

VAN HORN UNCONFORMITY

OR SAMPLE NUMBER	D. O. ST	E. LAT	SAMPLE LONG	NUMBER L TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	SECTION 1 OF 3		
													CA (%)	CO (PPM)	CR (PPM)
151378	40-31.269	-104.866	-3-92-		1.1	1.5	0.75	<2	4.6	<10	61	1	<0.05	7	20
151379	40-31.258	-104.856	-3-92-		1.8	1.8	1.0	<2	4.9	<10	69	1	0.06	7	14
151380	40-31.258	-104.856	-3-92-		1.6	1.7	0.93	<2	5.0	<10	91	1	0.05	10	11
151381	40-31.168	-104.852	-3-92-		2.0	2.2	0.93	<2	3.8	22	1400	2	2.3	7	10
151382	40-31.168	-104.852	-3-92-		2.3	2.2	1.1	<2	2.4	35	2300	2	8.5	8	13
151384	40-31.168	-104.852	-3-92-		2.1	2.5	0.85	<2	4.6	35	830	2	0.47	11	14
151385	40-31.170	-104.856	-3-92-		3.0	3.5	0.87	<2	4.8	23	1100	2	3.5	11	27
151386	40-31.170	-104.856	-3-92-		2.2	2.2	1.0	<2	5.0	19	320	1	1.4	12	39
151387	40-31.152	-104.853	-3-92-		3.5	4.2	0.84	<2	5.6	39	1600	4	0.14	7	3
151388	40-31.152	-104.853	-3-92-		2.1	1.7	1.3	<2	4.0	69	760	1	1.0	14	13
151389	40-31.152	-104.853	-3-92-		2.3	2.4	0.95	<2	5.1	29	300	2	1.5	19	48
151390	40-31.156	-104.859	-3-92-		2.3	2.4	0.94	<2	4.4	37	1200	2	1.1	12	27
151391	40-31.156	-104.859	-3-92-		2.5	2.9	0.88	<2	4.5	46	1700	2	0.73	4	8
151392	40-31.156	-104.859	-3-92-		1.7	2.3	0.72	<2	5.1	23	400	2	1.5	8	47
151393	40-31.157	-104.864	-3-92-		11.	8.3	1.3	<2	5.3	49	960	4	0.65	14	15
151394	40-31.157	-104.864	-3-92-		3.9	4.1	0.96	<2	5.8	59	1100	4	0.13	8	6
151395	40-31.157	-104.864	-3-92-		1.7	2.2	0.78	<2	5.4	24	400	2	1.3	13	45
151396	40-31.153	-104.866	-3-92-		2.3	2.6	0.88	<2	4.7	52	870	2	1.1	23	32
151397	40-31.153	-104.866	-3-92-		2.3	2.4	0.95	<2	5.3	70	530	3	0.20	20	34
151398	40-31.153	-104.866	-3-92-		1.8	2.8	0.65	<2	5.3	29	460	2	1.1	18	51
151399	40-31.151	-104.874	-3-92-		3.4	3.7	0.93	<2	5.1	75	3600	4	3.2	20	40
151400	40-31.151	-104.874	-3-92-		1.0	1.3	0.77	<2	4.4	37	1500	4	0.59	9	28
151402	40-31.151	-104.874	-3-92-		1.8	2.6	0.68	<2	5.4	17	280	2	0.63	18	49
151403	40-31.142	-104.872	-3-92-		60.	62.	0.97	9	7.6	75	2200	31	0.35	19	30
151404	40-31.139	-104.871	-3-92-		1.3	1.4	0.95	<2	4.4	63	630	1	0.19	8	14
151405	40-31.139	-104.871	-3-92-		2.9	3.1	0.93	<2	6.6	28	250	2	1.6	68	59
151407	40-31.169	-104.906	-3-92-		2.0	2.2	0.90	10	3.3	46	27000	2	0.90	<4	31
151408	40-31.170	-104.904	-3-92-		2.6	2.7	0.95	3	4.9	61	1500	2	2.3	23	56
151409	40-31.170	-104.900	-3-92-		3.9	4.6	0.85	44	5.2	96	500	2	1.1	17	51
151410	40-31.229	-104.944	-3-92-		1.3	1.2	1.1	<2	2.5	<10	1700	1	5.8	10	23
151411	40-31.229	-104.944	-3-92-		1.4	1.4	1.0	<2	2.7	21	500	1	3.9	9	11
151412	40-31.229	-104.944	-3-92-		1.5	1.7	0.89	<2	5.3	30	410	1	2.0	13	46
151413	40-31.185	-104.895	-3-92-		2.0	1.9	1.1	<2	4.4	12	730	3	4.0	18	35
151414	40-31.185	-104.895	-3-92-		2.0	1.8	1.1	<2	4.6	<10	680	2	0.15	15	28
151415	40-31.185	-104.895	-3-92-		1.6	2.2	0.75	<2	5.2	20	570	2	2.2	10	48
151416	40-31.189	-104.894	-3-92-		1.3	1.0	1.3	<2	4.3	12	540	2	0.13	11	16
151417	40-31.189	-104.894	-3-92-		2.9	2.6	1.1	<2	5.4	21	700	2	0.16	14	52
151418	40-31.192	-104.900	-3-92-		2.6	2.4	1.1	<2	5.1	24	630	3	0.92	20	31
151419	40-31.192	-104.900	-3-92-		2.9	2.2	1.3	<2	2.5	22	270	1	0.69	5	20
151420	40-31.192	-104.900	-3-92-		2.2	1.8	1.2	<2	2.2	15	290	1	0.42	4	16
151421	40-31.194	-104.901	-3-92-		1.7	1.6	1.0	<2	2.0	16	650	1	0.53	4	17
151422	40-31.194	-104.901	-3-92-		1.6	1.5	1.1	<2	4.5	12	480	2	0.15	20	27
151423	40-31.194	-104.901	-3-92-		2.6	3.9	0.66	<2	2.4	17	290	1	0.55	4	16
151424	40-31.199	-104.904	-3-92-		3.6	2.5	1.4	<2	2.1	17	540	1	2.1	<4	13
151425	40-31.199	-104.904	-3-92-		2.7	2.8	0.96	<2	2.6	18	220	1	0.23	5	21
151426	40-31.199	-104.904	-3-92-		1.9	2.4	0.81	<2	5.3	23	360	1	1.3	13	46
151427	40-31.127	-104.906	-3-92-		1.7	5.1	0.33	<2	4.8	37	640	3	2.9	19	22
151428	40-31.127	-104.906	-3-92-		1.4	1.5	0.94	<2	3.4	26	430	1	2.3	7	23
151429	40-31.127	-104.906	-3-92-		1.4	1.8	0.80	<2	5.2	25	440	2	0.55	17	49
151430	40-31.134	-104.892	-3-92-		0.99	1.1	0.90	<2	3.4	<10	32	1	4.7	14	8
151431	40-31.134	-104.892	-3-92-		0.97	1.3	0.75	<2	3.3	23	630	1	0.05	6	10
151432	40-31.230	-104.990	-3-92-		1.3	1.3	1.0	<2	2.9	12	670	1	0.70	5	8
151433	40-31.230	-104.990	-3-92-		0.66	1.2	0.55	<2	3.2	24	640	<1	0.16	7	8
151434	40-31.230	-104.990	-3-92-		2.0	2.0	1.0	<2	5.4	30	310	1	1.4	15	46
151435	40-31.126	-104.903	-3-92-		1.7	2.2	0.78	<2	5.0	28	430	1	1.8	15	47

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 2 OF 3			
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MO (PPM)	NA (%)	NB (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151378	21	1.6	24	<0.05	47	<4	<0.05	7	3	170	3	5	2000	28	11
151379	9	1.7	20	<0.05	37	<4	<0.05	13	5	260	3	6	1900	20	12
151380	4	1.9	30	<0.05	65	<4	<0.05	8	4	190	4	7	2500	38	11
151381	<2	1.6	44	1.3	150	<4	0.07	27	7	180	3	7	1300	28	21
151382	6	1.3	36	4.4	140	<4	0.06	8	8	240	4	6	1600	32	12
151384	14	2.3	50	0.51	94	<4	0.08	49	6	170	4	9	2700	50	35
151385	31	2.3	62	1.2	240	<4	0.81	31	12	250	6	9	2200	49	25
151386	20	2.2	23	0.93	450	<4	2.4	10	16	360	7	4	1700	65	17
151387	5	2.9	5	0.28	260	<4	0.23	66	5	180	3	9	2000	31	85
151388	3	2.0	7	0.43	250	<4	0.07	10	8	260	4	5	2700	47	12
151389	8	2.7	31	1.5	510	<4	1.9	5	27	440	3	3	2100	69	19
151390	13	2.4	22	1.0	470	<4	0.07	21	13	290	5	2	1800	48	20
151391	14	1.7	5	0.46	280	5	0.13	60	6	190	4	12	1600	18	47
151392	31	2.5	28	0.86	500	<4	2.0	8	14	370	8	3	1800	68	17
151393	4	2.7	9	0.43	300	<4	0.18	44	11	260	5	12	2300	47	71
151394	21	3.2	5	0.28	360	<4	0.20	63	6	150	4	8	2400	28	92
151395	62	2.1	21	1.1	820	<4	2.1	4	14	350	6	<2	1600	62	15
151396	18	3.5	9	0.48	320	<4	0.08	11	16	320	8	6	3700	72	16
151397	2	4.6	25	0.44	160	<4	0.07	14	27	350	12	9	5300	71	23
151398	32	2.6	16	0.84	780	<4	1.6	9	17	430	8	3	2200	71	19
151399	24	3.4	25	1.3	990	<4	0.08	19	19	430	9	3	3200	76	28
151400	37	1.8	9	0.32	240	<4	0.10	14	17	190	3	3	1600	34	11
151402	12	2.9	31	1.4	260	<4	1.0	8	16	430	9	10	2300	79	18
151403	21000	2.4	9	0.36	92	42	0.08	12	20	19000	7	11	2600	90	40
151404	14	2.0	6	0.22	53	<4	0.09	11	8	130	4	7	1900	53	10
151405	120	7.4	120	4.5	1200	<4	2.6	<4	80	550	23	<2	7000	170	14
151407	3500	1.2	44	0.49	370	<4	<0.05	7	12	<5	6	<2	2100	46	12
151408	73	2.2	32	1.9	900	<4	0.37	10	23	350	9	<2	3000	83	18
151409	940	1.9	22	1.1	470	4	0.06	8	21	340	8	5	2500	87	19
151410	21	1.5	23	3.7	670	4	0.45	10	10	140	4	4	2000	38	15
151411	150	1.0	20	2.2	550	<4	0.07	10	11	38	3	4	1800	30	13
151412	31	2.1	45	0.75	400	4	1.7	11	14	310	7	6	2100	65	13
151413	65	2.1	35	0.53	520	5	0.06	120	12	330	7	9	1500	58	13
151414	28	2.8	43	0.18	160	<4	0.06	11	12	300	6	6	3300	65	15
151415	27	2.3	22	0.66	540	<4	1.8	7	12	330	8	2	1800	70	14
151416	21	1.4	26	0.77	150	<4	1.3	11	13	210	5	8	2500	34	10
151417	100	1.8	32	1.2	310	<4	2.3	9	17	380	8	4	2300	61	12
151418	280	2.8	34	1.6	2200	<4	1.5	22	16	350	9	<2	3000	70	32
151419	8	1.1	14	0.43	160	<4	0.13	4	7	240	3	6	1200	34	9
151420	6	0.87	11	0.31	150	<4	0.22	<4	5	230	3	6	1100	28	8
151421	6	0.86	13	0.29	170	<4	0.06	<4	7	240	2	<2	940	36	9
151422	290	2.9	34	1.1	200	<4	0.66	15	18	320	7	5	4100	72	16
151423	7	0.92	11	0.40	150	<4	0.07	<4	5	160	4	3	1200	38	13
151424	6	0.82	13	0.59	170	<4	0.09	<4	6	230	2	2	980	26	10
151425	10	1.1	16	0.26	170	<4	0.13	<4	8	310	4	4	1300	38	11
151426	230	2.3	27	1.2	510	<4	2.2	8	16	330	7	3	1900	61	15
151427	99	2.4	43	1.0	380	5	0.19	13	17	11000	9	10	3000	57	47
151428	260	1.1	12	0.34	91	<4	0.38	18	4	17	3	9	2400	46	12
151429	18	2.5	25	1.3	400	<4	2.1	8	16	350	8	6	2500	66	16
151430	9	0.96	50	1.1	540	7	<0.05	9	20	130	2	7	990	25	9
151431	31	1.4	7	0.12	73	<4	0.06	11	<2	130	3	5	2100	31	11
151432	24	1.0	9	0.19	210	<4	0.07	6	8	220	2	3	890	23	7
151433	6	1.1	7	0.14	88	<4	0.07	4	6	150	2	9	990	26	8
151434	8	2.4	31	1.3	440	<4	0.38	9	11	410	8	3	1900	67	15
151435	16	2.2	37	1.4	450	5	1.8	5	16	370	8	7	1900	70	16

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY							SECTION 3 OF 3							
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPU (CPM)	ETH (PPM)	CPTH (CFM)	AS (PPM)	SE (PPM)
151378	65	81	0.08	130	36			0.1		1.6		7.4		1.6	1.2
151379	170	84	0.11	89	28			0.1		1.5		8.6		1.9	8.1
151380	<2	79	0.13	150	25			0.1		1.4		6.6		1.1	0.9
151381	25	150	2.7	330	64			3.0		1.8		8.2		2.8	0.6
151382	5	74	1.9	590	35			1.9		2.4		4.8		2.8	<0.1
151384	44	240	3.1	190	87			3.8		0.9		3.9		1.1	<0.1
151385	140	160	3.0	150	58			4.4		3.9		23.		2.8	0.3
151386	210	110	2.0	77	66			2.1		1.7		7.4		2.1	0.6
151387	25	530	6.0	52	200			6.9		2.7		15.		2.8	0.6
151388	<2	75	4.3	150	39			3.9		1.3		4.3		1.5	<0.1
151389	30	120	2.4	92	68			2.4		2.1		7.6		1.7	<0.1
151390	57	130	3.8	98	72			4.2		2.1		7.1		2.5	<0.1
151391	120	340	4.9	150	120			5.4		2.4		12.		2.7	<0.1
151392	65	86	1.9	100	73			2.2		2.0		6.9		2.4	<0.1
151393	24	460	5.6	40	180			6.5		3.7		11.		5.5	<0.1
151394	52	550	6.1	30	180			7.1		2.4		15.		1.9	<0.1
151395	210	83	2.8	84	58			2.8		1.8		6.9		2.2	0.8
151396	150	100	4.7	70	45			5.7		2.2		7.7		1.7	<0.1
151397	56	140	5.3	77	13			6.0		2.2		9.1		2.5	<0.1
151398	62	110	2.6	66	69			2.9		2.9		8.3		1.9	<0.1
151399	81	160	3.9	73	72			4.6		2.9		8.8		3.6	<0.1
151400	94	65	5.0	53	31			4.6		1.2		4.6		1.2	<0.1
151402	57	120	2.4	40	78			2.8		2.3		8.6		2.3	<0.1
151403	41	140	5.0	1300	<10			3.8		54.		3.8		13.	<0.1
151404	100	64	4.5	230	38			3.8		0.8		5.0		2.2	1.3
151405	240	53	1.9	99	16			1.7		1.6		0.0		1.7	0.5
151407	98	68	1.5	690	33			2.1		2.0		5.7		15.	0.1
151408	410	92	2.3	170	51			1.4		1.5		2.1		240.	<0.1
151409	280	110	2.4	210	63			2.8		3.6		7.5		470.	0.4
151410	160	82	1.7	130	30			1.9		1.2		4.8		4.7	<0.1
151411	70	63	2.3	110	23			2.2		1.2		5.4		3.6	<0.1
151412	120	81	2.4	90	45			2.6		1.8		6.7		4.5	<0.1
151413	250	76	2.0	140	84			2.6		2.3		6.4		5.8	0.7
151414	29	120	2.8	130	37			2.9		1.8		8.2		5.6	0.8
151415	94	88	2.0	100	52			1.9		2.0		4.5		3.5	0.1
151416	150	59	2.3	35	57			2.5		0.8		5.1		2.4	<0.1
151417	200	100	2.0	81	22			2.2		2.0		6.9		3.0	<0.1
151418	140	170	2.5	69	71			2.7		2.4		8.3		3.1	<0.1
151419	35	55	0.71	58	40			2.1		2.1		7.3		2.5	0.1
151420	26	57	0.76	47	36			4.1		3.3		9.2		2.1	<0.1
151421	25	45	0.67	53	25			1.3		1.1		2.1		1.5	0.3
151422	89	94	2.7	30	34			3.0		1.8		5.9		1.5	<0.1
151423	22	60	0.62	47	44			2.2		2.0		6.5		2.2	<0.1
151424	25	54	0.78	83	28			1.7		2.7		3.3		5.3	0.5
151425	38	57	0.68	46	40			3.5		4.2		9.7		2.5	<0.1
151426	190	98	2.0	79	56			2.1		3.2		7.6		2.2	0.3
151427	52	140	3.0	68	78			3.3		4.6		7.3		2.4	0.3
151428	<2	83	3.1	56	43			3.4		1.4		6.8		1.4	0.3
151429	44	96	2.3	91	71			2.6		1.9		7.5		2.2	0.6
151430	130	66	0.19	36	43	280		0.2		1.9		0.7		4.6	0.1
151431	98	79	3.3	190	33	520		4.0		1.6		7.5		1.1	0.1
151432	21	46	2.9	420	43	670		3.4		1.1		4.7		2.9	0.1
151433	28	50	3.4	230	42	700		3.6		1.5		4.7		1.4	0.4
151434	200	82	2.8	120	73	710		3.0		2.2		8.1		1.2	0.4
151435	49	83	2.5	67	62	720		2.7		2.2		7.8		1.2	0.4

VAN HORN UNCONFORMITY

GR SAMPLE NUMBER	D. O. ST	E. SAMPLE LAT	NUMBER LONG	TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	SECTION 1 OF 3			
												BE (PPM)	CA (%)	CO (PPM)	CR (PPM)
151436	40-31.126	-104.903	-3-92-		2.5	2.5	1.00	<2	4.4	40	1600	1	4.8	18	45
151437	40-31.128	-104.903	-3-92-		1.9	2.2	0.86	<2	4.3	51	7300	2	1.6	16	34
151438	40-31.126	-104.903	-3-92-		2.5	2.5	1.0	<2	5.6	27	420	2	1.5	17	54
151439	40-31.128	-104.903	-3-92-		0.91	1.0	0.91	<2	3.5	32	550	1	0.40	7	11
151440	40-31.128	-104.903	-3-92-		1.8	2.5	0.71	<2	5.3	86	1000	2	0.45	20	51
151441	40-31.137	-104.901	-3-92-		1.5	1.7	0.91	<2	2.9	15	620	1	3.0	8	19
151442	40-31.137	-104.901	-3-92-		1.7	1.1	1.5	<2	3.6	28	1100	1	0.28	8	11
151443	40-31.124	-104.900	-3-92-		1.3	1.7	0.76	<2	3.4	37	4500	1	0.64	7	12
151444	40-31.124	-104.900	-3-92-		2.4	2.0	1.2	<2	2.5	27	630	1	6.4	19	32
151445	40-31.125	-104.904	-3-92-		1.9	2.1	0.93	<2	3.8	47	1200	1	1.5	12	17
151446	40-31.125	-104.904	-3-92-		1.9	2.8	0.70	<2	5.2	37	310	2	1.4	20	53
151447	40-31.099	-104.890	-3-92-		2.8	2.5	1.1	<2	3.3	27	730	1	0.09	7	11
151448	40-31.110	-104.901	-3-92-		2.1	2.3	0.93	<2	5.1	30	360	1	1.6	12	36
151449	40-31.113	-104.900	-3-92-		3.3	4.5	0.73	<2	4.9	80	370	2	1.8	21	42
151450	40-31.113	-104.900	-3-92-		2.5	2.0	1.3	<2	5.1	82	370	2	2.1	18	50
151451	40-31.103	-104.913	-3-92-		3.3	3.3	1.0	<2	4.6	81	690	2	1.8	19	34
151452	40-31.103	-104.913	-3-92-		1.5	1.7	0.90	<2	3.8	26	630	1	0.60	20	16
151453	40-31.103	-104.913	-3-92-		2.2	2.2	1.0	<2	5.5	280	520	2	0.31	13	38
151454	40-31.105	-104.921	-3-92-		1.5	1.6	0.94	<2	5.0	<10	410	1	0.12	5	29
151455	40-31.105	-104.921	-3-92-		1.7	1.9	0.92	<2	4.6	11	490	<1	0.14	6	25
151457	40-31.202	-104.905	-3-92-		1.7	1.9	0.92	<2	5.1	20	330	1	0.96	13	52
151458	40-31.206	-104.909	-3-92-A		1.3	1.3	0.98	<2	4.3	15	870	2	0.37	16	22
151459	40-31.207	-104.915	-3-92-		1.9	2.0	0.97	<2	5.6	34	620	3	0.22	19	27
151460	40-31.207	-104.915	-3-92-		1.6	1.9	0.83	<2	5.2	10	440	1	0.75	15	46
151461	40-31.133	-104.887	-3-92-		1.8	1.6	1.1	<2	2.8	24	700	1	1.4	11	11
151462	40-31.224	-104.988	-3-92-		2.5	2.5	0.98	<2	5.2	13	910	1	2.1	12	56
151463	40-31.124	-104.900	-3-92-		1.7	1.4	1.2	<2	4.1	42	520	1	0.17	9	17
151464	40-31.125	-104.904	-3-92-		1.5	1.0	1.5	<2	3.5	34	620	1	0.10	7	8
151465	40-31.110	-104.901	-3-92-		9.0	8.7	1.0	<2	4.2	35	2800	3	0.10	19	19
151466	40-31.113	-104.900	-3-92-		2.5	3.4	0.73	<2	3.5	34	600	1	2.1	32	33
151467	40-31.101	-104.913	-3-92-		1.4	1.3	1.1	<2	3.0	61	430	1	1.6	7	7
151468	40-31.101	-104.913	-3-92-		16.	14.	1.2	2	2.4	840	350	1	4.1	21	19
151469	40-31.176	-104.822	-3-92-		0.97	1.3	0.75	<2	4.0	50	620	1	0.30	7	18
151470	40-31.179	-104.819	-3-92-		1.5	1.6	0.92	3	3.3	35	530	1	1.7	7	16
151471	40-31.173	-104.814	-3-92-		0.98	1.2	0.82	<2	3.6	44	530	1	0.12	6	10
151472	40-31.202	-104.905	-3-92-		2.1	1.8	1.2	<2	7.1	100	690	2	1.3	11	37
151473	40-31.221	-104.922	-3-92-		1.7	1.4	1.2	<2	5.9	<10	420	4	2.0	43	61
151474	40-31.206	-104.909	-3-92-B		1.8	1.3	1.4	<2	5.0	35	520	2	0.41	21	29
151475	40-31.202	-104.905	-3-92-D		2.0	2.0	1.0	<2	5.5	21	410	2	0.87	18	47
151476	40-31.133	-104.887	-3-92-		1.2	1.3	0.90	<2	4.0	37	570	1	0.41	8	12
151477	40-31.133	-104.887	-3-92-		2.7	2.6	1.0	<2	5.6	32	200	2	1.7	22	55
151478	40-31.202	-105.038	-3-92-		1.6	1.5	1.1	<2	3.8	37	430	1	1.5	8	22
151479	40-31.202	-105.038	-3-92-		1.9	1.6	1.2	<2	3.5	45	500	1	0.69	7	15
151480	40-31.202	-105.038	-3-92-		1.9	2.0	0.97	<2	5.2	29	370	2	2.5	22	49
151481	40-31.201	-105.041	-3-92-		3.3	2.4	1.4	<2	5.4	42	320	2	0.16	15	45
151482	40-31.204	-105.049	-3-92-B		2.4	2.6	0.92	<2	4.6	29	390	2	1.2	21	45
151483	40-31.204	-105.049	-3-92-A		2.3	1.8	1.3	<2	3.4	11	570	2	1.8	17	16
151484	40-31.204	-105.049	-3-92-D		2.4	2.7	0.88	<2	5.1	29	420	2	0.79	15	51
151485	40-31.097	-104.941	-3-92-		1.7	1.2	1.4	<2	4.2	41	590	1	0.12	7	9
151486	40-31.097	-104.941	-3-92-		0.68	0.50	1.4	<2	0.15	<10	69	<1	5.6	5	3
151487	40-31.098	-104.938	-3-92-		1.6	2.2	0.73	<2	4.2	38	560	1	0.35	8	14
151488	40-31.098	-104.938	-3-92-		1.9	1.4	1.3	<2	0.75	140	170	1	7.3	12	6
151489	40-31.200	-105.056	-3-92-		4.4	4.4	1.00	<2	6.1	12	610	3	0.11	5	1
151490	40-31.200	-105.056	-3-92-		2.0	1.8	1.1	<2	4.9	<10	330	3	0.26	44	56
151491	40-31.200	-105.056	-3-92-		5.3	0.40	13.	<2	6.4	<10	130	1	2.6	61	63

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 2 OF 3			
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MO (PPM)	NA (%)	NB (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151436	72	3.1	46	3.4	1300	4	1.1	17	27	350	12	<2	3400	77	17
151437	4	2.3	33	1.5	1300	<4	0.05	6	16	320	7	<2	1900	63	14
151438	65	2.3	37	1.3	340	<4	2.1	11	19	360	8	4	2100	75	15
151439	49	1.1	4	0.25	180	<4	0.08	7	9	120	2	4	890	20	7
151440	11	2.6	46	1.3	220	<4	<0.05	7	19	420	9	9	2000	72	14
151441	320	0.85	17	2.0	1100	<4	0.05	13	6	190	4	<2	1900	33	13
151442	15	1.3	8	0.18	110	<4	0.07	6	6	150	3	4	1300	33	9
151443	10	1.1	7	0.86	880	<4	0.06	<4	9	170	3	<2	1400	24	11
151444	39	2.2	35	4.5	1900	<4	0.68	4	14	310	8	<2	1900	51	18
151445	110	1.0	19	1.4	480	<4	0.07	16	13	170	3	4	1300	27	10
151446	11	2.8	46	1.1	380	<4	1.5	7	20	430	9	9	2400	78	17
151447	4	1.5	5	0.13	50	<4	0.07	<4	6	160	2	<2	1500	45	9
151448	26	1.7	28	1.4	630	6	2.0	7	16	370	6	9	1400	53	16
151449	5	2.6	46	0.96	240	<4	0.05	14	19	350	10	6	4900	74	17
151450	15	2.4	31	1.6	350	<4	0.05	7	11	420	8	5	2200	77	13
151451	80	1.2	44	1.4	250	<4	0.05	4	19	450	8	4	3000	73	14
151452	36	2.4	20	0.30	150	<4	0.08	8	12	160	5	<2	2500	70	10
151453	18	1.6	82	0.71	70	<4	0.08	5	15	620	6	4	1400	51	16
151454	21	1.4	7	0.37	74	<4	3.0	<4	10	320	4	2	1100	32	9
151455	16	1.3	10	0.34	82	<4	2.8	<4	7	310	4	5	1000	32	9
151457	24	2.4	24	1.5	630	<4	2.0	4	14	320	7	3	1800	59	15
151458	22	2.0	30	1.1	320	<4	0.43	14	14	300	8	<2	3300	46	18
151459	15	2.7	39	1.4	200	<4	0.20	17	16	250	8	7	3800	63	17
151460	26	2.4	28	1.2	520	<4	2.2	9	15	340	8	6	2400	69	16
151461	32	1.1	9	0.60	360	<4	0.13	6	8	230	3	10	1400	28	13
151462	1200	2.1	27	1.3	520	<4	2.5	8	17	270	7	<2	2200	58	18
151463	26	2.1	6	0.45	240	<4	0.08	7	6	190	4	<2	2000	27	10
151464	9	1.1	4	0.19	170	<4	0.08	4	4	110	2	2	950	17	8
151465	170	3.2	9	0.23	130	<4	0.08	120	20	180	4	6	3000	79	12
151466	37	2.8	14	0.42	330	<4	0.06	15	38	230	7	9	4100	91	16
151467	33	0.97	12	1.3	170	<4	<0.05	<4	3	130	2	6	850	17	7
151468	230	8.1	17	2.9	5900	4	0.13	<4	16	360	12	<2	1600	190	14
151469	91	1.4	5	0.32	130	<4	0.09	7	5	140	3	5	2400	58	11
151470	18	1.7	5	0.26	24	4	0.08	8	3	120	3	12	2600	63	11
151471	48	1.1	5	0.12	140	<4	0.08	4	6	160	3	5	1500	27	9
151472	2800	2.1	34	1.2	950	<4	1.3	5	19	78	7	<2	2000	65	15
151473	150	4.9	77	1.5	1000	<4	1.3	190	38	620	20	2	5800	140	21
151474	640	2.5	46	1.7	520	<4	0.38	10	20	270	11	3	3800	74	16
151475	300	2.6	28	1.2	540	<4	2.3	110	18	320	7	3	1700	60	13
151476	8	1.8	6	0.18	140	<4	0.08	7	8	130	3	4	1500	30	9
151477	13	3.0	43	2.4	430	<4	1.8	9	23	390	10	3	2600	86	16
151478	19	1.4	38	0.51	230	<4	0.06	14	9	220	4	7	1700	37	16
151479	14	1.4	32	0.53	380	<4	0.06	14	6	130	4	2	2000	38	18
151480	43	2.4	61	1.5	630	<4	0.11	11	17	350	8	<2	2400	67	17
151481	19	3.1	24	0.55	120	<4	1.5	7	19	300	9	7	2700	59	17
151482	360	3.0	46	1.2	420	<4	1.3	32	17	310	9	<2	4400	91	19
151483	10	2.2	45	1.5	830	<4	0.76	5	17	210	6	<2	1500	39	17
151484	170	2.8	33	1.3	410	<4	1.9	8	15	410	9	6	2200	76	18
151485	280	1.7	30	0.62	70	<4	0.09	6	9	140	3	2	1300	25	9
151486	33	0.46	32	6.1	1300	<4	<0.05	5	3	12	1	<2	140	13	3
151487	350	1.8	22	0.35	110	<4	0.08	12	7	120	3	6	1700	40	15
151488	210	1.9	20	4.8	2500	5	0.05	4	7	73	2	<2	190	19	8
151489	150	1.4	6	0.11	180	<4	3.1	47	2	180	3	13	1600	15	31
151490	210	5.0	46	2.7	1200	<4	1.5	16	29	330	16	4	7500	200	21
151491	130	7.7	28	3.3	1600	<4	2.3	4	52	460	32	<2	7400	290	23

DR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 3 OF 3			
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPJ (CPM)	ETH (PPM)	CPTH (CPM)	AS (PPM)	SE (PPM)
151436	240	83	2.6	90	41	640		2.5		2.3		4.8		1.3	0.4
151437	57	80	3.7	170	56	600		4.4		2.2		8.5		4.0	0.2
151438	72	91	2.8	62	71	740		2.8		2.4		8.1		1.4	0.1
151439	180	40	3.8	60	31	720		4.4		3.0		5.6		1.1	0.2
151440	64	92	4.2	52	71	870		5.0		2.5		8.6		0.9	0.1
151441	39	67	2.4	89	35	720		2.5		1.4		5.8		1.1	0.2
151442	37	59	3.8	150	38	720		4.5		1.4		4.8		0.8	<0.1
151443	31	60	3.5	170	35	900		4.7		1.5		5.2		1.2	0.4
151444	100	68	1.6	200	38	600		1.7		2.7		4.1		1.1	0.4
151445	<2	63	3.8	78	37	840		3.7		2.3		5.7		1.3	0.3
151446	59	99	2.6	77	69	720		2.4		1.7		5.4		1.4	0.2
151447	17	60	3.7	83	20	900		3.8		4.2		5.4		10.	0.1
151448	72	78	2.6	74	83	790		2.7		2.2		6.3		2.0	0.4
151449	41	120	4.2	100	<10	910		5.1		4.2		10.		4.5	0.4
151450	37	78	4.1	65	68	820		4.7		2.3		7.2		1.4	0.1
151451	71	110	3.1	88	38	720		3.7		2.7		6.8		7.5	1.0
151452	83	72	3.3	99	32	770								5.6	0.6
151453	31	110	3.8	40	55	840		4.7		1.8		8.2		1.9	0.6
151454	33	70	1.9	52	48	630		2.4		1.4		6.4		1.1	0.4
151455	25	64	2.3	53	56	630		2.5		1.6		6.1		1.1	0.2
151457	59	93	1.9	84	50	610		2.2		5.3		7.4		0.7	0.4
151458	130	89	2.9	42	16	710								0.9	0.3
151459	140	110	3.8	34	43	660		1.8		0.8		1.1		0.9	0.4
151460	46	110	1.9	85	53	540		2.2		2.6		6.8		3.8	0.9
151461	10	88	2.9	200	33	650		1.9		3.2		14.		3.2	0.6
151462	120	95	2.1	83	54	660		2.2		2.4		8.6		1.2	0.4
151463	130	59	4.3	92	24	960		4.1		1.9		6.8		1.2	0.3
151464	57	46	4.0	65	<10	900		4.0		1.1		4.5		1.2	0.4
151465	250	91	4.4	110	36	1300		3.9		6.4		5.5		14.	0.6
151466	160	120	3.4	190	27	760		3.6		3.0		11.		8.3	0.4
151467	35	43	2.5	390	29	670		2.5		2.3		3.6		1.9	0.2
151468	34	60	2.3	91	120	600		2.6		2.8		3.3		7.5	0.8
151469	20	86	4.3	200	38	550		3.9		0.9		5.5		1.2	0.5
151470	29	88	3.8	140	44	620		4.4		3.6		7.4		2.3	0.6
151471	24	57	4.2	130	35	900		4.2		1.4		7.4		0.7	<0.1
151472	140	82	2.0	84	64	700		2.2		1.6		6.6		1.3	0.3
151473	270	92	2.0	120	56	730		2.9		2.7		9.1		1.8	0.1
151474	100	76	2.6	36	78	640		3.4		1.7		7.3		0.9	0.4
151475	<2	99	2.2	67	42	780		2.2		1.9		6.5		1.4	0.1
151476	140	56	4.3	110	35	720		4.2		1.5		4.9		2.2	0.6
151477	74	98	2.6	57	65	560		4.3		3.1		13.		1.4	0.4
151478	160	100	2.7	230	43			2.6		1.7		6.3		1.9	0.3
151479	97	130	2.5	120	39			2.8		1.4		6.8		1.2	0.1
151480	250	98	2.3	110	63			2.5		1.9		7.5		4.6	0.1
151481	25	110	2.7	100	65			3.0		2.3		8.0		1.5	0.4
151482	77	120	2.4	130	60			2.6		3.7		8.9		2.2	0.4
151483	53	64	2.5	140	78			2.6		1.8		3.4		0.5	0.1
151484	55	120	2.3	91	74			2.5		2.1		7.9		2.2	1.1
151485	33	65	3.5	85	26	650		3.6		1.9		10.		2.2	<0.1
151486	25	16	0.05	150	21	290		0.0		0.2		0.0		3.2	0.3
151487	<2	99	3.9	230	51	720		3.9		2.2		9.9		2.2	0.5
151488	32	25	0.19	170	32	380		0.1		1.6		0.9		1.1	0.2
151489	54	280	4.6	50	42	740		4.9		3.9		19.		0.9	0.4
151490	220	140	1.7	96	56	660		1.6		1.5		5.4		9.0	0.3
151491	91	80	0.46	230	56	410		0.5		0.9		1.2		1.1	0.4

VAN HORN UNCONFORMITY

SECTION 1 OF 3

DR SAMPLE NUMBER	D. O. ST	E. LAT	SAMPLE LONG	NUMBER L TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	CA (%)	CU (PPM)	CR (PPM)
151492	40-31.200	-105.052	-3-92-		2.5	2.8	0.91	<2	5.3	<10	890	3	0.74	13	6
151493	40-31.200	-105.052	-3-92-		1.3	1.3	1.0	<2	5.2	<10	320	3	0.70	36	35
151494	40-31.200	-105.052	-3-92-		0.25	0.20	1.3	<2	5.9	<10	250	1	1.1	53	51
151495	40-31.237	-104.992	-3-92-		<0.25	0.10	1.3	<2	5.9	<10	340	1	4.9	53	110
151496	40-31.209	-105.049	-3-92-		1.9	2.1	0.90	<2	2.5	26	2000	1	3.4	13	12
151497	40-31.155	-104.856	-3-92-A		2.9	3.6	0.81	<2	4.9	48	840	2	0.54	14	22
151498	40-31.155	-104.856	-3-92-B		3.6	5.8	0.63	<2	5.7	62	1800	4	0.17	8	9
151499	40-31.155	-104.856	-3-92-C		1.6	2.8	0.57	<2	5.4	29	390	2	1.0	14	54
151500	40-31.157	-104.862	-3-92-B		0.79	1.0	0.79	<2	3.4	41	710	1	0.57	5	9
151501	40-31.157	-104.862	-3-92-C		1.6	2.2	0.71	<2	5.5	49	400	2	1.4	15	48
151502	40-31.155	-104.866	-3-92-A		2.1	2.8	0.74	<2	5.3	32	390	2	1.3	12	50
151503	40-31.155	-104.866	-3-92-B		2.8	2.9	0.96	<2	5.2	94	660	2	0.73	20	32
151504	40-31.155	-104.866	-3-92-C		1.7	2.9	0.60	<2	5.4	34	410	2	1.4	18	51
151505	40-31.153	-104.874	-3-92-A		1.8	2.2	0.80	<2	4.8	39	1300	2	0.32	4	14
151506	40-31.153	-104.874	-3-92-B		1.5	2.0	0.75	<2	4.8	52	1600	2	0.58	11	25
151507	40-31.153	-104.875	-3-92-C		1.5	3.0	0.50	<2	5.4	28	630	2	0.67	16	49
151508	40-31.142	-104.871	-3-92-A		5.8	7.7	0.76	<2	2.8	16	130	1	0.52	10	14
151509	40-31.142	-104.871	-3-92-B		1.3	1.9	0.70	<2	3.7	51	600	1	0.07	5	16
151510	40-31.142	-104.871	-3-92-C		1.0	1.1	0.92	<2	0.22	<10	35	1	14.	7	5
151511	40-31.185	-104.896	-3-92-B		2.3	3.1	0.75	<2	5.7	<10	500	2	0.78	10	17
151512	40-31.185	-104.896	-3-92-C		1.8	2.3	0.79	<2	5.4	18	400	1	1.8	14	48
151513	40-31.186	-104.894	-3-92-A		1.4	1.8	0.81	<2	4.7	11	460	2	0.57	14	33
151514	40-31.186	-104.894	-3-92-B		1.2	1.7	0.71	<2	3.4	<10	460	2	1.4	11	11
151515	40-31.186	-104.894	-3-92-C		1.3	1.9	0.66	<2	5.4	17	340	1	1.4	15	51
151516	40-31.207	-104.921	-3-92-B		1.4	2.2	0.65	<2	5.0	30	520	2	0.16	16	28
151517	40-31.207	-104.921	-3-92-C		1.8	2.1	0.86	<2	5.2	13	330	1	0.36	16	41
151518	40-31.153	-104.872	-3-92-B		1.7	2.8	0.62	<2	4.7	49	4300	2	0.25	8	22
151519	40-31.153	-104.872	-3-92-C		1.5	2.1	0.73	<2	4.2	32	600	1	6.2	19	39
151520	40-31.147	-104.848	-3-92-D		1.6	2.7	0.60	<2	5.7	30	330	2	0.34	18	54
151521	40-31.153	-104.872	-3-92-D		1.4	1.6	0.86	<2	1.3	<10	130	<1	12.	<4	11
151522	40-31.144	-104.872	-3-92-C		1.8	2.3	0.76	<2	4.7	18	290	1	1.6	18	33
151523	40-31.144	-104.872	-3-92-D		2.9			<2	4.9	20	2200	1	0.18	17	37
151524	40-31.136	-104.899	-3-92-A		1.6	2.8	0.56	<2	4.7	21	290	2	1.3	13	51
151525	40-31.136	-104.899	-3-92-B		0.67	1.2	0.56	<2	3.4	48	550	1	0.35	7	10
151526	40-31.136	-104.899	-3-92-C		2.0	3.1	0.66	<2	4.6	21	230	2	1.9	13	62
151527	40-31.219	-104.998	-3-92-A		1.4	1.5	0.91	<2	3.4	35	780	1	0.43	4	10
151528	40-31.219	-104.998	-3-92-B		1.5	2.4	0.63	<2	2.9	34	570	1	0.71	9	13
151529	40-31.219	-104.998	-3-92-C		1.6	2.3	0.71	<2	4.0	39	830	2	3.3	15	38
151530	40-31.128	-104.907	-3-92-A		1.7	2.5	0.68	<2	4.1	22	740	<1	7.2	19	57
151531	40-31.128	-104.907	-3-92-B		1.7	2.6	0.64	<2	4.6	23	230	1	3.8	19	39
151532	40-31.128	-104.907	-3-92-C		2.2			<2	5.2	22	370	1	1.6	13	40
151533	40-31.128	-104.907	-3-92-D		1.3	1.9	0.66	<2	4.0	56	590	1	0.83	9	32
151534	40-31.135	-104.901	-3-92-A		2.1	2.9	0.74	<2	4.2	39	470	<1	1.3	26	38
151535	40-31.135	-104.901	-3-92-B		1.5	1.5	1.0	<2	4.1	27	3000	1	0.60	10	15
151536	40-31.135	-104.901	-3-92-C		2.0	2.2	0.90	<2	5.3	33	370	1	1.4	13	53
151537	40-31.111	-104.902	-3-92-A		2.8	3.1	0.89	<2	5.3	49	1100	1	0.51	12	23
151538	40-31.111	-104.902	-3-92-B		2.0	2.6	0.75	<2	3.4	29	530	1	0.15	6	14
151539	40-31.111	-104.902	-3-92-C		1.8	2.4	0.76	<2	4.4	14	460	<1	1.8	12	37
151540	40-31.112	-104.901	-3-92-A		1.9	2.1	0.93	<2	4.7	20	320	1	1.6	14	31
151541	40-31.112	-104.901	-3-92-B		1.0	1.1	0.92	<2	2.8	41	510	1	0.19	5	8
151542	40-31.112	-104.901	-3-92-C		1.6	1.9	0.86	<2	5.3	23	360	1	1.2	13	37
151543	40-31.082	-104.892	-3-92-A		2.1	2.5	0.85	<2	5.0	25	330	1	0.29	10	40
151544	40-31.082	-104.892	-3-92-B		3.2	3.5	0.92	<2	4.5	27	250	1	0.21	25	54
151545	40-31.082	-104.892	-3-92-C		1.7	1.7	1.0	<2	5.0	18	6800	1	0.17	<4	26
151546	40-31.205	-104.904	-3-92-B		3.2	3.3	0.97	2	4.4	17	680	2	0.15	10	8

VAN HORN UNCONFORMITY

SECTION 1 OF 3

OR SAMPLE NUMBER	D. D. ST	E. LAT	SAMPLE LONG	NUMBER L TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	CA (%)	CO (PPM)	CR (PPM)
151492	40-31.200	-105.052	-3-92-		2.5	2.8	0.91	<2	5.3	<10	890	3	0.74	13	6
151493	40-31.200	-105.052	-3-92-		1.3	1.3	1.0	<2	5.2	<10	320	3	0.70	36	35
151494	40-31.200	-105.052	-3-92-		0.25	0.20	1.3	<2	5.9	<10	250	1	1.1	53	51
151495	40-31.237	-104.992	-3-92-		<0.25	0.10	1.3	<2	5.9	<10	340	1	4.9	53	110
151496	40-31.209	-105.049	-3-92-		1.9	2.1	0.90	<2	2.5	26	2000	1	3.4	13	12
151497	40-31.155	-104.856	-3-92-A		2.9	3.6	0.81	<2	4.9	48	840	2	0.54	14	22
151498	40-31.155	-104.856	-3-92-B		3.6	5.8	0.63	<2	5.7	62	1800	4	0.17	8	9
151499	40-31.155	-104.856	-3-92-C		1.6	2.8	0.57	<2	5.4	29	390	2	1.0	14	54
151500	40-31.157	-104.862	-3-92-B		0.79	1.0	0.79	<2	3.4	41	710	1	0.57	5	9
151501	40-31.157	-104.862	-3-92-C		1.6	2.2	0.71	<2	5.5	49	400	2	1.4	15	48
151502	40-31.155	-104.866	-3-92-A		2.1	2.8	0.74	<2	5.3	32	390	2	1.3	12	50
151503	40-31.155	-104.866	-3-92-B		2.8	2.9	0.96	<2	5.2	94	660	2	0.73	20	32
151504	40-31.155	-104.866	-3-92-C		1.7	2.9	0.60	<2	5.4	34	410	2	1.4	18	51
151505	40-31.153	-104.874	-3-92-A		1.8	2.2	0.80	<2	4.8	39	1300	2	0.32	4	14
151506	40-31.153	-104.874	-3-92-B		1.5	2.0	0.75	<2	4.8	52	1600	2	0.58	11	25
151507	40-31.153	-104.875	-3-92-C		1.5	3.0	0.50	<2	5.4	28	630	2	0.67	16	49
151508	40-31.142	-104.871	-3-92-A		5.8	7.7	0.76	<2	2.8	16	130	1	0.52	10	14
151509	40-31.142	-104.871	-3-92-B		1.3	1.9	0.70	<2	3.7	51	600	1	0.07	5	16
151510	40-31.142	-104.871	-3-92-C		1.0	1.1	0.92	<2	0.22	<10	35	1	14.	7	5
151511	40-31.185	-104.896	-3-92-B		2.3	3.1	0.75	<2	5.7	<10	500	2	0.78	10	17
151512	40-31.185	-104.896	-3-92-C		1.8	2.3	0.79	<2	5.4	18	400	1	1.8	14	48
151513	40-31.186	-104.894	-3-92-A		1.4	1.8	0.81	<2	4.7	11	460	2	0.97	14	33
151514	40-31.186	-104.894	-3-92-B		1.2	1.7	0.71	<2	3.4	<10	460	2	1.4	11	11
151515	40-31.186	-104.894	-3-92-C		1.3	1.9	0.66	<2	5.4	17	340	1	1.2	15	51
151516	40-31.207	-104.921	-3-92-B		1.4	2.2	0.65	<2	5.0	30	520	2	0.16	16	28
151517	40-31.207	-104.921	-3-92-C		1.8	2.1	0.86	<2	5.2	13	350	1	0.36	16	41
151518	40-31.153	-104.872	-3-92-B		1.7	2.8	0.62	<2	4.7	49	4300	2	0.25	8	22
151519	40-31.153	-104.872	-3-92-C		1.5	2.1	0.73	<2	4.2	32	600	1	6.2	19	39
151520	40-31.147	-104.848	-3-92-D		1.6	2.7	0.60	<2	5.7	30	350	2	0.34	18	54
151521	40-31.153	-104.872	-3-92-D		1.4	1.6	0.86	<2	1.3	<10	130	<1	12.	<4	11
151522	40-31.144	-104.872	-3-92-C		1.8	2.3	0.76	<2	4.7	18	250	1	1.6	18	33
151523	40-31.144	-104.872	-3-92-D		2.9			<2	4.9	20	2200	1	0.18	17	37
151524	40-31.136	-104.899	-3-92-A		1.6	2.8	0.56	<2	4.7	21	290	2	1.3	13	51
151525	40-31.136	-104.899	-3-92-B		0.67	1.2	0.56	<2	3.4	48	550	1	0.35	7	10
151526	40-31.136	-104.899	-3-92-C		2.0	3.1	0.66	<2	4.6	21	250	2	1.9	13	62
151527	40-31.219	-104.998	-3-92-A		1.4	1.5	0.91	<2	3.4	35	780	1	0.43	4	10
151528	40-31.219	-104.998	-3-92-B		1.5	2.4	0.63	<2	2.9	34	570	1	0.71	9	13
151529	40-31.219	-104.998	-3-92-C		1.6	2.3	0.71	<2	4.0	39	850	2	3.3	15	38
151530	40-31.128	-104.907	-3-92-A		1.7	2.5	0.68	<2	4.1	22	740	<1	7.2	19	57
151531	40-31.128	-104.907	-3-92-B		1.7	2.6	0.64	<2	4.6	23	280	1	3.8	19	39
151532	40-31.128	-104.907	-3-92-C		2.2			<2	5.2	22	370	1	1.6	13	40
151533	40-31.128	-104.907	-3-92-D		1.3	1.9	0.66	<2	4.0	56	590	1	0.83	9	32
151534	40-31.135	-104.901	-3-92-A		2.1	2.9	0.74	<2	4.2	39	470	<1	1.3	26	38
151535	40-31.135	-104.901	-3-92-B		1.5	1.5	1.0	<2	4.1	27	5000	1	0.60	10	15
151536	40-31.135	-104.901	-3-92-C		2.0	2.2	0.90	<2	5.3	33	370	1	1.4	13	53
151537	40-31.111	-104.902	-3-92-A		2.8	3.1	0.89	<2	5.3	49	1100	1	0.51	12	23
151538	40-31.111	-104.902	-3-92-B		2.0	2.6	0.75	<2	3.4	29	530	1	0.15	6	14
151539	40-31.111	-104.902	-3-92-C		1.8	2.4	0.76	<2	4.4	14	460	<1	1.8	12	37
151540	40-31.112	-104.901	-3-92-A		1.9	2.1	0.93	<2	4.7	20	320	1	1.6	14	31
151541	40-31.112	-104.901	-3-92-B		1.0	1.1	0.92	<2	2.8	41	510	1	0.19	5	8
151542	40-31.112	-104.901	-3-92-C		1.6	1.9	0.86	<2	5.3	23	360	1	1.2	13	37
151543	40-31.082	-104.892	-3-92-A		2.1	2.5	0.85	<2	5.0	25	330	1	0.29	10	40
151544	40-31.082	-104.892	-3-92-B		3.2	3.5	0.92	<2	4.5	27	250	1	0.21	25	54
151545	40-31.082	-104.892	-3-92-C		1.7	1.7	1.0	<2	5.0	18	6800	1	0.17	<4	26
151546	40-31.205	-104.904	-3-92-B		3.2	3.3	0.97	2	4.4	17	680	2	0.15	10	8

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 2 OF 3			
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MO (PPM)	NA (%)	NB (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151492	15	2.7	15	0.38	360	<4	2.5	30	6	440	7	14	2800	32	37
151493	15	4.1	42	2.1	1200	<4	2.2	9	38	310	16	<2	4100	160	16
151494	21	6.3	68	3.8	1300	<4	2.8	4	68	170	23	<2	5700	230	14
151495	340	6.3	46	2.8	1200	4	2.2	40	70	450	19	4	6800	140	14
151496	7	2.4	15	0.24	230	5	0.23	14	9	200	4	8	1700	46	19
151497	23	2.6	13	0.56	400	<4	0.08	21	11	270	5	5	1900	36	28
151498	8	3.0	4	0.29	250	<4	0.17	66	7	170	3	10	2100	28	60
151499	21	2.9	18	0.95	340	<4	1.6	7	14	450	9	7	2400	67	19
151500	13	1.1	4	0.28	140	<4	0.05	<4	7	160	2	3	890	15	8
151501	19	2.1	31	1.3	750	4	0.06	7	15	410	7	6	1900	50	16
151502	20	2.6	19	1.1	870	<4	1.5	6	10	420	7	4	2500	56	20
151503	17	3.1	11	0.50	440	<4	0.05	9	14	330	8	5	3500	45	17
151504	17	2.7	22	1.1	790	5	1.4	8	16	430	8	8	2200	61	18
151505	8	1.3	11	0.44	170	<4	0.11	47	3	180	4	5	2300	20	31
151506	7	2.7	14	0.56	110	<4	0.08	11	12	270	6	5	3400	57	13
151507	19	2.8	23	1.1	300	<4	1.6	6	16	440	8	5	2000	57	18
151508	31	1.9	6	0.19	450	<4	0.05	5	13	230	6	4	1200	23	22
151509	10	1.4	5	0.19	60	<4	0.08	10	4	220	3	9	1600	31	10
151510	82	0.84	3	6.2	5600	<4	0.05	<4	6	120	1	<2	120	5	8
151511	28	2.3	30	0.08	260	<4	0.06	15	12	250	5	8	2400	39	23
151512	22	2.4	18	0.96	570	<4	1.7	7	15	370	7	5	2300	55	16
151513	20	2.3	24	1.3	450	4	1.2	10	13	290	6	5	1500	41	13
151514	12	2.1	21	1.3	330	<4	0.38	10	8	180	3	4	1300	20	17
151515	18	2.5	23	1.8	750	<4	1.7	5	12	360	7	2	1600	53	13
151516	16	2.3	25	0.97	180	<4	0.13	20	12	320	8	3	3500	43	22
151517	18	2.6	24	1.2	330	<4	1.9	6	16	370	7	3	1900	59	13
151518	6	3.5	10	0.45	58	<4	0.08	47	6	290	5	6	3100	49	26
151519	28	2.4	15	1.0	650	6	0.47	8	12	400	7	7	1500	56	16
151520	21	2.8	24	1.3	500	<4	1.4	8	18	470	9	4	2200	64	16
151521	15	0.75	7	5.9	250	<4	<0.05	5	2	480	2	<2	720	13	9
151522	21	2.1	20	1.1	340	<4	1.5	6	19	320	6	6	1700	43	18
151523	15	2.4	22	1.1	82	<4	1.1	5	13	350	6	6	2100	59	14
151524	21	2.5	12	0.54	410	4	1.4	23	15	540	10	9	2200	81	18
151525	14	1.7	5	0.26	150	<4	0.06	15	8	250	4	3	2000	37	11
151526	21	2.6	12	1.1	380	5	1.6	25	18	560	10	8	2600	86	19
151527	18	0.98	5	0.35	290	<4	0.13	4	6	130	2	5	920	51	10
151528	10	1.6	4	0.40	260	<4	0.06	17	5	210	3	6	2000	38	11
151529	9	2.4	31	1.8	1100	<4	0.88	32	15	500	9	8	2400	67	22
151530	8	3.2	34	2.6	1200	5	0.99	12	18	460	10	6	3100	100	22
151531	19	2.8	53	2.6	1300	<4	1.0	10	18	470	9	3	3000	65	19
151532	10	1.9	31	1.3	260	<4	1.5	8	13	390	6	7	1500	57	13
151533	12	1.3	22	1.1	280	<4	<0.05	7	13	320	6	8	1200	46	13
151534	12	2.9	13	1.1	1500	<4	0.06	16	28	280	8	9	4500	96	18
151535	15	2.2	10	0.43	570	<4	0.07	9	10	990	6	5	2000	31	19
151536	12	2.0	42	1.1	940	<4	0.05	5	12	360	6	2	1500	57	15
151537	30	1.9	14	0.35	280	<4	0.46	11	9	280	5	2	2300	61	13
151538	17	1.2	5	0.15	67	<4	0.09	7	7	130	3	7	1300	39	8
151539	18	1.7	23	1.1	880	5	2.0	7	11	400	5	6	1500	43	14
151540	22	1.6	24	1.1	890	<4	1.2	6	15	340	4	<2	1400	44	10
151541	7	1.4	3	0.25	63	<4	0.06	10	3	140	3	<2	1300	26	9
151542	19	1.7	19	0.59	440	<4	2.1	5	18	450	6	4	1700	55	12
151543	17	1.9	30	0.63	130	<4	1.8	6	13	830	6	<2	1900	51	14
151544	14	4.7	48	1.4	140	<4	<0.05	12	18	660	9	5	3400	100	20
151545	17	1.5	16	0.40	150	<4	2.8	6	14	320	4	5	1000	35	10
151546	12	2.7	19	0.66	100	<4	0.28	96	4	250	3	12	1800	25	67

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY							SECTION 3 OF 3							
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPU (CPM)	ETH (PPM)	CPTH (CPM)	AS (PPM)	SE (PPM)
151492	61	180	3.3	90	50	900		3.5		2.4		12.		1.7	0.8
151493	160	81	1.6	120	72	500		2.9		2.7		7.7		1.4	0.4
151494	99	78	0.74	330	77	430		0.7		0.4		0.7		0.9	0.4
151495	57	33	3.2	230	<10	490		3.0		0.4		0.7		0.6	0.1
151496	56	130	2.2	510	64		580	2.9	560	6.9	160	10.	66	0.9	0.4
151497	44	160	4.5	70	110			3.8		2.3		8.5		1.7	<0.1
151498	31	440	6.4	43	230			7.1		3.5		18.		1.8	<0.1
151499	52	110	2.6	78	71			2.6		2.9		8.3		1.5	<0.1
151500	21	46	4.0	120	43			4.6		1.5		5.0		0.5	<0.1
151501	50	86	3.5	28	68			3.9		2.4		7.8		1.4	<0.1
151502	42	97	2.7	77	73			1.6		1.4		4.6		0.6	<0.1
151503	34	89	5.3	74	82			5.7		2.6		10.		1.2	<0.1
151504	76	99	2.9	75	76			2.9		2.8		7.9		0.9	<0.1
151505	51	220	5.6	31	120			6.0		1.5		9.8		0.3	<0.1
151506	36	81	4.9	54	57			4.5		1.8		4.9		<0.1	<0.1
151507	66	110	2.4	52	82			2.3		2.3		7.9		1.4	<0.1
151508	190	200	3.8	21	28			2.5		3.0		1.1		2.5	<0.1
151509	18	75	3.9	220	67			3.9		1.9		7.1		<0.1	<0.1
151510	86	9	0.15	250	30			0.1		0.6		0.8		0.2	<0.1
151511	55	140	3.6	220	120			3.9		3.0		14.		0.5	<0.1
151512	43	86	2.2	86	61			2.2		2.5		7.3		1.1	<0.1
151513	51	87	2.3	60	53			2.5		1.9		7.1		0.3	<0.1
151514	39	110	2.6	49	71			2.9		1.7		6.8		<0.1	<0.1
151515	59	76	2.2	73	63			2.2		2.0		6.3		0.3	<0.1
151516	45	140	3.7	26	71			3.9		2.1		8.9		0.2	<0.1
151517	46	110	2.0	60	46			2.3		2.0		7.3		0.7	<0.1
151518	40	180	4.9	67	110			5.3		1.9		9.4		0.3	<0.1
151519	84	84	3.0	56	57			2.7		2.2		7.8		1.3	<0.1
151520	66	100	2.7	52	63			2.7		2.2		7.8		0.8	<0.1
151521	25	30	1.4	94	23			0.9		1.9		1.9		0.8	<0.1
151522	66	91	2.1	77	69			2.3		2.2		6.9		0.5	<0.1
151523	40	98	2.6	64	70			2.7		2.8		7.3		1.7	<0.1
151524	40	100	2.0	58	35	770		2.7		3.2		9.4		1.1	<0.1
151525	34	67	3.4	270	31	800		4.5		1.1		6.2		0.5	<0.1
151526	44	120	1.9	71	38	740		2.5		4.5		10.		2.2	0.9
151527	28	54	3.4	70	59	780		4.6		2.2		4.9		0.5	0.7
151528	30	69	3.1	71	23	780		3.5		2.4		6.5		0.5	<0.1
151529	69	110	2.3	89	28	770		3.1		2.9		8.2		0.3	<0.1
151530	83	89	2.2	100	88	780		2.4		2.3		5.7		1.4	0.6
151531	67	110	2.2	57	71	620		2.6		2.3		8.3		1.2	0.7
151532	55	79	2.8	78	83	870		3.4		2.2		9.5		0.7	0.4
151533	48	66	3.1	40	85	880		2.7		1.1		4.2		0.6	0.5
151534	110	130	3.6	130	81	950		2.9		2.5		8.4		4.8	0.4
151535	37	72	4.1	510	55	820		2.3		1.7		7.0		2.6	0.8
151536	48	80	2.8	39	84	820		2.8		2.4		7.0		1.3	0.5
151537	27	78	4.5	71	82	800								3.4	0.5
151538	15	51	3.7	69	57	780		2.6		3.6		8.6		2.3	0.6
151539	32	74	2.1	63	83	780		2.4		2.3		7.3		2.1	0.8
151540	32	61	3.0	86	64	720								4.3	0.7
151541	9	60	3.3	100	<10	680		4.1		0.9		5.0		2.9	<0.1
151542	31	88	2.5	69	73	710		2.8		1.8		7.1		1.1	0.5
151543	28	78	2.6	58	71	770		2.8		2.3		8.1		1.8	0.8
151544	53	100	2.9	43	120	740		2.2		2.4		6.6		4.9	0.6
151545	23	81	2.0	130	58	670		4.1		2.1		7.3		1.4	0.5
151546	48	560	3.2	28	180	610		4.1		2.3		15.		0.5	0.3

VAN HORN UNCONFORMITY

SECTION 1 OF 3

DR SAMPLE NUMBER	D. ST	D. LAT	E. LONG	SAMPLE NUMBER	TY	REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	CA (%)	CO (PPM)	CR (PPM)
151548	40-31.205	-104.904	-3-92-C				0.79	1.8	0.44	<2	5.2	<10	620	1	0.23	15	50
151549	40-31.207	-104.913	-3-92-B				0.91	1.9	0.48	<2	4.2	22	410	<1	0.12	13	26
151550	40-31.207	-104.913	-3-92-C				1.0	1.9	0.55	<2	5.1	13	360	1	0.26	13	52
151551	40-31.201	-105.049	-3-92-A				1.1	1.3	0.85	<2	4.0	28	520	1	0.43	7	10
151552	40-31.201	-105.049	-3-92-C				1.6	1.7	0.97	<2	0.26	13	31	<1	1.6	4	6
151553	40-31.214	-105.101	-3-92-A				2.1	2.5	0.83	<2	5.1	120	450	<1	0.59	23	39
151554	40-31.211	-105.096	-3-92-A				1.4	1.7	0.82	<2	3.4	77	650	<1	0.13	12	31
151555	40-31.214	-105.101	-3-92-C				3.1	2.7	1.1	<2	7.9	60	480	1	0.19	23	88
151556	40-31.211	-105.096	-3-92-B				1.1	1.9	0.56	<2	3.8	69	230	<1	0.50	18	19
151557	40-31.211	-105.096	-3-92-C				1.7	2.4	0.71	<2	5.4	32	230	1	0.13	14	45
151558	40-31.210	-105.093	-3-92-A				1.6	2.4	0.68	<2	5.2	30	500	2	0.19	18	22
151559	40-31.210	-105.093	-3-92-B				1.1	1.9	0.59	<2	5.4	28	580	1	0.10	11	12
151560	40-31.210	-105.093	-3-92-C				1.6	2.4	0.66	<2	4.9	33	230	1	0.87	15	45
151561	40-31.206	-105.077	-3-92-B				2.9	3.7	0.78	<2	4.8	22	470	1	2.2	22	22
151562	40-31.206	-105.077	-3-92-C				2.4	2.3	1.1	<2	3.6	210	370	1	2.0	10	8
151563	40-31.271	-104.866	-3-92-A				2.7	2.8	0.97	<2	5.5	<10	720	<1	0.25	17	51
151564	40-31.271	-104.866	-3-92-B				1.4	1.8	0.78	<2	4.7	12	390	1	2.1	13	43
151565	40-31.271	-104.866	-3-92-C				1.1	1.2	0.94	<2	2.1	<10	320	<1	14.	6	21
151566	40-31.169	-104.854	-3-92-				2.3	2.8	0.81	<2	5.1	10	290	1	1.4	12	46
151567	40-31.158	-104.851	-3-92-				1.3	1.5	0.84	<2	3.1	30	600	2	0.68	7	11
151568	40-31.044	-104.893	-3-92-				1.8	2.8	0.63	<2	4.3	<10	500	4	1.4	31	49
151569	40-31.042	-104.889	-3-92-				1.9	3.5	0.53	<2	4.0	16	460	3	2.3	15	32
151570	40-31.040	-104.890	-3-92-				1.9	3.4	0.55	<2	4.4	11	400	1	2.4	20	37
151571	40-31.163	-104.957	-3-92-A				2.5	3.0	0.83	5	4.2	45	320	2	3.7	8	44
151572	40-31.163	-104.956	-3-92-B				1.5	1.8	0.84	<2	4.2	26	720	2	2.5	13	39
151573	40-31.162	-104.956	-3-92-C				4.2	4.9	0.85	62	5.4	22	720	<1	0.30	15	55
151574	40-31.161	-104.956	-3-92-D				3.1	3.6	0.85	13	4.4	13	2300	2	0.27	15	42
151575	40-31.205	-105.074	-3-92-C				1.7	2.3	0.72	<2	4.6	18	280	2	2.7	16	49
151577	40-31.131	-104.901	-3-92-A				2.3	2.8	0.83	<2	4.3	63	320	3	1.1	17	37
151578	40-31.131	-104.901	-3-92-B				1.9	2.5	0.74	<2	3.0	39	470	2	0.84	10	21
151579	40-31.131	-104.901	-3-92-C				2.2	2.7	0.83	<2	4.3	37	230	2	3.3	18	49
151580	40-31.138	-104.934	-3-92-A				0.76	2.7	0.28	<2	4.1	95	340	1	4.9	14	43
151581	40-31.138	-104.934	-3-92-B				0.69	0.80	0.86	8	0.93	33	35	1	19.	7	7
151582	40-31.139	-104.935	-3-92-C				0.98	1.1	0.89	7	1.6	88	73	1	13.	12	8
151583	40-31.132	-104.959	-3-92-A				1.1	1.5	0.76	<2	1.3	<10	400	<1	12.	6	13
151584	40-31.132	-104.959	-3-92-B				0.98	0.90	1.1	<2	0.33	<10	320	<1	11.	<4	6
151585	40-31.132	-104.959	-3-92-C				1.7	1.9	0.89	<2	0.06	<10	81	<1	12.	<4	4
151586	40-31.132	-104.956	-3-92-A				15.	18.	0.88	<2	3.3	<10	220	1	3.0	4	10
151587	40-31.132	-104.956	-3-92-B				1.9	2.5	0.78	<2	1.9	<10	150	<1	11.	11	17
151588	40-31.132	-104.956	-3-92-C				14.	18.	0.81	<2	4.5	<10	240	1	7.3	10	40
151589	40-31.132	-104.956	-3-														
151590	40-31.132	-104.954	-3-92-B				1.6	1.5	1.1	<2	1.8	<10	170	<1	18.	16	20
151591	40-31.132	-104.954	-3-92-C				1.8	2.0	0.89	<2	5.6	<10	310	1	2.6	23	65
151592	40-31.132	-104.954	-3-92-D				2.1	2.0	1.0	<2	4.9	<10	580	1	3.2	10	46
151593	40-31.132	-104.954	-3-92-E				2.8	2.9	0.95	<2	0.55	<10	94	<1	11.	4	13
151594	40-31.132	-104.954	-3-92-F				10.	12.	0.83	<2	4.0	<10	580	1	8.3	9	16
151595	40-31.052	-104.942	-3-92-				3.8	5.0	0.77	<2	4.6	16	360	10	1.1	<4	1
151596	40-31.051	-104.937	-3-92-				1.7	3.4	0.51	<2	5.9	<10	150	6	<0.05	6	<1
151597	40-31.060	-104.963	-3-92-				2.4	4.2	0.57	<2	4.5	<10	520	6	<0.05	5	<1
151598	40-31.061	-104.978	-3-92-				2.1	3.1	0.68	<2	4.8	<10	290	2	0.25	<4	3
151599	40-31.142	-104.872	-3-92-				81.	86.	0.94	5	2.4	28	380	1	0.14	18	9
151600	40-31.142	-104.872	-3-92-				1.4	1.3	1.1	<2	0.14	<10	31	1	18.	13	6
151601	40-31.132	-104.963	-3-92-				0.99	1.0	0.99	<2	3.4	<10	93	<1	4.1	4	8
151603	40-31.060	-104.964	-3-92-				2.4	3.2	0.75	<2	4.9	<10	520	4	0.36	4	1
151604	40-31.053	-104.951	-3-92-				2.7	3.5	0.77	<2	5.0	<10	1100	10	0.63	5	5

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY												SECTION 2 OF 3		
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MO (PPM)	NA (%)	NB (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151548	18	2.8	25	1.3	310	<4	2.1	6	13	380	8	5	1800	54	13
151549	12	1.3	26	0.67	98	<4	0.08	11	11	200	5	2	3600	45	14
151550	17	2.1	28	1.0	470	<4	1.9	4	14	340	6	<2	1500	47	13
151551	17	1.8	55	0.53	60	<4	0.07	8	12	170	4	4	1300	27	12
151552	17	0.88	16	0.51	180	<4	<0.05	<4	3	820	<1	8	42	8	4
151553	21	3.0	32	0.81	97	<4	0.24	7	25	290	8	<2	3100	64	10
151554	24	2.0	29	0.49	120	<4	0.85	4	12	230	5	<2	1300	53	8
151555	21	4.3	46	1.4	250	<4	2.3	10	24	580	12	9	3400	120	20
151556	13	2.2	18	0.62	93	<4	0.19	6	14	190	4	2	2300	43	12
151557	14	2.2	30	0.77	170	<4	2.2	4	12	380	6	2	1800	59	12
151558	8	2.5	31	0.77	190	<4	1.4	18	16	260	5	8	2300	75	17
151559	9	2.1	34	0.55	58	<4	1.4	17	10	130	3	5	2000	52	15
151560	19	2.8	23	1.4	1000	<4	2.1	9	16	390	8	7	2700	81	15
151561	36	3.3	42	1.1	450	<4	0.66	17	10	470	7	<2	3600	88	20
151562	41	2.0	110	2.2	380	<4	0.17	<4	8	330	5	<2	1500	59	15
151563	16	2.1	36	1.4	330	<4	2.1	8	16	330	7	2	2400	99	12
151564	13	1.8	31	1.9	370	<4	2.0	13	15	310	7	3	2000	66	13
151565	12	0.88	16	2.3	160	<4	0.73	13	10	110	4	5	1000	30	8
151566	16	2.1	25	0.96	380	<4	2.3	9	13	360	7	3	2100	59	15
151567	10	1.0	3	0.42	190	<4	0.06	16	7	170	4	6	1400	33	14
151568	15	6.2	27	1.6	620	<4	0.57	36	30	790	14	8	8900	130	24
151569	17	3.7	22	0.89	380	<4	0.56	31	16	600	8	6	4900	71	20
151570	19	3.5	23	0.67	290	<4	0.59	19	13	410	8	8	4900	100	17
151571	44	1.0	27	0.73	350	7	1.2	14	11	460	9	7	2500	86	19
151572	18	2.5	34	1.3	510	7	1.4	19	18	420	8	9	2600	57	15
151573	1300	2.8	52	0.39	140	12	1.7	8	12	350	9	3	3500	130	18
151574	560	3.2	16	0.43	110	<4	1.7	13	15	600	9	7	2700	100	22
151575	11	2.6	23	1.3	410	<4	1.8	17	17	500	9	4	2600	66	20
151577	15	3.3	38	0.68	240	9	0.05	17	15	560	8	7	3400	68	16
151578	18	2.7	6	0.49	210	<4	0.05	17	8	350	5	12	4300	82	14
151579	13	2.4	29	1.3	1500	<4	0.67	18	18	490	9	6	2300	58	21
151580	1200	2.7	32	1.9	640	<4	1.6	10	13	450	10	8	3000	77	31
151581	13000	0.48	26	2.2	1400	<4	<0.05	6	2	420	4	5	260	16	26
151582	15000	0.79	45	3.3	1100	<4	0.06	5	5	600	4	7	560	25	17
151583	<2	0.93	20	5.6	780	<4	0.46	5	5	180	3	5	860	27	9
151584	30	0.43	7	5.2	410	<4	0.11	<4	2	110	2	4	350	16	6
151585	29	0.17	6	5.2	340	<4	<0.05	<4	<2	22	1	3	87	12	6
151586	40	1.4	4	0.74	300	<4	0.31	<4	7	5000	2	3	520	20	16
151587	10	1.6	31	5.3	1300	<4	0.65	4	7	370	5	5	1400	44	13
151588	14	2.8	6	3.1	610	<4	1.4	10	14	2600	10	6	2900	40	18
151589															
151590	11	2.4	25	3.3	1000	<4	0.55	4	12	310	8	3	3100	55	11
151591	240	5.1	21	2.1	860	<4	3.1	6	33	790	15	13	2300	66	19
151592	23	3.1	4	1.8	900	<4	2.9	7	6	460	26	6	1600	31	13
151593	34	1.2	7	5.0	480	<4	0.36	4	9	19	4	3	450	39	5
151594	28	2.3	3	3.3	590	<4	0.59	<4	13	2300	11	60	480	33	72
151595	49	1.2	4	0.25	480	<4	0.35	24	<2	79	4	10	1400	5	22
151596	7	2.1	32	0.74	76	<4	0.06	33	<2	<5	<1	15	860	3	39
151597	26	1.4	14	0.44	140	<4	0.20	19	<2	27	1	9	720	4	18
151598	37	0.88	3	0.10	110	<4	2.2	18	3	60	2	12	450	7	17
151599	6300	1.7	7	0.18	36	<4	<0.05	10	6	830	4	4	1700	39	18
151600	17	1.3	2	5.9	5400	<4	<0.05	<4	4	25	1	3	98	14	14
151601	24	1.6	4	2.0	470	<4	0.06	7	<2	170	7	<2	1200	47	11
151603	36	1.4	12	0.36	180	<4	1.2	35	<2	99	5	8	1200	8	17
151604	19	2.4	3	0.27	130	<4	1.6	11	<2	420	7	9	2300	23	66

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 3 OF 3			
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPU (CPM)	ETH (PPM)	CPTH (CPM)	AS (PPM)	SE (PPM)
151548	54	110	1.9	62	39	840		4.8		1.2		5.3		2.2	0.9
151549	29	94	3.5	31	81	1100		3.8		2.2		7.9		0.5	0.8
151550	51	86	2.2	52	76	640		2.3		1.7		6.6		2.1	0.5
151551	25	97	3.2	240	54	540		3.5		1.6		5.6		1.3	0.5
151552	27	9	0.04	210	10	340		0.1		1.5		9.4		4.2	0.3
151553	26	73	3.8	76	73	620		3.8		2.3		5.2		2.3	0.6
151554	23	53	1.8	49	64	670		3.9		1.9		5.2		2.5	0.5
151555	32	170	4.1	68	150	550		3.4		2.5		8.3		2.6	0.6
151556	20	83	3.7	140	76	560		1.8		1.6		4.2		1.7	1.0
151557	29	80	2.4	45	79	560		2.5		2.6		7.8		3.9	0.6
151558	35	130	3.0	96	120	680		2.9		2.6		8.1		9.5	0.5
151559	28	130	3.6	51	110	620		4.2		2.0		7.8		1.8	0.7
151560	34	120	1.8	63	80	550		2.1		2.4		7.4		2.0	0.5
151561	50	120	2.8	100	130	640		3.5		4.4		10.		3.1	0.8
151562	20	80	1.7	63	77	650		1.7		1.3		3.1		1.7	0.6
151563	67	82	2.3	83	110			2.5		2.2		6.5		17.	0.8
151564	60	73	2.0	110	70			2.2		1.9		6.1		1.8	0.8
151565	31	45	0.87	330	40			0.9		1.1		2.8		1.9	0.8
151566	62	89	2.1	75	74			1.6		1.9		4.9		2.8	0.5
151567	21	78	3.8	92	30			5.0		2.5		6.2		2.0	<0.1
151568	76	130	2.3	140	44	760		3.8		4.1		16.		1.4	<0.1
151569	45	130	2.6	150	59	820								2.6	<0.1
151570	46	89	2.5	110	120	760		3.1		3.6		12.		2.5	<0.1
151571	68	120	1.9	170	19	640		2.4		2.5		7.2		3.9	<0.1
151572	190	86	1.8	160	32	530		2.3		1.6		6.4		2.7	<0.1
151573	1400	97	2.1	96	110	580		2.2		3.8		6.9	290.		<0.1
151574	1200	120	1.7	220	10	480		2.1		4.3		7.1		16.	<0.1
151575	33	110	1.9	60	22	600		2.4		1.5		6.8		2.5	0.4
151577	46	110	3.6	170	27	840		4.3		2.9		8.4		17.	<0.1
151578	42	110	3.5	310	<10	910		4.1		1.8		11.		0.8	<0.1
151579	66	110	2.7	97	30	840		3.2		2.7		7.8		9.4	<0.1
151580	39	120	1.3	68	43	600		1.9		3.1		6.8		0.6	0.5
151581	19	35	<0.02	110	52	380		1.1		0.4		0.4		<0.1	<0.1
151582	21	61	0.09	80	37	420		0.1		0.5		1.7		10.	2.9
151583	57	51	0.43	640	21	430		0.6		1.5		3.1		0.2	<0.1
151584	32	29	0.13	880	13	500		0.2		0.8		1.4		0.5	<0.1
151585	11	54	<0.02	430	<10	400		0.1		1.0		1.9		0.5	0.7
151586	20	57	3.8	140	32	1600		5.6		16.		3.3		4.2	<0.1
151587	70	66	0.70	210	25	630		0.9		4.4		3.7		0.3	<0.1
151588	45	67	3.4	140	20	2000		3.3		12.		5.2		16.	0.7
151589															
151590	41	35	0.67	180	15	500		1.0		1.6		1.8		4.3	0.7
151591	37	64	1.8	57	54	700		2.6		1.5		17.		3.1	0.5
151592	17	120	2.2	56	35	650		3.3		4.5		4.7		1.9	<0.1
151593	74	12	0.16	640	19	620		0.2		2.8		0.7		1.5	0.5
151594	26	46	4.2	120	31	1900		6.1		11.		45.		16.	0.6
151595	37	210	3.3	20	110	1400		4.7		3.4		12.		1.2	0.7
151596	74	240	3.6	4	97	780		4.9		2.9		20.		0.9	0.5
151597	43	170	3.0	22	96	1000		3.9		3.0		12.		<0.1	<0.1
151598	15	110	2.9	33	110	970		3.9		2.9		14.		0.3	<0.1
151599	25	130	2.3	280	14	1800		2.7		68.		6.5		12.	<0.1
151600	30	18	0.12	86	27	710		2.5		2.0		6.1		5.1	0.5
151601	18	130	4.3	55	54	650		6.2		0.7		2.5		0.5	<0.1
151603	73	140	3.5	31	110	970		4.7		2.4		9.9		0.8	0.5
151604	20	200	4.2	38	100	920		3.3		2.9		4.9		<0.1	<0.1

VAN HORN UNCONFORMITY

SECTION 1 OF 3

DR SAMPLE NUMBER	D. O. ST	E. SAMPLE LAT	NUMBER LONG	TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	CA (%)	CC (PPM)	CR (PPM)
151605	40-31.053	-104.947	-3-92-		2.1	3.0	0.69	<2	4.7	<10	400	2	<0.05	4	2
151606	40-31.142	-104.872	-3-92-		22.	1.9	12.	3	2.9	<10	4200	1	1.0	12	16
151607	40-31.142	-104.872	-3-92-		11.	12.	0.92	<2	0.23	<10	14	1	16.	7	3
151608	40-31.062	-104.980	-3-92-		4.1	4.8	0.86	<2	4.7	<10	200	5	0.26	4	3
151609	40-31.132	-104.973	-3-92-		2.3	2.8	0.80	<2	5.1	<10	170	<1	0.44	79	28
151610	40-31.135	-104.973	-3-92-		2.4	2.3	1.1	<2	4.7	<10	240	1	1.1	11	53
151611	40-31.053	-104.948	-3-92-		3.2	4.0	0.79	<2	5.9	<10	380	5	0.84	5	1
151612	40-31.127	-104.986	-3-92-A		2.0	2.6	0.77	<2	6.3	66	550	2	2.7	24	79
151613	40-31.127	-104.986	-3-92-B		4.2	4.5	0.94	<2	2.6	<10	170	<1	6.8	9	23
151614	40-31.127	-104.986	-3-92-C		0.30	0.50	0.60	<2	0.19	<10	500	<1	15.	<4	3
151615	40-31.127	-104.989	-3-92-A		3.6	3.2	1.1	<2	1.3	1700	100	1	11.	11	12
151616	40-31.127	-104.989	-3-92-B		2.7	3.2	0.83	<2	4.4	44	400	<1	6.5	13	37
151617	40-31.127	-104.989	-3-92-C		0.47	0.60	0.78	<2	0.18	<10	82	1	17.	5	3
151618	40-31.224	-104.906	-3-92-		4.1	4.4	0.94	28	0.14	<10	29000	<1	0.28	<4	6
151619	40-31.133	-104.902	-3-92-		2.1	2.6	0.80	<2	3.5	<10	490	2	1.2	16	42
151620	40-31.133	-104.902	-3-92-B		0.74	0.90	0.82	<2	3.3	27	1600	1	0.27	5	10
151621	40-31.133	-104.902	-3-92-C		1.2	2.3	0.53	<2	4.8	11	720	2	1.3	14	45
151622	40-31.114	-104.985	-3-92-		3.5	3.8	0.92	5	2.5	<10	200	1	9.3	17	25
151623	40-31.002	-104.905	-3-92-A		1.2	1.4	0.86	<2	3.3	<10	520	1	0.68	17	18
151624	40-31.002	-104.905	-3-92-C		3.0	3.8	0.79	3	5.8	<10	1400	110	6.9	42	23
151625	40-30.997	-104.903	-3-92-B		1.6	2.3	0.68	<2	2.4	<10	280	1	0.31	6	4
151626	40-30.997	-104.903	-3-92-C		1.1	1.6	0.71	<2	3.1	<10	430	2	0.12	9	11
151627	40-30.994	-104.905	-3-92-B		2.2	3.2	0.68	<2	3.3	<10	420	2	2.5	13	14
151628	40-30.994	-104.905	-3-92-C		1.1	1.5	0.72	<2	2.9	10	450	2	0.67	9	12
151629	40-31.003	-104.910	-3-												
151630	40-31.003	-104.910	-3-92-B		2.4	2.7	0.88	<2	4.0	<10	980	4	2.6	24	34
151631	40-31.003	-104.910	-3-92-C		0.45	0.50	0.90	<2	3.6	<10	490	3	1.5	56	19
151632	40-31.026	-104.892	-3-92-A		0.86	0.90	0.96	<2	3.1	<10	420	3	3.1	35	23
151633	40-31.026	-104.892	-3-92-C		0.74	0.80	0.92	<2	4.8	<10	650	5	1.8	44	30
151634	40-31.132	-104.959	-3-92-A		2.1	1.9	1.1	<2	4.5	<10	190	1	4.5	31	41
151635	40-31.134	-104.963	-3-92-B		2.1	1.9	1.1	<2	3.9	<10	340	2	5.2	24	42
151636	40-31.134	-104.953	-3-92-C		2.6	2.1	1.2	<2	4.3	<10	150	2	5.6	43	47
151637	40-31.135	-104.939	-3-92-A		2.5	2.4	1.1	<2	2.5	<10	410	2	11.	16	24
151638	40-31.135	-104.939	-3-92-B		1.4	1.6	0.89	<2	2.6	17	390	1	9.8	10	22
151639	40-31.135	-104.939	-3-92-C		1.9	1.9	0.99	<2	4.2	11	490	2	0.50	21	32
151640	40-31.135	-104.939	-3-92-D		4.3	4.1	1.0	3	3.9	220	250	3	4.0	26	39
151641	40-31.146	-104.944	-3-92-A		2.6	2.1	1.3	5	4.2	670	85	2	3.2	22	28
151642	40-31.146	-104.944	-3-92-B		2.4	2.4	0.99	<2	4.7	<10	190	2	1.8	16	43
151643	40-31.146	-104.944	-3-92-C		1.4	0.70	2.0	<2	4.7	<10	190	3	4.4	43	60
151644	40-31.146	-104.944	-3-92-D		2.3	1.2	1.9	16	4.0	160	74	2	1.8	27	14
151645	40-31.146	-104.944	-3-92-E		1.5	1.0	1.5	<2	1.7	800	70	1	9.7	7	8
151646	40-31.147	-104.945	-3-92-F		2.3	1.1	2.1	<2	4.9	10	290	2	2.1	16	50
151647	40-31.114	-105.002	-3-92-B		0.45			<2	0.80	<10	30	1	14.	9	13
151648	40-31.114	-105.002	-3-92-C		0.49	0.60	0.82	<2	0.83	<10	140	1	14.	9	15
151649	40-31.110	-105.009	-3-92-B		0.41	0.70	0.59	<2	1.5	<10	200	1	15.	10	22
151650	40-31.110	-105.009	-3-92-C		0.33	0.60	0.55	<2	0.38	<10	9200	1	8.1	<4	8
151651	40-31.112	-104.985	-3-92-A		2.0	2.0	0.98	<2	2.4	<10	520	1	9.7	19	19
151652	40-31.112	-104.985	-3-92-B		12.	12.	1.0	<2	3.6	<10	150	1	6.8	21	36
151653	40-31.112	-104.985	-3-92-C		1.8	1.5	1.2	<2	0.46	<10	24	<1	19.	<4	3
151654	40-31.107	-104.956	-3-92-B		4.3	3.6	1.2	<2	4.2	70	1300	4	6.3	44	40
151655	40-31.107	-104.956	-3-92-C		1.4	1.1	1.3	<2	3.5	74	2500	3	8.1	28	40
151656	40-31.107	-104.956	-3-92-D		1.4	1.0	1.4	<2	4.9	22	630	4	5.6	30	49
151657	40-31.100	-104.941	-3-92-A		2.1	1.3	1.6	<2	3.2	<10	130	1	7.1	15	27
151658	40-31.100	-104.941	-3-92-B		1.7	1.8	0.94	<2	3.2	27	160	2	9.2	25	31
151659	40-31.100	-104.941	-3-92-C		1.6	1.5	1.1	<2	0.33	<10	21	1	14.	4	7

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY												SECTION 2 OF 3		
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MU (PPM)	NA (%)	CO (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151605	230	1.9	7	0.09	38	<4	0.07	8	<2	42	1	4	860	5	19
151606	11000	1.9	8	0.39	450	<4	<0.05	13	9	870	4	3	900	53	37
151607	<2	0.78	3	6.1	3300	<4	<0.05	<4	<2	2000	1	10	170	13	11
151608	22	1.3	3	0.05	150	<4	2.1	19	<2	<5	3	12	530	4	23
151609	220	14.	2	0.10	66	7	0.06	19	3	710	13	5	2300	150	30
151610	18	3.1	27	1.8	210	<4	0.06	9	16	460	6	4	2600	60	30
151611	11	2.1	10	0.45	570	<4	0.73	10	<2	180	5	10	1600	17	21
151612	28	4.6	23	2.1	330	4	2.3	10	40	390	36	5	2900	97	15
151613	21	2.3	3	3.3	800	<4	0.57	5	2	470	6	2	2200	44	12
151614	30	1.2	3	5.3	1200	<4	0.05	<4	<2	76	1	3	71	10	4
151615	120	3.5	5	5.0	1500	<4	0.16	4	4	1700	4	7	1000	43	13
151616	48	2.4	26	1.0	900	<4	2.5	9	8	570	9	5	3400	60	22
151617	27	0.78	4	6.2	2000	<4	<0.05	<4	2	300	1	2	100	10	4
151618	17000	0.51	1	<0.05	81	26	<0.05	<4	<2	1600	1	<2	59	51	3
151619	<2	4.2	19	0.71	980	<4	0.05	16	6	270	7	9	7000	110	17
151620	13	1.3	5	0.21	250	<4	0.07	6	5	150	3	<2	830	21	10
151621	40	2.4	32	0.78	670	<4	1.4	8	12	430	6	5	2100	62	15
151622	6600	1.9	11	3.9	940	<4	0.87	7	14	1000	9	2	2700	160	15
151623	16	3.0	23	0.61	840	<4	1.0	10	9	810	6	3	2800	52	14
151624	94	7.5	51	2.0	6200	51	0.85	25	20	2500	20	9	9500	280	33
151625	33	1.6	8	0.10	140	<4	0.47	12	5	210	2	8	780	12	16
151626	15	2.2	10	0.16	74	<4	0.05	5	5	220	3	7	2000	51	7
151627	17	2.9	20	0.29	240	<4	0.79	13	9	340	5	9	2400	47	21
151628	15	1.5	9	0.22	49	<4	<0.05	7	5	230	2	5	1000	30	6
151629															
151630	26	5.9	28	1.4	980	<4	1.1	26	18	750	14	8	7600	110	27
151631	58	11.	55	3.2	1100	<4	0.56	18	25	1700	19	2	9600	220	20
151632	25	6.2	34	2.2	1400	<4	0.67	25	22	1300	14	3	8000	100	19
151633	38	8.8	51	2.7	1900	<4	1.5	28	10	3200	24	5	22000	320	25
151634	9	3.8	27	1.8	970	<4	2.5	5	29	500	11	7	3600	100	17
151635	26	3.2	18	1.5	950	6	1.9	19	29	530	10	5	3200	67	20
151636	300	6.0	29	1.7	1300	<4	2.6	5	43	640	14	6	5700	130	17
151637	190	2.6	27	3.7	900	4	0.65	5	13	410	8	9	2800	61	18
151638	11	2.2	13	3.9	630	<4	0.85	7	9	380	7	9	2200	45	19
151639	9	1.8	42	2.9	100	6	1.4	19	25	490	7	10	2500	60	10
151640	9400	3.1	85	4.2	520	25	0.22	9	17	1700	11	11	4500	330	25
151641	11000	2.7	54	3.1	570	25	1.5	8	15	2000	9	8	3000	69	26
151642	61	3.0	19	1.2	360	<4	2.3	6	15	500	9	9	2900	71	22
151643	3500	6.1	45	2.6	610	<4	1.3	18	21	1800	35	6	15000	330	42
151644	22000	2.4	75	4.1	380	13	0.12	5	9	4100	9	8	1100	61	26
151645	120	0.47	20	1.3	870	<4	0.13	<4	4	360	6	2	460	73	23
151646	34	3.3	31	0.96	440	<4	1.8	7	14	470	10	10	2600	83	19
151647	12	1.3	4	4.7	530	<4	0.70	<4	5	170	5	<2	600	18	8
151648	11	1.5	4	4.8	540	<4	0.64	4	3	220	5	3	640	23	8
151649	6	2.0	6	3.6	480	<4	0.66	4	4	300	6	3	1300	46	10
151650	420	0.56	26	3.9	220	6	<0.05	<4	<2	45	1	4	120	14	4
151651	46	5.5	3	3.4	2300	<4	0.07	<4	26	140	16	<2	3200	73	19
151652	45	4.4	5	2.5	760	<4	1.5	6	13	3600	12	7	4600	100	24
151653	55	0.38	2	1.6	200	<4	<0.05	<4	<2	83	2	<2	210	11	5
151654	3	6.9	240	3.3	650	<4	<0.05	6	32	670	18	4	7500	130	15
151655	5	4.3	55	3.9	470	<4	0.08	6	24	540	14	<2	4700	100	10
151656	18	6.1	130	2.8	390	<4	<0.05	6	19	700	19	2	8400	130	14
151657	20	2.8	4	3.4	550	<4	0.11	5	8	190	10	<2	4100	62	8
151658	31	4.4	4	3.8	1300	<4	0.07	<4	15	480	15	3	5200	110	12
151659	15	0.78	2	5.5	4600	<4	<0.05	20	<2	400	2	<2	200	8	18

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY							SECTION 3 OF 3							
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPU (CPM)	ETH (PPM)	CPTH (CPM)	AS (PPM)	SE (PPM)
151605	27	180	4.7	21	110	520		4.7		1.9		5.0		28.	0.7
151606	26	230	3.6	150	27	1400		4.6		11.		4.8		7.3	<0.1
151607	69	14	0.23	150	23			0.3		12.		12.		2.2	<0.1
151608	43	89	2.9	17	130	980		3.8		3.7		14.		0.4	<0.1
151609	25	220	6.1	29	<10	830		9.4		2.7		7.8		5.7	2.4
151610	22	170	5.3	20	54	770		3.9		2.9		11.		1.2	<0.1
151611	29	250	4.2	30	100	970		5.8		4.1		16.		0.9	0.3
151612	88	81	3.6	120	220	570		0.2		0.3		0.4		1.1	<0.1
151613	11	57	2.9	140	30	460		3.2		3.9		4.1		2.2	0.5
151614	54	7	0.39	370	10	300		0.6		0.9		0.3		2.0	0.5
151615	81	96	0.72	290	20	640		0.9		3.9		7.9		2.4	<0.1
151616	23	150	1.6	84	54	560		2.0		3.3		11.		2.7	2.4
151617	150	5	0.19	310	12	320		0.2		1.5		1.5		0.8	<0.1
151618	14000	5	0.03	340	23	380		0.1		7.1		0.6		440.	<0.1
151619	28	130	3.0	54	80	1100		3.9		2.4		9.4		1.2	<0.1
151620	20	58	3.4	110	29	720		4.9		0.8		4.3		2.7	1.3
151621	74	87	2.1	73	55	760		2.8		2.0		6.8		1.9	0.2
151622	43	63	1.2	180	59	490		1.7		2.4		2.6		11.	0.6
151623	37	62	1.5	33	34	550		2.2		1.6		5.0		4.8	0.6
151624	350	110	1.3	290	<10	470		0.8		5.7		1.5		0.8	<0.1
151625	19	100	2.5	26	120	600		3.5		2.2		9.8		1.1	0.2
151626	26	72	2.4	26	56	600		2.7		1.4		7.0		<0.1	<0.1
151627	38	140	2.5	80	69	660		3.3		2.8		12.		1.2	<0.1
151628	26	59	1.7	37	39	530		2.2		1.2		4.8		1.1	0.2
151629															
151630	82	160	1.4	110	72	480		1.7		2.5		8.3		2.6	1.1
151631	120	86	0.27	72	47	360		0.4		0.9		1.7		2.1	1.3
151632	120	77	0.85	45	<10	530		1.2		1.3		2.4		10.	5.0
151633	130	110	1.2	69	<10	500		1.6		0.9		3.1		1.4	1.3
151634	62	100	1.1	110	24	490		1.5		2.3		6.5		0.4	<0.1
151635	46	130	1.1	110	13	540		1.4		2.0		7.8		0.4	<0.1
151636	75	94	0.97	110	11	530		1.2		3.8		3.6		0.6	<0.1
151637	56	86	1.1	130	34	410		1.6		2.2		4.3		1.4	0.9
151638	33	86	1.4	150	48	410		1.9		1.7		5.8		1.0	0.6
151639	79	140	1.6	50	29	500		2.1		1.9		8.0		0.7	<0.1
151640	160	160	2.0	78	73	480		2.6		3.0		6.0		21.	0.2
151641	32	140	0.63	49	48	540		0.8		2.2		6.3		0.6	<0.1
151642	32	120	1.2	69	52	550		1.5		2.4		7.7		1.7	0.6
151643	44	180	1.2	84	28	410		1.4		0.7		2.0		<0.1	<0.1
151644	35	140	1.6	20	72	460		1.3		2.0		4.3		0.5	0.9
151645	17	57	0.21	56	41	360		0.1		2.1		1.9		0.9	<0.1
151646	100	130	1.6	110	70	710		2.3		2.3		8.5		3.6	1.3
151647	37	26	0.07	240	19	250		0.1		0.5		0.9		1.0	0.3
151648	48	24	0.08	370	18	250		0.1		0.7		1.1		0.7	0.2
151649	41	37	0.66	380	33	250		1.1		1.8		1.0		1.0	0.2
151650	>910	11	0.08	720	22	250		0.1		0.5		0.4		7.5	0.2
151651	33	120	3.2	110	36	740		5.8		2.6		4.1		2.4	<0.1
151652	37	150	3.2	150	57	720		4.0		13.		12.		4.5	0.9
151653	19	17	0.63	600	19	480		0.9		1.8		1.1		0.7	0.2
151654	510	61	2.4	250	25	570		3.2		4.8		0.9		15.	<0.1
151655	320	30	2.0	560	28	460		2.8		1.4		0.6		9.7	<0.1
151656	240	32	2.7	250	21	870		3.8		1.7		1.0		7.2	0.2
151657	32	43	4.3	110	29	600		5.4		1.3		0.4		4.4	<0.1
151658	60	97	4.0	220	31	1000		5.8		1.7		1.8		5.1	<0.1
151659	56	21	0.32	89	41	480		0.3		2.1		2.4		1.7	0.2

VAN HORN UNCONFORMITY

SECTION 1 OF 3

OR SAMPLE NUMBER	D. O. ST	E. LAT	SAMPLE LONG	NUMBER L TY REP	U (PPM)	U-NT (PPM)	U/TU	AG (PPM)	AL (%)	B (PPM)	BA (PPM)	BE (PPM)	CA (%)	CC (PPM)	CR (PPM)
151660	40-31.124	-104.975	-3-92-A		2.7	2.6	1.0	<2	5.0	<10	430	1	2.9	17	48
151661	40-31.124	-104.975	-3-92-B		2.7	2.7	1.0	<2	4.7	<10	290	2	2.4	19	40
151662	40-31.124	-104.975	-3-92-C		4.7	4.1	1.1	25	0.11	<10	16000	<1	3.9	<4	3
151663	40-31.121	-104.992	-3-92-A		1.9	1.8	1.1	<2	0.53	<10	3500	<1	9.6	5	26
151664	40-31.121	-104.992	-3-92-B		4.6	4.9	0.94	<2	2.8	<10	1600	1	9.4	14	28
151666	40-31.121	-104.992	-3-92-C		1.9	1.9	0.98	<2	1.8	320	130	1	10.	11	24
151667	40-31.139	-104.999	-3-92-A		1.2			<2	1.3	<10	190	<1	8.6	8	16
151668	40-31.139	-104.999	-3-92-B		1.8	2.3	0.77	<2	1.9	<10	5300	1	19.	13	25
151669	40-31.139	-104.999	-3-92-C		0.30	0.20	1.5	<2	0.12	<10	12	<1	2.2	<4	5
151670	40-31.149	-104.997	-3-92-A		1.7	1.6	1.1	<2	2.9	<10	170	1	6.6	12	25
151671	40-31.149	-104.997	-3-92-B		2.0	2.0	0.99	<2	3.6	<10	230	1	5.6	14	35
151672	40-31.149	-104.997	-3-92-C		<0.25	0.10	1.3	<2	0.07	34	23	<1	11.	<4	6
151673	40-31.137	-104.985	-3-92-A		2.3	2.1	1.1	<2	1.5	<10	130	1	9.9	14	16
151674	40-31.137	-104.985	-3-92-B		3.9	3.4	1.1	<2	2.0	<10	150	1	7.6	22	22
151675	40-31.137	-104.985	-3-92-C		0.44	0.30	1.5	<2	0.11	<10	44	<1	17.	16	5
151676	40-31.128	-104.975	-3-92-A		1.3	1.9	0.71	<2	3.4	<10	340	2	5.2	13	23
151677	40-31.128	-104.975	-3-92-B		1.7	2.3	0.76	<2	4.8	60	530	1	0.72	9	43
151678	40-31.128	-104.975	-3-92-C		<0.25	0.50	0.25	<2	5.6	16	160	3	1.3	9	42
151679	40-31.132	-104.954	-3-92-A		75.	62.	1.2	<2	2.0	10	78	6	16.	12	25
151680	40-31.132	-104.954	-3-92-B		2.9	2.5	1.2	<2	0.44	<10	710	1	15.	9	16
151681	40-31.133	-104.957	-3-92-C		4.9	4.6	1.1	<2	2.9	<10	930	2	8.9	11	35
151682	40-31.146	-104.877	-3-92-A		2.5	2.3	1.1	<2	4.9	21	1800	2	4.3	19	45
151683	40-31.146	-104.877	-3-92-B		3.1	2.9	1.1	<2	3.1	11	3400	2	11.	18	32
151684	40-31.146	-104.877	-3-92-C		2.5	2.3	1.1	<2	4.2	24	330	2	1.9	16	39
151685	40-31.113	-105.029	-3-92-		0.64	0.20	3.2	<2	<0.05	12	3	<1	1.6	<4	1
151686	40-31.129	-104.963	-3-92-		0.87	0.50	1.7	<2	0.37	13	49	<1	5.1	<4	6
151687	40-31.129	-104.963	-3-92-A		1.4	0.70	2.0	<2	0.34	15	120	<1	4.9	<4	4
151688	40-31.129	-104.963	-3-92-		1.4	0.90	1.6	<2	0.13	16	41	<1	2.6	<4	3
151689	40-31.129	-104.962	-3-92-		0.87	0.30	2.9	<2	0.08	26	34	<1	1.8	<4	2
151690	40-31.130	-104.962	-3-92-		0.56	0.30	1.9	<2	0.12	<10	19	<1	8.7	<4	4
151691	40-31.147	-104.879	-3-92-A		0.57	0.20	2.8	<2	0.05	<10	14	<1	12.	<4	6
151692	40-31.136	-104.890	-3-92-		0.93	0.20	4.6	<2	0.07	<10	14	<1	2.9	<4	5
151693	40-31.135	-104.890	-3-92-		0.91	0.30	3.0	<2	0.11	<10	52	<1	3.3	<4	2
151694	40-31.135	-104.890	-3-92-		0.95	0.10	9.5	<2	<0.05	<10	5	<1	1.5	<4	2
151695	40-31.135	-104.890	-3-92-		0.92	0.50	1.8	<2	0.14	<10	13	<1	2.7	<4	2
151696	40-31.135	-104.890	-3-92-		<0.25	0.30	0.42	<2	0.11	<10	24	<1	9.5	<4	2
151697	40-31.157	-105.118	-3-92-		0.32	0.30	1.1	<2	0.55	<10	28	<1	6.0	<4	3
151698	40-31.155	-105.117	-3-92-		1.0	0.30	3.3	<2	0.06	<10	9	<1	4.1	<4	2
151699	40-31.113	-105.028	-3-92-		1.1	0.50	2.1	<2	0.71	34	320	3	3.0	<4	3
151700	40-31.113	-105.028	-3-92-		0.84	0.30	2.8	<2	<0.05	32	5	<1	1.6	<4	2
151701	40-31.101	-104.938	-3-92-A		1.2	0.50	2.4	<2	0.43	<10	95	1	12.	5	7
151702	40-31.101	-104.938	-3-92-B		2.3	2.5	0.94	<2	3.8	230	530	1	4.1	19	43
151703	40-31.101	-104.938	-3-92-C		0.61	0.20	3.0	<2	0.10	<10	970	<1	3.3	<4	4
151704	40-31.144	-104.942	-3-92-A		1.9	2.0	0.94	<2	4.0	32	370	2	9.6	24	37
151705	40-31.144	-104.942	-3-92-B		1.8	1.7	1.0	<2	3.2	11	440	1	11.	13	27
151706	40-31.146	-104.997	-3-92-A		1.9	1.3	1.5	<2	2.6	<10	150	<1	13.	7	19
151707	40-31.146	-104.997	-3-92-B		2.3	1.9	1.2	<2	4.2	<10	230	1	4.0	15	38
151708	40-31.146	-104.997	-3-92-C		<0.25	0.20	0.63	<2	0.90	<10	81	<1	21.	<4	5
151709	40-31.130	-104.957	-3-92-		0.45	0.30	1.5	<2	6.2	<10	90	<1	3.3	65	59
151710	40-31.135	-104.892	-3-92-		0.54	0.10	5.4	<2	6.0	<10	250	<1	2.6	57	72
151711	40-31.131	-104.961	-3-92-		1.5	0.90	1.7	<2	0.47	<10	130	<1	24.	<4	5
151712	40-31.135	-104.890	-3-92-		0.76	0.20	3.8	<2	6.6	<10	320	<1	2.7	67	99
151714	40-31.131	-104.960	-3-92-		0.80	0.70	1.1	<2	2.7	<10	390	1	11.	39	31
151715	40-31.131	-104.959	-3-92-		1.9	2.0	0.97	<2	4.7	<10	120	1	7.1	13	25
151716	40-31.134	-104.888	-3-92-		0.97	0.10	9.7	<2	6.2	<10	150	<1	4.2	56	120

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 2 OF 3			
	CU (PPM)	FE (%)	LI (PPM)	MG (%)	MN (PPM)	MO (PPM)	NA (%)	NB (PPM)	NI (PPM)	P (PPM)	SC (PPM)	TH (PPM)	TI (PPM)	V (PPM)	Y (PPM)
151660	180	1.7	30	2.3	410	<4	2.2	7	14	380	8	5	2800	57	14
151661	21	2.8	23	1.5	420	<4	1.8	6	16	480	9	6	2600	69	17
151662	10000	0.53	3	1.8	280	21	<0.05	15	2	1500	1	<2	54	20	3
151663	30	2.5	7	4.1	1300	<4	0.16	<4	<2	76	6	<2	350	40	13
151664	5	3.4	14	3.9	1000	<4	0.63	5	11	780	12	6	2900	55	16
151666	20	2.8	3	4.5	2000	<4	0.08	4	5	370	7	4	1800	33	11
151667	6	1.4	25	5.4	560	<4	0.48	<4	5	150	4	<2	1100	31	7
151668	160	2.6	19	3.4	510	<4	0.44	7	16	320	7	6	2300	60	11
151669	<2	0.14	56	6.7	53	<4	<0.05	<4	<2	<5	<1	<2	67	24	2
151670	7	2.7	7	3.1	510	<4	1.3	6	10	380	7	8	2100	56	17
151671	13	3.1	10	2.7	510	<4	1.5	5	10	460	8	8	2300	75	19
151672	10	0.43	3	4.8	940	<4	<0.05	<4	<2	55	1	<2	84	2	4
151673	84	1.4	7	4.3	940	<4	0.13	4	5	250	4	4	1100	36	11
151674	1400	1.5	12	3.2	680	<4	0.34	<4	5	410	4	<2	1200	39	11
151675	130	0.63	4	6.9	590	<4	<0.05	<4	<2	77	1	5	98	5	4
151676	950	2.4	12	2.7	880	<4	1.4	7	12	690	8	5	2700	68	19
151677	26	1.9	15	0.72	200	<4	2.7	4	13	470	5	6	1600	48	12
151678	17	1.7	57	4.1	130	<4	0.13	6	29	550	8	2	5900	99	10
151679	36	3.0	5	6.5	850	19	0.74	8	24	11000	17	44	360	48	140
151680	17	2.7	3	5.7	740	<4	0.28	4	15	30	10	5	340	64	16
151681	25	3.6	4	3.9	810	<4	0.82	9	18	1200	13	42	1800	58	52
151682	32	3.3	25	1.6	780	<4	0.92	7	16	460	9	10	2800	68	23
151683	57	2.6	37	2.5	990	11	0.10	27	16	510	10	2	2800	57	19
151684	18	2.7	23	1.3	400	6	1.3	16	16	490	8	7	2600	61	20
151685	22	0.14	66	8.2	97	<4	<0.05	5	2	<5	<1	<2	29	<2	1
151686	11	0.25	71	7.2	78	4	0.20	12	2	<5	2	5	370	25	9
151687	13	0.19	65	7.4	49	<4	0.09	8	4	42	1	4	250	30	4
151688	7	0.07	83	8.0	20	<4	0.05	10	<2	13	1	2	86	35	1
151689	4	0.05	91	8.6	17	<4	0.09	5	<2	15	1	<2	55	25	1
151690	15	0.15	3	4.7	85	<4	<0.05	6	3	<5	1	2	58	12	2
151691	12	0.05	42	6.5	140	<4	<0.05	8	<2	<5	1	3	37	5	2
151692	11	0.05	97	8.0	16	<4	<0.05	6	<2	<5	1	2	56	12	1
151693	10	0.06	82	7.5	23	<4	0.05	<4	<2	<5	1	<2	69	17	4
151694	11	<0.05	100	7.9	11	<4	<0.05	6	<2	<5	<1	<2	38	<2	1
151695	9	0.07	100	7.9	34	<4	0.05	7	2	<5	1	3	71	5	3
151696	7	0.11	13	5.0	32	<4	<0.05	<4	2	<5	1	<2	33	15	1
151697	11	0.34	100	6.8	150	<4	0.26	<4	2	<5	4	<2	110	19	14
151698	7	0.14	66	7.5	70	<4	0.09	8	<2	<5	<1	<2	30	6	1
151699	<2	0.54	250	9.7	310	<4	1.1	6	<2	100	1	<2	160	24	6
151700	11	0.05	76	7.9	19	<4	0.35	19	7	<5	1	3	48	<2	1
151701	19	0.83	17	5.8	830	<4	<0.05	7	5	17	2	<2	180	11	7
151702	40	4.8	11	2.9	860	<4	1.5	10	14	600	11	6	5100	86	20
151703	13	0.21	6	8.5	140	<4	<0.05	<4	<2	9	1	<2	65	<2	2
151704	5	3.6	49	1.5	990	<4	0.06	12	17	530	14	3	4800	100	23
151705	14	2.2	22	1.8	880	<4	0.92	10	12	380	7	4	2900	61	20
151706	15	1.6	6	0.53	350	7	1.3	5	2	310	6	7	1400	42	13
151707	12	3.7	13	1.0	350	<4	2.2	6	11	430	9	6	2800	84	18
151708	10	0.40	3	0.22	350	<4	<0.05	5	<2	51	2	3	500	9	6
151709	53	7.8	40	3.1	900	<4	2.7	4	75	650	20	<2	6400	160	15
151710	46	7.5	53	3.3	930	6	1.4	7	65	590	22	<2	7700	160	18
151711	16	0.31	3	0.16	480	<4	<0.05	4	<2	70	2	4	360	9	6
151712	19	7.9	36	3.5	1200	6	2.0	<4	110	580	22	<2	4500	140	17
151714	<2	5.6	26	2.6	940	<4	0.24	4	23	590	11	<2	7100	110	13
151715	15	2.8	2	2.0	1200	<4	1.5	4	4	230	14	<2	4600	65	12
151716	73	7.4	23	3.0	1200	<4	2.1	5	80	570	22	<2	6600	160	17

OR SAMPLE NUMBER	VAN HORN UNCONFORMITY											SECTION 3 OF 3			
	ZN (PPM)	ZR (PPM)	K (%)	SR (PPM)	CE (PPM)	TGAM (CPS)	TOT (CPM)	EK (%)	CPK (CPM)	EU (PPM)	CPJ (CPM)	ETH (PPM)	CPTH (CPM)	AS (PPM)	SE (PPM)
151660	33	66	1.5	81	55	620		3.1		4.3		5.1		2.1	1.3
151661	40	110	1.6	85	67	500		1.7		2.4		7.6		1.6	0.6
151662	8200	6	0.04	340	11	340		0.1		1.9		3.6		31.	1.6
151663	22	14	0.43	280	40	480		0.4		2.1		1.5		17.	1.4
151664	23	57	2.3	160	30	530		3.8		5.9		5.6		9.1	0.6
151666	27	52	2.3	160	24	520		3.0		1.9		2.9		6.0	<0.1
151667	28	32	0.67	310	19	460		1.1		1.3		2.5		6.3	<0.1
151668	190	58	0.85	700	22	460		1.6		2.5		2.5		6.3	<0.1
151669	30	<2	<0.02	110	17	160		0.1		0.3		0.1		3.7	3.1
151670	23	98	0.84	48	49	470		1.4		1.8		5.6		1.7	<0.1
151671	25	120	1.0	52	61	470		1.6		2.4		6.2		3.1	0.9
151672	9	7	<0.02	35	<10	240		8.6		0.3		0.7		2.4	0.2
151673	20	67	1.4	250	24	430								2.1	<0.1
151674	22	56	1.9	260	35	430		2.7		3.2		3.5		4.6	<0.1
151675	42	7	0.08	1000	11	240		0.1		0.3		0.3		1.0	<0.1
151676	18	97	1.1	130	42			1.4		1.8		5.3		3.7	0.9
151677	9	76	2.2	63	61	650		2.6		2.5		7.8		2.1	<0.1
151678	15	57	1.0	92	33	530		1.9		0.8		1.8		2.1	<0.1
151679	20	71	1.1	380	46			1.0		68.		75.		27.	<0.1
151680	280	25	0.18	830	23			0.3		3.9		1.1		2.2	<0.1
151681	30	110	2.6	250	34			4.5		4.3		17.		5.8	<0.1
151682	63	110	1.8	100	50			2.2		2.5		7.2			
151683	110	84	1.5	170	21			1.8		2.5		4.7		4.7	2.6
151684	44	130	2.1	55	32			2.3		1.9		7.3		4.0	2.0
151685	22	9	<0.02	51	<10			0.0		0.3		0.3		2.1	0.9
151686	15	29	0.14	470	30			0.3		1.0		1.6		2.2	0.6
151687	14	20	0.12	810	24			0.3		3.0		1.5		3.5	0.6
151688	5	9	0.05	340	22			0.1		1.1		0.4		5.4	0.6
151689	7	7	0.03	310	15			2.9		0.9		0.0		2.4	0.2
151690	6	9	0.13	410	14			0.2		0.5		0.7		2.3	<0.1
151691	28	7	0.03	740	14			3.2		0.7		0.4		0.9	0.3
151692	7	9	0.02	240	12			2.5		0.5		0.5		1.3	<0.1
151693	7	14	0.04	270	11			0.1		1.1		0.4		1.5	0.2
151694	5	7	<0.02	83	<10			0.0		0.3		0.3		1.2	1.1
151695	24	9	0.08	200	17			0.1		0.5		0.5		1.4	0.6
151696	11	10	0.12	620	10			0.1		0.7		0.3		0.8	<0.1
151697	26	24	0.14	450	29			0.2		0.2		1.6		4.0	<0.1
151698	27	6	0.06	250	<10			0.1		0.7		0.5		1.3	<0.1
151699	75	19	0.62	300	<10			0.5		0.6		1.1		4.5	<0.1
151700	8	8	0.06	95	12			0.1		0.5		0.1		0.9	0.2
151701	26	19	0.03	400	27	410		0.0		0.3		0.8		0.9	0.2
151702	65	110	1.8	100	49	560		2.7		2.9		9.5		1.8	<0.1
151703	16	8	0.02	110	<10	250		1.4		0.1		0.2		<0.1	<0.1
151704	260	100	1.5	180	55	470		1.7		2.6		4.3		12.	<0.1
151705	21	97	1.2	110	58	410		1.3		1.2		3.7		2.1	<0.1
151706	18	68	0.99	160	29	370		1.5		1.6		4.5		1.2	0.4
151707	18	110	1.3	55	47	410		0.9		2.2		2.7		1.4	<0.1
151708	16	27	1.0	140	24	310		1.7		0.9		1.8		0.6	<0.1
151709	89	38	0.70	200	27			1.0		0.7		0.5		0.4	<0.1
151710	72	63	2.4	250	31			3.3		0.3		1.1		0.9	1.5
151711	11	23	0.55	480	17			0.8		1.3		1.0		<0.1	<0.1
151712	100	41	1.5	270	33			2.0		1.4		0.7		<0.1	<0.1
151714	54	73	2.4	350	<10			3.4		1.0		1.3		1.0	<0.1
151715	20	67	3.9	290	24			5.5		2.0		0.6		0.7	<0.1
151716	79	39	0.29	660	30			0.4		1.0		0.5		2.9	<0.1

VAN HORN UNCONFORMITY
ORGANIC CARBON
OCTOBER 29, 1979
BX-3308

<u>Sample No.</u>	<u>% of Organic Carbon</u>
151458	0.039
151474	0.054
151475	0.033
151482	0.095
151483	0.029
151384	0.025
151594	0.128
151599	0.045
151600	0.033
151606	0.048
151607	0.091
151679	0.087
151680	0.052
151681	0.145
151685	0.029
151686	0.162
151687	0.507
151688	0.285
151689	0.345
151690	0.026
151691	0.016
151692	0.247
151693	0.138
151694	0.067
151695	0.060
151696	0.208
151697	0.109
151698	0.052
151699	0.030
151700	0.030

L-U	1.00 (329)																	
	LUNT																	
LUNT	0.84*** (325)	1.00 (331)																
	L-EU																	
L-EU	0.80*** (322)	0.85*** (323)	1.00 (327)															
	L-P																	
L-P	0.43*** (314)	0.43*** (314)	0.49*** (311)	1.00 (318)														
	L-LI																	
L-LI	-0.16*** (329)	-0.21*** (330)	-0.19*** (327)	0.18*** (318)	1.00 (334)													
	L-NB																	
L-NB	0.19*** (288)	0.24*** (289)	0.16*** (285)	0.05 (279)	-0.00 (291)	1.00 (291)												
	L-TH																	
L-TH	0.33*** (261)	0.42*** (262)	0.35*** (261)	0.23*** (256)	-0.16** (264)	0.24*** (243)	1.00 (264)											
	L-Y																	
L-Y	0.48*** (329)	0.60*** (330)	0.53*** (327)	0.53*** (318)	-0.02 (334)	0.40*** (291)	0.50*** (264)	1.00 (334)										
	L-ZR																	
L-ZR	0.40*** (328)	0.57*** (329)	0.46*** (326)	0.33*** (318)	0.08 (333)	0.45*** (291)	0.39*** (264)	0.84*** (333)	1.00 (333)									
	L-AL																	
L-AL	0.29*** (326)	0.44*** (327)	0.38*** (324)	0.43*** (318)	0.20*** (331)	0.22*** (288)	0.24*** (263)	0.72*** (331)	0.84*** (330)	1.00 (331)								
	L-TI																	
L-TI	0.24*** (329)	0.37*** (330)	0.34*** (327)	0.47*** (318)	0.20*** (334)	0.21*** (291)	0.15** (264)	0.70*** (334)	0.77*** (333)	0.87*** (331)	1.00 (334)							
	L-BA																	
L-BA	0.25*** (329)	0.41*** (330)	0.34*** (327)	0.11* (318)	-0.08 (334)	0.28*** (291)	0.15** (264)	0.44*** (334)	0.44*** (333)	0.47*** (331)	0.47*** (334)	1.00 (334)						
	L-K																	
L-K	0.33*** (324)	0.49*** (324)	0.41*** (321)	0.25*** (315)	-0.07 (328)	0.25*** (288)	0.23*** (262)	0.63*** (328)	0.77*** (328)	0.83*** (327)	0.70*** (328)	0.51*** (328)	1.00 (328)					
	L-EK																	
L-EK	0.30*** (318)	0.36*** (319)	0.36*** (323)	0.10* (309)	-0.10* (323)	0.25*** (281)	0.22*** (261)	0.48*** (323)	0.62*** (322)	0.63*** (322)	0.55*** (323)	0.45*** (323)	0.85*** (319)	1.00 (323)				
	LTGM																	
LTGM	0.53*** (210)	0.63*** (211)	0.60*** (207)	0.20*** (211)	-0.08 (214)	0.32*** (184)	0.25*** (169)	0.46*** (214)	0.52*** (213)	0.58*** (214)	0.36*** (214)	0.31*** (214)	0.71*** (210)	0.68*** (205)	1.00 (214)			
	LETH																	
LETH	0.46*** (319)	0.67*** (320)	0.62*** (324)	0.26*** (308)	-0.09 (324)	0.33*** (283)	0.48*** (261)	0.66*** (324)	0.72*** (323)	0.62*** (321)	0.48*** (324)	0.42*** (324)	0.63*** (318)	0.60*** (321)	0.65*** (206)	1.00 (324)		
	L-CA																	
L-CA	-0.08 (324)	-0.20*** (325)	-0.13** (322)	0.03 (314)	-0.02 (329)	-0.24*** (286)	-0.04 (259)	-0.15*** (329)	-0.41*** (328)	-0.46*** (326)	-0.25*** (329)	-0.34*** (329)	-0.45*** (323)	-0.41*** (318)	-0.46*** (210)	-0.43*** (319)	1.00 (329)	
	L-MG																	
L-MG	-0.20*** (325)	-0.36*** (326)	-0.30*** (323)	0.08 (314)	0.32*** (330)	-0.27*** (288)	-0.16*** (261)	-0.31*** (330)	-0.51*** (329)	-0.49*** (327)	-0.30*** (330)	-0.43*** (330)	-0.60*** (324)	-0.56*** (319)	-0.50*** (213)	-0.54*** (320)	0.71*** (326)	1.00 (330)
	L-SR																	
L-SR	-0.18*** (325)	-0.30*** (326)	-0.26*** (323)	0.22*** (314)	0.31*** (330)	-0.29*** (288)	-0.20*** (261)	-0.17*** (330)	-0.40*** (329)	-0.33*** (327)	-0.08 (330)	-0.44*** (330)	-0.63*** (324)	-0.57*** (319)	-0.56*** (213)	-0.51*** (320)	0.47*** (326)	0.39*** (330)

