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GJDX-90(82)

National Uranium Resource Evaluation

**URANIUM HYDROGEOCHEMICAL AND
STREAM-SEDIMENT RECONNAISSANCE OF THE
JUNEAU NTMS QUADRANGLE, ALASKA**

Date Compiled by

**Bendix Field Engineering Corporation
Grand Junction, Colorado**

Date Collection and Chemical Analysis by

**Los Alamos National Laboratory
Los Alamos, New Mexico**

April 1982

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**PREPARED FOR THE U.S. DEPARTMENT OF ENERGY
Assistant Secretary for Nuclear Energy
Grand Junction Area Office, Colorado**

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URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT RECONNAISSANCE
OF THE
JUNEAU NTMS QUADRANGLE, ALASKA

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March 1982

PREPARED FOR THE U.S. DEPARTMENT OF ENERGY
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INTRODUCTION

This report presents results of a hydrogeochemical and Stream Sediment Reconnaissance (HSSR) of the Juneau NTMS quadrangle, Alaska. In addition to this abbreviated data release, more complete data are available to the public in machine-readable form. These machine-readable data, as well as quarterly or semiannual program progress reports containing further information on the HSSR program in general, or on the Los Alamos National Laboratory (LANL) portion of the program in particular, are available from DOE's Technical Library at its Grand Junction Area Office. Inquiries should be directed to:

Technical Library
Bendix Field Engineering Corporation
P.O. Box 1569
Grand Junction, CO 81502-1569
(303) 242-8621, Ext. 772

Presented in this data release are location data, field analyses, and laboratory analyses of several different sample media. For the sake of brevity, many field site observations have not been included in this volume; these data are, however, available in the machine tapes. Appendices A and B describe the sample media and present the analytical results for each medium. The data have been sorted by one of the Los Alamos National Laboratory sorting programs of March and April (1981) into a group of stream-sediment and lake-sediment data, and a group which contains a sufficient number of observations, statistical tables of results, and 1:1,000,000 scale maps of pertinent geographic areas have been included in this report. Also included are maps showing results of multivariate statistical analyses.

The Juneau NTMS quadrangle hydrogeochemical reconnaissance was performed by the Los Alamos National Laboratory under contract to the Grand Junction Area Office of the United States Department of Energy (DOE), as part of the National Uranium Resource Evaluation (NURE) program. Los Alamos National Laboratory was responsible for the design and execution of the program in the States of New Mexico, Colorado, Wyoming, and Utah. This data release was prepared by Bendix Field Engineering Corporation in order to make the data available to members of the public who do not have the information but have no access to computing facilities.

Information on the field methods and procedures used by the Los Alamos National Laboratory during the reconnaissance and analysis may be found in any HSSR data release prepared by the Laboratory (see, for example, Francis and others, 1981) and will not be repeated in this report.

RESULTS

Population statistics for stream sediments are given in Table 1. This table contains statistics such as mean, standard deviation, skewness, and kurtosis for two different populations: the total population and a population consisting of only those analyses that are above the detection limit (ADL) for each element. In addition, data are provided for each variable for the total number of samples possessing analyses, the number of analyses above the detection limit (NADL), the number of analyses below the detection limit (NBDL), and the number of missing analyses (MISS). Also tabulated for each variable are the maximum value, the minimum value considered above detection limit, and the maximum detection limit. Variable detection limits account for the fact that the maximum value of the detection limit is occasionally greater than the minimum value considered above the detection limit.

Maps of elemental concentrations, ratios, factor scores, and residuals were prepared by a computer program which represents data values in their correct latitude-longitude positions by symbols which vary in size and intensity in proportion to the value being plotted (Zinkl and others, 1981b). Maps of uranium concentrations in stream sediment and lake sediment are presented as Plates 1 and 2, respectively. Thorium concentrations in stream sediment samples and thorium-to-uranium ratios of stream sediment samples are plotted in Plates 3 and 4. Locations of stream sediment samples are shown in Plate 5.

In addition to the full-sized plates, several page-sized maps and figures are included to assist in interpretation of the data. A scatter plot of uranium versus thorium in stream sediments is shown in Figure 1. This plot may be used to identify groups of samples which differ significantly from normal crustal Th/U ratios. Deviations from normal ratios may indicate areas showing uranium enrichment or depletion.

When multielement data are provided by LANL, maps of elements considered useful in uranium exploration are included in the data release. Figures 2 and 3 show vanadium in stream sediments and copper in stream sediments, respectively.

Chemical analysis and field data for water samples from this quadrangle were open filed by the DOE Grand Junction Area Office as GJBX-159(81).

Table 1. Population Statistics for Steeper Sediment Data

VAR	FOR TOTAL ANALYSES				FOR ABOVE DETECTION LIMIT ANALYSES				FOR ABOVE DETECTION LIMIT ANALYSES				MAXIMUM MINIMUM DET. LIM.		
	TOTAL	MADE	MODEL	MISS	MEAN	STD. DEV.	SKEWNESS	KURTOSIS	MEAN	STD. DEV.	SKEWNESS	KURTOSIS	MEAN	MINIMUM	DET. LIM.
1 PH	306	306	0	16	7.14	6.66	-4.50	4.21	7.14	6.66	-4.50	4.21	9.20	4.40	99999.00
2 HL	307	307	0	15	47.40	49.27	4.20	34.27	47.40	49.27	4.20	34.21	520.00	1.00	99999.00
3 UP	266	266	0	54	0.01	0.01	1.78	0.00	0.01	0.01	1.78	0.00	35.00	1.00	99999.00
4 U	322	322	0	0	3.18	4.79	10.16	231.66	3.18	4.79	10.16	231.66	82.54	.63	99999.00
5 HG	298	1	297	24	2.51	.14	17.10	246.00	5.00	0.00	0.00	0.00	5.00	5.00	5.00
6 CI	298	3	295	24	2.54	.36	10.27	117.01	6.00	.02	0.00	1.50	7.00	5.00	5.00
7 CD	298	5	293	24	2.61	.88	9.40	97.05	6.80	2.71	.51	1.54	13.00	6.00	5.00
8 CU	298	292	6	24	52.08	31.06	-1.20	6.75	52.06	30.63	1.70	4.56	179.00	10.00	10.00
9 HR	298	0	298	24	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	20.00
10 HI	298	254	44	24	33.97	23.17	2.63	18.00	36.56	22.00	3.24	22.47	222.00	15.00	15.00
11 HF	298	91	207	24	4.30	3.79	4.08	29.04	4.40	4.76	3.27	20.30	36.00	5.00	5.00
12 SN	298	1	297	24	5.03	.52	17.16	246.00	14.00	0.00	0.00	0.00	14.00	14.00	10.00
13 U	298	2	296	24	1.57	.82	12.13	148.49	17.50	.00	0.00	1.00	18.00	17.00	15.00
14 AS	298	282	16	24	25.67	61.26	14.37	231.24	26.98	62.77	14.09	221.23	1016.00	5.00	5.00
15 SL	298	4	294	24	7.55	.46	9.02	103.51	6.25	1.30	.21	1.28	6.00	5.00	5.00
16 IR	298	298	0	24	146.74	78.44	2.54	10.24	146.74	78.44	2.54	10.32	543.00	52.00	99999.00
17 PD	0	0	0	222	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
18 FE	0	0	0	372	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
19 LI	0	0	0	322	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99999.00
20 AL	322	322	0	0	66497.70	10050.86	-1.12	6.28	66497.70	10050.86	-1.12	6.28	95140.00	13230.00	99999.00
21 AU	322	7	315	0	.05	.13	13.86	208.70	.59	.72	1.01	3.76	2.17	.10	.07
22 EA	322	256	66	0	735.24	763.10	4.91	18.00	840.57	781.77	4.75	38.86	2100.00	195.00	486.00
23 CA	322	316	6	0	24602.62	24467.89	1.07	27.75	24002.16	24352.40	3.92	78.48	250160.00	4282.00	2839.00
24 CE	322	318	3	1	49.73	28.13	1.00	24.16	50.11	27.05	3.77	24.15	276.00	13.00	17.00
25 CL	322	53	269	0	135.16	186.62	0.00	53.07	419.75	335.13	3.17	15.40	2176.00	132.00	112.00
26 CO	317	310	7	5	19.56	12.11	1.25	9.06	19.44	9.63	1.43	2.06	69.60	2.60	5.40
27 CR	321	312	9	1	115.63	94.71	2.00	13.04	111.71	64.71	2.72	13.32	731.00	18.00	30.00
28 CS	321	94	227	1	1.94	1.74	2.07	14.72	1.49	2.07	2.11	9.97	14.60	.80	2.10
29 CY	322	314	8	0	4.11	1.36	1.44	6.86	4.10	1.30	1.70	9.17	12.00	2.00	4.00
30 EU	321	319	2	1	1.27	.37	.78	3.58	1.28	.36	.80	3.58	2.60	.60	1.00
31 FE	321	321	0	1	49653.85	16257.60	1.53	12.46	49653.85	16257.60	1.53	12.46	170400.00	8209.00	99999.00
32 HF	321	304	17	1	4.59	3.05	2.66	12.82	4.79	3.01	2.64	13.44	23.60	1.30	3.30
33 K	322	247	75	0	11184.07	5459.78	-.07	2.16	13506.08	3889.09	.29	2.85	26570.00	5028.00	6208.00
34 LA	321	302	19	1	25.64	15.34	3.13	19.03	26.95	14.85	3.56	21.65	134.00	9.00	23.00
35 LU	321	295	26	1	.27	.11	1.01	7.82	.26	.09	1.99	11.20	.99	.10	.30
36 MG	322	315	7	0	14888.07	5904.48	1.27	7.37	15166.69	9660.79	1.57	8.04	44830.00	3500.00	3861.00
37 MN	322	322	0	0	1331.06	919.04	3.55	22.26	1331.06	919.04	3.55	22.26	8846.00	105.00	99999.00
38 NA	322	322	0	0	18823.36	5035.69	.01	3.25	18823.36	5035.69	.01	3.25	36200.00	5024.00	99999.00
39 RB	321	25	296	1	28.36	16.33	3.22	14.89	76.48	21.11	.78	2.43	127.00	50.00	38.00
40 SB	321	23	298	1	1.53	2.01	0.87	97.43	6.00	5.82	2.39	8.30	27.00	2.00	2.00
41 SC	321	321	0	1	18.09	6.38	1.12	5.91	18.09	6.38	1.12	5.91	50.90	2.30	99999.00
42 SM	321	316	5	1	4.19	2.27	3.14	18.18	4.23	2.26	3.22	18.59	20.00	1.50	1.70
43 SR	320	42	278	2	254.31	146.15	2.31	6.38	579.81	145.25	.65	3.47	1034.00	336.00	256.00
44 TA	321	15	306	1	.80	.47	2.47	10.79	2.33	.60	-.28	2.34	3.00	1.00	1.00
45 TB	320	40	280	2	.63	.37	3.61	17.61	1.40	.98	1.15	3.31	3.00	1.00	1.00
46 TH	321	305	16	1	5.42	5.07	5.13	35.95	5.66	5.10	5.22	36.14	46.90	1.40	3.30
47 TI	314	314	0	0	4610.89	1847.62	2.44	12.75	4610.89	1847.62	2.44	12.75	16640.00	1522.00	99999.00
48 V	322	321	1	0	161.00	66.62	4.85	56.30	161.48	66.17	4.98	57.80	929.00	21.00	14.00
49 VR	321	202	119	1	2.34	1.34	1.39	7.48	3.11	1.10	2.65	14.13	9.20	1.60	1.10
50 ZW	321	135	186	1	85.75	99.24	4.89	44.82	161.33	115.61	5.28	41.23	1136.00	41.00	79.00
51 TU	305	305	0	17	1.76	.67	1.72	9.33	1.76	.67	1.72	9.33	5.38	.10	99999.00

JUNEAU STREAM SEDIMENT

Figure 1. Uranium versus Thorium, Stream Sediments

JUNEAU STREAM SEDIMENT - VANADIUM (PPM)

Figure 2. Vanadium (ppm) in Stream Sediments

JUNEAU STREAM SEDIMENT - COPPER (PPM)

Figure 3. Copper (ppm) in Stream Sediments

MULTIVARIATE STATISTICAL ANALYSES

Stream-sediment analyses were edited by the FACEDT computer program (Shettler and others, 1980) in preparation for multivariate statistical analyses, by eliminating samples and variables with insufficient data. Information contained in the stream-sediment and lake-sediment data sets before and after editing is shown in Tables 2 and 3. The edited data sets are logarithmically transformed prior to the application of statistical methods.

R-mode factor analysis (Table 4) was performed on the transformed edited sediment data. R-mode compares variables over the range of samples; Q-mode compares samples using the variables. Factor analysis attempts to show the geochemical relationships that exist in the data by reducing the dimensionality of the multivariate observations (i.e., by grouping variables that are highly correlated into "factors"). In the sediment data, uranium typically loads with Ce, La, Fe, Mn, V and Sc, which is characteristic of monazite, zircon, the magnetite-ilmenite suite, and the iron-manganese oxide families of minerals. Results of factor analysis of ground-water data usually show uranium loading with the major ions, confirming the relationship between uranium and specific conductance.

Because of the high degree of correlation between uranium and those elements associated with resistate minerals, step-wise multiple regression (Table 5) was employed to "correct" the raw uranium value for that which is present in heavy or resistate minerals. A map of the regression residual shows the areas where uranium cannot be explained by the occurrence of resistate or heavy minerals (high positive residuals). This technique enhances anomalous samples by suppressing background populations resulting from resistate or heavy minerals. Factor score and residual maps are shown in Figures 4 through 7.

Table 2. Stream Sediment Data Before Editing

VAR	# MISSING	%	# AQL	%	MEAN	STD DEV
1 PH	16	4.97	0	0.00	7.16	.66
2 MU	15	4.66	0	0.00	47.40	49.27
3 UR	54	16.77	0	0.00	6.31	4.67
4 U	0	0.00	0	0.00	3.36	4.79
5 AG	24	7.45	297	92.24	2.51	.14
6 BI	24	7.45	295	91.61	2.54	.34
7 CD	24	7.45	293	90.99	2.61	.84
8 CU	24	7.45	6	1.86	52.09	31.06
9 NR	24	7.45	298	92.53	10.00	0.00
10 NI	24	7.45	44	13.66	33.97	23.17
11 PB	24	7.45	207	64.29	4.30	3.79
12 SN	24	7.45	297	92.24	5.03	.32
13 W	24	7.45	206	61.93	7.37	.32
14 AS	24	7.45	16	4.97	23.67	61.26
15 SE	24	7.45	294	91.30	2.35	.46
16 ZR	24	7.45	0	0.00	146.74	78.44
17 MQ	322	100.00	0	0.00	0.00	0.00
18 BE	322	100.00	0	0.00	0.00	0.00
19 LI	322	100.00	0	0.00	0.00	0.00
20 AL	0	0.00	0	0.00	66497.70	10050
21 AU	0	0.00	315	97.83	.09	.05
22 BA	0	0.00	66	20.30	733.26	741.21
23 CA	0	0.00	8	2.48	29682.82	24487.25
24 CE	1	.31	3	.93	40.73	12.41
25 CL	0	0.00	269	83.34	135.16	156.62
26 CO	5	1.55	7	2.17	19.36	10.11
27 CR	1	.31	9	2.80	113.63	94.11
28 CS	1	.31	227	70.50	1.34	1.71
29 DY	0	0.00	8	2.48	4.11	.11
30 EU	1	.31	2	.62	1.27	.11
31 FE	1	.31	0	0.00	49652.85	14
32 HF	1	.31	17	5.28	4.39	.11
33 K	0	0.00	75	23.29	11194.07	545
34 LA	1	.31	19	5.90	23.64	11.74
35 LU	1	.31	26	8.07	.27	.11
36 MG	0	0.00	7	2.17	14458.07	5105.41
37 MN	0	0.00	0	0.00	1331.06	918.04
38 NA	0	0.00	0	0.00	18823.26	5052.40
39 RB	1	.31	296	91.93	23.36	10.03
40 SB	1	.31	203	63.33	1.33	2.01
41 SC	1	.31	0	0.00	10.09	6.38
42 SM	1	.31	5	1.55	4.10	2.27
43 SR	2	.62	278	86.34	254.31	140.15
44 TA	1	.31	306	95.03	.60	.47
45 TB	2	.62	280	86.96	.63	.37
46 TH	1	.31	16	4.97	5.42	2.07
47 TI	8	2.49	0	0.00	4610.89	1847.62
48 V	0	0.00	1	.31	151.00	66.62
49 YR	1	.31	119	36.96	2.34	1.34
50 ZN	1	.31	186	57.76	83.73	90.24
51 TU	17	5.28	0	0.00	1.76	.67

TOTAL NUMBER OF SAMPLES • 322

Table 3. Stream Sediment Data After Editing

VAR	# MISSING	%	# ROW	%	MEAN	STD DEV
1 PH	0	0.00	0	0.00	7.14	.67
2 MU	0	0.00	0	0.00	45.46	45.78
3 UR	0	0.00	0	0.00	6.38	4.32
4 U	0	0.00	0	0.00	3.57	5.67
5 CU	0	0.00	3	1.35	52.39	29.79
6 NI	0	0.00	31	13.96	33.45	23.08
7 AS	0	0.00	10	4.50	26.80	69.74
8 ZR	0	0.00	0	0.00	145.32	74.72
9 AL	0	0.00	0	0.00	67480.41	8982.49
10 BA	0	0.00	33	14.86	765.24	783.62
11 CA	0	0.00	2	.90	31937.15	26242.30
12 CE	0	0.00	0	0.00	92.04	30.76
13 CO	0	0.00	2	.90	18.33	8.34
14 CR	0	0.00	4	1.80	110.48	92.14
15 DY	0	0.00	0	0.00	4.29	1.36
16 EU	0	0.00	0	0.00	1.30	.37
17 FE	0	0.00	0	0.00	49022.57	12464.74
18 HF	0	0.00	8	3.60	4.62	3.11
19 K	0	0.00	39	17.57	11572.34	5283.33
20 LA	0	0.00	6	2.70	27.15	16.53
21 LU	0	0.00	13	5.86	.27	.11
22 MG	0	0.00	1	.45	15147.07	5130.83
23 MN	0	0.00	0	0.00	1221.59	642.02
24 NA	0	0.00	0	0.00	19154.36	4628.74
25 SC	0	0.00	0	0.00	17.97	5.35
26 SM	0	0.00	1	.45	4.40	2.47
27 TH	0	0.00	0	0.00	5.84	5.69
28 TI	0	0.00	0	0.00	4623.29	1838.63
29 V	0	0.00	0	0.00	158.22	43.59
30 YR	0	0.00	77	34.68	2.42	1.43
31 TU	0	0.00	0	0.00	1.79	.72
TOTAL NUMBER OF SAMPLES = 222						

FACTOR ANALYSIS (CASE 2)
JUNEAU STREAM SEDIMENT
NUMBER OF SAMPLES 222
NUMBER OF VARIABLES 31

Table 4. R-mode Factor Analysis of Stream Sediment Data

CORRELATION COEFFICIENTS

	PH	MU	UR	U	CU	NI	AS	TR	AL	RA	CA	CE	CO	CP	DV
PH	1.000														
MU	.196	1.000													
UR	.079	-.206	1.000												
U	-.064	-.274	.194	1.000											
CU	.175	.376	-.116	-.075	1.000										
NI	.030	.321	-.152	.079	.539	1.000									
AS	.015	.359	-.196	.019	.494	.429	1.000								
TR	-.081	-.500	.169	.379	-.465	-.258	-.279	1.000							
AL	-.025	-.153	.026	.071	-.074	-.054	-.051	.188	1.000						
RA	-.033	-.306	.063	.322	-.111	.022	-.021	.212	-.078	1.000					
CA	.033	-.162	.141	-.061	-.072	-.174	-.192	.165	-.212	-.036	1.000				
CE	-.011	-.348	.188	.508	-.234	-.142	-.139	.666	.108	.235	.078	1.000			
CO	.050	.168	-.162	-.027	.442	.495	.310	-.081	.145	-.010	.156	.038	1.000		
CP	-.152	.296	-.221	-.021	.274	.664	.287	-.183	-.172	-.032	-.152	-.168	.453	1.000	
DV	.041	-.234	.093	.441	.128	.081	.069	.448	.086	.289	.042	.569	.097	-.089	1.000
EU	-.073	-.321	.054	.352	-.066	.038	.032	.489	.097	.436	.013	.683	.215	.087	.213
FE	-.036	.038	-.109	-.012	.303	.304	.350	.094	.264	-.074	-.016	.192	.619	.354	.107
HF	-.121	-.438	.146	.381	-.457	-.236	-.215	.841	.175	.265	.106	.655	.008	-.080	.361
K	.068	.146	.016	.197	-.040	.040	.095	-.143	.293	.022	-.288	.010	-.101	.076	-.094
LA	.061	-.352	.218	.549	-.203	-.124	-.184	.606	.134	.335	.137	.836	.126	-.160	.531
LU	.088	-.135	.052	.324	.034	-.082	.057	.337	.135	.132	-.011	.558	.118	-.064	.522
MG	.054	.660	-.085	.033	.378	.403	.246	-.138	.242	-.106	.206	-.108	.419	.268	.041
MN	-.122	-.042	-.186	-.023	.048	.206	.106	.179	-.077	.039	-.003	.082	.544	.311	.114
NA	-.048	-.206	.053	-.161	-.356	-.356	-.348	.279	.535	-.078	.102	.020	-.028	-.205	-.085
SC	-.042	-.010	-.061	-.106	.367	.742	.205	-.023	.160	-.021	.139	.080	.556	.333	.745
SM	-.053	-.354	.153	.471	-.100	-.066	-.042	.572	.132	.290	.123	.891	.139	-.050	.824
TH	-.125	-.433	.224	.659	-.270	-.160	-.200	.613	.116	.328	.033	.816	-.083	-.142	.511
TI	.040	-.090	.096	.160	.212	.262	.152	.308	.166	.211	.024	.205	.328	.185	.425
V	.027	.205	-.115	-.027	.598	.480	.394	-.219	.124	.022	-.017	-.169	.564	.437	.242
YB	.010	-.179	.163	.211	.031	-.023	.041	.316	-.022	.149	.082	.937	.141	-.036	.471
TU	-.081	-.220	.053	-.346	-.249	-.267	-.272	.322	.050	.032	.113	.424	-.072	-.157	.123
EU	1.000														
FE	.482	1.000													
HF	.544	.141	1.000												
K	-.153	-.110	-.029	1.000											
LA	.588	.128	.622	.047	1.000										
LU	.457	.283	.332	-.030	.624	1.000									
MG	.035	.486	-.164	-.027	-.031	.019	1.000								
MN	.274	.426	.153	-.315	.056	.076	-.010	1.000							
NA	-.007	.013	.220	-.049	.090	.095	-.025	.080	1.000						
SC	.415	.761	.023	-.247	.092	.313	.515	.275	-.018	1.000					
SM	.773	.344	.606	-.028	.795	.599	.003	.128	-.004	.292	1.000				
TH	.494	.017	.643	.141	.751	.453	-.168	-.041	-.006	-.044	.734	1.000			
TI	.470	.508	.213	-.193	.271	.237	.331	.735	.031	.423	.331	.035	1.000		
V	.189	.656	-.227	-.043	-.101	.154	.561	.268	-.212	.732	.027	-.256	.507	1.000	
YB	.445	.252	.364	-.050	.457	.446	-.028	.066	-.032	.298	.526	.456	.187	.125	1.000
TU	.206	.035	.357	-.054	.297	.187	-.248	-.024	.180	.069	.365	.478	-.143	-.277	.329
TU	1.000														

Table 4. R-mode Factor Analysis of Stream Sediment Data
(continued)

	FACTOR				
	1	2	3	4	5
EIGENVALUES	7.54930	5.55648	2.34088	1.79695	1.63052
CPTV	.24353	.42277	.49828	.55625	.60884
ELEMENTS		UNROTATED	FACTOR	LOADINGS	
PH	-.07199	-.03950	-.14543	.15465	.51372
MU	-.53375	-.27665	-.23114	-.00194	.09171
UR	.23860	.20341	-.06247	.10916	.33321
U	.55136	-.01783	-.55956	.18564	-.18256
CU	-.29222	-.67458	-.25593	-.00828	.30444
NI	-.19322	-.67629	-.32261	-.06052	-.22223
AS	-.19428	-.55685	-.34400	.00930	-.03760
ZR	.78800	.19300	.19856	-.01677	-.18276
AL	.21005	-.07047	.28926	.83370	-.15726
BA	.37846	.00378	-.26744	-.09850	-.20118
CA	.12130	.03442	.36409	-.28513	.43908
CE	.90006	.03957	-.13574	-.04425	.05018
CO	.06394	-.75571	.20851	-.04011	-.09237
CR	-.17748	-.59059	-.09086	-.20699	-.43955
DY	.66410	-.25655	-.22909	-.01024	.18520
EU	.76015	-.31670	.00965	-.11809	-.10694
FE	.25315	-.77672	.30699	.11145	-.05431
HF	.79763	.15834	.13718	-.02829	-.26334
K	-.05798	.12175	-.44109	.57337	-.15745
LA	.86349	.01030	-.14526	.05747	.08959
LU	.63497	-.20622	-.08562	.10983	.24045
MG	-.07419	-.61468	.15155	.32876	.17170
MN	.15402	-.41526	.31779	-.36515	-.41182
NA	.15626	.25141	.65039	.42819	-.12012
SC	.19687	-.75176	.35532	.00758	.18957
SM	.88531	-.15717	-.08939	-.04281	.06888
TH	.83326	.18684	-.26555	.00721	-.06404
TI	.35084	-.55286	.11293	.10410	-.00292
V	-.06695	-.87035	.04450	.12187	.09957
YB	.58596	-.17734	-.07061	-.14816	.28275
TU	.39545	.25398	.32243	-.21058	.13371

Table 5. Regression Analysis Results, Stream Sediment

MULTIPLE REGRESSION ANALYSIS

PROBLEM JUNEAU STREAM SEDIMENT

OBSERVATIONS 222

PROBLEM JUNEAU STREAM SEDIMENT

STEPWISE REGRESSION CASE 1

DEPENDENT VARIABLE 4

F-LEVEL TO ENTER 5.00000

F-LEVEL TO REMOVE 5.00000

STANDARD ERROR OF Y .48973

STEP NO. 1

ENTERED VARIABLE 27

F-LEVEL	169.65920
STANDARD ERROR OF Y	.36853
MULTIPLE CORRELATION	.63873
R-SQUARED	.43395
DEGREES OF FREEDOM	220
CONSTANT TERM	.09809

VARIABLE	BETA PRIME	BETA	SE(BETA)
27	.65875E+00	.61677E+00	.47492E-01

STEP NO. 2

ENTERED VARIABLE 6

F-LEVEL	12.20072
STANDARD ERROR OF Y	.35950
MULTIPLE CORRELATION	.68104
R-SQUARED	.46382
DEGREES OF FREEDOM	219
CONSTANT TERM	-.35771

VARIABLE	BETA PRIME	BETA	SE(BETA)
6	.17455E+00	.12706E+00	.36375E-01
27	.68318E+00	.63944E+00	.46788E-01

Table 5. Regression Analysis Results, Stream Sediment
(continued)

STEP NO. 3

ENTERED VARIABLE 25

F-LEVEL	6.22932
STANDARD ERROR OF Y	.35528
MULTIPLE CORRELATION	.69189
R-SQUARED	.47971
DEGREES OF FREEDOM	218
CONSTANT TERM	.14128

VARIABLE	BETA PRIME	BETA	SE(BETA)
6	.20478E+00	.14906E+00	.37014E-01
25	-.12577E+00	-.20037E+00	.90289E-01
27	.68191E+00	.63846E+00	.46242E-01

STEP NO. 4

ENTERED VARIABLE 29

F-LEVEL	28.03599
STANDARD ERROR OF Y	.33511
MULTIPLE CORRELATION	.73373
R-SQUARED	.53836
DEGREES OF FREEDOM	217
CONSTANT TERM	-2.00039

VARIABLE	BETA PRIME	BETA	SE(BETA)
6	.79091E-01	.57571E-01	.38954E-01
25	-.40230E+00	-.64091E+00	.11250E+00
27	.76062E+00	.71213E+00	.45783E-01
29	.42376E+00	.71268E+00	.13460E+00

STEP NO. 5

REMOVED VARIABLE 6

F-LEVEL	2.19432
STANDARD ERROR OF Y	.33602
MULTIPLE CORRELATION	.73056
R-SQUARED	.53371
DEGREES OF FREEDOM	218
CONSTANT TERM	-2.16856

VARIABLE	BETA PRIME	BETA	SE(BETA)
25	-.42154E+00	-.67155E+00	.11098E+00
27	.76213E+00	.71356E+00	.45807E-01
29	.47623E+00	.80092E+00	.12096E+00

Table 5. Regression Analysis Results, Stream Sediment
(continued)

STEP NO. 6

ENTERED VARIABLE 22

F-LEVEL 9.15672
STANDARD ERROR OF Y .32990
MULTIPLE CORRELATION .74336
R-SQUARED .55259
DEGREES OF FREEDOM 217
CONSTANT TERM -3.69898

VARIABLE	BETA PRIME	BETA	SE(BETA)
22	.16934E+00	.23244E+00	.76815E-01
25	-.46314E+00	-.73784E+00	.11104E+00
27	.77299E+00	.72374E+00	.45187E-01
29	.41454E+00	.69719E+00	.12361E+00

STEP NO. 7

ENTERED VARIABLE 16

F-LEVEL 5.42162
STANDARD ERROR OF Y .32559
MULTIPLE CORRELATION .75070
R-SQUARED .56355
DEGREES OF FREEDOM 216
CONSTANT TERM -3.57000

VARIABLE	BETA PRIME	BETA	SE(BETA)
16	.14134E+00	.24724E+00	.10618E+00
22	.19174E+00	.26319E+00	.77193E-01
25	-.53035E+00	-.84490E+00	.11916E+00
27	.70192E+00	.65710E+00	.53104E-01
29	.40529E+00	.68330E+00	.12251E+00

ANALYSIS OF VARIANCE

TERM	SS	DF	MS
TOTAL	.52787E+02	221	
REG	.29748E+02	5	.59495E+01
ERR	.23039E+02	216	.10666E+00

JUNEAU STREAM SEDIMENT FACTOR SCORE 1

Figure 4. Stream Sediment Factor Score 1

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JUNEAU STREAM SEDIMENT FACTOR SCORE 3

JUNEAU STREAM SEDIMENT RESIDUALS

UNIVERSAL TRANSVERSE MERCATOR PROJECTION

SCALE 1:1000000

Figure 7. Stream Sediment Residuals

REFERENCES

- Arendt, J. W., 1981, Hydrogeochemical and Stream Sediment Reconnaissance Basic Data for Juneau Quadrangle, Alaska: U.S. Department of Energy Open-File Report GJBX-159(81).
- Planner, H. N., Apel, C. T., Fuka, M. A., George, W. E., Hansel, J. M., Hensley, W. K., and Pirtle, J., 1981, Uranium Hydrogeochemical and Stream Sediment Reconnaissance Data Release for the Leadville NTMS Quadrangle, Colorado, Including Concentrations of Forty-two Additional Elements: U.S. Department of Energy Open-File Report GJBX-13(81).
- Shettel, D. L., Jr., D'Andrea, R. F., Jr., and Zinkl, R. J., 1980, FACEDT: A FORTRAN Program to Process Hydrogeochemical and Stream Sediment Reconnaissance Data for Multivariate Statistical Analysis: U.S. Department of Energy Open-File Report GJBX-246(80).
- Zinkl, R. J., D'Andrea, R. F., Jr., and Shettel, D. L., Jr., 1981a, FORTRAN Computer Programs to Read, Sort, and Edit Los Alamos Hydrogeochemical Data: U.S. Department of Energy Open-File Report GJBX-11(81).
- 1981b, Symbolic Plotting of Geochemical Exploration Data: U.S. Department of Energy Open-File Report (in preparation).

Appendix A. Stream Sediment Data

Appendix A. Stream Sediment Data

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 1

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	MOBILIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
466017	58.2953	134.8022	8.	100.0	1.	2.01	-5.00	-5.00	-5.00	43.00	-20.00	24.00	-5.00	-10.00	-15.00
466018	58.2803	134.7806	7.	6.0	6.	2.22	-5.00	-5.00	-5.00	13.00	-20.00	15.00	-5.00	-10.00	-15.00
466019	58.1703	134.4861	6.	46.0	3.	3.29	-5.00	-5.00	-5.00	26.00	-20.00	33.00	-5.00	-10.00	-15.00
466020	58.1717	134.4675	7.	83.0	3.	2.48	-5.00	-5.00	-5.00	21.00	-20.00	65.00	-5.00	-10.00	-15.00
466021	58.1686	134.4372	7.	44.0	4.	2.31	-5.00	-5.00	-5.00	145.00	-20.00	37.00	-5.00	-10.00	-15.00
466022	58.1475	134.3694	7.	48.0	3.	2.83	-5.00	-5.00	-5.00	26.00	-20.00	26.00	-5.00	-10.00	-15.00
466023	58.1433	134.3169	7.	25.0	8.	2.01	-5.00	-5.00	-5.00	-10.00	-20.00	43.00	-5.00	-10.00	-15.00
466024	58.1417	134.2742	7.	24.0	5.	2.01	-5.00	-5.00	-5.00	20.00	-20.00	38.00	-5.00	-10.00	-15.00
466025	58.1456	134.1806	7.	28.0	1.	1.97	-5.00	-5.00	-5.00	35.00	-20.00	41.00	-5.00	-10.00	-15.00
466026	58.1269	134.2397	6.	520.0	5.	1.89	-5.00	-5.00	-5.00	20.00	-20.00	30.00	-5.00	-10.00	-15.00
466027	58.0994	134.1861	7.	74.0	5.	1.82	-5.00	-5.00	-5.00	59.00	-20.00	47.00	-5.00	-10.00	-15.00
466028	58.0475	134.1425	7.	51.0	8.	1.83	-5.00	-5.00	-5.00	84.00	-20.00	33.00	-5.00	-10.00	-15.00
466029	58.0303	134.1181	7.	42.0	4.	1.59	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466030	58.0189	134.1008	6.	58.0	1.	2.33	-5.00	-5.00	-5.00	17.00	-20.00	43.00	-5.00	-10.00	-15.00
466031	58.0175	134.1856	6.	53.0	6.	2.10	-5.00	-5.00	-5.00	37.00	-20.00	15.00	-5.00	-10.00	-15.00
466032	58.0425	134.2211	6.	66.0	-9999.	1.97	-5.00	-5.00	-5.00	36.00	-20.00	23.00	-5.00	-10.00	-15.00
466033	58.0625	134.2433	6.	71.0	3.	2.58	-5.00	-5.00	-5.00	32.00	-20.00	23.00	-5.00	-10.00	-15.00
466034	58.0675	134.3028	6.	44.0	6.	2.82	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466035	58.0992	134.3178	6.	47.0	-9999.	2.54	-5.00	-5.00	-5.00	37.00	-20.00	33.00	-5.00	-10.00	-15.00
466036	58.1231	134.3072	6.	26.0	1.	1.92	-5.00	-5.00	-5.00	15.00	-20.00	21.00	-5.00	-10.00	-15.00
466038	58.2083	134.3669	6.	73.0	3.	1.48	-5.00	-5.00	-5.00	136.00	-20.00	23.00	-5.00	-10.00	-15.00
466039	58.1981	134.3225	6.	47.0	1.	1.07	-5.00	-5.00	-5.00	132.00	-20.00	56.00	-5.00	-10.00	-15.00
466040	58.1978	134.2608	6.	44.0	1.	1.62	-5.00	-5.00	-5.00	63.00	-20.00	60.00	-5.00	-10.00	-15.00
466041	58.2303	134.3050	6.	47.0	11.	1.88	-5.00	-5.00	-5.00	61.00	-20.00	35.00	-5.00	-10.00	-15.00
466042	58.2453	134.3369	6.	37.0	-9999.	4.50	-5.00	-5.00	-5.00	45.00	-20.00	35.00	-5.00	-10.00	-15.00
466043	58.2164	134.2906	7.	74.0	7.	1.42	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466044	58.2194	134.4019	7.	25.0	7.	1.03	-5.00	-5.00	-5.00	106.00	-20.00	51.00	-5.00	-10.00	-15.00
466045	58.2217	134.4267	8.	46.0	6.	2.96	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466046	58.2278	134.4961	7.	25.0	7.	.85	-5.00	-5.00	-5.00	66.00	-20.00	134.00	-5.00	-10.00	-15.00
466048	58.1339	134.5592	7.	70.0	3.	1.30	-5.00	-5.00	-5.00	27.00	-20.00	24.00	-5.00	-10.00	-15.00
466049	58.1411	134.5217	7.	74.0	-9999.	3.02	-5.00	-5.00	-5.00	77.00	-20.00	67.00	-5.00	-10.00	-15.00
466050	58.1317	134.4581	7.	69.0	1.	3.42	-5.00	-5.00	-5.00	61.00	-20.00	25.00	-5.00	-10.00	-15.00
466052	58.0919	134.4236	7.	79.0	-9999.	1.21	-5.00	-5.00	-5.00	51.00	-20.00	50.00	-5.00	-10.00	-15.00
466053	58.0639	134.4244	7.	69.0	4.	2.43	-5.00	-5.00	-5.00	61.00	-20.00	63.00	-5.00	-10.00	-15.00
466054	58.0589	134.3903	6.	15.0	-9999.	.63	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466055	58.0569	134.3531	6.	44.0	2.	2.69	-5.00	-5.00	-5.00	41.00	-20.00	35.00	-5.00	-10.00	-15.00
466056	58.0289	134.4194	7.	28.0	2.	17.74	-5.00	-5.00	-5.00	48.00	-20.00	81.00	-5.00	-10.00	-15.00
466058	58.0486	134.3539	7.	51.0	4.	2.55	-5.00	-5.00	-5.00	33.00	-20.00	32.00	-5.00	-10.00	-15.00
466059	58.0464	134.3311	6.	26.0	4.	1.62	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
466061	58.1278	134.0431	6.	49.0	5.	2.61	-5.00	-5.00	-5.00	134.00	-20.00	73.00	-5.00	-10.00	-15.00
466062	58.1608	134.0764	7.	47.0	5.	5.22	-5.00	-5.00	-5.00	28.00	-20.00	25.00	-5.00	-10.00	-15.00
466063	58.2044	134.0781	7.	18.0	3.	1.55	-5.00	-5.00	-5.00	93.00	-20.00	17.00	-5.00	-10.00	-15.00
466064	58.2019	134.0775	7.	21.0	4.	1.96	-5.00	-5.00	-5.00	74.00	-20.00	15.00	-5.00	-10.00	-15.00
466068	58.4792	134.7239	7.	36.0	5.	1.85	-5.00	-5.00	-5.00	73.00	-20.00	61.00	-5.00	-10.00	-15.00
466069	58.4992	134.7203	7.	24.0	-9999.	1.75	-5.00	-5.00	-5.00	77.00	-20.00	57.00	-5.00	-10.00	-15.00
466072	58.5278	134.6875	7.	8.0	5.	2.66	-5.00	-5.00	-5.00	18.00	-20.00	15.00	-5.00	-10.00	-15.00
466073	58.5350	134.7089	7.	10.0	4.	2.67	-5.00	-5.00	-5.00	78.00	-20.00	58.00	-5.00	-10.00	-15.00
466074	58.5636	134.7283	7.	7.0	7.	1.61	-5.00	-5.00	-5.00	10.00	-20.00	15.00	-5.00	-10.00	-15.00
466075	58.5622	134.7275	7.	7.0	7.	1.37	-5.00	-5.00	-5.00	23.00	-20.00	15.00	-5.00	-10.00	-15.00
466077	58.5444	134.7844	7.	52.0	-9999.	1.91	-5.00	-5.00	-5.00	18.00	-20.00	15.00	-5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 1

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MO PPM	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468017	18.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	64550.00	-0.07	754.00	34900.00	43.00	-142.00	14.20
468018	16.00	-5.00	94.00	-9999.00	-9999.00	-9999.00	63060.00	-0.08	693.00	11140.00	26.00	-237.00	6.50
468019	14.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	62760.00	-0.08	696.00	17500.00	26.00	-148.00	8.40
468020	19.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	74860.00	-0.08	638.00	28690.00	27.00	-167.00	12.10
468021	20.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	68130.00	-0.06	641.00	22390.00	39.00	-140.00	27.90
468022	16.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	62750.00	-0.08	788.00	18180.00	44.00	594.00	15.30
468023	15.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	58620.00	-0.06	843.00	19650.00	26.00	-148.00	11.80
468024	15.00	-5.00	143.00	-9999.00	-9999.00	-9999.00	67760.00	-0.07	739.00	22660.00	22.00	-176.00	13.20
468025	24.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	65600.00	-0.07	-245.00	44440.00	42.00	-183.00	35.30
468026	7.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	63010.00	-0.08	893.00	17710.00	38.00	-142.00	14.30
468027	11.00	-5.00	103.00	-9999.00	-9999.00	-9999.00	57620.00	-0.08	-368.00	21340.00	35.00	-220.00	23.20
468028	18.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	66580.00	-0.11	-427.00	20280.00	37.00	-349.00	47.60
468029	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	64710.00	-0.05	789.00	19720.00	30.00	-151.00	11.80
468030	31.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	56240.00	-0.10	857.00	17090.00	45.00	-201.00	41.30
468031	16.00	-5.00	83.00	-9999.00	-9999.00	-9999.00	51440.00	-0.12	-300.00	-1805.00	32.00	-152.00	-1.10
468032	12.00	-5.00	138.00	-9999.00	-9999.00	-9999.00	70080.00	-0.08	716.00	23920.00	22.00	-186.00	17.20
468033	11.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	67470.00	-0.05	650.00	19430.00	33.00	-160.00	17.80
468034	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	71780.00	-0.09	672.00	11350.00	35.00	-142.00	24.60
468035	16.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	69270.00	-0.06	602.00	9477.00	32.00	-125.00	13.20
468036	12.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	64130.00	-0.07	439.00	15760.00	24.00	-206.00	16.60
468038	38.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	63970.00	-0.11	-262.00	30330.00	43.00	-169.00	30.80
468039	18.00	-5.00	82.00	-9999.00	-9999.00	-9999.00	66540.00	-0.08	-257.00	43060.00	27.00	-163.00	30.70
468040	18.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	65530.00	-0.10	-279.00	37750.00	27.00	-219.00	32.20
468041	26.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	62580.00	.12	482.00	20530.00	41.00	237.00	21.50
468042	42.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	67290.00	-0.10	761.00	20520.00	58.00	-148.00	27.00
468043	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	61620.00	.35	-360.00	31090.00	34.00	-193.00	27.80
468044	20.00	-5.00	79.00	-9999.00	-9999.00	-9999.00	69500.00	-0.11	-209.00	58430.00	26.00	-164.00	35.30
468045	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	61340.00	-0.11	-294.00	73070.00	-7.00	-184.00	40.70
468046	7.00	-5.00	59.00	-9999.00	-9999.00	-9999.00	56440.00	-0.11	-194.00	67240.00	16.00	-137.00	49.20
468048	13.00	-5.00	108.00	-9999.00	-9999.00	-9999.00	71360.00	-0.08	795.00	16320.00	25.00	670.00	12.20
468049	24.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	63290.00	-0.07	1294.00	29820.00	35.00	-123.00	25.30
468050	33.00	-5.00	122.00	-9999.00	-9999.00	-9999.00	58270.00	-0.10	809.00	15150.00	52.00	-165.00	16.50
468052	26.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	57810.00	-0.08	1611.00	21900.00	25.00	-120.00	17.40
468053	11.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	61350.00	-0.07	-190.00	39120.00	45.00	-147.00	28.10
468054	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	13230.00	-0.18	-350.00	-2775.00	-18.00	744.00	-2.20
468055	15.00	-5.00	108.00	-9999.00	-9999.00	-9999.00	58150.00	-0.08	679.00	14310.00	52.00	-184.00	31.50
468056	11.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	66730.00	-0.11	-207.00	55810.00	49.00	-167.00	25.50
468058	8.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	68550.00	-0.09	633.00	17920.00	41.00	-136.00	17.10
468059	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	54400.00	-0.08	740.00	15570.00	21.00	399.00	-1.10
468061	31.00	-5.00	99.00	-9999.00	-9999.00	-9999.00	67830.00	-0.08	807.00	30740.00	36.00	-163.00	46.20
468062	-5.00	-5.00	384.00	-9999.00	-9999.00	-9999.00	63000.00	-0.07	1204.00	42660.00	111.00	-119.00	11.40
468063	-5.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	72520.00	-0.08	607.00	30020.00	23.00	-164.00	28.70
468064	-5.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	75420.00	-0.09	466.00	30840.00	37.00	-199.00	21.30
468068	100.00	-5.00	105.00	-9999.00	-9999.00	-9999.00	71210.00	-0.07	460.00	17370.00	32.00	-141.00	22.00
468069	150.00	-5.00	93.00	-9999.00	-9999.00	-9999.00	66880.00	-0.11	309.00	17830.00	26.00	-175.00	34.30
468072	-5.00	-5.00	215.00	-9999.00	-9999.00	-9999.00	67220.00	-0.07	1331.00	41750.00	54.00	-125.00	6.30
468073	25.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	64270.00	-0.07	1106.00	23320.00	42.00	-162.00	25.30
468074	5.00	-5.00	190.00	-9999.00	-9999.00	-9999.00	76120.00	-0.08	406.00	50690.00	71.00	200.00	9.70
468075	-5.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	72610.00	-0.07	791.00	48240.00	59.00	176.00	10.30
468077	14.00	-5.00	434.00	-9999.00	-9999.00	-9999.00	79240.00	-0.06	622.00	51830.00	72.00	-166.00	9.30

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET

1

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	NO PPM
468017	111.00	-1.90	4.00	1.10	37760.00	4.10	7886.00	23.00	.20	14780.00	953.00	22020.00	-41.00
468018	121.00	-2.40	3.00	.90	48900.00	2.50	15590.00	15.00	.20	11620.00	1177.00	19900.00	-57.00
468019	197.00	3.00	2.00	1.10	44570.00	3.20	9278.00	15.00	.20	13190.00	752.00	16910.00	-46.00
468020	240.00	-2.10	3.00	1.10	51110.00	3.10	15460.00	17.00	-.10	16890.00	1193.00	23080.00	-50.00
468021	142.00	-1.60	4.00	1.30	52500.00	4.70	15030.00	21.00	.20	12700.00	1065.00	20320.00	-37.00
468022	350.00	-2.30	3.00	.80	44670.00	3.90	13710.00	19.00	.20	13200.00	1222.00	21990.00	-49.00
468023	375.00	-1.60	3.00	1.10	39860.00	5.00	9810.00	17.00	.20	9157.00	1120.00	21900.00	-35.00
468024	294.00	-1.80	3.00	.90	31750.00	3.90	12060.00	12.00	.20	13350.00	1422.00	25350.00	-43.00
468025	190.00	4.10	3.00	1.30	68210.00	2.50	10050.00	20.00	.20	18870.00	2178.00	18530.00	-47.00
468026	227.00	-2.10	3.00	1.10	35850.00	4.70	14260.00	19.00	-.10	12810.00	718.00	24450.00	-46.00
468027	200.00	-2.20	3.00	1.10	52250.00	3.00	-9025.00	22.00	.30	10510.00	3276.00	17590.00	-46.00
468028	130.00	-2.90	4.00	.80	54770.00	2.10	-14270.00	17.00	.20	13120.00	5651.00	16390.00	-72.00
468029	429.00	2.10	2.00	1.00	31510.00	4.40	12590.00	19.00	.20	11530.00	778.00	26380.00	-33.00
468030	243.00	-2.70	3.00	1.70	63810.00	4.90	-8248.00	19.00	.20	10770.00	2798.00	17460.00	-63.00
468031	75.00	-3.20	3.00	1.10	39580.00	-2.00	7673.00	-9.00	.30	11800.00	179.00	11710.00	-72.00
468032	178.00	-2.30	3.00	.90	37850.00	3.30	10640.00	14.00	-.10	14540.00	1508.00	23550.00	-52.00
468033	187.00	2.10	3.00	1.10	38890.00	3.70	17780.00	17.00	.20	11230.00	1338.00	23560.00	-34.00
468034	114.00	4.30	4.00	1.30	54370.00	4.00	16700.00	24.00	.20	15850.00	1417.00	16590.00	-55.00
468035	137.00	3.20	4.00	1.10	47540.00	3.60	16660.00	19.00	.30	13390.00	839.00	17790.00	-37.00
468036	170.00	-2.00	3.00	.80	35670.00	2.70	13610.00	12.00	.20	9340.00	2212.00	23430.00	-49.00
468038	111.00	-3.00	4.00	1.40	64030.00	2.10	11800.00	19.00	.20	12010.00	1921.00	15980.00	-67.00
468039	177.00	-2.40	2.00	1.40	71590.00	3.10	8905.00	12.00	.20	21550.00	1526.00	19290.00	-50.00
468040	294.00	-2.70	4.00	1.00	57540.00	2.60	-8689.00	-6.00	-.10	13560.00	2681.00	18220.00	-64.00
468041	187.00	-1.80	3.00	1.30	46340.00	3.80	11130.00	17.00	.20	12710.00	1494.00	20810.00	-41.00
468042	277.00	-2.70	4.00	1.20	56810.00	5.20	12280.00	22.00	.20	15780.00	1074.00	19240.00	-55.00
468043	104.00	-2.80	3.00	1.40	66700.00	2.40	-8437.00	19.00	.30	8402.00	2238.00	13860.00	-60.00
468044	216.00	-3.00	4.00	1.20	66680.00	-1.70	-6372.00	11.00	.20	30030.00	1647.00	13440.00	-69.00
468045	269.00	-3.40	3.00	1.10	74800.00	-1.60	6843.00	-8.00	.30	37500.00	1643.00	14140.00	-71.00
468046	460.00	-3.10	3.00	.90	76000.00	-1.70	-5277.00	13.00	-.10	43160.00	1479.00	13660.00	-62.00
468048	109.00	-2.30	5.00	.90	37040.00	3.00	13150.00	18.00	.20	14170.00	852.00	21000.00	-52.00
468049	300.00	-2.00	4.00	1.10	56750.00	3.00	14060.00	23.00	.30	22750.00	1093.00	13100.00	-41.00
468050	121.00	5.90	5.00	1.70	43910.00	4.80	13560.00	30.00	.30	14100.00	1826.00	14040.00	-58.00
468052	142.00	-2.00	4.00	1.30	42120.00	1.80	12610.00	14.00	.30	21610.00	974.00	12220.00	-47.00
468053	218.00	-2.00	5.00	1.70	68890.00	4.30	-5234.00	21.00	.40	23680.00	1387.00	18790.00	-43.00
468054	-29.00	-3.90	-3.00	-1.00	8209.00	-3.50	-4434.00	-16.00	-.30	-2853.00	112.00	5024.00	-116.00
468055	103.00	2.30	3.00	1.40	49340.00	3.00	-8088.00	21.00	.30	11080.00	2213.00	14110.00	-49.00
468056	283.00	-3.00	6.00	1.10	51750.00	3.90	-6225.00	30.00	.30	30050.00	1293.00	15460.00	-64.00
468058	137.00	-2.40	4.00	1.20	52820.00	4.40	11870.00	16.00	.30	17610.00	1129.00	19070.00	-51.00
468059	208.00	2.90	2.00	.80	26310.00	3.50	-5124.00	11.00	.20	6649.00	487.00	20460.00	-47.00
468061	184.00	-2.40	5.00	1.50	75530.00	3.50	-6222.00	19.00	.30	23700.00	1552.00	17810.00	-54.00
468062	44.00	-1.80	6.00	2.00	50190.00	15.50	-4008.00	62.00	.50	9436.00	938.00	19240.00	-39.00
468063	80.00	-2.10	3.00	1.00	69200.00	1.90	-5499.00	19.00	.30	16170.00	1259.00	26400.00	-42.00
468064	47.00	-2.40	4.00	1.10	57230.00	2.40	-6269.00	26.00	.30	15040.00	1413.00	31610.00	-55.00
468068	161.00	2.60	3.00	1.10	52730.00	3.00	10730.00	22.00	.20	15940.00	1372.00	21130.00	-39.00
468069	113.00	-2.70	4.00	1.00	56400.00	1.90	-7462.00	-7.00	-.10	17280.00	2070.00	15340.00	-65.00
468072	36.00	-1.70	4.00	1.30	32050.00	7.00	6361.00	28.00	.20	11540.00	750.00	20340.00	-39.00
468073	199.00	2.20	4.00	1.40	51450.00	3.50	10490.00	27.00	.20	16050.00	1529.00	16020.00	-44.00
468074	19.00	-2.10	4.00	1.60	48370.00	7.10	6233.00	35.00	.30	14680.00	1010.00	24270.00	-42.00
468075	25.00	-1.70	4.00	1.40	45260.00	3.70	9809.00	26.00	.20	11670.00	926.00	23080.00	-34.00
468077	25.00	-1.60	5.00	1.40	57500.00	17.80	-5369.00	38.00	.30	11480.00	1164.00	25250.00	-37.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 1

SAMPLE NO.	SB PPH	SC PPH	SM PPH	SR PPH	TA PPH	TB PPH	TH PPH	TI PPH	V PPH	YB PPH	ZN PPH	TH/0 RATIO
468017	-2.00	17.10	3.30	-282.00	-1.00	-1.00	4.00	4114.00	152.00	2.90	-59.00	1.99200
468018	-2.00	16.30	3.20	-491.00	-2.00	-1.00	3.40	3029.00	166.00	-1.80	-66.00	1.53100
468019	-2.00	15.80	2.30	-400.00	-1.00	-1.00	3.50	4573.00	139.00	-1.70	-51.00	1.06400
468020	-2.00	15.50	7.40	377.00	-2.00	-1.00	3.10	4384.00	182.00	2.60	242.00	1.25000
468021	3.00	17.70	5.90	-343.00	-1.00	1.00	3.80	4249.00	157.00	3.30	107.00	1.64500
468022	-2.00	14.20	3.10	-381.00	-1.00	-1.00	4.40	3873.00	126.00	1.20	-57.00	1.55500
468023	-2.00	13.30	2.80	-382.00	-1.00	-1.00	3.90	3274.00	89.00	2.90	-41.00	1.94200
468024	-2.00	12.10	1.80	-363.00	-1.00	-1.00	3.20	3127.00	124.00	2.10	153.00	1.59200
468025	-2.00	27.40	4.50	-497.00	-1.00	-1.00	3.20	2298.00	183.00	2.30	49.00	1.62300
468026	-2.00	13.50	2.40	-322.00	-2.00	-1.00	3.90	3811.00	131.00	-1.90	-53.00	2.06200
468027	-2.00	20.20	3.00	-706.00	-2.00	-1.00	3.20	3550.00	141.00	-1.70	-50.00	1.75700
468028	-3.00	18.40	2.60	-882.00	-3.00	-1.00	2.80	3298.00	194.00	-2.50	-96.00	1.52900
468029	-1.00	12.50	2.50	-331.00	-1.00	-1.00	3.30	3623.00	113.00	2.40	-41.00	2.07500
468030	-3.00	15.30	2.70	-605.00	-2.00	-1.00	4.40	3783.00	197.00	-2.40	154.00	1.88700
468031	-3.00	14.00	2.60	-395.00	-2.00	-2.00	3.70	3379.00	125.00	-2.50	88.00	1.69800
468032	-2.00	15.60	1.80	-401.00	-2.00	-1.00	2.60	3802.00	149.00	-1.90	-64.00	1.31900
468033	-2.00	15.00	3.30	-391.00	-1.00	-1.00	4.30	2688.00	123.00	-1.20	-23.00	1.66700
468034	-3.00	20.20	4.10	-396.00	-2.00	-1.00	4.60	4565.00	192.00	-2.00	232.00	1.63100
468035	-2.00	18.40	3.50	-332.00	-1.00	-1.00	3.70	4530.00	171.00	2.10	-44.00	1.45700
468036	-2.00	10.40	1.70	-490.00	-1.00	-1.00	3.70	3221.00	127.00	-1.70	169.00	1.92700
468038	-3.00	20.90	4.40	710.00	-2.00	-1.00	3.00	4500.00	196.00	-2.60	151.00	2.02800
468039	-2.00	27.60	3.60	-479.00	-2.00	-1.00	1.90	3571.00	228.00	-1.80	-54.00	1.77600
468040	-3.00	16.50	2.30	-563.00	-2.00	-1.00	2.80	2991.00	191.00	-2.30	-76.00	1.72700
468041	-2.00	16.10	4.40	-437.00	-1.00	-1.00	3.40	3968.00	140.00	2.60	137.00	1.80700
468042	-3.00	19.80	3.60	-379.00	-1.00	-1.00	4.40	4822.00	185.00	-2.30	144.00	.97800
468043	-3.00	20.10	3.60	-665.00	-2.00	-1.00	2.30	3456.00	198.00	2.60	-70.00	1.62100
468044	-3.00	30.80	3.10	781.00	-2.00	2.00	2.10	4311.00	274.00	-2.60	-88.00	2.04100
468045	-3.00	41.00	2.80	-562.00	-2.00	-1.00	-1.80	3246.00	269.00	-2.60	-83.00	0.00000
468046	-3.00	38.70	3.00	1034.00	-2.00	-1.00	-1.80	3949.00	254.00	3.30	-74.00	0.00000
468048	-2.00	14.20	2.30	-327.00	-1.00	-1.00	2.70	4095.00	169.00	-2.00	-74.00	.81800
468049	-2.00	29.00	3.90	-340.00	-2.00	-1.00	2.40	5449.00	276.00	2.50	105.00	.79500
468050	-3.00	17.30	5.10	-497.00	-2.00	2.00	3.30	4087.00	172.00	-2.40	124.00	.96500
468052	3.00	18.30	2.10	-285.00	-2.00	-1.00	1.40	4743.00	264.00	3.20	-57.00	.43600
468053	-2.00	30.30	5.40	-381.00	-2.00	1.00	3.30	6784.00	225.00	3.50	-57.00	1.35900
468054	-4.00	2.30	1.00	-418.00	-4.00	-2.00	-3.10	-9999.00	-21.00	-4.50	-110.00	0.00000
468055	-2.00	18.00	4.20	-625.00	-1.00	-1.00	4.20	3423.00	129.00	3.10	-123.00	1.56300
468056	-3.00	23.40	4.20	-396.00	-2.00	-1.00	5.20	7032.00	194.00	2.80	182.00	.29300
468058	-3.00	21.20	3.40	-348.00	-2.00	-1.00	3.20	6081.00	190.00	-1.80	-59.00	1.25500
468059	-2.00	10.70	1.70	-399.00	-1.00	-1.00	2.90	2798.00	84.00	-1.70	-54.00	1.78900
468061	-3.00	30.80	4.50	-455.00	-2.00	1.00	3.20	6170.00	212.00	3.10	112.00	1.22500
468062	-2.00	17.00	8.40	-281.00	-1.00	-1.00	14.60	4214.00	123.00	5.30	-42.00	2.79300
468063	-2.00	27.10	3.00	-412.00	-1.00	2.00	3.70	3649.00	197.00	3.40	-38.00	2.38700
468064	-3.00	21.80	2.70	-395.00	-2.00	-1.00	4.20	3573.00	183.00	2.40	-67.00	2.14100
468065	-2.00	20.90	9.30	-360.00	-1.00	-1.00	3.60	5237.00	165.00	2.20	-48.00	1.94600
468069	-2.00	17.10	2.10	-592.00	-2.00	-1.00	2.90	4046.00	161.00	-2.40	-100.00	1.65800
468072	-2.00	13.50	3.80	590.00	-1.00	-1.00	6.10	3299.00	97.00	2.40	-46.00	2.29400
468073	-2.00	19.40	5.20	-387.00	-1.00	-1.00	5.00	3802.00	165.00	-1.50	-98.00	1.87300
468074	-2.00	22.50	6.40	510.00	-2.00	-1.00	4.40	4671.00	118.00	3.20	-49.00	2.73200
468075	-2.00	20.70	4.80	415.00	-1.00	1.00	3.00	4296.00	106.00	2.10	-40.00	2.18600
468077	-2.00	20.20	6.80	531.00	-1.00	1.00	4.50	4059.00	132.00	3.00	-39.00	2.35800

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 2

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
468078	58.5319	134.7142	7.	22.0	3.	2.22	-5.00	-5.00	-5.00	21.00	-20.00	-15.00	-5.00	-10.00	-15.00
468082	58.6194	134.9308	7.	45.0	5.	1.78	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468083	58.6431	134.9494	7.	39.0	6.	2.94	-5.00	-5.00	-5.00	20.00	-20.00	68.00	5.00	-10.00	-15.00
468085	58.6469	134.9031	7.	18.0	5.	2.50	-5.00	-5.00	-5.00	48.00	-20.00	19.00	-5.00	-10.00	-15.00
468086	58.6814	134.9161	7.	86.0	5.	2.48	-5.00	-5.00	-5.00	62.00	-20.00	29.00	-5.00	-10.00	-15.00
468087	58.6947	134.9300	7.	47.0	2.	2.44	-5.00	-5.00	-5.00	49.00	-20.00	20.00	-5.00	-10.00	-15.00
468088	58.7139	134.9406	7.	303.0	-9999.	4.19	-5.00	-5.00	-5.00	29.00	-20.00	21.00	5.00	-10.00	-15.00
468089	58.7150	134.9400	7.	60.0	-9999.	4.79	-5.00	-5.00	-5.00	46.00	-20.00	36.00	-5.00	-10.00	-15.00
468090	58.7481	134.9297	7.	31.0	11.	3.24	-5.00	-5.00	-5.00	51.00	-20.00	21.00	8.00	-10.00	-15.00
468091	58.4603	134.8894	7.	65.0	5.	2.91	-5.00	-5.00	-5.00	29.00	-20.00	16.00	9.00	14.00	-15.00
468094	58.3728	134.9636	7.	59.0	8.	1.86	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468095	58.3503	134.9533	7.	49.0	3.	2.13	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468097	58.3328	134.8972	7.	67.0	-9999.	2.55	-5.00	-5.00	-5.00	50.00	-20.00	24.00	-5.00	-10.00	-15.00
468098	58.3208	134.8842	6.	114.0	-9999.	3.10	-5.00	-5.00	-5.00	42.00	-20.00	43.00	-5.00	-10.00	-15.00
468099	58.3192	134.8728	6.	71.0	5.	2.50	-5.00	-5.00	-5.00	40.00	-20.00	19.00	-5.00	-10.00	-15.00
468100	58.2600	134.8761	-9999.	-9999.0	4.	2.59	-5.00	-5.00	-5.00	56.00	-20.00	52.00	-5.00	-10.00	-15.00
468101	58.2606	134.9058	7.	77.0	-9999.	2.16	-5.00	-5.00	-5.00	26.00	-20.00	17.00	-5.00	-10.00	-15.00
468102	58.2375	134.8681	6.	72.0	1.	2.62	-5.00	-5.00	-5.00	67.00	-20.00	69.00	5.00	-10.00	-15.00
468103	58.2356	134.8692	7.	34.0	1.	2.73	-5.00	-5.00	-5.00	30.00	-20.00	15.00	6.00	-10.00	-15.00
468104	58.2469	134.8761	7.	123.0	5.	2.87	-5.00	-5.00	-5.00	34.00	-20.00	30.00	-5.00	-10.00	-15.00
468105	58.2003	134.8972	7.	49.0	4.	2.72	-5.00	-5.00	-5.00	38.00	-20.00	18.00	12.00	-10.00	-15.00
468106	58.1775	134.8536	7.	49.0	2.	2.94	-5.00	-5.00	6.00	106.00	-20.00	79.00	10.00	-10.00	-15.00
468107	58.1558	134.8328	7.	58.0	2.	3.61	-5.00	-5.00	7.00	76.00	-20.00	222.00	-5.00	-10.00	-15.00
468108	58.1103	134.7747	7.	33.0	5.	3.49	-5.00	-5.00	7.00	50.00	-20.00	89.00	-5.00	-10.00	-15.00
468109	58.0992	134.7564	7.	89.0	4.	3.04	-5.00	-5.00	-5.00	62.00	-20.00	85.00	13.00	-10.00	-15.00
468111	58.0711	134.7653	7.	81.0	3.	1.76	-5.00	-5.00	-5.00	43.00	-20.00	29.00	-5.00	-10.00	-15.00
468112	58.0433	134.7811	7.	101.0	-9999.	1.89	-5.00	-5.00	-5.00	57.00	-20.00	17.00	-5.00	-10.00	-15.00
468113	58.0097	134.7467	7.	76.0	2.	1.87	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468114	58.0694	134.6883	7.	87.0	3.	3.42	-5.00	-5.00	-5.00	71.00	-20.00	59.00	15.00	-10.00	-15.00
468115	58.1219	134.7697	6.	22.0	5.	2.49	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468116	58.1378	134.7736	7.	239.0	-9999.	3.54	-5.00	-5.00	-5.00	33.00	-20.00	66.00	-5.00	-10.00	-15.00
468117	58.1700	134.7689	8.	44.0	-9999.	7.04	-5.00	-5.00	-5.00	75.00	-20.00	48.00	12.00	-10.00	-15.00
468118	58.1764	134.7556	7.	35.0	-9999.	4.80	-5.00	-5.00	-5.00	65.00	-20.00	61.00	6.00	-10.00	-15.00
468119	58.1886	134.7492	7.	39.0	1.	2.68	-5.00	-5.00	-5.00	46.00	-20.00	29.00	-5.00	-10.00	-15.00
468120	58.1925	134.7389	7.	39.0	-9999.	2.95	-5.00	-5.00	-5.00	57.00	-20.00	46.00	-5.00	-10.00	-15.00
468121	58.1583	134.7000	-9999.	-9999.0	1.	3.57	-5.00	-5.00	-5.00	35.30	-20.00	58.00	-5.00	-10.00	-15.00
468122	58.1969	134.7119	7.	35.0	3.	1.86	-5.00	-5.00	-5.00	36.00	-20.00	38.00	-5.00	-10.00	-15.00
468123	58.3064	134.8028	7.	70.0	8.	2.29	-5.00	-5.00	-5.00	41.00	-20.00	34.00	-5.00	-10.00	-15.00
468126	58.2308	134.7233	7.	66.0	2.	2.90	-5.00	-5.00	-5.00	45.00	-20.00	54.00	-5.00	-10.00	-15.00
468127	58.2442	134.7397	7.	61.0	1.	1.96	-5.00	-5.00	-5.00	59.00	-20.00	28.00	-5.00	-10.00	-15.00
468128	58.2631	134.7525	7.	54.0	1.	1.97	-5.00	-5.00	-5.00	30.00	-20.00	49.00	-5.00	-10.00	-15.00
468129	58.3189	134.6434	7.	51.0	3.	1.86	-5.00	-5.00	-5.00	92.00	-20.00	33.00	-5.00	-10.00	-15.00
468130	58.3211	134.6150	7.	36.0	1.	2.36	-5.00	-5.00	-5.00	46.00	-20.00	33.00	-5.00	-10.00	-15.00
468131	58.3306	134.5894	7.	24.0	1.	3.43	-5.00	-5.00	-5.00	19.00	-20.00	19.00	10.00	-10.00	-15.00
468132	58.3167	134.5494	8.	21.0	5.	3.85	-5.00	-5.00	-5.00	46.00	-20.00	63.00	-5.00	-10.00	-15.00
468139	58.3494	134.3711	6.	23.0	10.	3.81	-5.00	-5.00	-5.00	58.00	-20.00	56.00	-5.00	-10.00	-15.00
468140	58.3414	134.3697	6.	27.0	3.	1.11	-5.00	-5.00	-5.00	66.00	-20.00	47.00	-5.00	-10.00	-15.00
468141	58.3431	134.3725	6.	21.0	5.	3.28	-5.00	-5.00	-5.00	62.00	-20.00	21.00	7.00	-10.00	-15.00
468142	58.3331	134.4494	6.	29.0	5.	1.92	-5.00	-5.00	-5.00	26.00	-20.00	23.00	-5.00	-10.00	-15.00
468143	58.3822	135.2486	7.	56.0	3.	3.74	-5.00	-5.00	-5.00	71.00	-20.00	43.00	10.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 2

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MO PPM	BE PPM	LT PPM	AL PPM	AU PPM	SA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468078	27.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	73790.00	-0.11	909.00	38710.00	55.00	250.00	8.70
468082	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	57840.00	2.17	518.00	37130.00	55.00	-184.00	21.60
468083	16.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	56490.00	-0.07	712.00	25400.00	64.00	-154.00	26.40
468085	19.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	69970.00	-0.11	815.00	33770.00	28.00	319.00	14.90
468086	44.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	64100.00	-0.08	808.00	34580.00	60.00	-196.00	24.00
468087	16.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	58300.00	-0.08	855.00	32560.00	48.00	-140.00	18.10
468088	12.00	-5.00	180.00	-9999.00	-9999.00	-9999.00	58770.00	-0.08	1919.00	33310.00	59.00	527.00	12.00
468089	21.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	65460.00	-0.06	2110.00	47650.00	74.00	706.00	13.10
468090	34.00	-5.00	166.00	-9999.00	-9999.00	-9999.00	72410.00	-0.09	1277.00	33980.00	65.00	-148.00	15.40
468091	20.00	-5.00	76.00	-9999.00	-9999.00	-9999.00	47730.00	-0.10	588.00	9463.00	29.00	936.00	10.90
468094	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	58940.00	-0.09	-324.00	23220.00	32.00	-244.00	35.50
468095	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	55030.00	-0.08	-332.00	17750.00	38.00	-256.00	39.70
468097	6.00	-5.00	171.00	-9999.00	-9999.00	-9999.00	64690.00	-0.07	804.00	27490.00	42.00	1170.00	13.40
468098	22.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	62750.00	-0.09	645.00	28570.00	48.00	319.00	23.10
468099	16.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	63000.00	-0.07	865.00	33150.00	30.00	-149.00	18.00
468100	31.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	52850.00	-0.10	570.00	21910.00	33.00	-257.00	43.60
468101	9.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	71460.00	-0.06	792.00	26490.00	44.00	223.00	13.80
468102	20.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	64720.00	-0.08	1150.00	17980.00	39.00	-154.00	22.20
468103	13.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	66900.00	-0.07	1111.00	19980.00	47.00	-134.00	15.40
468104	17.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	64740.00	-0.09	710.00	38190.00	68.00	-132.00	19.60
468105	20.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	55420.00	-0.07	-419.00	18810.00	48.00	-361.00	45.40
468106	-5.00	-5.00	93.00	-9999.00	-9999.00	-9999.00	42590.00	-0.13	-644.00	-6492.00	71.00	-476.00	50.00
468107	47.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	57960.00	-0.10	2712.00	21470.00	47.00	-168.00	57.30
468108	47.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	59090.00	-0.11	1612.00	15030.00	42.00	-241.00	45.20
468109	26.00	-5.00	99.00	-9999.00	-9999.00	-9999.00	59490.00	-0.06	1450.00	15310.00	43.00	-139.00	21.60
468111	16.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	62970.00	-0.07	797.00	23660.00	32.00	417.00	17.10
468112	21.00	-5.00	85.00	-9999.00	-9999.00	-9999.00	58480.00	-0.09	617.00	19400.00	36.00	763.00	18.70
468113	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	74070.00	-0.07	854.00	15740.00	41.00	-159.00	23.60
468114	39.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	59620.00	-0.09	1556.00	12080.00	48.00	-116.00	19.20
468115	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	66580.00	-0.08	678.00	15020.00	47.00	-133.00	22.30
468116	47.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	67540.00	-0.09	2944.00	19220.00	47.00	-254.00	52.80
468117	101.00	7.00	113.00	-9999.00	-9999.00	-9999.00	50240.00	1.07	2628.00	9183.00	40.00	273.00	28.90
468118	31.00	5.00	115.00	-9999.00	-9999.00	-9999.00	68670.00	-0.07	4217.00	11160.00	56.00	-119.00	22.50
468119	20.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	59410.00	-0.08	1272.00	26640.00	50.00	-126.00	16.70
468120	26.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	67690.00	-0.07	2623.00	19950.00	39.00	-147.00	18.00
468121	27.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	58860.00	-0.08	1119.00	20480.00	39.00	-174.00	21.90
468122	21.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	60210.00	-0.07	757.00	22240.00	39.00	275.00	32.20
468123	15.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	65340.00	-0.07	816.00	28970.00	65.00	-193.00	16.90
468126	16.00	-5.00	196.00	-9999.00	-9999.00	-9999.00	69740.00	-0.06	683.00	23320.00	65.00	-165.00	18.30
468127	32.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	58770.00	-0.08	528.00	24020.00	36.00	-208.00	26.60
468129	20.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	60700.00	-0.05	706.00	22440.00	32.00	-146.00	21.70
468129	62.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	62830.00	-0.09	667.00	15670.00	48.00	-131.00	22.10
468130	30.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	74110.00	-0.07	299.00	12040.00	44.00	-156.00	13.80
468131	5.00	-5.00	206.00	-9999.00	-9999.00	-9999.00	72090.00	-0.06	1420.00	33840.00	103.00	-148.00	7.10
468132	15.00	-5.00	62.00	-9999.00	-9999.00	-9999.00	52220.00	-0.08	195.00	69200.00	26.00	-137.00	37.20
468139	35.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	65000.00	-0.07	2336.00	43120.00	76.00	-148.00	20.40
468140	17.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	58770.00	-0.10	-179.00	56640.00	21.00	-135.00	26.10
468141	46.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	71270.00	-0.06	1148.00	33350.00	51.00	-137.00	21.40
468142	9.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	57730.00	-0.08	878.00	29630.00	38.00	-132.00	18.20
468143	36.00	-5.00	89.00	-9999.00	-9999.00	-9999.00	77100.00	-0.08	747.00	7571.00	42.00	-165.00	17.70

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET 2

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	SR PPM
468078	-16.00	-2.80	4.00	1.50	64270.00	4.30	9443.00	22.00	.30	14310.00	808.00	19530.00	-64.00
468082	190.00	-2.40	3.00	1.30	47410.00	7.50	5982.00	24.00	.30	13930.00	2193.00	18350.00	-48.00
468083	653.00	-1.80	3.00	1.20	53420.00	6.90	10420.00	29.00	.30	13640.00	1789.00	19320.00	-37.00
468085	49.00	-2.70	4.00	1.20	51200.00	2.90	-5994.00	-8.00	-.10	17760.00	1023.00	17230.00	-66.00
468086	78.00	3.50	5.00	1.70	52490.00	9.90	-8154.00	30.00	.30	10650.00	2464.00	14770.00	-47.00
468087	69.00	-2.10	4.00	1.10	40340.00	6.20	13190.00	23.00	.30	11970.00	1338.00	15560.00	-49.00
468088	87.00	-2.00	4.00	1.40	34920.00	5.90	10030.00	35.00	.30	12900.00	981.00	14710.00	-49.00
468089	103.00	-1.60	6.00	1.80	44600.00	6.60	11760.00	42.00	.40	15560.00	1125.00	15060.00	-36.00
468090	86.00	-2.20	3.00	1.40	49440.00	6.40	12100.00	35.00	.30	15650.00	1123.00	18490.00	-50.00
468091	140.00	-2.50	3.00	1.00	54480.00	2.50	11910.00	17.00	-.10	9058.00	1332.00	11900.00	-59.00
468094	128.00	-2.50	2.00	.90	79470.00	4.30	-9565.00	17.00	.30	9996.00	3683.00	17470.00	-59.00
468095	124.00	-2.10	3.00	1.10	71410.00	4.30	-9935.00	23.00	.30	10630.00	3985.00	17580.00	-47.00
468097	174.00	-2.00	4.00	1.30	43800.00	5.90	9279.00	22.00	.20	13210.00	1067.00	23130.00	-47.00
468098	164.00	-2.50	4.00	1.10	53990.00	4.80	9782.00	18.00	-.10	16630.00	1481.00	18710.00	-55.00
468099	124.00	-2.00	4.00	1.10	55440.00	4.80	9194.00	23.00	.30	14840.00	1376.00	22250.00	-41.00
468100	113.00	-2.60	3.00	1.30	59480.00	2.70	-10510.00	19.00	.20	16220.00	4172.00	14260.00	-59.00
468101	130.00	-1.70	4.00	1.30	45940.00	4.50	12690.00	22.00	.30	12390.00	1066.00	23210.00	-38.00
468102	97.00	-2.20	4.00	1.20	52460.00	3.30	11860.00	18.00	.30	14180.00	1283.00	21350.00	-48.00
468103	87.00	-1.90	5.00	1.30	51040.00	4.10	14130.00	27.00	.30	13600.00	1123.00	21040.00	-38.00
468104	136.00	-7.50	7.00	1.80	52380.00	5.20	9466.00	35.00	.30	17620.00	1025.00	18990.00	-54.00
468105	99.00	-2.10	-3.00	1.20	58490.00	4.20	-14390.00	22.00	.30	11130.00	5908.00	15100.00	-49.00
468106	67.00	-3.40	-4.00	1.80	60770.00	3.80	-20000.00	23.00	.40	-8596.00	8846.00	8173.00	-79.00
468107	355.00	-2.60	5.00	1.80	77180.00	3.40	-7325.00	27.00	.30	31430.00	2428.00	12350.00	-58.00
468108	159.00	-2.90	3.00	1.80	68480.00	3.00	-10740.00	15.00	.20	16330.00	4132.00	12060.00	-68.00
468109	273.00	5.90	9.00	1.70	51590.00	2.90	13480.00	26.00	.30	17490.00	1327.00	13580.00	-38.00
468111	152.00	-1.90	3.00	1.30	46590.00	3.30	13750.00	15.00	.20	14280.00	1237.00	20420.00	-39.00
468112	145.00	-2.30	5.00	1.20	41840.00	2.10	9244.00	21.00	.30	14350.00	797.00	17950.00	-53.00
468113	190.00	-2.00	4.00	1.40	58580.00	3.30	17640.00	22.00	.30	21100.00	1120.00	21140.00	-44.00
468114	171.00	6.90	5.00	1.50	48020.00	3.80	11900.00	27.00	.40	14320.00	1042.00	11120.00	-48.00
468115	178.00	4.80	3.00	1.40	48030.00	3.50	14890.00	20.00	.30	14520.00	1126.00	17820.00	-83.00
468116	181.00	-2.50	4.00	2.00	68860.00	3.90	-10580.00	31.00	.30	19970.00	3969.00	15270.00	-54.00
468117	95.00	6.80	5.00	1.50	69140.00	3.60	8366.00	26.00	.30	9928.00	2523.00	8109.00	-59.00
468118	118.00	6.10	5.00	1.50	63030.00	4.40	15970.00	31.00	.40	13990.00	1388.00	11830.00	-43.00
468119	139.00	-2.00	4.00	1.30	44100.00	4.70	6004.00	26.00	.30	12120.00	1094.00	17540.00	-41.00
468120	137.00	3.40	5.00	1.40	51370.00	4.00	14760.00	21.00	.20	17240.00	1328.00	15620.00	-54.00
468121	145.00	-2.10	3.00	.80	35800.00	3.10	12370.00	22.00	.20	8730.00	2323.00	14950.00	-48.00
468122	406.00	-2.00	3.00	1.20	57490.00	4.80	14070.00	19.00	.20	12190.00	2027.00	18140.00	-41.00
468123	94.00	-1.90	5.00	2.10	49620.00	5.00	-4969.00	33.00	.30	14470.00	1011.00	27720.00	-42.00
468125	731.00	-1.70	5.00	1.20	50560.00	6.10	16520.00	26.00	.30	13340.00	1486.00	21930.00	-35.00
468127	145.00	-2.10	3.00	1.00	38970.00	4.00	-8065.00	20.00	.20	10020.00	2799.00	19190.00	-50.00
468128	353.00	2.10	3.00	1.10	39000.00	3.80	13370.00	17.00	.20	11030.00	1375.00	22900.00	-58.00
468129	110.00	-2.40	4.00	1.40	46850.00	3.90	8843.00	24.00	.30	11060.00	875.00	15920.00	-49.00
468130	92.00	-1.90	3.00	1.10	43340.00	4.10	9973.00	24.00	.30	13940.00	1001.00	18990.00	-41.00
468131	24.00	-1.50	5.00	1.50	28120.00	6.80	16330.00	60.00	.30	8672.00	1015.00	27320.00	-34.00
468132	488.00	-2.30	2.00	1.20	71690.00	-1.20	-4564.00	11.00	.20	33990.00	1387.00	11400.00	-45.00
468139	151.00	2.90	6.00	1.90	51790.00	4.30	8161.00	42.00	.40	19840.00	1454.00	15650.00	-36.00
468140	281.00	-2.50	3.00	.90	51180.00	2.30	7964.00	-5.00	-.10	28430.00	1348.00	14290.00	-52.00
468141	76.00	-1.70	5.00	1.80	59030.00	4.20	9401.00	29.00	.40	14510.00	1444.00	19030.00	-38.00
468142	466.00	-2.10	3.00	1.30	43100.00	4.20	10310.00	22.00	.30	16390.00	1001.00	19670.00	-40.00
468143	76.00	5.00	5.00	1.30	50600.00	3.50	17080.00	25.00	.30	14300.00	921.00	20280.00	75.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 2

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	VB PPM	TN PPM	TH/U RATIO
468078	-3.00	16.50	3.50	-393.00	-2.00	1.00	3.40	3710.00	135.00	-2.30	-65.00	1.53100
468082	-3.00	21.20	4.00	-493.00	-1.00	-1.00	4.30	2974.00	144.00	2.80	-87.00	2.41500
468083	-2.00	18.30	3.50	-409.00	-1.00	-1.00	7.20	3176.00	192.00	2.90	-46.00	2.45100
468085	-3.00	16.60	2.60	-460.00	-2.00	-1.00	2.90	5222.00	197.00	-2.50	162.00	1.16000
468086	-2.00	19.70	5.70	-524.00	-1.00	1.00	6.40	4337.00	161.00	3.40	146.00	2.58400
468087	-2.00	17.10	3.10	-408.00	-2.00	-1.00	4.70	3910.00	192.00	2.40	226.00	1.92700
468088	-2.00	14.40	3.40	-352.00	-2.00	-1.00	6.90	4625.00	156.00	3.00	-41.00	1.66400
468089	-2.00	16.60	7.40	-312.00	-1.00	-1.00	8.40	5050.00	180.00	4.60	159.00	1.75400
468090	-2.00	16.10	5.60	-369.00	-1.00	-1.00	7.20	4267.00	146.00	-2.30	-56.00	2.22200
468091	-3.00	14.10	2.20	-462.00	-1.00	-1.00	2.90	3990.00	144.00	-2.20	-63.00	1.15500
468094	-3.00	17.90	3.40	-682.00	-2.00	-1.00	3.20	-9999.00	141.00	-2.00	-66.00	1.72100
468095	-2.00	19.60	3.70	-692.00	-1.00	-1.00	4.50	3550.00	143.00	-1.70	109.00	2.11400
468097	-2.00	19.30	4.20	-381.00	-1.00	-1.00	4.40	4194.00	157.00	1.90	-50.00	1.72400
468098	-3.00	20.00	2.90	-429.00	-2.00	-1.00	3.00	4709.00	194.00	-2.10	-66.00	.96800
468099	-2.00	23.00	3.40	-369.00	-1.00	-1.00	4.20	4439.00	191.00	2.70	-49.00	1.68100
468100	-3.00	20.00	2.70	-795.00	-2.00	-1.00	3.10	4293.00	185.00	1.90	179.00	1.19800
468101	-2.00	17.80	4.00	-339.00	-1.00	-1.00	4.10	4121.00	141.00	2.20	154.00	1.89800
468102	-2.00	19.40	3.50	-383.00	-2.00	-1.00	4.10	3899.00	156.00	3.10	130.00	1.56500
468103	-2.00	21.90	4.90	-329.00	-1.00	1.00	6.70	4647.00	154.00	4.00	-49.00	2.45700
468104	-3.00	30.10	5.00	-347.00	-2.00	-2.00	5.10	8331.00	214.00	-2.00	-71.00	1.77600
468105	-2.00	21.00	4.60	-878.00	-1.00	-1.00	6.30	-9999.00	176.00	3.00	161.00	2.31500
468106	-4.00	18.10	7.10	-9999.00	-3.00	-2.00	-2.10	-9999.00	67.00	-3.40	199.00	0.00000
468107	-3.00	27.10	5.20	-533.00	-1.00	-1.00	4.80	6724.00	228.00	4.50	-70.00	1.33000
468108	-3.00	18.50	3.10	-809.00	-2.00	-1.00	4.60	6521.00	190.00	-2.20	250.00	1.31800
468109	5.00	20.40	5.30	-331.00	-1.00	1.00	3.30	4477.00	210.00	3.30	238.00	1.08600
468111	-2.00	19.80	3.80	-352.00	-1.00	-1.00	3.40	4286.00	139.00	2.50	-46.00	1.93100
468112	-3.00	19.60	2.90	-341.00	-2.00	-1.00	2.60	5808.00	171.00	-2.20	-68.00	1.40400
468113	-2.00	25.30	4.50	-337.00	-1.00	-1.00	3.10	5527.00	208.00	3.80	140.00	1.65800
468114	10.00	18.60	4.60	-335.00	-2.00	-1.00	3.00	3152.00	226.00	3.70	299.00	.97700
468115	-2.00	17.30	3.30	-366.00	-1.00	-1.00	4.30	3885.00	170.00	2.40	299.00	1.72700
468116	-3.00	24.50	5.00	-675.00	-1.00	-1.00	4.60	5512.00	184.00	4.20	183.00	1.29900
468117	7.00	13.10	3.30	-533.00	-1.00	-1.00	4.50	3469.00	360.00	2.00	368.00	.63900
468118	7.00	20.80	6.00	-367.00	2.00	-1.00	6.40	3789.00	302.00	4.20	267.00	1.33300
468119	-2.00	20.80	3.60	-348.00	-1.00	-1.00	5.00	4487.00	147.00	2.40	-47.00	1.86600
468120	2.00	23.10	4.00	-350.00	-1.00	-1.00	4.50	4164.00	238.00	-1.70	-47.00	1.52400
468121	-2.00	13.70	2.30	-513.00	-2.00	-1.00	4.00	2036.00	170.00	1.70	153.00	1.12100
468122	-2.00	18.30	3.20	-483.00	-2.00	-1.00	3.60	4380.00	160.00	3.40	83.00	1.93400
468123	-2.00	16.40	5.30	-366.00	3.00	-1.00	4.20	9120.00	106.00	3.40	-44.00	1.83500
468126	-2.00	19.10	4.20	-352.00	-1.00	1.00	7.10	4690.00	164.00	3.00	-43.00	2.45100
468127	-2.00	13.90	2.40	-572.00	-2.00	-1.00	3.20	2923.00	142.00	-1.70	178.00	1.63400
468128	-2.00	14.50	3.40	-361.00	-1.00	-1.00	3.80	3113.00	114.00	-1.00	109.00	1.93100
468129	-3.00	18.80	3.30	-368.00	-2.00	-1.00	3.40	4938.00	139.00	-1.80	66.00	1.82800
468130	-2.00	15.00	4.00	-339.00	-2.00	-1.00	3.90	4256.00	159.00	-1.50	51.00	1.65300
468131	-2.00	9.30	5.10	645.00	-1.00	-1.00	15.70	2296.00	78.00	3.50	76.00	2.89000
468132	-2.00	50.90	3.20	-328.00	-2.00	-1.00	-1.00	4065.00	244.00	-1.60	-52.00	0.00000
468139	-2.00	19.30	7.70	-344.00	3.00	2.00	5.80	7669.00	250.00	3.70	217.00	.99800
468140	-3.00	31.20	2.00	-364.00	-2.00	-1.00	1.70	3297.00	231.00	2.80	-71.00	1.59100
468141	-2.00	23.80	6.00	-354.00	-1.00	-1.00	7.70	6234.00	208.00	3.50	158.00	2.34700
468142	-2.00	22.50	3.40	-351.00	-1.00	-1.00	4.70	4568.00	166.00	3.20	-47.00	2.44500
468143	5.00	15.00	3.30	-352.00	-1.00	-1.00	5.40	3795.00	143.00	2.90	119.00	1.44300

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 3

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
468144	58.4019	135.2275	7.	43.0	2.	2.85	-5.00	-5.00	-5.00	53.00	-20.00	27.00	-5.00	-10.00	-15.00
468145	58.3606	135.2561	7.	52.0	7.	3.45	-5.00	-5.00	-5.00	58.00	-20.00	27.00	5.00	-10.00	-15.00
468146	58.3619	135.1058	7.	46.0	7.	2.96	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468148	58.3517	135.0575	7.	140.0	7.	2.28	-5.00	-5.00	-5.00	39.00	-20.00	20.00	5.00	-10.00	-15.00
468149	58.3369	135.0525	7.	105.0	5.	5.01	-5.00	-5.00	-5.00	107.00	-20.00	63.00	-5.00	-10.00	-15.00
468150	58.3206	135.0636	7.	110.0	-9999.	1.32	-5.00	-5.00	-5.00	21.00	-20.00	27.00	-5.00	-10.00	-15.00
468151	58.3189	135.0864	8.	89.0	6.	2.72	-5.00	-5.00	-5.00	42.00	-20.00	24.00	5.00	-10.00	-15.00
468152	58.3156	135.0880	8.	72.0	4.	2.58	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468153	58.3011	135.0975	8.	80.0	9.	2.88	-5.00	-5.00	-5.00	36.00	-20.00	18.00	6.00	-10.00	-15.00
468154	58.2925	135.1033	7.	91.0	3.	2.70	-5.00	-5.00	-5.00	42.00	-20.00	29.00	8.00	-10.00	-15.00
468158	58.3128	135.1867	7.	83.0	-9999.	2.81	-5.00	-5.00	-5.00	41.00	-20.00	27.00	-5.00	-10.00	-15.00
468159	58.2992	135.1753	7.	78.0	9.	2.60	-5.00	-5.00	-5.00	34.00	-20.00	50.00	-5.00	-10.00	-15.00
468162	58.3192	135.2011	7.	87.0	1.	3.14	-5.00	-5.00	-5.00	58.00	-20.00	34.00	7.00	-10.00	-15.00
468165	58.2650	135.3289	7.	53.0	10.	1.88	-5.00	-5.00	-5.00	51.00	-20.00	43.00	-5.00	-10.00	-15.00
468166	58.3353	135.2958	8.	53.0	1.	3.24	-5.00	-5.00	-5.00	38.00	-20.00	34.00	8.00	-10.00	-15.00
468167	58.3486	135.2772	8.	61.0	1.	3.16	-5.00	-5.00	-5.00	45.00	-20.00	33.00	8.00	-10.00	-15.00
468168	58.3461	135.2844	8.	83.0	3.	3.38	-5.00	-5.00	-5.00	51.00	-20.00	39.00	6.00	-10.00	-15.00
468169	58.3564	135.3061	8.	87.0	8.	3.54	-5.00	-5.00	-5.00	76.00	-20.00	43.00	7.00	-10.00	-15.00
468170	58.3792	135.3072	8.	31.0	8.	3.12	-5.00	-5.00	-5.00	81.00	-20.00	46.00	6.00	-10.00	-15.00
468171	58.3978	135.2861	8.	35.0	10.	2.69	-5.00	-5.00	-5.00	58.00	-20.00	20.00	-5.00	-10.00	-15.00
468172	58.4186	135.3125	9.	43.0	6.	2.97	-5.00	-5.00	-5.00	60.00	-20.00	17.00	8.00	-10.00	-15.00
468173	58.4353	135.3183	7.	46.0	3.	2.86	-5.00	-5.00	-5.00	74.00	-20.00	21.00	-5.00	-10.00	-15.00
468174	58.4236	135.3364	7.	64.0	6.	3.03	-5.00	-5.00	-5.00	93.00	-20.00	29.00	-5.00	-10.00	-15.00
468177	58.4817	135.3311	8.	98.0	6.	2.32	-5.00	-5.00	-5.00	43.00	-20.00	23.00	-5.00	-10.00	-15.00
468178	58.4689	135.3183	8.	60.0	5.	2.60	-5.00	-5.00	-5.00	48.00	-20.00	24.00	-5.00	-10.00	-15.00
468179	58.4678	135.3203	8.	75.0	6.	3.23	-5.00	-5.00	-5.00	56.00	-20.00	30.00	7.00	-10.00	-15.00
468180	58.4569	135.3489	8.	73.0	3.	3.42	-5.00	-5.00	-5.00	70.00	-20.00	53.00	6.00	-10.00	-15.00
468181	58.4917	135.3928	5.	20.0	6.	2.86	-5.00	-5.00	-5.00	63.00	-20.00	33.00	-5.00	-10.00	-15.00
468182	58.4925	135.3925	7.	73.0	6.	3.44	-5.00	-5.00	-5.00	65.00	-20.00	31.00	-5.00	-10.00	-15.00
468183	58.4908	135.4297	6.	68.0	5.	2.76	-5.00	-5.00	-5.00	93.00	-20.00	51.00	-5.00	-10.00	-15.00
468184	58.4986	135.4383	7.	53.0	3.	2.50	-5.00	-5.00	-5.00	69.00	-20.00	42.00	13.00	-10.00	-15.00
468185	58.4633	135.4567	7.	61.0	6.	2.64	-5.00	-5.00	-5.00	87.00	-20.00	37.00	8.00	-10.00	-15.00
468186	58.3811	135.4211	7.	28.0	3.	3.00	-5.00	-5.00	-5.00	46.00	-20.00	3.00	-5.00	-10.00	-15.00
468187	58.2944	135.1089	9.	57.0	-9999.	2.50	-5.00	-5.00	-5.00	28.00	-20.00	23.00	-5.00	-10.00	-15.00
468188	58.2256	135.1375	8.	38.0	-9999.	2.69	-5.00	-5.00	-5.00	28.00	-20.00	21.00	-5.00	-10.00	-15.00
468189	58.2194	135.1548	7.	112.0	-9999.	4.48	-5.00	-5.00	-5.00	38.00	-20.00	24.00	5.00	-10.00	-15.00
468190	58.2367	135.2175	7.	77.0	-9999.	2.77	-5.00	-5.00	-5.00	44.00	-20.00	41.00	7.00	-10.00	-15.00
468191	58.2378	135.2425	-9999.	-9999.0	-9999.	1.71	-5.00	-5.00	-5.00	57.00	-20.00	43.00	-5.00	-10.00	-15.00
468192	58.2342	135.2706	-9999.	-9999.0	-9999.	1.87	-5.00	-5.00	-5.00	43.00	-20.00	37.00	-5.00	-10.00	-15.00
468193	58.2733	135.3378	-9999.	-9999.0	-9999.	1.50	-5.00	-5.00	-5.00	93.00	-20.00	33.00	-5.00	-10.00	-15.00
468194	58.3083	135.3664	-9999.	-9999.0	-9999.	2.13	-5.00	-5.00	-5.00	58.00	-20.00	42.00	-5.00	-10.00	-15.00
468195	58.3542	135.4036	-9999.	-9999.0	-9999.	3.03	-5.00	-5.00	-5.00	47.00	-20.00	41.00	-5.00	-10.00	-15.00
468196	58.2233	135.6633	-9999.	-9999.0	-9999.	2.45	-5.00	-5.00	-5.00	37.00	-20.00	37.00	-5.00	-10.00	-15.00
468197	58.2225	135.6644	-9999.	-9999.0	-9999.	4.25	-5.00	-5.00	-5.00	18.00	-20.00	29.00	-5.00	-10.00	-15.00
468198	58.2058	135.5983	-9999.	-9999.0	-9999.	2.61	-5.00	-5.00	-5.00	51.00	-20.00	20.00	-5.00	-10.00	-15.00
468200	58.1833	135.5617	-9999.	-9999.0	-9999.	2.42	-5.00	-5.00	-5.00	34.00	-20.00	32.00	-5.00	-10.00	-15.00
468201	58.1908	135.5628	-9999.	-9999.0	-9999.	7.64	-5.00	-5.00	-5.00	97.00	-20.00	26.00	-5.00	-10.00	-15.00
468202	58.1767	135.5094	-9999.	-9999.0	-9999.	2.30	-5.00	-5.00	-5.00	35.00	-20.00	38.00	-5.00	-10.00	-15.00
468203	58.4239	134.5350	9.	3.0	15.	3.04	-5.00	-5.00	-5.00	19.00	-20.00	-15.00	-5.00	-10.00	-15.00
468204	58.4243	134.5767	8.	72.0	8.	2.71	-5.00	-5.00	-5.00	54.00	-20.00	46.00	-5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SFT 3

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MO PPM	RE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468144	17.00	-5.00	99.00	-9999.00	-9999.00	-9999.00	72440.00	-0.09	-186.00	37810.00	50.00	-142.00	13.90
468145	27.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	79370.00	-0.07	635.00	-1229.00	51.00	-126.00	16.50
468146	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	68210.00	-0.10	601.00	6966.00	46.00	-137.00	13.00
468148	19.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	67990.00	-0.09	283.00	17630.00	32.00	-139.00	12.70
468149	111.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	53360.00	-0.07	538.00	26080.00	65.00	-106.00	31.70
468150	6.00	-5.00	85.00	-9999.00	-9999.00	-9999.00	43110.00	-0.10	-238.00	10910.00	28.00	-158.00	-1.50
468151	25.00	-5.00	139.00	-9999.00	-9999.00	-9999.00	79990.00	-0.06	383.00	11690.00	20.00	296.00	14.30
468152	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	83860.00	-0.09	-214.00	12890.00	27.00	-162.00	14.60
468153	7.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	73420.00	-0.06	369.00	9871.00	35.00	432.00	12.40
468154	6.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	70880.00	-0.09	-262.00	9494.00	45.00	-166.00	20.70
468158	31.00	-5.00	114.00	-9999.00	-9999.00	-9999.00	68800.00	-0.09	476.00	7776.00	44.00	-144.00	17.60
468159	15.00	-5.00	138.00	-9999.00	-9999.00	-9999.00	77790.00	-0.07	364.00	16230.00	65.00	-158.00	23.80
468162	26.00	-5.00	98.00	-9999.00	-9999.00	-9999.00	63930.00	-0.12	508.00	7692.00	38.00	-139.00	12.70
468165	33.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	70800.00	-0.07	354.00	20020.00	43.00	-149.00	20.50
468166	24.00	-5.00	91.00	-9999.00	-9999.00	-9999.00	61760.00	-0.12	-271.00	6480.00	51.00	-139.00	15.10
468167	32.00	-5.00	104.00	-9999.00	-9999.00	-9999.00	81550.00	-0.10	290.00	9412.00	42.00	-150.00	17.80
468168	114.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	68320.00	-0.09	557.00	11590.00	49.00	-137.00	11.00
468169	37.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	78540.00	-0.09	527.00	7005.00	79.00	-124.00	20.80
468170	50.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	82690.00	-0.07	328.00	4282.00	46.00	-144.00	16.10
468171	22.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	76530.00	-0.06	369.00	10830.00	45.00	-111.00	15.70
468172	29.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	70660.00	-0.06	571.00	32700.00	49.00	-115.00	15.70
468173	16.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	47170.00	-0.06	-169.00	86980.00	34.00	172.00	11.40
468174	20.00	-5.00	103.00	-9999.00	-9999.00	-9999.00	79900.00	-0.07	390.00	6869.00	44.00	-143.00	15.50
468177	21.00	-5.00	94.00	-9999.00	-9999.00	-9999.00	62800.00	-0.07	398.00	71990.00	50.00	-121.00	11.50
468178	56.10	-5.00	97.00	-9999.00	-9999.00	-9999.00	64920.00	-0.06	349.00	94820.00	37.00	-134.00	11.70
468179	37.1	-5.00	114.00	-9999.00	-9999.00	-9999.00	78020.00	-0.07	361.00	38570.00	48.00	-123.00	14.60
468180	67.0	-5.00	106.00	-9999.00	-9999.00	-9999.00	82080.00	-0.07	558.00	5872.00	56.00	-113.00	26.10
468181	14.00	-5.00	109.00	-9999.00	-9999.00	-9999.00	71710.00	-0.08	459.00	22740.00	42.00	-132.00	19.40
468182	23.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	82690.00	-0.07	429.00	18700.00	40.00	-131.00	17.40
468183	56.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	73300.00	-0.08	-161.00	54820.00	36.00	510.00	24.40
468184	41.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	70580.00	-0.06	278.00	44440.00	40.00	-112.00	19.30
468185	130.00	-5.00	98.00	-9999.00	-9999.00	-9999.00	66750.00	-0.09	-219.00	32030.00	58.00	229.00	27.50
468186	19.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	74560.00	-0.07	510.00	9302.00	58.00	-132.00	12.00
468187	10.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	68430.00	-0.07	-220.00	20430.00	40.00	2176.00	18.70
468188	16.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	68860.00	-0.05	653.00	19150.00	43.00	365.00	12.20
468189	24.00	-5.00	201.00	-9999.00	-9999.00	-9999.00	71590.00	-0.08	496.00	11540.00	63.00	-131.00	15.40
468190	22.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	73180.00	-0.08	-253.00	9475.00	37.00	-195.00	25.20
468191	32.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	79660.00	-0.08	-243.00	21160.00	30.00	289.00	24.10
468192	39.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	75960.00	-0.06	359.00	20680.00	40.00	-142.00	20.80
468193	72.00	-5.00	80.00	-9999.00	-9999.00	-9999.00	59760.00	-0.11	-287.00	14970.00	32.00	-168.00	25.90
468194	19.00	-5.00	106.00	-9999.00	-9999.00	-9999.00	75390.00	-0.09	-270.00	17390.00	36.00	-200.00	23.60
468195	16.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	78690.00	-0.08	342.00	12580.00	85.00	-115.00	15.30
468196	13.00	-5.00	221.00	-9999.00	-9999.00	-9999.00	70140.00	-0.06	362.00	14190.00	78.00	-137.00	24.00
468197	15.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	69180.00	-0.10	-218.00	11860.00	44.00	-155.00	14.70
468198	18.00	-5.00	106.00	-9999.00	-9999.00	-9999.00	57180.00	-0.09	-480.00	19400.00	46.00	-377.00	16.20
468200	10.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	69840.00	-0.05	475.00	6954.00	71.00	-136.00	22.70
468201	27.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	64510.00	-0.09	402.00	30030.00	52.00	203.00	19.90
468202	17.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	76030.00	-0.07	-242.00	10730.00	29.00	372.00	21.40
468203	-5.00	-5.00	311.00	-9999.00	-9999.00	-9999.00	67410.00	-0.06	638.00	44820.00	64.00	132.00	10.20
468204	137.00	-5.00	219.00	-9999.00	-9999.00	-9999.00	66280.00	-0.06	891.00	24660.00	85.00	-171.00	29.20

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET 3

SAMPLE NO.	CB PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	R PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	RE PPM
468144	49.00	-2.40	4.00	1.00	41550.00	2.60	10920.00	18.00	.20	22090.00	705.00	17410.00	-55.00
468145	81.00	5.60	4.00	1.40	46670.00	4.30	18170.00	25.00	.30	13220.00	612.00	19460.00	91.00
468146	81.00	-2.60	3.00	1.00	41860.00	3.80	13590.00	19.00	.20	16210.00	1054.00	15430.00	-55.00
468148	56.00	-2.50	4.00	.70	32590.00	7.90	14780.00	13.00	.20	4697.00	521.00	14770.00	-57.00
468149	201.00	3.60	5.00	1.40	60270.00	4.70	13470.00	31.00	.30	21790.00	1429.00	6618.00	108.00
468150	58.00	-2.50	2.00	.60	14760.00	3.70	-4690.00	-8.00	-.10	7122.00	257.00	16600.00	-53.00
468151	87.00	2.90	3.00	1.00	47460.00	4.30	17740.00	18.00	.20	10670.00	1005.00	22990.00	-36.00
468152	52.00	-2.40	2.00	.90	35430.00	2.80	22290.00	-7.00	.20	13800.00	827.00	19520.00	-56.00
468153	104.00	3.40	3.00	1.00	43280.00	4.40	13570.00	22.00	.20	14820.00	650.00	22520.00	68.00
468154	118.00	-2.40	3.00	1.10	46670.00	4.10	13410.00	20.00	.20	12260.00	1913.00	18420.00	-52.00
468158	108.00	6.80	3.00	1.10	41780.00	3.20	12510.00	24.00	.20	13540.00	873.00	19110.00	-47.00
468159	162.00	1.70	5.00	1.50	52880.00	3.90	20030.00	39.00	.30	16380.00	1344.00	20600.00	71.00
468162	78.00	5.10	4.00	1.20	44020.00	-1.80	16210.00	31.00	.30	13040.00	714.00	11270.00	-64.00
468165	93.00	-1.90	3.00	1.30	52120.00	3.80	14000.00	20.00	.20	1745.00	1246.00	19330.00	-43.00
468166	76.00	-3.10	4.00	1.20	41660.00	-1.80	15700.00	23.00	.20	16250.00	663.00	10170.00	-64.00
468167	76.00	4.30	4.00	1.00	47250.00	3.10	16840.00	16.00	.40	13230.00	1091.00	16100.00	-66.00
468168	88.00	7.80	5.00	1.50	49160.00	4.00	11800.00	26.00	.30	13450.00	519.00	19330.00	-60.00
468169	83.00	9.90	4.00	1.20	57880.00	3.70	19400.00	27.00	.30	17490.00	597.00	14590.00	70.00
468170	76.00	3.50	5.00	1.20	57660.00	3.50	19450.00	20.00	.30	16940.00	669.00	19530.00	-42.00
468171	71.00	2.10	3.00	.90	43430.00	3.10	17410.00	21.00	.20	17700.00	435.00	19710.00	-41.00
468172	80.00	3.40	4.00	1.20	50860.00	4.40	13060.00	27.00	.30	22490.00	531.00	20670.00	-37.00
468173	38.00	-1.60	2.00	.70	38710.00	2.40	8627.00	18.00	.10	44830.00	702.00	13440.00	-38.00
468174	85.00	4.80	5.00	1.00	54180.00	3.50	19070.00	20.00	.30	16380.00	652.00	18340.00	67.00
468177	50.00	-1.90	3.00	1.10	38180.00	2.50	11090.00	18.00	.20	16240.00	493.00	18660.00	-41.00
468178	51.00	3.60	4.00	.90	38870.00	2.80	5819.00	21.00	.30	22410.00	522.00	17630.00	-36.00
468179	62.00	-2.00	3.00	1.00	40030.00	2.60	13630.00	22.00	.20	19310.00	521.00	18710.00	-47.00
468180	99.00	5.70	5.00	1.30	69730.00	3.60	20700.00	31.00	.40	13720.00	814.00	13400.00	127.00
468181	84.00	2.00	3.00	1.10	49220.00	3.40	16030.00	22.00	.30	17278.00	744.00	17550.00	-48.00
468182	80.00	3.90	5.00	1.20	51810.00	3.70	17190.00	23.00	.30	21060.00	617.00	17850.00	64.00
468183	93.00	-2.10	4.00	1.00	55640.00	3.20	12340.00	23.00	.30	17860.00	945.00	17950.00	-49.00
468184	93.00	3.50	4.00	1.20	55150.00	2.90	16270.00	22.00	.30	16490.00	698.00	17280.00	-38.00
468185	83.00	5.70	4.00	1.00	57520.00	3.40	11210.00	26.00	.30	21080.00	902.00	15220.00	-57.00
468186	84.00	3.80	5.00	1.20	49780.00	3.50	20070.00	33.00	.20	16180.00	589.00	16150.00	85.00
468187	93.00	-2.00	3.00	1.00	39620.00	3.80	14040.00	18.00	.20	13130.00	1683.00	23550.00	-48.00
468188	93.00	-1.60	3.00	1.20	43970.00	4.10	15670.00	21.00	.20	13330.00	766.00	22490.00	-36.00
468189	117.00	3.10	4.00	1.30	52610.00	8.50	14890.00	30.00	.30	14170.00	647.00	18540.00	-49.00
468190	75.00	2.90	4.00	1.10	57260.00	2.70	16970.00	16.00	.30	16850.00	2226.00	13210.00	-49.00
468191	62.00	-2.20	3.00	.70	48110.00	2.30	-6751.00	16.00	-.10	14500.00	1955.00	17490.00	-54.00
468192	90.00	3.90	3.00	1.00	54870.00	3.20	-5116.00	19.00	.20	16080.00	1141.00	19260.00	-40.00
468193	175.00	14.60	4.00	1.10	55320.00	-1.70	14380.00	17.00	-.10	11310.00	1471.00	13990.00	-64.00
468194	95.00	-2.50	4.00	1.30	51840.00	3.40	-8261.00	25.00	.30	9208.00	1987.00	15500.00	-55.00
468195	71.00	4.10	4.00	1.10	40660.00	3.90	21110.00	35.00	.20	18810.00	474.00	15140.00	-50.00
468196	153.00	-1.70	5.00	2.00	77850.00	7.00	13590.00	36.00	.40	9576.00	1213.00	18590.00	-42.00
468197	81.00	-2.60	4.00	1.20	54110.00	4.40	12320.00	26.00	.30	11070.00	623.00	21940.00	-56.00
468198	77.00	-2.30	-3.00	1.40	70540.00	3.00	-15900.00	27.00	.30	-6398.00	6313.00	13930.00	-56.00
468200	112.00	2.30	4.00	1.60	67150.00	5.70	15450.00	39.00	.30	6239.00	1264.00	19820.00	-37.00
468201	47.00	3.40	4.00	1.40	35590.00	3.90	13450.00	35.00	.30	13010.00	567.00	19000.00	-57.00
468202	78.00	2.30	3.00	.90	60590.00	3.60	13180.00	19.00	.30	15840.00	1904.00	21870.00	-45.00
468203	43.00	-1.70	4.00	1.30	42720.00	9.40	6003.00	29.00	.30	11090.00	920.00	22000.00	-38.00
468204	101.00	-2.30	5.00	2.40	83030.00	5.80	-6127.00	42.00	.40	13460.00	1446.00	22520.00	-54.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 9

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	YB PPM	ZH PPM	TH/U RATIO
468144	-3.00	14.00	2.60	-350.00	-2.00	-1.00	4.00	3220.00	153.00	3.40	177.00	1.40400
468145	3.00	17.00	5.20	-287.00	-1.00	-1.00	6.30	4103.00	149.00	2.60	156.00	1.62500
468146	-3.00	16.30	3.30	-454.00	-2.00	-1.00	9.00	3263.00	135.00	3.30	-127.00	1.68900
468149	-3.00	11.70	2.20	-340.00	-2.00	-1.00	2.00	3240.00	129.00	-2.20	223.00	1.22900
468149	-2.00	21.90	6.40	-359.00	-1.00	-1.00	11.20	3633.00	177.00	3.70	-109.00	2.23700
468150	-3.00	9.20	2.00	-363.00	-2.00	-1.00	-1.60	3324.00	97.00	-2.30	-64.00	0.00000
468151	-2.00	19.30	2.30	-321.00	-1.00	-1.00	3.80	4071.00	156.00	-1.60	122.00	1.39700
468152	-3.00	11.60	1.90	-400.00	-2.00	-1.00	4.00	3370.00	141.00	-2.10	163.00	1.55000
468153	-2.00	15.60	3.90	-300.00	-1.00	-1.00	4.70	4361.00	130.00	-1.30	58.00	1.63100
468154	-3.00	16.30	3.00	-466.00	-1.00	-1.00	4.80	4114.00	135.00	1.90	-106.00	1.77600
468158	-2.00	19.70	2.30	-383.00	-2.00	1.00	4.10	3991.00	136.00	-2.00	68.00	1.46000
468159	-2.00	17.80	5.10	-341.00	-1.00	1.00	5.70	6252.00	171.00	2.30	-48.00	2.19300
468162	-3.00	17.50	4.10	-431.00	-3.00	-1.00	4.50	3876.00	152.00	-2.70	215.00	1.43300
468163	-2.00	16.60	4.40	-391.00	-1.00	-1.00	3.60	4527.00	142.00	2.30	157.00	1.91600
468166	-2.00	16.10	3.80	-434.00	-2.00	-1.00	4.70	3679.00	155.00	-2.40	-86.00	1.45100
468167	-3.00	16.50	2.20	-420.00	-2.00	-1.00	4.50	4036.00	178.00	-2.20	206.00	1.42500
468168	-3.00	20.90	5.10	-349.00	-2.00	-1.00	4.40	4670.00	149.00	-2.00	-101.00	1.30200
468169	-3.00	19.90	5.10	-334.00	-1.00	-1.00	6.90	3785.00	162.00	3.40	128.00	1.94900
468170	-2.00	21.00	4.30	-285.00	-1.00	1.00	5.80	3741.00	190.00	3.20	183.00	1.85900
468171	-2.00	13.20	2.30	-240.00	-1.00	-1.00	4.10	3742.00	137.00	2.10	-50.00	1.52400
468172	-2.00	16.20	5.10	439.00	-1.00	-1.00	6.30	3393.00	130.00	2.50	118.00	2.12300
468173	-2.00	9.10	2.20	579.00	-1.00	-1.00	3.00	2081.00	100.00	-1.30	127.00	1.04900
468174	-2.00	19.20	3.60	-287.00	-1.00	2.00	6.20	4208.00	183.00	3.00	-53.00	2.04900
468177	-2.00	14.80	3.20	714.00	-1.00	-1.00	4.10	2499.00	98.00	2.60	-44.00	1.76700
468179	-2.00	13.00	3.90	815.00	-1.00	-1.00	4.30	2982.00	110.00	-1.30	133.00	1.65300
468179	-2.00	13.00	3.30	336.00	-1.00	-1.00	5.30	4183.00	129.00	2.80	-59.00	1.64200
468180	5.00	22.20	6.30	-310.00	-1.00	-1.00	7.70	5090.00	177.00	4.20	213.00	2.25200
468181	-2.00	18.30	4.10	-335.00	-1.00	-1.00	4.70	4298.00	156.00	3.60	133.00	1.64200
468182	-2.00	19.40	4.60	-262.00	-1.00	-1.00	6.30	3828.00	178.00	2.70	-51.00	1.83200
468183	-2.00	17.80	2.60	-316.00	-1.00	-1.00	3.20	3724.00	193.00	1.80	-56.00	1.15900
468184	3.00	20.70	4.40	-265.00	-1.00	-1.00	4.40	3893.00	167.00	2.90	127.00	1.76100
468185	-3.00	19.80	4.20	-390.00	-1.00	-1.00	4.50	3781.00	164.00	-2.00	-57.00	1.70400
468186	3.00	16.50	5.30	-270.00	-1.00	-1.00	5.90	3778.00	186.00	2.00	-49.00	1.96900
468187	-2.00	13.00	2.40	-446.00	-1.00	-1.00	4.60	3063.00	125.00	-1.60	178.00	1.84200
468188	-2.00	16.20	3.70	-298.00	-1.00	-1.00	5.00	4385.00	143.00	-2.10	-116.00	1.85900
468189	-2.00	16.90	4.90	-329.00	-1.00	-1.00	5.60	4522.00	153.00	2.40	-92.00	1.25000
468190	-2.00	17.80	3.20	-503.00	-1.00	-1.00	4.40	4032.00	169.00	3.10	217.00	1.58700
468191	-2.00	13.00	2.00	-492.00	-2.00	-1.00	2.80	5106.00	129.00	-1.90	121.00	1.63700
468192	-2.00	16.40	3.60	-360.00	-1.00	-1.00	3.80	4527.00	137.00	3.00	171.00	2.03300
468193	18.00	19.50	3.10	-523.00	-2.00	-1.00	2.80	2954.00	152.00	-2.60	182.00	1.86600
468194	-3.00	16.00	3.40	-535.00	-2.00	-1.00	3.80	4119.00	149.00	-1.90	203.00	1.78300
468195	-2.00	14.60	4.00	-273.00	-2.00	-1.00	4.20	4189.00	201.00	2.10	-62.00	1.38700
468197	-3.00	17.20	6.90	-344.00	2.00	1.00	6.00	8925.00	141.00	4.10	41.00	2.45100
468198	-2.00	17.60	5.10	-377.00	-1.00	-1.00	4.80	6445.00	160.00	-2.00	-71.00	1.13000
468200	-2.00	13.60	4.30	-999.00	-1.00	-1.00	5.20	-999.00	96.00	2.30	-99.00	1.99200
468201	-2.00	15.20	5.60	-343.00	-1.00	-1.00	6.00	8244.00	158.00	3.30	73.00	2.48100
468202	-2.00	15.90	4.30	575.00	-2.00	-1.00	5.70	5292.00	163.00	-2.20	-83.00	1.74600
468203	-2.00	15.70	2.90	-478.00	-1.00	-1.00	4.30	3872.00	132.00	2.30	-93.00	1.86900
468204	-2.00	15.90	3.70	-289.00	-1.00	-1.00	6.90	3339.00	132.00	2.20	-46.00	2.26800
468204	-2.00	20.50	8.30	-439.00	3.00	-2.00	4.90	16640.00	164.00	3.40	231.00	1.60900

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 4

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
468209	58.4550	134.5686	8.	30.0	2.	.76	-5.00	-5.00	-5.00	35.00	-20.00	54.00	-5.00	-10.00	-15.00
468206	58.4578	134.5814	8.	7.0	8.	9.36	-5.00	-5.00	-5.00	115.00	-20.00	110.00	-5.00	-10.00	-15.00
468208	58.4761	134.6014	8.	3.0	4.	1.71	-5.00	-5.00	-5.00	45.00	-20.00	32.00	-5.00	-10.00	-15.00
468211	58.4181	134.6108	6.	63.0	1.	2.33	-5.00	-5.00	-5.00	68.00	-20.00	81.00	-5.00	-10.00	-15.00
468214	58.4078	134.4839	8.	10.0	6.	2.34	-5.00	-5.00	-5.00	45.00	-20.00	30.00	-5.00	-10.00	-15.00
468215	58.4386	134.4453	8.	3.0	9.	2.72	-5.00	-5.00	-5.00	15.00	-20.00	-15.00	-5.00	-10.00	-15.00
468216	58.4364	134.4447	7.	13.0	8.	10.65	-5.00	-5.00	-5.00	45.00	-20.00	51.00	-5.00	-10.00	-15.00
468218	58.4150	134.4528	8.	14.0	10.	2.44	-5.00	-5.00	-5.00	45.00	-20.00	29.00	-5.00	-10.00	-15.00
468219	58.3944	134.3914	8.	9.0	1.	2.71	-5.00	-5.00	-5.00	36.00	-20.00	-15.00	-5.00	-10.00	-15.00
468220	58.4017	134.3886	8.	4.0	12.	3.50	-5.00	-5.00	-5.00	27.00	-20.00	-15.00	-5.00	-10.00	-15.00
468221	58.4057	134.4253	8.	8.0	14.	3.82	-5.00	-5.00	-5.00	58.00	-20.00	35.00	-5.00	-10.00	-15.00
468222	58.3753	134.3989	7.	23.0	12.	6.88	-5.00	-5.00	-5.00	73.00	-20.00	46.00	-5.00	-10.00	-15.00
468223	58.3589	134.4389	8.	11.0	6.	3.28	-5.00	-5.00	-5.00	113.00	-20.00	64.00	-5.00	-10.00	-15.00
468225	58.2981	134.3719	8.	26.0	8.	1.35	-5.00	-5.00	-5.00	129.00	-20.00	98.00	-5.00	-10.00	-15.00
468226	58.3014	134.3281	8.	3.0	6.	1.77	-5.00	-5.00	-5.00	95.00	-20.00	37.00	-5.00	-10.00	-15.00
468227	58.3064	134.2964	7.	9.0	20.	3.66	-5.00	-5.00	-5.00	73.00	-20.00	41.00	-5.00	-10.00	-15.00
468229	58.3597	134.2667	7.	6.0	19.	3.46	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468230	58.3381	134.2428	7.	17.0	9.	4.37	-5.00	-5.00	-5.00	60.00	-20.00	42.00	-5.00	-10.00	-15.00
468231	58.3244	134.2239	7.	9.0	6.	2.79	-5.00	-5.00	-5.00	27.00	-20.00	15.00	-5.00	-10.00	-15.00
468233	58.2897	134.1878	7.	9.0	13.	2.00	-5.00	-5.00	-5.00	61.00	-20.00	36.00	-5.00	-10.00	-15.00
468234	58.2753	134.2003	7.	32.0	8.	2.09	-5.00	-5.00	-5.00	64.00	-20.00	41.00	-5.00	-10.00	-15.00
468239	58.3553	134.1747	7.	21.0	18.	82.54	-5.00	-5.00	-5.00	28.00	-20.00	23.00	-5.00	-10.00	-15.00
468240	58.3675	134.2178	8.	4.0	8.	4.07	-5.00	-5.00	-5.00	26.00	-20.00	-15.00	-5.00	-10.00	-15.00
468241	58.4172	134.2508	7.	4.0	7.	8.04	-5.00	-5.00	-5.00	38.00	-20.00	22.00	-5.00	-10.00	-15.00
468246	58.0450	134.6567	8.	52.0	6.	-2.34	-5.00	-5.00	-5.00	73.00	-20.00	49.00	-5.00	-10.00	-15.00
468247	58.0264	134.5958	8.	32.0	4.	1.98	-5.00	-5.00	-5.00	77.00	-20.00	62.00	-5.00	-10.00	-15.00
468253	58.1158	134.5492	8.	16.0	6.	1.63	-5.00	-5.00	-5.00	133.00	-20.00	74.00	-5.00	-10.00	-15.00
468254	58.1347	134.5817	8.	30.0	9.	8.25	-5.00	-5.00	11.00	98.00	-20.00	66.00	-5.00	-10.00	-15.00
468255	58.1317	134.6111	7.	68.0	2.	5.07	-5.00	-5.00	-5.00	102.00	-20.00	30.00	-5.00	-10.00	-15.00
468257	58.2586	134.5858	6.	9.0	9.	.77	-5.00	-5.00	-5.00	69.00	-20.00	93.00	-5.00	-10.00	-15.00
468258	58.2708	134.5783	6.	42.0	4.	1.37	-5.00	-5.00	-5.00	125.00	-20.00	47.00	-5.00	-10.00	-15.00
468260	58.2911	134.6075	7.	49.0	2.	1.76	-5.00	-5.00	-5.00	98.00	-20.00	30.00	-5.00	-10.00	-15.00
468262	58.2856	134.2361	-9999.	11.0	2.	1.97	-5.00	-5.00	-5.00	60.00	-20.00	52.00	-5.00	-10.00	-15.00
468263	58.3069	134.1756	-9999.	8.0	2.	3.64	-5.00	-5.00	-5.00	16.00	-20.00	-15.00	-5.00	-10.00	-15.00
468265	58.2628	134.0431	5.	5.0	10.	6.02	-5.00	-5.00	-5.00	16.00	-20.00	-15.00	-5.00	-10.00	-15.00
468267	58.2678	134.0064	4.	11.0	10.	7.17	-5.00	-5.00	-5.00	38.00	-20.00	21.00	-5.00	-10.00	-15.00
468268	58.4283	134.1186	7.	9.0	20.	2.51	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468269	58.4478	134.0114	7.	7.0	10.	3.78	-5.00	-5.00	-5.00	13.00	-20.00	-15.00	-5.00	-10.00	-15.00
468272	58.5044	135.1358	7.	58.0	16.	3.07	-5.00	-5.00	-5.00	34.00	-20.00	18.00	-5.00	-10.00	-15.00
468273	58.5528	135.1803	8.	56.0	11.	2.08	-5.00	-5.00	-5.00	33.00	-20.00	23.00	-5.00	-10.00	-15.00
468275	58.5439	135.1756	8.	59.0	-9999.	1.88	-5.00	-5.00	-5.00	31.00	-20.00	-15.00	-5.00	-10.00	-15.00
468277	58.5975	135.2200	8.	315.0	-9999.	5.01	-5.00	-5.00	-5.00	42.00	-20.00	49.00	-5.00	-10.00	-15.00
468279	58.6086	135.2872	8.	72.0	-9999.	2.54	-5.00	-5.00	-5.00	33.00	-20.00	24.00	-5.00	-10.00	-15.00
468281	58.6247	135.2375	8.	63.0	-9999.	2.78	-5.00	-5.00	-5.00	44.00	-20.00	37.00	-5.00	-10.00	-15.00
468282	58.6389	135.2125	6.	1.0	14.	6.10	-5.00	-5.00	-5.00	32.00	-20.00	34.00	-5.00	-10.00	-15.00
468283	58.6367	135.1842	-9999.	18.0	22.	9.77	-5.00	-5.00	-5.00	43.00	-20.00	54.00	-5.00	-10.00	-15.00
468284	58.6786	135.1861	7.	22.0	-9999.	9.49	-5.00	-5.00	-5.00	39.00	-20.00	-15.00	-5.00	-10.00	-15.00
468285	58.7250	135.2394	8.	58.0	7.	3.54	-5.00	-5.00	-5.00	56.00	-20.00	30.00	-5.00	-10.00	-15.00
468291	58.4783	134.9031	6.	66.0	-9999.	3.81	-5.00	-5.00	-5.00	60.00	-20.00	41.00	-5.00	-10.00	-15.00
468292	58.4450	134.8697	6.	27.0	-9999.	2.19	-5.00	-5.00	-5.00	51.00	-20.00	39.00	-5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 4

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	NO PPM	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468205	9.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	70340.00	-0.09	-228.00	46000.00	30.00	-173.00	44.00
468206	21.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	79170.00	-0.10	648.00	52200.00	27.00	-190.00	38.30
468208	7.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	73020.00	-0.09	752.00	44200.00	33.00	-299.00	23.00
468211	1018.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	70420.00	-0.13	1205.00	19900.00	31.00	-177.00	27.00
468214	18.00	-5.00	198.00	-9999.00	-9999.00	-9999.00	65910.00	-0.07	1579.00	23700.00	54.00	-155.00	15.20
468215	9.00	-5.00	943.00	-9999.00	-9999.00	-9999.00	69470.00	-0.06	861.00	45920.00	122.00	-301.00	13.30
468216	15.00	-5.00	423.00	-9999.00	-9999.00	-9999.00	53510.00	-0.06	905.00	76790.00	234.00	-163.00	23.30
468218	17.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	66090.00	-0.07	1343.00	34790.00	45.00	-135.00	20.10
468219	24.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	65050.00	-0.07	819.00	31760.00	40.00	-163.00	8.80
468220	14.00	-5.00	430.00	-9999.00	-9999.00	-9999.00	69680.00	-0.06	939.00	54110.00	102.00	-161.00	19.40
468221	11.00	-5.00	136.00	-9999.00	-9999.00	-9999.00	76120.00	-0.09	524.00	38090.00	59.00	-157.00	22.70
468222	26.00	5.00	112.00	-9999.00	-9999.00	-9999.00	51210.00	-0.07	4030.00	46540.00	48.00	-94.00	13.00
468223	20.00	-5.00	112.00	-9999.00	-9999.00	-9999.00	52700.00	-0.09	3631.00	9827.00	35.00	-117.00	20.30
468225	56.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	74150.00	-0.12	-207.80	10220.00	30.00	-152.00	54.40
468226	24.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	46050.00	-0.07	2843.00	13320.00	64.00	-104.00	17.60
468227	29.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	63580.00	-0.08	1605.00	26860.00	46.00	-135.00	17.30
468229	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	72940.00	-0.08	1079.00	41100.00	70.00	-292.00	18.10
468230	103.00	-5.00	169.00	-9999.00	-9999.00	-9999.00	72370.00	.13	1461.00	46690.00	70.00	-135.00	21.30
468231	84.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	69430.00	-0.12	605.00	36010.00	33.00	-164.00	14.90
468233	12.00	-5.00	191.00	-9999.00	-9999.00	-9999.00	72270.00	-0.10	771.00	33670.00	82.00	-142.00	29.00
468234	19.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	74050.00	-0.07	1441.00	39200.00	42.00	-143.00	20.30
468239	21.00	-5.00	186.00	-9999.00	-9999.00	-9999.00	66320.00	-0.11	926.00	28960.00	69.00	-172.00	13.90
468240	17.00	-5.00	255.00	-9999.00	-9999.00	-9999.00	80940.00	-0.06	1103.00	51350.00	87.00	-252.00	17.40
468241	7.00	-5.00	217.00	-9999.00	-9999.00	-9999.00	65510.00	-0.09	665.00	41550.00	204.00	-127.00	19.40
468246	21.00	-5.00	91.00	-9999.00	-9999.00	-9999.00	59750.00	-0.10	746.80	22350.00	38.00	-174.00	26.30
468247	33.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	60740.00	-0.10	994.00	19370.00	52.00	-168.00	24.60
468253	21.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	76000.00	-0.12	709.00	14380.00	40.00	-180.00	27.40
468254	42.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	70150.00	-0.09	3259.00	6792.00	51.00	-169.00	27.60
468255	6.00	8.00	107.00	-9999.00	-9999.00	-9999.00	67310.00	-0.12	976.00	18910.00	46.00	-132.00	10.90
468257	25.00	-5.00	55.00	-9999.00	-9999.00	-9999.00	55730.00	-0.14	-296.00	45530.00	42.00	-186.00	15.60
468258	36.00	-5.00	52.00	-9999.00	-9999.00	-9999.00	47040.00	-0.15	-336.00	33890.00	13.00	-181.00	22.30
468260	47.00	-5.00	77.00	-9999.00	-9999.00	-9999.00	68150.00	-0.09	348.00	40310.00	26.00	-172.00	23.90
468262	30.00	-5.00	134.00	-9999.00	-9999.00	-9999.00	71580.00	-0.08	1864.00	45710.00	66.00	-143.00	24.40
468263	7.00	-5.00	192.00	-9999.00	-9999.00	-9999.00	57050.00	-0.13	678.00	23060.00	41.00	-361.00	5.30
468265	13.00	-5.00	246.00	-9999.00	-9999.00	-9999.00	95140.00	-0.11	616.00	15370.00	86.00	-154.00	11.10
468267	26.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	65810.00	-0.10	631.00	40690.00	60.00	-153.00	20.20
468268	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	34890.00	-0.10	-293.00	8254.00	-9999.00	415.00	-9999.00
468269	8.00	-5.00	173.00	-9999.00	-9999.00	-9999.00	71410.00	-0.06	782.00	33310.00	71.00	-135.00	8.20
468272	8.00	-5.00	152.00	-9999.00	-9999.00	-9999.00	80080.00	-0.07	318.00	30700.00	49.00	-172.00	16.10
468273	10.00	-5.00	103.00	-9999.00	-9999.00	-9999.00	58750.00	-0.07	233.00	109300.00	36.00	-114.00	11.00
468275	14.00	-5.00	92.00	-9999.00	-9999.00	-9999.00	45830.00	-0.06	352.00	137500.00	35.00	-99.00	10.10
468277	19.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	68960.00	-0.10	-202.00	-1292.00	48.00	-406.00	15.40
468279	9.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	67240.00	-0.08	433.00	11440.00	54.00	-147.00	18.50
468281	14.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	77570.00	-0.08	413.00	8112.00	44.00	-122.00	12.50
468282	16.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	55860.00	-0.10	652.00	14770.00	35.00	-151.00	10.30
468283	16.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	61790.00	-0.10	590.00	12260.00	42.00	-172.00	22.50
468284	6.00	-5.00	339.00	-9999.00	-9999.00	-9999.00	70040.00	-0.06	1027.00	42300.00	139.00	-146.00	12.60
468285	31.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	64310.00	-0.11	8500.00	12290.00	64.00	-144.00	28.40
468291	11.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	61290.00	-0.11	831.00	20890.00	45.00	-358.00	22.70
468292	27.00	-5.00	135.00	-9999.00	-9999.00	-9999.00	59990.00	-0.08	506.00	32080.00	42.00	-271.00	49.70

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET 4

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM
468205	149.00	-2.70	3.00	1.20	90760.00	3.50	-5582.00	-5.00	.20	24970.00	1221.00	29710.00	-56.00
468206	233.00	2.90	5.00	1.30	78760.00	2.50	-6922.00	18.00	.30	30280.00	1546.00	18750.00	-55.00
468208	123.00	-2.60	4.00	1.70	73010.00	3.80	8258.00	23.00	.20	26610.00	1161.00	17820.00	-56.00
468211	105.00	-3.60	5.00	1.50	92250.00	2.10	16390.00	-8.00	-.20	18350.00	1237.00	15170.00	-41.00
468214	63.00	-1.90	4.00	1.70	43520.00	4.30	-5216.00	27.00	-.20	12880.00	1229.00	23300.00	-45.00
468215	28.00	-1.90	5.00	2.60	65210.00	19.20	-4633.00	65.00	.40	13480.00	1210.00	22340.00	-37.00
468216	184.00	-1.80	10.00	2.30	71730.00	23.60	5983.00	127.00	.70	16790.00	1898.00	16210.00	-39.00
468218	79.00	-1.80	4.00	1.60	54950.00	3.40	9540.00	21.00	.30	15590.00	1122.00	22250.00	-37.00
468219	94.00	-1.90	4.00	1.30	31890.00	5.80	-5917.00	20.00	.30	9462.00	1634.00	20640.00	-44.00
468220	81.00	-1.60	6.00	2.20	63880.00	14.90	7092.00	54.00	-.40	17040.00	1491.00	22480.00	-34.00
468221	84.00	2.40	5.00	1.50	55690.00	5.00	10310.00	30.00	.40	19810.00	1340.00	20350.00	-51.00
468222	145.00	7.30	6.00	2.20	40630.00	4.20	14250.00	38.00	-.40	13210.00	699.00	10630.00	-36.00
468223	104.00	-2.30	4.00	1.30	38200.00	2.40	10650.00	19.00	-.10	15160.00	1357.00	8091.00	-54.00
468225	239.00	-3.30	7.00	2.00	89760.00	-1.80	-5638.00	20.00	.30	25010.00	1381.00	17580.00	-67.00
468226	93.00	3.90	5.00	1.70	57730.00	3.70	7917.00	37.00	.30	12630.00	1266.00	9341.00	-37.00
468227	63.00	-2.10	4.00	1.30	46180.00	4.30	9611.00	31.00	.20	16630.00	913.00	21170.00	-47.00
468229	87.00	-2.20	4.00	1.70	55800.00	7.90	11060.00	40.00	.30	18730.00	1158.00	20680.00	-47.00
468230	119.00	3.60	7.00	2.00	58180.00	6.20	9032.00	47.00	.40	18800.00	1267.00	18980.00	-43.00
468231	67.00	-3.00	5.00	1.00	43990.00	5.90	-5904.00	24.00	.20	15820.00	1018.00	16390.00	-69.00
468233	145.00	-2.70	5.00	2.20	80960.00	5.40	-5226.00	38.00	.40	29040.00	1383.00	17770.00	-57.00
468234	103.00	-1.90	4.00	1.80	61250.00	3.00	5356.00	28.00	.30	18510.00	1064.00	25710.00	-39.00
468239	67.00	-2.70	4.00	1.60	39250.00	4.90	17280.00	38.00	.30	16370.00	1139.00	18680.00	-64.00
468240	62.00	-1.70	6.00	2.30	55990.00	8.80	14830.00	48.00	.40	18840.00	1161.00	26340.00	-37.00
468241	93.00	-2.30	12.00	1.80	52260.00	9.20	13250.00	102.00	.90	12640.00	1214.00	14300.00	-46.00
468246	90.00	4.40	6.00	1.50	70490.00	3.30	10060.00	19.00	.40	20700.00	2060.00	20300.00	-49.00
468247	143.00	-2.30	4.00	1.40	41810.00	2.60	11470.00	27.00	.20	18458.00	1490.00	19460.00	-60.00
468253	193.00	-3.20	4.00	1.60	54480.00	3.40	16930.00	17.00	.30	20410.00	1362.00	23830.00	-63.00
468254	91.00	10.10	7.00	2.00	53470.00	4.30	16680.00	33.00	.60	10730.00	2649.00	11940.00	-48.00
468255	66.00	1.70	5.00	1.30	26940.00	3.60	9793.00	22.00	-.20	8616.00	414.00	12550.00	-63.00
468257	389.00	-3.60	3.00	.90	98000.00	-2.20	-7953.00	-8.00	-.20	36570.00	2344.00	13050.00	-80.00
468258	317.00	6.00	4.00	1.00	49880.00	-2.10	-8375.00	-11.00	.30	22190.00	1829.00	7714.00	-74.00
468260	179.00	4.10	4.00	1.30	55500.00	3.00	-6634.00	15.00	.30	17930.00	1419.00	14360.00	-55.00
468262	142.00	-2.00	6.00	1.90	59970.00	4.80	11990.00	42.00	.48	21730.00	1338.00	19730.00	-41.00
468263	55.00	-3.10	3.00	.90	231.00	7.50	-5830.00	-12.00	.20	7963.00	533.00	15860.00	-76.00
468265	94.00	3.80	4.00	1.70	48400.00	11.70	18520.00	41.00	.30	7967.00	951.00	16860.00	-57.00
468267	92.00	-2.70	6.00	1.20	50260.00	4.80	12380.00	32.00	.30	23830.00	1202.00	19310.00	-57.00
468268	-9999.00	-9999.00	-2.00	-9999.00	-9999.00	-9999.00	-5268.00	-9999.00	-9999.00	-2957.00	105.00	7705.00	-999.00
468269	59.00	-1.60	3.00	1.20	32080.00	7.30	15750.00	36.00	.30	10900.00	633.00	26730.00	-34.00
468272	71.00	-1.80	5.00	1.30	46540.00	4.20	8554.00	31.00	.30	17960.00	807.00	24480.00	-42.00
468273	99.00	2.00	2.00	.90	34070.00	2.10	15090.00	19.00	.20	14690.00	498.00	15490.00	-38.00
468275	41.00	2.10	3.00	.60	27550.00	1.90	10220.00	17.00	.20	13990.00	377.00	9446.00	-34.00
468277	108.00	5.60	3.00	1.10	40510.00	3.90	17520.00	22.00	.20	20300.00	915.00	15560.00	-53.00
468279	96.00	-2.00	4.00	1.10	42760.00	3.50	12700.00	27.00	.30	9265.00	1136.00	20060.00	-47.00
468281	84.00	-2.00	4.00	1.00	41720.00	3.20	20280.00	24.00	.20	21900.00	594.00	18720.00	61.00
468282	129.00	3.00	4.00	1.30	37650.00	4.70	13320.00	23.00	.30	12630.00	705.00	16210.00	-52.00
468283	113.00	-2.40	4.00	1.30	37540.00	3.60	14610.00	20.00	.30	13910.00	1782.00	15940.00	-57.00
468284	71.00	-1.50	7.00	2.00	43470.00	13.00	11350.00	76.00	.40	12720.00	1089.00	18920.00	-34.00
468285	99.00	5.20	5.00	2.20	72800.00	5.20	23120.00	33.00	.60	10580.00	1812.00	10300.00	-58.00
468291	265.00	-2.60	4.00	.90	43180.00	6.40	11940.00	25.00	.30	12980.00	1369.00	15940.00	-62.00
468292	418.00	-2.30	4.00	1.20	65990.00	5.60	-10910.00	19.00	.30	17110.00	3870.00	17450.00	-52.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 4

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SP PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	VB PPM	TM PPM	TH/U RATIO
468203	-3.00	31.40	-2.20	-474.00	-1.00	-1.00	-1.50	12560.00	184.00	2.90	-66.00	0.00000
468206	-3.00	30.10	3.40	-447.00	-1.00	-1.00	4.10	6693.00	224.00	-2.10	-73.00	.76500
468208	-3.00	33.70	4.60	-404.00	-2.00	-1.00	3.00	8864.00	274.00	-2.00	-64.00	1.75400
468211	-4.00	16.80	2.60	-332.00	-3.00	-2.00	2.90	4553.00	210.00	-3.10	199.00	1.24500
468214	-2.00	12.30	3.10	-378.00	3.00	-1.00	2.70	7775.00	118.00	2.10	-26.00	1.15300
468215	-2.00	29.60	10.10	-321.00	-1.00	-1.00	9.20	4180.00	133.00	3.40	-42.00	3.37800
468216	-2.00	28.00	20.00	-367.00	2.00	2.00	42.20	7549.00	182.00	9.00	-43.00	3.96800
468218	-2.00	22.60	4.30	630.00	-1.00	1.00	3.40	8295.00	196.00	3.20	-44.00	1.47500
468219	-2.00	14.20	3.20	-448.00	-2.00	-1.00	3.90	4086.00	110.00	3.00	-53.00	1.43900
468220	-2.00	23.40	9.10	714.00	-1.00	1.00	9.70	8526.00	165.00	4.20	73.00	2.77000
468221	-3.00	20.40	5.00	-403.00	-1.00	-2.00	5.10	4750.00	178.00	3.60	-59.00	1.33500
468222	27.00	17.60	5.70	401.00	1.00	1.00	4.40	6767.00	282.00	3.00	-43.00	.63900
468223	-3.00	16.00	2.80	-417.00	-2.00	-1.00	3.60	4051.00	176.00	-2.00	-112.00	1.09800
468225	-4.00	41.00	5.60	-411.00	-2.00	-1.00	-1.90	10730.00	253.00	4.00	-76.00	0.00000
468226	-2.00	18.60	3.40	-317.00	-1.00	-1.00	7.20	8044.00	199.00	3.30	275.00	1.90800
468227	-2.00	18.30	3.40	-341.00	-1.00	-1.00	5.90	5331.00	170.00	2.50	-108.00	1.61300
468229	-2.00	23.30	5.90	-349.00	-1.00	-1.00	6.00	5306.00	155.00	4.60	-48.00	1.73300
468230	3.00	27.60	8.40	-345.00	-1.00	-1.00	9.40	8492.00	223.00	4.30	-50.00	2.19800
468231	-3.00	18.10	3.20	-469.00	-2.00	-1.00	2.40	4864.00	153.00	-2.70	117.00	.86000
468233	-3.00	35.60	6.70	-374.00	-2.00	2.00	3.90	7649.00	289.00	4.90	-26.00	1.94900
468234	-2.00	26.10	5.70	-321.00	3.00	-1.00	4.40	9163.00	200.00	3.10	-46.00	2.10500
468239	-3.00	12.60	7.50	-486.00	-3.00	-1.00	8.40	4853.00	119.00	-2.50	217.00	.10200
468240	-2.00	23.40	8.10	690.00	-1.00	-1.00	13.40	4702.00	154.00	2.50	217.00	2.20800
468241	-2.00	23.20	17.90	-337.00	-2.00	2.00	40.40	3884.00	141.00	9.20	-63.00	5.02500
468246	3.00	34.40	4.00	-476.00	-1.00	3.00	3.20	5666.00	217.00	3.50	-64.00	1.36800
468247	-3.00	19.40	3.90	-477.00	-2.00	-1.00	2.00	9340.00	163.00	2.30	-67.00	1.01000
468253	-4.00	30.30	4.80	-463.00	-2.00	-1.00	-1.90	3184.00	205.00	-2.70	-76.00	0.00000
468254	5.00	24.30	5.40	-549.00	-1.00	2.00	4.70	4334.00	344.00	4.30	694.00	.57000
468255	-3.00	15.70	3.40	-351.00	-2.00	-1.00	4.00	4751.00	148.00	2.50	439.00	.78900
468257	-4.00	31.20	3.50	-604.00	-3.00	-2.00	-2.10	3570.00	289.00	-3.10	-96.00	0.00000
468258	-4.00	28.80	2.30	-627.00	-3.00	-2.00	-2.20	2130.00	224.00	-3.20	-95.00	0.00000
468260	-3.00	27.60	4.10	-430.00	-2.00	-1.00	-1.40	4275.00	233.00	-1.80	119.00	0.00000
468262	-2.00	25.30	6.80	-359.00	-1.00	2.00	7.60	7670.00	219.00	5.00	-49.00	1.91600
468263	-4.00	11.40	2.00	-475.00	-3.00	-2.00	3.70	3490.00	96.00	-3.00	-105.00	1.01600
468265	-3.00	17.00	6.80	-399.00	-2.00	-2.00	18.30	5223.00	120.00	3.50	-83.00	3.04000
468267	-3.00	25.30	4.90	-424.00	-1.00	-1.00	8.00	5239.00	196.00	2.90	-71.00	1.11600
468268	-9999.00	-9999.00	-9999.00	-362.00	-9999.00	-9999.00	-9999.00	-9999.00	26.00	0.00	0.00	0.00000
468269	-2.00	12.50	4.70	-281.00	-1.00	-1.00	9.60	2083.00	89.00	2.70	-45.00	2.53800
468272	-2.00	16.40	5.10	635.00	-1.00	-1.00	5.20	3871.00	146.00	-3.40	84.00	1.69500
468273	-2.00	12.50	3.80	619.00	-1.00	-1.00	3.80	3157.00	109.00	-1.60	-45.00	1.82800
468275	-2.00	9.00	2.20	-761.00	-1.00	-1.00	3.50	2497.00	76.00	1.60	94.00	1.86200
468277	-3.00	13.90	3.00	-382.00	-2.00	-1.00	4.90	3263.00	146.00	-2.20	159.00	.97800
468279	-2.00	13.00	-2.50	-394.00	-1.00	-1.00	3.80	9409.00	116.00	2.10	-55.00	1.49700
468281	-2.00	15.70	3.40	-280.00	-2.00	-1.00	4.00	2463.00	133.00	2.60	113.00	1.43900
468282	-3.00	13.70	3.00	-396.00	-2.00	-1.00	5.20	3325.00	133.00	2.10	-57.00	.85300
468283	-3.00	12.60	3.20	-555.00	-1.00	-1.00	4.20	3619.00	129.00	2.60	130.00	.72800
468284	-2.00	17.40	12.60	468.00	-1.00	-1.00	19.90	4397.00	121.00	5.10	-14.00	3.62300
468285	-3.00	21.80	4.50	-470.00	-2.00	-1.00	5.40	5262.00	233.00	3.60	-67.00	1.52400
468291	-3.00	16.80	2.70	-493.00	-2.00	-1.00	4.80	5380.00	172.00	-2.10	-83.00	1.44900
468292	-3.00	24.30	4.10	-699.00	-1.00	-1.00	4.60	3617.00	201.00	-1.70	-63.00	2.10100

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 3

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCNT.	URANIUM PPM	SILVER PPM	BI SMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TEH PPM	TUNGSTEN PPM
468293	58.4708	134.7822	7.	2.0	-9999.	1.61	-5.00	-5.00	-5.00	60.00	-20.00	26.00	-5.00	-10.00	-15.00
468294	58.4192	134.7531	8.	16.0	-9999.	1.25	-5.00	-5.00	-5.00	164.00	-20.00	35.00	10.00	-10.00	-15.00
468295	58.0081	135.9147	8.	5.0	8.	1.49	5.00	-5.00	13.00	104.00	-20.00	41.00	-5.00	-10.00	-15.00
468296	58.1489	135.9008	7.	12.0	9.	2.36	-5.00	-5.00	-5.00	27.00	-20.00	16.00	-5.00	-10.00	-15.00
468297	58.1469	135.9117	7.	12.0	4.	2.19	-5.00	-5.00	-5.00	26.00	-20.00	-15.00	-5.00	-10.00	-15.00
468298	58.1489	135.9150	7.	9.0	4.	2.23	-5.00	-5.00	-5.00	17.00	-20.00	-15.00	-5.00	-10.00	-15.00
468299	58.1681	135.9678	7.	12.0	4.	1.87	-5.00	-5.00	-5.00	12.00	-20.00	-15.00	-5.00	-10.00	-15.00
468300	58.1939	135.9694	7.	38.0	12.	12.00	-5.00	-5.00	-5.00	24.00	-20.00	-15.00	13.00	-10.00	-15.00
468301	58.4967	134.1681	9.	4.0	16.	6.14	-5.00	-5.00	-5.00	16.00	-20.00	-15.00	14.00	-10.00	-15.00
468302	58.3983	134.1731	8.	1.0	2.	2.32	-5.00	-5.00	-5.00	41.00	-20.00	27.00	-5.00	-10.00	-15.00
468303	58.3919	134.0836	7.	2.0	8.	6.75	-5.00	-5.00	-5.00	13.00	-20.00	15.00	-5.00	-10.00	-15.00
468304	58.3911	134.0108	7.	1.0	12.	10.74	-5.00	-5.00	-5.00	27.00	-20.00	17.00	14.00	-10.00	-15.00
468305	58.3878	134.0108	6.	2.0	11.	4.58	-5.00	-5.00	-5.00	44.00	-20.00	41.00	6.00	-10.00	-15.00
468306	58.3539	134.0592	6.	8.0	6.	7.87	-5.00	-5.00	-5.00	35.00	-20.00	90.00	-5.00	-10.00	-15.00
468307	58.2236	134.0561	7.	12.0	8.	2.49	-5.00	-5.00	-5.00	33.00	-20.00	22.00	5.00	-10.00	-15.00
468308	58.2372	134.0544	7.	1.0	2.	5.15	-5.00	-5.00	-5.00	41.00	-20.00	21.00	5.00	-10.00	-15.00
468309	58.2342	134.1119	7.	11.0	4.	2.46	-5.00	-5.00	-5.00	74.00	-20.00	55.00	-5.00	-10.00	-15.00
468310	58.2331	134.0981	7.	13.0	17.	2.50	-5.00	-5.00	-5.00	64.00	-20.00	31.00	-5.00	-10.00	17.00
468311	58.2297	134.1364	7.	13.0	23.	4.40	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468312	58.2219	134.7406	7.	11.0	13.	6.93	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468313	58.2092	134.1767	7.	36.0	3.	2.39	-5.00	-5.00	-5.00	86.00	-20.00	42.00	-5.00	-10.00	-15.00
468314	58.2300	134.2642	7.	22.0	3.	1.77	-5.00	-5.00	-5.00	35.00	-20.00	61.00	-5.00	-10.00	-15.00
468315	58.2194	135.9397	7.	84.0	12.	2.18	-5.00	-5.00	-5.00	53.00	-20.00	37.00	8.00	-10.00	-15.00
468316	58.2472	135.8786	8.	60.0	5.	4.35	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468317	58.2689	135.8325	8.	101.0	5.	2.35	-5.00	-5.00	-5.00	40.00	-20.00	23.00	-5.00	-10.00	-15.00
468318	58.2664	135.7689	8.	22.0	-9999.	2.33	-5.00	-5.00	-5.00	36.00	-20.00	26.00	-5.00	-10.00	-15.00
468319	58.2414	135.7378	8.	29.0	5.	2.58	-5.00	-5.00	-5.00	44.00	-20.00	30.00	-5.00	-10.00	-15.00
468320	58.2336	135.7164	8.	60.0	2.	2.50	-5.00	-5.00	-5.00	37.00	-20.00	21.00	-5.00	-10.00	-15.00
468321	58.1533	135.5314	8.	60.0	15.	2.05	-5.00	-5.00	-5.00	23.00	-20.00	22.00	5.00	-10.00	-15.00
468322	58.1183	135.5239	8.	88.0	11.	1.55	-5.00	-5.00	-5.00	49.00	-20.00	37.00	-5.00	-10.00	-15.00
468323	58.0969	135.5803	8.	37.0	-9999.	2.96	-5.00	-5.00	-5.00	45.00	-20.00	19.00	-5.00	-10.00	-15.00
468324	58.0956	135.5722	8.	52.0	2.	2.90	-5.00	-5.00	-5.00	29.00	-20.00	33.00	-5.00	-10.00	-15.00
468325	58.0692	135.5967	8.	127.0	5.	2.17	-5.00	-5.00	-5.00	47.00	-20.00	20.00	-5.00	-10.00	-15.00
468326	58.0156	135.5592	8.	72.0	10.	2.36	-5.00	-5.00	-5.00	53.00	-20.00	22.00	-5.00	-10.00	-15.00
468327	58.0469	135.5433	8.	96.0	3.	2.51	-5.00	-5.00	-5.00	46.00	-20.00	39.00	-5.00	-10.00	-15.00
468328	58.0489	135.4806	8.	17.0	3.	3.08	-5.00	-5.00	-5.00	26.00	-20.00	-15.00	38.00	-10.00	-15.00
468329	58.0947	135.4003	8.	17.0	8.	3.78	-5.00	-5.00	-5.00	32.00	-20.00	59.00	-5.00	-10.00	-15.00
468330	58.1156	135.3394	8.	101.0	2.	2.35	-5.00	-5.00	-5.00	51.00	-20.00	24.00	-5.00	-10.00	-15.00
468332	58.1353	135.4286	8.	161.0	8.	2.28	-5.00	-5.00	-5.00	52.00	-20.00	34.00	-5.00	-10.00	-15.00
468333	58.1178	135.4531	8.	70.0	11.	2.83	-5.00	-5.00	-5.00	66.00	-20.00	22.00	7.00	-10.00	-15.00
468334	58.0689	135.9047	8.	46.0	2.	2.14	-5.00	-5.00	-5.00	68.00	-20.00	34.00	-5.00	-10.00	-15.00
468335	58.0939	135.8511	8.	7.0	-9999.	2.90	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	-5.00	-10.00	-15.00
468336	58.0956	135.8497	7.	11.0	-9999.	3.03	-5.00	-5.00	-5.00	14.00	-20.00	18.00	-5.00	-10.00	-15.00
468337	58.0453	135.7925	7.	13.0	2.	1.67	-5.00	-5.00	-5.00	31.00	-20.00	15.00	-5.00	-10.00	-15.00
468338	58.0564	135.7628	7.	65.0	3.	2.60	-5.00	-5.00	-5.00	51.00	-20.00	19.00	6.00	-10.00	-15.00
468339	58.0558	135.7367	8.	-9999.0	2.	2.20	-5.00	-5.00	-5.00	33.00	-20.00	25.00	-5.00	-10.00	-15.00
468340	58.0603	135.7122	8.	-9999.0	1.	2.95	-5.00	-5.00	-5.00	35.00	-20.00	-19.00	6.00	-10.00	-15.00
468341	58.0364	135.7075	8.	22.0	2.	2.19	-5.00	-5.00	-5.00	38.00	-20.00	21.00	-5.00	-10.00	-15.00
468342	58.0289	135.6961	7.	6.0	1.	1.81	-5.00	-5.00	-5.00	28.00	-20.00	21.00	-5.00	-10.00	-15.00
468343	58.0006	135.7753	7.	13.0	2.	3.89	-5.00	-5.00	-5.00	25.00	-20.00	-19.00	-5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 3

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	MO PPM	BE PPM	LI PPM	AL PPM	AU PPM	SA PPM	CA PPM	CE PPM	CL PPM	CC PPM
468293	35.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	59860.00	-.11	-314.00	29630.00	44.00	-224.00	44.90
468294	7.00	-5.00	82.00	-9999.00	-9999.00	-9999.00	71200.00	-.11	578.00	35360.00	28.00	-161.00	39.70
468295	41.00	-5.00	446.00	-9999.00	-9999.00	-9999.00	49010.00	-.11	-247.00	45560.00	55.00	-142.00	35.00
468296	13.00	-5.00	246.00	-9999.00	-9999.00	-9999.00	72680.00	-.07	-182.00	38700.00	61.00	-172.00	21.10
468297	6.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	71360.00	-.06	466.00	38960.00	29.00	218.00	11.40
468298	7.00	-5.00	188.00	-9999.00	-9999.00	-9999.00	62210.00	-.08	-215.00	35560.00	49.00	-149.00	16.60
468299	11.00	-5.00	170.00	-9999.00	-9999.00	-9999.00	77150.00	-.09	460.00	29660.00	47.00	-167.00	9.90
468300	23.00	-5.00	158.00	-9999.00	-9999.00	-9999.00	79940.00	-.13	1161.00	32730.00	64.00	-214.00	17.30
468301	-5.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	79470.00	-.04	1207.00	25570.00	55.00	-132.00	-9999.00
468302	14.00	-5.00	128.00	-9999.00	-9999.00	-9999.00	73800.00	-.08	424.00	13360.00	33.00	-134.00	14.00
468303	8.00	-5.00	188.00	-9999.00	-9999.00	-9999.00	72630.00	-.06	1189.00	43260.00	125.00	-157.00	12.50
468304	6.00	-5.00	156.00	-9999.00	-9999.00	-9999.00	76450.00	-.09	1064.00	21100.00	51.00	-162.00	15.60
468305	19.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	77250.00	-.08	1196.00	23010.00	28.00	-170.00	7.00
468306	9.00	-5.00	207.00	-9999.00	-9999.00	-9999.00	56910.00	-.09	652.00	41300.00	67.00	-142.00	27.30
468307	7.00	-5.00	120.00	-9999.00	-9999.00	-9999.00	86580.00	-.07	1022.00	34820.00	43.00	215.00	16.30
468308	11.00	-5.00	162.00	-9999.00	-9999.00	-9999.00	69470.00	-.11	958.00	34800.00	71.00	308.00	21.40
468309	6.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	79200.00	-.06	2092.00	35080.00	41.00	-169.00	22.10
468310	14.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	74910.00	-.11	2096.00	27400.00	48.00	-177.00	24.70
468311	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	61630.00	-.12	2534.00	14240.00	50.00	-118.00	17.00
468312	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	51300.00	-.11	1952.00	15010.00	60.00	-143.00	29.90
468313	31.00	-5.00	81.00	-9999.00	-9999.00	-9999.00	41680.00	-.08	1624.00	12820.00	45.00	-95.00	18.70
468314	12.00	-5.00	257.00	-9999.00	-9999.00	-9999.00	75050.00	-.07	553.00	42810.00	51.00	-168.00	19.40
468315	14.00	-5.00	108.00	-9999.00	-9999.00	-9999.00	63830.00	-.09	-353.00	16720.00	34.00	-214.00	20.30
468316	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	75260.00	-.07	1022.00	14960.00	70.00	-162.00	29.10
468317	18.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	71930.00	-.09	298.00	20910.00	49.00	-152.00	17.10
468318	15.00	-5.00	226.00	-9999.00	-9999.00	-9999.00	65700.00	-.06	941.00	21060.00	36.00	-171.00	8.40
468319	11.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	70610.00	-.08	517.00	8149.00	33.00	-151.00	20.20
468320	14.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	72820.00	-.06	457.00	18610.00	58.00	-161.00	18.60
468321	6.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	36970.00	-.11	-298.00	8243.00	33.00	242.00	-3.10
468322	8.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	77130.00	-.07	365.00	18920.00	46.00	-147.00	17.90
468323	11.00	-5.00	161.00	-9999.00	-9999.00	-9999.00	68160.00	-.07	317.00	5932.00	69.00	-150.00	18.30
468324	7.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	66900.00	-.08	578.00	16950.00	51.00	-234.00	20.40
468325	13.00	-5.00	202.00	-9999.00	-9999.00	-9999.00	70060.00	-.09	-196.00	16940.00	82.00	-135.00	25.60
468326	24.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	73910.00	-.07	417.00	10810.00	22.00	-159.00	10.40
468327	13.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	66230.00	-.07	335.00	28650.00	77.00	-160.00	19.40
468328	8.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	73960.00	-.06	-360.00	-4408.00	103.00	-313.00	20.10
468329	7.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	77090.00	-.09	-193.00	21450.00	89.00	-153.00	23.40
468330	8.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	69710.00	-.07	-212.00	11810.00	21.00	-164.00	9.50
468332	18.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	65970.00	-.08	-193.00	37310.00	30.00	-140.00	15.60
468333	17.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	83180.00	-.07	588.00	25150.00	48.00	-196.00	19.10
468334	24.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	73180.00	-.08	279.00	47340.00	47.00	-142.00	21.50
468335	5.00	-5.00	346.00	-9999.00	-9999.00	-9999.00	61260.00	-.07	-294.00	40710.00	37.00	-151.00	9.20
468336	-5.00	-5.00	335.00	-9999.00	-9999.00	-9999.00	59180.00	-.09	-218.00	35750.00	56.00	-149.00	18.70
468337	18.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	66000.00	-.09	312.00	44320.00	48.00	390.00	22.90
468338	13.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	77880.00	-.09	268.00	15510.00	46.00	-164.00	22.20
468339	11.00	-5.00	128.00	-9999.00	-9999.00	-9999.00	71360.00	-.06	476.00	16420.00	25.00	-158.00	6.20
468340	17.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	63730.00	-.10	-299.00	12110.00	37.00	-163.00	17.60
468341	16.00	-5.00	172.00	-9999.00	-9999.00	-9999.00	73290.00	-.07	503.00	21780.00	45.00	-204.00	20.60
468342	19.00	-5.00	199.00	-9999.00	-9999.00	-9999.00	69130.00	-.09	-263.00	28460.00	36.00	-203.00	19.60
468343	64.00	-5.00	297.00	-9999.00	-9999.00	-9999.00	61700.00	-.06	330.00	13410.00	64.00	-241.00	4.50

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET 5

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	CU PPM	PG PPM	PH PPM	NA PPM	PO PPM
468293	367.00	-2.70	-2.00	1.20	58890.00	4.80	-9069.00	20.00	.40	13820.00	3336.00	16040.00	-40.00
468294	142.00	-2.80	3.00	1.20	77440.00	3.50	10880.00	21.00	-.10	19030.00	1910.00	15470.00	-56.00
468295	78.00	-2.80	4.00	.70	170400.00	13.30	-6023.00	9.00	.30	18330.00	1924.00	10200.00	-71.00
468296	69.00	-1.80	5.00	1.60	70290.00	9.30	8397.00	33.00	.40	20640.00	1363.00	24410.00	-30.00
468297	35.00	-1.60	5.00	.90	39400.00	3.30	9105.00	18.00	.30	16910.00	1263.00	23530.00	-34.00
468298	40.00	-2.10	4.00	1.10	46310.00	6.90	-5095.00	26.00	.30	16170.00	1203.00	21670.00	-48.00
468299	26.00	-1.30	3.00	1.10	39900.00	6.70	-5165.00	24.00	.20	10410.00	1033.00	27670.00	-33.00
468300	37.00	-3.20	3.00	1.90	53880.00	5.60	17580.00	43.00	.20	15910.00	1756.00	22010.00	-72.00
468301	-6.00	-1.00	4.00	.90	12400.00	2.80	21100.00	33.00	.20	3714.00	513.00	31740.00	-21.00
468302	56.00	-1.90	3.00	.90	39630.00	3.60	14250.00	16.00	.30	16550.00	739.00	22890.00	-44.00
468303	103.00	-1.60	7.00	2.10	49500.00	8.70	11830.00	72.00	.40	15190.00	1137.00	23910.00	54.00
468304	73.00	3.60	4.00	1.60	36210.00	6.30	13110.00	30.00	.20	8829.00	1523.00	21690.00	-51.00
468305	78.00	-2.00	4.00	1.00	35130.00	3.00	19590.00	14.00	-.10	18010.00	1008.00	22960.00	-44.00
468306	269.00	-2.20	4.00	1.40	67590.00	6.70	8339.00	42.00	.30	28990.00	1550.00	16030.00	-52.00
468307	65.00	-2.00	4.00	1.50	62770.00	4.30	18380.00	25.00	.20	16280.00	1134.00	22100.00	-49.00
468308	102.00	-2.80	4.00	1.60	47760.00	7.00	18660.00	42.00	.30	19730.00	1322.00	18050.00	-63.00
468309	43.00	-2.20	5.00	.90	39810.00	-1.20	-6288.00	18.00	.30	15140.00	1451.00	20710.00	-47.00
468310	52.00	-2.40	5.00	1.30	48340.00	2.80	-6134.00	26.00	.30	15210.00	1316.00	24660.00	-59.00
468311	86.00	-2.40	4.00	1.50	44820.00	2.90	13730.00	31.00	.20	13840.00	899.00	9056.00	-58.00
468312	103.00	-10.70	6.00	1.30	57410.00	2.60	-6889.00	32.00	.30	12820.00	1307.00	5230.00	-61.00
468313	92.00	-2.00	4.00	1.40	39270.00	3.10	-4265.00	26.00	.20	12260.00	1032.00	6699.00	-44.00
468314	82.00	-1.80	6.00	1.60	49800.00	4.40	-5576.00	30.00	.20	22790.00	1314.00	27060.00	-40.00
468315	45.00	-2.30	4.00	.90	41890.00	3.60	-8949.00	17.00	.20	12140.00	3073.00	16490.00	-52.00
468316	122.00	5.00	6.00	1.90	60910.00	4.80	17680.00	40.00	.30	12860.00	1346.00	16670.00	-46.00
468317	58.00	2.00	4.00	.90	45170.00	4.00	16820.00	22.00	.30	15030.00	1192.00	18670.00	-52.00
468318	53.00	-1.50	3.00	1.00	29630.00	4.60	15930.00	18.00	.20	9229.00	1822.00	21810.00	-33.00
468319	76.00	-1.90	3.00	.80	41820.00	3.30	12570.00	19.00	.20	12320.00	851.00	7750.00	-44.00
468320	95.00	1.80	4.00	1.40	54780.00	4.60	17070.00	34.00	.30	13560.00	1089.00	25400.00	69.00
468321	103.00	-2.70	3.00	1.20	18030.00	3.30	-6970.00	-9.00	-.20	-3142.00	1180.00	11670.00	-61.00
468322	105.00	-1.70	4.00	1.30	43020.00	2.20	12880.00	21.00	.20	15380.00	1475.00	18490.00	-37.00
468323	72.00	-1.90	4.00	1.10	44300.00	3.50	20490.00	31.00	.30	8732.00	1055.00	24690.00	-44.00
468324	124.00	-2.10	3.00	1.30	59420.00	3.90	16290.00	29.00	.20	11100.00	2931.00	19300.00	-53.00
468325	89.00	-2.40	6.00	1.90	75010.00	6.50	20730.00	36.00	.30	10890.00	1395.00	14020.00	-57.00
468326	40.00	-1.60	4.00	.70	28380.00	2.60	12600.00	11.00	.20	16540.00	990.00	26460.00	-39.00
468327	87.00	-1.90	4.00	1.10	50230.00	4.20	18290.00	38.00	.30	17030.00	1260.00	24990.00	101.00
468328	61.00	2.60	3.00	1.20	56010.00	3.90	23120.00	47.00	.30	-5096.00	4509.00	24940.00	109.00
468329	249.00	3.30	3.00	1.50	62760.00	5.00	19630.00	42.00	.30	16790.00	1263.00	21930.00	-51.00
468330	58.00	-1.70	4.00	.70	33390.00	2.20	11820.00	15.00	.20	10320.00	1254.00	24640.00	-38.00
468332	68.00	-2.00	4.00	.80	39980.00	3.40	15680.00	19.00	.20	14100.00	806.00	20560.00	-47.00
468333	89.00	2.70	3.00	1.20	51200.00	3.80	15890.00	29.00	.30	13240.00	1096.00	30020.00	-46.00
468334	60.00	-2.20	3.00	1.10	54770.00	4.00	14850.00	21.00	.30	20020.00	851.00	23020.00	-48.00
468335	39.00	-1.70	6.00	1.10	40580.00	8.30	10490.00	18.00	.30	18060.00	1423.00	20960.00	-35.00
468336	60.00	-2.30	6.00	1.20	53680.00	12.60	-5299.00	28.00	.40	19410.00	1331.00	19730.00	-54.00
468337	49.00	-2.50	6.00	1.80	114200.00	9.70	-6976.00	21.00	.30	23530.00	1874.00	20490.00	-56.00
468338	74.00	-2.20	3.00	1.20	47300.00	3.40	13420.00	21.00	.30	16800.00	1155.00	25600.00	-48.00
468339	42.00	-1.40	3.00	.90	28000.00	2.50	13470.00	16.00	.20	10210.00	1284.00	26720.00	-30.00
468340	56.00	-2.50	5.00	.90	37730.00	3.10	13590.00	-7.00	-.10	9058.00	1741.00	20180.00	-60.00
468341	65.00	-1.90	5.00	1.50	56440.00	5.40	8812.00	22.00	.30	13090.00	1784.00	25620.00	-44.00
468342	57.00	-2.40	3.00	1.20	56710.00	6.00	-7456.00	22.00	.20	14266.00	2208.00	24950.00	-54.00
468343	28.00	-1.40	7.00	1.20	51590.00	7.23	13740.00	29.00	.30	6901.00	3142.00	27510.00	-36.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 5

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	TS PPM	ZN PPM	TH/U RATIO
468293	-3.00	23.60	3.10	-664.00	-2.00	-1.00	4.00	2444.00	203.00	-2.10	-69.00	2.48100
468294	-3.00	30.10	2.80	-476.00	-2.00	-1.00	2.50	4168.00	266.00	-2.30	-70.00	2.00000
468295	-3.00	27.40	2.60	-466.00	-2.00	-1.00	-1.60	11880.00	929.00	2.88	-74.00	0.00000
468296	-2.00	23.80	3.80	-358.00	-1.00	1.00	4.50	5967.00	183.00	5.78	-49.00	1.90800
468297	-2.00	14.80	3.20	-362.00	-1.00	2.00	3.00	5916.00	146.00	-1.40	-38.00	1.37000
468298	-2.00	17.80	3.50	-389.00	-1.00	-1.00	3.90	4781.00	131.00	3.90	156.00	1.76400
468299	-1.00	11.40	3.80	-323.00	-1.00	-1.00	3.10	2287.00	86.00	-1.00	63.00	1.65800
468300	-4.50	17.10	6.40	-595.00	-3.00	-1.00	9.40	4000.00	152.00	-3.00	206.00	.78300
468301	-1.00	6.90	4.80	-263.00	-1.00	-1.00	11.90	2447.00	40.00	2.50	-27.00	1.93800
468302	-2.00	15.80	2.40	-324.00	-1.00	1.00	4.10	4447.00	127.00	3.00	-52.00	1.62600
468303	-2.00	20.40	9.60	655.00	-1.00	-1.00	20.30	3651.00	133.00	9.00	-20.00	3.00300
468304	-3.00	11.20	4.20	-488.00	-1.00	-1.00	10.00	3689.00	95.00	-2.10	-86.00	.93100
468305	-2.00	12.60	2.50	-412.00	-1.00	-1.00	5.60	4752.00	145.00	-1.90	-51.00	1.22200
468306	-3.00	21.00	4.50	-413.00	-1.00	-1.00	10.60	523.00	192.00	-1.88	-63.00	1.34800
468307	-2.00	22.20	4.90	-360.00	-2.00	-1.00	9.20	4718.00	178.00	2.40	127.00	2.08800
468308	-3.00	17.20	6.10	-472.00	-2.00	-1.00	7.40	4864.00	146.00	3.00	-53.00	1.43700
468309	-2.00	16.40	3.00	-455.00	-1.00	-1.00	9.70	5801.00	200.00	-1.70	-53.00	1.50400
468310	-3.00	17.50	4.30	-469.00	-1.00	-1.00	6.40	4943.00	160.00	-2.20	176.00	2.55800
468311	-3.00	14.40	2.50	-391.00	-1.00	-1.00	7.00	4322.00	204.00	-2.40	266.00	1.59000
468312	12.00	12.30	5.20	-471.00	-2.00	-1.00	6.48	3569.00	241.00	-2.20	1136.00	.92300
468313	-2.00	15.50	4.20	-316.00	-1.00	-1.00	4.80	4478.00	124.00	1.20	97.00	2.00800
468314	-2.00	15.30	4.80	-403.00	2.00	-1.00	2.60	14980.00	159.00	2.00	-47.00	1.46800
468315	-3.00	14.30	2.10	-680.00	-1.00	-1.00	9.10	3292.00	124.00	2.80	174.00	1.42200
468316	4.00	21.20	6.60	-381.00	-2.00	-1.00	8.70	4069.00	215.00	4.10	231.00	2.00000
468317	-3.00	16.70	4.50	-401.00	-1.00	-1.00	9.40	2472.00	132.00	-2.60	-58.00	2.29900
468318	-2.00	10.50	2.50	-446.00	-1.00	-1.00	3.70	4322.00	121.00	-1.40	-48.00	1.58700
468319	-2.00	14.80	2.40	-354.00	-1.00	-1.00	3.40	4581.00	140.00	1.80	-52.00	1.31800
468320	-2.00	15.00	5.40	-321.00	-1.00	-1.00	5.50	5321.00	153.00	2.80	105.00	2.19800
468321	-3.00	7.00	2.10	-540.00	-3.00	-1.00	3.90	1604.00	97.00	-2.50	189.00	1.90100
468322	-2.00	13.20	3.10	-391.00	-1.00	-1.00	2.00	6651.00	198.00	-1.40	-41.00	1.29000
468323	-2.00	11.70	3.60	-371.00	-1.00	-1.00	4.20	6873.00	121.00	2.70	89.00	1.41800
468324	-2.00	15.40	5.20	-624.00	3.00	-1.00	4.20	5609.00	142.00	-1.78	100.00	1.44900
468325	-3.00	17.90	6.60	-392.00	-1.00	-1.00	4.40	9025.00	172.00	2.90	121.00	2.02800
468326	-2.00	10.90	1.90	-370.00	-1.00	-1.00	2.70	3653.00	122.00	-1.40	-77.00	1.14400
468327	-2.00	11.50	3.40	-411.00	2.00	-1.00	4.90	5909.00	119.00	3.40	-54.00	1.95300
468328	-2.00	8.90	5.30	-753.00	-1.00	-1.00	6.60	-9999.00	90.00	2.70	117.00	2.14100
468329	-3.00	17.90	4.20	-380.00	-1.00	-1.00	4.70	5193.00	153.00	-1.90	117.00	1.24400
468330	-2.00	11.50	2.10	-411.00	-1.00	-1.00	2.70	4258.00	144.00	-1.68	-55.00	1.14900
468332	-2.00	14.10	2.10	-348.00	-2.00	-1.00	3.70	4461.00	139.00	2.20	88.00	1.62300
468333	-2.00	17.70	4.00	693.00	-1.00	-1.00	4.90	3901.00	169.00	3.10	80.00	1.69500
468334	-2.00	20.50	3.00	-378.00	-2.00	1.00	4.20	3381.00	166.00	3.10	113.00	1.96100
468335	-2.00	16.90	4.00	-375.00	-1.00	-1.00	4.20	4525.00	159.00	3.20	-48.00	1.44900
468336	-3.00	22.10	4.50	-410.00	-1.00	1.00	9.10	4573.00	160.00	3.70	-63.00	1.68400
468337	-3.00	33.30	5.80	-455.00	-2.00	-2.00	-1.30	7000.00	700.00	4.00	-68.00	0.00000
468338	-3.00	18.50	3.70	-387.00	-1.00	-1.00	4.30	3097.00	144.00	-1.80	-126.00	1.65100
468339	-2.00	9.20	2.40	-377.00	-1.00	-1.00	9.10	3938.00	105.00	2.20	-57.00	1.40800
468340	-3.00	13.30	2.20	-523.00	-2.00	-1.00	2.90	3821.00	112.00	-2.20	-72.00	.98100
468341	-2.00	17.30	5.90	-460.00	2.00	-1.00	4.20	3992.00	137.00	-1.70	77.00	1.75700
468342	-3.00	17.80	3.60	-536.00	-1.00	-1.00	4.30	4333.00	162.00	3.10	-144.00	2.37500
468343	-2.00	5.90	4.70	-618.00	2.00	1.00	5.10	3387.00	69.00	4.20	-80.00	1.31100

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 6

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBium PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
468344	58.1169	135.7281	8.	37.0	4.	3.32	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468345	58.1500	135.7086	7.	1.0	-9999.	1.39	-5.00	-5.00	-5.00	19.00	-20.00	-15.00	-5.00	-10.00	-15.00
468346	58.1031	135.3314	7.	60.0	6.	2.41	-5.00	-5.00	-5.00	28.00	-20.00	21.00	-5.00	-10.00	-15.00
468347	58.0806	135.3003	7.	46.0	3.	3.27	-5.00	-5.00	-5.00	61.00	-20.00	60.00	-5.00	-10.00	-15.00
468348	58.0886	135.2708	7.	35.0	3.	3.29	-5.00	-5.00	-5.00	24.00	-20.00	16.00	-5.00	-10.00	-15.00
468349	58.0869	135.1919	7.	37.0	17.	2.41	-5.00	-5.00	-5.00	40.00	-20.00	-15.00	-5.00	-10.00	-15.00
468350	58.0642	135.1331	7.	42.0	9.	2.59	-5.00	-5.00	-5.00	28.00	-20.00	29.00	-5.00	-10.00	-15.00
468351	58.0653	135.1333	7.	156.0	-9999.	2.70	-5.00	-5.00	-5.00	30.00	-20.00	23.00	-5.00	-10.00	-15.00
468352	58.0564	135.0992	7.	93.0	6.	2.73	-5.00	-5.00	-5.00	31.00	-20.00	36.00	-5.00	-10.00	-15.00
468353	58.0572	135.0706	7.	47.0	9.	2.72	-5.00	-5.00	-5.00	38.00	-20.00	26.00	6.00	-10.00	-15.00
468354	58.7911	135.0767	7.	43.0	3.	4.74	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468355	58.8597	135.1436	7.	55.0	3.	2.58	-5.00	-5.00	-5.00	49.00	-20.00	35.00	-5.00	-10.00	-15.00
468356	58.8694	135.1394	7.	30.0	2.	1.95	-5.00	-5.00	-5.00	108.00	-20.00	34.00	6.00	-10.00	-15.00
468357	58.8969	135.1464	7.	15.0	-9999.	3.99	-5.00	-5.00	-5.00	114.00	-20.00	30.00	-5.00	-10.00	-15.00
468358	58.9069	135.1531	7.	9.0	8.	3.76	-5.00	-5.00	-5.00	118.00	-20.00	27.00	-5.00	-10.00	-15.00
468359	58.9233	135.1653	7.	9.0	8.	3.22	-5.00	-5.00	-5.00	25.00	-20.00	-12.00	-5.00	-10.00	-15.00
468360	58.9608	135.1717	7.	54.0	16.	2.19	-5.00	-5.00	-5.00	94.00	-20.00	40.00	-5.00	-10.00	-15.00
468361	58.7911	135.0319	8.	94.0	11.	3.48	-5.00	-5.00	-5.00	76.00	-20.00	60.00	1.00	-10.00	-15.00
468362	58.8242	135.0008	8.	34.0	3.	2.60	-5.00	-5.00	-5.00	129.00	-20.00	35.00	5.00	-10.00	-15.00
468363	58.8372	135.0403	7.	8.0	2.	1.49	-5.00	-5.00	-5.00	38.00	-20.00	15.00	-5.00	-10.00	-15.00
468364	58.9239	135.0314	6.	2.0	6.	1.24	-5.00	-5.00	-5.00	179.00	-20.00	55.00	-5.00	-10.00	-15.00
468365	58.9494	135.0381	6.	2.0	2.	3.08	-5.00	-5.00	-5.00	43.00	-20.00	21.00	-5.00	-10.00	-15.00
468366	58.9847	135.0436	6.	3.0	12.	9.97	-5.00	7.00	-5.00	46.00	-20.00	36.00	-5.00	-10.00	-15.00
468367	58.8997	134.9336	6.	1.0	2.	3.37	-5.00	-5.00	-5.00	47.00	-20.00	41.00	9.00	-10.00	-15.00
468368	58.9239	134.9380	6.	1.0	6.	3.70	-5.00	-5.00	-5.00	19.00	-20.00	19.00	10.00	-10.00	-15.00
468369	58.9544	134.9478	7.	2.0	-9999.	3.08	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468370	58.9758	134.9458	7.	7.0	12.	3.64	-5.00	-5.00	-5.00	26.00	-20.00	59.00	11.00	-10.00	-15.00
468371	58.9411	134.8549	7.	8.0	12.	9.56	-5.00	-5.00	-5.00	49.00	-20.00	26.00	6.00	-10.00	-15.00
468372	58.9253	134.8381	7.	2.0	12.	1.88	-5.00	-5.00	-5.00	36.00	-20.00	-15.00	-5.00	-10.00	-15.00
468373	58.9142	134.7358	6.	2.0	-9999.	9.13	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	14.00	-10.00	-15.00
468374	58.9158	134.7317	7.	11.0	22.	3.11	-5.00	-5.00	-5.00	15.00	-20.00	19.00	-5.00	-10.00	-15.00
468375	58.8881	134.8875	8.	2.0	4.	4.84	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	15.00	-10.00	-15.00
468376	58.8706	134.8933	7.	3.0	6.	6.51	-5.00	-5.00	-5.00	15.00	-20.00	-19.00	6.00	-10.00	-15.00
468377	58.8467	134.8125	7.	3.0	35.	5.57	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	11.00	-10.00	-15.00
468378	58.8531	134.7903	7.	3.0	11.	2.46	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	13.00	-10.00	-15.00
468379	58.8531	134.7486	6.	2.0	3.	2.85	-5.00	-5.00	-5.00	13.00	-20.00	-15.00	9.00	-10.00	-15.00
468380	58.8669	134.7094	7.	2.0	11.	4.40	-5.00	-5.00	-5.00	-10.00	-20.00	-15.00	-5.00	-10.00	-15.00
468381	58.8433	134.6961	6.	3.0	23.	1.64	-5.00	-5.00	-5.00	10.00	-20.00	-15.00	-5.00	-10.00	-15.00
468382	58.7958	134.8169	7.	6.0	16.	8.64	-5.00	-5.00	-5.00	23.00	-20.00	34.00	-5.00	-10.00	-15.00
468383	58.7581	134.7542	7.	1.0	8.	5.29	-5.00	-5.00	-5.00	34.00	-20.00	28.00	-5.00	-10.00	-15.00
468384	58.7667	134.7142	7.	9.0	8.	2.68	-5.00	-5.00	-5.00	43.00	-20.00	27.00	-5.00	-10.00	-15.00
468385	58.7775	134.6500	7.	6.0	8.	2.57	-5.00	-5.00	-5.00	32.00	-20.00	47.00	-5.00	-10.00	-15.00
468386	58.9903	135.3997	7.	47.0	13.	2.26	-5.00	-5.00	-5.00	115.00	-20.00	29.00	-5.00	-10.00	-15.00
468387	58.9864	135.4458	8.	25.0	9.	2.10	-5.00	-5.00	-5.00	112.00	-20.00	23.00	-5.00	-10.00	-15.00
468388	58.9967	135.4503	7.	39.0	9.	2.03	-5.00	-5.00	-5.00	100.00	-20.00	25.00	-5.00	-10.00	-15.00
468389	58.9611	135.3931	7.	32.0	-9999.	5.41	-5.00	-5.00	-5.00	83.00	-20.00	-15.00	-5.00	-10.00	-15.00
468390	58.9239	135.3778	7.	60.0	15.	3.22	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468391	58.9125	135.4256	7.	63.0	2.	2.96	-5.00	-5.00	-5.00	103.00	-20.00	43.00	-5.00	-10.00	-15.00
468392	58.9150	135.4686	8.	34.0	6.	1.93	-5.00	-5.00	-5.00	109.00	-20.00	31.00	-5.00	-10.00	-15.00
468393	58.9346	135.4878	9.	32.0	9.	2.36	-5.00	-5.00	-5.00	99.00	-20.00	32.00	5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 4

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	NO PPM	BE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468344	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	73940.00	-0.09	-259.00	8262.00	53.00	-198.00	19.70
468345	-5.00	-5.00	68.00	-9999.00	-9999.00	-9999.00	35550.00	-0.09	-260.00	-2335.00	30.00	926.00	-1.10
468346	12.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	93870.00	-0.10	-238.00	76800.00	39.00	-175.00	10.70
468347	32.00	-5.00	105.00	-9999.00	-9999.00	-9999.00	70110.00	-0.06	640.00	28000.00	28.00	-101.00	6.10
468348	14.00	-5.00	147.00	-9999.00	-9999.00	-9999.00	73870.00	-0.06	297.00	14420.00	57.00	-168.00	14.80
468349	15.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	70350.00	-0.09	277.00	18060.00	41.00	-162.00	17.10
468350	12.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	69230.00	-0.09	-254.00	14310.00	51.00	-163.00	18.00
468351	14.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	83350.00	-0.06	366.00	9826.00	39.00	-172.00	16.20
468352	21.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	72750.00	-0.09	-207.00	10310.00	56.00	-241.00	21.70
468353	14.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	78290.00	-0.06	576.00	7995.00	25.00	-151.00	9.70
468354	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	60690.00	-0.09	323.00	25700.00	49.00	982.00	17.40
468355	30.00	-5.00	151.00	-9999.00	-9999.00	-9999.00	77730.00	-0.06	58.00	19490.00	50.00	-155.00	26.90
468356	38.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	71420.00	-0.10	554.00	20290.00	41.00	-152.00	7.30
468357	15.00	-5.00	149.00	-9999.00	-9999.00	-9999.00	63290.00	-0.07	556.00	47790.00	27.00	-130.00	17.40
468358	13.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	67350.00	-0.09	934.00	37180.00	33.00	-142.00	23.20
468359	10.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	71800.00	-0.04	2152.00	38920.00	53.00	-156.00	11.30
468360	18.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	67370.00	-0.11	-230.00	31130.00	29.00	232.00	21.90
468361	20.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	71910.00	-0.07	1113.00	8267.00	45.00	-160.00	13.30
468362	27.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	86250.00	0.21	532.00	26430.00	29.00	-161.00	20.10
468363	17.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	71900.00	-0.08	458.00	27450.00	30.00	-193.00	10.10
468364	6.00	-5.00	154.00	-9999.00	-9999.00	-9999.00	67150.00	-0.10	-186.00	51390.00	31.00	-156.00	39.70
468365	7.00	-5.00	314.00	-9999.00	-9999.00	-9999.00	69310.00	-0.06	705.00	48990.00	34.00	-137.00	11.30
468366	46.00	-5.00	522.00	-9999.00	-9999.00	-9999.00	51560.00	-0.08	421.00	32480.00	276.00	-164.00	16.40
468367	29.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	80130.00	-0.06	719.00	21090.00	49.00	-110.00	14.40
468368	-5.00	-5.00	233.00	-9999.00	-9999.00	-9999.00	73340.00	-0.08	1480.00	37810.00	104.00	-146.00	8.40
468369	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	72750.00	-0.06	1191.00	38150.00	72.00	-133.00	4.30
468370	-5.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	70110.00	-0.07	1308.00	32990.00	46.00	-131.00	12.50
468371	5.00	-5.00	160.00	-9999.00	-9999.00	-9999.00	49080.00	-0.03	1543.00	19400.00	173.00	-100.00	7.40
468372	6.00	-5.00	116.00	-9999.00	-9999.00	-9999.00	57870.00	-0.06	2002.00	32660.00	46.00	-122.00	6.20
468373	7.00	-5.00	289.00	-9999.00	-9999.00	-9999.00	82610.00	-0.06	1815.00	26660.00	57.00	-166.00	-9999.00
468374	5.00	-5.00	321.00	-9999.00	-9999.00	-9999.00	56580.00	-0.07	645.00	56320.00	71.00	-141.00	12.00
468375	-5.00	-5.00	266.00	-9999.00	-9999.00	-9999.00	86030.00	-0.06	1285.00	21880.00	59.00	256.00	-9999.00
468376	10.00	-5.00	238.00	-9999.00	-9999.00	-9999.00	76130.00	-0.11	1337.00	25870.00	62.00	-181.00	8.90
468377	-5.00	-5.00	332.00	-9999.00	-9999.00	-9999.00	73060.00	-0.09	1449.00	28200.00	100.00	-131.00	-9999.00
468378	-5.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	73000.00	-0.06	1318.00	25230.00	54.00	-138.00	3.30
468379	-5.00	-5.00	234.00	-9999.00	-9999.00	-9999.00	74670.00	-0.05	983.00	40730.00	124.00	-156.00	6.70
468380	6.00	-5.00	245.00	-9999.00	-9999.00	-9999.00	77230.00	-0.08	939.00	36870.00	74.00	-155.00	9.70
468381	-5.00	-5.00	327.00	-9999.00	-9999.00	-9999.00	74530.00	-0.05	862.00	44640.00	71.00	-134.00	2.40
468382	8.00	-5.00	423.00	-9999.00	-9999.00	-9999.00	63740.00	-0.09	936.00	33060.00	109.00	-153.00	12.70
468383	8.00	-5.00	495.00	-9999.00	-9999.00	-9999.00	77500.00	-0.07	1357.00	43500.00	107.00	-166.00	17.00
468384	12.00	-5.00	158.00	-9999.00	-9999.00	-9999.00	61950.00	-0.09	444.00	23510.00	55.00	-174.00	21.10
468385	7.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	65480.00	-0.05	1085.00	41300.00	43.00	-116.00	8.60
468386	31.00	-5.00	95.00	-9999.00	-9999.00	-9999.00	37530.00	-0.08	-196.00	39960.00	27.00	-144.00	20.00
468387	31.00	-5.00	92.00	-9999.00	-9999.00	-9999.00	66560.00	-0.07	544.00	42530.00	36.00	-158.00	24.10
468388	20.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	57500.00	-0.08	259.00	39430.00	41.00	-136.00	21.70
468389	40.00	-5.00	225.00	-9999.00	-9999.00	-9999.00	65790.00	-0.06	330.00	21080.00	36.00	-152.00	10.40
468390	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	71980.00	-0.09	930.00	16460.00	23.60	-170.00	19.10
468391	57.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	62210.00	-0.10	548.00	59510.00	49.00	-158.00	30.40
468392	17.00	-5.00	92.00	-9999.00	-9999.00	-9999.00	68480.00	-0.09	-169.00	35470.00	45.00	-148.00	23.30
468393	31.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	54560.00	-0.06	683.00	65270.00	24.00	-129.00	13.60

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET

6

SAMPLE NO.	CR PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LU PPM	MG PPM	NI PPM	NA PPM	SS PPM
468344	70.00	-2.30	3.00	1.00	40960.00	4.40	11940.00	27.00	.30	7963.00	1048.00	36200.00	-53.00
468345	38.00	-2.20	-2.00	.80	12550.00	2.50	-3210.00	-12.00	-.10	6256.00	201.00	11910.00	-55.00
468346	64.00	-2.60	3.00	1.20	36410.00	3.00	12700.00	17.00	.20	12190.00	907.00	10550.00	-59.00
468347	32.00	3.60	-4.60	.70	27880.00	2.40	17120.00	14.00	.20	22650.00	480.00	11460.00	-34.00
468348	114.00	1.60	3.00	1.40	46980.00	3.40	14480.00	30.00	.30	12730.00	988.00	27420.00	-39.00
468349	62.00	3.20	3.00	1.10	48850.00	3.00	15710.00	24.00	.30	10330.00	940.00	23700.00	-48.00
468350	101.00	-2.40	4.60	1.30	35340.00	4.40	18740.00	29.00	.20	11380.00	1403.00	10450.00	-60.00
468351	74.00	-1.70	3.70	1.00	30490.00	4.10	14410.00	20.00	.30	10610.00	1062.00	20310.00	56.00
468352	86.00	4.20	4.00	1.20	35210.00	4.10	11790.00	24.00	.30	15130.00	1427.00	20340.00	-55.00
468353	50.00	-1.60	3.00	.80	35100.00	2.30	18170.00	14.00	.20	12800.00	1348.00	21500.00	-35.00
468354	100.00	-2.50	4.00	1.20	34700.00	4.70	-6232.00	23.00	.30	12480.00	1548.00	20190.00	-55.00
468355	90.00	2.50	4.00	1.60	35260.00	3.70	17410.00	24.00	.30	12830.00	1175.00	21340.00	-39.00
468356	86.00	-2.60	4.00	1.40	65410.00	3.00	11960.00	19.00	.40	10380.00	1338.00	10670.00	-36.00
468357	79.00	-1.80	3.00	1.20	30230.00	11.30	-4818.00	17.00	.30	22090.00	1322.00	10980.00	-36.00
468358	76.00	-2.50	4.00	1.30	39410.00	3.10	11840.00	22.00	.30	19640.00	1190.00	17980.00	-57.00
468359	56.00	-1.70	5.00	1.80	44950.00	7.10	11000.00	28.00	.30	11200.00	887.00	23380.00	-37.00
468360	145.00	3.40	2.00	.80	47180.00	4.70	14330.00	17.00	.10	12200.00	1194.00	12270.00	-64.00
468361	60.00	4.40	4.00	1.10	35790.00	3.40	16190.00	19.00	.20	9677.00	1086.00	17630.00	-26.00
468362	76.00	-2.40	4.00	.90	67420.00	3.70	14760.00	18.00	.20	14410.00	1302.00	19600.00	-57.00
468363	81.00	-2.30	3.00	1.20	49520.00	6.10	10630.00	14.00	.40	11580.00	858.00	22130.00	-51.00
468364	175.00	-2.70	4.00	1.40	84910.00	3.30	-3211.00	14.00	.30	24470.00	1344.00	22360.00	-56.00
468365	68.00	-1.70	3.00	1.30	40690.00	8.10	-4374.00	21.00	.20	15530.00	1030.00	23150.00	-32.00
468366	92.00	-2.00	11.00	1.70	43980.00	13.20	-6674.00	134.00	.70	8600.00	2467.00	11210.00	-47.00
468367	98.00	3.00	3.00	1.10	40320.00	4.70	26570.00	30.00	.30	16780.00	401.00	23630.00	106.00
468368	40.00	-2.10	3.00	2.10	41710.00	9.30	14290.00	38.00	.20	10570.00	804.00	21440.00	-46.00
468369	18.00	-1.40	6.00	1.30	30660.00	5.90	11770.00	38.00	.20	9576.00	982.00	20550.00	-28.00
468370	83.00	-1.60	3.00	1.20	34260.00	3.60	14950.00	23.00	.10	15890.00	700.00	20430.00	-44.00
468371	40.00	.80	9.00	1.70	20080.00	4.70	13830.00	99.00	.30	3500.00	688.00	14060.00	-23.00
468372	44.00	-1.40	3.00	1.40	21370.00	3.60	12070.00	25.00	.20	6631.00	670.00	21490.00	-31.00
468373	9.00	1.40	3.00	1.00	21140.00	7.40	20750.00	32.00	.30	6077.00	677.00	32910.00	58.00
468374	35.00	-1.90	3.00	1.40	31110.00	9.00	8180.00	36.00	.30	15740.00	1269.00	19880.00	-43.00
468375	23.00	-1.50	4.00	1.00	16410.00	11.30	14300.00	33.00	.30	4404.00	446.00	26990.00	-33.00
468376	16.00	2.30	4.00	1.60	38940.00	8.00	19670.00	26.00	-.20	11890.00	1146.00	18010.00	-72.00
468377	-8.00	-1.20	5.00	1.40	18530.00	11.00	11860.00	38.00	.20	4043.00	576.00	26360.00	-26.00
468378	-9.00	-1.50	3.00	1.00	20930.00	3.90	16470.00	33.00	.20	6603.00	531.00	27830.00	-34.00
468379	28.00	-1.40	3.00	1.70	34880.00	10.70	12060.00	70.00	.30	9461.00	918.00	27940.00	-29.00
468380	34.00	-2.00	4.00	1.20	41040.00	10.10	12440.00	37.00	.40	9321.00	854.00	27420.00	-43.00
468382	89.00	-2.30	6.00	1.30	23920.00	8.30	3028.00	40.00	.30	7933.00	910.00	25820.00	-26.00
468383	66.00	-1.90	7.00	1.50	37590.00	15.00	14370.00	55.00	.40	12900.00	1074.00	19690.00	-56.00
468384	109.00	-2.40	4.00	1.10	70250.00	20.20	12710.00	37.00	.30	15300.00	1303.00	19400.00	50.00
468385	99.00	-1.40	3.00	.90	40130.00	3.40	-6436.00	426.00	.20	9162.00	1750.00	20300.00	-52.00
468386	33.00	-2.20	4.00	1.00	26880.00	3.00	11710.00	423.00	.20	17560.00	752.00	17650.00	-27.00
468387	65.00	-1.90	3.00	1.00	47560.00	2.20	6542.00	216.00	.30	11300.00	1145.00	21720.00	-48.00
468388	57.00	-2.10	3.00	1.30	37740.00	2.30	8670.00	220.00	.40	12660.00	1160.00	24190.00	-39.00
468389	29.00	-1.60	4.00	1.00	48220.00	-1.30	-4393.00	421.00	.30	13550.00	999.00	27020.00	-42.00
468390	43.00	-2.40	3.00	.90	34660.00	6.30	12260.00	223.00	.20	10410.00	1384.00	24490.00	-32.00
468391	127.00	-1.70	3.00	1.20	44340.00	4.20	14460.00	419.00	.20	13890.00	1176.00	24760.00	-58.00
468392	84.00	-2.40	3.00	1.50	59840.00	1.90	9414.00	425.00	.30	14180.00	1170.00	22340.00	-40.00
468393	83.00	-1.40	4.00	1.10	61430.00	-1.30	9119.00	416.00	.40	15040.00	1050.00	25670.00	-49.00
				.90	31040.00	1.70	10960.00	416.00	.20	17500.00	1079.00	19980.00	-29.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 6

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	VB PPM	ZN PPM	TH/ZU RATIO
468344	-3.00	13.30	3.20	-461.00	-1.00	-1.00	5.20	5147.00	148.00	-1.90	-66.00	1.56700
468345	-2.00	5.90	2.60	-366.00	-3.00	-1.00	3.00	3280.00	42.00	-2.10	-72.00	2.16000
468346	-3.00	10.80	3.10	-438.00	-2.00	-1.00	3.20	3033.00	108.00	-2.40	-133.00	1.32800
468347	-2.00	9.90	2.30	-231.00	-1.00	-1.00	3.60	3952.00	183.00	2.20	-42.00	.66300
468348	-2.00	14.50	5.00	-307.00	-1.00	-1.00	4.60	5116.00	133.00	2.20	70.00	1.39900
468349	-2.00	14.30	3.40	-383.00	-2.00	-1.00	4.30	4380.00	134.00	3.70	99.00	1.78600
468350	-3.00	13.40	3.40	-475.00	-2.00	-1.00	3.90	6624.00	135.00	2.70	-87.00	1.50600
468351	-2.00	15.00	3.90	-337.00	-1.00	-1.00	4.90	5145.00	151.00	2.30	64.00	1.81500
468352	-3.00	16.80	3.60	-414.00	-2.00	-1.00	4.90	5140.00	146.00	-2.20	115.00	1.79500
468353	-2.00	10.90	1.90	-381.00	-1.00	-1.00	3.40	4248.00	133.00	-1.70	-43.00	1.25000
468354	-2.00	12.50	3.60	-483.00	-2.00	-1.00	6.90	5516.00	126.00	-2.10	120.00	1.37200
468355	-2.00	20.50	5.10	-413.00	-1.00	-1.00	5.60	5015.00	184.00	3.70	127.00	2.16900
468356	-3.00	25.90	3.60	-596.00	-2.00	-1.00	4.60	5098.00	222.00	3.00	207.00	2.35800
468357	-2.00	23.70	3.50	-347.00	-1.00	-1.00	7.10	8675.00	234.00	2.40	-44.00	1.77900
468358	-3.00	21.00	3.60	-394.00	-1.00	-1.00	5.10	7259.00	171.00	-2.10	165.00	1.35700
468359	-2.00	19.40	6.00	515.00	-1.00	-1.00	6.40	5428.00	131.00	3.10	-11.00	1.98600
468360	-3.00	14.80	3.60	-444.00	-2.00	-1.00	3.90	3794.00	132.00	-2.30	-71.00	1.77900
468361	-2.00	12.70	3.30	-446.00	-1.00	-1.00	3.60	5692.00	175.00	2.90	117.00	1.03400
468362	-3.00	16.00	3.20	-446.00	-2.00	-1.00	3.30	6159.00	169.00	-2.10	-69.00	1.22700
468363	-2.00	20.80	3.20	-384.00	-2.00	-1.00	2.20	6702.00	195.00	-1.70	106.00	1.47700
468364	-3.00	37.10	3.20	-375.00	-2.00	-1.00	-1.60	7076.00	265.00	3.30	-61.00	0.00000
468365	-2.00	19.40	3.70	-318.00	-1.00	-1.00	4.60	8028.00	171.00	-1.30	-41.00	1.49300
468366	-2.00	17.90	16.60	-509.00	-2.00	3.00	46.90	5063.00	86.00	9.10	-56.00	4.69500
468367	3.00	16.90	4.90	-219.00	-1.00	-1.00	6.80	3860.00	170.00	3.20	128.00	2.01600
468368	-2.00	13.40	10.20	-340.00	-1.00	-1.00	12.90	3867.00	76.00	2.60	-79.00	3.48400
468369	-2.00	12.50	4.90	739.00	-1.00	-1.00	8.60	4702.00	103.00	3.20	-36.00	2.79300
468370	-2.00	10.40	2.90	-316.00	-1.00	-1.00	7.00	4232.00	97.00	-1.60	155.00	1.42300
468371	-1.00	4.10	15.70	-220.00	2.00	1.00	37.80	4604.00	70.00	5.70	104.00	3.95300
468372	-2.00	10.30	2.80	488.00	-1.00	-1.00	5.40	1798.00	72.00	1.70	-39.00	2.87400
468373	-1.00	4.80	4.20	809.00	-1.00	-1.00	13.00	3024.00	50.00	2.50	99.00	1.42500
468374	-2.00	19.90	4.10	-361.00	-1.00	1.00	6.40	9223.00	169.00	3.10	-32.00	2.05600
468375	-2.00	9.40	5.20	-298.00	-1.00	-1.00	11.10	3281.00	44.00	2.70	56.00	2.29400
468376	-3.00	12.40	3.80	-492.00	-2.00	-1.00	8.00	5137.00	100.00	-2.70	-86.00	1.22900
468377	-1.00	6.60	5.30	528.00	-1.00	-1.00	17.10	2135.00	50.00	2.20	-32.00	3.06700
468378	-2.00	8.00	3.30	565.00	-1.00	-1.00	8.30	1522.00	49.00	2.50	56.00	3.37800
468379	-1.00	15.00	9.20	596.00	-1.00	-1.00	15.30	3171.00	85.00	3.90	68.00	5.37600
468380	-2.00	14.20	6.90	428.00	-1.00	-1.00	8.30	4633.00	108.00	2.60	-24.00	1.88700
468381	-1.00	13.60	4.90	544.00	-1.00	-1.00	7.80	3146.00	81.00	3.30	-31.00	4.76200
468382	-3.00	14.40	5.90	-400.00	-1.00	-2.00	20.40	4800.00	193.00	4.90	133.00	2.35800
468383	-2.00	19.80	10.80	-369.00	-2.00	-1.00	14.20	6701.00	187.00	5.20	183.00	2.68100
468384	-3.00	17.70	3.80	-469.00	-2.00	-1.00	5.50	3151.00	155.00	2.40	123.00	2.05300
468385	-2.00	12.90	3.20	-270.00	-1.00	-1.00	6.50	2643.00	98.00	-1.60	-35.00	2.53200
468386	-2.00	22.70	2.20	-364.00	-2.00	-1.00	3.60	4433.00	191.00	2.60	-58.00	1.59200
468387	-2.00	29.80	4.40	-319.00	-1.00	1.00	3.40	4023.00	191.00	2.90	-43.00	1.81600
468388	-2.00	23.50	3.60	-316.00	-1.00	1.00	3.10	3230.00	167.00	2.50	-50.00	1.52700
468389	-2.00	15.40	2.90	426.00	-1.00	-1.00	7.60	5096.00	137.00	-1.70	-41.00	1.40400
468390	-3.00	17.60	2.70	-443.00	-2.00	-1.00	5.60	4111.00	170.00	2.50	217.00	1.73900
468391	3.00	24.20	5.10	461.00	-1.00	-1.00	4.7	4172.00	218.00	3.20	282.00	1.55500
468392	-3.00	30.90	3.40	-336.00	-2.00	-1.00	2.50	3670.00	200.00	2.80	-54.00	1.29500
468393	1.00	14.70	2.70	-316.00	-1.00	-1.00	2.20	4671.00	202.00	2.50	137.00	.93200

JUNEAU STREAM SEDIMENT

PG. ONE - SAMPLE SET 7

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	TUNGSTEN PPM
468394	58.9350	135.4858	8.	72.0	9.	2.45	-5.00	-5.00	-5.00	103.00	-20.00	21.00	-5.00	-10.00	-15.00
468395	58.8819	135.3844	8.	39.0	9.	2.96	-5.00	-5.00	-5.00	77.00	-20.00	31.00	-5.00	-10.00	-15.00
468396	58.8522	135.3822	8.	18.0	5.	3.79	-5.00	-5.00	-5.00	123.00	-20.00	43.00	8.00	-10.00	-15.00
468397	58.8478	135.3094	8.	48.0	4.	3.01	-5.00	-5.00	-5.00	86.00	-20.00	24.00	-5.00	-10.00	-15.00
468398	58.8225	135.2872	8.	60.0	2.	3.45	-5.00	-5.00	-5.00	98.00	-20.00	35.00	-5.00	-10.00	-15.00
468399	58.8061	135.3242	8.	79.0	11.	2.65	-5.00	-5.00	-5.00	59.00	-20.00	23.00	-5.00	-10.00	-15.00
468400	58.7864	135.2839	8.	63.0	15.	2.71	-5.00	-5.00	-5.00	66.00	-20.00	37.00	-5.00	-10.00	-15.00
468401	58.7936	135.3456	8.	135.0	5.	2.63	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468402	58.7878	135.4025	8.	34.0	4.	3.11	-5.00	-5.00	-5.00	108.00	-20.00	36.00	-5.00	-10.00	-15.00
468403	58.7892	135.4117	8.	95.0	4.	2.30	-5.00	-5.00	-5.00	38.00	-20.00	23.00	-5.00	-10.00	-15.00
468404	58.7958	135.4200	8.	109.0	5.	1.86	-5.00	-5.00	-5.00	60.00	-20.00	-15.00	6.00	-10.00	-15.00
468405	58.8542	135.4629	8.	34.0	6.	2.10	-5.00	-5.00	-5.00	69.00	-20.00	15.00	-5.00	-10.00	-15.00
468406	58.8542	135.4656	8.	115.0	6.	1.31	-5.00	-5.00	-5.00	38.00	-20.00	-15.00	-5.00	-10.00	-15.00
468407	58.8347	135.5284	8.	41.0	2.	3.45	-5.00	-5.00	-5.00	70.00	-20.00	50.00	9.00	-10.00	-15.00
468408	58.7878	135.6339	8.	123.0	6.	4.54	-5.00	-5.00	-5.00	66.00	-20.00	40.00	5.00	-10.00	-15.00
468409	58.7694	135.6319	8.	164.0	8.	.97	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468410	58.7711	135.6003	8.	70.0	11.	3.71	-5.00	-5.00	-5.00	80.00	-20.00	119.00	7.00	-10.00	-15.00
468411	58.7239	135.6158	9.	113.0	1.	4.03	-5.00	-5.00	-5.00	75.00	-20.00	51.00	5.00	-10.00	-15.00
468412	58.7428	135.5425	8.	61.0	4.	3.50	-5.00	-5.00	-5.00	170.00	-20.00	63.00	-5.00	-10.00	-15.00
468413	58.7211	135.4067	8.	128.0	4.	4.45	-5.00	-5.00	-5.00	59.00	-20.00	57.00	8.00	-10.00	-15.00
468414	58.6972	135.4908	8.	91.0	20.	2.66	-5.00	-5.00	-5.00	35.00	-20.00	18.00	-5.00	-10.00	-15.00
468415	58.6939	135.4844	8.	85.0	11.	2.05	-5.00	-5.00	-5.00	39.00	-20.00	21.00	-5.00	-10.00	-15.00

JUNEAU STREAM SEDIMENT

PG. TWO - SAMPLE SET 7

SAMPLE NO.	AS PPM	SE PPM	ZR PPM	NO PPM	DE PPM	LI PPM	AL PPM	AU PPM	BA PPM	CA PPM	CE PPM	CL PPM	CO PPM
468394	28.00	-5.00	84.00	-9999.00	-9999.00	-9999.00	93830.00	-0.09	357.00	37370.00	39.00	-140.00	20.00
468395	10.00	-5.00	132.00	-9999.00	-9999.00	-9999.00	78170.00	-0.06	457.00	30070.00	56.00	-216.00	24.00
468396	26.00	-5.00	127.00	-9999.00	-9999.00	-9999.00	76940.00	-0.10	378.00	12060.00	95.00	-148.00	37.40
468397	17.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	64660.00	-0.06	608.00	30230.00	35.00	188.00	13.00
468398	18.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	84270.00	-0.08	612.00	10140.00	56.00	-206.00	27.46
468399	12.00	-5.00	129.00	-9999.00	-9999.00	-9999.00	74750.00	-0.08	-172.00	25670.00	45.00	-136.00	17.50
468400	21.00	-5.00	106.00	-9999.00	-9999.00	-9999.00	59810.00	-0.06	515.00	64970.00	33.00	-117.00	11.50
468401	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	57590.00	-0.11	619.00	58320.00	29.00	-164.00	15.90
468402	32.00	-5.00	115.00	-9999.00	-9999.00	-9999.00	75150.00	-0.08	658.00	14440.00	57.00	-170.00	32.90
468403	14.00	-5.00	97.00	-9999.00	-9999.00	-9999.00	67560.00	-0.07	317.00	81410.00	40.00	-107.00	11.10
468404	12.00	-5.00	78.00	-9999.00	-9999.00	-9999.00	60560.00	-0.05	537.00	167500.00	24.00	-108.00	10.10
468405	14.00	-5.00	88.00	-9999.00	-9999.00	-9999.00	66350.00	-0.08	953.00	113800.00	33.00	191.00	17.00
468406	11.00	-5.00	57.00	-9999.00	-9999.00	-9999.00	51160.00	-0.05	556.00	200000.00	30.00	-112.00	9.60
468407	18.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	68510.00	-0.08	742.00	40300.00	61.00	-106.00	27.60
468408	24.00	-5.00	96.00	-9999.00	-9999.00	-9999.00	71700.00	-0.09	729.00	11270.00	34.00	-147.00	8.90
468409	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	26660.00	-0.19	-486.00	-2839.00	-17.00	1167.00	-5.40
468410	27.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	73670.00	-0.07	1069.00	9330.00	56.00	-125.00	23.60
468411	5.00	-5.00	163.00	-9999.00	-9999.00	-9999.00	67230.00	-0.08	1661.00	34500.00	60.00	-154.00	14.20
468412	14.00	-5.00	164.00	-9999.00	-9999.00	-9999.00	64010.00	-0.09	707.00	31700.00	33.00	-102.00	8.80
468413	29.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	63290.00	-0.07	675.00	20150.00	37.00	-101.00	13.30
468414	17.00	-5.00	85.00	-9999.00	-9999.00	-9999.00	67350.00	-0.05	605.00	127000.00	33.00	-113.00	10.40
468415	14.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	6370.00	-0.07	242.00	5000.00	61.00	-112.00	9.50

JUNEAU STREAM SEDIMENT

PG. THREE - SAMPLE SET 7

SAMPLE NO.	CR PPM	CS PPM	DV PPM	EU PPM	FE PPM	MF PPM	K PPM	LA PPM	LU PPM	MG PPM	MN PPM	NA PPM	RB PPM
468394	62.00	-2.20	4.00	1.00	44370.00	2.70	-6728.00	20.00	.20	16120.00	1016.00	20470.00	-69.00
468395	69.00	-1.80	7.00	1.40	62430.00	4.40	10450.00	15.00	.40	13440.00	976.00	18960.00	64.00
468396	90.00	3.70	9.00	2.20	67420.00	4.00	18470.00	41.00	.50	17190.00	1421.00	17120.00	-98.00
468397	45.00	-1.50	6.00	.90	38390.00	2.60	13310.00	16.00	.20	12530.00	925.00	16400.00	-30.00
468398	97.00	-2.30	5.00	1.60	56000.00	3.40	19980.00	25.00	.30	17350.00	1605.00	22940.00	-52.00
468399	64.00	3.00	4.00	1.00	48070.00	3.80	19770.00	16.00	.20	16360.00	839.00	19760.00	-45.00
468400	67.00	1.80	9.00	.80	34690.00	2.10	14010.00	19.00	.10	15740.00	800.00	17120.00	-31.00
468401	66.00	-3.00	4.00	1.00	37160.00	2.70	15210.00	-9.00	.30	13310.00	861.00	15740.00	-70.00
468402	156.00	-2.20	9.00	1.50	67030.00	3.30	16680.00	26.00	.30	20690.00	1309.00	19990.00	-51.00
468403	69.00	3.20	2.00	.80	39230.00	2.50	17220.00	16.00	.20	16430.00	372.00	15650.00	-39.00
468404	41.00	-1.40	4.00	.80	29180.00	1.30	7674.00	16.00	.20	11750.00	897.00	11820.00	-25.00
468405	50.00	-2.20	4.00	.90	39980.00	1.60	8592.00	21.00	.20	12826.00	920.00	13360.00	-49.00
468406	40.00	-1.20	3.00	.80	28060.00	1.50	7774.00	17.00	.20	10878.00	664.00	8950.00	-28.00
468407	89.00	-2.20	5.00	1.40	59310.00	3.90	18620.00	35.00	.30	15780.00	767.00	12750.00	-47.00
468408	50.00	-2.20	9.00	1.10	32000.00	-1.30	19000.00	16.00	.30	10780.00	822.00	14500.00	-48.00
468409	-10.00	-4.30	-4.00	-1.00	9887.00	-3.30	-6268.00	-23.00	-.30	-3861.00	192.00	8475.00	-116.00
468410	258.00	5.10	6.00	1.40	48290.00	6.10	20870.00	35.00	.30	24140.00	708.00	13180.00	102.00
468411	114.00	-2.10	9.00	1.60	41660.00	7.20	16430.00	33.00	.30	16950.00	963.00	21910.00	-45.00
468412	125.00	1.00	9.00	.90	30570.00	3.60	17410.00	19.00	.20	22390.00	560.00	14650.00	-26.00
468413	84.00	3.90	4.00	.90	34250.00	3.00	16610.00	20.00	.20	17640.00	354.00	13470.00	-46.00
468414	66.00	2.90	3.00	.80	39360.00	2.60	20619.00	17.00	.20	6089.00	354.00	12410.00	59.00
468415	51.00	2.20	3.00	.60	36490.00	2.40	15970.00	14.00	.20	11380.00	390.00	17450.00	-54.00

JUNEAU STREAM SEDIMENT

PG. FOUR - SAMPLE SET 7

SAMPLE NO.	SB PPM	SC PPM	SM PPM	SR PPM	TA PPM	TB PPM	TH PPM	TI PPM	V PPM	TR PPM	TN PPM	TH/U RATIO
468394	-2.00	21.20	2.60	-361.00	-2.00	-1.00	3.30	4236.00	173.00	2.50	-65.00	1.34900
468395	-2.50	27.80	5.80	-283.00	-1.00	2.00	6.80	5034.00	245.00	4.30	55.00	2.29900
468396	-3.00	24.30	8.20	-405.00	-1.00	-1.00	9.50	4342.00	184.00	3.70	-61.00	2.30600
468397	-2.00	17.90	3.40	-283.00	-1.00	-1.00	4.80	4917.00	219.00	2.50	-35.00	1.59500
468398	-2.00	20.90	5.80	-473.00	-1.00	-1.00	7.00	3321.00	200.00	3.60	137.00	2.02800
468399	-2.00	19.10	1.40	-325.00	-2.00	-1.00	4.60	3455.00	147.00	4.20	-50.00	1.73600
468400	-2.00	12.90	2.60	-285.00	-1.00	-1.00	3.40	4337.00	182.00	1.40	-38.00	1.25500
468401	-3.00	15.80	2.40	-469.00	-2.00	-1.00	3.80	4076.00	175.00	-2.60	202.00	1.44500
468402	-2.00	23.90	5.30	-404.00	-1.00	-1.00	5.10	4760.00	238.00	2.60	146.00	1.63900
468403	-2.00	14.50	2.30	453.00	-1.00	-1.00	4.80	3245.00	123.00	-1.50	-88.00	2.08200
468404	-2.00	13.20	2.40	379.00	-1.00	-9999.00	2.10	3839.00	160.00	1.80	-33.00	1.12900
468405	-2.00	18.30	2.30	-346.00	-2.00	-1.00	3.60	4126.00	162.00	2.60	-64.00	1.71500
468406	-1.00	13.10	2.60	463.00	-1.00	-1.00	2.90	2068.00	114.00	2.40	-41.00	2.21200
468407	-2.00	22.20	6.10	-279.00	-1.00	-1.00	5.90	4789.00	222.00	3.80	152.00	1.70900
468408	-2.00	11.50	2.10	-395.00	-2.00	-1.00	3.70	4484.00	179.00	-2.00	-58.00	.81500
468409	-5.00	3.70	-1.70	-581.00	-4.00	-2.00	-3.30	-9999.00	-14.00	-4.50	-163.00	0.00000
468410	3.00	17.10	5.20	-278.00	-1.00	-1.00	6.90	3857.00	160.00	3.40	117.00	1.85900
468411	-2.00	14.90	4.40	-365.00	-1.00	-1.00	7.50	3507.00	114.00	-1.70	-54.00	1.86200
468412	-1.00	10.60	2.60	-263.00	-1.00	-1.00	9.10	4528.00	137.00	-1.10	111.00	1.45800
468413	-2.00	11.40	2.40	-256.00	-1.00	-1.00	4.20	3391.00	146.00	2.40	-87.00	.94300
468414	-2.00	14.00	3.50	632.00	-1.00	-1.00	4.70	2968.00	120.00	1.90	-94.00	2.28300
468415	-2.00	13.20	3.20	606.00	-1.00	-1.00	4.80	2966.00	107.00	2.20	-79.00	2.00000

Appendix B. Lake Sediment Data

Appendix B. Lake Sediment Data

JUNEAU LAKE SEDIMENT

PG. ONE - SAMPLE SET 1

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	URANIUM PPM	SILVER PPM	ARSENIC PPM	CADMIUM PPM	COPPER PPM	NIOBIUM PPM	NICKEL PPM	LEAD PPM	TIN PPM	THIOCYANATE PPM
468087	58.1264	134.3497	6.	20.0	-9999.	1.43	-5.00	-5.00	-5.00	24.00	-20.00	-15.00	14.00	-10.00	-15.00
468047	58.2272	134.5436	7.	24.0	-9999.	.61	-5.00	-5.00	-5.00	30.00	-20.00	-15.00	-5.00	-10.00	-15.00
468051	58.1183	134.4669	7.	61.0	-9999.	2.74	-5.00	-5.00	-5.00	50.00	-20.00	35.00	-5.00	-10.00	-15.00
468057	58.0261	134.4306	7.	17.0	-9999.	19.25	-5.00	-5.00	-5.00	40.00	-20.00	73.00	-5.00	-10.00	-15.00
468060	58.0067	134.0244	6.	24.0	-9999.	1.83	-5.00	-5.00	-5.00	41.00	-20.00	36.00	-5.00	-10.00	-15.00
468065	58.2281	134.0225	7.	8.0	-9999.	2.17	-5.00	-5.00	-5.00	18.00	-20.00	-15.00	-5.00	-10.00	-15.00
468066	58.4064	134.7383	7.	10.0	-9999.	1.14	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468067	58.4361	134.7336	7.	10.0	-9999.	.84	-5.00	-5.00	-5.00	33.00	-20.00	17.00	-5.00	-10.00	-15.00
468070	58.5100	134.7333	7.	21.0	-9999.	1.73	-5.00	-5.00	-5.00	29.00	-20.00	-15.00	-5.00	-10.00	-15.00
468071	58.2025	134.6697	7.	16.0	-9999.	1.00	-5.00	-5.00	-5.00	136.00	-20.00	59.00	-5.00	-10.00	-15.00
468076	58.5761	134.7492	7.	8.0	-9999.	1.72	-5.00	-5.00	-5.00	99.60	-20.00	53.00	-5.00	-10.00	-15.00
468079	58.5700	134.8519	7.	7.0	-9999.	1.16	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468080	58.6069	134.8719	7.	20.0	-9999.	1.12	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468081	58.6172	134.9072	7.	42.0	-9999.	.43	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468084	58.6644	134.9647	7.	46.0	-9999.	2.08	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468092	58.4128	134.8628	7.	95.0	-9999.	1.56	-5.00	-5.00	-5.00	28.00	-20.00	35.00	-5.00	-10.00	-15.00
468093	58.3923	134.9361	7.	74.0	-9999.	1.02	-5.00	-5.00	-5.00	55.00	-20.00	17.00	-5.00	-10.00	-15.00
468096	58.3403	134.9253	7.	56.0	-9999.	1.76	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468110	58.0906	134.7561	8.	19.0	-9999.	2.46	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468133	58.2653	134.5231	8.	12.0	-9999.	1.07	-5.00	-5.00	-5.00	92.00	-20.00	64.00	-5.00	-10.00	-15.00
468134	58.2706	134.5017	8.	12.0	-9999.	1.16	-5.00	-5.00	-5.00	86.00	-20.00	43.00	-5.00	-10.00	-15.00
468135	58.2811	134.4842	8.	9.0	-9999.	1.42	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468136	58.2986	134.4764	7.	15.0	-9999.	2.46	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468138	58.3186	134.5122	6.	18.0	-9999.	1.83	-5.00	-5.00	-5.00	19.00	-20.00	42.00	-5.00	-10.00	-15.00
468147	58.3414	135.1639	7.	63.0	-9999.	2.84	-5.00	-5.00	-5.00	35.00	-20.00	30.00	7.00	-10.00	-15.00
468155	58.2703	135.1272	8.	59.0	-9999.	1.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468156	58.2553	135.1531	7.	9.0	-9999.	.89	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468157	58.2719	135.1411	7.	35.0	-9999.	1.53	-5.00	-5.00	-5.00	31.00	-20.00	-15.00	26.00	-10.00	-15.00
468160	58.2669	135.2627	7.	34.0	-9999.	1.62	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468161	58.2800	135.2300	7.	57.0	-9999.	1.01	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468163	58.2994	135.3097	7.	71.0	-9999.	3.03	-5.00	-5.00	-5.00	36.00	-20.00	21.00	-5.00	-10.00	-15.00
468164	58.2650	135.2806	8.	12.0	-9999.	1.68	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468175	58.4067	135.4017	8.	121.0	-9999.	2.55	-5.00	-5.00	-5.00	34.00	-20.00	20.00	-5.00	-10.00	-15.00
468176	58.4669	135.3811	8.	16.0	-9999.	1.78	-5.00	-5.00	-5.00	65.00	-20.00	31.00	-5.00	-10.00	-15.00
468199	58.2019	135.5803	-9999.	-9999.0	-9999.	5.78	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468207	58.4572	134.6011	8.	26.0	-9999.	5.36	-5.00	-5.00	-5.00	30.00	-20.00	48.00	10.00	-10.00	-15.00
468209	58.4633	134.6219	8.	5.0	-9999.	.57	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468210	58.4286	134.6283	6.	4.0	-9999.	.37	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468212	58.3856	134.6281	7.	12.0	-9999.	1.80	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468213	58.3931	134.6567	5.	12.0	-9999.	.80	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468217	58.4222	134.4383	7.	29.0	-9999.	4.45	-5.00	-5.00	-5.00	28.00	-20.00	31.00	-5.00	-10.00	-15.00
468224	58.3233	134.4186	8.	7.0	-9999.	1.49	-5.00	-5.00	-5.00	64.00	-20.00	57.00	-5.00	-10.00	-15.00
468228	58.3203	134.3147	7.	9.0	-9999.	3.87	-5.00	-5.00	-5.00	64.00	-20.00	47.00	-5.00	-10.00	-15.00
468232	58.3017	134.2536	7.	19.0	-9999.	5.42	-5.00	-5.00	-5.00	82.00	-20.00	54.00	6.00	-10.00	-15.00
468235	58.3247	134.1933	8.	5.0	-9999.	2.11	-5.00	-5.00	-5.00	35.00	-20.00	-15.00	-5.00	-10.00	-15.00
468236	58.3203	134.1247	7.	7.0	-9999.	2.17	-5.00	-5.00	-5.00	13.00	-20.00	-15.00	7.00	-10.00	-15.00
468237	58.3658	134.1172	8.	3.0	-9999.	4.63	-5.00	-5.00	-5.00	57.00	-20.00	60.00	-5.00	-10.00	-15.00
468238	58.3906	134.1653	7.	6.0	-9999.	11.59	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468242	58.2003	134.8217	8.	12.0	-9999.	4.17	-5.00	-5.00	-5.00	44.00	-20.00	19.00	20.00	-10.00	-15.00
468243	58.1850	134.8231	8.	19.0	-9999.	2.14	-5.00	-5.00	-5.00	24.00	-20.00	47.00	-5.00	-10.00	-15.00

JUNEAU LAKE SEDIMENT

PC. 100 - 1000 FT 3

SAMPLE NO.	AS PPM	SE PPM	70 PPM	NO PPM	RE PPM	LI PPM	AI PPM	AU PPM	RA PPM	CA PPM	FF PPM	CL PPM	CO PPM
468037	10.00	-5.00	65.00	-9999.00	-9999.00	-9999.00	30700.00	-12	638.00	-1859.00	-11.00	288.00	-1.10
468047	12.00	-5.00	30.00	-9999.00	-9999.00	-9999.00	15510.00	-13	-247.00	-2778.00	-11.00	441.00	-1.10
468051	23.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	64940.00	-07	759.00	10370.00	36.00	-134.00	15.70
468057	29.00	-5.00	125.00	-9999.00	-9999.00	-9999.00	46530.00	-10	-274.00	30390.00	45.00	-178.00	27.00
468060	7.00	-5.00	119.00	-9999.00	-9999.00	-9999.00	71240.00	-08	1274.00	24950.00	24.00	-167.00	12.40
468065	-5.00	-5.00	110.00	-9999.00	-9999.00	-9999.00	37420.00	-09	630.00	19830.00	-8.00	471.00	-1.10
468066	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	26250.00	-13	-297.00	7903.00	-11.00	507.00	2.70
468067	9.00	-5.00	40.00	-9999.00	-9999.00	-9999.00	27390.00	-14	-259.00	8941.00	-11.00	600.00	-1.20
468070	25.00	-5.00	144.00	-9999.00	-9999.00	-9999.00	79240.00	-07	857.00	43250.00	20.00	-172.00	17.40
468071	5.00	-5.00	69.00	-9999.00	-9999.00	-9999.00	73410.00	24	-205.00	63800.00	22.00	-153.00	46.10
468076	166.00	-5.00	137.00	-9999.00	-9999.00	-9999.00	64670.00	-09	722.00	33370.00	29.00	-134.00	19.40
468079	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	37270.00	-38	899.00	-7028.00	-35.00	892.00	-1.40
468080	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	26230.00	-13	445.00	10940.00	-12.00	678.00	7.50
468081	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	11850.00	-11	-243.00	-2186.00	-9.00	1200.00	-1.10
468084	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	38380.00	-16	565.00	13170.00	21.00	1009.00	-1.10
468092	8.00	-5.00	80.00	-9999.00	-9999.00	-9999.00	58930.00	-11	616.00	17520.00	24.00	-153.00	11.80
468093	6.00	-5.00	46.00	-9999.00	-9999.00	-9999.00	24630.00	-12	-421.00	-3833.00	-17.00	1275.00	-1.20
468096	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	34240.00	-17	-359.00	12640.00	-15.00	828.00	5.70
468110	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	55240.00	-48	-1025.00	-6788.00	-46.00	-45.00	-1.40
468133	16.00	-5.00	71.00	-9999.00	-9999.00	-9999.00	59520.00	-14	-249.00	48930.00	41.00	-144.00	54.10
468134	17.00	-5.00	65.00	-9999.00	-9999.00	-9999.00	75160.00	-10	-223.00	44320.00	23.00	-174.00	38.40
468135	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	42160.00	-12	532.00	17630.00	18.00	-146.00	6.10
468136	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	32390.00	-08	586.00	12510.00	24.00	293.00	-1.10
468138	8.00	-5.00	140.00	-9999.00	-9999.00	-9999.00	58150.00	-08	782.00	17430.00	32.00	-152.00	16.40
468147	12.00	-5.00	113.00	-9999.00	-9999.00	-9999.00	77940.00	-08	450.00	8778.00	20.00	-149.00	0.60
468155	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	23220.00	-12	-370.00	9458.00	-9.00	532.00	-1.10
468156	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	18060.00	-14	-304.00	10710.00	-12.00	980.00	-3.70
468157	5.00	-5.00	145.00	-9999.00	-9999.00	-9999.00	22550.00	-09	367.00	8629.00	38.00	-177.00	-1.10
468160	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	32300.00	-16	-414.00	11190.00	-14.00	818.00	5.50
468161	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	38340.00	-10	619.00	14630.00	-8.00	677.00	7.00
468163	21.00	-5.00	94.00	-9999.00	-9999.00	-9999.00	81160.00	-07	441.00	-1061.00	60.00	-113.00	9.60
468164	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	27810.00	-11	-270.00	10720.00	-9.00	837.00	-2.40
468175	15.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	71500.00	-08	315.00	17880.00	31.00	-138.00	11.00
468176	20.00	-5.00	111.00	-9999.00	-9999.00	-9999.00	72170.00	-06	240.00	56270.00	40.00	328.00	25.00
468199	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	45940.00	-11	-245.00	28240.00	21.00	26160.00	9.70
468207	282.00	-5.00	267.00	-9999.00	-9999.00	-9999.00	82200.00	-11	-282.00	27840.00	50.00	-263.00	20.40
468209	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	15470.00	-14	-396.00	-7481.00	-13.00	427.00	-1.20
468210	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	14150.00	-15	-477.00	-5008.00	-14.00	1471.00	-1.20
468212	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	25490.00	-10	-298.00	9153.00	-9.00	854.00	-1.10
468213	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	14440.00	-14	-391.00	-2558.00	-13.00	685.00	-1.10
468217	12.00	-5.00	121.00	-9999.00	-9999.00	-9999.00	42510.00	-10	-282.00	38230.00	75.00	-252.00	20.10
468224	24.00	-5.00	87.00	-9999.00	-9999.00	-9999.00	60820.00	-07	696.00	38310.00	32.00	-125.00	22.80
468229	38.00	-5.00	124.00	-9999.00	-9999.00	-9999.00	75340.00	-07	1552.00	4470.00	60.00	-157.00	27.80
468232	38.00	-5.00	150.00	-9999.00	-9999.00	-9999.00	91640.00	-08	3507.00	25900.00	82.00	-189.00	26.80
468235	7.00	-5.00	195.00	-9999.00	-9999.00	-9999.00	40190.00	-16	-351.00	14740.00	25.00	347.00	5.70
468236	5.00	-5.00	693.00	-9999.00	-9999.00	-9999.00	74350.00	-07	1151.00	33120.00	69.00	-182.00	4.20
468237	44.00	-5.00	130.00	-9999.00	-9999.00	-9999.00	68800.00	-08	2638.00	31590.00	61.00	-130.00	27.70
468238	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	64970.00	-08	825.00	34590.00	150.00	-138.00	16.70
468242	15.00	-5.00	131.00	-9999.00	-9999.00	-9999.00	64330.00	-07	759.00	16870.00	64.00	-170.00	13.70
468243	7.00	-5.00	123.00	-9999.00	-9999.00	-9999.00	50520.00	-07	924.00	23570.00	34.00	-122.00	17.10

JUNEAU LAKE SEDIMENT

PC. THREE - SAMPLE SET

3

SAMPLE NO.	CB PPM	CS PPM	DY PPM	EU PPM	FE PPM	HF PPM	K PPM	LA PPM	LW PPM	PC PPM	NN PPM	WA PPM	PP PPM
46R037	59.00	-3.10	3.00	-.50	7634.00	-2.20	-4997.00	-3.00	-.20	-3099.00	173.00	7790.00	-25.00
46R047	42.00	-3.30	-3.00	.60	45600.00	-2.30	-4074.00	-10.70	-.20	-2463.00	106.00	2520.00	-44.00
46R051	111.00	3.20	3.00	1.30	50070.00	3.90	11340.00	17.00	.30	15150.00	910.00	15110.00	-43.00
46R057	200.00	4.90	5.00	1.20	47740.00	4.00	-6414.00	33.00	-.10	18170.00	912.00	15080.00	-48.00
46R060	273.00	-2.10	4.00	1.10	25500.00	4.50	12690.00	15.00	.20	15360.00	618.00	25680.00	-49.00
46R065	35.00	-2.50	-3.00	.80	14480.00	3.40	-5571.00	-11.00	-.10	-3034.00	314.00	11990.00	-44.00
46R066	28.00	-2.90	-2.00	-.70	10430.00	-2.30	-4983.00	-15.00	-.20	-2818.00	302.00	7158.00	-76.00
46R067	50.00	-3.10	-2.00	-.60	11600.00	-2.30	-4966.00	-12.00	-.20	-2576.00	344.00	6681.00	-73.00
46R070	61.00	-1.90	5.00	1.60	50920.00	5.30	-5656.00	23.00	.20	16940.00	1159.00	22560.00	-41.00
46R071	193.00	-2.90	4.00	1.30	83910.00	-1.60	-5901.00	16.00	.30	27880.00	1685.00	15390.00	-61.00
46R076	77.00	-2.20	4.00	1.20	48290.00	3.90	9431.00	20.00	.20	18210.00	1185.00	16560.00	-50.00
46R079	-63.00	-6.80	-6.00	-1.90	26440.00	-6.80	-11070.00	-36.00	-.60	-7101.00	307.00	8511.00	-240.00
46R080	-21.00	-3.00	-2.00	-.70	8851.00	-2.40	-4729.00	-13.00	-.20	-2542.00	221.00	7246.00	-78.00
46R081	28.00	-2.70	-2.00	-.50	101100.00	-1.80	-3959.00	-10.00	-.20	-2069.00	148.00	1884.00	-86.00
46R084	56.00	-2.50	2.00	.90	12430.00	2.90	7681.00	-9.00	-.10	5483.00	312.00	13600.00	-54.00
46R092	160.00	-2.80	3.00	.90	37570.00	2.70	11780.00	-8.00	-.20	12440.00	1018.00	15030.00	-49.00
46R093	-30.00	-4.40	-4.00	-.90	15220.00	-3.30	-7278.00	-21.00	-.30	-3729.00	280.00	5049.00	-123.00
46R096	45.00	-4.00	2.00	-.90	32090.00	-3.10	8028.00	-17.00	-.30	7370.00	440.00	9319.00	-168.00
46R110	238.00	-10.50	-8.00	-2.60	43110.00	-8.50	-18530.00	-46.00	-.80	-9062.00	1493.00	19590.00	-269.00
46R133	400.00	-3.70	4.00	1.20	69800.00	-2.00	7513.00	-7.00	-.20	35910.00	1168.00	12320.00	-74.00
46R134	205.00	3.90	3.00	.80	76760.00	-1.40	10730.00	10.00	.20	27720.00	1557.00	22930.00	-54.00
46R135	81.00	-3.00	2.00	.50	16240.00	-2.10	6946.00	-11.00	-.20	8246.00	431.00	14040.00	-48.00
46R136	62.00	-2.10	3.00	1.00	17360.00	5.10	-4595.00	23.00	-.10	-2425.00	251.00	9146.00	-51.00
46R138	465.00	-2.00	2.00	1.00	33670.00	5.60	16280.00	26.00	.30	11290.00	977.00	22130.00	-44.00
46R147	88.00	3.20	4.00	1.10	41750.00	3.50	18470.00	19.00	.30	16280.00	756.00	26900.00	77.00
46R155	-17.00	-2.70	2.00	-.50	14930.00	-2.00	-7289.00	-10.00	-.20	-3117.00	773.00	4174.00	-67.00
46R156	-21.00	-3.20	-3.00	-.70	10510.00	-2.50	-4546.00	-15.00	-.20	-2595.00	190.00	4284.00	-82.00
46R157	34.00	-2.10	3.00	-.40	10380.00	4.40	8676.00	-10.00	.20	-2319.00	186.00	5903.00	-58.00
46R160	37.00	-3.70	-4.00	-.80	11060.00	-2.80	-8889.00	-18.00	-.30	5821.00	480.00	8359.00	-57.00
46R161	306.00	-2.80	2.00	.60	25300.00	-1.80	-6105.00	-9.00	-.10	12430.00	742.00	8392.00	-63.00
46R163	81.00	4.30	4.00	1.10	44130.00	3.30	20090.00	27.00	.20	16550.00	123.00	11760.00	-42.00
46R164	-17.00	-2.70	-2.00	-.50	15030.00	-2.00	-4299.00	-13.00	-.20	-2379.00	218.00	2894.00	-15.00
46R175	76.00	3.60	4.00	1.90	39140.00	4.00	19600.00	16.00	.30	14390.00	853.00	12940.00	-50.00
46R176	70.00	-2.90	4.00	1.60	72440.00	3.20	-4781.00	21.00	.30	22310.00	1107.00	20680.00	-44.00
46R199	53.00	-2.80	3.00	.70	28060.00	2.30	10930.00	-9.00	-.20	16810.00	420.00	27300.00	-71.00
46R207	75.00	-2.80	4.00	1.50	56910.00	5.30	-7418.00	26.00	.30	16200.00	1556.00	23110.00	-67.00
46R209	-23.00	-3.30	-3.00	-.80	7904.00	-2.70	-4831.00	-14.00	-.20	-2791.00	177.00	4086.00	-82.00
46R210	-27.00	-3.80	-4.00	-.80	11030.00	-2.90	-6746.00	-15.00	-.30	-3889.00	154.00	3808.00	-96.00
46R212	27.00	-2.50	-2.00	.50	7407.00	1.90	-4732.00	-11.00	-.20	-2722.00	172.00	6515.00	-67.00
46R213	-23.00	-3.30	-3.00	-.70	17220.00	-2.50	-4358.00	-12.00	-.20	-2666.00	146.00	4269.00	-88.00
46R217	123.00	-2.60	3.00	1.60	66060.00	4.80	-9404.00	34.00	.60	16420.00	3588.00	16550.00	-50.00
46R224	178.00	-1.90	4.00	1.30	55210.00	2.70	-4339.00	13.00	.20	20110.00	886.00	14690.00	-40.00
46R228	144.00	3.40	6.00	2.00	69430.00	4.00	8038.00	32.00	.40	18680.00	1576.00	17140.00	-47.00
46R232	126.00	5.30	8.00	1.90	65200.00	4.50	15290.00	43.00	.50	27610.00	1198.00	23570.00	119.00
46R235	51.00	-3.70	3.00	-.80	12770.00	4.90	-6059.00	-16.00	-.20	6867.00	450.00	7915.00	-93.00
46R236	43.00	-1.80	5.00	2.10	28290.00	28.10	15760.00	35.00	.40	10640.00	748.00	24970.00	-49.00
46R237	109.00	2.30	4.00	2.10	51360.00	3.60	10380.00	35.00	.30	14570.00	891.00	18450.00	-44.00
46R238	89.00	-2.00	4.00	2.30	92340.00	43.40	12280.00	79.00	.70	13390.00	1220.00	21650.00	-44.00
46R242	97.00	-1.80	6.00	1.40	41530.00	5.00	13530.00	26.00	.50	13670.00	867.00	23180.00	-75.00
46R243	91.00	-1.90	5.00	1.00	30560.00	3.50	7602.00	20.00	.30	10840.00	880.00	14770.00	-41.00

JUNEAU LAKE SEDIMENT

DC. 8710 - CAPSULE 657 1

SAMPLE NO.	SA PPM	SB PPM	SC PPM	SD PPM	SE PPM	SF PPM	SG PPM	SH PPM	SI PPM	SJ PPM	SK PPM	SL PPM
468017	-3.00	6.20	2.20	-448.00	-4.00	-2.00	-2.10	-9999.00	63.00	-2.90	-05.00	0.00000
468047	-3.00	4.90	-0.90	-399.00	-3.00	-2.00	-2.30	-9999.00	43.00	-3.00	271.00	0.00000
468051	-2.00	19.00	3.30	-373.00	-2.00	-1.00	3.50	4505.00	177.00	-2.70	-52.00	1.27700
468057	-3.00	20.20	6.70	-488.00	-3.00	-1.00	4.60	3916.00	161.00	-2.40	149.00	0.23000
468060	-2.00	12.40	2.10	593.00	-2.00	-1.00	3.20	3896.00	111.00	-1.90	127.00	1.00200
468065	-3.00	6.10	1.80	-450.00	-3.00	-1.00	4.00	1611.00	45.00	-2.20	-96.00	1.04200
468066	-3.00	4.80	-1.10	-425.00	-3.00	-2.00	-2.10	1444.00	36.00	-3.00	-97.00	0.00000
468067	-4.00	7.20	-1.20	-403.00	-3.00	-2.00	-2.20	-9999.00	50.00	-3.10	-88.00	0.00000
468070	-2.00	22.40	6.00	736.00	-1.00	-1.00	4.60	4245.00	164.00	2.70	62.00	2.66600
468071	-3.00	36.70	3.40	-424.00	-2.00	-1.00	-1.70	3239.00	284.00	-2.50	-71.00	0.00000
468076	-2.00	19.70	2.80	-384.00	-2.00	-1.00	2.40	4191.00	147.00	2.20	-62.00	1.30000
468079	-9.00	4.00	-3.00	-9999.00	-8.00	-5.00	-6.00	-9999.00	-25.00	-9.20	-280.00	0.00000
468080	-3.00	4.20	-1.20	-395.00	-3.00	-2.00	-2.20	1136.00	27.00	-3.10	162.00	0.00000
468081	-3.00	2.10	-0.90	-302.00	-2.00	-1.00	-1.80	-9999.00	55.00	-2.50	-92.00	0.00000
468084	-3.00	10.30	1.40	-341.00	-2.00	-1.00	2.50	3605.00	59.00	-2.30	-61.00	1.20200
468092	-3.00	14.80	1.50	-446.00	-2.00	-1.00	2.20	3595.00	136.00	-2.40	-78.00	1.41000
468093	-5.00	5.70	-1.70	-545.00	-4.00	-2.00	-3.20	-9999.00	30.00	-4.40	-144.00	0.00000
468096	-4.00	7.50	-1.40	-537.00	-5.00	-2.00	3.10	3193.00	77.00	-4.10	-137.00	1.21100
468110	-12.00	10.60	-4.60	-9999.00	-9.00	-6.00	-4.10	-9999.00	134.00	-11.40	-325.00	0.00000
468133	-4.00	41.70	3.30	-453.00	-2.00	-2.00	-2.10	4324.00	237.00	-3.00	-89.00	0.00000
468134	-3.00	11.10	2.10	-451.00	-2.00	-1.00	2.20	4192.00	257.00	-2.00	-65.00	1.00000
468135	-3.00	2.20	1.00	-605.00	-3.00	-1.00	2.50	2508.00	100.00	-2.00	84.00	1.27100
468136	-2.00	5.10	2.50	-348.00	-2.00	-1.00	2.80	2569.00	61.00	-1.90	-66.00	1.44400
468139	-2.00	13.30	-2.70	-382.00	-1.00	-1.00	4.00	3529.00	119.00	-1.60	-47.00	2.26700
468140	-2.00	16.00	3.30	-339.00	-1.00	-1.00	4.00	3538.00	151.00	3.00	-49.00	1.00000
468159	-3.00	5.40	1.60	-524.00	-3.00	-1.00	-1.70	-9999.00	35.00	-2.50	-87.00	0.00000
468156	-4.00	3.40	-1.20	-404.00	-3.00	-2.00	-2.30	-9999.00	29.00	-3.30	-93.00	0.00000
468157	-2.00	3.10	2.40	-333.00	-2.00	-1.00	4.50	1551.00	29.00	-2.00	103.00	2.04100
468160	-4.00	5.50	-1.40	-590.00	-4.00	-2.00	-2.00	2790.00	88.00	-3.00	-125.00	0.00000
468161	-3.00	14.30	1.70	-477.00	-2.00	-1.00	-1.60	2822.00	67.00	-2.40	-125.00	0.00000
468163	3.00	13.50	6.50	-208.00	-1.00	-1.00	5.00	4232.00	180.00	2.20	172.00	1.00000
468164	-3.00	4.40	-0.90	-368.00	-3.00	-1.00	1.70	1735.00	36.00	-2.60	-82.00	1.07500
468175	-2.00	13.10	2.30	-339.00	-1.00	-1.00	3.00	4212.00	159.00	2.40	-58.00	1.49000
468176	-2.00	26.40	5.50	-338.00	-1.00	-1.00	2.30	6715.00	213.00	3.20	41.00	1.29200
468199	-3.00	9.20	1.50	-489.00	-3.00	-1.00	2.60	2010.00	86.00	-2.70	-84.00	0.00000
468207	-3.00	13.50	4.30	-552.00	-2.00	-1.00	3.30	9172.00	162.00	-2.30	-107.00	0.00000
468209	-3.00	3.40	-1.10	-463.00	-3.00	-2.00	-2.00	-9999.00	25.00	-3.40	-114.00	0.00000
468210	-4.00	2.20	-1.20	-542.00	-3.00	-2.00	-2.00	-9999.00	-14.00	-3.70	-104.00	0.00000
468212	-3.00	3.90	-0.90	-399.00	-3.00	-1.00	-1.80	-9999.00	23.00	-2.40	-86.00	0.00000
468213	-3.00	3.40	-1.30	-458.00	-3.00	-2.00	-2.50	-9999.00	24.00	-3.20	-105.00	0.00000
468217	-3.00	41.80	8.50	-419.00	-1.00	1.00	5.50	-9999.00	177.00	2.50	-86.00	1.46000
468224	-2.00	30.40	3.80	-277.00	-1.00	-1.00	2.90	6026.00	221.00	2.40	-47.00	1.04600
468228	-2.00	28.00	7.00	562.00	-1.00	-1.00	4.40	6241.00	290.00	2.90	192.00	1.00300
468232	-2.00	22.90	4.20	-408.00	-1.00	-1.00	11.10	4965.00	264.00	3.40	192.00	2.04000
468235	-4.00	9.70	1.50	-496.00	-4.00	-2.00	2.50	2733.00	77.00	-3.20	-110.00	1.10000
468236	-2.00	13.40	5.60	531.00	-1.00	-1.00	6.70	4712.00	79.00	3.30	-48.00	1.44000
468237	-2.00	17.50	4.90	-315.00	-1.00	-1.00	4.00	4710.00	217.00	3.20	-71.00	1.42500
468238	-2.00	24.00	12.10	-333.00	2.00	3.00	10.70	5041.00	223.00	4.00	-52.00	2.04600
468242	-2.00	19.80	5.10	-298.00	-1.00	2.00	7.00	5440.00	133.00	4.00	-44.00	1.25100
468243	-2.00	17.40	2.90	-313.00	-1.00	-1.00	3.60	4479.00	128.00	2.70	-54.00	1.00000

JUNEAU LAKE SEDIMENT

PR. ONE - SAMPLE SET 2

SAMPLE NO.	LAT.	LONG.	PH	COND.	SCINT.	IRANIUM PPM	SILVER PPM	BISMUTH PPM	CADMIUM PPM	COPPER PPM	NICKEL PPM	LEAD PPM	TI- PPM	CHROMIUM PPM	
468244	58.2172	134.8442	8.	13.0	-9999.	10.28	-5.00	-5.00	-5.00	48.00	-20.00	36.00	122.00	-10.00	-15.00
468245	58.0606	134.8383	8.	33.0	-9999.	19.98	-5.00	-5.00	-5.00	52.00	-20.00	27.00	17.00	-10.00	-15.00
468248	58.0169	134.8764	8.	7.0	-9999.	1.78	-5.00	-5.00	-5.00	86.00	-20.00	109.00	-5.00	-10.00	-15.00
468249	58.0467	134.5325	8.	24.0	-9999.	10.26	-5.00	-5.00	-5.00	92.00	-20.00	58.00	-5.00	-10.00	-15.00
468250	58.0631	134.5408	8.	18.0	-9999.	2.49	-5.00	-5.00	-5.00	76.00	-20.00	75.00	-5.00	-10.00	-15.00
468251	58.0714	134.4839	8.	11.0	-9999.	2.83	-5.00	-5.00	-5.00	34.00	-20.00	749.00	-5.00	-10.00	-15.00
468252	58.1008	134.5435	8.	17.0	-9999.	3.00	-5.00	-5.00	-5.00	55.00	-20.00	50.00	5.00	-10.00	-15.00
468256	58.1469	134.6203	6.	6.0	1.	.64	-5.00	-5.00	-5.00	36.00	-20.00	-15.00	-5.00	-10.00	-15.00
468259	58.2772	134.5664	7.	16.0	-9999.	1.19	-5.00	-5.00	-5.00	48.00	-20.00	55.00	-5.00	-10.00	-15.00
468261	58.3042	134.6044	7.	5.0	-9999.	1.67	-5.00	-5.00	-5.00	38.00	-20.00	29.00	-5.00	-10.00	-15.00
468264	58.3419	134.0744	-9999.	16.0	-9999.	124.30	-5.00	-5.00	-5.00	12.00	-20.00	-15.00	-5.00	-10.00	-15.00
468266	58.2694	134.0461	5.	5.0	-9999.	5.42	-5.00	-5.00	-5.00	15.00	-20.00	04.00	-5.00	-10.00	-15.00
468270	58.0369	134.6922	6.	77.0	-9999.	1.45	-5.00	-5.00	-5.00	42.00	-20.00	-15.00	5.00	-10.00	-15.00
468272	58.5056	135.0053	5.	24.0	-9999.	1.10	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468274	58.5325	135.2489	8.	20.0	11.	2.58	-5.00	-5.00	-5.00	37.00	-20.00	35.00	-5.00	-10.00	-15.00
468276	58.5617	135.2703	8.	37.0	-9999.	1.91	-5.00	-5.00	-5.00	19.00	-20.00	-15.00	-5.00	-10.00	-15.00
468278	58.6019	135.2428	7.	2.0	-9999.	1.98	-5.00	-5.00	-5.00	16.00	-20.00	24.00	-5.00	-10.00	-15.00
468279	58.6244	135.3089	8.	32.0	-9999.	2.82	-5.00	-5.00	-5.00	38.00	-20.00	31.00	-5.00	-10.00	-15.00
468287	58.7053	135.2419	9.	23.0	-9999.	4.19	-5.00	-5.00	-5.00	60.00	-20.00	56.00	6.00	-10.00	-15.00
468288	58.6833	135.2564	8.	21.0	14.	3.49	-5.00	-5.00	-5.00	46.00	-20.00	41.00	-5.00	-10.00	-15.00
468289	58.6896	135.3022	8.	1.0	-9999.	2.03	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00
468290	58.4992	134.9750	6.	26.0	-9999.	1.54	-5.00	-5.00	-5.00	33.00	-20.00	-15.00	-5.00	-10.00	-15.00

LAKE SEDIMENT

PC. TOP - SAMPLE SET 2

SAMP. NO.	AS PPH	SE PPH	78 PPH	MO PPH	RE PPH	LI PPH	AL PPH	AU PPH	GA PPH	CA PPH	CE PPH	CL PPH	CR PPH
468244	21.00	-5.00	133.00	-9999.00	-9999.00	-9999.00	86550.00	-0.10	880.00	15650.00	40.00	-375.00	17.00
468245	81.00	13.00	75.00	-9999.00	-9999.00	-9999.00	43460.00	-0.09	1041.00	9904.00	26.00	-79.00	12.70
468249	14.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	72390.00	-0.10	-742.00	52770.00	44.00	-182.00	20.00
468249	14.00	-5.00	90.00	-9999.00	-9999.00	-9999.00	67370.00	-0.15	803.00	17410.00	39.00	-139.00	24.00
468250	10.00	-5.00	47.00	-9999.00	-9999.00	-9999.00	48580.00	-0.11	690.00	20180.00	26.00	-135.00	16.30
468251	11.00	-5.00	101.00	-9999.00	-9999.00	-9999.00	42990.00	-0.12	542.00	23910.00	24.00	-172.00	14.00
468252	72.00	5.00	94.00	-9999.00	-9999.00	-9999.00	69730.00	-0.11	1216.00	18550.00	34.00	-107.00	19.40
468256	7.00	-5.00	30.00	-9999.00	-9999.00	-9999.00	12640.00	-0.17	-317.00	-3471.00	-11.00	730.00	-0.20
468259	11.00	-5.00	71.00	-9999.00	-9999.00	-9999.00	47220.00	-0.17	-309.00	38020.00	27.00	-145.00	22.30
468261	10.00	-5.00	102.00	-9999.00	-9999.00	-9999.00	74350.00	-0.12	521.00	28720.00	33.00	-234.00	11.90
468264	6.00	-5.00	235.00	-9999.00	-9999.00	-9999.00	67740.00	-0.09	770.00	30140.00	97.00	-155.00	7.20
468266	17.00	-5.00	444.00	-9999.00	-9999.00	-9999.00	36860.00	-0.09	-230.00	23480.00	41.00	-267.00	62.20
468270	17.00	-5.00	67.00	-9999.00	-9999.00	-9999.00	78370.00	-0.10	2341.00	8617.00	37.00	-121.00	12.40
468271	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	16500.00	-0.30	-741.00	-5209.00	-27.00	1094.00	-0.00
468274	14.00	-5.00	126.00	-9999.00	-9999.00	-9999.00	65420.00	-0.07	543.00	32910.00	40.00	-141.00	14.20
468276	-5.00	-5.00	107.00	-9999.00	-9999.00	-9999.00	73560.00	-0.06	465.00	11290.00	35.00	-142.00	1.00
468278	8.00	-5.00	106.00	-9999.00	-9999.00	-9999.00	47600.00	-0.08	698.00	12460.00	37.00	-176.00	5.70
468280	16.00	-5.00	100.00	-9999.00	-9999.00	-9999.00	85100.00	-0.06	592.00	8739.00	53.00	-127.00	11.70
468281	15.00	-5.00	118.00	-9999.00	-9999.00	-9999.00	66240.00	-0.10	619.00	17680.00	47.00	-151.00	21.20
468288	13.00	-5.00	117.00	-9999.00	-9999.00	-9999.00	79740.00	-0.07	566.00	12710.00	49.00	-144.00	17.70
468289	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	49430.00	-0.13	440.00	13340.00	43.00	-510.00	8.70
468290	13.00	-5.00	66.00	-9999.00	-9999.00	-9999.00	36730.00	-0.13	437.00	14500.00	-9.00	-760.00	-0.10

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JULIEAU LAKE SEDIMENT

PC, 14000 - SAMPLE 517

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SAMPLE NO.	CR PPM	CS PPM	NY PPM	EU PPM	FE PPM	NF PPM	V PPM	LA PPM	LU PPM	WC PPM	PH PPM	NA PPM	SO PPM
46P244	109.00	-2.60	7.00	1.80	57340.00	5.20	17140.00	40.00	.40	12690.00	859.00	15540.00	-10.00
46P245	211.00	18.70	4.00	1.20	34280.00	-1.40	11530.00	24.00	.20	10070.00	781.00	5957.00	-56.00
46P246	393.00	-2.80	8.00	1.60	93270.00	4.30	-7268.00	27.00	.50	40840.00	1475.00	13700.00	-11.00
46P249	188.00	-3.90	5.00	1.40	48950.00	4.00	19220.00	21.00	.30	18890.00	575.00	9195.00	-69.00
46P250	170.00	-3.00	4.00	1.10	50190.00	2.40	-5350.00	19.00	.30	21070.00	901.00	11120.00	-13.00
46P251	1772.00	-3.00	3.00	.70	51160.00	-1.90	-5044.00	15.00	-.20	61480.00	854.00	9074.00	-75.00
46P252	199.00	6.70	5.00	1.30	50740.00	3.50	10110.00	17.00	-.40	15900.00	746.00	15490.00	-42.00
46P256	-19.00	-7.50	-3.00	-.60	3814.00	-2.10	-5222.00	-16.00	-.20	-3074.00	177.00	4157.00	-87.00
46P259	316.00	-4.30	3.00	-.70	39900.00	-2.80	-6118.00	-12.00	-.20	71450.00	715.00	10740.00	-91.00
46P261	99.00	4.70	2.00	1.10	49340.00	2.90	8995.00	15.00	-.20	16860.00	725.00	13890.00	-11.00
46P264	95.00	-2.30	5.00	1.60	76990.00	11.00	14870.00	85.00	.50	9500.00	440.00	22981.00	-10.00
46P266	124.00	-7.40	3.00	1.00	104100.00	19.30	-6023.00	25.00	.30	70710.00	1482.00	7736.00	-58.00
46P270	60.00	-2.50	5.00	1.30	56580.00	2.50	26300.00	19.00	.20	11230.00	522.00	13810.00	-51.00
46P271	-46.00	-4.20	-6.00	-1.50	-5197.00	-5.30	-7170.00	-41.00	-.50	-4751.00	104.00	3831.00	-178.00
46P274	94.00	-1.80	4.00	1.00	38900.00	3.90	15440.00	21.00	.20	17790.00	1703.00	18956.00	-56.00
46P276	82.00	1.70	3.00	.90	36170.00	3.40	14540.00	17.00	.20	5299.00	284.00	27160.00	-22.00
46P279	113.00	1.90	3.00	1.00	23020.00	3.50	10540.00	14.00	.20	8312.00	749.00	14620.00	-44.00
46P280	77.00	4.40	4.00	1.30	47670.00	3.50	21400.00	29.00	.30	21200.00	444.00	14971.00	70.00
46P287	131.00	-2.50	5.00	1.10	44460.00	3.20	15120.00	26.00	.20	15430.00	1217.00	14950.00	-56.00
46P288	190.00	-1.80	4.00	1.40	45500.00	4.10	20820.00	29.00	.30	19670.00	849.00	20290.00	62.00
46P289	140.00	-3.10	3.00	1.10	34770.00	3.20	14070.00	-10.00	.30	15970.00	464.00	11890.00	-10.00
46P290	78.00	-3.20	2.00	.70	22140.00	-1.90	-5373.00	-11.00	-.20	6550.00	320.00	10020.00	-17.00

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JUNEAU LAKE SEDIMENT

PC. 6110 - SAMPLE SET - 2

SAMPLE NO.	SR PPH	SC PPH	SN PPH	SO PPH	TS PPH	TP PPH	TH PPH	TI PPH	T PPH	YR PPH	Y PPH	TH/L PARTS
468244	-3.00	21.40	8.00	-401.00	-2.00	-1.00	8.40	3614.00	163.00	4.10	385.00	0.1700
468245	28.00	13.40	6.80	-225.00	-2.00	-1.00	2.50	2640.00	397.00	-2.10	174.00	0.1250
468248	-3.00	37.20	6.00	-476.00	-2.00	-1.00	3.00	4842.00	265.00	4.50	-64.00	0.0000
468249	4.00	25.80	-3.90	-393.00	-2.00	-2.00	-2.40	5059.00	296.00	-3.40	-92.00	0.0000
468250	-3.00	27.20	2.30	-399.00	-2.00	-1.00	2.10	5195.00	199.00	-2.30	-60.00	0.0000
468251	-3.00	18.40	1.60	-420.00	-3.00	-2.00	2.50	4194.00	165.00	-2.70	-94.00	0.0000
468252	-3.00	26.60	3.80	-438.00	-2.00	-1.00	5.30	5597.00	199.00	2.40	359.00	0.1760
468256	-3.00	2.40	-1.10	-443.00	-3.00	-1.00	-2.60	-9999.00	-13.00	-2.70	-44.00	0.0000
468259	-5.00	27.90	2.90	-500.00	-3.00	-2.00	-2.70	4293.00	193.00	-3.90	433.00	0.0000
468261	-3.00	19.00	2.20	-399.00	-2.00	-1.00	3.80	4567.00	229.00	-2.70	-79.00	0.2780
468264	-3.00	12.60	29.60	-394.00	3.00	-1.00	9.00	3026.00	99.00	3.50	-92.00	0.0720
468266	-3.00	18.50	2.90	-458.00	-1.00	-2.00	13.50	2998.00	106.00	-2.00	-63.00	0.4040
468270	-3.00	25.30	-3.30	-795.00	-1.00	-1.00	1.60	5153.00	200.00	2.60	-62.00	0.1040
468271	-8.00	4.00	-2.70	-763.00	-7.00	-4.00	-5.00	-9999.00	49.00	-7.10	-224.00	0.0000
468274	-2.00	14.60	3.80	-360.00	-1.00	-1.00	5.70	3395.00	123.00	3.60	156.00	0.2680
468276	-2.00	13.80	3.30	-235.00	-1.00	-1.00	4.20	3852.00	133.00	-1.70	172.00	0.1000
468278	-2.00	10.60	2.60	-392.00	-1.00	-1.00	4.00	2624.00	77.00	-1.70	-44.00	0.0700
468280	-2.00	17.20	5.20	-244.00	-1.00	-1.00	6.10	3408.00	153.00	2.60	-50.00	0.1600
468287	-3.00	15.60	3.00	-462.00	-2.00	-1.00	4.80	3712.00	167.00	-2.10	220.00	0.1450
468289	-2.00	19.70	4.80	-287.00	-1.00	-1.00	6.40	4507.00	175.00	4.70	165.00	0.0300
468289	-4.00	10.60	2.10	-414.00	-3.00	-2.00	3.00	2782.00	100.00	-3.00	-78.00	0.4770
468290	-4.00	13.60	1.50	-407.00	-3.00	-2.00	-2.10	3656.00	130.00	-3.00	-99.00	0.0000