	0000	-708	37.0272	80.1769 PCLY-1	1.4	0.5 -	4.6	0.36 -	0.11 --	3.25	1367.	59.	7.
53	0000	-708	37.0277	80.1768 PCLY-1	1.4	0.4 -	5.0	0.32 -	0.09 -	3.56	1365.	59.	7.
54	0000	-707	37.0282	80.1768 PCLY-1	1.4	0.4 -	4.8	0.26 -	0.07 --	3.52	1356.	58.	8.
55	0000	-703	37.0288	80.1767 PCLY-1	1.4	0.5 -	4.5	0.35 -	0.11 -	3.29	1326.	60.	7.
56	0000	-700	37.0293	80.1767 PCLY-1	1.4	0.6 -	4.2	0.47	0.15 -	3.07	1313.	55.	7.
57	0000	-701	37.0299	80.1766 PCLY-1	1.4	0.7	3.9	0.53	0.18	2.86	1285.	55.	8.
58	0000	-701	37.0304	80.1765 PCLY-1	1.3	0.9	4.0	0.70	0.23	3.03	1263.	54.	7.
59	0000	-700	37.0309	80.1765 PCLY-1	1.3	1.0	3.8	0.79	0.27	2.88	1234.	55.	7.
60	0000	-698	37.0314	80.1764 PCLY-1	1.3	1.1	3.5	0.82	0.31	2.60	1206.	55.	7.
61	0000	-698	37.0319	80.1764 PCLY-1	1.3	1.1	3.2	0.86	0.34	2.52	1175.	56.	7.
62	0000	-696	37.0324	80.1763 PCLY-1	1.3	1.0	3.4	0.78	0.30	2.62	1175.	54.	7.
63	0000	-694	37.0330	80.1763 PCLY-1	1.3	1.4	3.4	1.08	0.40 +	2.70	1188.	55.	6.
64	0000	-694	37.0335	80.1762 PCLY-1	1.3	1.5 +	3.4	1.15 +	0.43 +	2.67	1186.	57.	5.
65	0000	-696	37.0340	80.1761 PCLY-1	1.3	1.4	3.3	1.12 .	0.43 +	2.62	1208.	57.	4.
66	0000	-696	37.0345	80.1761 PCLY-1	1.3	1.4	3.6	1.11	0.40 +	2.76	1263.	54.	4.
67	0000	-697	37.0350	80.1761 PCLY-1	1.3	1.4	3.7	1.04	0.38 +	2.76	1290.	56.	5.
68	0000	-696	37.0356	80.1760 PCLY-1	1.4	1.4	3.7	0.97	0.37 +	2.65	1325.	55.	7.
69	0000	-698	37.0360	80.1759 PCLY-1	1.4	1.3	3.4	0.93	0.38 +	2.44	1318.	56.	7.
70	0000	-699	37.0366	80.1759 PCLY-1	1.4	0.9	3.5	0.63	0.25	2.53	1304.	55.	9.
71	0000	-700	37.0371	80.1758 PCLY-1	1.4	0.6 -	3.3	0.45	0.19	2.39	1305.	55.	11.
72	0000	-701	37.0376	80.1757 PCLY-1	1.4	0.3 --	3.3	0.22 --	0.10 -	2.31	1313.	54.	13.
73	0010	-703	37.0381	80.1756 PCLY-1	1.4	0.2 N.A.	3.0 -	0.13 N.A.	0.06 N.A.	2.09	1275.	56.	12.
74	0000	-704	37.0386	80.1756 PCLY-1	1.4	0.3 --	2.7 -	0.22 --	0.12 -	1.92 -	1262.	55.	11.
75	0000	-704	37.0392	80.1756 PCLY-1	1.4	0.3 --	2.8 -	0.21 --	0.10 -	1.98	1258.	56.	10.
76	0000	-704	37.0397	80.1755 PCLY-1	1.5	0.3 --	2.8 -	0.22 --	0.11 -	1.92 -	1275.	55.	10.
77	0000	-702	37.0402	80.1755 PCLY-1	1.4	0.3 -	2.7 -	0.24 --	0.13 -	1.87 -	1260.	57.	9.
78	0000	-701	37.0407	80.1754 PCLY-1	1.4	0.5 -	2.7 -	0.37 -	0.19	1.93 -	1245.	56.	8.
79	0000	-700	37.0412	80.1754 PCLY-1	1.4	0.7	2.5 -	0.50	0.28	1.77 -	1231.	57.	8.
80	0000	-700	37.0417	80.1752 PCLY-1	1.5	0.8	2.6 -	0.51	0.29	1.76 -	1239.	56.	8.
81	0000	-698	37.0422	80.1752 PCLY-1	1.5	0.7 -	2.8 -	0.47	0.24	1.91 -	1247.	54.	8.
82	0000	-696	37.0428	80.1752 PCLY-1	1.5	0.5 -	2.9 -	0.33 -	0.18 -	1.89 -	1238.	56.	8.
83	0000	-694	37.0433	80.1751 PCV-1	1.5	0.5	2.9	0.36	0.19	1.94	1244.	56.	9.
84	0000	-692	37.0438	80.1751 PCV-1	1.6	0.6	2.6	0.41	0.25	1.67	1266.	55.	8.
85	0000	-691	37.0443	80.1751 PCV-1	1.7	0.6	2.5	0.36	0.24	1.51	1263.	57.	7.
86	0000	-691	37.0448	80.1751 PCV-1	1.6	0.7	2.4	0.40	0.28	1.44	1257.	57.	6.
87	0000	-691	37.0453	80.1751 PCV-1	1.7	0.7	2.4	0.40	0.29	1.38	1250.	60.	5.
88	0000	-691	37.0459	80.1751 PCV-1	1.7	0.9	2.5	0.52	0.36	1.43	1275.	59.	4.
89	0000	-691	37.0464	80.1751 PCV-1	1.8	1.1	2.4	0.61	0.44 +	1.38	1314.	57.	3.
90	0000	-691	37.0469	80.1751 PCV-1	1.9	1.1	2.3	0.62	0.50 +	1.23	1345.	56.	2.
91	0000	-689	37.0474	80.1750 PCV-1	1.9	1.2 +	2.4	0.64	0.52 +	1.22	1389.	58.	1.
92	0000	-688	37.0479	80.1750 PCV-1	2.0 +	1.2 +	2.5	0.61	0.50 +	1.23	1458.	56.	2.
93	0000	-686	37.0485	80.1750 PCV-1	2.1 +	1.2 +	2.6	0.59	0.48 +	1.23	1515.	57.	2.
94	0000	-684	37.0490	80.1750 PCV-1	2.1 +	1.2	3.0	0.54	0.39	1.39	1557.	56.	2.
95	0000	-682	37.0495	80.1750 PCV-1	2.2 +	0.8	2.7	0.39	0.31	1.25	1546.	58.	3.
96	0000	-682	37.0500	80.1751 PCV-1	2.1 +	0.8	2.8	0.38	0.29	1.31	1526.	58.	3.
97	0000	-684	37.0505	80.1751 PCV-1	2.0 +	0.9	3.0	0.43	0.28	1.51	1493.	59.	4.
98	0000	-686	37.0510	80.1751 PCV-1	1.8	0.7	3.4	0.39	0.21	1.85	1441.	57.	4.
99	0000	-692	37.0515	80.1751 PCV-1	1.6	0.9	4.1	0.55	0.22	2.54	1367.	56.	4.
100	0000	-694	37.0521	80.1751 PCV-1	1.4	1.0	4.2	0.71	0.24	2.91 +	1297.	59.	4.
101	0000	-695	37.0526	80.1751 PCV-1	1.3 -	1.2	4.3	0.95 +	0.28	3.38 +	1241.	58.	3.
102	0000	-695	37.0531	80.1751 PCV-1	1.1 -	1.4 +	4.6	1.19 ++	0.30	4.03 ++	1211.	58.	3.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
103	0000	-695	37.0536	80.1751	PCV-1	1.1 --	1.5 +	4.2	1.40 ++	0.37	3.84 ++	1186.	59.	3.
104	0000	-696	37.0541	80.1750	PCV-1	1.1 --	1.5 +	4.2	1.40 ++	0.36	3.83 ++	1182.	58.	3.
105	0000	-698	37.0547	80.1750	PCV-1	1.2 -	1.4 +	4.0	1.22 ++	0.35	3.43 +	1195.	60.	3.
106	0000	-699	37.0552	80.1750	PCV-1	1.3 -	1.4 +	3.5	1.05 +	0.40	2.60	1222.	61.	3.
107	0000	-698	37.0557	80.1751	PCV-1	1.4	1.4 +	3.3	0.96 +	0.41	2.31	1255.	58.	4.
108	0000	-696	37.0562	80.1751	PCV-1	1.5	1.3 +	3.1	0.86 +	0.41	2.09	1279.	58.	4.
109	0000	-695	37.0567	80.1751	PCV-1	1.6	1.3 +	2.9	0.80 +	0.44 +	1.82	1304.	56.	3.
110	0000	-694	37.0572	80.1751	PCV-1	1.6	1.1	3.1	0.67	0.36	1.88	1314.	55.	3.
111	0000	-692	37.0577	80.1751	PCV-1	1.7	1.0	2.9	0.59	0.34	1.71	1303.	57.	3.
112	0000	-691	37.0583	80.1751	PCV-1	1.7	1.1	2.7	0.65	0.39	1.66	1290.	57.	2.
113	0000	-689	37.0588	80.1751	PCV-1	1.6	0.9	2.9	0.57	0.30	1.86	1255.	58.	2.
114	0000	-688	37.0593	80.1751	PCV-1	1.5	0.8	3.1	0.58	0.28	2.09	1216.	59.	1.
115	0000	-688	37.0598	80.1751	PCV-1	1.4	0.7	3.0	0.51	0.23	2.20	1173.	58.	1.
116	0000	-689	37.0603	80.1751	PCV-1	1.3 -	0.7	2.9	0.54	0.25	2.21	1139.	59.	1.
117	0000	-689	37.0609	80.1750	PCV-1	1.2 -	0.8	2.9	0.64	0.28	2.33	1115.	60.	1.
118	0000	-689	37.0613	80.1751	PCV-1	1.2 -	0.9	2.7	0.72	0.32	2.26	1093.	61.	1.
119	0000	-688	37.0618	80.1751	PCV-1	1.1 -	0.8	2.4	0.73	0.34	2.14	1063.	62.	1.
120	0000	-687	37.0623	80.1751	PCV-1	1.2 -	0.9	2.3	0.76 +	0.38	1.99	1057.	61.	1.
121	0000	-686	37.0629	80.1751	PCV-1	1.2 -	0.8	2.4	0.65	0.33	2.00	1071.	60.	2.
122	0000	-686	37.0634	80.1751	PCV-1	1.3 -	0.7	2.1	0.55	0.35	1.58	1122.	60.	2.
123	0000	-686	37.0639	80.1751	PCV-1	1.4	0.9	2.0	0.65	0.46 +	1.39	1178.	60.	3.
124	0000	-685	37.0644	80.1751	PCV-1	1.6	0.9	1.7 -	0.60	0.53 +	1.12 -	1239.	59.	3.
125	0000	-684	37.0649	80.1751	PCV-1	1.6	0.9	1.8 -	0.59	0.54 +	1.09 -	1271.	60.	3.
126	0000	-682	37.0654	80.1751	PCV-1	1.7	1.0	1.9 -	0.61	0.56 +	1.10 -	1331.	57.	3.
127	0000	-678	37.0660	80.1751	PCV-1	1.8	1.0	1.9 -	0.59	0.55 +	1.06 -	1375.	56.	4.
128	0000	-672	37.0665	80.1751	PCV-1	1.8	1.0	1.7 -	0.57	0.59 +	0.97 -	1390.	56.	4.
129	0000	-668	37.0670	80.1751	PCV-1	1.8	0.9	1.6 -	0.52	0.57 +	0.93 -	1371.	57.	5.
130	0000	-665	37.0675	80.1751	PCV-1	1.7	0.5 -	1.7 -	0.29 -	0.30	1.00 -	1323.	57.	6.
131	0000	-664	37.0680	80.1751	PCV-1	1.7	0.2 ---	1.8 -	0.11 ---	0.10 -	1.07 -	1280.	56.	8.
132	0010	-668	37.0685	80.1751	PCV-1	1.7	0.0 N.A.	1.9 -	0.0 N.A.	0.0 N.A.	1.08 -	1273.	56.	9.
133	0010	-674	37.0690	80.1751	PCV-1	1.8	0.0 N.A.	1.9 -	0.0 N.A.	0.0 N.A.	1.08 -	1287.	59.	11.
134	0010	-677	37.0696	80.1751	PCV-1	1.8	0.0 N.A.	2.1	0.0 N.A.	0.0 N.A.	1.14 -	1301.	58.	12.
135	0010	-679	37.0701	80.1751	PCV-1	1.9	0.0 N.A.	2.5	0.0 N.A.	0.0 N.A.	1.33	1334.	59.	13.
136	0010	-678	37.0706	80.1751	PCV-1	1.8	0.0 N.A.	3.2	0.0 N.A.	0.0 N.A.	1.76	1374.	56.	12.
137	0010	-675	37.0711	80.1751	PCV-1	1.8	0.0 N.A.	3.9	0.0 N.A.	0.0 N.A.	2.22	1413.	58.	10.
138	0000	-673	37.0717	80.1751	PCV-1	1.7	0.2 --	5.2 +	0.14 --	0.05 ---	3.07 +	1464.	59.	8.
139	0000	-672	37.0722	80.1751	PCV-2	1.6 -	0.5 --	6.1 -	0.31 --	0.08 -	3.88	1515.	55.	6.
140	0000	-674	37.0727	80.1751	PCV-2	1.4 -	0.9 -	7.2	0.63	0.13	5.06 +	1537.	53.	4.
141	0000	-676	37.0732	80.1751	PCV-2	1.4 -	1.2	7.5	0.86	0.16	5.48 +	1540.	56.	2.
142	0000	-677	37.0737	80.1751	PCV-2	1.3 --	1.2	7.4	0.93	0.17	5.54 +	1531.	58.	1.
143	0000	-677	37.0742	80.1751	PCV-2	1.3 --	1.2	7.0	0.96	0.18	5.38 +	1495.	58.	1.
144	0000	-678	37.0747	80.1751	PCV-2	1.4 -	1.1	6.4 -	0.81	0.18	4.53	1497.	59.	1.
145	0000	-677	37.0753	80.1751	PCV-1	1.5	1.1	5.4 +	0.73	0.20	3.71 ++	1482.	58.	1.
146	0000	-674	37.0758	80.1751	PCV-1	1.6	0.9	4.8 +	0.58	0.19	2.99 +	1463.	60.	2.
147	0000	-671	37.0763	80.1751	PCV-1	1.7	0.8	3.6	0.51	0.23	2.18	1407.	61.	3.
148	0000	-668	37.0768	80.1751	PCV-1	1.7	0.8	3.1	0.47	0.26	1.83	1381.	59.	4.
149	0000	-660	37.0773	80.1751	PCV-1	1.7	0.9	2.7	0.50	0.32	1.59	1362.	61.	4.
150	0000	-650	37.0779	80.1751	PCV-1	1.8	0.9	2.4	0.52	0.38	1.37	1382.	60.	5.
151	0000	-642	37.0784	80.1751	PCV-1	1.7	0.9	2.3	0.53	0.40	1.33	1369.	58.	6.
152	0000	-642	37.0788	80.1751	PCV-1	1.8	0.9	2.2	0.49	0.40	1.23	1352.	57.	7.
153	0000	-652	37.0793	80.1751	PCV-1	1.7	0.8	1.7 -	0.48	0.48 +	1.00 -	1322.	59.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
154	0000	-664	37.0798	80.1751	PCV-1	1.7	0.9	1.7 -	0.51	0.51 +	1.00 -	1301.	59.	7.
155	0000	-669	37.0804	80.1751	PCV-1	1.7	0.8	1.6 -	0.48	0.50 +	0.98 -	1299.	58.	7.
156	0000	-670	37.0809	80.1751	PCV-1	1.6	0.8	1.5 -	0.51	0.53 +	0.95 -	1283.	56.	7.
157	0000	-673	37.0814	80.1751	PCV-1	1.6	0.9	1.3 -	0.55	0.66 +	0.84 -	1262.	56.	6.
158	0000	-677	37.0819	80.1751	PCV-1	1.5	1.0	1.5 -	0.63	0.64 +	1.00 -	1260.	58.	5.
159	0000	-677	37.0824	80.1751	PCV-1	1.5	1.2	1.4 -	0.81 +	0.86 ++	0.95 -	1255.	58.	5.
160	0000	-674	37.0829	80.1751	PCV-1	1.5	1.2 +	1.7 -	0.82 +	0.73 ++	1.12 -	1282.	56.	4.
161	0000	-673	37.0835	80.1751	PCV-1	1.6	1.4 +	1.8 -	0.87 +	0.76 ++	1.15 -	1334.	55.	4.
162	0000	-671	37.0840	80.1751	PCV-1	1.6	1.3 +	2.1	0.82 +	0.63 +	1.30	1372.	56.	4.
163	0000	-670	37.0845	80.1751	PCV-1	1.7	1.5 +	2.2	0.86 +	0.67 ++	1.27	1442.	56.	3.
164	0000	-670	37.0850	80.1751	PCV-1	1.8	1.4 +	3.0	0.74	0.46 +	1.61	1504.	56.	3.
165	0000	-670	37.0855	80.1751	PCV-1	2.0	1.2 +	3.1	0.64	0.41	1.57	1541.	55.	4.
166	0000	-668	37.0860	80.1751	PCV-1	2.1 +	1.0	3.5	0.48	0.28	1.71	1586.	55.	4.
167	0000	-666	37.0865	80.1751	PCV-1	2.1 +	0.8	3.6	0.40	0.23	1.72	1606.	54.	4.
168	0000	-665	37.0871	80.1751	PCV-1	2.2 +	0.7	3.7	0.33	0.20	1.71	1627.	53.	4.
169	0000	-664	37.0876	80.1751	PCV-1	2.2 +	0.7	3.3	0.31 -	0.21	1.50	1601.	54.	5.
170	0000	-661	37.0881	80.1751	PCV-1	2.2 +	0.7	3.3	0.30 -	0.20	1.49	1574.	54.	5.
171	0000	-659	37.0886	80.1751	PCV-1	2.1 +	0.5 -	3.0	0.23 -	0.16 -	1.41	1541.	52.	5.
172	0000	-657	37.0892	80.1751	PCV-1	2.1 +	0.5	2.8	0.26 -	0.19	1.35	1528.	49.	5.
173	0000	-654	37.0897	80.1751	PCV-1	2.1 +	0.7	2.6	0.34	0.27	1.27	1515.	49.	4.
174	0000	-653	37.0902	80.1751	PCV-1	2.0 +	0.8	2.7	0.39	0.29	1.34	1495.	51.	3.
175	0000	-651	37.0907	80.1751	PCV-1	1.9	1.0	2.9	0.50	0.34	1.47	1509.	52.	2.
176	0000	-648	37.0912	80.1751	PCV-1	1.8	1.1	3.4	0.62	0.33	1.85	1538.	49.	2.
177	0000	-645	37.0917	80.1751	PCV-1	1.9	0.9	3.7	0.49	0.25	1.96	1552.	51.	2.
178	0000	-642	37.0922	80.1751	PCV-1	1.9	1.1	4.1 -	0.56	0.27	2.12	1616.	53.	2.
179	0000	-640	37.0928	80.1751	PCV-1	2.0	1.2	5.2 +	0.61	0.23	2.65	1707.	57.	1.
180	0000	-641	37.0933	80.1751	PCV-1	2.0 +	1.3 +	5.8 +	0.62	0.22	2.83 +	1819.	59.	2.
181	0000	-645	37.0938	80.1751	PCV-2	2.1	1.3	6.9	0.63	0.19	3.28	1941.	60.	2.
182	0000	-652	37.0943	80.1751	PCV-2	2.2	1.2	7.6	0.56	0.16	3.45	2022.	59.	2.
183	0000	-658	37.0948	80.1751	PCV-2	2.3	1.5	8.3	0.64	0.18	3.61	2146.	60.	2.
184	0000	-659	37.0954	80.1751	PCV-2	2.3	1.6	9.6	0.67	0.16	4.10	2264.	57.	2.
185	0000	-657	37.0959	80.1751	PCV-2	2.4	1.7	10.2 +	0.72	0.17	4.26	2327.	55.	2.
186	0000	-655	37.0963	80.1752	PCV-2	2.4	1.6	9.9	0.68	0.16	4.14	2344.	55.	2.
187	0000	-652	37.0968	80.1752	PCV-2	2.4	1.6	9.9	0.66	0.16	4.16	2303.	54.	3.
188	0000	-648	37.0974	80.1751	PCV-2	2.4	1.6	9.1	0.68	0.18	3.85	2273.	53.	3.
189	0000	-645	37.0979	80.1751	PCV-2	2.3	1.4	9.1	0.61	0.16	3.89	2244.	53.	3.
190	0000	-642	37.0984	80.1751	PCV-2	2.4	1.0	8.8	0.43 -	0.12 -	3.71	2183.	55.	4.
191	0000	-640	37.0989	80.1751	PCV-2	2.4	1.0	8.4	0.43 -	0.12	3.54	2133.	56.	3.
192	0000	-638	37.0994	80.1751	PCV-2	2.3	1.0	8.0	0.44 -	0.13	3.48	2095.	55.	3.
193	0000	-638	37.0999	80.1751	PCV-2	2.3	1.0 -	8.1	0.44 -	0.12	3.51	2071.	56.	2.
194	0000	-636	37.1005	80.1751	PCV-2	2.2	0.9 -	8.8	0.40 -	0.10 -	3.91	2070.	56.	2.
195	0000	-634	37.1010	80.1751	PCV-2	2.3	1.0	9.3	0.46 -	0.11 -	4.13	2095.	56.	1.
196	0000	-634	37.1015	80.1751	PCV-2	2.2	1.1	9.7	0.52	0.12 -	4.39	2108.	59.	1.
197	0000	-635	37.1020	80.1752	PCV-2	2.2	1.4	10.2 +	0.65	0.14	4.73	2141.	59.	0.
198	0000	-633	37.1025	80.1752	PCV-2	2.1	1.5	10.5 +	0.71	0.14	4.98 +	2167.	60.	0.
199	0000	-632	37.1030	80.1752	PCV-2	2.1	1.2	11.0 +	0.57	0.11 -	5.23 +	2167.	63.	0.
200	0000	-630	37.1035	80.1752	PCV-2	2.0	1.1	11.1 +	0.57	0.10 -	5.50 +	2127.	63.	0.
201	0000	-629	37.1041	80.1751	PCV-2	2.0	1.3	10.6 +	0.53	0.12	5.26 +	2112.	66.	0.
202	0000	-630	37.1046	80.1751	PCV-2	2.0	1.2	10.3 +	0.61	0.12 -	5.22 +	2054.	65.	0.
203	0000	-631	37.1051	80.1751	PCV-2	2.0	1.2	9.7	0.57	0.12	4.83	2007.	64.	0.
204	0000	-632	37.1056	80.1751	PCV-2	2.0	1.0 -	9.1	0.49	0.11 -	4.54	1958.	63.	0.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1056

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
205	0000	-632	37.1062	80.1751	PCV-2	2.0	0.8 -	8.2	0.38 -	0.09 -	4.03	1873.	64.	2.
206	0000	-632	37.1067	80.1751	PCV-2	2.1	0.9 -	7.0	0.45 -	0.13	3.39	1809.	64.	2.
207	0000	-632	37.1072	80.1751	PCV-2	2.1	0.9 -	6.1 -	0.43 -	0.15	2.91 -	1771.	65.	4.
208	0000	-633	37.1077	80.1752	PCV-1	2.1 +	0.7	5.7 +	0.33	0.12 -	2.73	1743.	64.	6.
209	0000	-632	37.1082	80.1752	PCV-1	2.1 +	0.6	5.4 +	0.26 -	0.10 -	2.55	1715.	64.	8.
210	0000	-633	37.1087	80.1752	PCV-1	2.0 +	0.4 -	5.2 +	0.21 -	0.08 --	2.57	1678.	62.	10.
211	0010	-634	37.1092	80.1752	PCV-1	2.0 +	0.3 N.A.	4.8 +	0.14 N.A.	0.06 N.A.	2.38	1633.	64.	12.
212	0010	-635	37.1098	80.1752	PCV-1	2.0	0.2 N.A.	4.7 +	0.10 N.A.	0.04 N.A.	2.42	1611.	63.	13.
213	0010	-637	37.1103	80.1752	PCV-1	1.9	0.0 N.A.	5.0 +	0.0 N.A.	0.0 N.A.	2.65	1595.	63.	15.
214	0010	-637	37.1108	80.1751	PCV-1	1.8	0.0 N.A.	5.4 +	0.0 N.A.	0.0 N.A.	2.92 +	1601.	61.	15.
215	0010	-637	37.1113	80.1751	PCV-1	1.8	0.0 N.A.	5.2 +	0.0 N.A.	0.0 N.A.	2.90 +	1572.	62.	14.
216	0010	-637	37.1118	80.1751	PCV-1	1.8	0.0 N.A.	5.2 +	0.01 N.A.	0.00 N.A.	2.98 +	1552.	62.	14.
217	0010	-634	37.1124	80.1751	PCV-1	1.7	0.1 N.A.	4.7 +	0.04 N.A.	0.01 N.A.	2.75	1531.	63.	14.
218	0010	-628	37.1129	80.1751	PCV-1	1.6	0.2 N.A.	4.9 +	0.11 N.A.	0.04 N.A.	2.98 +	1531.	60.	13.
219	0010	-625	37.1133	80.1751	PCV-1	1.6	0.3 N.A.	5.2 +	0.17 N.A.	0.05 N.A.	3.18 +	1537.	58.	12.
220	0000	-624	37.1138	80.1751	PCV-1	1.6	0.7	5.7 +	0.46	0.13 -	3.55 ++	1556.	57.	10.
221	0000	-625	37.1143	80.1750	PCV-2	1.6 -	0.7 -	6.2 -	0.45 -	0.12 -	3.89	1568.	57.	9.
222	0000	-624	37.1148	80.1749	PCV-2	1.7 -	0.9 -	6.4 -	0.52	0.14	3.85	1594.	57.	8.
223	0000	-621	37.1153	80.1748	PCV-2	1.6 -	1.1	6.3 -	0.70	0.18	3.84	1612.	58.	6.
224	0000	-619	37.1158	80.1747	PCV-2	1.7 -	1.4	6.7 -	0.81	0.20	4.01	1639.	56.	5.
225	0000	-616	37.1163	80.1747	PCV-2	1.7 -	1.6	6.6 -	0.99	0.25	3.99	1636.	58.	3.
226	0000	-611	37.1168	80.1746	PCV-2	1.6 -	1.9	6.1 -	1.16 +	0.31 +	3.74	1619.	58.	2.
227	0000	-608	37.1173	80.1745	PCV-1	1.7	1.7 +	5.5 +	1.03 +	0.31	3.33 +	1594.	56.	1.
228	0000	-605	37.1178	80.1744	PCV-1	1.7	1.9 ++	4.9 +	1.17 ++	0.39	2.98 +	1560.	57.	1.
229	0000	-601	37.1183	80.1744	PCV-1	1.6	1.8 +	4.7	1.11 +	0.38	2.90 +	1529.	54.	0.
230	0000	-600	37.1188	80.1742	PCV-1	1.7	1.4 +	5.4	0.82 +	0.33	2.51	1513.	53.	1.
231	0000	-600	37.1193	80.1741	PCV-1	1.8	1.2 +	4.0	0.71	0.31	2.30	1487.	53.	0.
232	0000	-603	37.1197	80.1740	PCV-1	1.8	1.0	3.9	0.58	0.27	2.15	1467.	54.	0.
233	0000	-605	37.1202	80.1740	PCV-1	1.8	1.0	3.7	0.58	0.28	2.07	1462.	52.	0.
234	0000	-607	37.1208	80.1739	PCV-1	1.9	1.0	3.4	0.52	0.28	1.85	1458.	54.	1.
235	0000	-612	37.1212	80.1738	PCV-1	1.8	1.0	3.3	0.56	0.31	1.78	1452.	56.	1.
236	0000	-622	37.1217	80.1738	PCV-1	1.9	1.0	3.0	0.54	0.34	1.60	1459.	54.	1.
237	0000	-631	37.1222	80.1737	PCV-1	1.8	1.2	3.1	0.66	0.39	1.71	1458.	54.	1.
238	0000	-637	37.1227	80.1736	PCV-1	1.8	1.2 +	3.0	0.69	0.42 +	1.66	1453.	55.	1.
239	0000	-642	37.1232	80.1735	PCV-1	1.8	1.4 +	2.6	0.76 +	0.52 +	1.44	1455.	52.	2.
240	0000	-644	37.1237	80.1734	PCV-1	1.8	1.3 +	2.6	0.68	0.49 +	1.39	1429.	56.	2.
241	0000	-643	37.1242	80.1733	PCV-1	1.7	1.2	2.4	0.67	0.48 +	1.41	1376.	53.	3.
242	0000	-642	37.1247	80.1732	PCV-1	1.7	1.1	2.1	0.62	0.51 +	1.21 -	1342.	52.	4.
243	0000	-640	37.1252	80.1731	PCV-1	1.7	1.0	2.4	0.61	0.42 +	1.42	1305.	52.	5.
244	0000	-639	37.1257	80.1730	PCV-1	1.7	0.8	2.4	0.46	0.33	1.40	1274.	50.	7.
245	0000	-637	37.1262	80.1730	PCV-1	1.7	0.8	2.3	0.47	0.35	1.35	1261.	49.	8.
246	0000	-635	37.1267	80.1729	PCV-1	1.6	0.6	2.6	0.34	0.21	1.58	1241.	51.	9.
247	0000	-636	37.1271	80.1728	PCV-1	1.6	0.4 -	2.8	0.24	0.14 -	1.73	1266.	48.	10.
248	0010	-638	37.1277	80.1727	PCV-1	1.7	0.2 N.A.	3.3	0.13 N.A.	0.07 N.A.	1.92	1336.	50.	11.
249	0010	-637	37.1282	80.1727	CUN	1.8	0.2 N.A.	3.8 -	0.11 N.A.	0.05 N.A.	2.13 -	1399.	50.	12.
250	0010	-636	37.1286	80.1725	CUN	1.8	0.3 N.A.	3.7 -	0.16 N.A.	0.08 N.A.	2.04 -	1457.	53.	12.
251	0000	-635	37.1291	80.1724	CUN	1.9	0.4 --	3.8 -	0.24 --	0.12 --	2.05 -	1524.	55.	12.
252	0000	-635	37.1296	80.1723	CUN	1.8	0.6 --	4.0 -	0.31 --	0.14 -	2.21 -	1566.	58.	11.
253	0000	-633	37.1301	80.1723	CUN	1.9	0.6 --	4.6 -	0.30 --	0.12 --	2.42 -	1619.	57.	10.
254	0000	-631	37.1306	80.1722	CUN	1.9	0.9 -	4.7 -	0.45 -	0.19	2.43 -	1659.	58.	8.
255	0000	-630	37.1311	80.1721	CUN	1.9	1.3	4.6 -	0.70	0.28	2.45 -	1667.	56.	6.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1057

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
256	0000	-629	37.1316	80.1721	CUN	1.8	1.4	4.7 -	0.74	0.29 +	2.54 -	1666.	56.	5.
257	0000	-627	37.1320	80.1720	CUN	1.7	1.5	5.3	0.86	0.29	3.01	1662.	55.	3.
258	0000	-625	37.1326	80.1719	CUN	1.7	1.7	5.7	1.00	0.30 +	3.39	1656.	55.	2.
259	0000	-623	37.1331	80.1719	CUN	1.7	1.8	6.0	1.06	0.30 +	3.54	1689.	55.	1.
260	0000	-623	37.1335	80.1717	CUN	1.7	2.0	6.0	1.22	0.34 +	3.63	1714.	55.	1.
261	0000	-624	37.1341	80.1716	CUN	1.6	2.1	6.4	1.30 +	0.33 +	3.97	1737.	55.	0.
262	0000	-626	37.1345	80.1715	CUN	1.7	2.0	7.1	1.22	0.28	4.28	1794.	57.	0.
263	0000	-630	37.1351	80.1715	CUN	1.6	2.3 +	7.5	1.42 +	0.31 +	4.56	1869.	57.	0.
264	0000	-634	37.1356	80.1714	CUN	1.7	2.3 +	8.1	1.33 +	0.28	4.76	1959.	58.	0.
265	0000	-634	37.1360	80.1713	CUN	1.8	2.3 +	8.6	1.29	0.27	4.81	2046.	56.	0.
266	0000	-634	37.1366	80.1712	CUN	1.8	2.1	9.2	1.18	0.23	5.07	2083.	55.	1.
267	0000	-634	37.1370	80.1711	CUN	1.9	2.0	9.3	1.09	0.22	4.94	2113.	56.	2.
268	0000	-635	37.1375	80.1711	CUN	1.9	2.1	9.5	1.11	0.22	5.07	2141.	54.	3.
269	0000	-635	37.1380	80.1710	CUN	1.8	2.2	9.4	1.24	0.23	5.29	2098.	55.	4.
270	0000	-635	37.1385	80.1709	CUN	1.7	1.9	9.5	1.09	0.20	5.53	1993.	56.	4.
271	0000	-634	37.1390	80.1707	CUN	1.6	1.8	9.0	1.16	0.20	5.71 +	1860.	57.	4.
272	0000	-635	37.1395	80.1707	CUN	1.4 -	1.7	8.5	1.22	0.20	6.05 +	1721.	57.	5.
273	0000	-636	37.1400	80.1706	CH-1	1.3	1.6	8.2	1.30	0.20	6.55 +	1607.	56.	5.
274	0000	-638	37.1405	80.1705	CH-1	1.1 -	1.6	8.1	1.54 +	0.20	7.59 +	1514.	56.	5.
275	0000	-639	37.1410	80.1704	CH-1	1.0 -	1.5	7.7	1.51 +	0.19	7.92 +	1411.	58.	4.
276	0000	-640	37.1415	80.1704	CH-1	0.9 -	1.3	7.6	1.34	0.17	7.98 +	1378.	57.	4.
277	0000	-640	37.1419	80.1703	CH-1	0.9 -	1.4	6.9	1.54 +	0.21	7.50 +	1401.	57.	4.
278	0000	-641	37.1424	80.1702	CH-1	0.9 -	1.5	7.0	1.59 +	0.21	7.60 +	1418.	58.	4.
279	0000	-642	37.1430	80.1702	CH-1	1.0 -	1.4	7.2	1.44 +	0.19	7.54 +	1454.	60.	4.
280	0000	-644	37.1434	80.1700	CH-1	1.0 -	1.6	7.4	1.55 +	0.21	7.28 +	1516.	61.	4.
281	0000	-644	37.1439	80.1699	CH-1	1.1 -	1.6	7.7	1.48 +	0.21	7.14 +	1590.	60.	4.
282	0000	-644	37.1444	80.1698	CH-1	1.2 -	1.6	8.9 +	1.42 +	0.18	7.70 +	1696.	58.	4.
283	0000	-644	37.1449	80.1698	CH-2	1.2 --	1.9	9.2 --	1.57 +	0.21 +	7.60 +	1763.	60.	4.
284	0000	-645	37.1454	80.1697	CH-2	1.3 -	1.9	9.8	1.51 +	0.20 +	7.71 +	1836.	59.	3.
285	0000	-645	37.1459	80.1696	CH-2	1.4 -	1.9	10.0	1.44 +	0.19 +	7.39 +	1922.	58.	3.
286	0000	-643	37.1464	80.1695	CH-2	1.4 -	2.0 +	10.3	1.42 +	0.19 +	7.37 +	1990.	56.	3.
287	0000	-643	37.1469	80.1694	CH-2	1.4 -	2.1 +	10.4	1.44 +	0.20 +	7.29 +	2047.	54.	3.
288	0000	-645	37.1474	80.1694	CH-2	1.5	2.1 +	10.7 +	1.38 +	0.20 +	6.99 +	2096.	55.	3.
289	0000	-646	37.1479	80.1693	CH-2	1.6	2.3 +	10.3	1.45 +	0.22 +	6.58 -	2129.	58.	3.
290	0000	-646	37.1483	80.1692	CH-2	1.6	2.0 +	10.5	1.24	0.19 +	6.46	2175.	56.	4.
291	0000	-646	37.1488	80.1691	CH-2	1.7	2.0 +	10.7 +	1.20	0.19	6.45	2175.	57.	4.
292	0000	-647	37.1493	80.1690	CH-2	1.7	2.1 +	10.7 +	1.21	0.19	6.31	2182.	58.	4.
293	0000	-648	37.1498	80.1689	CH-2	1.7	2.1 +	10.7 +	1.23	0.19 +	6.31	2160.	60.	4.
294	0000	-648	37.1504	80.1689	CH-2	1.7	1.9	10.6	1.08	0.18	6.09	2143.	62.	5.
295	0000	-648	37.1508	80.1687	CH-2	1.7	1.9	10.2	1.11	0.18	6.11	2115.	59.	5.
296	0000	-649	37.1513	80.1687	CH-2	1.6	1.7	10.0	1.09	0.17	6.27	2070.	59.	7.
297	0000	-649	37.1518	80.1686	CH-2	1.6	1.7	10.0	1.08	0.17	6.20	2056.	61.	7.
298	0000	-649	37.1523	80.1685	CH-2	1.6	1.8	10.2	1.08	0.17	6.22	2070.	62.	9.
299	0000	-649	37.1528	80.1684	CH-2	1.7	1.7	10.1	1.00	0.16	6.07	2065.	60.	10.
300	0000	-649	37.1533	80.1684	CH-2	1.6	1.5	10.3	0.94	0.15	6.27	2090.	60.	10.
301	0000	-651	37.1538	80.1683	CH-2	1.6	1.6	10.2	1.04	0.16	6.50	2107.	62.	12.
302	0000	-651	37.1542	80.1681	CH-2	1.6	1.6	10.9 +	0.96	0.14	6.75	2120.	64.	12.
303	0000	-651	37.1548	80.1681	CH-2	1.7	1.5	10.8 +	0.84	0.13	6.43	2124.	67.	12.
304	0000	-652	37.1553	80.1680	CH-2	1.6	1.4	10.5	0.84	0.13	6.53	2079.	66.	12.
305	0000	-653	37.1557	80.1679	CH-2	1.6	1.2 -	10.1	0.78	0.12 -	6.50	2023.	68.	11.
306	0000	-652	37.1563	80.1679	CH-2	1.5	1.2 -	9.8	0.78	0.12 -	6.44	1983.	67.	10.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1058

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
307	0000	-653	37.1567	80.1677	CH-2	1.5	1.3	9.3 -	0.87	0.14	6.10	1954.	69.	10.
308	0000	-653	37.1572	80.1677	CH-2	1.5	1.3	9.1 --	0.81	0.14	5.90	1918.	69.	9.
309	0000	-654	37.1577	80.1676	CH-1	1.6	1.2	8.3	0.75	0.14 -	5.23	1896.	68.	9.
310	0000	-654	37.1582	80.1675	CCH	1.6	1.4	8.1	0.88	0.17	5.19	1888.	67.	8.
311	0000	-655	37.1587	80.1675	CCH	1.5	1.5	8.1	0.99	0.18	5.40	1878.	69.	7.
312	0000	-655	37.1592	80.1673	CCH	1.5	1.8	8.3	1.18	0.21	5.57	1875.	64.	6.
313	0000	-656	37.1597	80.1672	CCH	1.4	1.7	8.4	1.20	0.21	5.80	1847.	66.	5.
314	0000	-657	37.1602	80.1672	CCH	1.4	1.7	8.2	1.18	0.20	5.76	1806.	65.	4.
315	0000	-657	37.1607	80.1671	CCH	1.4	1.7	8.0	1.19	0.21	5.67	1773.	63.	3.
316	0000	-656	37.1612	80.1670	CCH	1.4	1.8	8.1	1.28	0.22	5.77	1760.	63.	2.
317	0000	-659	37.1617	80.1669	CCH	1.4	1.6	8.4	1.12	0.19	5.83	1772.	62.	2.
318	0000	-659	37.1622	80.1668	CCH	1.5	1.8	8.6	1.19	0.21	5.69	1815.	59.	1.
319	0000	-658	37.1627	80.1668	CCH	1.6	1.8	8.3	1.14	0.22	5.27	1842.	63.	1.
320	0000	-659	37.1631	80.1667	CCH	1.7	1.8	8.6	1.06	0.21	5.10	1894.	64.	1.
321	0000	-660	37.1637	80.1666	CCH	1.7	1.8	9.3	1.03	0.19	5.30	1980.	63.	0.
322	0000	-661	37.1641	80.1664	CCH	1.8	1.8	9.6	1.03	0.19	5.35	2025.	63.	0.
323	0000	-661	37.1646	80.1664	CCH	1.8	1.7	9.7	0.96	0.18	5.45	2030.	63.	0.
324	0000	-661	37.1651	80.1663	CCH	1.8	1.8	9.6	0.97	0.19	5.22	2040.	62.	1.
325	0000	-662	37.1656	80.1662	CCH	1.9	1.6	9.3	0.84	0.17	5.01	2047.	63.	1.
326	0000	-663	37.1661	80.1662	CCH	1.9	1.5	9.6	0.77	0.15	5.06	2064.	62.	2.
327	0000	-663	37.1666	80.1660	CCH	1.9 +	1.5	9.7	0.78	0.15	5.07	2108.	60.	3.
328	0000	-661	37.1671	80.1660	CCH	2.0 +	1.3	9.9	0.66 -	0.13 -	5.05	2097.	63.	4.
329	0000	-661	37.1676	80.1659	CCH	2.0 +	1.2 -	9.8	0.58 -	0.12 -	4.97	2099.	65.	5.
330	0000	-662	37.1681	80.1658	CCH	2.0 +	1.4	9.8	0.71 -	0.14	4.97	2120.	69.	6.
331	0000	-662	37.1686	80.1658	CCH	1.9 +	1.7	9.7	0.90	0.18	5.00	2112.	70.	6.
332	0000	-662	37.1691	80.1657	CCH	1.9	2.0	9.5	1.07	0.21	5.02	2107.	70.	5.
333	0000	-662	37.1694	80.1656	CCH	1.9	1.9	9.3	0.99	0.20	4.93	2097.	71.	4.
334	0000	-663	37.1699	80.1655	CCH	1.8	1.9	9.1	1.05	0.21	5.01	2058.	70.	3.
335	0000	-663	37.1702	80.1654	CCH	1.7	2.1	8.8	1.22	0.23	5.18	2040.	70.	3.
336	0000	-663	37.1706	80.1652	CCH	1.7	2.2 +	9.0	1.31	0.24 +	5.36	2037.	68.	1.
337	0000	-662	37.1710	80.1652	CCH	1.8	2.2 +	9.1	1.25	0.24 +	5.16	2061.	64.	0.
338	0000	-663	37.1713	80.1651	CCH	1.8	1.9	9.4	1.08	0.20	5.26	2071.	62.	0.
339	0000	-664	37.1717	80.1650	CCH	1.9	1.6	9.8	0.86	0.16	5.25	2095.	61.	1.
340	0000	-665	37.1721	80.1649	CCH	1.8	1.6	10.5	0.88	0.16	5.70	2117.	59.	2.
341	0000	-666	37.1725	80.1648	CCH	1.8	1.8	10.6	0.98	0.17	5.75	2139.	59.	2.
342	0000	-667	37.1729	80.1647	CCH	1.9	2.1	10.5	1.14	0.20	5.67	2187.	58.	3.
343	0000	-668	37.1733	80.1646	CCH	1.9	2.0	10.8 +	1.08	0.19	5.75	2211.	58.	4.
344	0000	-671	37.1736	80.1645	CCH	1.8	1.8	10.9 +	0.99	0.16	6.02	2196.	60.	5.
345	0000	-672	37.1740	80.1644	CCH	1.8	1.6	11.1 +	0.91	0.15	6.21	2188.	60.	5.
346	0000	-674	37.1744	80.1644	CCH	1.7	1.7	10.6	1.05	0.16	6.35	2152.	62.	5.
347	0000	-675	37.1748	80.1642	CCH	1.7	2.0	10.2	1.21	0.20	6.16	2122.	64.	4.
348	0000	-676	37.1752	80.1641	CCH	1.6	1.7	10.3	1.08	0.17	6.37	2078.	64.	3.
349	0000	-678	37.1756	80.1640	CCH	1.6	1.5	9.8	0.96	0.16	6.16	1985.	63.	3.
350	0000	-679	37.1759	80.1640	CCH	1.5	1.7	9.0	1.13	0.19	6.00	1904.	65.	2.
351	0000	-680	37.1763	80.1638	CCH	1.4	1.8	8.6	1.27	0.21	6.14	1827.	65.	1.
352	0000	-681	37.1767	80.1638	CCH	1.3	1.9	7.9	1.43	0.24 +	5.93	1752.	66.	1.
353	0000	-682	37.1771	80.1637	CCH	1.3	1.8	7.9	1.38	0.23	6.09	1698.	64.	1.
354	0000	-682	37.1775	80.1636	CCH	1.3	1.6	7.5	1.21	0.21	5.67	1662.	65.	1.
355	0000	-685	37.1779	80.1634	CCH	1.3	1.6	7.0 -	1.25	0.23	5.40	1638.	66.	1.
356	0000	-686	37.1782	80.1634	CCH	1.3	1.5	7.3	1.09	0.20	5.47	1627.	67.	1.
357	0000	-688	37.1786	80.1633	CCH	1.4	1.2 -	7.4	0.88	0.17	5.29	1630.	67.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1059

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
358	0000	-689	37.1790	80.1632	CCH	1.4	1.5	7.1 -	1:07	0.21	5.01	1647.	66.	1.
359	0000	-689	37.1794	80.1631	CCH	1.4	1.5	7.1 -	1.06	0.21	4.95	1674.	67.	2.
360	0000	-690	37.1798	80.1630	CCH	1.5	1.4	7.6	0.94	0.18	5.14	1714.	68.	2.
361	0000	-691	37.1802	80.1629	CCH	1.4	1.4	8.1	0.97	0.17	5.74	1750.	66.	2.
362	0000	-691	37.1805	80.1628	CCH	1.5	1.4	8.6	0.90	0.16	5.65	1785.	66.	2.
363	0000	-691	37.1809	80.1627	CCH	1.6	1.3	8.4	0.80	0.15	5.32	1831.	67.	3.
364	0000	-692	37.1813	80.1626	CCH	1.6	1.2 -	8.8	0.74	0.14 -	5.40	1862.	67.	5.
365	0000	-691	37.1817	80.1626	CCH	1.6	0.8 -	9.2	0.51 -	0.09 --	5.63	1889.	68.	7.
366	0000	-693	37.1821	80.1624	CCH	1.6	0.8 --	9.3	0.48 -	0.08 --	5.79	1907.	68.	8.
367	0000	-694	37.1824	80.1623	CCH	1.7	0.8 -	9.0	0.49 -	0.09 --	5.45	1905.	69.	9.
368	0000	-692	37.1828	80.1622	CCH	1.7	0.8 -	9.0	0.47 -	0.09 --	5.20	1936.	68.	11.
369	0000	-693	37.1832	80.1622	CCH	1.7	0.7 --	9.0	0.40 -	0.08 --	5.24	1960.	69.	12.
370	0000	-695	37.1835	80.1620	CCH	1.7	0.9 -	9.6	0.53 -	0.09 --	5.69	1987.	69.	12.
371	0000	-696	37.1839	80.1620	CCH	1.6	1.2 -	9.6	0.70 -	0.12 -	5.86	2018.	69.	11.
372	0000	-695	37.1844	80.1618	CCH	1.6	1.3	9.6	0.79	0.13 -	5.91	2017.	68.	10.
373	0000	-695	37.1847	80.1618	CCH	1.6	1.5	10.1	0.91	0.15	6.29	2030.	67.	9.
374	0000	-694	37.1851	80.1616	CCH	1.6	1.6	10.0	1.00	0.16	6.31	2032.	66.	8.
375	0000	-694	37.1855	80.1616	CCH	1.5	1.8	9.5	1.16	0.19	6.16	1973.	68.	6.
376	0000	-695	37.1858	80.1615	CCH	1.5	2.1	9.2	1.44	0.23	6.20	1926.	68.	5.
377	0000	-695	37.1862	80.1614	CCH	1.4	2.3 +	9.0	1.59 +	0.26 +	6.23	1892.	68.	3.
378	0000	-694	37.1866	80.1612	CCH	1.4	2.3 +	9.0	1.63 +	0.25 +	6.54	1840.	68.	3.
379	0000	-694	37.1870	80.1612	CCH	1.4	2.3 +	9.3	1.68 +	0.25 +	6.75	1817.	69.	1.
380	0000	-693	37.1874	80.1611	CCH	1.4	2.3 +	9.3	1.62 +	0.25 +	6.61	1826.	69.	1.
381	0000	-693	37.1878	80.1610	CCH	1.4	2.5 +	9.7	1.76 +	0.26 +	6.84	1849.	68.	0.
382	0000	-694	37.1881	80.1609	CCH	1.5	2.3 +	10.3	1.59 +	0.23	7.03	1913.	68.	0.
383	0000	-694	37.1885	80.1608	CCH	1.6	2.2 +	10.3	1.41	0.21	6.59	1988.	67.	0.
384	0000	-695	37.1889	80.1608	CCH	1.7	2.2 +	10.9 +	1.29	0.20	6.48	2080.	66.	0.
385	0000	-694	37.1893	80.1606	CCH	1.9	2.1	11.2 +	1.13	0.19	6.05	2172.	67.	1.
386	0000	-693	37.1897	80.1605	CCH	2.0 +	1.9	11.5 +	0.95	0.17	5.66	2263.	66.	1.
387	0000	-694	37.1901	80.1604	CCH	2.1 +	1.9	11.4 +	0.89	0.17	5.32	2315.	67.	2.
388	0000	-693	37.1904	80.1604	CCH	2.2 +	1.9	11.3 +	0.89	0.17	5.21	2361.	68.	2.
389	0000	-691	37.1908	80.1602	CCH	2.2 +	1.9	11.0 +	0.87	0.17	5.00	2365.	68.	2.
390	0000	-691	37.1912	80.1602	CCH	2.2 +	1.9	11.4 +	0.85	0.17	5.10	2357.	65.	2.
391	0000	-692	37.1916	80.1600	CCH	2.2 +	1.7	10.6	0.79	0.16	4.80	2296.	66.	2.
392	0000	-695	37.1920	80.1600	CCH	2.1 +	1.8	10.5	0.83	0.17	4.89	2251.	63.	2.
393	0000	-695	37.1924	80.1598	CCH	2.0 +	1.9	10.2	0.92	0.18	5.00	2202.	64.	1.
394	0000	-696	37.1927	80.1598	CCH	2.0 +	1.8	10.1	0.90	0.17	5.15	2134.	63.	1.
395	0000	-697	37.1931	80.1597	CCH	1.9	1.6	10.0	0.87	0.16	5.35	2056.	65.	0.
396	0000	-696	37.1935	80.1595	CCH	1.8	1.6	10.0	0.91	0.16	5.62	1997.	65.	0.
397	0000	-697	37.1939	80.1596	CCH	1.7	1.7	9.8	1.00	0.17	5.92	1948.	66.	0.
398	0000	-696	37.1943	80.1596	CCH	1.6	1.6	10.0	1.01	0.16	6.31	1900.	65.	0.
399	0000	-696	37.1948	80.1596	CCH	1.5	1.7	9.5	1.09	0.18	6.16	1847.	67.	1.
400	0000	-696	37.1952	80.1596	CCH	1.4	1.6	9.2	1.08	0.17	6.40	1770.	66.	1.
401	0000	-695	37.1956	80.1596	CCH	1.4	1.6	8.6	1.17	0.19	6.12	1715.	64.	1.
402	0000	-698	37.1960	80.1597	CCH	1.4	1.7	8.3	1.28	0.21	6.08	1681.	62.	1.
403	0000	-701	37.1965	80.1597	CCH	1.3	1.7	8.1	1.30	0.20	6.41	1647.	62.	2.
404	0000	-700	37.1969	80.1597	CCH	1.2 -	1.7	7.6	1.39	0.22	6.28	1601.	65.	3.
405	0000	-699	37.1974	80.1596	CCH	1.2 -	1.6	7.4	1.38	0.21	6.42	1570.	68.	3.
406	0000	-699	37.1978	80.1596	CCH	1.1 -	1.4	8.1	1.23	0.17	7.10	1566.	67.	4.
407	0000	-698	37.1982	80.1596	CCH	1.1 -	1.4	8.2	1.26	0.17	7.27	1577.	68.	5.
408	0000	-698	37.1986	80.1597	CCH	1.1 -	1.4	8.5	1.24	0.16	7.79 +	1588.	71.	6.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1060

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
409	0000	-698	37.1990	80.1597	CCH	1.1 -	1.3	8.4	1.12	0.15	7.48	1576.	73.	7.
410	0000	-698	37.1995	80.1597	CCH	1.2 -	1.1 -	8.4	0.95	0.13 -	7.28	580.	75.	7.
411	0000	-699	37.1999	80.1597	CCH	1.2 -	0.9 -	8.9	0.75	0.10 -	7.32	600.	72.	7.
412	0000	-697	37.2003	80.1597	CCH	1.3	1.0 -	8.8	0.80	0.12 -	6.81	1635.	72.	7.
413	0000	-696	37.2007	80.1597	CCH	1.3	1.0 -	8.8	0.75	0.11 -	6.79	1655.	71.	7.
414	0000	-697	37.2012	80.1597	CCH	1.3	1.1 -	8.8	0.86	0.13 -	6.70	1670.	70.	6.
415	0000	-697	37.2016	80.1597	CCH	1.3	1.4	8.7	1.05	0.16	6.69	1668.	68.	5.
416	0000	-696	37.2021	80.1597	CCH	1.3	1.3	9.1	1.02	0.14 -	7.21	1679.	67.	4.
417	0000	-696	37.2025	80.1597	CCH	1.2	1.7	8.9	1.41	0.19	7.25	1691.	67.	4.
418	0000	-696	37.2029	80.1597	CCH	1.1 -	2.0	8.4	1.77 +	0.24	7.47	1707.	67.	4.
419	0000	-694	37.2033	80.1597	CCH	1.1 -	2.3 +	8.6	2.15 ++	0.26 +	8.17 +	1732.	66.	3.
420	0000	-695	37.2038	80.1598	CCH	1.0 -	2.4 +	8.3	2.28 ++	0.29 +	7.99 +	1738.	66.	4.
421	0000	-696	37.2042	80.1598	CCH	1.0 -	2.5 +	8.2	2.46 +++	0.31 ++	7.93 +	1778.	65.	3.
422	0000	-694	37.2046	80.1598	CCH	1.1 -	2.3 +	8.5	2.14 ++	0.27 +	7.98 +	1814.	65.	3.
423	0000	-693	37.2050	80.1598	CCH	1.1 -	2.3 +	8.5	2.06 ++	0.28 +	7.46	1854.	63.	3.
424	0000	-693	37.2055	80.1598	CCH	1.2	2.1 +	8.8	1.73 +	0.24 +	7.11	1864.	59.	2.
425	0000	-693	37.2059	80.1598	CCH	1.3	2.0	9.6	1.49	0.20	7.34	1856.	61.	2.
426	0000	-692	37.2063	80.1598	CCH	1.4	1.8	9.8	1.29	0.18	7.03	1842.	60.	1.
427	0000	-692	37.2068	80.1598	CCH	1.4	1.7	10.2	1.21	0.17	7.09	1842.	60.	0.
428	0000	-692	37.2072	80.1598	CCH	1.6	1.3	10.8 +	0.84	0.12 -	6.98	1844.	62.	0.
429	0000	-693	37.2076	80.1598	CCH	1.5	1.4	11.4 +	0.92	0.12 -	7.44	1855.	65.	0.
430	0000	-694	37.2080	80.1598	CCH	1.6	1.6	11.4 +	1.00	0.14 -	7.32	1858.	63.	0.
431	0000	-693	37.2085	80.1599	CCH	1.6	1.6	12.2 +	1.02	0.14 -	7.57	1904.	64.	0.
432	0000	-692	37.2089	80.1599	CCH	1.7	1.6	12.6 ++	0.96	0.13 -	7.53	1957.	60.	0.
433	0000	-692	37.2094	80.1599	CCH	1.8	1.6	13.0 ++	0.92	0.13 -	7.30	2022.	59.	0.
434	0000	-693	37.2098	80.1599	CCH	1.8	1.8	13.3 ++	1.02	0.14 -	7.39	2074.	58.	0.
435	1000	-692	37.2102	80.1598	CCH	1.8	2.1	13.6 ++	1.19	0.16	7.64 +	2124.	57.	0.
436	1000	-694	37.2106	80.1598	CCH	1.9	2.4 +	13.6 ++	1.29	0.18	7.25	2159.	53.	0.
437	1000	-693	37.2110	80.1599	CCH	1.8	2.5 +	13.2 ++	1.41	0.19	7.36	2178.	55.	1.
438	1000	-693	37.2115	80.1599	CCH	1.7	2.6 +	13.0 ++	1.47	0.20	7.45	2173.	57.	1.
439	1000	-693	37.2119	80.1599	CCH	1.7	2.4 +	12.8 ++	1.42	0.19	7.43	2163.	59.	2.
440	1000	-692	37.2123	80.1599	CCH	1.6	2.4 +	12.5 ++	1.52	0.19	7.96 +	2086.	60.	3.
441	1000	-692	37.2127	80.1599	CCH	1.5	2.3 +	12.2 +	1.59	0.19	8.32 +	2027.	58.	4.
442	1000	-693	37.2132	80.1599	CCH	1.4	2.0	11.7 +	1.47	0.17	8.50 +	1923.	57.	4.
443	1000	-692	37.2136	80.1599	CCH	1.2	1.7	11.3 +	1.37	0.15	9.09 +	1848.	58.	4.
444	1000	-692	37.2141	80.1599	CCH	1.2	1.4	11.4 +	1.17	0.13 -	9.24 +	1776.	58.	4.
445	1000	-692	37.2145	80.1599	CCH	1.1 -	1.5	11.1 +	1.36	0.14 -	9.84 ++	1727.	57.	4.
446	0000	-690	37.2149	80.1599	CCH	1.0 -	1.9	10.5	1.82 +	0.18	10.12 ++	1686.	57.	3.
447	0000	-693	37.2153	80.1599	CCH	1.0 -	1.9	10.5	1.90 +	0.18	10.41 ++	1666.	56.	2.
448	0000	-694	37.2157	80.1599	CCH	1.0 -	2.0	10.0	2.02 ++	0.20	9.99 ++	1634.	56.	1.
449	0000	-692	37.2162	80.1600	CCH	1.0 -	2.1 +	9.7	2.14 ++	0.22	9.70 ++	1638.	56.	1.
450	0000	-692	37.2166	80.1600	CCH	1.0 -	2.2 +	9.6	2.19 ++	0.23	9.37 ++	1644.	56.	1.
451	0000	-691	37.2170	80.1600	CCH	1.0 -	2.1 +	10.0	2.07 ++	0.21	9.68 ++	1663.	57.	0.
452	0000	-692	37.2174	80.1600	CCH	1.2 -	2.1	9.8	1.72 +	0.21	8.15 +	1722.	56.	1.
453	0000	-692	37.2179	80.1600	CCH	1.3	2.3 +	9.5	1.73 +	0.25 +	7.03	1793.	58.	1.
454	0000	-691	37.2183	80.1600	CCH	1.4	2.4 +	9.6	1.66 +	0.25 +	6.75	1869.	58.	1.
455	0000	-691	37.2188	80.1600	CCH	1.5	2.4 +	10.0	1.58	0.24 +	6.56	1946.	59.	1.
456	0000	-693	37.2192	80.1600	CCH	1.6	2.6 +	9.7	1.61 +	0.27 +	6.01	1989.	60.	1.
457	0000	-692	37.2196	80.1600	CCH	1.7	2.6 ++	9.4	1.55	0.28 +	5.62	2022.	59.	1.
458	0000	-691	37.2200	80.1600	CCH	1.7	2.7 ++	9.1	1.53	0.29 ++	5.22	2067.	57.	1.
459	0000	-692	37.2204	80.1600	CCH	1.8	2.5 +	9.0	1.39	0.28 +	5.00	2049.	58.	1.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
460	0000	-693	37.2209	80.1601	CCH	1.8	2.3 +-	9.5	1.31	0.24 +	5.38	2026.	55.	1.
461	0000	-694	37.2213	80.1601	CCH	1.8	2.4 +	8.6	1.36	0.29 +	4.78	2030.	53.	1.
462	0000	-695	37.2218	80.1601	CCH	1.9	2.2 +	8.4	1.17	0.26 +	4.52	2042.	55.	1.
463	0000	-695	37.2222	80.1601	CR-1	1.9 +	2.2	8.9 +	1.16	0.25	4.62	2104.	54.	0.
464	0000	-695	37.2226	80.1601	CR-1	2.0 +	2.0	9.3 +	1.01	0.22	4.67	2145.	57.	0.
465	0000	-697	37.2230	80.1600	CR-1	2.0 +	2.3	9.1 +	1.13	0.25	4.48	2191.	60.	0.
466	0000	-698	37.2235	80.1602	CR-1	2.0 +	2.5 +	9.0 +	1.23	0.27	4.51	2219.	58.	1.
467	0000	-698	37.2239	80.1602	CR-1	2.0 +	2.3	8.6	1.17	0.27	4.36	2177.	59.	1.
468	0000	-698	37.2243	80.1602	CR-1	1.9 +	1.9	8.9 +	1.01	0.22	4.63	2117.	60.	2.
469	0000	-698	37.2247	80.1601	CR-1	1.9 +	2.1	8.3	1.13	0.26	4.42	2089.	57.	3.
470	0000	-698	37.2252	80.1601	CR-1	1.8	2.3	8.0	1.30	0.29	4.43	2054.	57.	3.
471	0000	-699	37.2256	80.1601	CR-1	1.8	2.5 +	7.3	1.39	0.34	4.12	2053.	52.	4.
472	0000	-698	37.2260	80.1602	CR-1	1.8	2.4 +	7.1	1.33	0.34	3.88	2062.	50.	5.
473	0000	-697	37.2265	80.1602	CR-1	1.9 +	2.7 +	6.5	1.41	0.41	3.46	2083.	49.	5.
474	0000	-697	37.2269	80.1602	CR-1	2.1 +	2.7 +	6.7	1.26	0.40	3.16 -	2186.	49.	5.
475	0000	-698	37.2273	80.1602	CR-1	2.4 ++	2.8 +	6.6	1.18	0.43 +	2.74 -	2318.	48.	5.
476	0000	-698	37.2277	80.1602	CR-2	2.5 --	2.8 +	6.7 -	1.12 +++	0.42 ++	2.67 +	2408.	50.	5.
477	0000	-698	37.2282	80.1602	CR-2	2.7 -	2.7	6.2 -	0.99 ++	0.43 ++	2.30 +	2495.	51.	5.
478	0000	-698	37.2286	80.1602	CR-2	3.1 -	2.6	6.7 -	0.86 ++	0.40 ++	2.18	2628.	55.	5.
479	0000	-699	37.2290	80.1602	CR-2	3.4 -	2.4	6.8 -	0.72 +	0.36 +	1.99	2768.	55.	5.
480	0000	-698	37.2295	80.1602	CR-2	3.6	2.1	7.6	0.58	0.28	2.10	2902.	57.	6.
481	0000	-700	37.2299	80.1602	CR-2	3.7	2.2	7.4	0.58	0.29	1.98	2984.	57.	7.
482	0000	-701	37.2303	80.1602	CR-2	3.8	2.2	7.6	0.59	0.29	2.01	3044.	59.	8.
483	0000	-700	37.2307	80.1602	CR-2	4.0	2.1	7.9	0.52	0.26	1.99	3124.	56.	9.
484	0000	-701	37.2312	80.1603	CR-2	4.2	2.1	8.4	0.50	0.25	2.00	3198.	56.	9.
485	0000	-701	37.2316	80.1603	CR-2	4.2	2.1	8.2	0.51	0.26	1.98	3224.	53.	11.
486	0000	-700	37.2320	80.1603	CR-2	4.1	2.1	8.4	0.53	0.26	2.06	3198.	52.	11.
487	0000	-701	37.2324	80.1603	CR-2	4.0	2.1	8.3	0.52	0.25	2.05	3197.	51.	11.
488	0000	-702	37.2329	80.1603	CR-2	4.1	2.2	8.9	0.54	0.25	2.16	3259.	51.	10.
489	0000	-701	37.2333	80.1603	CR-2	4.2	2.3	8.7	0.55	0.27	2.08	3296.	49.	9.
490	0000	-703	37.2338	80.1603	CR-2	4.2	2.6	8.6	0.62	0.31	2.03	3311.	48.	8.
491	0000	-703	37.2342	80.1603	CR-2	4.2	2.6	8.7	0.62	0.30	2.08	3331.	49.	8.
492	0000	-703	37.2346	80.1603	CR-2	4.2	2.6	8.1	0.62	0.32	1.91	3324.	51.	8.
493	0000	-705	37.2350	80.1603	CR-2	4.3	2.5	8.4	0.57	0.30	1.93	3345.	51.	8.
494	0000	-703	37.2355	80.1603	CR-2	4.3	2.6	7.8	0.60	0.33 +	1.81	3325.	53.	8.
495	0000	-703	37.2359	80.1604	CR-2	4.2	2.4	7.6	0.57	0.32	1.80	3237.	52.	10.
496	0000	-705	37.2363	80.1604	CR-2	4.0	2.3	7.8	0.56	0.29	1.94	3163.	52.	10.
497	0000	-706	37.2367	80.1604	CR-2	4.0	2.0	7.7	0.51	0.26	1.93	3115.	53.	12.
498	0000	-705	37.2372	80.1604	CR-2	3.9	1.7	7.5	0.44	0.22	1.95	3051.	53.	13.
499	0000	-705	37.2376	80.1603	CR-2	3.7	1.8	7.7	0.48	0.23	2.06	3024.	53.	13.
500	0000	-706	37.2380	80.1603	CE	3.6 +	2.0	7.4	0.55 -	0.27	2.04 -	2989.	52.	13.
501	0000	-706	37.2385	80.1604	CE	3.6 +	1.7	7.6	0.48 -	0.23 -	2.15	2976.	48.	14.
502	0000	-707	37.2389	80.1604	CE	3.6 +	1.5	7.5	0.41 -	0.20 -	2.08 -	2979.	50.	14.
503	0000	-707	37.2393	80.1604	CE	3.7 +	1.3	7.1	0.37 -	0.19 -	1.94 -	2985.	50.	14.
504	0000	-707	37.2397	80.1604	CE	3.6 +	1.6	6.7	0.44 -	0.24	1.85 -	2955.	49.	14.
505	0000	-707	37.2402	80.1604	CE	3.6 +	1.7	6.6	0.47 -	0.26	1.83 -	2947.	46.	12.
506	0000	-709	37.2406	80.1604	CE	3.6 +	1.5	6.7	0.43 -	0.23	1.86 -	2944.	46.	12.
507	0000	-709	37.2410	80.1604	CE	3.5 +	1.6	6.3	0.46 -	0.25	1.80 -	2900.	47.	10.
508	0000	-709	37.2414	80.1604	CE	3.4 +	1.9	6.3	0.57 -	0.31	1.84 -	2846.	48.	9.
509	0000	-709	37.2419	80.1604	CE	3.3 +	2.0	6.3	0.60 -	0.31	1.92 -	2804.	48.	8.
510	0000	-7	37.2423	80.1604	CE	3.2 +	2.3	6.6	0.71	0.34	2.06 -	2769.	49.	7.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920; DAY 295 PAGE 1062

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES						*		*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK,UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
511	0000	-710	37.2427	80.1604	CE	3.1	2.3	7.1	0.75	0.33	2.32	2734.	48.	7.
512	0000	-710	37.2432	80.1604	CE	2.9	2.5 +	7.5	0.87	0.34	2.58	2662.	49.	7.
513	0000	-711	37.2436	80.1605	CE	2.7	2.8 +	7.8	1.02	0.36	2.88	2574.	49.	7.
514	0000	-712	37.2440	80.1605	CE	2.6	2.6 +	8.3 +	1.00	0.32	3.18	2526.	46.	7.
515	0000	-713	37.2444	80.1605	CE	2.5	2.5	8.2 +	1.00	0.30	3.30	2460.	47.	9.
516	0000	-714	37.2449	80.1605	CE	2.4	2.6 +	8.3 +	1.12	0.32	3.51	2398.	45.	9.
517	0000	-715	37.2453	80.1605	CE	2.3	2.4	8.3 +	1.05	0.29	3.60	2356.	45.	10.
518	0000	-714	37.2457	80.1606	CE	2.3	2.2	7.9	0.96	0.28	3.44	2318.	47.	11.
519	0000	-714	37.2462	80.1606	CE	2.3	2.4	7.8	1.07	0.33	3.22	2280.	47.	12.
520	0000	-716	37.2466	80.1606	CE	2.3	2.1	6.8	0.92	0.30	3.01	2227.	45.	12.
521	0000	-718	37.2470	80.1606	CE	2.2	2.0	5.5	0.93	0.31	2.96	2178.	47.	13.
522	0000	-718	37.2474	80.1606	CE	2.2	2.3	5.1	1.05	0.35	2.73	2193.	45.	11.
523	0000	-719	37.2479	80.1606	CE	2.4	2.4	5.8	1.02	0.42 +	2.45	2228.	43.	10.
524	0000	-720	37.2483	80.1606	CE	2.4	2.8 +	5.9	1.15	0.47 +	2.44	2290.	45.	9.
525	0000	-721	37.2487	80.1606	CE	2.5	3.0 +	6.5	1.18	0.45 +	2.59	2372.	44.	8.
526	0000	-721	37.2491	80.1606	CE	2.8	2.6 +	6.9	0.95	0.38	2.49	2476.	45.	8.
527	0000	-722	37.2496	80.1606	CE	2.9	2.8 +	7.0	0.95	0.39	2.42	2562.	47.	7.
528	0000	-722	37.2500	80.1606	CE	3.1	2.8 +	6.6	0.90	0.42 +	2.17	2642.	46.	8.
529	0000	-723	37.2505	80.1606	CE	3.2 +	2.4	7.3	0.73	0.32	2.25	2714.	47.	8.
530	0000	-724	37.2509	80.1607	CE	3.3 +	2.3	7.3	0.68	0.31	2.20	2771.	50.	9.
531	0000	-724	37.2513	80.1607	CE	3.4 +	2.1	7.3	0.62	0.28	2.15	2783.	47.	9.
532	0000	-723	37.2517	80.1606	CE	3.5 +	1.9	7.0	0.55 -	0.27	2.03 -	2813.	47.	9.
533	0000	-724	37.2521	80.1606	CE	3.5 +	1.9	7.0	0.55 -	0.28	1.99 -	2853.	47.	8.
534	0000	-725	37.2526	80.1606	CE	3.6 +	1.9	7.3	0.54 -	0.27	2.01 -	2909.	46.	8.
535	0000	-727	37.2530	80.1606	CE	3.8 +	2.0	7.8	0.54 -	0.26	2.08 -	2981.	46.	7.
536	0000	-727	37.2534	80.1607	CE	3.8 +	2.2	7.5	0.57 -	0.29	1.95 -	3021.	46.	7.
537	0000	-727	37.2538	80.1607	CE	3.8 +	2.1	7.6	0.56 -	0.28	1.99 -	2995.	46.	6.
538	0000	-729	37.2543	80.1607	CE	3.7 +	2.1	7.3	0.57 -	0.29	1.95 -	2939.	49.	5.
539	0000	-729	37.2547	80.1607	CE	3.6 +	2.3	7.2	0.63	0.32	1.99 -	2835.	49.	4.
540	0000	-729	37.2552	80.1607	CE	3.4 +	2.3	7.0	0.68	0.33	2.08 -	2679.	49.	4.
541	0000	-730	37.2556	80.1607	CE	3.0	2.3	6.3	0.75	0.36	2.07 -	2514.	47.	5.
542	0000	-730	37.2560	80.1607	CE	2.7	2.0	6.1	0.74	0.33	2.23	2319.	48.	5.
543	0000	-732	37.2564	80.1607	CE	2.4	1.8	5.8	0.75	0.31	2.40	2150.	48.	7.
544	0000	-734	37.2569	80.1607	CE	2.2	1.9	5.4	0.90	0.36	2.52	2031.	44.	7.
545	0000	-732	37.2573	80.1607	CE	2.1	1.8	5.3	0.87	0.34	2.57	1949.	44.	9.
546	0000	-732	37.2577	80.1607	CE	2.0	1.6	5.2	0.82	0.31	2.68	1909.	42.	9.
547	0000	-735	37.2582	80.1608	CE	1.9	1.6	5.1	0.81	0.31	2.65	1906.	43.	10.
548	0000	-736	37.2586	80.1608	CE	1.9	1.7	5.4	0.85	0.31	2.77	1924.	46.	10.
549	0000	-737	37.2590	80.1608	CE	2.0	1.8	5.4	0.93	0.34	2.75	1950.	45.	9.
550	0000	-737	37.2594	80.1608	CE	2.0	1.9	5.7	0.96	0.33	2.90	1965.	48.	8.
551	0000	-737	37.2599	80.1608	CE	2.0	2.1	5.6	1.06	0.38	2.81	1988.	51.	7.
552	0000	-738	37.2603	80.1608	CE	1.9	2.5 +	5.4	1.31	0.47 +	2.79	2016.	51.	5.
553	0000	-737	37.2607	80.1608	CE	1.9	2.7 +	5.4	1.42	0.51 +	2.79	2020.	55.	4.
554	0000	-737	37.2612	80.1608	CE	1.8	2.7 +	6.0	1.49	0.46 +	3.23	2011.	54.	3.
555	0000	-737	37.2616	80.1608	CE	1.9	2.6 +	6.3	1.40	0.42 +	3.38	2020.	52.	2.
556	0000	-738	37.2620	80.1608	CE	1.8	2.8 +	6.4	1.56	0.43 +	3.60	2018.	52.	2.
557	0000	-738	37.2625	80.1608	CE	1.7	2.8 +	6.5	1.68	0.44 +	3.85	1978.	51.	2.
558	0000	-738	37.2628	80.1608	CE	1.6	2.5 +	7.1	1.62	0.36	4.54	1919.	50.	3.
559	0000	-738	37.2633	80.1609	CE	1.5	2.1	7.5	1.45	0.28	5.10	1826.	49.	4.
560	0000	-741	37.2637	80.1609	CE	1.3	1.8	7.2	1.37	0.24	5.66	1732.	47.	6.
561	0000	-744	37.2641	80.1609	CE	1.2	1.9	6.8	1.51	0.27	5.91	1659.	47.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
562	0000	-743	37.2646	80.1608	CE	1.0	2.0	6.4	2.01 +	0.31	6.39 +	1575.	46.	9.
563	0000	-743	37.2650	80.1608	CE	0.9	1.8	6.5	1.96 +	0.28	7.06 +	1516.	48.	9.
564	0000	-744	37.2655	80.1608	CE	0.9	1.8	6.9	1.99 +	0.26	7.71 +	1505.	49.	9.
565	0000	-745	37.2659	80.1609	CE	0.9	1.7	6.6	1.92	0.26	7.27 +	1485.	51.	9.
566	0000	-743	37.2663	80.1609	CE	0.9	1.9	6.5	2.25 +	0.30	7.54 +	1505.	50.	9.
567	0000	-742	37.2667	80.1609	DCH	0.9	2.2	6.7	2.43	0.32	7.56	1531.	50.	9.
568	0000	-741	37.2672	80.1609	DCH	0.9	2.1	6.8	2.21	0.31	7.13	1545.	50.	9.
569	0000	-735	37.2676	80.1609	DCH	1.0	1.9	7.0	1.90	0.27	7.06	1562.	50.	9.
570	0000	-729	37.2680	80.1609	DCH	1.0	1.7	7.1	1.70	0.24	7.11	1561.	50.	10.
571	0000	-732	37.2684	80.1610	DCH	0.9	1.5	6.9	1.67	0.22	7.53	1503.	51.	12.
572	0000	-743	37.2687	80.1611	DCH	0.9	1.4 -	6.9	1.60	0.20	8.05	1454.	50.	13.
573	0000	-751	37.2691	80.1611	DCH	0.9	1.1 -	7.3	1.31 -	0.15 -	8.48	1408.	50.	13.
574	0000	-753	37.2695	80.1612	DCH	0.8	0.8 -	7.6	0.99 -	0.11 ---	9.30	1370.	48.	13.
575	0000	-754	37.2698	80.1613	DCH	0.8	0.7 --	7.9	0.85 --	0.08 ---	10.21	1322.	48.	13.
576	0000	-752	37.2702	80.1613	DCH	0.7	0.7 --	7.9	1.02 -	0.09 ---	11.90	1274.	49.	13.
577	0000	-752	37.2706	80.1614	DCH	0.6 -	0.8 -	8.1	1.29 -	0.09 ---	13.97 +	1248.	48.	12.
578	0000	-752	37.2709	80.1615	DCH	0.6 -	0.9 -	8.1	1.62	0.11 ---	14.21 +	1266.	46.	10.
579	0000	-750	37.2712	80.1616	DCH	0.6 -	1.2 -	8.3	2.09	0.14 --	14.59 +	1291.	44.	8.
580	0000	-752	37.2717	80.1617	DCH	0.5 -	1.7	8.0	3.21	0.21	15.14 +	1306.	43.	7.
581	0000	-752	37.2720	80.1617	DCH	0.5 -	1.9	8.1	3.54 +	0.23	15.13 +	1317.	46.	5.
582	0000	-751	37.2724	80.1618	DCH	0.5 -	2.0	7.9	3.79 +	0.25	15.28 +	1323.	47.	4.
583	0000	-752	37.2727	80.1619	DCH	0.5 -	2.1	7.8	4.29 +	0.27	15.79 +	1318.	47.	2.
584	0000	-754	37.2731	80.1620	DCH	0.5 -	2.4	7.2	4.70 +	0.33 +	14.28 +	1306.	47.	1.
585	0000	-756	37.2734	80.1620	DCH	0.5 -	2.5	7.1	4.91 +	0.35 +	14.04 +	1285.	47.	1.
586	0000	-756	37.2738	80.1621	DCH	0.5 -	2.5	6.9	5.12 ++	0.37 +	14.01 +	1268.	47.	1.
587	0000	-756	37.2742	80.1622	DCH	0.5 -	2.5	6.8	5.33 ++	0.36 +	14.66 +	1244.	46.	1.
588	0000	-758	37.2745	80.1623	DCH	0.4 -	2.5	6.2	5.71 ++	0.40 +	14.44 +	1212.	45.	1.
589	0000	-759	37.2749	80.1624	DCH	0.4 -	2.7 +	6.1	6.80 ++	0.45 ++	15.13 +	1203.	43.	1.
590	0000	-759	37.2753	80.1625	DCH	0.4 -	2.6	6.1	6.38 ++	0.42 +	15.06 +	1183.	43.	1.
591	0000	-762	37.2756	80.1625	DCH	0.4 -	2.5	6.0	6.89 ++	0.42 +	16.44 +	1160.	42.	2.
592	0000	-763	37.2760	80.1626	DCH	0.4 -	2.3	5.9	6.49 ++	0.39 +	16.57 +	1147.	41.	3.
593	0000	-762	37.2764	80.1627	DCH	0.3 -	2.3	5.9	6.72 ++	0.38 +	17.57 +	1121.	42.	3.
594	0000	-761	37.2767	80.1627	DCH	0.3 -	1.9	5.6	5.54 ++	0.34 +	16.43 +	1092.	43.	4.
595	0000	-762	37.2771	80.1628	DCH	0.3 -	1.9	5.6	5.79 ++	0.35 +	16.56 +	1087.	42.	5.
596	0000	-763	37.2775	80.1628	DCH	0.3 -	1.6	5.6	4.48 +	0.28	15.98 +	1060.	45.	6.
597	0000	-765	37.2778	80.1630	DCH	0.4 -	1.6	5.4 -	4.51 +	0.30	15.20 +	1056.	46.	7.
598	0000	-766	37.2782	80.1631	DCH	0.4 -	1.7	5.5	4.23 +	0.31	13.54 +	1068.	47.	7.
599	0000	-766	37.2785	80.1631	DCH	0.4 -	1.8	5.3 -	3.95 +	0.33 +	12.01	1103.	49.	8.
600	0000	-767	37.2789	80.1632	DCH	0.5 -	1.6	5.8	3.10	0.28	11.04	1183.	49.	9.
601	0000	-769	37.2792	80.1633	DCH	0.6	1.6	6.2	2.60	0.26	9.84	1278.	50.	8.
602	0000	-769	37.2796	80.1633	DCH	0.7	1.7	6.8	2.49	0.25	9.87	1368.	52.	9.
603	0000	-769	37.2800	80.1634	DCH	0.8	2.2	7.3	2.81	0.30	9.42	1490.	50.	8.
604	0000	-770	37.2803	80.1635	DCH	0.9	2.1	8.0	2.39	0.26	9.33	1591.	49.	8.
605	0000	-770	37.2807	80.1636	DCH	0.9	2.0	8.5	2.10	0.23	9.05	1665.	48.	8.
606	0000	-772	37.2811	80.1637	DCH	0.9	2.0	9.0	2.13	0.22	9.52	1688.	47.	6.
607	0000	-772	37.2814	80.1638	DCH	0.9	2.4	8.9	2.60	0.27	9.73	1670.	48.	5.
608	0000	-773	37.2818	80.1638	DCH	0.9	2.3	9.1	2.66	0.25	10.58	1638.	49.	5.
609	0000	-773	37.2822	80.1639	DCH	0.9	2.3	8.8	2.62	0.26	10.17	1598.	49.	4.
610	0000	-773	37.2825	80.1639	DCH	0.8	2.2	8.4	2.72	0.26	10.61	1545.	48.	4.
611	0000	-774	37.2829	80.1640	DCH	0.8	2.3	7.6	3.07	0.31	9.96	1514.	51.	4.
612	0000	-774	37.2833	80.1641	DCH	0.8	2.1	7.6	2.77	0.28	9.96	1494.	52.	4.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*	
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
613	0000	-775	37.2836	80.1642	DCH	0.8	2.1	7.2	2.47	0.28	8.69	1515.	52.	6.
614	0000	-776	37.2839	80.1643	DCH	0.9	2.0	7.0	2.30	0.28	8.17	1549.	50.	6.
615	0000	-777	37.2843	80.1644	DCH	0.9	2.1	7.2	2.33	0.29	8.16	1580.	49.	7.
616	0000	-777	37.2847	80.1644	DCH	0.9	2.2	7.3	2.51	0.30	8.42	1604.	49.	7.
617	0000	-778	37.2850	80.1645	DCH	0.9	2.0	7.9	2.21	0.25	8.84	1608.	51.	7.
618	0000	-778	37.2855	80.1646	DCH	0.9	2.0	7.9	2.31	0.25	9.19	1576.	48.	7.
619	0000	-778	37.2858	80.1646	DCH	0.8	2.1	7.8	2.68	0.27	9.79	1543.	48.	6.
620	0000	-778	37.2861	80.1647	DCH	0.7	2.2	7.8	3.15	0.29	10.91	1487.	49.	4.
621	0000	-778	37.2865	80.1647	DCH	0.7	2.1	7.6	3.15	0.28	11.36	1406.	51.	5.
622	0000	-779	37.2869	80.1649	DCH	0.6	2.0	6.8	3.41 +	0.30	11.40	1321.	52.	3.
623	0000	-779	37.2872	80.1650	DCH	0.6 -	2.0	6.6	3.49 +	0.30	11.47	1254.	51.	3.
624	0000	-780	37.2876	80.1650	DCH	0.6	1.9	6.0	3.25	0.32	10.01	1195.	52.	3.
625	0000	-780	37.2880	80.1651	DCH	0.6	1.9	5.8	3.13	0.32	9.85	1163.	53.	3.
626	0000	-779	37.2883	80.1652	DCH	0.6 -	2.0	5.3 -	3.57 +	0.37 +	9.58	1125.	54.	3.
627	0000	-779	37.2887	80.1652	DCH	0.6 -	1.8	5.1 -	3.29	0.36 +	9.20	1086.	54.	2.
628	0000	-776	37.2891	80.1653	DCH	0.5 -	1.8	5.1 -	3.44 +	0.36 +	9.49	1065.	52.	2.
629	0000	-776	37.2894	80.1654	DCH	0.6 -	1.7	5.1 -	3.04	0.34 +	8.89	1025.	53.	3.
630	0000	-781	37.2898	80.1655	DCH	0.5 -	1.4 -	4.7 -	2.73	0.29	9.27	969.	52.	4.
631	0000	-784	37.2902	80.1656	DCH	0.4 -	1.4	4.1 -	3.30	0.35 +	9.56	909.	49.	4.
632	0000	-785	37.2905	80.1657	DCH	0.4 -	1.2 -	3.8 -	2.69	0.30	8.91	851.	49.	5.
633	0000	-786	37.2908	80.1657	DCH	0.4 -	1.0 -	3.8 -	2.49	0.26	9.59	791.	49.	5.
634	0000	-786	37.2912	80.1658	DCH	0.3 -	1.0 -	3.5 -	3.01	0.27	11.01	741.	49.	6.
635	0000	-786	37.2916	80.1658	DCH	0.3 -	0.7 --	3.4 -	2.47	0.22	11.26	698.	51.	7.
636	0000	-787	37.2920	80.1659	DCH	0.3 -	0.7 --	3.4 -	2.83	0.21	13.28 +	703.	50.	7.
637	0000	-788	37.2924	80.1660	DCH	0.3 -	0.8 -	3.4 -	3.03	0.23	13.02 +	706.	51.	7.
638	0000	-788	37.2927	80.1660	DCH	0.3 -	0.7 --	3.4 -	2.50	0.20	12.27	720.	52.	8.
639	0000	-788	37.2930	80.1661	DCH	0.2 -	0.8 -	3.5 -	3.61 +	0.24	15.03 +	730.	52.	8.
640	0000	-788	37.2934	80.1663	DCH	0.2 -	0.6 --	3.3 -	2.56	0.19 -	13.35 +	727.	53.	10.
641	0000	-789	37.2938	80.1663	DCH	0.2 -	0.6 --	3.2 -	2.63	0.20	12.89 +	729.	53.	11.
642	0000	-789	37.2941	80.1664	DCH	0.3 -	0.6 --	3.2 -	2.46	0.20	12.22	732.	51.	11.
643	0000	-790	37.2945	80.1665	DCH	0.2 -	0.7 --	2.6 --	2.87	0.27	10.65	709.	51.	12.
644	0000	-790	37.2949	80.1665	DCH	0.3 -	0.7 --	2.7 --	2.36	0.25	9.50	707.	50.	13.
645	0000	-790	37.2952	80.1666	DCH	0.3 -	0.6 --	2.9 -	2.31	0.22	10.72	693.	50.	13.
646	0000	-789	37.2956	80.1667	DCH	0.3 -	0.4 --	3.1 -	1.33 -	0.12 --	10.76	690.	51.	14.
647	0000	-791	37.2960	80.1668	DCH	0.3 -	0.4 --	3.2 -	1.67	0.14 --	12.05	698.	48.	13.
648	0010	-793	37.2963	80.1668	DCH	0.3 -	0.3 N.A.	3.5 -	1.06 N.A.	0.09 N.A.	11.82	711.	47.	14.
649	0010	-792	37.2967	80.1669	DCH	0.3 -	0.2 N.A.	3.3 -	0.63 N.A.	0.06 N.A.	10.96	711.	49.	14.
650	0010	-793	37.2970	80.1671	DCH	0.3 -	0.3 N.A.	3.7 -	0.80 N.A.	0.07 N.A.	11.69	754.	47.	13.
651	0000	-793	37.2974	80.1671	DCH	0.3 -	0.3 --	4.1 -	1.01 -	0.08 ---	13.36 +	776.	51.	12.
652	0000	-792	37.2977	80.1672	DCH	0.3 -	0.4 --	4.4 -	1.30 -	0.09 ---	13.81 +	812.	50.	10.
653	0000	-794	37.2982	80.1672	DCH	0.3 -	0.8 -	4.4 -	2.57	0.18 -	14.32 +	831.	51.	9.
654	0000	-796	37.2985	80.1673	DCH	0.3 -	0.9 -	4.9 -	2.49	0.17 -	14.24 +	874.	51.	8.
655	0000	-796	37.2989	80.1674	DCH	0.3 -	0.9 -	5.3 -	2.84	0.18 -	15.99 +	904.	52.	7.
656	0000	-796	37.2992	80.1674	DCH	0.3 -	1.2 -	6.1	3.51 +	0.20	17.79 +	962.	49.	5.
657	0000	-796	37.2996	80.1676	DCH	0.4 -	1.2 -	6.3	3.33	0.20	16.93 +	993.	54.	5.
658	0000	-797	37.2999	80.1676	DCH	0.4 -	1.3 -	6.6	3.31	0.20	16.25 +	1060.	53.	4.
659	0000	-797	37.3003	80.1677	DCH	0.4 -	1.4	7.0	3.48 +	0.20	17.25 +	1122.	51.	4.
660	0000	-798	37.3007	80.1677	DCH	0.5 -	1.3 -	7.3	2.91	0.18 -	15.92 +	1192.	52.	4.
661	0000	-799	37.3010	80.1679	DCH	0.5 -	1.4 -	7.5	2.85	0.18 -	15.77 +	1212.	53.	5.
662	0000	-799	37.3014	80.1679	DCH	0.5 -	1.3 -	7.2	2.77	0.19 -	14.77 +	1203.	51.	6.
663	0000	-800	37.3018	80.1680	DCH	0.5 -	1.3 -	6.6	2.82	0.19 -	14.74 +	1167.	53.	7.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS *						* VALUES AND STATISTICAL SIGNIFICANCES *								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
664	0000	-800	37.3021	80.1680	DCH	0.4 -	1.0 -	6.4	2.60	0.16 -	15.90 +	1108.	52.	9.
665	0000	-800	37.3025	80.1681	DCH	0.4 -	0.9 -	5.9	2.47	0.16 -	15.65 +	1033.	49.	10.
666	0000	-800	37.3029	80.1682	DCH	0.4 -	0.8 -	5.3 -	2.00	0.14 --	14.04 +	956.	50.	11.
667	0000	-801	37.3032	80.1683	DCH	0.4 -	0.7 --	5.1 -	2.01	0.14 --	14.01 +	900.	50.	11.
668	0000	-802	37.3035	80.1684	DB-2	0.4 --	0.7 --	4.8 --	1.96	0.14 --	13.59 ++	892.	52.	11.
669	0000	-803	37.3040	80.1685	DB-2	0.4 --	0.7 --	5.0 --	1.84	0.15 --	12.55 +	933.	52.	10.
670	0000	-802	37.3043	80.1685	DB-2	0.5 -	0.9 --	5.0 --	1.88	0.17 -	10.92 +	989.	52.	9.
671	0000	-802	37.3047	80.1686	DB-2	0.5 -	1.0 --	5.4 -	1.97	0.19 -	10.51 +	1050.	53.	8.
672	0000	-803	37.3051	80.1687	DB-2	0.5 -	1.0 --	6.2 -	1.97	0.17 -	11.70 +	1106.	57.	7.
673	0000	-804	37.3054	80.1687	DB-2	0.6 -	1.1 -	6.6 -	2.01	0.17 -	11.55 +	1161.	58.	6.
674	0000	-804	37.3057	80.1688	DB-2	0.6 -	1.1 -	6.6 -	1.94	0.17 -	11.62 +	1187.	60.	6.
675	0000	-803	37.3061	80.1690	DB-2	0.6 -	1.2 -	6.6 -	2.14	0.19 -	11.45 +	1225.	59.	5.
676	0000	-803	37.3065	80.1690	DB-2	0.6 -	1.3 -	6.8	2.03	0.19 -	10.97 +	1241.	62.	6.
677	0000	-805	37.3068	80.1691	DB-2	0.6 -	1.1 --	7.0	1.72	0.15 --	11.40 +	1243.	64.	7.
678	0000	-805	37.3072	80.1691	DB-2	0.7 -	1.1 --	6.7	1.60	0.16 -	10.13 +	1239.	66.	8.
679	0000	-805	37.3076	80.1692	DB-2	0.7 -	1.1 --	6.4 -	1.50	0.17 -	8.96	1234.	66.	9.
680	0000	-805	37.3079	80.1693	DB-2	0.7 -	1.1 -	6.3 -	1.45	0.17 -	8.41	1240.	66.	9.
681	0000	-807	37.3083	80.1693	DB-2	0.8 -	1.1 --	6.6 -	1.42	0.16 -	8.69	1247.	67.	8.
682	0000	-807	37.3087	80.1694	DB-2	0.8 -	1.1 -	6.7 -	1.48	0.17 -	8.84	1243.	67.	8.
683	0000	-806	37.3090	80.1696	DB-2	0.7 -	1.2 -	6.7	1.68	0.19 -	9.03	1255.	63.	6.
684	0000	-809	37.3094	80.1696	DB-2	0.8 -	1.3 -	6.7	1.73	0.20	8.61	1272.	65.	5.
685	0000	-809	37.3098	80.1697	DB-2	0.8 -	1.4 -	7.3	1.82	0.19 -	9.43	1317.	61.	4.
686	0000	-809	37.3101	80.1698	DB-2	0.8 -	1.5 -	6.9	1.93	0.22	8.76	1349.	62.	3.
687	0000	-810	37.3104	80.1698	DB-2	0.8	1.6 -	7.2	1.91	0.22	8.76	1387.	62.	2.
688	0000	-812	37.3109	80.1699	DB-2	0.8	1.7	7.6	1.98	0.22	9.08	1440.	59.	2.
689	0000	-813	37.3112	80.1699	DB-2	0.9	1.7	7.8	1.89	0.22	8.75	1491.	58.	1.
690	0000	-813	37.3116	80.1700	DB-2	0.9	1.9	8.2	2.11	0.23	9.09	1556.	59.	1.
691	0000	-812	37.3120	80.1701	DLMU-2	0.9 -	2.0	8.8	2.11	0.22	9.45 +	1617.	58.	2.
692	0000	-810	37.3123	80.1702	DLMU-2	1.0 -	2.1	9.0	2.16	0.24	9.17 +	1682.	55.	1.
693	0000	-813	37.3127	80.1703	DLMU-2	1.0 -	2.4	9.5 +	2.43 +	0.26	9.51 +	1754.	53.	1.
694	0000	-814	37.3130	80.1704	DLMU-2	1.0 -	2.7 +	10.2 ++	2.78 +	0.27	10.40 ++	1833.	51.	1.
695	0000	-814	37.3134	80.1704	DLMU-2	1.1	2.9 +	10.2 ++	2.71 +	0.28	9.63 +	1907.	54.	1.
696	0000	-814	37.3137	80.1705	DLMU-2	1.1	3.1 +	10.6 ++	2.77 +	0.30	9.36 +	1981.	55.	1.
697	0000	-813	37.3141	80.1706	DLMU-2	1.2	3.4 +	10.6 ++	2.87 +	0.32	8.99 +	2018.	54.	1.
698	0000	-812	37.3145	80.1707	DLMU-2	1.2	3.7 ++	10.6 ++	3.12 ++	0.35 +	9.03 +	2057.	55.	0.
699	0000	-813	37.3148	80.1707	DLMU-2	1.2	3.7 ++	10.3 ++	3.05 +	0.36 +	8.47 +	2060.	57.	1.
700	0000	-815	37.3152	80.1707	DLMU-2	1.3	3.4 +	10.8 ++	2.65 +	0.31	8.53 +	2087.	57.	1.
701	0000	-814	37.3156	80.1709	DLMU-2	1.3	3.2 +	10.6 ++	2.37 +	0.30	7.96	2087.	59.	2.
702	0000	-814	37.3159	80.1710	DLMU-2	1.3	3.1 +	10.9 ++	2.30 +	0.28	8.15 +	2066.	56.	3.
703	0000	-816	37.3163	80.1710	DLMU-2	1.3	2.8 +	10.6 ++	2.13	0.26	8.18 +	2003.	56.	4.
704	0000	-815	37.3167	80.1711	DLMU-2	1.3	2.4	10.4 ++	1.89	0.23	8.11	1957.	54.	5.
705	0000	-816	37.3170	80.1712	DLMU-2	1.2	2.0	10.1 +	1.64	0.20 -	8.12	1898.	53.	6.
706	0000	-816	37.3174	80.1713	DLMU-2	1.2	1.8	10.4 ++	1.51	0.17 -	8.90 +	1844.	52.	7.
707	0000	-816	37.3178	80.1713	STC-2	1.1 +	1.7	9.8 ++	1.53 -	0.17 -	8.98	1776.	52.	8.
708	0000	-816	37.3181	80.1714	STC-2	1.1 +	1.4	9.2 ++	1.31 -	0.15 -	8.69	1707.	49.	9.
709	0000	-815	37.3184	80.1715	STC-2	1.0 +	1.3	8.8 ++	1.29 -	0.15 -	8.78	1657.	51.	10.
710	0000	-814	37.3188	80.1716	STC-2	1.0 +	1.4	8.4 ++	1.40 -	0.16 -	8.64	1643.	49.	11.
711	0000	-815	37.3192	80.1717	STC-2	1.0 +	1.1	8.4 +	1.15 -	0.13 -	8.74	1617.	50.	12.
712	0000	-816	37.3195	80.1717	STC-2	0.9 +	1.2	8.0 +	1.26 -	0.15 -	8.52	1593.	50.	12.
713	0000	-816	37.3199	80.1718	STC-2	0.9 +	1.2	7.6 +	1.32 -	0.16 -	8.18	1567.	51.	12.
714	0000	-816	37.3203	80.1719	STC-2	0.9 +	1.5	7.3 +	1.67 -	0.21	8.07	1544.	49.	11.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
715	0000	-816	37.3206	80.1720	STC-2	0.8	1.7	7.6 +	2.12	0.23	9.28	1518.	51.	10.
716	0000	-816	37.3210	80.1720	OMUU	0.8	2.0 +	7.1	2.49	0.28	8.76	1502.	48.	8.
717	0000	-816	37.3214	80.1721	OMUU	0.8	1.8	7.4	2.39	0.25	9.67	1453.	49.	7.
718	0000	-815	37.3217	80.1722	OMUU	0.7	2.1 +	7.5 +	2.99	0.27	10.87	1409.	49.	5.
719	0000	-815	37.3221	80.1723	OMUU	0.6	2.1 +	7.7 +	3.31	0.27	12.08	1380.	48.	4.
720	0000	-817	37.3225	80.1723	OMUU	0.6	2.3 +	7.6 +	4.10 +	0.30	13.72 +	1346.	46.	4.
721	0000	-816	37.3228	80.1724	OMUU	0.5	2.1 +	7.6 +	4.12 +	0.28	14.97 +	1304.	49.	4.
722	0000	-816	37.3232	80.1725	OMUU	0.5	2.3 +	7.0	4.56 +	0.33	13.81 +	1282.	48.	3.
723	0000	-817	37.3235	80.1725	OMUU	0.4	2.1 +	6.6	4.74 +	0.32	14.62 +	1230.	51.	4.
724	0000	-817	37.3239	80.1726	OMUU	0.4	2.2 +	6.1	5.01 +	0.35	14.13 +	1185.	51.	6.
725	0000	-817	37.3243	80.1727	OMUU	0.4	2.0 +	5.4	4.84 +	0.37	13.26 +	1122.	52.	7.
726	0000	-819	37.3246	80.1728	OMUU	0.4	1.8	4.7	4.68 +	0.38 +	12.36 +	1024.	55.	8.
727	0000	-821	37.3251	80.1728	OMUU	0.4	1.5	4.3	4.03 +	0.34	11.74	948.	56.	8.
728	0000	-821	37.3255	80.1728	OMUU	0.3 -	1.3	3.6 -	4.29 +	0.37	11.65	864.	54.	8.
729	0000	-820	37.3259	80.1727	OMUU	0.2 -	1.1	3.3 -	4.79 +	0.34	14.12 +	766.	54.	7.
730	0000	-821	37.3264	80.1727	OMUU	0.2 -	1.2	2.9 -	6.42 +	0.40 +	15.89 +	693.	53.	6.
731	0000	-821	37.3268	80.1727	OMUU	0.1 --	1.2	2.4 -	9.86 ++	0.51 +	19.31 ++	639.	52.	6.
732	0000	-820	37.3272	80.1727	OMUU	0.1 --	1.2	2.1 -	10.72 ++	0.56 ++	18.97 ++	604.	49.	5.
733	0000	-821	37.3277	80.1727	OMUU	0.1 --	1.2	2.1 -	10.46 ++	0.56 ++	18.53 ++	595.	47.	4.
734	0000	-822	37.3281	80.1727	OMUU	0.1 --	1.3	1.9 -	10.65 ++	0.70 ++	15.13 +	582.	50.	3.
735	0000	-822	37.3285	80.1727	OMUU	0.1 --	1.3	1.9 -	9.46 ++	0.70 ++	13.51 +	577.	49.	3.
736	0000	-821	37.3290	80.1727	OMUU	0.2 --	1.1	2.1 -	6.45 +	0.55 ++	11.84	586.	48.	4.
737	0000	-823	37.3294	80.1727	OB-1	0.2 --	0.9 -	2.4 --	4.30 +	0.35	12.33 +	594.	49.	5.
738	0000	-822	37.3298	80.1727	OB-1	0.2 -	0.8 -	2.7 -	3.39	0.29	11.58 +	623.	50.	5.
739	0000	-822	37.3302	80.1727	OB-1	0.3 --	0.7 -	3.0 -	2.15	0.23	9.34	682.	51.	6.
740	0000	-822	37.3307	80.1727	OB-1	0.4	0.8 -	3.4 -	2.14	0.24	8.77	768.	49.	5.
741	0000	-822	37.3311	80.1727	OB-1	0.5	0.9 -	4.1	1.76	0.22 -	8.15	887.	48.	5.
742	0000	-821	37.3315	80.1727	OB-1	0.6	1.1 -	4.7	1.77	0.23 -	7.81	1010.	49.	5.
743	0000	-822	37.3319	80.1727	OB-1	0.7	1.6	4.8	2.26	0.33	6.87	1133.	49.	3.
744	0000	-824	37.3324	80.1727	OB-1	0.8	1.7	5.7	2.03	0.29	6.95	1264.	48.	3.
745	0000	-825	37.3328	80.1727	OB-1	0.9	1.9	6.0	2.07	0.33	6.34	1374.	47.	2.
746	0000	-826	37.3333	80.1727	OB-1	1.0	2.1 +	6.7 +	2.17	0.32	6.85	1451.	47.	2.
747	0000	-826	37.3337	80.1727	OB-1	1.1	2.1 +	6.7 +	1.95	0.31	6.37	1506.	49.	3.
748	0000	-825	37.3341	80.1727	OB-1	1.1	2.2 +	6.9 +	1.92	0.32	6.15	1565.	49.	3.
749	0000	-826	37.3345	80.1727	OB-1	1.2	2.1 +	7.0 +	1.75	0.30	5.76	1614.	49.	4.
750	0000	-827	37.3350	80.1727	OB-1	1.2 +	1.9	7.2 +	1.51	0.26	5.79	1631.	48.	5.
751	0000	-827	37.3354	80.1727	OB-1	1.2	1.9	6.7 +	1.55	0.28	5.56	1598.	50.	6.
752	0000	-827	37.3358	80.1726	OCH	1.2	1.7	6.9	1.44	0.24 -	5.96	1578.	50.	6.
753	0000	-828	37.3362	80.1726	OCH	1.1	1.9	6.7	1.65	0.28	5.83	1572.	50.	7.
754	0000	-828	37.3367	80.1726	OCH	1.1	2.1	6.6	1.85	0.32	5.72	1581.	50.	6.
755	0000	-827	37.3371	80.1726	OCH	1.0	2.1	6.5	2.01	0.32	6.25	1536.	50.	7.
756	0000	-826	37.3376	80.1726	OCH	1.0	2.1	6.4	2.13	0.33	6.40	1517.	49.	7.
757	0000	-826	37.3380	80.1726	OCH	1.0	1.9	6.6	1.89	0.29	6.55	1518.	51.	7.
758	0000	-828	37.3384	80.1726	OCH	1.1	2.1	6.7	1.93	0.31	6.22	1566.	50.	7.
759	0000	-828	37.3388	80.1726	OCH	1.2	2.1	6.7	1.79	0.31	5.78	1591.	51.	7.
760	0000	-828	37.3393	80.1726	CCO-2	1.2	1.9	6.5	1.63	0.29	5.55	1591.	50.	7.
761	0000	-829	37.3397	80.1726	CCO-2	1.2	1.6	6.6	1.33	0.24 -	5.59	1578.	50.	7.
762	0000	-830	37.3402	80.1726	CCO-2	1.2	1.5	6.5	1.27	0.23 -	5.54	1564.	49.	8.
763	0000	-829	37.3405	80.1726	CCO-2	1.1	1.5	6.6	1.42	0.23 -	6.16	1507.	51.	7.
764	0000	-828	37.3410	80.1725	CCO-2	1.0	1.6	6.3	1.60	0.25	6.30	1431.	50.	7.
765	0000	-828	37.3414	80.1725	CCO-2	0.8 -	1.4	6.1	1.68	0.23 -	7.18 +	1331.	51.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
766	0000	-829	37.3419	80.1725	CCO-1	0.7 +	1.4	6.0 ++	2.06	0.23 -	8.98	1234.	49.	8.
767	0000	-830	37.3423	80.1725	CCO-1	0.6 +	1.2	5.5 +	2.08	0.22 -	9.24	1155.	50.	9.
768	0000	-831	37.3427	80.1725	CCO-1	0.5	1.1	5.2 +	2.43	0.22 -	11.10 +	1063.	51.	9.
769	0000	-832	37.3431	80.1725	CCO-1	0.4	1.0	4.6 +	2.42	0.22 -	10.80 +	988.	50.	10.
770	0000	-833	37.3436	80.1725	CCO-1	0.4	0.9	4.3	1.95	0.20 -	9.54	939.	51.	11.
771	0000	-834	37.3440	80.1725	CCO-1	0.4	0.9	4.0	2.22	0.23 -	9.57	917.	52.	11.
772	0000	-834	37.3445	80.1725	CCO-1	0.5	1.0	4.0	2.15	0.26 -	8.36	929.	52.	11.
773	0000	-834	37.3448	80.1725	CCO-1	0.5	1.0	3.7	1.93	0.28	6.93	962.	54.	10.
774	0000	-832	37.3453	80.1725	CCO-1	0.6	1.2	4.1	2.18	0.30	7.35	984.	56.	9.
775	0000	-831	37.3457	80.1725	CCO-1	0.6 +	1.5	4.1	2.46	0.35	6.98	1013.	53.	8.
776	0000	-833	37.3462	80.1725	CCO-1	0.7 +	1.5	4.3	2.31	0.35	6.59	1043.	55.	5.
777	0000	-833	37.3466	80.1725	CCO-1	0.7 +	1.6 +	4.4 +	2.24	0.37	6.08 -	1080.	54.	4.
778	0000	-833	37.3470	80.1725	CCO-2	0.8 -	1.6	4.3 -	2.00	0.38	5.29	1116.	54.	3.
779	0000	-832	37.3474	80.1725	OMUU	0.9	1.6	4.1	1.70	0.39 +	4.32 -	1141.	55.	3.
780	0000	-833	37.3479	80.1725	OMUU	1.0	1.7	3.8	1.62	0.43 +	3.74 --	1147.	52.	2.
781	0000	-835	37.3483	80.1725	OMUU	1.1	1.5	3.7 -	1.33	0.41 +	3.29 --	1164.	54.	3.
782	0000	-834	37.3488	80.1725	OMUU	1.1	1.2	3.1 -	1.07 -	0.40 +	2.70 --	1170.	57.	5.
783	0000	-832	37.3492	80.1725	OMUU	1.1	1.2	3.3 -	1.04 -	0.36	2.89 --	1178.	55.	6.
784	0000	-833	37.3496	80.1725	OMUU	1.1	0.8 -	3.4 -	0.70 --	0.24	2.97 --	1182.	55.	8.
785	0000	-835	37.3500	80.1725	OMUU	1.1	0.7 -	3.5 -	0.67 --	0.21	3.17 --	1183.	55.	10.
786	0000	-836	37.3505	80.1725	OMUU	1.1	0.7 -	3.3 -	0.70 --	0.23	3.09 --	1175.	54.	12.
787	0000	-836	37.3509	80.1724	OMUU	1.1	0.6 -	3.3 -	0.55 --	0.17 -	3.26 --	1204.	54.	14.
788	0000	-835	37.3513	80.1724	OMUU	1.2 +	0.7 -	3.8	0.57 --	0.18 -	3.27 --	1283.	51.	13.
789	0000	-834	37.3517	80.1724	OMUU	1.3 +	1.0 -	4.2	0.75 -	0.23	3.29 --	1375.	50.	12.
790	0000	-835	37.3522	80.1724	OMUU	1.4 +	1.2	3.7 -	0.86 -	0.32	2.71 --	1459.	54.	13.
791	0000	-835	37.3526	80.1725	OMUU	1.5 +	1.7	3.6 -	1.16 -	0.47 +	2.47 ---	1528.	57.	11.
792	0000	-835	37.3529	80.1727	OMUU	1.5 +	1.9	3.8	1.30	0.51 +	2.55 ---	1596.	56.	10.
793	0000	-835	37.3532	80.1727	OMUU	1.4 +	2.1 +	4.8	1.49	0.45 +	3.33 --	1647.	56.	8.
794	0000	-833	37.3536	80.1729	OMUU	1.4 +	2.5 ++	4.8	1.83	0.53 +	3.47 --	1640.	56.	6.
795	0000	-834	37.3539	80.1730	OMUU	1.3 +	2.6 ++	4.9	2.10	0.54 ++	3.89 --	1570.	57.	5.
796	0000	-834	37.3543	80.1731	OMUU	1.1	2.8 ++	4.6	2.58	0.60 ++	4.30 -	1485.	56.	4.
797	0000	-835	37.3546	80.1732	OMUU	0.9	2.6 ++	4.9	2.80	0.54 ++	5.21 -	1387.	53.	3.
798	0000	-835	37.3550	80.1733	OMUU	0.7	2.6 ++	4.8	3.61	0.55 ++	6.62	1293.	51.	2.
799	0000	-834	37.3553	80.1734	OMUU	0.7	2.4 +	4.4	3.70	0.55 ++	6.77	1179.	50.	2.
800	0000	-832	37.3557	80.1736	OMUU	0.6	2.3 +	3.8	4.03 +	0.60 ++	6.76	1079.	49.	1.
801	0000	-833	37.3560	80.1737	OMUU	0.5	1.8	4.0	3.64	0.45 +	8.05	995.	51.	3.
802	0000	-835	37.3564	80.1738	OMUU	0.4	1.6	3.5 -	3.67	0.45 +	8.22	918.	50.	4.
803	0000	-835	37.3567	80.1739	OMUU	0.4	1.4	3.4 -	3.62	0.41 +	8.76	861.	48.	5.
804	0000	-835	37.3570	80.1740	OMUU	0.3 -	1.3	3.4 -	3.94 +	0.38 +	10.27	820.	50.	6.
805	0000	-835	37.3574	80.1741	OMUU	0.3	0.9 -	3.4 -	2.70	0.28	9.78	783.	49.	7.
806	0000	-837	37.3577	80.1742	OMUU	0.3 -	0.8 -	3.6 -	2.62	0.22	11.90	756.	50.	8.
807	0000	-838	37.3581	80.1744	OMUU	0.3 -	0.4 --	3.4 -	1.30	0.12 --	10.67	739.	51.	10.
808	0000	-837	37.3584	80.1745	OMUU	0.3 -	0.7 -	3.3 -	2.46	0.23	10.90	744.	51.	10.
809	0000	-838	37.3588	80.1745	OMUU	0.3 -	0.7 -	3.1 -	2.32	0.22	10.34	734.	53.	11.
810	0000	-838	37.3591	80.1747	OMUU	0.3 -	0.6 -	3.1 -	2.23	0.21	10.68	717.	57.	11.
811	0000	-838	37.3595	80.1747	OCH	0.3 -	0.7 -	3.0	2.38	0.22 -	10.71 +	708.	55.	11.
812	0000	-837	37.3598	80.1749	OCH	0.2 -	0.8 -	2.6 -	3.24	0.30	10.96 +	681.	58.	12.
813	0000	-839	37.3602	80.1750	OCH	0.2 -	0.7 -	2.3 -	2.99	0.31	9.75	660.	59.	12.
814	0000	-841	37.3605	80.1751	OCH	0.2 -	0.9 -	2.0 -	4.42 +	0.45	9.86	622.	60.	11.
815	0000	-841	37.3608	80.1752	OCH	0.2 -	0.7 -	1.8 -	4.05	0.38	10.77 +	583.	60.	12.
816	0000	-841	37.3612	80.1753	OCH	0.1 -	0.7 -	1.8 -	5.08 +	0.40	12.71 +	576.	59.	12.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES							*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
817	0000	-841	37.3616	80.1755	DCH	0.1 -	0.6 -	1.9 -	4.21	0.33	12.91 +	579.	60.	11.
818	0000	-840	37.3619	80.1756	CCO-1	0.2 --	0.7 -	1.9 --	3.91	0.39	9.94	600.	60.	11.
819	0000	-840	37.3623	80.1757	CCO-1	0.3 -	0.8 -	2.1 -	3.23	0.39	8.25	634.	58.	11.
820	0000	-841	37.3626	80.1758	CCO-1	0.3 -	0.9	2.0 -	3.34	0.47	7.13	671.	58.	11.
821	0000	-842	37.3630	80.1760	CCO-1	0.3	0.8 -	2.6	2.57	0.33	7.73	709.	57.	11.
822	0000	-842	37.3633	80.1760	CCO-1	0.4	1.1	2.5	3.01	0.43	6.92	735.	55.	10.
823	0000	-841	37.3637	80.1762	CE	0.4 --	1.0 -	2.5 --	2.81 +	0.41 +	6.83 +	729.	54.	10.
824	0000	-841	37.3640	80.1762	CE	0.4 --	1.1 -	2.5 --	2.87 +	0.43 +	6.73 +	715.	53.	9.
825	0000	-842	37.3643	80.1764	CE	0.4 --	0.8 -	2.3 --	2.23 +	0.37	6.07	685.	54.	9.
826	0000	-842	37.3647	80.1765	CE	0.4 --	0.8 -	2.2 --	2.34 +	0.39	6.07	668.	53.	8.
827	0000	-843	37.3650	80.1765	CE	0.3 --	0.9 -	2.4 --	2.88 +	0.38	7.53 +	653.	54.	7.
828	0000	-843	37.3654	80.1767	CE	0.3 --	0.9 -	2.2 --	2.84 +	0.42 +	6.83 +	643.	54.	6.
829	0000	-842	37.3657	80.1768	CE	0.3 --	0.8 -	2.1 --	2.77 +	0.38	7.22 +	621.	56.	5.
830	0000	-842	37.3661	80.1769	CE	0.3 --	1.0 -	2.2 --	3.56 ++	0.44 +	8.13 +	622.	54.	4.
831	0000	-843	37.3664	80.1770	CE	0.3 --	1.0 -	2.3 --	3.72 ++	0.42 +	8.84 +	617.	54.	4.
832	0000	-843	37.3668	80.1772	CE	0.2 ---	1.1 -	2.2 --	4.80 ++	0.48 +	10.03 +	605.	52.	4.
833	0000	-843	37.3671	80.1772	CE	0.2 --	0.8 -	2.4 --	3.52 ++	0.33	10.52 +	597.	51.	6.
834	0000	-844	37.3675	80.1774	STC-1	0.2	0.8	2.4 -	3.55	0.33	10.69	580.	51.	6.
835	0000	-845	37.3678	80.1775	STC-1	0.2 -	0.8	2.3 -	4.88	0.35	13.86	570.	50.	7.
836	0000	-844	37.3681	80.1777	STC-1	0.2 -	0.7 -	2.4 -	4.43	0.29	15.20	572.	48.	8.
837	0000	-843	37.3685	80.1777	STC-1	0.2 -	0.6 -	2.3 -	3.67	0.26	14.01	562.	52.	8.
838	0000	-843	37.3688	80.1778	STC-1	0.2	0.6 -	2.3 -	3.44	0.27	12.95	564.	54.	8.
839	0000	-843	37.3692	80.1780	STC-1	0.2	0.7 -	2.4	3.78	0.29	13.20	574.	56.	7.
840	0000	-844	37.3695	80.1780	STC-1	0.2	0.8	2.6	4.56	0.30	15.25	575.	58.	5.
841	0000	-844	37.3699	80.1782	STC-1	0.2	0.7 -	2.8	3.01	0.24 -	12.45	586.	57.	3.
842	0000	-842	37.3703	80.1782	DCH	0.3 -	0.6 --	3.2 -	2.01	0.20	10.27	605.	58.	2.
843	0000	-843	37.3706	80.1784	DCH	0.4 -	0.7 --	3.4 -	1.83	0.20	9.19	641.	59.	1.
844	0000	-844	37.3710	80.1785	DCH	0.4 -	0.7 --	3.6 -	1.52	0.18 -	8.25	689.	58.	1.
845	0000	-844	37.3713	80.1786	DCH	0.5 -	0.7 --	3.9 -	1.51	0.19 -	8.07	746.	58.	1.
846	0000	-844	37.3717	80.1787	DCH	0.6 -	0.7 --	4.4 -	1.20 -	0.16 -	7.60	821.	57.	1.
847	0000	-844	37.3720	80.1788	DCH	0.6	0.9 -	4.6 -	1.39 -	0.20	7.08	904.	55.	2.
848	0000	-844	37.3723	80.1789	DCH	0.7	1.0 -	4.9 -	1.40 -	0.20	7.01	1001.	55.	3.
849	0000	-844	37.3727	80.1791	DCH	0.8	1.1 -	4.9 -	1.30 -	0.21	6.12 -	1099.	54.	4.
850	0000	-845	37.3730	80.1792	DCH	0.9	1.2 -	4.9 -	1.30 -	0.24	5.39 -	1187.	55.	5.
851	0000	-844	37.3734	80.1793	DCH	1.0	1.2 -	5.4 -	1.15 -	0.21	5.37 -	1270.	56.	6.
852	0000	-844	37.3737	80.1795	DCH	1.1	1.1 -	6.1	1.01 -	0.18 -	5.63 -	1324.	53.	6.
853	0000	-843	37.3741	80.1795	DCH	1.1	1.1 -	6.1	1.00 -	0.18 -	5.68 -	1355.	54.	6.
854	0000	-843	37.3744	80.1796	DCH	1.1	1.2 -	6.4	1.06 -	0.18 -	5.84 -	1391.	56.	6.
855	0000	-844	37.3747	80.1797	DCH	1.1	1.3 -	6.6	1.18 -	0.20	5.91 -	1400.	56.	5.
856	0000	-844	37.3751	80.1798	DCH	1.1	1.4 -	6.6	1.27 -	0.21	6.08 -	1401.	56.	5.
857	0000	-842	37.3755	80.1800	DCH	1.0	1.3 -	7.1	1.24 -	0.18 -	6.93	1375.	55.	5.
858	0000	-842	37.3758	80.1801	DCH	1.0	1.2 -	6.9	1.25 -	0.17 -	7.25	1340.	53.	5.
859	0000	-844	37.3761	80.1802	DCH	0.9	1.2 -	6.5	1.35 -	0.18 -	7.36	1304.	53.	5.
860	0000	-843	37.3765	80.1803	DCH	0.9	1.2 -	6.1	1.37 -	0.20	6.99	1261.	52.	5.
861	0000	-843	37.3768	80.1804	DCH	0.8	1.0 -	6.2	1.23 -	0.16 -	7.50	1225.	50.	5.
862	0000	-842	37.3772	80.1805	DCH	0.8	1.1 -	6.1	1.39 -	0.18 -	7.94	1188.	50.	5.
863	0000	-841	37.3775	80.1806	DCH	0.7	1.2 -	6.1	1.64	0.19 -	8.73	1154.	49.	4.
864	0000	-843	37.3779	80.1808	DCH	0.7	1.3 -	5.6	1.98	0.24	8.33	1132.	50.	3.
865	0000	-844	37.3782	80.1809	DCH	0.6	1.5	5.7	2.31	0.26	8.72	1136.	49.	2.
866	0000	-843	37.3786	80.1810	DCH	0.7	1.4	6.2	2.03	0.23	8.82	1163.	50.	2.
867	0000	-843	37.3790	80.1811	DCH	0.7	1.4 -	6.6	1.93	0.21	9.22	1195.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES							*	*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
868	0000	-844	37.3793	80.1812	DCH	0.7	1.5	6.6	2.12	0.23	9.15	1225.	50.	2.
869	0000	-841	37.3797	80.1813	DCH	0.7	1.3 -	6.8	1.79	0.19	9.27	1257.	49.	2.
870	0000	-839	37.3800	80.1815	DCH	0.7	1.4 -	6.6	1.86	0.21	9.07	1260.	53.	2.
871	0000	-841	37.3803	80.1815	DCH	0.7	1.1 -	7.0	1.59	0.16 -	9.75	1268.	52.	3.
872	0000	-842	37.3807	80.1816	DCH	0.7	1.1 -	6.8	1.56	0.16 -	9.62	1258.	54.	3.
873	0000	-841	37.3810	80.1817	DCH	0.6	1.5	6.2	2.44	0.25	9.75	1244.	54.	3.
874	0000	-839	37.3814	80.1819	DCH	0.6	1.8	6.0	2.80	0.30	9.30	1255.	52.	3.
875	0000	-841	37.3817	80.1820	DCH	0.7	1.8	6.1	2.64	0.29	9.10	1251.	53.	3.
876	0000	-842	37.3820	80.1821	DCH	0.7	1.9	5.9	2.76	0.33 +	8.37	1256.	54.	3.
877	0000	-841	37.3824	80.1822	DCH	0.7	1.9	6.1	2.64	0.31	8.43	1278.	54.	4.
878	0000	-841	37.3828	80.1823	DCH	0.7	2.2	5.9	3.00	0.38 +	7.85	1310.	54.	4.
879	0000	-842	37.3831	80.1824	DCH	0.8	2.2	5.9	2.72	0.38 +	7.19	1351.	54.	4.
880	0000	-840	37.3834	80.1826	DCH	0.9	2.2	6.3	2.43	0.35 +	6.87	1389.	54.	3.
881	0000	-838	37.3838	80.1826	DCH	0.9	2.3	6.7	2.60	0.34 +	7.69	1405.	55.	3.
882	0000	-837	37.3841	80.1828	DCH	0.9	2.2	6.5	2.36	0.34 +	6.96	1412.	57.	3.
883	0000	-837	37.3845	80.1829	DCH	0.9	2.2	6.5	2.37	0.34 +	6.90	1407.	56.	3.
884	0000	-839	37.3848	80.1830	DCH	0.9	2.2	6.4	2.40	0.35 +	6.84	1392.	53.	3.
885	0000	-839	37.3852	80.1831	DCH	0.9	2.1	6.5	2.44	0.32	7.54	1356.	53.	3.
886	0000	-838	37.3855	80.1832	DCH	0.8	2.1	6.3	2.63	0.34 +	7.74	1314.	53.	3.
887	0000	-838	37.3858	80.1833	DCH	0.7	1.8	5.7	2.46	0.32	7.61	1267.	53.	4.
888	0000	-839	37.3862	80.1835	DCH	0.7	1.6	5.1 -	2.33	0.32	7.19	1199.	54.	4.
889	0000	-839	37.3866	80.1835	DCH	0.6 -	1.8	4.9 -	3.10	0.37 +	8.44	1133.	52.	4.
890	0000	-838	37.3869	80.1837	DCH	0.5 -	1.7	4.6 -	3.43 +	0.37 +	9.22	1060.	54.	4.
891	0000	-838	37.3872	80.1838	DCH	0.4 -	1.6	4.4 -	3.48 +	0.35 +	9.83	993.	56.	3.
892	0000	-840	37.3876	80.1839	DCH	0.5 -	1.4 -	4.0 -	3.02	0.35 +	8.65	937.	56.	3.
893	0000	-841	37.3880	80.1841	DCH	0.4 -	1.4 -	3.8 -	3.61 +	0.36 +	9.91	879.	53.	2.
894	0000	-840	37.3883	80.1841	DCH	0.3 -	1.3 -	3.7 -	3.91 +	0.36 +	10.97	818.	53.	2.
895	0000	-840	37.3887	80.1843	DCH	0.3 -	1.3 -	3.4 -	4.11 +	0.38 +	10.77	778.	51.	2.
896	0000	-843	37.3890	80.1844	DCH	0.3 -	1.2 -	3.0 -	4.10 +	0.41 +	10.05	749.	52.	2.
897	0000	-842	37.3894	80.1844	DCH	0.3 -	1.2 -	3.0 -	3.98 +	0.40 +	9.85	748.	51.	2.
898	0000	-842	37.3897	80.1846	DCH	0.3 -	1.2 -	2.9 -	3.44 +	0.41 +	8.36	786.	50.	3.
899	0000	-843	37.3900	80.1846	DCH	0.4 -	1.4 -	2.7 -	3.36 +	0.51 ++	6.58	853.	50.	3.
900	0000	-841	37.3904	80.1848	DB-1	0.5 +	1.5 +	3.2 +	3.19	0.47	6.73 -	929.	51.	4.
901	0000	-841	37.3907	80.1849	DB-1	0.6 +	1.4 +	3.5 +	2.30 -	0.40	5.69 -	1018.	52.	4.
902	0000	-842	37.3911	80.1850	DB-2	0.7 -	1.5 -	4.0 --	2.12	0.36 +	5.85	1109.	53.	5.
903	0000	-838	37.3914	80.1851	DB-2	0.8	1.3 -	4.5 --	1.66	0.29	5.63	1197.	52.	6.
904	0000	-839	37.3918	80.1853	DB-2	0.8	1.4 -	4.9 --	1.68	0.29	5.88	1277.	51.	7.
905	0000	-842	37.3921	80.1853	DB-2	0.9	1.5 -	5.6 -	1.75	0.27	6.58	1319.	51.	7.
906	0000	-840	37.3925	80.1855	DB-2	0.9	1.2 -	6.0 -	1.43	0.21	6.96	1332.	54.	8.
907	0000	-839	37.3928	80.1856	DB-2	0.9	1.2 -	5.8 -	1.37	0.21	6.69	1342.	55.	9.
908	0000	-841	37.3932	80.1857	DB-2	0.8	1.5 -	6.1 -	1.77	0.24	7.36	1364.	53.	9.
909	0000	-840	37.3935	80.1859	DB-2	0.8	1.3 -	6.6 -	1.55	0.20 -	7.86	1386.	53.	9.
910	0000	-838	37.3939	80.1859	DB-2	0.8	1.4 -	6.7	1.70	0.21	8.13	1413.	54.	9.
911	0000	-839	37.3942	80.1861	DB-2	0.9	1.6 -	6.7	1.83	0.24	7.58	1441.	51.	7.
912	0000	-840	37.3945	80.1861	DB-2	0.9	1.8	6.3 -	2.06	0.29	7.16	1479.	52.	7.
913	0000	-841	37.3949	80.1863	DB-2	0.9	2.1	6.5 -	2.33	0.32	7.17	1543.	49.	5.
914	0000	-841	37.3952	80.1864	DB-2	1.0	2.1	7.3	2.19	0.29	7.45	1612.	49.	4.
915	0000	-839	37.3956	80.1864	DB-2	1.0	2.1	7.9	2.01	0.26	7.70	1645.	50.	4.
916	0000	-839	37.3959	80.1866	DB-2	1.0	2.3	7.7	2.24	0.30	7.37	1677.	49.	3.
917	0000	-839	37.3963	80.1868	DB-2	1.0	2.5	7.6	2.37	0.33	7.23	1694.	50.	3.
918	0000	-837	37.3967	80.1868	DB-2	1.1	2.4	8.0	2.20	0.30	7.42	1747.	52.	3.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1070

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	VALUES AND STATISTICAL SIGNIFICANCES POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
919	0000	-839	37.3970	80.1869	DB-2	1.1	2.4	8.8	2.07	0.27	7.69	1815.	52.	4.
920	0000	-840	37.3974	80.1870	DB-2	1.2	2.3	9.2	1.86	0.25	7.54	1858.	52.	4.
921	0000	-839	37.3977	80.1872	DB-2	1.2	2.3	9.1	1.89	0.25	7.44	1872.	52.	5.
922	0000	-838	37.3981	80.1873	DB-2	1.2	2.2	8.8	1.85	0.25	7.38	1869.	51.	7.
923	0000	-840	37.3984	80.1874	DB-2	1.2	1.9	8.7	1.60	0.22	7.16	1830.	53.	8.
924	0000	-841	37.3987	80.1875	DB-2	1.2	1.8	8.6	1.46	0.21	7.06	1806.	52.	10.
925	0000	-841	37.3991	80.1876	DB-2	1.2	1.5 -	8.6	1.21 -	0.17 -	7.06	1741.	53.	12.
926	0000	-843	37.3994	80.1877	DB-2	1.2	1.2 -	8.1	1.04 -	0.15 -	6.82	1670.	51.	13.
927	0000	-844	37.3998	80.1879	DB-2	1.1	1.1 -	7.9	1.01 -	0.14 --	7.28	1616.	50.	13.
928	0000	-843	37.4001	80.1879	DB-2	1.1	0.9 --	7.8	0.86 --	0.12 --	7.19	1601.	49.	13.
929	0000	-843	37.4005	80.1881	DB-2	1.1	1.1 --	7.8	0.97 -	0.14 --	6.98	1629.	48.	12.
930	0000	-846	37.4008	80.1882	DB-2	1.2	1.3 -	8.0	1.15 -	0.17 -	6.81	1693.	47.	11.
931	0000	-845	37.4012	80.1883	DB-2	1.3	1.5 -	8.5	1.20 -	0.18 -	6.57	1777.	47.	10.
932	0000	-845	37.4015	80.1884	DB-2	1.3	2.1	8.4	1.52	0.24	6.24	1895.	47.	8.
933	0000	-846	37.4019	80.1885	DB-2	1.4	2.4	8.5	1.63	0.28	5.91	1978.	47.	7.
934	0000	-845	37.4022	80.1886	DB-2	1.5	2.8 +	8.6	1.85	0.32	5.77	2045.	49.	6.
935	0000	-844	37.4025	80.1888	DB-2	1.5	2.9 +	8.7	1.88	0.33	[illegible]58	2069.	51.	5.
936	0000	-845	37.4029	80.1889	DB-2	1.5	3.0 +	9.2	1.98	0.33	6.07	2081.	51.	4.
937	0000	-845	37.4032	80.1890	DB-2	1.5	3.0 +	9.1	1.97	0.33	6.04	2085.	51.	4.
938	0000	-844	37.4036	80.1891	DB-2	1.4	2.9 +	9.0	2.07	0.32	6.37	2066.	49.	4.
939	0000	-845	37.4039	80.1892	DB-2	1.4	2.7 +	9.3	1.95	0.30	6.59	2015.	46.	5.
940	0000	-844	37.4043	80.1893	DB-2	1.4	2.7 +	9.2	1.98	0.29	6.75	2006.	46.	5.
941	0000	-844	37.4046	80.1894	DB-2	1.4	2.7 +	9.2	1.91	0.30	6.46	2022.	45.	4.
942	0000	-845	37.4050	80.1895	DB-2	1.5	2.9 +	9.3	2.00	0.31	5.41	2080.	44.	4.
943	0000	-843	37.4053	80.1896	DB-2	1.6 +	3.0 +	9.1	1.87	0.33	5.69	2133.	44.	4.
944	0000	-844	37.4057	80.1896	DB-2	1.7 +	3.1 +	9.4	1.86	0.33	5.57	2194.	45.	3.
945	0000	-845	37.4061	80.1896	DB-2	1.8 +	3.1 +	9.7	1.75	0.32	5.45 -	2228.	47.	2.
946	0000	-846	37.4065	80.1895	DB-2	1.8 +	3.0 +	9.7 +	1.63	0.31	5.30 -	2250.	49.	2.
947	0000	-846	37.4069	80.1895	DB-2	1.8 +	2.9 +	9.7 +	1.57	0.30	5.27 -	2207.	52.	1.
948	0000	-846	37.4072	80.1894	DB-2	1.7 +	2.6	9.2	1.51	0.28	5.33 -	2110.	53.	2.
949	0000	-844	37.4076	80.1894	DB-2	1.6 +	2.3	8.5	1.43	0.28	5.19 -	1998.	52.	2.
950	0000	-846	37.4080	80.1893	DB-2	1.4	2.0	7.8	1.42	0.26	5.36 -	1864.	50.	4.
951	0000	-847	37.4084	80.1893	DB-2	1.3	1.7	7.0	1.32	0.24	5.45 -	1713.	47.	5.
952	0000	-848	37.4087	80.1893	DB-2	1.2	1.5 -	6.2 -	1.32	0.25	5.33 -	1569.	45.	7.
953	0000	-850	37.4091	80.1893	DB-2	1.0	1.5 -	5.6 -	1.53	0.27	5.70	1427.	46.	8.
954	0000	-850	37.4094	80.1892	DB-2	0.9	1.4 -	5.1 --	1.68	0.28	5.97	1327.	44.	9.
955	0000	-849	37.4099	80.1892	DB-2	0.8 -	1.5 -	4.5 --	1.90	0.33	5.81	1254.	44.	10.
956	0000	-850	37.4102	80.1892	DB-2	0.7 -	1.6 -	4.4 --	2.42	0.37 +	6.61	1164.	44.	10.
957	0000	-851	37.4106	80.1891	DB-2	0.6 -	1.6 -	4.2 --	2.71	0.38 +	7.07	1099.	45.	10.
958	0000	-850	37.4109	80.1891	DB-2	0.5 -	1.6 -	4.1 --	2.97 +	0.39 +	7.54	1047.	47.	10.
959	0000	-849	37.4113	80.1890	DB-2	0.4 -	1.5 -	4.1 --	3.43 +	0.37 +	9.35	1005.	50.	11.
960	0000	-852	37.4117	80.1890	DB-1	0.4	1.5 +	3.3 +	3.72	0.45	8.24	971.	48.	11.
961	0000	-853	37.4121	80.1890	DB-1	0.4	1.4 +	3.1	3.90	0.45	8.66	938.	49.	11.
962	0000	-852	37.4125	80.1890	DB-1	0.3	1.2	3.2 +	3.30	0.36	9.29	905.	50.	11.
963	0000	-852	37.4128	80.1889	DB-1	0.4 +	1.1	3.1	2.74	0.37	7.35	916.	49.	10.
964	0000	-851	37.4132	80.1889	DB-1	0.4 +	1.3	3.3 +	2.90	0.39	7.42	930.	49.	10.
965	0000	-851	37.4136	80.1888	DB-1	0.5 +	1.5 +	3.3 +	3.16	0.44	7.19	946.	49.	8.
966	0000	-854	37.4140	80.1888	DLMU-1	0.5	1.6	3.2	3.18	0.49	6.48	964.	46.	6.
967	0000	-855	37.4143	80.1887	DLMU-1	0.5	1.6	3.9	3.28	0.41	8.02	988.	46.	5.
968	0000	-855	37.4147	80.1887	DLMU-1	0.5	1.8	3.9	3.53	0.45	7.93	1012.	45.	3.
969	0000	-855	37.4151	80.1887	DLMU-1	0.5	1.9	4.1	3.59	0.47	7.70	1030.	44.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					* VALUES AND STATISTICAL SIGNIFICANCES *							
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
970	0000	-857	37.4155	80.1886 DLMU-1	0.5	1.9	4.3	4.13	0.44	9.37	1004.	46.	1.
971	0000	-858	37.4158	80.1886 DLMU-1	0.4	1.8	3.9	4.33	0.45	9.54	965.	47.	2.
972	0000	-856	37.4162	80.1886 DLMU-1	0.3	1.7	3.8	4.88	0.44	11.02	920.	47.	3.
973	0000	-856	37.4165	80.1885 DLMU-1	0.3	1.5	3.5	4.99	0.43	11.66	866.	48.	3.
974	0000	-858	37.4170	80.1885 DLMU-1	0.3	1.5	3.0	5.58	0.51	10.94	804.	48.	4.
975	0000	-859	37.4174	80.1885 DLMU-1	0.2	1.4	3.1	6.17	0.46	13.27	763.	50.	5.
976	0000	-859	37.4177	80.1884 DLMU-1	0.1 -	1.4	3.0	9.92 +	0.48	20.83 ++	707.	52.	5.
977	0000	-860	37.4181	80.1884 DLMU-1	0.1 -	1.4	2.9	10.51 +	0.47	22.49 ++	688.	50.	6.
978	0000	-860	37.4184	80.1883 DLMU-1	0.1 -	1.4	3.0	13.01 ++	0.46	28.19 +++	682.	48.	7.
979	0000	-861	37.4189	80.1883 DLMU-1	0.1 -	1.4	3.3	11.93 +	0.42	28.21 +++	687.	48.	7.
980	0000	-864	37.4192	80.1882 DLMU-1	0.1 -	1.4	3.4	9.79 +	0.42	23.24 ++	712.	49.	7.
981	0000	-864	37.4196	80.1882 DLMU-1	0.2 -	1.5	3.7	9.65 +	0.41	23.80 ++	737.	49.	7.
982	0000	-863	37.4199	80.1882 DLMU-1	0.2 -	1.4	3.8	8.70 +	0.36	23.99 ++	759.	47.	8.
983	0000	-864	37.4203	80.1881 DLMU-1	0.2	1.2	3.9	5.93	0.32	18.59 +	804.	46.	9.
984	0000	-866	37.4207	80.1881 DLMU-1	0.2	1.1	3.9	4.75	0.29	16.24 +	832.	46.	9.
985	0000	-865	37.4211	80.1881 DLMU-1	0.3	1.2	4.1	4.60	0.31	15.02	870.	47.	9.
986	0000	-867	37.4214	80.1881 DLMU-1	0.3	1.3	4.1	4.44	0.32	13.89	899.	49.	9.
987	0000	-871	37.4218	80.1880 DLMU-1	0.3	1.5	4.1	5.73	0.37	15.63	918.	50.	9.
988	0000	-870	37.4222	80.1880 DLMU-1	0.3	1.4	3.9	4.92	0.36	13.66	925.	51.	9.
989	0000	-870	37.4226	80.1879 DLMU-1	0.3	1.5	3.8	4.65	0.39	11.90	916.	53.	9.
990	0000	-871	37.4229	80.1879 DLMU-1	0.3	1.5	3.5	5.08	0.44	11.52	895.	54.	9.
991	0000	-872	37.4233	80.1878 DLMU-1	0.3	1.6	3.4	5.70	0.48	11.93	878.	55.	8.
992	0000	-871	37.4237	80.1878 DLMU-1	0.3	1.4	3.4	4.45	0.41	10.90	857.	55.	8.
993	0000	-872	37.4241	80.1877 DLMU-1	0.3	1.2	3.6	3.83	0.33	11.55	840.	53.	9.
994	0000	-873	37.4245	80.1877 DLMU-1	0.3	0.9	3.5	2.70	0.26	10.24	816.	54.	10.
995	0000	-873	37.4248	80.1877 DLMU-1	0.3	0.8 -	3.6	2.55	0.22 -	11.67	794.	54.	11.
996	0000	-875	37.4252	80.1877 DLMU-1	0.3	0.8 -	3.5	2.93	0.24 -	12.39	791.	54.	11.
997	0000	-877	37.4256	80.1877 DLMU-1	0.3	0.8 -	3.7	2.88	0.21 -	13.40	792.	53.	11.
998	0000	-876	37.4260	80.1876 DLMU-1	0.3	0.8 -	4.0	2.70	0.19 -	13.90	796.	52.	9.
999	0000	-877	37.4263	80.1876 STC-2	0.2 -	0.9 -	4.0 -	3.67	0.23	16.20	802.	52.	9.
1000	0000	-877	37.4267	80.1875 STC-1	0.3	1.1	3.8 +	4.30	0.29	14.70	812.	53.	7.
1001	0000	-874	37.4270	80.1875 STC-2	0.3 -	1.2	4.1 -	4.93 +	0.30	16.35	825.	54.	5.
1002	0000	-874	37.4275	80.1874 STC-2	0.3	1.3	4.4 -	4.63	0.31	15.02	859.	56.	3.
1003	0000	-878	37.4278	80.1874 STC-2	0.3	1.4	4.5	4.52	0.31	14.58	874.	57.	2.
1004	0000	-878	37.4282	80.1873 STC-2	0.4	1.3	4.9	3.80	0.27	13.83	907.	58.	2.
1005	0000	-879	37.4285	80.1873 STC-2	0.4	1.3	5.0	3.76	0.27	14.13	928.	59.	2.
1006	0000	-880	37.4289	80.1873 STC-2	0.4	1.3	5.0	3.38	0.26	12.95	943.	59.	1.
1007	0000	-880	37.4294	80.1873 STC-2	0.4	1.2	5.2	3.30	0.24	13.78	945.	61.	1.
1008	0000	-882	37.4297	80.1873 STC-2	0.4	1.3	5.1	3.18	0.25	12.62	953.	60.	1.
1009	0000	-883	37.4301	80.1872 STC-2	0.4	1.4	5.0	3.52	0.27	13.16	947.	59.	1.
1010	0000	-882	37.4304	80.1872 STC-2	0.4	1.2	5.4	3.10	0.22	14.06	941.	56.	1.
1011	0000	-882	37.4308	80.1871 STC-2	0.3	1.3	5.0	3.71	0.26	14.51	903.	58.	0.
1012	0000	-886	37.4312	80.1871 STC-2	0.3	1.3	4.7	3.62	0.26	13.66	864.	58.	0.
1013	0000	-886	37.4316	80. 870 STC-2	0.3	1.1	4.5	3.71	0.25	14.59	819.	59.	1.
1014	0000	-884	37.4319	80.1870 STC-2	0.3	1.1	4.2 -	4.02	0.26	15.26	781.	57.	1.
1015	0000	-883	37.4323	80.1869 STC-2	0.2 -	1.1	4.2 -	5.14 +	0.27	19.34 +	753.	58.	1.
1016	0000	-883	37.4327	80.1869 STC-2	0.2 -	0.9 -	4.2 -	4.54	0.23	19.97 +	736.	56.	3.
1017	0000	-885	37.4331	80.1869 STC-1	0.2	1.0	3.8 +	5.03	0.26	19.66 +	730.	56.	4.
1018	0000	-887	37.4334	80.1868 STC-1	0.2	0.8	4.0 +	4.10	0.21 -	19.87 +	747.	55.	6.
1019	0000	-887	37.4338	80.1868 STC-2	0.2 -	0.8 -	4.2 -	4.07	0.20	20.84 +	785.	55.	8.
1020	0000	-886	37.4342	80.1868 STC-2	0.2 -	1.0	4.4 -	4.42	0.22	20.04 +	828.	56.	8.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1021	0000	-888	37.4346	80.1868	STC-2	0.3 -	0.7 -	5.0	2.77	0.15 -	18.60 +	882.	56.	10.
1022	0000	-888	37.4349	80.1867	STC-2	0.3	0.7 -	5.0	2.53	0.15 -	17.24	911.	55.	10.
1023	0000	-887	37.4353	80.1867	STC-2	0.3	0.6 --	5.2	1.87	0.11 --	16.97	927.	55.	11.
1024	0000	-892	37.4357	80.1866	STC-2	0.3	0.6 --	5.4	2.07	0.12 --	17.76 +	920.	56.	11.
1025	0000	-894	37.4361	80.1866	STC-2	0.3	0.7 -	5.4	2.20	0.13 --	17.46 +	912.	58.	9.
1026	0000	-892	37.4365	80.1866	STC-2	0.3	0.5 --	5.4	1.77	0.10 --	18.13 +	876.	60.	8.
1027	0000	-892	37.4368	80.1866	STC-2	0.3 -	0.5 --	5.1	1.74	0.09 ---	18.84 +	830.	59.	9.
1028	0000	-894	37.4372	80.1864	STC-2	0.3	0.6 --	4.6	2.18	0.13 -	16.54	766.	62.	7.
1029	0000	-895	37.4375	80.1864	OMUU	0.2 -	0.7 -	4.1	2.87	0.17 -	17.04 +	704.	66.	6.
1030	0000	-895	37.4379	80.1864	OMUU	0.3 -	0.8 -	3.5 -	3.22	0.23	13.95 +	658.	66.	5.
1031	0000	-894	37.4383	80.1864	OMUU	0.2 -	0.8 -	2.8 -	3.98 +	0.30	13.24 +	622.	69.	5.
1032	0000	-896	37.4387	80.1863	OMUU	0.2 -	0.8 -	2.6 -	4.04 +	0.33	12.39 +	600.	66.	6.
1033	0000	-899	37.4390	80.1863	OMUU	0.2 -	0.9 -	2.1 -	4.54 +	0.42 +	10.84	572.	66.	6.
1034	0000	-897	37.4394	80.1863	OMUU	0.2 -	0.8 -	2.1 -	3.29	0.37	8.96	563.	67.	6.
1035	0000	-897	37.4398	80.1862	OMUU	0.2 -	0.8 -	1.9 --	3.92 +	0.42 +	9.34	565.	66.	5.
1036	0000	-897	37.4402	80.1862	OMUU	0.3 -	0.5 --	2.0 -	1.69	0.23	7.51	585.	64.	7.
1037	0000	-897	37.4405	80.1861	OMUU	0.3 -	0.4 --	2.0 -	1.51	0.20	7.38	597.	67.	8.
1038	0010	-897	37.4409	80.1861	OMUU	0.3 -	0.3 N.A.	2.2 -	0.86 N.A.	0.13 N.A.	6.78	623.	65.	8.
1039	0000	-897	37.4413	80.1861	OMUU	0.4	0.3 --	2.3 -	0.78 -	0.13 --	6.19	654.	67.	8.
1040	0000	-897	37.4417	80.1861	OMUU	0.4	0.4 --	2.3 -	0.89 -	0.17 -	5.33 -	705.	67.	9.
1041	0000	-898	37.4421	80.1860	OMUU	0.5	0.5 --	2.8 -	1.11 -	0.19	5.83	764.	66.	8.
1042	0000	-900	37.4424	80.1860	OMUU	0.5	0.6 -	2.7 -	1.21 -	0.24	5.10 -	824.	66.	8.
1043	0000	-900	37.4428	80.1859	OMUU	0.6	0.8 -	3.1 -	1.34	0.26	5.20 -	893.	66.	6.
1044	0000	-900	37.4432	80.1859	OMUU	0.7	0.9 -	3.9	1.30	0.22	5.80	974.	63.	5.
1045	0000	-901	37.4436	80.1858	OMUU	0.7	1.1	4.3	1.56	0.26	6.08	1027.	64.	4.
1046	0000	-902	37.4439	80.1858	OMUU	0.7	1.3	4.5	1.79	0.29	6.16	1062.	65.	3.
1047	0000	-904	37.4443	80.1858	OMUU	0.8	1.3	4.9	1.73	0.27	6.33	1101.	63.	3.
1048	0000	-907	37.4447	80.1857	OMUU	0.8	1.3	4.9	1.63	0.26	6.17	1133.	62.	3.
1049	0000	-904	37.4451	80.1857	OMUU	0.8	1.3	5.4	1.59	0.24	6.69	1158.	63.	3.
1050	0000	-902	37.4454	80.1856	OMUU	0.8	1.4	5.5	1.77	0.26	6.72	1171.	62.	4.
1051	0000	-904	37.4458	80.1856	OMUU	0.8	1.6	5.1	1.99	0.32	6.26	1202.	63.	5.
1052	0000	-905	37.4462	80.1856	OMUU	0.9	1.6	4.9	1.77	0.32	5.58 -	1242.	62.	6.
1053	0000	-907	37.4465	80.1856	OMUU	1.0	1.3	5.3	1.32	0.24	5.51 -	1276.	60.	7.
1054	0000	-907	37.4469	80.1855	OMUU	0.9	1.3	5.5	1.46	0.24	6.02	1289.	61.	7.
1055	0000	-903	37.4473	80.1855	OMUU	0.9	1.4	5.5	1.56	0.26	6.10	1292.	62.	7.
1056	0000	-903	37.4477	80.1854	OMUU	0.9	1.3	5.2	1.52	0.26	5.87	1285.	62.	8.
1057	0000	-906	37.4480	80.1854	OKU	0.8	1.3	5.1	1.59	0.26	6.04	1264.	62.	9.
1058	0000	-906	37.4484	80.1853	OKU	0.8	1.2	5.0	1.56	0.25	6.24	1210.	62.	9.
1059	0000	-906	37.4488	80.1853	OKU	0.8	1.0 -	5.0	1.35 -	0.21 -	6.57	1181.	59.	10.
1060	0000	-908	37.4492	80.1853	OKU	0.7	1.1	4.9	1.52	0.22	6.98	1174.	59.	11.
1061	0000	-905	37.4495	80.1852	OKU	0.7	0.9 -	4.9	1.21 -	0.18 -	6.55	1183.	59.	12.
1062	0000	-906	37.4499	80.1852	OKU	0.8	0.9 -	5.3	1.15 -	0.17 -	6.84	1204.	57.	12.
1063	0000	-909	37.4503	80.1851	OKU	0.8	0.9 -	5.8	1.14 -	0.16 -	7.36	1241.	55.	12.
1064	0000	-910	37.4507	80.1851	OKU	0.8	0.9 -	6.0	1.12 -	0.15 --	7.50	1281.	54.	12.
1065	0000	-909	37.4510	80.1851	OKU	0.8	1.0 -	6.6 +	1.21 -	0.15 --	7.87	1331.	55.	12.
1066	0000	-909	37.4514	80.1851	OKU	0.8	1.2	6.9 +	1.42	0.17 -	8.31	1354.	58.	11.
1067	0000	-909	37.4518	80.1850	OKU	0.8	1.2	6.6 +	1.46	0.19 -	7.80	1358.	58.	11.
1068	0000	-908	37.4522	80.1850	OKU	0.8	1.2	6.4 +	1.50	0.19 -	8.05	1341.	59.	11.
1069	0000	-910	37.4525	80.1849	OKU	0.8	1.1	6.3	1.37 -	0.17 -	7.87	1336.	61.	11.
1070	0000	-910	37.4529	80.1849	OKU	0.8	1.3	6.2	1.64	0.21 -	7.63	1346.	62.	11.
1071	0000	-908	37.4533	80.1849	OKU	0.8	1.3	6.2	1.85	0.21 -	7.69	1350.	62.	11.

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CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1072	0000	-907	37.4537	80.1849	OKU	0.8	1.5	6.1	1.97	0.24	8.16	1351.	60.	11.
1073	0000	-909	37.4541	80.1848	OKU	0.7	1.7	6.0	2.33	0.28	8.36	1340.	59.	11.
1074	0000	-913	37.4544	80.1847	OKU	0.7	1.5	6.7 +	2.30	0.22	10.22	1312.	59.	10.
1075	0000	-914	37.4548	80.1847	OKU	0.7	1.8	6.2	2.71	0.28	9.61	1297.	56.	10.
1076	0000	-912	37.4552	80.1847	OKU	0.6	1.9	5.6	3.02	0.33	9.06	1244.	56.	10.
1077	0000	-914	37.4556	80.1847	OKU	0.6	1.6	5.5	2.81	0.29	9.85	1172.	56.	10.
1078	0000	-915	37.4559	80.1846	OKU	0.5	1.6	5.4	3.05	0.30	10.23	1127.	56.	9.
1079	0000	-913	37.4563	80.1846	OKU	0.5	1.4	5.1	2.54	0.27	9.31	1079.	56.	9.
1080	0000	-915	37.4566	80.1845	OKU	0.6	1.0 -	4.7	1.72	0.21 -	7.35	1039.	57.	10.
1081	0000	-916	37.4570	80.1845	OKU	0.6	1.3	4.1	2.38	0.32	7.41	1038.	56.	9.
1082	0000	-915	37.4574	80.1844	OKU	0.6	1.4	4.3	2.41	0.32	7.51	1035.	57.	7.
1083	0000	-921	37.4578	80.1844	OKU	0.6	1.5	4.3	2.73	0.35	7.80	1036.	56.	5.
1084	0000	-921	37.4581	80.1844	OKU	0.6	1.8	4.0	3.00	0.44 +	6.79	1034.	56.	4.
1085	0000	-920	37.4585	80.1844	OKU	0.6	1.6	3.9	2.75	0.41	6.74	1003.	56.	3.
1086	0000	-922	37.4589	80.1844	OKU	0.5	1.6	3.5 -	3.07	0.47 +	6.48	967.	58.	3.
1087	0000	-922	37.4594	80.1843	OKU	0.5	1.9	3.4 -	4.16 +	0.57 +	7.25	941.	54.	1.
1088	0000	-919	37.4599	80.1844	OKU	0.4	1.9	3.2 -	4.32 +	0.61 ++	7.12	889.	55.	1.
1089	0000	-918	37.4604	80.1844	OKU	0.4	1.7	2.9 -	4.08 +	0.57 +	7.21	848.	52.	2.
1090	0000	-919	37.4608	80.1845	OKU	0.4 -	1.5	3.1 -	3.98 +	0.47 +	8.56	808.	52.	2.
1091	0000	-920	37.4613	80.1845	OKU	0.3 -	1.4	3.0 -	4.82 +	0.48 +	10.03	772.	55.	3.
1092	0000	-922	37.4618	80.1845	OKU	0.3 -	1.4	3.0 -	5.31 +	0.48 +	11.01	754.	53.	4.
1093	0000	-921	37.4623	80.1846	OKU	0.3 -	1.3	3.0 -	4.88 +	0.42	11.63	723.	54.	5.
1094	0000	-924	37.4627	80.1846	OKU	0.3 -	1.0	3.1 -	3.61	0.34	10.56	711.	57.	7.
1095	0000	-927	37.4632	80.1846	OKU	0.3 -	0.9 -	2.9 -	3.07	0.31	9.90	710.	57.	7.
1096	0000	-928	37.4637	80.1847	OKU	0.3 -	0.8 -	3.0 -	2.62	0.28	9.33	720.	57.	8.
1097	0000	-927	37.4642	80.1847	OKU	0.3 -	1.1	2.9 -	3.08	0.36	8.50	735.	56.	8.
1098	0000	-925	37.4647	80.1848	OKU	0.3 -	0.9 -	2.7 -	2.60	0.32	8.15	741.	54.	8.
1099	0000	-923	37.4651	80.1849	OKU	0.4 -	0.9 -	2.4 --	2.35	0.35	6.65	744.	56.	7.
1100	0000	-928	37.4656	80.1849	OKU	0.4 -	1.1	2.7 -	3.00	0.41	7.35	775.	53.	6.
1101	0000	-929	37.4661	80.1849	OKU	0.4 -	1.2	3.0 -	3.41	0.42	8.20	801.	51.	5.
1102	0000	-926	37.4666	80.1850	OKU	0.4	1.2	3.1 -	2.89	0.38	7.54	840.	53.	5.
1103	0000	-927	37.4670	80.1850	OKU	0.4	1.4	3.4 -	3.19	0.41	7.84	882.	56.	5.
1104	0000	-927	37.4675	80.1850	OKU	0.5	1.2	3.6	2.25	0.32	7.06	957.	58.	6.
1105	0000	-926	37.4680	80.1851	OKU	0.6	1.2	4.1	2.13	0.29	7.45	1035.	57.	7.
1106	0000	-927	37.4685	80.1851	OKU	0.6	1.2	4.7	2.06	0.26	7.93	1094.	58.	7.
1107	0000	-927	37.4690	80.1852	OKU	0.7	1.2	4.8	1.85	0.26	7.26	1132.	60.	8.
1108	0000	-929	37.4694	80.1852	OKU	0.7	1.3	5.0	1.96	0.27	7.33	1180.	62.	8.
1109	0000	-932	37.4699	80.1852	OKU	0.7	1.6	5.3	2.28	0.30	7.66	1248.	58.	8.
1110	0000	-930	37.4704	80.1853	OKU	0.8	1.6	6.2	1.96	0.25	7.73	1344.	54.	7.
1111	0000	-930	37.4709	80.1853	OKU	0.9	1.5	7.0	1.62	0.21	7.66	1437.	53.	6.
1112	0000	-933	37.4714	80.1853	OKU	1.2 +	1.5	7.7 +	1.28	0.19	6.62	1566.	53.	5.
1113	0000	-932	37.4719	80.1854	OKU	1.4 +	1.5	8.3 +	1.11 -	0.18 -	6.02	1715.	51.	5.
1114	0000	-932	37.4723	80.1854	OKU	1.5 +	1.6	9.2 +	1.05 -	0.17 -	6.00	1890.	52.	4.
1115	0000	-930	37.4728	80.1855	OKU	1.8 +	1.2	9.9 ++	0.68 --	0.12 --	5.54 -	2060.	52.	5.
1116	0000	-932	37.4733	80.1855	OKU	2.0 +	1.2	10.6 ++	0.60 --	0.11 --	5.27 -	2206.	53.	5.
1117	0000	-939	37.4738	80.1856	OKU	2.1 +	1.3	10.3 ++	0.63 --	0.13 --	4.87 -	2265.	57.	6.
1118	0000	-941	37.4742	80.1856	OKU	2.1 +	1.4	9.8 ++	0.64 --	0.14 -	4.65 -	2281.	57.	7.
1119	0000	-939	37.4747	80.1856	OKU	2.0 +	1.5	9.4 ++	0.77 -	0.16 -	4.79 -	2246.	57.	8.
1120	0000	-939	37.4752	80.1857	OKU	1.8 +	1.5	9.2 +	0.81 -	0.16 -	5.04 -	2169.	57.	9.
1121	0000	-943	37.4757	80.1857	OKU	1.7 +	1.2	8.4 +	0.72 --	0.14 -	4.95 -	2019.	58.	10.
1122	0000	-944	37.4762	80.1857	OKU	1.5 +	1.4	7.6 +	0.95 -	0.18 -	5.13 -	1842.	60.	11.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1123	0000	-938	37.4766	80.1858	OMUU	1.2 +	1.1	7.0	0.92 -	0.16 -	5.80	1630.	66.	11.
1124	0000	-937	37.4771	80.1859	OMUU	1.0	0.9 -	6.9	0.95 -	0.13 -	7.14	1473.	63.	12.
1125	0000	-944	37.4776	80.1859	OMUU	0.8	1.0	6.5	1.28	0.16 -	8.03	1332.	65.	11.
1126	0000	-942	37.4781	80.1860	OMUU	0.7	0.9 -	6.6	1.20 -	0.13 -	8.96	1228.	63.	10.
1127	0000	-939	37.4785	80.1860	OMUU	0.7	1.0	6.5	1.59	0.16 -	9.91	1170.	64.	8.
1128	0000	-942	37.4790	80.1860	STC-2	0.6	1.3	6.4	2.13	0.20	10.42	1157.	64.	7.
1129	0000	-944	37.4795	80.1861	STC-2	0.6	1.3	6.6	2.14	0.20	10.67	1156.	63.	5.
1130	0000	-942	37.4800	80.1861	STC-2	0.6	1.2	6.4	1.85	0.19	9.96	1163.	61.	5.
1131	0000	-944	37.4805	80.1861	STC-2	0.6	1.3	6.0	2.04	0.22	9.33	1154.	62.	5.
1132	0000	-944	37.4809	80.1862	STC-2	0.6	1.3	5.6	1.96	0.22	8.74	1133.	63.	5.
1133	0000	-943	37.4814	80.1862	STC-2	0.6	1.2	5.2	2.09	0.24	8.88	1087.	65.	6.
1134	0000	-948	37.4819	80.1863	STC-2	0.6	1.0	4.7	1.87	0.22	8.41	1032.	64.	8.
1135	0000	-950	37.4824	80.1863	STC-2	0.5	0.8 -	4.6	1.64 -	0.18 -	9.26	990.	63.	10.
1136	0000	-945	37.4828	80.1863	DLMU-1	0.4	0.9 -	4.2	2.12	0.21 -	10.13	960.	62.	12.
1137	0000	-946	37.4834	80.1864	DLMU-1	0.4	1.0	3.8	2.62	0.26 -	10.14	948.	59.	13.
1138	0000	-946	37.4838	80.1864	DLMU-1	0.3	0.8 -	3.8	2.40	0.22 -	10.94	939.	59.	14.
1139	0000	-946	37.4843	80.1864	DLMU-1	0.4	0.7 -	3.7	2.02	0.20 -	10.07	951.	58.	15.
1140	0000	-949	37.4848	80.1865	DLMU-1	0.4	0.9 -	3.6	2.34	0.24 -	9.72	974.	57.	15.
1141	0000	-946	37.4852	80.1865	DLMU-1	0.4	1.0	3.7	2.50	0.28	9.07	1017.	58.	14.
1142	0000	-944	37.4858	80.1866	DLMU-1	0.5	1.3	3.7	2.67	0.33	7.98	1066.	55.	13.
1143	0000	-946	37.4862	80.1867	DLMU-1	0.5	1.3	3.8	2.43	0.33	7.25	1115.	53.	13.
1144	0000	-946	37.4867	80.1867	DLMU-1	0.6	1.6	4.1	2.94	0.40	7.35	1167.	54.	12.
1145	0000	-952	37.4872	80.1867	DLMU-1	0.6	1.8	4.4	2.83	0.42	6.80	1232.	54.	12.
1146	0000	-952	37.4877	80.1867	DLMU-1	0.6	2.1 +	4.8	3.21	0.43	7.48	1291.	52.	11.
1147	0000	-947	37.4881	80.1868	DLMU-1	0.7	2.0	5.1	2.79	0.39	7.21	1335.	51.	11.
1148	0000	-950	37.4886	80.1868	DLMU-1	0.8	1.9	5.4	2.42	0.35	6.92	1380.	48.	12.
1149	0000	-953	37.4891	80.1868	DLMU-1	0.8	1.7	5.3	2.23	0.32	6.86	1406.	49.	14.
1150	0000	-949	37.4895	80.1869	DLMU-1	0.8 +	1.5	5.4	1.79 -	0.28	6.43	1409.	49.	15.
1151	0000	-950	37.4901	80.1870	DLMU-1	0.8 +	1.3	5.2	1.58 -	0.26	6.18	1405.	48.	16.
1152	0000	-950	37.4905	80.1869	DLMU-1	0.8	1.4	5.1	1.85 -	0.28	6.52	1371.	46.	15.
1153	0000	-952	37.4910	80.1870	DLMU-1	0.7	1.3	5.2	1.72 -	0.25	6.98	1338.	46.	15.
1154	0000	-954	37.4915	80.1870	DLMU-1	0.7	1.4	5.1	1.92	0.27	7.14	1318.	47.	15.
1155	0000	-951	37.4920	80.1871	DLMU-1	0.6	1.6	4.9	2.42	0.32	7.52	1283.	46.	14.
1156	0000	-948	37.4924	80.1872	DLMU-1	0.6	1.6	4.9	2.64	0.33	7.94	1264.	46.	13.
1157	0000	-952	37.4929	80.1872	DLMU-1	0.5	2.0	4.8	3.70	0.41	9.08	1259.	47.	12.
1158	0000	-955	37.4934	80.1872	DLMU-1	0.5	1.9	5.0	3.58	0.39	9.13	1280.	50.	12.
1159	0000	-955	37.4939	80.1873	DLMU-1	0.6	1.7	5.3	2.74	0.32	8.56	1326.	49.	13.
1160	0000	-956	37.4944	80.1873	DB-2	0.7 -	1.6	5.3 -	2.41	0.31	7.86	1361.	49.	13.
1161	0000	-958	37.4948	80.1873	DB-2	0.7 -	1.6	5.4 -	2.32	0.31	7.61	1393.	48.	14.
1162	0000	-952	37.4953	80.1874	DB-2	0.7 -	1.5 -	5.8 -	2.12	0.26	8.11	1420.	50.	14.
1163	0000	-949	37.4958	80.1874	DB-2	0.7 -	1.5 -	6.1 -	1.98	0.24	8.32	1452.	50.	15.
1164	0000	-951	37.4963	80.1875	DB-2	0.8 -	1.5 -	6.8	1.85	0.22	8.61	1490.	49.	14.
1165	0000	-951	37.4967	80.1875	DB-2	0.8	1.6	7.0	1.99	0.23	8.49	1518.	46.	13.
1166	0000	-952	37.4972	80.1875	DB-2	0.8	1.8	7.2	2.22	0.25	8.93	1555.	46.	13.
1167	0000	-955	37.4977	80.1876	DB-2	0.8	2.1	7.5	2.49	0.27	9.06	1620.	47.	13.
1168	0000	-954	37.4982	80.1876	DB-2	0.9	2.2	8.3	2.37	0.26	9.14	1702.	47.	12.
1169	0000	-956	37.4987	80.1877	DB-2	1.1	2.1	9.1	1.96	0.23	8.51	1813.	45.	12.
1170	0000	-963	37.4992	80.1877	DB-2	1.2	2.2	9.2	1.84	0.24	7.72	1904.	46.	11.
1171	0000	-963	37.4996	80.1877	DB-2	1.3	2.3	8.9	1.81	0.26	6.87	1973.	47.	11.
1172	0000	-956	37.5001	80.1878	DB-2	1.3	2.4	9.1	1.81	0.26	6.85	2019.	48.	10.
1173	0000	-960	37.5006	80.1878	DB-2	1.4	2.4	9.2	1.72	0.26	6.53	2059.	49.	9.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1075

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1174	0000	-963	37.5011	80.1879	DB-2	1.5	2.4	9.1	1.64	0.27	6.17	2056.	49.	8.
1175	0000	-962	37.5015	80.1879	DB-2	1.5	2.6	9.0	1.79	0.29	6.11	2054.	50.	6.
1176	0000	-951	37.5020	80.1879	DB-2	1.4	2.9 +	8.4	2.07	0.35 +	5.90	2016.	52.	4.
1177	0000	-958	37.5025	80.1880	DB-2	1.4	3.1 +	8.4	2.21	0.37 +	5.85	2005.	52.	2.
1178	0000	-957	37.5030	80.1880	DB-2	1.4	2.9 +	8.6	2.09	0.34	6.24	2009.	51.	2.
1179	0000	-965	37.5034	80.1880	DB-2	1.4	3.0 +	8.5	2.12	0.35 +	5.09	2015.	51.	1.
1180	0000	-962	37.5039	80.1881	DB-2	1.4	3.1 +	7.9	2.29	0.39 +	5.81	1999.	52.	2.
1181	0000	-956	37.5044	80.1882	DB-2	1.3	3.2 ++	8.4	2.42	0.38 +	6.33	2013.	50.	2.
1182	0000	-959	37.5049	80.1882	DB-2	1.3	3.0 +	8.4	2.23	0.35 +	5.37	2007.	48.	4.
1183	0000	-960	37.5054	80.1882	DB-2	1.3	2.9 +	8.2	2.23	0.36 +	6.22	2011.	49.	6.
1184	0000	-959	37.5059	80.1882	DB-2	1.3	2.7 +	8.4	2.08	0.32	6.43	1997.	48.	8.
1185	0000	-960	37.5063	80.1883	DB-2	1.3	2.7	8.0	2.11	0.33	6.31	1952.	48.	9.
1186	0000	-961	37.5068	80.1884	DB-2	1.2	2.5	8.1	2.02	0.31	6.60	1906.	48.	10.
1187	0000	-962	37.5073	80.1884	DB-2	1.2	2.3	8.1	1.88	0.28	6.70	1873.	48.	12.
1188	0000	-964	37.5078	80.1884	DB-2	1.2	2.1	7.8	1.76	0.27	6.57	1851.	48.	13.
1189	0000	-969	37.5082	80.1885	DB-2	1.1	2.2	7.3	1.90	0.29	6.47	1823.	47.	14.
1190	0000	-967	37.5087	80.1885	DB-2	1.0	2.3	7.4	2.28	0.31	7.26	1772.	48.	13.
1191	0000	-962	37.5092	80.1886	DB-2	1.0	2.1	7.5	2.13	0.29	7.43	1719.	49.	13.
1192	0000	-968	37.5097	80.1886	DB-2	1.0	2.2	7.4	2.21	0.29	7.63	1695.	47.	13.
1193	0000	-968	37.5102	80.1886	DB-2	1.0	2.0	7.3	2.11	0.28	7.56	1671.	48.	12.
1194	0000	-958	37.5106	80.1886	DB-2	0.9	2.2	7.1	2.35	0.31	7.68	1647.	47.	11.
1195	0000	-961	37.5111	80.1886	DB-2	0.8	2.3	7.2	2.74 +	0.32	8.45	1630.	48.	10.
1196	0000	-968	37.5116	80.1886	DB-2	0.9	2.3	7.1	2.69	0.33	8.14	1625.	49.	9.
1197	0000	-967	37.5120	80.1886	DB-2	0.9	2.1	7.2	2.35	0.30	7.94	1620.	49.	9.
1198	0000	-971	37.5125	80.1886	DB-2	0.8	2.3	6.8	2.75 +	0.33	8.26	1609.	47.	9.
1199	0000	-972	37.5129	80.1886	DB-2	0.8 -	2.5	6.8	3.23 +	0.36 +	8.93	1594.	46.	7.
1200	0000	-968	37.5134	80.1886	DB-2	0.8 -	2.6	6.7	3.33 +	0.38 +	8.73	1589.	45.	7.
1201	0000	-970	37.5139	80.1886	DB-2	0.8	2.4	7.3	3.00 +	0.33	9.04	1611.	45.	7.
1202	0000	-970	37.5143	80.1886	DB-2	0.9	2.5	6.7	2.80 +	0.36 +	7.68	1609.	47.	7.
1203	0000	-964	37.5148	80.1886	DB-2	0.8	2.3	7.0	2.93 +	0.33	8.26	1601.	47.	7.
1204	0000	-967	37.5152	80.1886	DB-2	0.9	2.3	6.6 -	2.60	0.34 +	7.63	1609.	47.	8.
1205	0000	-967	37.5157	80.1886	DB-2	0.9	2.4	6.8	2.60	0.35 +	7.43	1648.	48.	8.
1206	0000	-966	37.5161	80.1886	DB-2	1.0	2.3	7.1	2.30	0.33	7.02	1709.	51.	9.
1207	0000	-974	37.5166	80.1886	DB-2	1.0	2.5	7.6	2.48	0.33	7.56	1779.	52.	9.
1208	0000	-973	37.5171	80.1886	DB-2	1.1	2.3	7.7	2.17	0.30	7.18	1811.	56.	10.
1209	0000	-966	37.5175	80.1885	DB-2	1.1	2.2	8.3	2.07	0.27	7.74	1858.	53.	11.
1210	0000	-968	37.5180	80.1885	DB-2	1.2	2.3	8.4	1.98	0.27	7.34	1927.	53.	12.
1211	0000	-972	37.5184	80.1885	DB-2	1.2	2.4	8.6	1.97	0.28	7.02	1995.	54.	12.
1212	0000	-970	37.5189	80.1885	DB-2	1.3	2.5	8.8	1.93	0.29	6.72	2039.	55.	13.
1213	0000	-970	37.5193	80.1885	DB-2	1.4	2.5	8.6	1.83	0.29	6.31	2071.	54.	13.
1214	0000	-970	37.5198	80.1885	DB-2	1.4	2.1	8.4	1.48	0.25	5.86	2052.	52.	14.
1215	0000	-970	37.5203	80.1885	DB-2	1.4	2.2	8.5	1.56	0.26	5.97	2055.	50.	12.
1216	0000	-968	37.5207	80.1886	DB-2	1.5	2.3	8.3	1.58	0.28	5.63	2017.	50.	12.
1217	0000	-970	37.5212	80.1886	DB-2	1.4	2.4	7.8	1.69	0.31	5.48	1934.	51.	10.
1218	0000	-973	37.5217	80.1886	DB-2	1.3	2.4	8.0	1.79	0.29	6.08	1888.	50.	8.
1219	0000	-974	37.5221	80.1886	DB-2	1.2	2.3	7.7	1.86	0.29	6.30	1812.	48.	7.
1220	0000	-973	37.5226	80.1886	DB-2	1.1	2.1	7.5	1.93	0.28	6.83	1711.	46.	6.
1221	0000	-972	37.5230	80.1886	DB-2	1.0	2.1	7.2	2.15	0.30	7.20	1620.	47.	6.
1222	0000	-971	37.5235	80.1886	DB-2	0.8	2.3	6.3 -	2.75 +	0.36 +	7.59	1499.	47.	6.
1223	0000	-971	37.5239	80.1885	DB-2	0.7 -	2.1	5.6 -	2.94 +	0.37 +	7.94	1388.	47.	7.
1224	0000	-972	37.5244	80.1885	DB-2	0.6 -	2.1	5.0 --	3.55 +	0.43 +	8.34	1314.	46.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

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* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1225	0000	-970	37.5249	80.1885	DB-2	0.6 -	1.9	4.5 --	3.23 +	0.41 +	7.93	1232.	46.	10.
1226	0000	-970	37.5253	80.1885	DB-2	0.6 -	1.7	4.3 --	3.03 +	0.40 +	7.59	1223.	46.	12.
1227	0000	-970	37.5258	80.1885	DB-2	0.6 -	1.4 -	4.6 --	2.29	0.31	7.27	1244.	46.	13.
1228	0000	-972	37.5263	80.1885	DB-2	0.7 -	1.7	5.0 --	2.43	0.34	7.35	1324.	48.	13.
1229	0000	-974	37.5268	80.1885	DB-2	0.8	1.6 -	5.5 -	1.92	0.29	6.53	1435.	49.	13.
1230	0000	-976	37.5272	80.1885	DB-2	1.0	1.7	6.4 -	1.76	0.27	6.56	1566.	50.	12.
1231	0000	-976	37.5277	80.1885	DB-2	1.1	1.7	7.0	1.51	0.24	6.26	1702.	49.	12.
1232	0000	-975	37.5282	80.1885	DB-2	1.2	1.7	7.3	1.37	0.23	5.96	1802.	52.	11.
1233	0000	-972	37.5286	80.1885	DB-2	1.3	1.8	8.1	1.36	0.22	6.25	1869.	52.	10.
1234	0000	-975	37.5291	80.1885	DB-2	1.3	2.2	8.3	1.65	0.26	6.34	1905.	53.	8.
1235	0000	-978	37.5295	80.1885	DB-2	1.4	2.1	8.3	1.54	0.25	6.06	1926.	51.	8.
1236	0000	-976	37.5300	80.1885	DB-2	1.4	2.0	8.6	1.50	0.24	6.23	1919.	49.	8.
1237	0000	-975	37.5304	80.1885	DB-2	1.3	2.0	8.2	1.57	0.24	6.42	1881.	49.	8.
1238	0000	-974	37.5309	80.1885	DB-2	1.2	1.9	8.3	1.56	0.23	6.84	1821.	49.	8.
1239	0000	-972	37.5314	80.1885	DB-2	1.1	2.0	8.2	1.84	0.24	7.51	1724.	47.	8.
1240	0000	-973	37.5318	80.1885	DB-2	1.0	1.9	7.1	1.91	0.26	7.21	1604.	50.	9.
1241	0000	-974	37.5323	80.1885	DB-2	0.9	1.7	6.5 -	1.99	0.27	7.43	1495.	49.	11.
1242	0000	-971	37.5327	80.1885	DB-2	0.7 -	1.6 -	5.9 -	2.20	0.27	8.03	1374.	48.	12.
1243	0000	-970	37.5332	80.1885	DB-2	0.6 -	1.7	4.8 --	2.64	0.34 +	7.70	1268.	51.	12.
1244	0000	-971	37.5337	80.1885	DB-2	0.6 -	1.8	4.8 --	3.11 +	0.38 +	8.26	1208.	49.	11.
1245	0000	-974	37.5341	80.1885	DB-2	0.5 -	1.8	4.3 --	3.55 +	0.42 +	8.46	1146.	48.	11.
1246	0000	-975	37.5346	80.1885	DB-2	0.5 -	1.8	4.2 --	3.79 +	0.44 +	8.62	1132.	49.	12.
1247	0000	-973	37.5350	80.1885	DB-2	0.5 -	1.9	4.3 --	4.13 ++	0.44 ++	9.36	1128.	48.	11.
1248	0000	-974	37.5355	80.1885	DB-2	0.4 -	2.0	4.5 --	4.39 ++	0.44 +	10.01 +	1137.	49.	10.
1249	0000	-978	37.5359	80.1885	DB-2	0.4 -	2.0	4.3 --	4.75 ++	0.47 ++	10.20 +	1136.	50.	11.
1250	0000	-976	37.5364	80.1885	DB-2	0.4 --	2.0	4.6 --	5.50 ++	0.44 +	12.60 +	1133.	47.	11.
1251	0000	-975	37.5368	80.1885	DB-2	0.3 --	1.8	4.5 --	5.15 ++	0.39 +	13.22 ++	1106.	48.	12.
1252	0000	-975	37.5373	80.1885	DB-2	0.3 --	1.5 -	4.6 --	4.93 ++	0.33	14.76 ++	1072.	49.	13.
1253	0000	-975	37.5378	80.1885	DB-2	0.3 --	1.4 -	4.4 --	4.53 ++	0.32	14.34 ++	1052.	45.	13.
1254	0000	-980	37.5382	80.1885	DLMU-1	0.3	1.4	4.5	4.90	0.31	15.95 +	1028.	44.	13.
1255	0000	-979	37.5387	80.1885	DLMU-1	0.3	1.1	4.1	3.84	0.26	14.50	997.	44.	14.
1256	0000	-974	37.5392	80.1885	DLMU-1	0.3	1.1	4.3	3.91	0.25	15.92 +	966.	43.	14.
1257	0000	-977	37.5396	80.1885	DLMU-1	0.3	0.9 -	4.4	3.24	0.20 -	15.92 +	933.	43.	13.
1258	0000	-982	37.5401	80.1885	DLMU-1	0.3	1.0	4.2	3.74	0.23 -	16.25 +	902.	43.	13.
1259	0000	-981	37.5405	80.1885	DLMU-1	0.3	1.0	4.3	3.36	0.22 -	15.03	897.	42.	12.
1260	0000	-979	37.5410	80.1884	DLMU-1	0.3	1.0	4.2	3.59	0.23 -	15.43	857.	48.	10.
1261	0000	-979	37.5415	80.1884	DLMU-1	0.3	0.9 -	3.7	3.40	0.24 -	14.23	823.	48.	10.
1262	0000	-982	37.5419	80.1884	DLMU-1	0.2	1.1	3.6	4.58	0.30	15.40	787.	49.	9.
1263	0000	-978	37.5424	80.1885	DLMU-1	0.2	1.0	3.4	4.92	0.29	16.84 +	748.	55.	9.
1264	0000	-978	37.5428	80.1885	DLMU-1	0.2 -	1.2	2.9	7.56 +	0.41	18.27 +	715.	57.	8.
1265	0000	-981	37.5433	80.1885	DLMU-1	0.1 -	1.1	2.7	7.86 +	0.41	19.07 +	682.	59.	7.
1266	0000	-979	37.5437	80.1885	DLMU-1	0.1 -	1.3	2.3 -	11.26 +	0.57 +	19.81 +	643.	62.	7.
1267	0000	-979	37.5442	80.1885	DLMU-1	0.1 -	1.3	2.1 -	13.11 ++	0.59 +	22.29 ++	635.	60.	7.
1268	0000	-980	37.5446	80.1885	SCY	0.1 -	1.4	2.3 -	14.84 +	0.60 +	24.84 +	624.	61.	6.
1269	0000	-976	37.5450	80.1885	SCY	0.1 -	1.4	2.1 -	13.52 +	0.67 +	20.32 +	623.	58.	6.
1270	0000	-976	37.5455	80.1885	SCY	0.1 -	1.5	1.9 -	13.32 +	0.79 ++	16.94	626.	55.	5.
1271	0000	-982	37.5459	80.1885	SCY	0.2	1.4	1.8 -	7.89	0.78 ++	10.07	628.	53.	5.
1272	0000	-978	37.5463	80.1885	SCY	0.2	1.6	1.6 --	9.75 +	1.02 ++	9.60	641.	52.	5.
1273	0000	-974	37.5468	80.1885	STC-1	0.2 -	1.6 +	1.7 --	9.41 +	0.94 ++	9.97	665.	48.	5.
1274	0000	-980	37.5472	80.1885	STC-1	0.2 -	1.8 +	1.6 --	10.75 -	1.12 +++	9.63	668.	51.	5.
1275	0000	-980	37.5477	80.1885	STC-1	0.2	1.6 +	1.7 --	9.44 -	0.96 ++	9.79	692.	51.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1276	0000	-977	37.5481	80.1885	STC-1	0.2	1.5 +	1.9 -	8.45 +	0.80 ++	10.51	714.	53.	9.
1277	0000	-982	37.5486	80.1886	STC-1	0.2	1.3	2.1 -	7.53 +	0.61 -	13.42	725.	52.	12.
1278	0000	-980	37.5490	80.1886	STC-1	0.1 -	1.0	2.4 -	7.30 +	0.44	15.75 +	733.	53.	14.
1279	0000	-976	37.5494	80.1886	STC-1	0.2 -	0.6 -	2.6	3.85	0.23 -	15.49	738.	52.	16.
1280	0010	-979	37.5499	80.1886	STC-1	0.1 -	0.4 N.A.	2.9	2.65 N.A.	0.13 N.A.	19.71 +	729.	56.	18.
1281	0010	-974	37.5503	80.1886	STC-1	0.2	0.2 N.A.	3.1	1.19 N.A.	0.07 N.A.	18.26 +	740.	56.	20.
1282	0010	-975	37.5508	80.1885	STC-1	0.2	0.2 N.A.	3.1	1.12 N.A.	0.07 N.A.	16.62	732.	57.	20.
1283	0010	-981	37.5512	80.1885	STC-1	0.2	0.2 N.A.	3.0	1.21 N.A.	0.07 N.A.	17.39 +	720.	57.	20.
1284	0000	-974	37.5516	80.1885	STC-1	0.2	0.4 --	2.9	2.45 -	0.15 --	16.27	723.	59.	19.
1285	0000	-972	37.5521	80.1886	STC-1	0.2	0.6 -	2.9	3.07	0.21 -	14.84	734.	59.	17.
1286	0000	-976	37.5525	80.1886	STC-1	0.2	0.7 -	2.8	3.82	0.26	14.51	723.	63.	15.
1287	0000	-973	37.5529	80.1886	STC-1	0.2	1.0	2.7	5.00	0.38	13.19	732.	60.	13.
1288	0000	-975	37.5534	80.1886	STC-1	0.2	1.0	2.8	5.17	0.36	14.21	727.	59.	10.
1289	0000	-978	37.5538	80.1886	STC-1	0.2	1.1	3.0	5.92	0.37	16.00	727.	59.	7.
1290	0000	-975	37.5542	80.1886	STC-1	0.2	1.3	3.0	6.80	0.42	16.06	740.	59.	6.
1291	0000	-973	37.5547	80.1886	OTBR	0.2 --	1.1	3.5 -	6.24 +	0.33	18.94 +	754.	60.	5.
1292	0000	-974	37.5552	80.1886	OTBR	0.2 --	1.2	3.7 -	7.02 +	0.32	22.26 ++	786.	60.	5.
1293	0000	-978	37.5556	80.1886	OTBR	0.2 -	1.2	4.3	5.98 +	0.28	21.11 ++	836.	57.	6.
1294	0000	-980	37.5560	80.1886	OTBR	0.2 -	1.1	4.5	4.48 +	0.23	19.23 +	865.	57.	7.
1295	0000	-972	37.5565	80.1886	OTBR	0.2 -	1.1	4.8	4.48 +	0.22	20.52 ++	900.	57.	8.
1296	0000	-971	37.5569	80.1886	OTBR	0.2 -	1.1	5.0	4.56 +	0.23	20.26 ++	922.	57.	9.
1297	0000	-976	37.5574	80.1886	OTBR	0.3 -	1.0	5.4	3.73	0.18	20.60 ++	938.	57.	9.
1298	0000	-977	37.5578	80.1886	OTBR	0.3 -	1.1	5.2	3.72	0.20	18.16 +	941.	57.	9.
1299	0000	-976	37.5583	80.1886	OTBR	0.3 -	1.2	5.0	4.46 +	0.25	18.17 +	927.	58.	8.
1300	0000	-975	37.5587	80.1887	OTBR	0.2 -	1.3	4.8	5.31 +	0.27	19.73 ++	906.	61.	7.
1301	0000	-973	37.5591	80.1887	OTBR	0.2 -	1.4	4.5	5.86 +	0.31	18.73 +	886.	61.	7.
1302	0000	-976	37.5596	80.1887	OTBR	0.2 -	1.6	4.1 -	6.79 +	0.39 +	17.54 +	872.	59.	5.
1303	0000	-977	37.5600	80.1887	OTBR	0.2 -	1.6	4.1 -	6.82 +	0.38 +	17.79 +	854.	60.	5.
1304	0000	-978	37.5604	80.1887	OTBR	0.2 -	1.5	3.9 -	6.66 +	0.39 +	16.87 +	831.	61.	4.
1305	0000	-977	37.5609	80.1886	OTBR	0.2 -	1.6	3.9 -	7.68 ++	0.41 +	18.91 +	833.	59.	3.
1306	0000	-975	37.5613	80.1886	OTBR	0.2 -	1.5	3.7 -	6.50 +	0.39 +	16.56 +	829.	58.	4.
1307	0000	-975	37.5618	80.1887	OTBR	0.2 -	1.4	3.6 -	5.83 +	0.38 +	15.39 +	820.	57.	4.
1308	0000	-975	37.5622	80.1887	OTBR	0.2 -	1.4	3.8 -	6.68 +	0.37 +	18.05 +	815.	58.	4.
1309	0000	-976	37.5626	80.1887	OTBR	0.2 -	1.3	3.8 -	5.65 +	0.33	16.92 +	799.	61.	5.
1310	0000	-976	37.5631	80.1887	OTBR	0.2 -	1.1	3.6 -	5.08 +	0.32	15.87 +	796.	60.	6.
1311	0000	-974	37.5636	80.1887	OTBR	0.2 -	1.3	3.5 -	5.66 +	0.36 +	15.53 +	795.	61.	6.
1312	0000	-975	37.5640	80.1887	OTBR	0.2 -	1.2	3.3 --	5.13 +	0.35 +	14.49	781.	62.	7.
1313	0000	-978	37.5644	80.1887	OTBR	0.2 -	1.2	3.3 --	5.32 +	0.35 +	15.09 +	771.	63.	6.
1314	0000	-978	37.5649	80.1887	OTBR	0.2 -	1.2	3.1 --	5.05 +	0.41 +	12.40	766.	62.	6.
1315	0000	-975	37.5653	80.1887	OTBR	0.2 -	1.1	3.2 --	4.47 +	0.34 +	12.99	767.	62.	7.
1316	0000	-975	37.5657	80.1887	OTBR	0.2 -	1.1	3.5 -	4.65 +	0.32	14.43	796.	61.	8.
1317	0000	-975	37.5662	80.1887	OTBR	0.2 -	1.2	3.6 -	5.44 +	0.35 +	15.73 +	817.	61.	8.
1318	0000	-975	37.5666	80.1887	OTBR	0.2 -	1.2	3.8 -	5.25 +	0.32	16.48 +	837.	60.	8.
1319	0000	-975	37.5670	80.1887	OTBR	0.2 -	1.3	3.7 -	5.38 +	0.37 +	14.71 +	858.	62.	8.
1320	0000	-974	37.5675	80.1887	OTBR	0.3 -	1.3	3.9 -	4.57 +	0.33	13.98	878.	62.	8.
1321	0000	-974	37.5679	80.1887	OTBR	0.3 -	1.4	4.1 -	5.51 +	0.35 +	15.70 +	894.	60.	7.
1322	0000	-974	37.5684	80.1888	OTBR	0.3 -	1.5	4.1 -	5.54 +	0.37 +	14.84 +	911.	61.	6.
1323	0000	-972	37.5688	80.1888	OTBR	0.3 -	1.5	4.0 -	5.07 +	0.37 +	13.61	894.	60.	6.
1324	0000	-973	37.5692	80.1888	OTBR	0.3 -	1.6	3.8 -	5.44 +	0.42 ++	12.98	883.	63.	5.
1325	0000	-976	37.5697	80.1888	OTBR	0.3	1.6	3.8 -	4.80 +	0.41 +	11.75	887.	63.	5.
1326	0000	-977	37.5702	80.1888	OTBR	0.3 -	1.4	4.0 -	4.66 +	0.36 +	12.98	870.	62.	5.

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* TAGS *						VALUES AND STATISTICAL SIGNIFICANCES								*
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1327	0000	-975	37.5706	80.1887	OTBR	0.3 -	1.2	4.1 -	3.78	0.28	13.55	858.	63.	7.
1328	0000	-973	37.5710	80.1887	OTBR	0.3 -	0.7 -	4.2	2.39	0.18 -	13.53	854.	68.	9.
1329	0000	-973	37.5715	80.1887	OTBR	0.3 -	0.6 -	4.1 -	1.95	0.15 -	13.08	855.	67.	10.
1330	0000	-973	37.5719	80.1889	OTBR	0.3	0.5 --	4.1 -	1.51 -	0.12 -	12.51	876.	66.	12.
1331	0000	-976	37.5723	80.1888	OTBR	0.4	0.3 --	4.5	0.87 --	0.07 --	12.33	893.	64.	13.
1332	0000	-973	37.5728	80.1888	OTBR	0.4	0.3 --	4.6	0.98 --	0.07 --	13.18	915.	64.	14.
1333	0010	-972	37.5732	80.1888	OTBR	0.4	0.3 N.A.	5.0	0.69 N.A.	0.05 N.A.	13.59	951.	65.	15.
1334	0000	-976	37.5737	80.1888	OTBR	0.3	0.6 -	5.4	1.77	0.12 -	15.32 +	997.	64.	13.
1335	0000	-974	37.5741	80.1888	OTBR	0.4	0.8 -	6.0	2.20	0.13 -	16.81 +	1042.	60.	13.
1336	0000	-971	37.5746	80.1888	OTBR	0.4	1.2	6.4	3.20	0.18	17.43 +	1090.	59.	11.
1337	0000	-970	37.5750	80.1889	OTBR	0.4	1.4	6.5	3.98	0.22	18.00 +	1134.	61.	10.
1338	0000	-970	37.5754	80.1889	OTBR	0.4	1.7	6.8 +	4.67 +	0.25	18.54 +	1180.	62.	9.
1339	0000	-970	37.5759	80.1889	OTBR	0.4	1.8 +	6.9 +	4.78 +	0.26	18.29 +	1220.	62.	8.
1340	0000	-969	37.5763	80.1889	OTBR	0.5	1.8 +	7.4 +	3.95	0.24	16.24 +	1261.	62.	7.
1341	0000	-969	37.5768	80.1889	OTBR	0.5	1.9 +	7.4 +	3.76	0.26	14.29	1300.	62.	7.
1342	0000	-969	37.5772	80.1889	OTBR	0.6	2.1 +	7.6 +	3.75	0.28	13.58	1348.	63.	6.
1343	0000	-971	37.5776	80.1889	OTBR	0.6	1.7	7.9 +	2.70	0.22	12.28	1378.	64.	6.
1344	0000	-973	37.5781	80.1889	OTBR	0.7	1.7	8.4 +	2.38	0.20	11.91	1411.	65.	5.
1345	0000	-973	37.5786	80.1889	OTBR	0.8 +	1.5	8.7 ++	1.84	0.17 -	10.99	1450.	65.	4.
1346	0000	-972	37.5789	80.1889	OTBR	0.9 +	1.3	9.0 ++	1.58 -	0.15 -	10.52	1471.	66.	3.
1347	0000	-971	37.5794	80.1889	OTBR	0.9 +	1.5	8.8 ++	1.64	0.16 -	9.97	1482.	64.	3.
1348	0000	-965	37.5798	80.1889	OTBR	0.9 +	1.4	8.8 ++	1.58 -	0.16 -	9.66	1476.	64.	2.
1349	0000	-967	37.5802	80.1889	OTBR	0.9 +	1.4	8.3 +	1.53 -	0.17 -	9.13	1452.	65.	3.
1350	0000	-968	37.5807	80.1889	STC-2	0.9 +	1.5	8.0 +	1.70 -	0.19	9.02	1411.	65.	3.
1351	0000	-962	37.5812	80.1889	STC-2	0.9 +	1.5	7.6 +	1.82	0.20	8.89	1368.	64.	3.
1352	0000	-966	37.5816	80.1890	STC-2	0.8	1.5	7.0 +	1.78	0.21	8.52	1323.	63.	4.
1353	0000	-969	37.5820	80.1889	STC-2	0.8	1.4	7.1 +	1.91	0.20	9.52	1292.	63.	3.
1354	0000	-963	37.5825	80.1889	STC-2	0.6	1.8	6.7	2.70	0.26	10.25	1263.	65.	3.
1355	0000	-965	37.5829	80.1889	STC-2	0.6	1.8	6.2	3.02	0.28	10.72	1230.	66.	3.
1356	0000	-969	37.5834	80.1889	STC-2	0.6	1.9	6.1	3.40	0.30	11.15	1193.	70.	2.
1357	0000	-965	37.5838	80.1889	STC-2	0.5	1.9	6.1	3.79	0.31	12.04	1171.	70.	2.
1358	0000	-964	37.5842	80.1889	STC-2	0.5	1.8	5.6	3.77	0.32	11.75	1131.	71.	2.
1359	0000	-961	37.5847	80.1890	STC-2	0.4	2.1 +	5.8	5.01 +	0.36 +	14.11	1099.	69.	1.
1360	0000	-960	37.5851	80.1890	STC-2	0.4	1.9	5.6	5.20 +	0.35	14.88	1053.	68.	2.
1361	0000	-965	37.5855	80.1890	STC-2	0.4	1.7	5.7	4.45	0.30	14.69	1017.	65.	2.
1362	0000	-964	37.5860	80.1890	STC-2	0.4	1.7	5.8	4.40	0.29	15.28	993.	64.	2.
1363	0000	-963	37.5865	80.1890	STC-2	0.4	1.6	5.7	4.34	0.28	15.32	970.	62.	1.
1364	0000	-962	37.5869	80.1890	DLMU-1	0.4	1.6	5.6 +	4.35	0.29	15.16	953.	62.	2.
1365	0000	-960	37.5873	80.1890	DLMU-1	0.4	1.6	5.8 +	4.48	0.28	16.02 +	947.	62.	1.
1366	0000	-961	37.5878	80.1890	DLMU-1	0.4	1.4	5.8 +	3.28	0.24 -	13.90	958.	62.	2.
1367	0000	-965	37.5882	80.1890	DLMU-1	0.5	1.5	5.6 +	3.30	0.27	12.36	968.	63.	2.
1368	0000	-963	37.5887	80.1890	DLMU-1	0.5	1.5	5.8 +	3.00	0.25	11.89	985.	65.	2.
1369	0000	-962	37.5891	80.1890	DLMU-1	0.5	1.6	5.3	3.35	0.30	11.29	980.	66.	3.
1370	0000	-964	37.5896	80.1890	DLMU-1	0.5	1.6	5.3	3.41	0.30	11.27	995.	65.	3.
1371	0000	-961	37.5900	80.1890	DLMU-1	0.5	1.5	5.1	3.09	0.30	10.24	1004.	65.	3.
1372	0000	-959	37.5904	80.1890	DLMU-1	0.5	1.4	5.3	2.67	0.27	10.04	1017.	62.	4.
1373	0000	-957	37.5909	80.1890	DLMU-1	0.5	1.5	5.0	3.09	0.29	10.55	1002.	64.	4.
1374	0000	-956	37.5913	80.1891	DLMU-1	0.5	1.4	5.2	2.76	0.27	10.12	989.	65.	4.
1375	0000	-961	37.5917	80.1891	DLMU-1	0.4	1.5	4.8	3.45	0.31	11.18	962.	64.	3.
1376	0000	-964	37.5922	80.1890	DLMU-1	0.4	1.1	5.2	2.39	0.21 -	11.61	942.	63.	3.
1377	0000	-963	37.5926	80.1890	DLMU-1	0.4	1.0	5.2	2.41	0.19 -	12.81	916.	63.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES									
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1378	0000	-960	37.5930	80.1890	DLMU-1	0.4	1.0	5.2	2.83	0.19 -	14.66	895.	62.	4.
1379	0000	-958	37.5935	80.1890	STC-2	0.3	1.1	5.0	3.57	0.23	15.83	878.	62.	4.
1380	0000	-959	37.5939	80.1890	STC-2	0.3	1.0	5.0	3.23	0.20	16.43	870.	59.	5.
1381	0000	-963	37.5944	80.1890	STC-2	0.3	1.1	4.7	3.76	0.22	16.85	872.	58.	5.
1382	0000	-962	37.5948	80.1891	STC-2	0.3	1.0	4.6	3.56	0.23	15.65	862.	58.	6.
1383	0000	-958	37.5952	80.1891	STC-2	0.3	1.0	4.3 -	3.39	0.24	13.89	860.	58.	7.
1384	0000	-955	37.5957	80.1891	STC-1	0.3 +	0.8	4.0 +	2.50 -	0.21 -	11.80	860.	59.	8.
1385	0000	-956	37.5962	80.1891	STC-2	0.3	0.7 -	4.4	2.15	0.16 -	13.19	878.	57.	9.
1386	0000	-959	37.5966	80.1891	STC-2	0.3	0.6 --	4.6	1.82	0.14 -	13.28	883.	58.	10.
1387	0000	-956	37.5970	80.1891	STC-2	0.4	0.7 --	4.8	1.87	0.14 -	13.63	891.	59.	10.
1388	0000	-953	37.5975	80.1891	STC-2	0.3	0.5 --	5.1	1.54 -	0.10 --	15.68	912.	57.	11.
1389	0010	-956	37.5979	80.1891	STC-2	0.3	0.4 N.A.	5.4	1.09 N.A.	0.06 N.A.	16.79	938.	58.	12.
1390	0000	-957	37.5983	80.1891	STC-2	0.3	0.5 --	5.9	1.73	0.09 ---	19.42 +	974.	57.	11.
1391	0000	-950	37.5988	80.1891	STC-2	0.3 -	0.7 -	6.0	2.52	0.11 --	22.06 +	995.	57.	10.
1392	0000	-951	37.5992	80.1891	DLMU-1	0.3	0.9 -	6.1 +	3.13	0.14 --	22.22 ++	1000.	56.	9.
1393	0000	-955	37.5997	80.1891	DLMU-1	0.2	1.0	5.9 +	4.52	0.17 -	26.63 +++	990.	57.	7.
1394	0000	-950	37.6001	80.1891	DLMU-1	0.2	1.2	5.5	6.05	0.21 -	28.67 +++	953.	56.	6.
1395	0000	-950	37.6005	80.1891	DLMU-1	0.2 -	1.2	4.8	6.93 +	0.25	27.98 +++	878.	58.	5.
1396	0000	-952	37.6010	80.1891	DLMU-1	0.2 -	1.3	4.3	7.60 +	0.31	24.45 ++	808.	57.	4.
1397	0000	-947	37.6014	80.1892	DLMU-1	0.1 -	1.1	3.8	7.88 +	0.30	25.84 +++	724.	58.	4.
1398	0000	-945	37.6019	80.1892	DLMU-1	0.2 -	1.1	3.4	6.41	0.33	19.67 +	658.	57.	4.
1399	0000	-948	37.6023	80.1891	DLMU-1	0.2 -	1.0	3.0	5.92	0.33	18.00 +	597.	58.	4.
1400	0000	-948	37.6028	80.1891	DLMU-1	0.2	0.8 -	2.6 -	4.03	0.33	12.17	552.	55.	5.
1401	0000	-951	37.6032	80.1891	DLMU-1	0.2	0.8 -	2.4 -	3.58	0.32	11.20	531.	55.	5.
1402	0000	-949	37.6036	80.1891	DLMU-1	0.2	0.9	2.1 -	4.79	0.43	11.01	509.	58.	4.
1403	0000	-946	37.6041	80.1891	DLMU-1	0.2 -	0.7 -	2.0 -	4.40	0.35	12.46	498.	59.	5.
1404	0000	-946	37.6045	80.1892	DLMU-1	0.2 -	0.8 -	2.0 -	4.63	0.39	11.91	500.	58.	6.
1405	0000	-943	37.6049	80.1892	DLMU-1	0.1 -	0.8 -	2.0 -	6.21	0.42	14.94	502.	57.	5.
1406	0000	-944	37.6054	80.1892	DLMU-1	0.1 -	0.8 -	1.8 -	5.90	0.44	13.31	499.	58.	6.
1407	0000	-950	37.6059	80.1892	DLMU-1	0.1 -	0.8 -	1.9 -	6.93 +	0.40	17.45 +	507.	59.	6.
1408	0000	-947	37.6063	80.1892	DLMU-1	0.1 -	0.7 -	2.0 -	6.25	0.37	16.90 +	523.	59.	7.
1409	0000	-944	37.6067	80.1892	DLMU-1	0.1 -	0.7 -	2.1 -	4.67	0.31	14.84	552.	58.	8.
1410	0000	-947	37.6072	80.1892	DLMU-1	0.2 -	0.8 -	2.4 -	4.65	0.33	13.92	587.	57.	8.
1411	0000	-947	37.6076	80.1892	DLMU-1	0.2	0.8 -	2.4 -	3.87	0.33	11.58	601.	56.	9.
1412	0000	-946	37.6080	80.1892	DLMU-1	0.2	0.7 -	2.3 -	2.81	0.29	9.83	608.	57.	10.
1413	0000	-946	37.6085	80.1892	DLMU-1	0.2	0.9 -	2.1 -	3.78	0.41	9.15	623.	56.	10.
1414	0000	-943	37.6089	80.1892	DLMU-1	0.2	0.8 -	2.2 -	3.82	0.38	10.19	633.	56.	10.
1415	0000	-944	37.6094	80.1892	DLMU-1	0.2	0.7 -	2.1 -	3.08	0.33	9.29	628.	55.	11.
1416	0000	-946	37.6098	80.1892	DLMU-1	0.2	0.7 -	2.2 -	3.38	0.34	9.97	650.	53.	11.
1417	0000	-947	37.6102	80.1892	DLMU-1	0.2	0.8 -	2.0 -	3.36	0.39	8.61	672.	52.	12.
1418	0000	-941	37.6107	80.1892	DLMU-1	0.2	1.0	2.1 -	4.09	0.47	8.74	729.	51.	12.
1419	0000	-937	37.6111	80.1893	DLMU-1	0.2	1.1	2.2 -	4.66	0.52 +	8.96	791.	51.	13.
1420	0000	-938	37.6115	80.1893	DLMU-1	0.3	1.2	2.5 -	4.23	0.50	8.42	858.	52.	12.
1421	0000	-937	37.6120	80.1892	DLMU-1	0.3	1.5	2.6 -	4.38	0.57 +	7.64	917.	51.	12.
1422	0000	-936	37.6125	80.1892	DLMU-1	0.3	1.9	2.8	5.88	0.66 +	8.88	990.	50.	12.
1423	0000	-938	37.6129	80.1892	DLMU-1	0.3	1.8	2.9	5.27	0.61 +	8.65	1020.	48.	12.
1424	0000	-938	37.6133	80.1892	DLMU-1	0.3	1.7	2.9	4.85	0.57 +	8.44	1026.	52.	13.
1425	0000	-932	37.6138	80.1892	DLMU-1	0.3	1.7	3.0	4.98	0.56 +	8.95	1015.	52.	13.
1426	0000	-933	37.6142	80.1892	DLMU-1	0.3	1.8	2.9	6.15	0.60 +	10.19	999.	51.	13.
1427	0000	-935	37.6146	80.1893	DLMU-1	0.2	1.8	2.9	7.56 +	0.62 +	12.20	987.	50.	13.
1428	0000	-935	37.6151	80.1893	DLMU-1	0.2	1.8	2.8	8.06 +	0.64 +	12.56	978.	47.	13.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1429	0000	-936	37.6155	80.1893	DLMU-1	0.3	1.8	2.7	6.65 +	0.65 +	10.30	966.	50.	12.
1430	0000	-936	37.6160	80.1893	DLMU-1	0.2	2.0 +	2.8	8.09 +	0.71 +	11.35	995.	50.	12.
1431	0000	-933	37.6164	80.1893	DLMU-1	0.3	2.5 +	2.9	8.87 +	0.86 ++	10.34	1046.	48.	11.
1432	0000	-936	37.6168	80.1893	DLMU-1	0.3	2.6 +	3.2	9.03 +	0.81 ++	11.13	1088.	48.	10.
1433	0000	-937	37.6173	80.1893	DLMU-1	0.3	2.5 +	3.3	7.34 +	0.77 ++	9.55	1134.	47.	10.
1434	0000	-932	37.6177	80.1893	DLMU-1	0.4	2.5 +	3.5	6.28	0.72 +	8.77	1172.	47.	10.
1435	0000	-932	37.6181	80.1893	DLMU-1	0.5	2.5 +	3.6	5.11	0.69 +	7.39	1225.	49.	10.
1436	0000	-934	37.6186	80.1893	DLMU-1	0.6	2.7 +	3.9	4.80	0.69 +	6.95	1301.	49.	9.
1437	0000	-931	37.6191	80.1893	DLMU-1	0.7	2.8 +	4.5	4.08	0.62 +	6.56	1342.	51.	8.
1438	0000	-929	37.6195	80.1893	DLMU-1	0.7	2.7 +	4.9	3.75	0.55 +	6.81	1392.	49.	8.
1439	0000	-927	37.6199	80.1893	DLMU-1	0.8	2.8 +	5.1	3.72	0.55 +	6.75	1442.	48.	8.
1440	0000	-929	37.6204	80.1893	DLMU-1	0.8	2.9 +	5.2	3.83	0.56 +	6.84	1464.	49.	8.
1441	0000	-930	37.6208	80.1893	DLMU-1	0.7	3.1 ++	5.2	4.14	0.60 +	6.93	1458.	49.	8.
1442	0000	-927	37.6212	80.1894	DLMU-1	0.7	3.1 ++	5.0	4.84	0.63 +	7.67	1438.	48.	9.
1443	0000	-924	37.6217	80.1894	DLMU-1	0.6	2.9 +	5.1	4.89	0.56 +	8.72	1402.	48.	11.
1444	0000	-923	37.6221	80.1893	DLMU-1	0.5	2.7 +	4.8	5.22	0.56 +	9.25	1376.	49.	13.
1445	0000	-926	37.6225	80.1893	DLMU-1	0.5	2.3 +	4.9	4.57	0.47	9.72	1336.	51.	15.
1446	0000	-931	37.6228	80.1893	DLMU-1	0.5	2.0	4.8	3.79	0.41	9.32	1307.	52.	17.
1447	0000	-925	37.6232	80.1893	DLMU-1	0.6	1.8	4.9	3.12	0.36	8.62	1301.	51.	18.
1448	0000	-919	37.6237	80.1894	DLMU-1	0.6	1.5	4.8	2.35	0.30	7.83	1303.	50.	19.
1449	0000	-923	37.6241	80.1894	DLMU-1	0.7	1.5	4.7	2.04	0.31	6.55	1315.	52.	19.
1450	0000	-924	37.6245	80.1894	DLMU-1	0.8	1.5	4.5	1.96	0.33	5.87 -	1319.	53.	18.
1451	0000	-920	37.6249	80.1894	DLMU-1	0.9 +	1.7	4.6	1.89	0.36	5.20 -	1365.	51.	17.
1452	0000	-918	37.6253	80.1894	DLMU-1	0.9 +	2.2 +	4.1	2.37	0.53 +	4.43 -	1428.	50.	15.
1453	0000	-923	37.6257	80.1894	DLMU-1	0.9 +	2.8 +	4.0	2.91	0.69 +	4.22 -	1521.	48.	13.
1454	0000	-926	37.6262	80.1894	DLMU-1	1.0 +	3.1 ++	3.8	2.95	0.81 ++	3.64 -	1607.	47.	12.
1455	0000	-922	37.6266	80.1894	DLMU-1	1.1 +	3.4 ++	4.2	2.99	0.81 ++	3.69 -	1699.	48.	10.
1456	0000	-921	37.6270	80.1894	DLMU-1	1.2 +	3.5 ++	4.8	2.91	0.73 +	3.99 -	1776.	46.	9.
1457	0000	-922	37.6274	80.1894	DLMU-1	1.2 +	3.6 ++	4.7	2.91	0.78 ++	3.73 -	1853.	45.	9.
1458	0000	-920	37.6278	80.1894	DLMU-1	1.2 +	3.7 ++	4.6	3.00	0.80 ++	3.74 -	1891.	44.	10.
1459	0000	-919	37.6282	80.1894	DLMU-1	1.3 +	3.5 ++	4.8	2.72	0.73 +	3.72 -	1911.	44.	11.
1460	0000	-922	37.6287	80.1895	DLMU-1	1.4 +	3.2 ++	5.0	2.26	0.64 +	3.56 -	1901.	44.	13.
1461	0000	-920	37.6290	80.1895	DLMU-1	1.4 +	3.2 ++	5.2	2.31	0.60 +	3.82 -	1916.	43.	14.
1462	0000	-918	37.6294	80.1895	DLMU-1	1.4 +	3.1 ++	5.5	2.19	0.57 +	3.87 -	1949.	43.	15.
1463	0000	-920	37.6299	80.1895	DLMU-1	1.4 +	3.0 ++	5.6 +	2.06	0.53 +	3.92 -	1984.	46.	17.
1464	0000	-918	37.6303	80.1895	DLMU-1	1.5 +	3.0 ++	5.7 +	2.01	0.52 +	3.85 -	2025.	49.	18.
1465	0000	-914	37.6307	80.1895	DLMU-1	1.6 +	2.8 +	5.8 +	1.77 -	0.49	3.63 -	2057.	51.	19.
1466	0000	-917	37.6311	80.1895	DLMU-1	1.6 +	2.8 +	6.4 +	1.74 -	0.43	4.05 -	2102.	51.	19.
1467	0000	-917	37.6315	80.1895	DLMU-1	1.6 +	2.7 +	6.6 +	1.70 -	0.41	4.18 -	2121.	53.	18.
1468	0000	-914	37.6319	80.1895	DLMU-1	1.6 +	2.5 +	7.0 ++	1.52 -	0.35	4.28 -	2107.	56.	17.
1469	0000	-916	37.6323	80.1895	DLMU-2	1.6	2.3	7.1 -	1.40	0.32	4.42 -	2095.	56.	16.
1470	0000	-919	37.6327	80.1895	DLMU-2	1.6	2.4	7.2 -	1.51	0.33 +	4.55 -	2098.	54.	14.
1471	0000	-916	37.6331	80.1895	DLMU-2	1.6	2.4	7.6	1.50	0.31	4.84 -	2101.	51.	12.
1472	0000	-913	37.6336	80.1896	DLMU-2	1.5	2.4	8.0	1.59	0.30	5.26	2087.	52.	10.
1473	0000	-912	37.6340	80.1896	DLMU-2	1.5	2.4	8.0	1.59	0.30	5.25	2058.	52.	8.
1474	0000	-909	37.6344	80.1896	DLMU-2	1.5	2.5	8.2	1.66	0.31	5.43	2034.	52.	7.
1475	0000	-909	37.6348	80.1896	DLMU-2	1.4	2.3	8.4	1.60	0.27	5.84	2010.	49.	6.
1476	0000	-915	37.6352	80.1895	DLMU-2	1.4	2.4	8.1	1.73	0.30	5.81	1945.	48.	5.
1477	0000	-916	37.6356	80.1895	DLMU-2	1.3	2.2	7.8	1.71	0.29	5.99	1849.	48.	6.
1478	0000	-912	37.6360	80.1897	DLMU-2	1.2	1.9	7.4 -	1.55	0.26	6.05	1740.	48.	8.
1479	0000	-914	37.6365	80.1897	DLMU-1	1.1 +	1.8	7.0 ++	1.62 -	0.26	6.20	1661.	48.	9.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1480	0000	-917	37.6369	80.1896	DLMU-1	1.1 +	1.8	6.6 +	1.63 -	0.26	6.16	1604.	47.	11.
1481	0000	-917	37.6373	80.1896	DLMU-1	1.1 +	1.6	6.4 +	1.52 -	0.25	6.01 -	1598.	48.	12.
1482	0000	-915	37.6377	80.1896	DLMU-1	1.1 +	1.8	6.2 +	1.62 -	0.29	5.68 -	1634.	48.	12.
1483	0000	-909	37.6381	80.1896	DLMU-1	1.1 +	1.8	6.5 +	1.58 -	0.28	5.68 -	1691.	50.	12.
1484	0000	-908	37.6385	80.1897	DLMU-1	1.2 +	2.0	6.6 +	1.59 -	0.30	5.28 -	1766.	49.	12.
1485	0000	-915	37.6389	80.1897	DLMU-2	1.3	2.2	7.0 -	1.62	0.31	5.28	1854.	49.	10.
1486	0000	-913	37.6393	80.1897	DLMU-2	1.4	2.2	7.5 -	1.55	0.29	5.32	1925.	48.	8.
1487	0000	-909	37.6397	80.1897	DLMU-2	1.5	2.2	7.8	1.48	0.28	5.29	1975.	49.	6.
1488	0000	-909	37.6401	80.1897	DLMU-2	1.5	2.3	8.1	1.56	0.29	5.47	1966.	47.	5.
1489	0000	-909	37.6405	80.1897	DLMU-2	1.4	2.3	8.1	1.64	0.28	5.84	1898.	49.	3.
1490	0000	-908	37.6410	80.1897	DLMU-2	1.3	2.3	7.6	1.72	0.30	5.82	1812.	48.	3.
1491	0000	-910	37.6414	80.1897	DLMU-2	1.2	2.1	7.8	1.79	0.28	6.44	1749.	48.	3.
1492	0000	-910	37.6418	80.1897	DLMU-2	1.1	2.1	7.3 -	1.90	0.29	6.50	1680.	51.	5.
1493	0000	-908	37.6422	80.1897	DLMU-2	1.1	2.0	7.1 -	1.91	0.28	6.71	1619.	49.	7.
1494	0000	-910	37.6426	80.1897	DLMU-1	1.0 +	1.9	6.9 ++	1.95	0.28	7.10	1566.	48.	10.
1495	0000	-907	37.6430	80.1897	DLMU-1	0.9 +	1.9	6.6 +	2.03	0.29	6.97	1544.	49.	12.
1496	0000	-904	37.6435	80.1898	DLMU-1	1.0 +	1.8	6.5 +	1.88	0.28	6.84	1549.	49.	15.
1497	0000	-906	37.6439	80.1898	DLMU-1	1.0 +	1.5	6.9 +	1.58 -	0.22 -	7.05	1582.	49.	16.
1498	0000	-904	37.6443	80.1898	DLMU-1	1.0 +	1.6	6.9 +	1.50 -	0.23 -	6.54	1609.	50.	18.
1499	0000	-906	37.6447	80.1898	DLMU-2	1.1	1.4 -	7.3 -	1.33	0.20 -	6.77	1636.	46.	18.
1500	0000	-911	37.6451	80.1898	DLMU-1	1.1 +	1.4	6.9 ++	1.25 -	0.20 -	6.15	1657.	47.	18.
1501	0000	-908	37.6455	80.1898	DLMU-1	1.2 +	1.5	6.7 +	1.32 -	0.23 -	5.82 -	1656.	48.	18.
1502	0000	-906	37.6459	80.1898	DLMU-1	1.1 +	1.4	6.6 +	1.22 -	0.21 -	5.82 -	1632.	48.	18.
1503	0000	-905	37.6463	80.1898	SU	1.1 ++	1.4	6.4 +	1.22 -	0.21	5.76 --	1605.	50.	17.
1504	0000	-904	37.6467	80.1898	SU	1.0 ++	1.5	6.0 +	1.45 -	0.25	5.86 -	1538.	50.	17.
1505	0000	-906	37.6471	80.1898	SU	0.9 +	1.2	5.5	1.35 -	0.22	6.08 -	1452.	48.	18.
1506	0000	-906	37.6475	80.1898	SU	0.8 +	1.1	4.7	1.31 -	0.23	5.68 --	1353.	49.	19.
1507	0000	-901	37.6479	80.1898	SU	0.7 +	1.1	4.7	1.55 -	0.22	6.93 -	1263.	50.	19.
1508	0000	-903	37.6484	80.1899	SU	0.6 +	1.1	4.8	1.87 -	0.23	8.22 -	1209.	49.	18.
1509	0000	-907	37.6488	80.1899	SU	0.5	1.0	4.9	2.05	0.20	10.10	1167.	48.	18.
1510	0000	-906	37.6492	80.1899	SU	0.4	1.2	4.6	2.72	0.25	10.69	1133.	49.	17.
1511	0000	-902	37.6496	80.1899	SU	0.4	1.6	4.6	3.67	0.34	10.83	1150.	49.	16.
1512	0000	-902	37.6500	80.1898	SU	0.4	1.8	5.2	4.03	0.34	11.75	1197.	50.	14.
1513	0000	-907	37.6504	80.1898	SU	0.5	2.0 +	5.7 +	4.21	0.35	12.01	1279.	51.	13.
1514	0000	-906	37.6509	80.1899	SU	0.6	2.2 +	5.9 +	3.92	0.37	10.49	1365.	53.	11.
1515	0000	-902	37.6513	80.1899	SU	0.6 +	2.5 +	6.0 +	3.78	0.41	9.26	1439.	56.	11.
1516	0000	-906	37.6517	80.1899	SU	0.7 +	2.8 ++	5.8 +	4.00	0.49 +	8.21 -	1523.	56.	10.
1517	0000	-907	37.6521	80.1899	SU	0.8 +	3.0 ++	5.7	3.88	0.53 +	7.33 -	1574.	55.	9.
1518	0000	-904	37.6525	80.1899	SU	0.8 +	2.8 ++	5.8 +	3.63	0.49 +	7.45 -	1585.	56.	9.
1519	0000	-903	37.6529	80.1899	SU	0.8 +	2.9 ++	5.5	3.57	0.52 +	6.88 -	1565.	55.	9.
1520	0000	-904	37.6534	80.1899	SU	0.7 +	3.0 ++	5.1	4.24	0.59 +	7.19 -	1501.	57.	9.
1521	0000	-901	37.6537	80.1899	SU	0.6 +	2.9 ++	4.7	4.63	0.62 +	7.48 -	1419.	56.	8.
1522	0000	-900	37.6541	80.1899	SU	0.5	2.6 +	4.2	4.87	0.62 +	7.85 -	1315.	54.	8.
1523	0000	-904	37.6545	80.1899	SU	0.5	2.4 +	3.9	5.16	0.61 +	8.41 -	1204.	55.	9.
1524	0000	-904	37.6549	80.1899	SU	0.4	2.1 +	3.7	5.62	0.56 +	10.04	1124.	58.	9.
1525	0000	-900	37.6553	80.1899	SU	0.4	1.9 +	3.6	5.34	0.54 +	9.95	1073.	56.	9.
1526	0000	-902	37.6558	80.1900	SU	0.3	1.7	3.3	5.98	0.52 +	11.44	1006.	57.	10.
1527	0000	-906	37.6562	80.1900	SU	0.3	1.6	3.4	5.70	0.47 +	12.08	960.	56.	9.
1528	0000	-905	37.6566	80.1900	SU	0.3	1.6	3.4	6.22 +	0.47 +	13.33	925.	56.	9.
1529	0000	-902	37.6570	80.1900	SU	0.2	1.6	3.5	6.53 +	0.46 +	14.16	906.	56.	8.
1530	0000	-900	37.6574	80.1900	SU	0.3	1.4	3.8	5.46	0.38	14.53	898.	57.	7.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1531	0000	-900	37.6578	80.1900 SU	0.3	1.4	4.2	4.75	0.33	14.26	906.	55.	6.
1532	0000	-900	37.6583	80.1900 SU	0.3	1.6	4.3	5.32	0.38	14.06	913.	54.	5.
1533	0000	-901	37.6587	80.1900 SU	0.4	1.7	4.4	4.88	0.39	12.52	947.	52.	5.
1534	0000	-900	37.6591	80.1900 SU	0.3	1.6	4.4	4.79	0.38	12.70	956.	54.	5.
1535	0000	-895	37.6595	80.1900 SU	0.4	1.6	4.5	4.37	0.36	12.11	971.	54.	5.
1536	0000	-896	37.6599	80.1900 SU	0.4	1.5	4.9	3.79	0.32	12.01	993.	55.	6.
1537	0000	-902	37.6603	80.1900 SU	0.4	1.6	5.0	4.04	0.32	12.74	1001.	54.	7.
1538	0000	-899	37.6607	80.1901 SU	0.4	1.5	5.0	4.12	0.30	13.68	1004.	54.	8.
1539	0000	-895	37.6611	80.1901 SU	0.3	1.2	5.2	3.34	0.22	15.13	995.	56.	9.
1540	0000	-901	37.6615	80.1901 SU	0.3	1.2	5.5	3.61	0.23	15.88	998.	57.	9.
1541	0000	-906	37.6619	80.1901 OMUU	0.4	1.3	5.5	3.38	0.24	14.22 +	1035.	56.	10.
1542	0000	-904	37.6624	80.1901 OMUU	0.4	1.4	5.8	3.53	0.24	14.54 +	1078.	54.	9.
1543	0000	-896	37.6627	80.1901 OMUU	0.4	1.5	6.2	4.31 +	0.25	17.33 +	1116.	56.	9.
1544	0000	-893	37.6632	80.1902 OMUU	0.4	1.5	6.6	3.79	0.22	16.96 +	1152.	55.	8.
1545	0000	-896	37.6636	80.1902 OMUU	0.4	1.6	6.6	4.13 +	0.24	17.00 +	1168.	55.	7.
1546	0000	-893	37.6640	80.1902 OMUU	0.4	1.7	6.8	4.19 +	0.25	16.63 +	1189.	57.	7.
1547	0000	-894	37.6644	80.1902 OMUU	0.4	1.6	6.8	3.70	0.23	15.75 +	1189.	58.	7.
1548	0000	-898	37.6648	80.1901 OMUU	0.4	1.6	7.0	3.98 +	0.23	17.27 +	1180.	58.	7.
1549	0000	-900	37.6652	80.1901 OMUU	0.4	1.4	7.0	3.49	0.21	16.74 +	1163.	57.	8.
1550	0000	-901	37.6657	80.1902 OMUU	0.4	1.3	6.6	2.95	0.20	14.76 +	1134.	55.	8.
1551	0000	-902	37.6661	80.1902 OMUU	0.4	1.5	6.0	3.62	0.25	14.28 +	1101.	57.	8.
1552	0000	-905	37.6665	80.1902 OMUU	0.4	1.5	5.8	3.43	0.26	13.27 +	1052.	57.	9.
1553	0000	-907	37.6669	80.1902 OMUU	0.4	1.6	5.1	4.01 +	0.31	13.04 +	999.	55.	9.
1554	0000	-904	37.6673	80.1902 OMUU	0.4	1.6	4.6	4.37 +	0.34	12.76 +	957.	56.	8.
1555	0000	-904	37.6677	80.1902 OMUU	0.4	1.5	4.3	4.04 +	0.36	11.33	927.	54.	7.
1556	0000	-905	37.6682	80.1902 OMUU	0.4	1.7	3.9	4.35 +	0.43 +	10.18	910.	57.	6.
1557	0000	-905	37.6685	80.1902 OMUU	0.4	1.7	3.6 -	4.10 +	0.46 +	8.81	898.	60.	5.
1558	0000	-906	37.6690	80.1902 OMUU	0.5	1.7	4.0	3.37	0.42 +	8.10	927.	58.	3.
1559	0000	-905	37.6694	80.1902 OMUU	0.6	1.6	4.6	2.70	0.35	7.63	993.	59.	3.
1560	0000	-905	37.6697	80.1902 OMUU	0.7	1.5	4.9	2.04	0.31	6.61	1087.	60.	2.
1561	0000	-908	37.6701	80.1902 OMUU	0.8	1.6	5.5	2.00	0.30	6.66	1194.	60.	2.
1562	0000	-909	37.6706	80.1903 OMUU	1.0	1.4	6.1	1.49	0.24	6.25	1295.	62.	3.
1563	0000	-906	37.6710	80.1903 OMUU	1.1	1.2	6.6	1.02 -	0.18 -	5.80	1391.	62.	5.
1564	0000	-904	37.6714	80.1903 OMUU	1.3 +	1.4	6.6	1.06 -	0.21	5.09 -	1523.	60.	6.
1565	0000	-906	37.6718	80.1903 OMUU	1.4 +	1.3	6.6	0.97 -	0.20	4.89 -	1613.	62.	8.
1566	0000	-906	37.6722	80.1903 OMUU	1.4 +	1.4	7.0	1.01 -	0.20	4.93 -	1697.	58.	9.
1567	0000	-903	37.6726	80.1903 OMUU	1.5 +	1.5	6.6	1.01 -	0.23	4.49 -	1735.	58.	10.
1568	0000	-903	37.6731	80.1903 OMUU	1.5 +	1.4	6.9	0.93 -	0.21	4.48 -	1758.	59.	10.
1569	0000	-903	37.6735	80.1903 OMUU	1.5 +	1.9	6.7	1.26 -	0.29	4.40 -	1791.	57.	10.
1570	0000	-903	37.6739	80.1903 OMUU	1.5 +	2.1 +	6.7	1.43	0.31	4.55 -	1811.	57.	9.
1571	0000	-903	37.6743	80.1903 OMUU	1.4 +	1.9	7.7 +	1.35	0.25	5.37 -	1808.	55.	9.
1572	0000	-901	37.6747	80.1903 OMUU	1.4 +	1.8	7.8 +	1.27	0.23	5.44 -	1808.	56.	9.
1573	0000	-901	37.6751	80.1903 OMUU	1.4 +	1.9	7.7 +	1.37	0.24	5.60 -	1809.	59.	9.
1574	0000	-904	37.6756	80.1904 OMUU	1.3 +	1.9	8.5 +	1.42	0.22	6.38	1833.	59.	8.
1575	0000	-905	37.6760	80.1904 OMUU	1.3 +	2.1 +	8.8 +	1.58	0.24	6.64	1865.	58.	8.
1576	0000	-905	37.6764	80.1904 OMUU	1.3 +	1.9	9.3 ++	1.50	0.21	7.21	1882.	57.	7.
1577	0000	-901	37.6767	80.1904 OMUU	1.3 +	2.0	9.4 ++	1.52	0.21	7.29	1889.	57.	7.
1578	0000	-897	37.6772	80.1904 OMUU	1.3 +	2.0	9.1 +	1.54	0.21	7.17	1886.	56.	7.
1579	0000	-902	37.6776	80.1904 OMUU	1.3 +	2.3 +	8.9 +	1.81	0.26	7.00	1905.	54.	6.
1580	0000	-903	37.6780	80.1904 OMUU	1.4 +	2.2 +	9.0 +	1.59	0.24	6.56	1904.	53.	7.
1581	0000	-900	37.6784	80.1904 OMUU	1.4 +	2.1 +	9.2 +	1.49	0.23	6.59	1900.	51.	7.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 120, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1582	0000	-901	37.6788	80.1904	OMUU	1.4 +	1.7	9.1 +	1.21 -	0.19	6.33	1870.	51.	8.
1583	0000	-898	37.6792	80.1904	OMUU	1.4 +	1.4	8.7 +	0.95 -	0.16 -	6.06	1819.	51.	10.
1584	0000	-895	37.6796	80.1904	OMUU	1.4 +	1.1	8.5	0.83 -	0.13 -	6.19	1763.	51.	11.
1585	0000	-898	37.6800	80.1904	OMUU	1.3 +	1.2	8.0	0.95 -	0.15 -	6.34	1691.	52.	12.
1586	0000	-895	37.6804	80.1904	OMUU	1.2 +	0.9 -	7.6 +	0.76 -	0.12 --	6.50	1595.	51.	14.
1587	0000	-891	37.6809	80.1905	OB-1	1.0	0.9 -	7.0 +	0.87 -	0.12 --	7.02	1494.	52.	15.
1588	0000	-894	37.6814	80.1904	OB-1	0.8	0.7 -	6.2 +	0.87 -	0.12 ---	7.34	1377.	52.	16.
1589	0000	-894	37.6818	80.1904	OB-1	0.7	0.8 -	5.8	1.24	0.14 --	8.65	1266.	52.	16.
1590	0000	-894	37.6822	80.1904	OB-1	0.6	0.8 -	5.5	1.42	0.15 --	9.55	1163.	52.	16.
1591	0000	-897	37.6827	80.1904	OB-1	0.5	0.9 -	5.1	1.96	0.18 -	11.00 +	1084.	53.	15.
1592	0000	-895	37.6831	80.1904	OB-1	0.4	0.8 -	4.7	2.00	0.18 -	11.34 +	1002.	54.	15.
1593	0000	-891	37.6835	80.1904	OB-1	0.3 -	0.9 -	4.5	2.63	0.20 -	13.48 +	940.	54.	14.
1594	0000	-895	37.6840	80.1904	OB-1	0.3 -	0.8 -	4.3	2.45	0.19 -	12.87 +	895.	54.	13.
1595	0000	-898	37.6844	80.1904	OB-1	0.3 -	0.9 -	4.2	2.65	0.20 -	13.05 +	875.	55.	12.
1596	0000	-894	37.6849	80.1904	OB-1	0.4 -	0.8 -	4.1	2.20	0.20 -	11.13 +	874.	55.	11.
1597	0000	-893	37.6853	80.1904	OB-1	0.4	1.1	3.8	2.77	0.28	9.72	904.	53.	11.
1598	0000	-893	37.6858	80.1904	OB-1	0.4	1.0 -	3.8	2.37	0.27	8.95	922.	51.	11.
1599	0000	-893	37.6862	80.1904	OMUU	0.5	1.1	4.1	2.50	0.28	8.86	957.	52.	10.
1600	0000	-897	37.6866	80.1904	OMUU	0.5	1.1	4.2	2.12	0.26	8.28	976.	54.	11.
1601	0000	-897	37.6871	80.1904	OMUU	0.5	1.3	4.4	2.69	0.29	9.20	985.	54.	10.
1602	0000	-893	37.6875	80.1904	OMUU	0.5	1.3	4.3	2.72	0.30	9.14	979.	54.	10.
1603	0000	-895	37.6880	80.1904	OMUU	0.4	1.4	4.2	3.28	0.33	9.95	970.	55.	10.
1604	0000	-900	37.6884	80.1904	OMUU	0.3	1.4	4.3	4.15 +	0.33	12.70 +	940.	56.	9.
1605	0000	-896	37.6888	80.1904	SU	0.3	1.5	4.3	5.14	0.35	14.62	932.	56.	8.
1606	0000	-892	37.6893	80.1904	SU	0.3	1.3	4.4	4.70	0.30	15.85	891.	55.	9.
1607	0000	-897	37.6897	80.1904	SU	0.2	1.4	4.3	6.68 +	0.32	20.93 +	852.	54.	8.
1608	0000	-898	37.6901	80.1904	SU	0.2 -	1.2	4.3	6.28 +	0.28	22.23 +	820.	55.	9.
1609	0000	-894	37.6906	80.1904	SU	0.2 -	1.1	4.1	7.19 +	0.28	26.12 ++	794.	53.	10.
1610	0000	-896	37.6911	80.1904	SU	0.2 -	0.9	3.9	5.23	0.22	23.42 +	752.	55.	12.
1611	0000	-899	37.6914	80.1903	SU	0.2 -	0.6 -	3.8	3.15	0.15 -	20.80 +	714.	56.	14.
1612	0000	-900	37.6919	80.1903	SU	0.2 -	0.3 ---	3.5	1.83 -	0.09 --	19.34 +	648.	58.	16.
1613	0010	-899	37.6924	80.1903	SU	0.2 -	0.1 N.A.	3.2	0.47 N.A.	0.02 N.A.	20.24 +	619.	60.	18.
1614	0010	-900	37.6928	80.1903	SU	0.2 -	0.0 N.A.	3.3	0.0 N.A.	0.0 N.A.	21.81 +	608.	61.	19.
1615	0010	-903	37.6932	80.1903	SU	0.2 -	0.0 N.A.	3.2	0.0 N.A.	0.0 N.A.	16.24	604.	61.	21.
1616	0010	-898	37.6937	80.1903	SU	0.2	0.0 N.A.	3.2	0.0 N.A.	0.0 N.A.	15.08	607.	62.	20.
1617	0010	-895	37.6941	80.1903	SU	0.2	0.0 N.A.	3.5	0.0 N.A.	0.0 N.A.	16.49	628.	62.	20.
1618	0010	-900	37.6945	80.1903	SU	0.2	0.0 N.A.	3.6	0.20 N.A.	0.01 N.A.	15.93	669.	61.	18.
1619	0000	-899	37.6950	80.1903	SU	0.3	0.2 ---	3.9	0.79 --	0.05 ---	14.86	735.	60.	17.
1620	0000	-899	37.6954	80.1903	DLMU-1	0.3	0.5 --	4.2	1.47 -	0.11 ---	13.19	806.	61.	14.
1621	0000	-902	37.6959	80.1903	DLMU-1	0.4	0.6 --	4.8	1.66 -	0.13 --	13.00	893.	60.	12.
1622	0000	-900	37.6963	80.1903	DLMU-1	0.4	0.9	5.5 +	2.36	0.17 -	14.16	976.	62.	9.
1623	0000	-899	37.6967	80.1903	DLMU-1	0.4	1.2	6.2 +	3.00	0.20 -	15.05	1070.	61.	7.
1624	0000	-903	37.6972	80.1903	DLMU-1	0.4	1.6	6.4 +	3.83	0.26	14.96	1153.	60.	5.
1625	0000	-903	37.6977	80.1903	DLMU-1	0.4	2.0 +	6.5 +	4.52	0.30	14.81	1201.	64.	3.
1626	0000	-900	37.6980	80.1903	DLMU-1	0.4	2.3 +	7.0 ++	5.74	0.33	17.18 +	1250.	64.	2.
1627	0000	-903	37.6985	80.1903	DLMU-2	0.4 ---	2.5	7.4 -	5.65 +++	0.33 +	16.87 +++	1288.	61.	1.
1628	0000	-903	37.6990	80.1903	DLMU-2	0.4 ---	2.5	7.4 -	5.88 +++	0.34 +	17.11 +++	1290.	64.	1.
1629	0000	-901	37.6994	80.1903	DLMU-2	0.4 ---	2.5	7.3 -	6.88 +++	0.35 +	19.73 +++	1273.	65.	1.
1630	0000	-900	37.6998	80.1903	SU	0.4	2.3 +	7.0 +	6.61 +	0.33	19.83 +	1229.	67.	2.
1631	0000	-902	37.7003	80.1903	SU	0.3	2.1 +	6.9 +	6.32 +	0.31	20.64 +	1176.	66.	3.
1632	0000	-898	37.7007	80.1903	SU	0.3	2.0 +	6.7 +	6.68 +	0.29	22.92 +	1135.	61.	4.

CP 9 LP 12

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1084

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1633	0000	-898	37.7012	80.1903	SU	0.3	1.5	6.5 +	4.89	0.23	21.06 +	1077.	59.	5.
1634	0000	-902	37.7016	80.1903	SU	0.2	1.3	6.1 +	5.87	0.21	27.42 ++	1000.	59.	7.
1635	0000	-902	37.7020	80.1903	SU	0.2	1.3	5.4	6.10 +	0.24	25.65 +	931.	57.	8.
1636	0000	-901	37.7025	80.1903	SU	0.2	1.3	4.7	5.68	0.27	20.83 +	876.	53.	8.
1637	0000	-900	37.7029	80.1903	SU	0.2 -	1.2	4.4	6.30 +	0.27	23.33 +	825.	50.	9.
1638	0000	-897	37.7033	80.1903	SU	0.2 -	1.0	3.9	5.20	0.24	21.50 +	783.	49.	9.
1639	0000	-897	37.7038	80.1903	SU	0.2 -	0.8 -	3.8	4.21	0.20	21.09 +	732.	53.	10.
1640	0000	-901	37.7042	80.1903	SU	0.2 -	0.9	3.3	5.19	0.29	18.04 +	707.	54.	11.
1641	0000	-901	37.7047	80.1903	SU	0.2 -	1.0	2.9 -	5.31	0.36	14.73	706.	56.	10.
1642	0000	-897	37.7051	80.1903	SU	0.2 -	0.9	3.0	5.49	0.31	17.60	694.	55.	11.
1643	0000	-897	37.7056	80.1903	SU	0.1 -	1.0	3.0	6.83 +	0.34	20.22 +	701.	55.	11.
1644	0000	-900	37.7060	80.1903	SU	0.2 -	1.0	3.0	6.52 +	0.34	19.06 +	714.	55.	11.
1645	0000	-896	37.7064	80.1903	SU	0.1 -	1.3	3.1	8.39 +	0.40	21.04 +	736.	56.	11.
1646	0000	-893	37.7069	80.1903	SU	0.2	1.3	3.3	6.01	0.38	15.73	766.	52.	10.
1647	0000	-894	37.7073	80.1903	SU	0.2 -	1.3	3.5	7.37 +	0.37	19.70 +	778.	50.	10.
1648	0000	-896	37.7078	80.1903	SU	0.1 -	1.5	3.5	10.07 +	0.43	23.59 +	786.	48.	10.
1649	0000	-896	37.7082	80.1902	SU	0.2 -	1.6	3.2	10.13 +	0.50 +	20.33 +	804.	47.	10.
1650	0000	-891	37.7086	80.1902	SU	0.2 -	1.5	2.9 -	9.24 +	0.53 +	17.28	802.	48.	10.
1651	0000	-891	37.7091	80.1902	SU	0.2 -	1.5	2.8 -	8.09 +	0.54 +	15.01	791.	49.	11.
1652	0000	-893	37.7095	80.1902	SU	0.2 -	1.5	2.3 -	8.28 +	0.69 ++	12.07	756.	50.	11.
1653	0000	-891	37.7099	80.1902	SU	0.1 -	1.8	1.9 --	13.90 ++	0.97 +++	14.38	736.	49.	10.
1654	0000	-891	37.7104	80.1902	DLMU-1	0.1 -	1.9	1.7 -	13.34 ++	1.12 +++	11.91	709.	49.	9.
1655	0000	-891	37.7108	80.1902	DLMU-1	0.2 -	1.7	1.7 -	9.47 +	0.99 ++	9.55	680.	50.	8.
1656	0000	-890	37.7112	80.1902	DLMU-1	0.2 -	1.5	1.8 -	8.69 +	0.82 ++	10.56	650.	50.	7.
1657	0000	-891	37.7117	80.1902	DLMU-1	0.2 -	1.6	1.9 -	9.49 +	0.87 ++	10.91	626.	50.	5.
1658	0000	-894	37.7122	80.1902	DLMU-1	0.2 -	1.7	1.9 -	10.74 +	0.89 ++	12.08	620.	48.	4.
1659	0000	-892	37.7126	80.1902	DLMU-1	0.2 -	1.6	2.0 -	9.56 +	0.78 ++	12.19	626.	49.	3.
1660	0000	-890	37.7130	80.1902	DLMU-1	0.2 -	1.4	2.3 -	7.90 +	0.62 +	12.67	628.	50.	3.
1661	0000	-889	37.7135	80.1902	DLMU-1	0.2 -	1.3	2.2 -	6.96 +	0.60 +	11.57	645.	50.	3.
1662	0000	-889	37.7139	80.1902	DLMU-1	0.2 -	1.6	1.9 -	8.98 +	0.81 ++	11.05	658.	51.	3.
1663	0000	-890	37.7144	80.1902	DLMU-1	0.2	1.5	1.7 -	7.11 +	0.92 ++	7.74	681.	49.	4.
1664	0000	-890	37.7148	80.1902	DLMU-1	0.2	1.6	1.7 -	8.08 +	0.95 ++	8.55	698.	51.	4.
1665	0000	-888	37.7152	80.1902	DLMU-1	0.2	1.7	1.5 -	8.56 +	1.19 +++	7.19	704.	52.	4.
1666	0000	-887	37.7157	80.1902	DLMU-1	0.2	1.6	1.6 -	7.56 +	1.02 ++	7.40	702.	51.	5.
1667	0000	-889	37.7161	80.1902	DLMU-1	0.2	1.6	1.3 -	8.29 +	1.24 +++	6.69	703.	53.	6.
1668	0000	-886	37.7165	80.1902	DLMU-1	0.2	1.6	1.5 -	8.00 +	1.04 ++	7.66	692.	53.	6.
1669	0000	-886	37.7170	80.1902	DLMU-1	0.2	1.4	1.8 -	7.00 +	0.81 ++	8.64	690.	54.	7.
1670	0000	-890	37.7174	80.1902	DLMU-1	0.2 -	1.3	1.9 -	6.84 +	0.68 +	10.03	666.	55.	8.
1671	0000	-886	37.7178	80.1902	DLMU-1	0.2	0.9	2.0 -	4.41	0.47	9.45	658.	53.	10.
1672	0000	-882	37.7183	80.1901	DLMU-1	0.2	0.7 -	2.3 -	3.06	0.30	10.10	659.	52.	11.
1673	0000	-884	37.7188	80.1902	DLMU-1	0.2	0.6 -	2.3 -	3.10	0.28	10.93	656.	51.	12.
1674	0000	-885	37.7192	80.1902	DLMU-1	0.2	0.6 --	2.4 -	2.90	0.25	11.60	647.	48.	13.
1675	0000	-884	37.7196	80.1902	DB-1	0.2	0.6 -	2.0	3.09	0.30	10.32	629.	48.	14.
1676	0000	-886	37.7201	80.1902	DB-1	0.2	0.5 -	1.8	2.69	0.27 -	9.88	607.	47.	14.
1677	0000	-882	37.7205	80.1902	DB-1	0.2 -	0.6	1.8	4.16	0.35	11.77	599.	47.	13.
1678	0000	-879	37.7210	80.1902	DB-1	0.1 -	0.6 -	1.7 -	4.21	0.37	11.50	581.	48.	13.
1679	0000	-883	37.7214	80.1902	DB-1	0.1 -	0.7	1.4 -	5.12	0.52	9.91	550.	48.	12.
1680	0000	-883	37.7218	80.1902	DB-1	0.1 -	0.7	1.3 -	5.59	0.57	9.89	535.	47.	11.
1681	0000	-881	37.7223	80.1902	DB-1	0.1 -	0.7	1.3 -	4.72	0.52	9.12	501.	49.	10.
1682	0000	-884	37.7227	80.1902	DB-1	0.1 -	0.7	1.3 -	5.25	0.49	10.68	486.	48.	9.
1683	0000	-885	37.7231	80.1902	DB-1	0.1 -	0.7	1.5 -	6.26 +	0.45	14.01 +	471.	49.	8.

CP9 LP12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1085

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1684	0000	-880	37.7236	80.1902	DB-1	0.1 -	0.8	1.4 -	7.66 ++	0.57 +	13.34 +	460.	49.	8.
1685	0000	-879	37.7240	80.1902	DB-1	0.1 -	0.9	1.2 -	7.37 ++	0.74 ++	9.99	460.	49.	7.
1686	0000	-879	37.7244	80.1902	DB-1	0.1 -	0.8	1.4 -	6.94 +	0.56	12.37 +	468.	52.	8.
1687	0000	-880	37.7249	80.1901	DB-1	0.1 -	0.9	1.3 -	6.24 +	0.74 ++	8.42	478.	56.	7.
1688	0000	-881	37.7254	80.1901	DB-1	0.2	0.8	1.4 -	4.42	0.58 +	7.58	518.	55.	8.
1689	0000	-879	37.7258	80.1901	DB-1	0.2	0.9	1.6 -	4.51	0.58 +	7.80	567.	54.	8.
1690	0000	-876	37.7262	80.1901	DB-1	0.3	0.9	1.5 -	3.60	0.61 +	5.88 -	622.	51.	9.
1691	0000	-877	37.7267	80.1901	DB-1	0.3	1.1	1.7 -	3.47	0.65 +	5.34 -	683.	52.	10.
1692	0000	-878	37.7271	80.1901	DB-1	0.3	1.3	1.9	4.67	0.70 +	6.71 -	744.	53.	11.
1693	0000	-877	37.7276	80.1901	DB-1	0.3	1.2	2.4	3.54	0.49	7.22	809.	50.	12.
1694	0000	-878	37.7280	80.1901	DB-1	0.4	1.2	2.9	3.44	0.42	8.11	884.	48.	12.
1695	0000	-878	37.7284	80.1901	DB-1	0.5 +	1.5 +	3.2	3.34	0.48	6.91	976.	49.	13.
1696	0000	-875	37.7289	80.1901	DB-1	0.6 +	1.5 +	3.2 +	2.53	0.45	5.56 -	1052.	51.	14.
1697	0000	-875	37.7293	80.1901	DB-1	0.6 +	1.7 +	3.6 +	2.62	0.47	5.62 -	1156.	52.	15.
1698	0000	-875	37.7297	80.1901	DB-2	0.7 -	1.6 -	4.3 --	2.37	0.37 +	6.40	1242.	52.	15.
1699	0000	-875	37.7302	80.1900	DB-2	0.8	1.3 -	4.9 --	1.57	0.27	5.84	1310.	49.	15.
1700	0000	-874	37.7307	80.1900	DB-2	0.9	1.4 -	5.1 --	1.49	0.28	5.43 -	1406.	50.	14.
1701	0000	-871	37.7310	80.1900	DB-2	1.0	1.5 -	5.7 -	1.53	0.27	5.71	1499.	50.	14.
1702	0000	-871	37.7315	80.1900	DB-2	1.1	1.7	6.5 -	1.56	0.26	6.13	1597.	49.	13.
1703	0000	-870	37.7320	80.1900	DB-2	1.1	2.1	7.4	1.90	0.28	6.79	1702.	50.	12.
1704	0000	-868	37.7324	80.1900	DB-2	1.1	2.4	8.0	2.09	0.30	6.98	1795.	49.	10.
1705	0000	-867	37.7328	80.1900	DB-2	1.2	2.6	8.4	2.18	0.31	7.07	1873.	51.	10.
1706	0000	-868	37.7333	80.1900	DB-2	1.2	3.1 +	8.5	2.50	0.36 +	6.88	1962.	52.	8.
1707	0000	-867	37.7337	80.1900	DB-2	1.2	3.5 ++	8.6	2.87 +	0.40 +	7.15	1984.	53.	8.
1708	0000	-867	37.7342	80.1900	DB-2	1.2	3.4 ++	8.3	2.84 +	0.41 +	6.88	1941.	51.	7.
1709	0000	-865	37.7346	80.1900	DB-2	1.1	3.4 ++	7.8	3.17 +	0.44 +	7.21	1859.	52.	6.
1710	0000	-864	37.7350	80.1900	DB-2	1.0	3.1 +	7.5	3.08 +	0.42 +	7.30	1764.	50.	7.
1711	0000	-866	37.7355	80.1900	DB-2	0.9	2.8 +	7.1	2.94 +	0.39 +	7.55	1653.	51.	6.
1712	0000	-864	37.7359	80.1900	DB-2	0.9	2.7	6.3 -	2.84 +	0.42 +	6.77	1592.	49.	7.
1713	0000	-862	37.7363	80.1900	DB-2	0.8	2.5	6.4 -	3.01 +	0.39 +	7.73	1548.	51.	8.
1714	0000	-864	37.7368	80.1900	DB-2	0.9	2.4	6.4 -	2.72 +	0.38 +	7.26	1540.	49.	9.
1715	0000	-865	37.7372	80.1900	DB-2	0.8	2.3	6.4 -	2.79 +	0.35 +	7.87	1569.	49.	11.
1716	0000	-864	37.7377	80.1900	DB-2	0.9	2.0	6.6 -	2.28	0.31	7.37	1593.	49.	12.
1717	0000	-865	37.7381	80.1900	DB-2	1.0	2.0	7.3	2.05	0.28	7.43	1656.	48.	13.
1718	0000	-864	37.7386	80.1900	DB-2	1.1	2.1	7.4	1.93	0.28	6.98	1729.	46.	15.
1719	0000	-861	37.7390	80.1900	DB-2	1.1	2.2	7.6	1.91	0.29	6.69	1795.	47.	16.
1720	0000	-858	37.7394	80.1900	DB-2	1.2	2.1	7.9	1.69	0.26	6.46	1856.	46.	17.
1721	0000	-858	37.7398	80.1900	DB-2	1.3	2.0	8.2	1.51	0.24	6.18	1946.	47.	16.
1722	0000	-860	37.7403	80.1900	DB-2	1.7 +	2.1	9.2	1.27 -	0.23	5.54	2131.	47.	15.
1723	0000	-859	37.7407	80.1900	DB-2	1.7 +	2.3	9.6	1.34	0.24	5.59	2223.	48.	14.
1724	0000	-859	37.7412	80.1900	DB-2	1.8 +	2.3	9.1	1.32	0.26	5.14 -	2271.	48.	14.
1725	0000	-859	37.7415	80.1900	DB-2	1.9 +	2.3	9.3	1.24 -	0.25	4.99 -	2291.	51.	13.
1726	0000	-860	37.7420	80.1901	DB-2	1.9 +	2.2	9.5	1.16 -	0.23	5.08 -	2320.	49.	12.
1727	0000	-858	37.7424	80.1901	DB-2	2.0 ++	2.2	10.5 +	1.07 -	0.21	5.19 -	2384.	48.	12.
1728	0000	-855	37.7429	80.1901	DB-2	2.0 ++	2.2	10.8 +	1.12 -	0.21	5.43 -	2413.	49.	12.
1729	0000	-854	37.7433	80.1900	DB-2	1.8 +	2.1	10.2 +	1.12 -	0.20	5.59	2321.	51.	13.
1730	0000	-854	37.7437	80.1900	DB-2	1.8 +	2.1	10.0 +	1.15 -	0.21	5.39 -	2301.	50.	14.
1731	0000	-855	37.7441	80.1900	DB-2	1.8 +	2.3	10.0 +	1.30	0.23	5.62	2311.	51.	14.
1732	0000	-855	37.7446	80.1900	DB-2	1.8 +	2.3	10.4 +	1.27 -	0.22	5.83	2351.	51.	15.
1733	0000	-854	37.7450	80.1900	DB-2	1.8 +	2.1	10.4 +	1.16 -	0.20	5.72	2347.	51.	16.
1734	0000	-853	37.7455	80.1900	DB-2	1.7 +	2.0	9.6	1.17 -	0.21	5.61	2279.	54.	16.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1735	0000	-854	37.7458	80.1901	DB-2	1.6 +	2.1	9.	1.27 -	0.22	5.65	2210.	51.	16.
1736	0000	-853	37.7463	80.1901	DB-2	1.6 +	2.2	9 1	1.38	0.24	5.77	2192.	49.	16.
1737	0000	-853	37.7467	80.1901	DB-2	1.6 +	2.2	9.4	1.36	0.23	5.80	2241.	51.	15.
1738	0000	-854	37.7472	80.1901	DB-2	1.7 +	2.1	9.4	1.28 -	0.23	5.66	2236.	51.	14.
1739	0000	-853	37.7476	80.1901	DB-2	1.7 +	2.1	9.0	1.27 -	0.23	5.42 -	2181.	50.	14.
1740	0000	-852	37.7480	80.1901	DB-2	1.6 +	2.2	8.9	1.38	0.24	5.65	2142.	51.	14.
1741	0000	-849	37.7485	80.1901	DCH	1.5 +	2.6	8.8	1.73	0.30	5.82 -	2141.	48.	13.
1742	0000	-848	37.7489	80.1901	DCH	1.5 +	2.4	9.0	1.53	0.26	5.80 -	2147.	50.	14.
1743	0000	-849	37.7493	80.1901	DCH	1.5 +	2.5	9.0	1.67	0.28	6.04 -	2151.	51.	15.
1744	0000	-846	37.7498	80.1902	DCH	1.3	2.7	9.1	2.02	0.30	6.82	2140.	51.	16.
1745	0000	-848	37.7502	80.1902	DCH	1.3	2.5	8.9	1.92	0.28	6.81	2161.	51.	18.
1746	0000	-851	37.7506	80.1902	DCH	1.2	2.8 +	9.6	2.30	0.29	7.92	2256.	50.	19.
1747	0000	-847	37.7510	80.1902	DCH	1.3	2.7 +	10.8	2.07	0.25	8.20	2380.	48.	19.
1748	0000	-844	37.7515	80.1902	DCH	1.4 +	2.5	10.9	1.78	0.23	7.76	2476.	50.	21.
1749	0000	-846	37.7519	80.1901	DCH	1.5 +	2.5	11.3 +	1.71	0.22	7.66	2562.	50.	20.
1750	0000	-849	37.7523	80.1901	DCH	1.6 +	2.5	11.8 +	1.55	0.21	7.38	2646.	49.	20.
1751	0000	-846	37.7527	80.1901	DCH	1.7 ++	2.2	11.9 +	1.29 -	0.19 -	6.85	2677.	48.	19.
1752	0000	-843	37.7532	80.1901	DCH	1.8 ++	2.7 +	12.3 +	1.50	0.22	6.84	2722.	49.	17.
1753	0000	-845	37.7536	80.1901	DCH	2.0 ++	2.6	12.0 +	1.32 -	0.22	6.10 -	2733.	51.	16.
1754	0000	-845	37.7541	80.1902	DCH	1.9 ++	2.6	11.6 +	1.35 -	0.22	6.08 -	2699.	51.	15.
1755	0000	-843	37.7545	80.1902	DCH	1.9 ++	2.6	11.7 +	1.38 -	0.22	6.13 -	2644.	47.	14.
1756	0000	-844	37.7549	80.1902	DCH	1.8 ++	3.0 +	11.0 +	1.64	0.27	6.10 -	2571.	50.	14.
1757	0000	-842	37.7553	80.1902	DCH	1.7 +	3.0 +	10.3	1.77	0.29	6.05 -	2448.	51.	14.
1758	0000	-840	37.7553	80.1902	DCH	1.6 +	2.9 +	9.9	1.87	0.30	6.32	2341.	49.	14.
1759	0000	-842	37.7562	80.1902	DCH	1.5 +	2.4	9.6	1.68	0.25	6.58	2223.	49.	15.
1760	0000	-841	37.7567	80.1902	DCH	1.3	2.1	9.5	1.68	0.23	7.44	2090.	48.	15.
1761	0000	-841	37.7570	80.1902	DCH	1.2	2.2	8.9	1.85	0.25	7.42	1998.	50.	15.
1762	0000	-842	37.7575	80.1902	DCH	1.1	2.2	8.6	2.04	0.25	8.05	1927.	53.	15.
1763	0000	-842	37.7579	80.1902	DCH	1.0	2.1	9.1	2.06	0.23	8.79	1894.	50.	15.
1764	0000	-842	37.7584	80.1902	DCH	1.1	2.1	9.3	1.95	0.22	8.86	1908.	53.	14.
1765	0000	-845	37.7588	80.1902	DCH	1.1	2.0	9.7	1.83	0.21	8.80	1916.	53.	14.
1766	0000	-842	37.7592	80.1902	DCH	1.0	2.1	9.9	2.05	0.22	9.52	1914.	54.	13.
1767	0000	-841	37.7596	80.1902	DCH	1.1	2.3	9.7	2.10	0.23	8.96	1907.	53.	12.
1768	0000	-844	37.7601	80.1902	DCH	1.1	2.1	9.9	1.97	0.21	9.27	1868.	54.	12.
1769	0000	-844	37.7605	80.1902	DCH	1.1	2.0	9.7	1.80	0.21	8.72	1857.	53.	11.
1770	0000	-843	37.7610	80.1902	DCH	1.1	2.0	9.8	1.72	0.20	8.54	1860.	53.	10.
1771	0000	-843	37.7614	80.1902	DCH	1.1	2.1	9.7	1.90	0.22	8.60	1867.	52.	10.
1772	0000	-844	37.7618	80.1902	DCH	1.2	2.3	9.4	1.94	0.25	7.83	1907.	54.	9.
1773	0000	-844	37.7622	80.1902	DCH	1.2	2.5	9.3	2.01	0.27	7.48	1959.	52.	8.
1774	0000	-843	37.7627	80.1902	DCH	1.2	2.6	9.8	2.20	0.27	8.20	2000.	52.	7.
1775	0000	-843	37.7631	80.1902	DCH	1.3	2.7 +	9.7	2.17	0.28	7.68	2045.	53.	7.
1776	0000	-841	37.7635	80.1902	DCH	1.2	2.9 +	10.0	2.43	0.29	8.29	2064.	55.	6.
1777	0000	-842	37.7639	80.1902	DCH	1.2	2.8 +	9.9	2.32	0.29	8.06	2061.	53.	6.
1778	0000	-841	37.7644	80.1902	DCH	1.2	2.7	10.0	2.20	0.27	8.12	2050.	56.	6.
1779	0000	-839	37.7648	80.1902	DCH	1.2	2.8 +	10.3	2.35	0.27	8.64	2057.	54.	5.
1780	0000	-839	37.7652	80.1902	DCH	1.2	2.6	10.9	2.14	0.23	9.13	2066.	54.	5.
1781	0000	-840	37.7657	80.1903	DCH	1.3	2.5	10.9	1.97	0.23	8.52	2102.	57.	6.
1782	0000	-841	37.7661	80.1903	DCH	1.3	2.7	10.8	2.10	0.25	8.55	2096.	57.	6.
1783	0000	-841	37.7665	80.1903	DCH	1.3	2.4	10.6	1.83	0.23	8.02	2099.	58.	6.
1784	0000	-840	37.7670	80.1903	DCH	1.3	2.3	10.4	1.82	0.22	8.19	2075.	62.	6.
1785	0000	-841	37.7674	80.1903	DCH	1.3	2.2	10.6	1.76	0.21	8.31	2056.	59.	5.

CP 9 IP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1786	0000	-843	37.7679	80.1903	DCH	1.2	2.2	10.1	1.83	0.22	8.41	1996.	61.	5.
1787	0000	-840	37.7683	80.1902	DCH	1.2	2.4	9.2	2.04	0.26	7.81	1918.	62.	5.
1788	0000	-838	37.7687	80.1902	DCH	1.1	2.4	8.8	2.19	0.27	8.08	1837.	60.	4.
1789	0000	-840	37.7691	80.1902	DCH	1.0	2.3	9.0	2.27	0.26	8.85	1801.	60.	3.
1790	0000	-842	37.7696	80.1902	DCH	0.9	2.4	9.1	2.60	0.27	9.74	1768.	60.	3.
1791	0000	-842	37.7700	80.1903	DCH	0.9	2.5	9.3	2.84	0.27	10.42	1776.	59.	3.
1792	0000	-843	37.7704	80.1903	DCH	0.8	2.7 +	9.4	3.26	0.29	11.20	1799.	58.	4.
1793	0000	-843	37.7708	80.1903	DCH	0.8	2.6	9.9	3.18	0.26	12.05	1825.	59.	4.
1794	0000	-844	37.7713	80.1903	DCH	0.8	2.6	10.6	3.33	0.24	13.65 +	1903.	59.	5.
1795	0000	-844	37.7717	80.1903	DCH	0.7	2.7 +	1 .5 +	3.68 +	0.24	15.59 +	1954.	61.	6.
1796	0000	-844	37.7722	80.1903	DCH	0.7 .	2.8 +	12.1 +	3.81 +	0.23	16.47 +	2004.	61.	6.
1797	0000	-844	37.7726	80.1903	DCH	0.7	2.9 +	12.5 +	3.91 +	0.23	17.12 +	2036.	59.	7.
1798	0000	-843	37.7730	80.1903	DCH	0.7	2.8 +	12.3 +	4.10 +	0.23	17.77 +	2025.	59.	7.
1799	0000	-843	37.7734	80.1903	DCH	0.6	2.8 +	12.0 +	4.39 +	0.23	18.84 ++	1966.	59.	7.
1800	0000	-845	37.7739	80.1903	DCH	0.6	2.6	11.5 +	4.15 +	0.23	18.14 +	1882.	58.	8.
1801	0000	-844	37.7743	80.1903	DCH	0.6	2.5	10.6	4.00 +	0.24	17.02 +	1752.	60.	9.
1802	0000	-843	37.7747	80.1903	DCH	0.7	2.3	9.5	3.57 +	0.25	14.47 +	1663.	58.	8.
1803	0000	-842	37.7751 .	80.1903	DCH	0.6	2.2	8.6	3.44 +	0.26	13.42 +	1549.	58.	8.
1804	0000	-843	37.7756	80.1903	DCH	0.6	1.9	7.6	2.97	0.25	11.98	1445.	58.	8.
1805	0000	-844	37.7760	80.1903	DCH	0.6	1.9	6.9	2.96	0.28	10.66	1371.	55.	7.
1806	0000	-842	37.7765	80.1903	DCH	0.7	1.7	6.4	2.52	0.26	9.58	1317.	55.	7.
1807	0000	-839	37.7769	80.1903	DCH	0.6	1.9	6.0	2.87	0.31	9.33	1303.	54.	6.
1808	0000	-841	37.7773	80.1903	DCH	0.7	1.8	5.9	2.69	0.30	8.94	1296.	54.	4.
1809	0000	-840	37.7777	80.1904	DCH	0.6	1.8	6.1	2.77	0.29	9.51	1292.	54.	5.
1810	0000	-840	37.7782	80.1903	DCH	0.6	1.7	5.8	2.71	0.30	8.95	1289.	51.	5.
1811	0000	-841	37.7786	80.1903	DCH	0.7	1.8	5.7	2.72	0.31	8.66	1285.	50.	5.
1812	0000	-841	37.7791	80.1903	DCH	0.7	1.7	5.6	2.56	0.30	8.55	1266.	51.	6.
1813	0000	-841	37.7794	80.1903	DCH	0.7	1.7	5.7	2.51	0.29	8.52	1259.	52.	6.
1814	0000	-842	37.7799	80.1903	DCH	0.7	1.5	5.9	2.24	0.26	8.55	1257.	51.	7.
1815	0000	-841	37.7803	80.1903	DCH	0.7	1.6	5.8	2.40	0.28	8.43	1269.	48.	8.
1816	0000	-840	37.7807	80.1903	DCH	0.7	1.7	5.8	2.44	0.29	8.31	1263.	51.	9.
1817	0000	-842	37.7812	80.1903	DCH	0.7	1.9	5.9	2.77	0.32	8.56	1282.	52.	9.
1818	0000	-841	37.7816	80.1904	DCH	0.7	2.1	5.6	3.09	0.36 +	8.49	1284.	53.	9.
1819	0000	-839	37.7820	80.1904	DCH	0.7	2.0	5.9	2.76	0.33 +	8.36	1295.	55.	9.
1820	0000	-838	37.7825	80.1904	DCH	0.7	1.9	5.8	2.80	0.33 +	8.42	1277.	54.	10.
1821	0000	-838	37.7829	80.1904	DCH	0.7	1.9	5.2 -	2.85	0.36 +	7.83	1240.	55.	10.
1822	0000	-836	37.7833	80.1904	DCH	0.6	1.8	4.9 -	3.06	0.38 +	8.14	1199.	59.	11.
1823	0000	-835	37.7837	80.1904	DCH	0.5 -	1.8	4.5 -	3.38 +	0.40 +	8.42	1161.	59.	11.
1824	0000	-838	37.7842	80.1904	DCH	0.6 -	1.7	4.2 -	2.95	0.40 +	7.42	1140.	59.	11.
1825	0000	-837	37.7846	80.1904	DCH	0.6	1.4	4.3 -	2.46	0.33 +	7.38	1139.	58.	11.
1826	0000	-835	37.7850	80.1903	DCH	0.6 -	1.4	4.2 -	2.52	0.35 +	7.29	1153.	57.	11.
1827	0000	-835	37.7855	80.1903	DCH	0.6	1.6	4.2 -	2.65	0.38 +	7.06	1195.	57.	10.
1828	0000	-835	37.7859	80.1904	DCH	0.6	1.7	5.0 -	2.75	0.34 +	7.99	1263.	55.	8.
1829	0000	-834	37.7863	80.1904	DCH	0.7	2.0	5.3 -	2.92	0.38 +	7.64	1346.	55.	6.
1830	0000	-835	37.7868	80.1904	DCH	0.8	2.0	5.6	2.52	0.36 +	6.90	1420.	53.	5.
1831	0000	-835	37.7872	80.1904	DCH	0.8	2.2	6.0	2.60	0.36 +	7.24	1481.	51.	4.
1832	0000	-834	37.7877	80.1904	DCH	0.8	2.4	6.4	2.92	0.38 +	7.72	1519.	50.	3.
1833	0000	-834	37.7881	80.1904	DCH	0.9	2.6	6.6	3.05	0.40 +	7.61	1543.	49.	2.
1834	0000	-834	37.7885	80.1904	DCH	0.9	2.6	6.9	2.87	0.37 +	7.74	1562.	52.	3.
1835	0000	-833	37.7889	80.1904	DCH	0.9	2.5	7.1	2.77	0.36 +	7.75	1569.	54.	4.
1836	0000	-831	37.7894	80.1904	DCH	0.9	2.3	7.1	2.43	0.32	7.60	1584.	55.	6.

CP 9 LP 12

* TAGS					*	VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1837	0000	-832	37.7898	80.1904	DCH	0.9	2.5	7.3	2.78	0.34 +	8.10	1607.	54.	7.
1838	0000	-831	37.7902	80.1904	DCH	0.9	2.5	7.3	2.68	0.34 +	7.91	1630.	56.	8.
1839	0000	-830	37.7906	80.1904	DCH	1.0	2.5	7.3	2.54	0.34 +	7.39	1683.	58.	9.
1840	0000	-830	37.7911	80.1904	DCH	1.0	2.6	7.6	2.47	0.33 +	7.38	1761.	57.	9.
1841	0000	-830	37.7915	80.1904	DCH	1.1	2.9 +	7.9	2.60	0.36 +	7.23	1840.	54.	9.
1842	0000	-830	37.7920	80.1904	DCH	1.2	3.0 +	7.5	2.58	0.39 +	6.59	1890.	53.	9.
1843	0000	-830	37.7924	80.1904	DCH	1.2	3.0 +	8.2	2.51	0.37 +	6.84	1900.	50.	7.
1844	0000	-830	37.7928	80.1904	DCH	1.2	3.0 +	8.0	2.43	0.38 +	6.40	1916.	50.	7.
1845	0000	-829	37.7932	80.1904	DCH	1.2	3.0 +	8.0	2.41	0.37 +	6.43	1907.	47.	6.
1846	0000	-828	37.7937	80.1905	DCH	1.2	2.8 +	8.2	2.33	0.34 +	6.77	1871.	46.	5.
1847	0000	-828	37.7941	80.1905	DCH	1.2	2.8 +	7.8	2.45	0.37 +	6.70	1813.	48.	5.
1848	0000	-829	37.7945	80.1905	DCH	1.1	2.7	7.3	2.40	0.37 +	6.57	1737.	48.	5.
1849	0000	-828	37.7949	80.1904	DCH	1.1	2.5	7.3	2.31	0.34 +	6.81	1697.	48.	5.
1850	0000	-825	37.7954	80.1904	DCH	1.0	2.4	7.2	2.32	0.33 +	6.96	1667.	50.	5.
1851	0000	-825	37.7958	80.1904	DCH	1.0	2.3	7.3	2.31	0.31	7.33	1629.	52.	4.
1852	0000	-827	37.7963	80.1904	DCH	1.0	2.3	7.2	2.35	0.32	7.39	1606.	56.	4.
1853	0000	-828	37.7967	80.1904	DCH	1.0	2.3	7.0	2.30	0.33 +	6.96	1604.	55.	4.
1854	0000	-828	37.7971	80.1904	DCH	1.0	2.2	7.2	2.06	0.30	6.83	1591.	55.	3.
1855	0000	-829	37.7975	80.1905	DCH	1.0	2.0	7.4	2.02	0.28	7.34	1574.	56.	3.
1856	0000	-828	37.7980	80.1905	DCH	1.0	1.9	7.5	1.99	0.25	7.82	1521.	57.	4.
1857	0000	-826	37.7984	80.1905	DCH	0.9	2.0	6.8	2.13	0.29	7.25	1473.	58.	4.
1858	0000	-827	37.7988	80.1905	DCH	0.9	1.6	6.5	1.74	0.24	7.18	1415.	57.	7.
1859	0000	-827	37.7992	80.1905	DCH	0.9	1.3 -	6.3	1.48	0.20	7.26	1352.	57.	8.
1860	0000	-826	37.7997	80.1905	DCH	0.8	1.1 -	6.0	1.47	0.18 -	7.94	1280.	61.	10.
1861	0000	-828	37.8001	80.1905	DCH	0.7	1.0 -	5.7	1.45 -	0.17 -	8.42	1214.	62.	12.
1862	0000	-828	37.8006	80.1905	DCH	0.7	1.0 -	5.5	1.49	0.18 -	8.08	1171.	61.	12.
1863	0000	-826	37.8010	80.1905	DCH	0.6	1.3 -	5.5	1.96	0.23	8.53	1180.	60.	11.
1864	0000	-826	37.8014	80.1904	DCH	0.6	1.3 -	5.9	2.08	0.22	9.33	1205.	58.	11.
1865	0000	-828	37.8018	80.1906	DCH	0.7	1.5	6.5	2.18	0.23	9.59	1247.	60.	9.
1866	0000	-829	37.8023	80.1906	DCH	0.7	1.8	7.0	2.59	0.26	10.06	1315.	59.	7.
1867	0000	-828	37.8027	80.1906	DB-2	0.7 -	1.9	7.6	2.51	0.25	10.22 +	1388.	57.	5.
1868	0000	-827	37.8031	80.1905	DB-2	0.8 -	2.1	8.2	2.70	0.26	10.49 +	1477.	56.	4.
1869	0000	-828	37.8035	80.1905	DB-2	0.8	2.4	8.6	2.93 +	0.28	10.57 +	1593.	58.	4.
1870	0000	-828	37.8040	80.1905	DB-2	0.9	2.6	9.4	2.84 +	0.28	10.25 +	1706.	59.	4.
1871	0000	-828	37.8044	80.1905	DB-2	1.0	2.5	9.9 +	2.51	0.25	10.04 +	1802.	57.	4.
1872	0000	-828	37.8049	80.1905	DB-2	1.0	2.8 +	10.0 +	2.74 +	0.28	9.74 +	1875.	55.	4.
1873	0000	-828	37.8053	80.1905	DB-2	1.1	2.8 +	10.2 +	2.54	0.27	9.35	1923.	55.	4.
1874	0000	-830	37.8057	80.1906	DB-2	1.2	2.8 +	10.3 +	2.41	0.27	8.88	1948.	55.	5.
1875	0000	-831	37.8061	80.1906	DB-2	1.2	2.7 +	10.0 +	2.36	0.27	8.62	1936.	54.	5.
1876	0000	-829	37.8066	80.1906	DB-2	1.2	2.4	9.7 +	2.00	0.25	8.09	1891.	54.	6.
1877	0000	-829	37.8070	80.1906	DB-2	1.1	2.1	8.9	1.86	0.23	7.95	1801.	55.	8.
1878	0000	-828	37.8075	80.1906	DB-2	1.1	2.0	8.5	1.84	0.24	7.78	1718.	57.	8.
1879	0000	-829	37.8078	80.1906	DB-2	1.1	1.8	8.4	1.67	0.21	7.97	1666.	57.	9.
1880	0000	-830	37.8083	80.1906	DB-2	1.0	1.8	8.5	1.82	0.21	8.59	1634.	55.	10.
1881	0000	-828	37.8087	80.1906	DB-2	1.0	1.8	7.9	1.78	0.22	7.95	1637.	54.	11.
1882	0000	-827	37.8092	80.1906	DB-2	1.0	1.7	8.3	1.65	0.20	8.06	1677.	54.	11.
1883	0000	-827	37.8096	80.1906	DB-2	1.0	2.0	8.6	1.89	0.23	8.30	1715.	53.	9.
1884	0000	-828	37.8100	80.1906	DB-2	1.1	2.0	8.7	1.74	0.22	7.77	1766.	52.	9.
1885	0000	-827	37.8104	80.1906	DB-2	1.1	2.1	9.0	1.86	0.24	7.81	1824.	51.	8.
1886	0000	-824	37.8109	80.1906	DB-2	1.1	2.3	8.8	2.03	0.26	7.92	1843.	52.	7.
1887	0000	-823	37.8113	80.1906	DB-2	1.2	2.3	8.7	1.96	0.27	7.35	1870.	54.	6.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1888	0000	-824	37.8118	80.1906	DB-2	1.2	2.6	8.9	2.13	0.29	7.36	1885.	56.	4.
1889	0000	-823	37.8122	80.1906	DB-2	1.3	2.7 +	8.8	2.15	0.31	7.01	1897.	57.	3.
1890	0000	-821	37.8126	80.1906	DB-2	1.3	2.8 +	8.8	2.11	0.32	6.70	1928.	57.	4.
1891	0000	-820	37.8130	80.1906	DB-2	1.4	2.9 +	9.0	2.06	0.32	6.43	1965.	58.	3.
1892	0000	-819	37.8135	80.1906	DB-2	1.5	2.9 +	9.1	1.92	0.32	6.08	2007.	59.	2.
1893	0000	-822	37.8139	80.1906	DB-2	1.7 +	3.1 +	9.1	1.85	0.34	5.49	2083.	60.	2.
1894	0000	-822	37.8144	80.1906	DB-2	1.7 +	3.0 +	9.5	1.76	0.32	5.51	2147.	58.	2.
1895	0000	-821	37.8148	80.1907	DB-2	1.7 +	3.1 +	9.8 +	1.79	0.32	5.65	2157.	58.	2.
1896	0000	-821	37.8153	80.1907	DB-2	1.7 +	3.0 +	9.3	1.84	0.33	5.61	2109.	58.	2.
1897	0000	-822	37.8158	80.1907	DB-2	1.6 +	2.8 +	9.2	1.78	0.30	5.86	2032.	57.	2.
1898	0000	-823	37.8163	80.1907	DB-2	1.4	2.7 +	8.7	1.94	0.31	6.17	1942.	56.	2.
1899	0000	-821	37.8167	80.1907	DB-2	1.3	2.6	8.1	2.08	0.32	5.42	1829.	55.	3.
1900	0000	-818	37.8172	80.1907	DB-2	1.2	2.2	7.5	1.94	0.30	6.55	1697.	54.	4.
1901	0000	-821	37.8177	80.1908	DB-2	1.0	2.1	6.7	2.05	0.31	6.58	1545.	57.	4.
1902	0000	-822	37.8182	80.1908	DB-2	0.9	1.9	6.2 -	2.13	0.31	6.93	1456.	57.	5.
1903	0000	-820	37.8186	80.1908	DB-2	0.9	1.8	6.1 -	2.04	0.30	6.87	1433.	56.	6.
1904	0000	-819	37.8191	80.1909	DB-2	0.9	1.8	6.0 -	2.00	0.30	6.70	1439.	56.	7.
1905	0000	-818	37.8196	80.1908	DB-2	1.0	1.8	6.3 -	1.78	0.28	6.39	1492.	55.	7.
1906	0000	-820	37.8201	80.1908	DB-2	1.0	1.8	6.7	1.79	0.27	6.51	1563.	57.	6.
1907	0000	-821	37.8205	80.1909	DB-2	1.1	1.9	7.8	1.71	0.24	6.96	1662.	57.	6.
1908	0000	-819	37.8210	80.1909	DB-2	1.3	2.1	8.4	1.68	0.25	6.69	1786.	55.	5.
1909	0000	-819	37.8215	80.1910	DB-2	1.4	2.1	9.0	1.54	0.24	6.52	1898.	57.	5.
1910	0000	-821	37.8220	80.1910	DB-2	1.5	2.1	9.9 +	1.43	0.22	6.67	1992.	58.	5.
1911	0000	-818	37.8224	80.1910	DB-2	1.5	2.5	10.5 +	1.59	0.23	6.82	2080.	57.	5.
1912	0000	-819	37.8229	80.1910	DB-2	1.5	2.5	10.9 +	1.63	0.23	7.24	2108.	56.	4.
1913	0000	-821	37.8234	80.1910	DB-2	1.5	2.4	11.1 +	1.59	0.22	7.20	2123.	56.	5.
1914	0000	-821	37.8239	80.1910	DCH	1.5 +	2.6	10.6	1.75	0.24	7.25	2098.	57.	5.
1915	0000	-820	37.8243	80.1911	DCH	1.4 +	2.5	10.3	1.78	0.24	7.46	2077.	58.	6.
1916	0000	-819	37.8248	80.1911	DCH	1.3	2.5	10.1	1.89	0.25	7.60	2049.	56.	6.
1917	0000	-819	37.8252	80.1911	DCH	1.3	2.5	9.6	2.02	0.26	7.64	2019.	54.	6.
1918	0000	-821	37.8258	80.1911	DCH	1.3	2.3	9.4	1.82	0.24	7.52	1957.	55.	6.
1919	0000	-821	37.8262	80.1911	DCH	1.3	2.4	9.2	1.88	0.26	7.35	1929.	56.	6.
1920	0000	-821	37.8267	80.1911	DCH	1.2	2.2	9.3	1.85	0.24	7.64	1910.	55.	7.
1921	0000	-821	37.8271	80.1912	DCH	1.3	2.2	9.3	1.74	0.23	7.43	1909.	56.	7.
1922	0000	-820	37.8277	80.1912	DCH	1.2	2.2	9.0	1.78	0.24	7.42	1872.	57.	7.
1923	0000	-820	37.8281	80.1912	DCH	1.2	2.1	9.0	1.82	0.24	7.67	1847.	57.	6.
1924	0000	-820	37.8286	80.1912	DCH	1.1	2.0	9.0	1.74	0.22	7.89	1815.	58.	7.
1925	0000	-818	37.8290	80.1912	DCH	1.1	2.3	8.9	2.06	0.25	8.16	1837.	60.	7.
1926	0000	-818	37.8295	80.1913	DCH	1.1	2.1	9.0	1.84	0.23	8.03	1871.	61.	7.
1927	0000	-820	37.8300	80.1913	DCH	1.1	2.2	8.7	1.95	0.26	7.65	1871.	64.	7.
1928	0000	-821	37.8305	80.1913	DCH	1.2	2.1	9.2	1.79	0.23	7.85	1895.	63.	8.
1929	0000	-821	37.8309	80.1914	DCH	1.2	2.0	9.8	1.63	0.21	7.91	1922.	64.	7.
1930	0000	-821	37.8314	80.1914	DCH	1.3	1.9	9.8	1.53	0.20	7.75	1924.	64.	8.
1931	0000	-820	37.8319	80.1914	DCH	1.3	2.1	10.1	1.67	0.21	8.03	1927.	64.	7.
1932	0000	-818	37.8324	80.1914	DCH	1.3	1.9	9.8	1.49	0.19	7.71	1887.	64.	8.
1933	0000	-820	37.8328	80.1914	DCH	1.2	1.8	9.4	1.47	0.19	7.60	1837.	64.	8.
1934	0000	-821	37.8333	80.1914	DCH	1.3	1.9	9.2	1.53	0.21	7.28	1813.	62.	7.
1935	0000	-820	37.8338	80.1915	DCH	1.2	2.1	8.8	1.73	0.24	7.32	1761.	61.	7.
1936	0000	-820	37.8343	80.1915	DCH	1.1	2.2	8.6	1.96	0.26	7.59	1752.	59.	7.
1937	0000	-820	37.8347	80.1915	DCH	1.2	2.1	8.8	1.78	0.24	7.29	1790.	58.	8.
1938	0000	-820	37.8352	80.1915	DCH	1.2	2.2	8.8	1.83	0.25	7.28	1818.	60.	8.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES							
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U	T	K	GROSS CPS	COS CPS	UAIR CPS
1939	0000	-821	37.8357	80.1915	DCH	1.2	2.2	9.1	1.79	0.24	7.39		1873.	61.	9.
1940	0000	-820	37.8362	80.1916	DCH	1.2	2.1	9.2	1.70	0.23	7.45		1889.	62.	10.
1941	0000	-820	37.8366	80.1916	DCH	1.2	1.8	9.4	1.48	0.19	7.52		1889.	63.	11.
1942	0000	-820	37.8371	80.1916	DCH	1.2	1.8	9.2	1.48	0.19	7.33		1879.	64.	11.
1943	0000	-821	37.8376	80.1916	DCH	1.2	1.5	8.8	1.25 -	0.17 -	7.28		1843.	62.	11.
1944	0000	-821	37.8380	80.1916	DCH	1.1	1.5	8.6	1.31 -	0.17 -	7.52		1771.	64.	10.
1945	0000	-818	37.8385	80.1916	DCH	1.1	1.3 -	8.2	1.14 -	0.16 -	7.23		1733.	61.	10.
1946	0000	-818	37.8390	80.1917	DCH	1.1	1.3 -	7.7	1.13 -	0.16 -	6.95		1659.	61.	8.
1947	0000	-821	37.8395	80.1917	DCH	1.1	1.6	7.2	1.49	0.22	6.80		1611.	59.	6.
1948	0000	-819	37.8399	80.1917	DCH	1.0	1.6	7.3	1.56	0.22	7.11		1590.	56.	5.
1949	0000	-820	37.8404	80.1918	DCH	1.0	1.7	7.1	1.62	0.24	6.89		1581.	56.	5.
1950	0000	-823	37.8409	80.1917	DCH	1.0	1.9	7.4	1.90	0.26	7.29		1599.	59.	4.
1951	0000	-821	37.8414	80.1917	DCH	1.1	2.0	7.3	1.83	0.27	6.71		1655.	54.	4.
1952	0000	-822	37.8419	80.1918	DCH	1.1	2.2	7.5	2.00	0.30	6.67		1703.	56.	4.
1953	0000	-823	37.8423	80.1918	DCH	1.1	2.4	7.7	2.11	0.31	6.85		1738.	56.	5.
1954	0000	-820	37.8427	80.1918	DCH	1.1	2.2	7.9	2.00	0.28	7.02		1764.	55.	7.
1955	0000	-819	37.8433	80.1919	DCH	1.1	2.1	8.0	1.95	0.27	7.23		1773.	57.	8.
1956	0000	-822	37.8437	80.1919	DCH	1.1	1.9	8.5.	1.72	0.22	7.70		1778.	59.	8.
1957	0000	-820	37.8442	80.1920	DCH	1.1	1.7	8.3	1.58	0.21	7.49		1777.	58.	10.
1958	0000	-818	37.8447	80.1920	DCH	1.1	1.6	8.5	1.51	0.19 -	8.04		1761.	62.	10.
1959	0000	-818	37.8451	80.1920	DCH	1.1	1.4	8.4	1.36 -	0.17 -	7.85		1726.	62.	10.
1960	0000	-819	37.8456	80.1920	DCH	1.1	1.3 -	8.4	1.21 -	0.16 -	7.75		1725.	59.	10.
1961	0000	-819	37.8461	80.1920	DCH	1.1	1.1 -	8.7	1.01 -	0.13 --	7.91		1717.	62.	10.
1962	0000	-819	37.8465	80.1920	DCH	1.1	1.4	8.8	1.29 -	0.16 -	7.98		1719.	62.	9.
1963	0000	-818	37.8470	80.1921	DCH	1.1	1.8	8.8	1.64	0.20	8.25		1732.	59.	7.
1964	0000	-820	37.8475	80.1921	DCH	1.1	1.9	8.6	1.78	0.22	8.09		1728.	59.	7.
1965	0000	-820	37.8480	80.1921	DCH	1.1	2.2	8.5	2.08	0.26	8.09		1705.	57.	5.
1966	0000	-819	37.8484	80.1921	DCH	1.0	2.3	8.8	2.25	0.26	8.74		1719.	56.	5.
1967	0000	-819	37.8489	80.1921	DCH	1.0	2.4	9.0	2.32	0.26	8.82		1729.	58.	4.
1968	0000	-820	37.8494	80.1921	DCH	1.0	2.6	8.8	2.53	0.29	8.63		1738.	54.	4.
1969	0000	-820	37.8499	80.1922	DCH	1.0	2.6	8.5	2.52	0.30	8.32		1733.	54.	3.
1970	0000	-818	37.8503	80.1922	DCH	1.0	2.5	8.2	2.45	0.31	7.87		1721.	52.	3.
1971	0000	-818	37.8508	80.1922	DCH	1.0	2.4	8.5	2.31	0.28	8.12		1696.	52.	3.
1972	0000	-818	37.8513	80.1922	DCH	1.0	2.4	7.9	2.38	0.30	7.94		1669.	54.	3.
1973	0000	-818	37.8518	80.1922	DCH	1.0	2.4	7.1	2.45	0.34 +	7.24		1614.	55.	3.
1974	0000	-820	37.8522	80.1923	DCH	0.9	2.4	7.0	2.63	0.35 +	7.51		1580.	55.	3.
1975	0000	-820	37.8527	80.1923	DCH	0.9	2.4	6.8	2.70	0.36 +	7.47		1563.	57.	3.
1976	0000	-818	37.8532	80.1923	DCH	0.9	2.4	6.6	2.86	0.37 +	7.65		1557.	57.	4.
1977	0000	-820	37.8537	80.1924	DCH	0.9	2.4	6.5	2.79	0.36 +	7.69		1557.	62.	4.
1978	0000	-820	37.8541	80.1924	DCH	0.9	2.4	6.3	2.82	0.38 +	7.38		1573.	66.	4.
1979	0000	-821	37.8546	80.1924	DCH	0.9	2.4	6.6	2.65	0.36 +	7.44		1591.	64.	4.
1980	0000	-821	37.8550	80.1924	DCH	0.9	2.5	6.8	2.71	0.36 +	7.53		1633.	64.	4.
1981	0000	-820	37.8556	80.1924	DCH	0.9	2.5	7.0	2.74	0.36 +	7.63		1678.	64.	4.
1982	0000	-819	37.8560	80.1924	DCH	0.9	2.6	7.6	2.74	0.34 +	8.05		1719.	63.	3.
1983	0000	-820	37.8565	80.1925	DCH	1.0	2.7 +	7.9	2.75	0.35 +	7.91		1769.	62.	3.
1984	0000	-819	37.8569	80.1925	DCH	1.0	2.8 +	7.8	2.70	0.36 +	7.48		1780.	58.	3.
1985	0000	-820	37.8575	80.1925	DCH	1.1	2.8 +	7.9	2.69	0.36 +	7.52		1798.	53.	3.
1986	0000	-822	37.8579	80.1925	DCH	1.0	3.0 +	8.2	2.95	0.37 +	8.00		1823.	53.	4.
1987	0000	-818	37.8584	80.1925	DCH	1.0	3.0 +	8.5	2.87	0.35 +	8.12		1821.	51.	3.
1988	0000	-817	37.8588	80.1926	DCH	1.1	2.8 +	8.4	2.58	0.33 +	7.82		1786.	51.	2.
1989	0000	-818	37.8594	80.1926	DCH	1.0	3.0 +	8.0	2.88	0.37 +	7.77		1790.	52.	2.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS						VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
1990	0000	-818	37.8598	80.1926	DCH	1.0	2.8 +	8.0	2.72	0.35 +	7.72	1782.	52.	3.
1991	0000	-818	37.8603	80.1926	DCH	1.0	2.8 +	8.1	2.70	0.34 +	7.88	1799.	55.	4.
1992	0000	-817	37.8607	80.1926	DCH	1.0	2.8 +	7.9	2.70	0.35 +	7.67	1792.	56.	5.
1993	0000	-817	37.8612	80.1926	DCH	1.1	2.7	7.9	2.49	0.34 +	7.32	1799.	55.	6.
1994	0000	-816	37.8617	80.1927	DCH	1.0	2.6	7.7	2.58	0.34 +	7.50	1775.	58.	8.
1995	0000	-815	37.8622	80.1927	DCH	1.0	2.7	7.4	2.64	0.36 +	7.31	1777.	59.	10.
1996	0000	-817	37.8626	80.1927	DCH	1.0	2.4	7.1	2.36	0.34 +	6.86	1736.	59.	11.
1997	0000	-817	37.8631	80.1928	DCH	1.0	2.4	7.0	2.34	0.34 +	6.86	1703.	59.	12.
1998	0000	-815	37.8636	80.1927	DCH	1.0	2.4	7.3	2.30	0.32	7.11	1708.	60.	13.
1999	0000	-815	37.8641	80.1927	DCH	1.1	2.2	7.6	2.10	0.30	7.11	1732.	60.	14.
2000	0000	-816	37.8645	80.1928	DCH	1.1	2.2	7.8	1.95	0.28	7.01	1770.	61.	15.
2001	0000	-814	37.8650	80.1928	DCH	1.2	2.3	8.4	1.81	0.27	6.76	1897.	58.	15.
2002	0000	-815	37.8655	80.1929	DCH	1.3	2.5	9.0	1.97	0.28	7.03	1982.	58.	15.
2003	0000	-814	37.8660	80.1929	DCH	1.3	2.6	9.5	1.95	0.27	7.21	2061.	57.	14.
2004	0000	-813	37.8664	80.1929	DB-2	1.4	2.5	9.6	1.86	0.26	7.05	2105.	57.	13.
2005	0000	-812	37.8669	80.1929	DB-2	1.4	2.7 +	9.5	1.95	0.28	6.91	2090.	55.	12.
2006	0000	-813	37.8674	80.1929	DB-2	1.4	2.8 +	9.3	2.09	0.30	6.86	2083.	54.	11.
2007	0000	-812	37.8679	80.1929	DB-2	1.3	3.0 +	8.9	2.26	0.34	6.70	2063.	55.	10.
2008	0000	-811	37.8683	80.1930	DB-2	1.3	2.8 +	8.7	2.18	0.33	6.66	2013.	55.	9.
2009	0000	-810	37.8688	80.1930	DB-2	1.4	2.4	8.2	1.76	0.29	5.99	1971.	52.	10.
2010	0000	-812	37.8693	80.1930	DB-2	1.4	2.3	8.0	1.67	0.28	5.90	1939.	53.	11.
2011	0000	-813	37.8697	80.1931	DB-2	1.3	2.5	8.2	1.89	0.30	6.30	1956.	51.	12.
2012	0000	-814	37.8702	80.1931	DB-2	1.3	2.2	8.3	1.69	0.27	6.25	1981.	50.	13.
2013	0000	-813	37.8707	80.1931	DB-2	1.3	2.1	8.5	1.64	0.25	6.58	1976.	49.	14.
2014	0000	-813	37.8712	80.1931	DB-2	1.2	1.9	8.7	1.52	0.21	7.11	1941.	48.	14.
2015	0000	-814	37.8716	80.1931	DB-2	1.2	1.9	8.2	1.67	0.23	7.13	1886.	49.	14.
2016	0000	-813	37.8721	80.1931	DB-2	1.0	2.2	8.4	2.14	0.26	8.21	1856.	51.	13.
2017	0000	-812	37.8726	80.1932	DB-2	1.1	2.2	8.4	2.13	0.27	7.97	1872.	51.	13.
2018	0000	-813	37.8731	80.1932	DB-2	1.1	2.1	8.0	1.82	0.26	6.98	1887.	53.	13.
2019	0000	-813	37.8735	80.1932	DB-2	1.2	2.3	8.0	1.88	0.28	6.68	1919.	54.	12.
2020	0000	-812	37.8740	80.1932	DB-2	1.3	2.4	8.0	1.92	0.31	6.25	1954.	58.	11.
2021	0000	-810	37.8745	80.1932	DB-2	1.4	2.7 +	8.2	1.95	0.32	6.04	2029.	59.	9.
2022	0000	-811	37.8749	80.1933	DB-2	1.4	2.7	8.6	1.90	0.31	6.14	2072.	58.	9.
2023	0000	-813	37.8754	80.1933	DB-2	1.4	2.9 +	8.6	2.02	0.33	6.07	2088.	59.	8.
2024	0000	-811	37.8759	80.1933	DB-2	1.4	2.9 +	8.7	2.10	0.33	6.33	2076.	58.	8.
2025	0000	-811	37.8764	80.1933	DB-2	1.3	2.7 +	9.1	2.02	0.30	6.84	2068.	58.	8.
2026	0000	-811	37.8768	80.1933	DB-2	1.3	2.6	9.3	1.99	0.28	7.10	2055.	60.	8.
2027	0000	-810	37.8773	80.1933	DB-2	1.3	2.6	9.4	2.01	0.28	7.23	2095.	58.	10.
2028	0000	-810	37.8778	80.1934	DB-2	1.3	2.5	9.4	1.90	0.27	7.01	2096.	60.	11.
2029	0000	-810	37.8782	80.1934	DB-2	1.3	2.5	9.5	1.92	0.27	7.12	2110.	59.	12.
2030	0000	-809	37.8787	80.1934	DB-2	1.4	2.3	9.3	1.69	0.25	6.78	2118.	58.	13.
2031	0000	-809	37.8792	80.1934	DB-2	1.4	2.3	8.9	1.67	0.26	6.47	2091.	59.	14.
2032	0000	-809	37.8797	80.1934	DB-2	1.3	2.4	8.4	1.83	0.29	6.42	2017.	58.	14.
2033	0000	-807	37.8801	80.1935	DB-2	1.2	2.3	8.0	1.85	0.28	6.50	1947.	57.	15.
2034	0000	-807	37.8806	80.1935	DB-2	1.1	2.1	7.8	1.89	0.27	6.94	1857.	54.	15.
2035	0000	-808	37.8811	80.1935	DB-2	1.0	2.1	7.7	2.00	0.27	7.54	1810.	54.	14.
2036	0000	-809	37.8816	80.1935	DB-2	1.1	1.9	7.6	1.85	0.26	7.25	1796.	53.	14.
2037	0000	-810	37.8820	80.1935	DB-2	1.1	2.1	8.0	1.90	0.26	7.22	1851.	52.	14.
2038	0000	-810	37.8825	80.1935	DB-2	1.2	2.2	8.2	1.88	0.27	7.09	1902.	52.	12.
2039	0000	-808	37.8830	80.1937	DB-2	1.2	2.2	8.2	1.86	0.27	6.82	1940.	51.	11.
2040	0000	-809	37.8835	80.1936	DB-2	1.3	2.3	8.9	1.77	0.25	6.98	1989.	51.	9.

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2041	0000	-810	37.8839	80.1936	DB-2	1.4	2.4	8.7	1.74	0.27	6.36	2008.	52.	8.
2042	0000	-808	37.8844	80.1937	DB-2	1.4	2.5	8.3	1.81	0.31	5.90	2014.	50.	7.
2043	0000	-806	37.8848	80.1937	DB-2	1.4	2.7 +	8.5	1.89	0.32	5.97	2022.	51.	6.
2044	0000	-808	37.8854	80.1937	DB-2	1.4	2.6	8.7	1.83	0.29	6.22	2015.	53.	5.
2045	0000	-808	37.8858	80.1938	DB-2	1.4	2.7 +	8.9	1.87	0.30	6.15	2011.	53.	4.
2046	0000	-806	37.8863	80.1938	DB-2	1.5	2.8 +	9.1	1.85	0.31	5.98	2056.	57.	5.
2047	0000	-807	37.8867	80.1937	DB-2	1.5	3.1 +	8.8	1.97	0.35 +	5.67	2077.	56.	4.
2048	0000	-808	37.8873	80.1938	DB-2	1.6 +	3.0 +	9.6	1.90	0.31	6.07	2161.	57.	4.
2049	0000	-807	37.8877	80.1938	DB-2	1.6 +	3.2 ++	10.1 +	1.99	0.32	6.28	2218.	58.	4.
2050	0000	-808	37.8882	80.1939	DB-2	1.6 +	3.1 +	10.6 +	1.90	0.29	6.56	2239.	58.	4.
2051	0000	-807	37.8886	80.1939	DB-2	1.6 +	2.9 +	10.4 +	1.83	0.28	6.47	2230.	56.	6.
2052	0000	-805	37.8892	80.1939	DB-2	1.6 +	2.7 +	10.5 +	1.71	0.26	6.66	2234.	54.	7.
2053	0000	-805	37.8896	80.1939	DB-2	1.5	2.6	10.7 +	1.67	0.24	7.01	2236.	53.	8.
2054	0000	-805	37.8901	80.1939	DB-2	1.5	2.5	10.6 +	1.66	0.24	7.02	2234.	53.	10.
2055	0000	-807	37.8905	80.1939	DB-2	1.5	2.4	9.7 +	1.61	0.24	6.60	2160.	54.	12.
2056	0000	-806	37.8911	80.1940	DB-2	1.4	1.8	9.3	1.28 -	0.20 -	6.51	2076.	55.	14.
2057	0000	-805	37.8915	80.1940	DB-2	1.4	1.7	8.6	1.25 -	0.20	6.23	2004.	55.	15.
2058	0000	-805	37.8920	80.1940	DB-2	1.3	1.6 -	8.5	1.19 -	0.19 -	6.28	1952.	55.	15.
2059	0000	-805	37.8924	80.1940	DB-2	1.3	1.9	8.1	1.44	0.23	6.21	1931.	58.	16.
2060	0000	-806	37.8929	80.1940	DB-2	1.3	1.9	7.9	1.42	0.24	5.99	1924.	57.	16.
2061	0000	-805	37.8934	80.1940	DB-2	1.4	1.9	8.0	1.43	0.24	5.88	1968.	56.	15.
2062	0000	-805	37.8939	80.1941	DB-2	1.4	2.2	8.4	1.57	0.27	5.89	2044.	53.	14.
2063	0000	-806	37.8943	80.1941	DB-2	1.5	2.6	8.7	1.77	0.30	5.94	2136.	53.	13.
2064	0000	-805	37.8948	80.1941	DB-2	1.5	2.8 +	9.0	1.86	0.31	5.98	2211.	53.	12.
2065	0000	-803	37.8953	80.1942	DB-2	1.6 +	3.2 +	9.0	1.96	0.35 +	5.52	2294.	53.	11.
2066	0000	-803	37.8957	80.1942	DB-2	1.7 +	3.1 +	9.2	1.84	0.34	5.50	2324.	53.	10.
2067	0000	-803	37.8962	80.1942	DB-2	1.7 +	3.3 ++	9.5	1.97	0.34 +	5.74	2340.	50.	9.
2068	0000	-802	37.8967	80.1942	DB-2	1.7 +	3.2 +	9.5	1.89	0.33	5.69	2334.	50.	9.
2069	0000	-804	37.8972	80.1944	DB-2	1.6 +	3.2 +	9.4	1.97	0.34	5.86	2304.	52.	9.
2070	0000	-804	37.8977	80.1944	DB-2	1.6 +	2.9 +	9.2	1.78	0.31	5.73	2262.	50.	10.
2071	0000	-803	37.8981	80.1944	DB-2	1.6 +	2.8 +	9.1	1.79	0.31	5.72	2207.	53.	11.
2072	0000	-804	37.8986	80.1945	DB-2	1.5	2.4	9.2	1.57	0.26	6.09	2155.	53.	12.
2073	0000	-804	37.8990	80.1945	DB-2	1.6 +	2.3	9.5	1.50	0.25	6.05	2191.	51.	14.
2074	0000	-805	37.8996	80.1946	DB-2	1.6 +	2.3	9.0	1.39	0.25	5.55	2207.	53.	16.
2075	0000	-805	37.9000	80.1946	DB-2	1.6 +	2.2	9.4	1.35	0.23	5.87	2191.	53.	17.
2076	0000	-802	37.9005	80.1947	DB-2	1.6 +	1.9	9.4	1.18 -	0.20	5.88	2165.	53.	18.
2077	0000	-801	37.9009	80.1947	DB-2	1.6 +	1.9	9.2	1.19 -	0.20	5.84	2127.	53.	19.
2078	0000	-804	37.9014	80.1947	DB-2	1.6 +	1.8	9.2	1.09 -	0.19 -	5.62	2145.	49.	19.
2079	0000	-804	37.9019	80.1948	DB-2	1.7 +	1.9	8.8	1.13 -	0.22	5.24 -	2166.	49.	19.
2080	0000	-802	37.9024	80.1949	DB-2	1.6 +	1.9	8.7	1.18 -	0.22	5.31 -	2148.	49.	18.
2081	0000	-803	37.9028	80.1949	DB-2	1.6 +	1.9	8.9	1.16 -	0.21	5.48	2141.	50.	17.
2082	0000	-804	37.9033	80.1949	DB-2	1.7 +	2.0	8.4	1.23 -	0.24	5.04 -	2156.	51.	15.
2083	0000	-804	37.9037	80.1950	DB-2	1.7 +	2.3	8.5	1.34	0.27	5.00 -	2187.	51.	13.
2084	0000	-803	37.9043	80.1951	DB-2	1.7 +	2.4	8.5	1.37	0.28	4.95 -	2211.	53.	11.
2085	0000	-804	37.9047	80.1951	DB-2	1.7 +	2.6	8.1	1.53	0.32	4.84 -	2211.	54.	9.
2086	0000	-805	37.9052	80.1951	DB-2	1.6 +	2.7 +	8.3	1.73	0.33	5.26 -	2170.	54.	7.
2087	0000	-805	37.9056	80.1952	DB-2	1.6 +	2.6	8.3	1.68	0.32	5.23 -	2142.	55.	5.
2088	0000	-805	37.9062	80.1952	DB-2	1.5	2.8 +	7.8	1.87	0.36 +	5.14 -	2112.	55.	4.
2089	0000	-803	37.9066	80.1952	DB-2	1.5	3.0 +	8.2	1.92	0.36 +	5.28 -	2099.	53.	4.
2090	0000	-804	37.9071	80.1954	DB-2	1.5	2.7	8.1	1.77	0.33	5.36 -	2062.	55.	4.
2091	0000	-805	37.9075	80.1954	DB-2	1.6 +	2.7 +	7.8	1.73	0.34 +	5.05 -	2067.	52.	4.

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STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DA 295 PAGE 1093

ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2092	0000	-804	37.9080	80.1954	DB-2	1.6 +	2.8 +	8.2	1.74	0.34 +	5.09 -	2124.	52.	5.
2093	0000	-803	37.9085	80.1955	DB-2	1.6 +	2.8 +	8.1	1.70	0.35 +	4.92 -	2169.	53.	7.
2094	0000	-804	37.9090	80.1955	DB-2	1.6 +	2.7 +	7.7	1.66	0.34 +	4.82 -	2145.	54.	9.
2095	0000	-804	37.9094	80.1956	DB-2	1.5	2.2	7.6	1.45	0.29	4.93 -	2085.	54.	12.
2096	0000	-803	37.9099	80.1956	DB-2	1.4	2.0	7.3	1.42	0.28	5.04 -	2025.	52.	14.
2097	0000	-802	37.9104	80.1957	DB-2	1.4	2.0	7.2	1.44	0.29	5.04 -	2019.	52.	16.
2098	0000	-801	37.9109	80.1957	DB-2	1.4	2.1	7.8	1.47	0.27	5.50	2068.	51.	18.
2099	0000	-804	37.9113	80.1957	DB-2	1.5	1.7	8.5	1.14 -	0.20	5.61	2116.	52.	19.
2100	0000	-804	37.9118	80.1958	DB-2	1.5	1.7	9.1	1.12 -	0.19 -	5.90	2178.	50.	20.
2101	0000	-804	37.9122	80.1958	DB-2	1.6 +	1.9	9.7	1.20 -	0.20 -	6.07	2258.	49.	19.
2102	0000	-805	37.9127	80.1958	DB-2	1.8 +	2.0	9.8 +	1.14 -	0.20	5.60	2354.	48.	18.
2103	0000	-805	37.9132	80.1959	DB-2	1.8 +	2.2	10.1 +	1.21 -	0.21	5.64	2426.	50.	16.
2104	0000	-804	37.9137	80.1959	DB-2	1.8 +	2.3	10.5 +	1.26 -	0.22	5.79	2444.	49.	13.
2105	0000	-803	37.9141	80.1960	DB-2	1.7 +	2.4	10.0 +	1.40	0.24	5.72	2383.	53.	11.
2106	0000	-802	37.9146	80.1960	DB-2	1.6 +	2.8 +	9.3	1.79	0.30	5.97	2271.	54.	8.
2107	0000	-802	37.9151	80.1961	DB-2	1.5	2.9 +	8.9	1.94	0.33	5.91	2167.	56.	5.
2108	0000	-804	37.9156	80.1962	DB-2	1.4	3.0 +	8.3	2.13	0.37 +	5.83	2049.	57.	3.
2109	0000	-805	37.9160	80.1962	DB-2	1.2	3.1 +	8.3	2.52	0.37 +	6.74	1950.	59.	2.
2110	0000	-804	37.9165	80.1962	DB-2	1.1	3.0 +	7.9	2.67	0.38 +	6.96	1843.	60.	1.
2111	0000	-803	37.9169	80.1963	DB-2	1.1	3.1 +	7.6	2.78 +	0.40 +	6.90	1813.	60.	2.
2112	0000	-803	37.9175	80.1964	DB-2	1.1	3.0 +	8.0	2.76 +	0.37 +	7.46	1798.	58.	2.
2113	0000	-804	37.9179	80.1964	DB-2	1.1	2.7 +	8.1	2.46	0.33	7.40	1774.	57.	4.
2114	0000	-805	37.9184	80.1964	DB-2	1.1	2.6	7.7	2.40	0.34 +	7.03	1760.	58.	5.
2115	0000	-806	37.9188	80.1965	DB-2	1.1	2.2	8.1	1.95	0.27	7.23	1792.	56.	6.
2116	0000	-804	37.9193	80.1965	DB-2	1.2	2.2	7.9	1.84	0.27	6.72	1806.	57.	7.
2117	0000	-803	37.9198	80.1965	DB-2	1.2	2.3	8.0	1.98	0.29	6.76	1856.	55.	7.
2118	0000	-804	37.9203	80.1966	DB-2	1.2	2.5	7.8	2.12	0.32	6.62	1869.	56.	6.
2119	0000	-805	37.9207	80.1967	DB-2	1.3	2.6	7.7	2.07	0.34 +	6.08	1926.	54.	7.
2120	0000	-804	37.9212	80.1967	DB-2	1.4	3.0 +	8.1	2.19	0.37 +	5.97	2016.	55.	6.
2121	0000	-805	37.9217	80.1968	DB-2	1.4	3.1 +	8.5	2.22	0.37 +	6.08	2087.	53.	5.
2122	0000	-805	37.9222	80.1968	DB-2	1.4	3.4 ++	8.4	2.41	0.41 +	5.89	2141.	54.	5.
2123	0000	-803	37.9226	80.1968	DB-2	1.5	3.6 ++	9.0	2.40	0.40 +	6.04	2219.	53.	5.
2124	0000	-804	37.9231	80.1969	DB-2	1.6 +	3.6 ++	9.3	2.29	0.39 +	5.84	2313.	52.	7.
2125	0000	-805	37.9236	80.1969	DB-2	1.7 +	3.7 ++	9.9 +	2.19	0.37 +	5.90	2401.	53.	8.
2126	0000	-804	37.9241	80.1971	DB-2	1.6 +	4.0 +++	10.2 +	2.44	0.39 +	6.27	2463.	55.	8.
2127	0000	-805	37.9245	80.1971	DB-2	1.7 +	3.9 +++	10.2 +	2.33	0.38 +	6.12	2533.	54.	10.
2128	0000	-805	37.9250	80.1971	DB-2	1.7 +	4.0 +++	10.4 +	2.28	0.38 +	5.99	2565.	58.	12.
2129	0000	-804	37.9255	80.1972	DB-2	1.8 +	4.0 +++	10.6 +	2.30	0.38 +	6.02	2604.	59.	13.
2130	0000	-806	37.9259	80.1972	DB-2	1.9 +	3.9 +++	10.3 +	2.12	0.38 +	5.55	2671.	56.	16.
2131	0000	-805	37.9264	80.1972	DB-2	1.9 ++	3.7 +++	10.5 +	1.94	0.36 +	5.45 -	2696.	59.	17.
2132	0000	-806	37.9269	80.1973	DB-2	1.9 ++	3.6 ++	10.0 +	1.86	0.36 +	5.16 -	2673.	57.	18.
2133	0000	-806	37.9274	80.1974	DB-2	2.0 ++	3.2 +	9.9 +	1.60	0.32	4.99 -	2639.	55.	19.
2134	0000	-804	37.9278	80.1974	DMB-2	2.0 ++	3.1 +	9.8 ++	1.57	0.31	5.01	2569.	53.	20.
2135	0000	-804	37.9283	80.1974	DMB-2	1.9 ++	2.8	9.2 +	1.46	0.30	4.82 -	2508.	51.	21.
2136	0000	-806	37.9288	80.1975	DMB-2	1.9 +	2.7	8.8	1.43	0.30	4.73 -	2431.	52.	22.
2137	0000	-806	37.9292	80.1975	DMB-2	1.7 +	2.6	9.2 +	1.53	0.28	5.39	2352.	54.	22.
2138	0000	-805	37.9297	80.1975	DMB-2	1.6	2.5	9.1 +	1.55	0.27	5.66	2302.	52.	23.
2139	0000	-804	37.9302	80.1976	DMB-2	1.5	2.6	9.0	1.67	0.28	5.85	2299.	54.	24.
2140	0000	-804	37.9306	80.1976	DMB-2	1.5	2.3	9.0	1.53	0.26	5.94	2295.	55.	26.
2141	0000	-806	37.9311	80.1976	DO	1.5 ++	2.6 +	8.3 +	1.78 -	0.31	5.69 -	2275.	57.	27.
2142	0000	-806	37.9316	80.1976	DO	1.4 ++	2.6 +	9.2 ++	1.89 -	0.29	6.53	2299.	55.	27.

VALUES AND STATISTICAL SIGNIFICANCES

CP 9 1P 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

TAGS					VALUES AND STATISTICAL SIGNIFICANCES								
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.	UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2143	0000	-805	37.9321	80.1975		DO	1.4 ++	2.9 +	9.3 ++	2.03 -	0.31	6.57	2333.	53.	27.
2144	0000	-805	37.9325	80.1975		DO	1.4 ++	2.8 +	9.3 ++	2.02 -	0.30	6.67	2336.	52.	28.
2145	0000	-806	37.9330	80.1975		DO	1.3 ++	3.0 +	9.1 ++	2.26 -	0.33	6.82	2309.	54.	28.
2146	0000	-804	37.9334	80.1974		DO	1.3 ++	2.9 +	9.1 ++	2.21 -	0.32	6.92	2279.	53.	29.
2147	0000	-803	37.9339	80.1974		DHL	1.3 +	2.9 +	9.1 +	2.15 -	0.32	6.75 -	2244.	53.	29.
2148	0000	-804	37.9344	80.1974		DHL	1.3 +	2.6 +	9.7 +	1.97 -	0.27 -	7.32	2228.	54.	28.
2149	0000	-805	37.9349	80.1973		DHL	1.3 +	2.4	9.2 +	1.86 -	0.26 -	7.17	2189.	56.	30.
2150	0000	-804	37.9353	80.1973		DHL	1.2 +	2.2	9.3 +	1.81 -	0.24 -	7.54	2172.	57.	30.
2151	0000	-804	37.9358	80.1973		DHL	1.2 +	2.3	9.0 +	1.98 -	0.26 -	7.66	2139.	55.	30.
2152	0000	-802	37.9362	80.1973		DHL	1.2 +	2.3	8.6 +	1.96 -	0.26 -	7.48	2119.	55.	30.
2153	0000	-803	37.9368	80.1973		DHL	1.1 +	2.3	8.3 +	2.06 -	0.28	7.30	2092.	55.	29.
2154	0000	-804	37.9372	80.1972		DHL	1.0 +	2.7 +	7.9 +	2.66	0.34	7.89	2059.	54.	28.
2155	0000	-803	37.9377	80.1972		DHL	1.0 +	2.7 +	7.5 +	2.78	0.36	7.76	2027.	53.	28.
2156	0000	-803	37.9381	80.1971		DHL	1.0 +	2.8 +	7.4 +	2.93	0.38	7.72	1995.	50.	26.
2157	0000	-802	37.9386	80.1971		DHL	0.9 +	2.9 +	7.0 +	3.05	0.41	7.40	1928.	51.	24.
2158	0000	-803	37.9390	80.1971		DHL	0.9 +	2.8 +	6.6 +	3.14	0.43	7.34	1870.	51.	23.
2159	0000	-805	37.9396	80.1970		DHL	0.9 +	2.7 +	6.4 +	3.06	0.42	7.32	1778.	53.	22.
2160	0000	-804	37.9400	80.1970		STW	0.8 +	2.4 +	6.5 +	3.10 -	0.37 -	8.30	1680.	53.	20.
2161	0000	-803	37.9405	80.1970		STW	0.7 +	2.1 +	5.8 +	2.78 -	0.36 -	7.72 -	1564.	53.	19.
2162	0000	-805	37.9409	80.1969		STW	0.6 +	1.9	5.3 +	3.02 -	0.36 -	8.39	1437.	54.	18.
2163	0000	-805	37.9414	80.1969		STW	0.6	2.0	4.6	3.50	0.43	8.13	1315.	53.	16.
2164	0000	-804	37.9418	80.1968		STW	0.5	1.7	4.2	3.36	0.39	8.64	1208.	52.	16.
2165	0000	-804	37.9424	80.1968		DHL	0.4	1.7	3.5	3.79	0.48	7.90	1107.	55.	15.
2166	0000	-806	37.9428	80.1968		DHL	0.3	1.6	3.3	4.73	0.49	9.63	1026.	53.	15.
2167	0000	-806	37.9433	80.1968		DHL	0.3	1.7	2.7	5.05	0.62	8.21	955.	53.	15.
2168	0000	-807	37.9437	80.1967		DHL	0.3	1.7	2.6	5.53	0.68	8.18	921.	53.	15.
2169	0000	-807	37.9442	80.1967		DHL	0.3	1.7	2.3	5.69	0.74	7.72	891.	54.	15.
2170	0000	-805	37.9447	80.1967		DHL	0.3	1.5	2.3	5.14	0.64	7.98	872.	56.	15.
2171	0000	-806	37.9452	80.1967		DHL	0.3	1.6	2.3	5.86	0.69	8.48	859.	54.	14.
2172	0000	-808	37.9456	80.1965		DO	0.3	1.4	2.5	5.38	0.57	9.51	851.	52.	14.
2173	0000	-809	37.9461	80.1965		DO	0.3	1.5	2.3	5.22	0.65	8.09	841.	54.	12.
2174	0000	-810	37.9465	80.1965		DO	0.3	1.5	2.4	5.34	0.63	8.44	825.	55.	11.
2175	0000	-812	37.9470	80.1965		DO	0.3	1.5	2.6	6.03 +	0.58	10.37	805.	57.	9.
2176	0000	-811	37.9475	80.1965		DO	0.3	1.6	2.6	6.11 +	0.59	10.28	797.	57.	8.
2177	0000	-810	37.9480	80.1965		DO	0.2	1.7	2.7	7.78 ++	0.64	12.14	797.	55.	7.
2178	0000	-809	37.9484	80.1964		DO	0.2	1.8	2.5	7.76 +	0.72 +	10.75	799.	58.	7.
2179	0000	-812	37.9489	80.1964		DO	0.3	1.8	2.2	6.72 +	0.81 +	8.27	796.	59.	8.
2180	0000	-814	37.9494	80.1963		DO	0.3	1.5	2.1 -	5.33	0.74 +	7.25	790.	60.	9.
2181	0000	-812	37.9498	80.1963		DO	0.2	1.7	2.1	7.38 +	0.81 +	9.14	805.	58.	9.
2182	0000	-812	37.9503	80.1963		DO	0.3	1.8	1.8 -	6.43 +	0.97 +	6.66	825.	59.	10.
2183	0000	-813	37.9508	80.1962		DO	0.3	1.9	2.0 -	5.73	0.96 +	5.95 -	882.	56.	10.
2184	0000	-814	37.9513	80.1962		DO	0.4	2.1 +	2.0 -	5.55	1.07 ++	5.16 -	940.	57.	9.
2185	0000	-815	37.9517	80.1962		DO	0.4	2.3 +	2.4	5.45	0.97 +	5.64 -	1016.	56.	8.
2186	0000	-815	37.9522	80.1961		DO	0.4	2.6 +	2.9	6.02 +	0.89 +	6.74	1096.	58.	7.
2187	0000	-813	37.9527	80.1961		DO	0.4	3.2 +	3.0	7.48 +	1.07 ++	6.98	1165.	55.	6.
2188	0000	-814	37.9531	80.1960		DO	0.5	3.1 +	3.1	6.61 +	1.02 +	6.48 -	1216.	54.	5.
2189	0000	-815	37.9536	80.1960		DO	0.4	3.2 +	3.3	7.46 +	0.95 +	7.83	1220.	53.	4.
2190	0000	-814	37.9541	80.1960		DHL	0.4	3.3 +	3.0	9.17 +	1.08 +	8.47	1185.	55.	3.
2191	0000	-814	37.9545	80.1959		DHL	0.3	3.1 +	2.9	9.89 +	1.06 +	9.34	1121.	57.	3.
2192	0000	-814	37.9550	80.1959		DHL	0.3	2.9 +	2.6	11.42 +	1.11 +	10.25	1030.	57.	3.
2193	0000	-815	37.9555	80.1959		DHL	0.2 -	2.7 +	2.0 -	13.86 ++	1.39 ++	9.98	929.	56.	4.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295

* TAGS					* VALUES AND STATISTICAL SIGNIFICANCES						*		
ID	QUAL (AKUT)	MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2194	0000	-813	37.9559	80.1959	DHL	0.2 -	2.3	2.0 -	12.84 +	1.13 +	11.32	855.	57.	5.
2195	0000	-813	37.9564	80.1959	DHL	0.2 -	2.1	1.7 -	10.39 +	1.18 +	8.81	789.	60.	6.
2196	0000	-815	37.9569	80.1958	DHL	0.2 -	1.9	1.6 -	10.62 +	1.15 +	9.23	741.	59.	7.
2197	0000	-816	37.9574	80.1958	DO	0.2 -	1.5	1.7 -	8.12 ++	0.89 +	9.17	705.	59.	7.
2198	0000	-815	37.9578	80.1958	DO	0.2	1.2	1.9 -	5.50	0.66 +	8.38	711.	57.	8.
2199	0000	-815	37.9583	80.1957	DO	0.3	1.0	2.1	3.58	0.46	7.84	732.	57.	10.
2200	0000	-816	37.9587	80.1957	DO	0.3	0.9	2.7	3.17	0.33	9.64	772.	55.	10.
2201	0000	-817	37.9592	80.1957	DO	0.3	1.0	2.9	3.12	0.35	9.00	813.	55.	9.
2202	0000	-817	37.9597	80.1956	DO	0.3	1.2	3.1	4.34	0.39	11.01	842.	53.	8.
2203	0000	-816	37.9602	80.1956	DO	0.3	1.1	3.2	3.26	0.36	9.12	863.	55.	8.
2204	0000	-816	37.9606	80.1956	DO	0.4	1.3	3.2	3.43	0.40	8.53	895.	56.	9.
2205	0000	-816	37.9611	80.1955	DO	0.3	1.6	2.9	4.67	0.55	8.55	921.	56.	9.
2206	0000	-817	37.9615	80.1955	DMB-1	0.3	1.7	2.7	5.24	0.62	8.46	946.	55.	9.
2207	0000	-817	37.9621	80.1955	DMB-1	0.4	1.8	2.6	5.06	0.69	7.29	948.	56.	9.
2208	0000	-816	37.9625	80.1955	DMB-1	0.3	2.0	2.4	5.76	0.81 +	7.12	975.	56.	10.
2209	0000	-815	37.9630	80.1955	DMB-1	0.4	1.9	2.3	4.71	0.81 +	5.82	992.	57.	11.
2210	0000	-816	37.9634	80.1954	DMB-1	0.4	2.0	2.3	5.06	0.89 +	5.71	1048.	57.	12.
2211	0000	-817	37.9639	80.1954	DMB-1	0.4	2.2	2.4	4.98	0.90 +	5.52	1102.	56.	12.
2212	0000	-816	37.9644	80.1953	DMB-1	0.5	2.5	2.7	4.91	0.90 +	5.47	1166.	54.	10.
2213	0000	-815	37.9648	80.1953	DMB-1	0.6	2.5	3.0	4.24	0.84 +	5.03	1232.	55.	9.
2214	0000	-814	37.9653	80.1953	DMB-1	0.7	2.7 +	3.1	3.96	0.85 +	4.64	1309.	54.	8.
2215	0000	-813	37.9658	80.1952	DMB-1	0.7	2.6	3.5	3.52	0.74	4.75	1339.	54.	7.
2216	0000	-814	37.9662	80.1952	DMB-1	0.8	2.8 +	3.8	3.52	0.73	4.82	1390.	55.	6.
2217	0000	-814	37.9667	80.1951	DMB-1	0.8	3.0 +	4.3	3.55	0.71	5.03	1446.	54.	3.
2218	0000	-814	37.9672	80.1951	DMB-1	0.9	3.1 +	4.4	3.50	0.70	5.02	1485.	55.	3.
2219	0000	-814	37.9676	80.1951	DMB-1	1.0	2.7 +	4.7	2.80	0.57	4.88	1490.	57.	3.
2220	0000	-813	37.9681	80.1950	DMB-1	1.0	2.7 +	4.8	2.98	0.60	4.98	1501.	58.	3.
2221	0000	-813	37.9686	80.1950	DMB-1	1.0	2.7 +	5.0	2.58	0.53	4.83	1514.	59.	3.
2222	0000	-813	37.9691	80.1950	DMB-1	1.1 +	2.8 +	5.2 +	2.43	0.53	4.56	1575.	57.	3.
2223	0000	-813	37.9695	80.1949	DMB-1	1.2 +	2.6 +	5.8 +	2.24	0.46	4.90	1641.	57.	4.
2224	0000	-813	37.9700	80.1949	DMB-1	1.3 +	2.3	6.1 +	1.76 -	0.38	4.64	1697.	56.	5.
2225	0000	-813	37.9704	80.1949	DMB-1	1.4 +	2.1	6.6 +	1.49 -	0.31 -	4.76	1751.	56.	6.
2226	0000	-813	37.9710	80.1949	DMB-2	1.4	2.1	7.1 --	1.54	0.30	5.08	1796.	55.	6.
2227	0000	-813	37.9714	80.1949	DMB-2	1.4	2.2	7.4 -	1.49	0.29	5.11	1853.	53.	7.
2228	0000	-813	37.9718	80.1947	DMB-2	1.5	2.4	8.0	1.62	0.31	5.27	1932.	52.	6.
2229	0000	-814	37.9723	80.1947	DMB-2	1.5	2.3	8.4	1.50	0.27	5.53	1958.	54.	6.
2230	0000	-814	37.9728	80.1947	DMB-2	1.6	2.4	8.4	1.49	0.28	5.23	1975.	53.	5.
2231	0000	-812	37.9732	80.1947	DMB-2	1.6	2.7	8.2	1.75	0.33	5.24	1973.	52.	5.
2232	0000	-812	37.9738	80.1947	DMB-2	1.5	2.8	8.1	1.81	0.34	5.31	1960.	52.	5.
2233	0000	-813	37.9742	80.1946	DMB-2	1.5	3.2 +	7.6 -	2.09	0.42 +	4.91 -	1979.	52.	5.
2234	0000	-813	37.9747	80.1946	DMB-2	1.5	3.2 +	7.8	2.10	0.41 +	5.09	2000.	55.	5.
2235	0000	-811	37.9751	80.1946	DMB-2	1.5	3.1 +	7.6 -	2.01	0.40 +	5.02	2007.	54.	7.
2236	0000	-811	37.9756	80.1945	DMB-2	1.5	3.1 +	7.1 -	2.08	0.43 ++	4.78 -	2001.	54.	10.
2237	0000	-812	37.9760	80.1945	DMB-2	1.5	3.0 +	7.2 -	2.00	0.42 +	4.82 -	2021.	52.	12.
2238	0000	-812	37.9766	80.1945	DMB-2	1.5	2.8	7.4 -	1.83	0.38 +	4.86 -	2067.	53.	14.
2239	0000	-812	37.9770	80.1944	DMB-2	1.6	2.6	7.7	1.64	0.33	4.97 -	2110.	51.	16.
2240	0000	-814	37.9775	80.1944	DB-2	1.6 +	2.2	8.2	1.38	0.26	5.21 -	2132.	53.	18.
2241	0000	-814	37.9779	80.1943	DB-2	1.6 +	1.9	7.9	1.19 -	0.24	5.01 -	2125.	51.	19.
2242	0000	-813	37.9784	80.1943	DB-2	1.6 +	1.7	8.0	1.03 -	0.21	4.93 -	2129.	52.	19.
2243	0000	-812	37.9789	80.1943	DB-2	1.7 +	1.5 -	8.1	0.92 -	0.19 -	4.84 -	2170.	51.	19.
2244	0000	-814	37.9794	80.1942	DB-2	1.7 +	1.3 -	8.4	0.79 --	0.16 -	4.99 -	2163.	53.	18.

CP 9 LP 12

STAT ANALYSIS BLUEFIELD NJ17-8 APPALACHIAN BASIN SURVEY 1979 TEXAS INSTRUMENTS INC.

FLIGHT LINE 920, DAY 295 PAGE 1096

ID	QUAL (AKUT)	TAGS MAG	LAT	LONG	RK.UNIT	POTASSIUM PCT	URANIUM PPM	THORIUM PPM	U / K	U / TH	TH / K	GROSS CPS	COS CPS	UAIR CPS
2245	0000	-815	37.9798	80.1942	DB-2	1.7 +	1.4 -	8.6	0.81 --	0.16 -	5.09 -	2151.	52.	16.
2246	0000	-815	37.9803	80.1942	DB-2	1.7 +	1.5 -	8.4	0.91 -	0.18 -	4.93 -	2127.	50.	14.
2247	0000	-814	37.9808	80.1942	DB-2	1.7 +	1.8	8.1	1.09 -	0.22	4.91 -	2100.	49.	12.
2248	0000	-813	37.9812	80.1942	DB-2	1.6 +	2.2	8.0	1.34	0.27	4.97 -	2087.	50.	10.
2249	0000	-814	37.9817	80.1941	DB-2	1.6 +	2.3	8.2	1.49	0.28	5.25 -	2059.	52.	9.
2250	0000	-816	37.9822	80.1941	DB-2	1.5	2.6	8.3	1.72	0.31	5.61	2023.	52.	7.
2251	0000	-815	37.9827	80.1941	DB-2	1.4	2.8 +	7.9	2.01	0.36 +	5.63	2006.	53.	6.
2252	0000	-815	37.9831	80.1940	DB-2	1.3	2.9 +	7.7	2.22	0.38 +	5.89	1989.	55.	6.
2253	0000	-816	37.9836	80.1940	DB-2	1.3	2.9 +	7.7	2.19	0.38 +	5.74	2045.	58.	6.
2254	0000	-817	37.9840	80.1940	DB-2	1.5	2.9 +	8.0	1.99	0.36 +	5.51	2114.	60.	7.
2255	0000	-817	37.9845	80.1939	DB-2	1.5	2.8 +	8.7	1.85	0.33	5.63	2186.	59.	8.
2256	0000	-817	37.9850	80.1939	DB-2	1.7 +	2.9 +	8.7	1.76	0.33	5.28 -	2234.	60.	8.
2257	0000	-818	37.9855	80.1938	DB-2	1.7 +	3.1 +	9.0	1.86	0.35 +	5.33 -	2312.	58.	9.
2258	0000	-818	37.9859	80.1938	DB-2	1.7 +	3.4 ++	9.1	1.92	0.37 +	5.23 -	2383.	56.	9.
2259	0000	-818	37.9864	80.1938	DB-2	1.8 +	3.3 ++	9.4	1.82	0.35 +	5.15 -	2446.	55.	10.
2260	0000	-818	37.9868	80.1937	DB-2	1.9 +	3.3 ++	9.6	1.76	0.34 +	5.12 -	2465.	54.	10.
2261	0000	-818	37.9873	80.1937	DB-2	1.8 +	3.5 ++	9.8 +	1.89	0.36 +	5.30 -	2509.	53.	11.
2262	0000	-818	37.9878	80.1937	DB-2	1.9 +	3.2 ++	9.5	1.69	0.34	5.03 -	2563.	52.	14.
2263	0000	-818	37.9883	80.1937	DB-2	1.9 ++	3.3 ++	9.5	1.68	0.34 +	4.88 -	2598.	51.	15.
2264	0000	-818	37.9887	80.1937	DB-2	2.0 ++	2.8 +	9.3	1.41	0.30	4.67 -	2578.	53.	17.
2265	0000	-818	37.9892	80.1935	DB-2	2.0 ++	2.5	9.8 +	1.27 -	0.26	4.97 -	2550.	52.	19.
2266	0000	-819	37.9897	80.1935	DB-2	1.9 ++	2.5	9.6	1.29	0.26	4.99 -	2502.	50.	20.
2267	0000	-820	37.9901	80.1935	DB-2	1.9 +	2.3	9.6	1.19 -	0.23	5.09 -	2465.	51.	21.
2268	0000	-820	37.9906	80.1935	DB-2	1.9 +	2.0	9.6	1.08 -	0.21	5.17 -	2390.	51.	21.
2269	0000	-821	37.9911	80.1935	DB-2	1.7 +	1.9	9.4	1.11 -	0.21	5.42 -	2268.	50.	20.
2270	0000	-820	37.9915	80.1935	DB-2	1.6 +	1.6 -	9.3	0.99 -	0.17 -	5.88	2159.	48.	19.
2271	0000	-820	37.9920	80.1934	DB-2	1.5	1.5 -	9.1	1.01 -	0.17 -	6.14	2079.	47.	18.
2272	0000	-821	37.9925	80.1934	D3-2	1.4	1.4 -	8.6	0.96 -	0.16 -	5.97	1993.	48.	17.
2273	0000	-822	37.9929	80.1933	DB-2	1.4	1.3 -	8.1	0.94 -	0.16 -	5.82	1900.	49.	15.
2274	0000	-821	37.9934	80.1933	DB-2	1.3	1.4 -	7.9	1.12 -	0.18 -	6.29	1803.	48.	13.
2275	0000	-822	37.9939	80.1933	DB-2	1.2	1.3 -	7.6	1.02 -	0.16 -	6.22	1726.	50.	11.
2276	0000	-822	37.9944	80.1932	DB-2	1.2	1.3 -	7.4	1.08 -	0.18 -	5.97	1703.	51.	9.
2277	0000	-822	37.9948	80.1932	DB-2	1.2	1.9	7.5	1.53	0.25	6.14	1714.	52.	7.
2278	0000	-823	37.9953	80.1932	DB-2	1.3	2.2	8.2	1.74	0.27	6.36	1769.	53.	5.
2279	0000	-823	37.9957	80.1931	DB-2	1.3	2.6	8.1	1.96	0.32	6.13	1838.	55.	4.
2280	0000	-825	37.9962	80.1931	DB-2	1.4	2.6	8.3	1.91	0.31	6.13	1904.	56.	3.
2281	0000	-825	37.9967	80.1931	DB-2	1.4	2.9 +	8.3	2.10	0.35 +	6.02	1926.	57.	3.
2282	0000	-823	37.9972	80.1931	DB-2	1.4	2.9 +	8.3	2.12	0.36 +	5.93	1958.	56.	4.
2283	0000	-824	37.9976	80.1931	DB-2	1.3	3.0 +	8.3	2.28	0.36 +	6.31	1951.	56.	6.
2284	0000	-826	37.9981	80.1929	DCH	1.3	3.0 +	8.3	2.28	0.36 +	6.31	1951.	56.	6.
2285	0000	-824	37.9986	80.1929	DCH	1.3	3.0 +	8.3	2.28	0.36 +	6.31	1951.	56.	6.
2286	0000	-826	37.9990	80.1929	DCH	1.3	3.0 +	8.3	2.28	0.36 +	6.31	1951.	56.	6.

CP 9 LP 12

JOB NO. 7582 - TERMINATED NORMALLY DATE = 80.064

```
//MFBLU3   JOB 'ZAGS-TEREL0812042   49857-1401+PPC2   000404 0192D C ',

         JOB READ  03/04 11:08:37        JOB STARTED ON SY2 03/04 22:58:13
         JOB ENDED 03/04 23:59:18          THIS PRINT ENDED 03/04 23:50:47

         TASK TIME=0001.56 MIN.   MAX. CORE USED=00076K   I/O OPER.=00001427
         I/O :    DISK=00000031   TAPE=00001396   VIRTUAL=00000000   MSS=00000000

         PRINTER    FORMS      LINES    PAGES    PROCNAME STEPNAME DDNAME   STATUS
         MF23       TI-12461   062023   000006   GO       STEP2    FICHTAPE

         TOTAL LINES ABOVE=0062023    CARDS READ=000008   CARDS TO SPOOL=000000

         CURRENT PRINT TOTALS :   IMPACT LINES=0000000     LASER PAGES=0000004
         CURRENT FICHE TOTALS :     ORIGINALS=0000006          COPIES=0000180

         TAPES MOUNTED=001        TAPE DRIVES=01         PRTY CLASS=DISCOUNT
         MSS :  MOUNTS=00000000   CYLS STAGED=00000000    CYLS USED=00000000

         APPROXIMATE PROCESSING COST = $    38.00
```

CP 9 LP 12

FLIGHT LINE 900, 1327 ...A01
FLIGHT LINE 900, 1378 ...B01
FLIGHT LINE 900, 1429 ...C01
FLIGHT LINE 900, 1480 ...D01
FLIGHT LINE 900, 1531 ...E01
FLIGHT LINE 900, 1582 ...F01
FLIGHT LINE 900, 1633 ...G01
FLIGHT LINE 900, 1684 ...H01
FLIGHT LINE 900, 1735 ...I01
FLIGHT LINE 900, 1786 ...J01
FLIGHT LINE 900, 1837 ...K01
FLIGHT LINE 900, 1888 ...L01
FLIGHT LINE 900, 1939 ...M01
FLIGHT LINE 900, 1990 ...A02
FLIGHT LINE 900, 2041 ...B02
FLIGHT LINE 900, 2092 ...C02
FLIGHT LINE 920, 1 ...D02
FLIGHT LINE 920, 52 ...E02
FLIGHT LINE 920, 103 ...F02
FLIGHT LINE 920, 154 ...G02
FLIGHT LINE 920, 205 ...H02
FLIGHT LINE 920, 256 ...I02
FLIGHT LINE 920, 307 ...J02
FLIGHT LINE 920, 358 ...K02
FLIGHT LINE 920, 409 ...L02
FLIGHT LINE 920, 460 ...M02
FLIGHT LINE 920, 511 ...A03
FLIGHT LINE 920, 562 ...B03
FLIGHT LINE 920, 613 ...C03
FLIGHT LINE 920, 664 ...D03
FLIGHT LINE 920, 715 ...E03
FLIGHT LINE 920, 766 ...F03
FLIGHT LINE 920, 817 ...G03
FLIGHT LINE 920, 868 ...H03
FLIGHT LINE 920, 919 ...I03
FLIGHT LINE 920, 970 ...J03
FLIGHT LINE 920, 1021 ...K03
FLIGHT LINE 920, 1072 ...L03
FLIGHT LINE 920, 1123 ...M03
FLIGHT LINE 920, 1174 ...A04
FLIGHT LINE 920, 1225 ...B04
FLIGHT LINE 920, 1276 ...C04
FLIGHT LINE 920, 1327 ...D04
FLIGHT LINE 920, 1378 ...E04
FLIGHT LINE 920, 1429 ...F04
FLIGHT LINE 920, 1480 ...G04
FLIGHT LINE 920, 1531 ...H04
FLIGHT LINE 920, 1582 ...I04
FLIGHT LINE 920, 1633 ...J04
FLIGHT LINE 920, 1684 ...K04
FLIGHT LINE 920, 1735 ...L04
FLIGHT LINE 920, 1786 ...M04
FLIGHT LINE 920, 1837 ...A05
FLIGHT LINE 920, 1888 ...B05
FLIGHT LINE 920, 1939 ...C05
FLIGHT LINE 920, 1990 ...D05
FLIGHT LINE 920, 2041 ...E05
FLIGHT LINE 920, 2092 ...F05
FLIGHT LINE 920, 2143 ...G05
FLIGHT LINE 920, 2194 ...H05
FLIGHT LINE 920, 2245 ...I05
.....J05