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KAYOUK PENINSULA GEOCHEMISTRY

VANCOUVER ISLAND AREA, B.C.

I.L. Elliott

Report # 59-070-82

92-L

KAYOUK PENINSULA GEOCHEMISTRY

The pyrophyllite-alunite occurrences at Fair Harbour and on the extremity of the Kayouk Peninsula were mapped and sampled by G. Albino and C. Niles in June. Fifty seven rock samples and forty eight soil samples were analysed by ICP for 26 common elements at the Acme Laboratory. In addition, the samples were analysed for gold, thallium and mercury by AA and for Fluorine by specificion electrode techniques. The results of these determinations have now been received and form the basis of this commentary.

Rock Samples

A good suite of rock samples was obtained from shoreline exposures around the peninsula and inland east of Jensen Lake. Elements having significantly anomalous values are Hg F and As with isolated high concentrations of thallium, iron, copper and silver. There is a concentration of anomalous F,Hg As Tl and Fe at the head of the Kayouk Peninsula where the most obvious epithermal alteration is observed. This anomalous assemblage is consistent with a hot spring environment. No anamalous Au, Sb, Bi, or W values were recorded.

Soil Samples

Soil samples were collected at 50 m intervals along four lines 200 m apart covering the most intensely altered extremity of the peninsula. It would seem from the field notes that reasonably consistent material was obtained at all the sample sites. No anomalous metal values were recorded. The ICP technique was too insensitive to indicate any gold values. The more sensitive (because of the larger sample size) AA technique returned gold values between 5 - 40 ppb, mostly in association with anamolous arsenic mercury and fluorine, the only other distinctly anamolous elements. Very low level anomalous Sb, Bi and B are loosely associated with mercury and fluorine values. Spatially the anomalous soils are scattered over all the lines with perhaps the best grouping on line 1 which runs across the end of the peninsula.

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Recommendations

The geochemical sampling confirms the hot spring or fumarolic nature of the alunite pyrophyllite occurrences but gives only a weak indication of any gold mineralization. Three grab samples taken on an ealier visit (April) gave 400 - 1100 ppb gold. The property should be assessed along with our other targets and probably deserves speculative drilling for structural and sampling purposes.

I.L. Elliott

ILE/cs

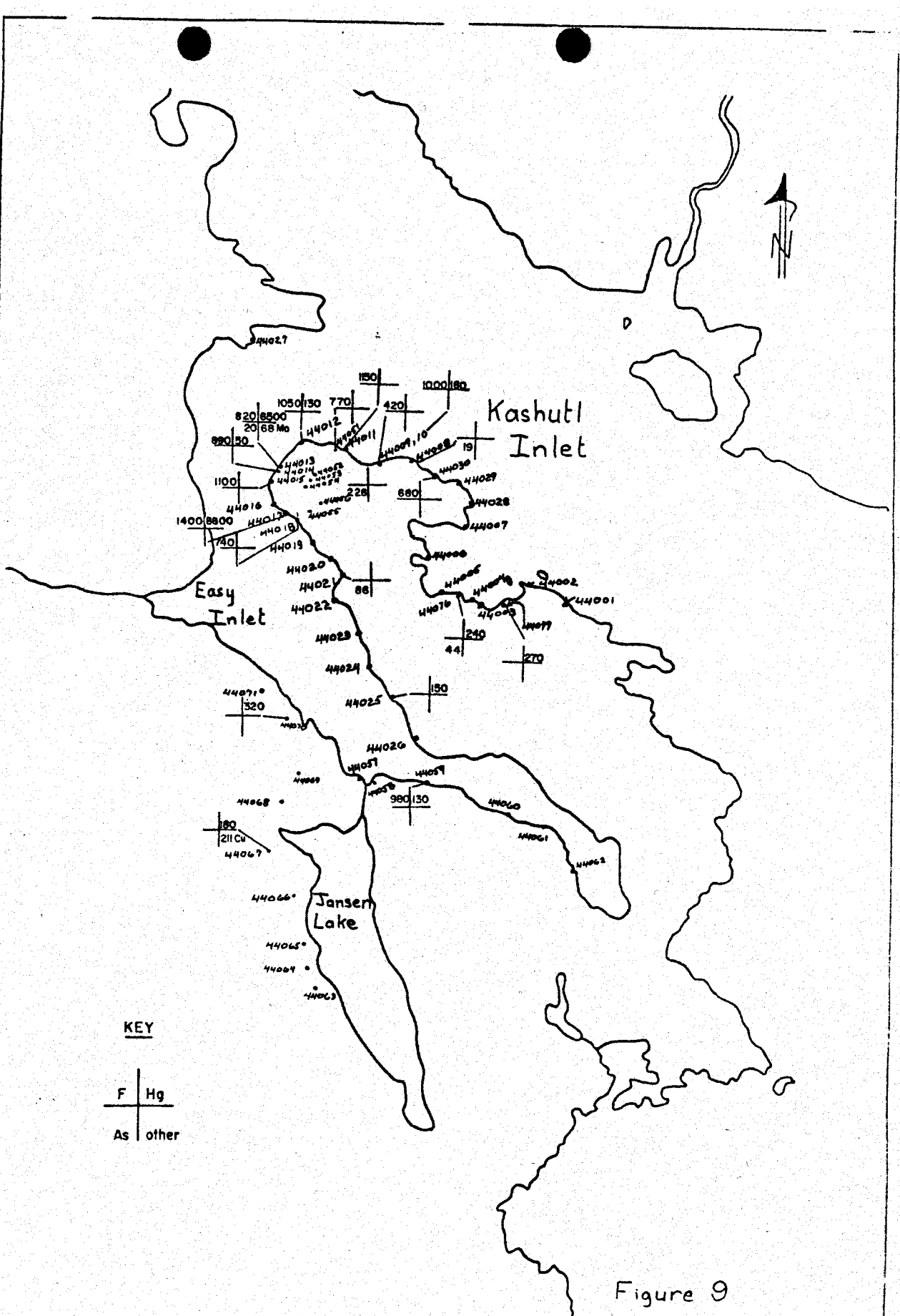

Figure 9

Sample Locations, Rock-chip
Kayouk-Peninsula-Jansen Lake
Area, N. Vancouver Island
92 L/13

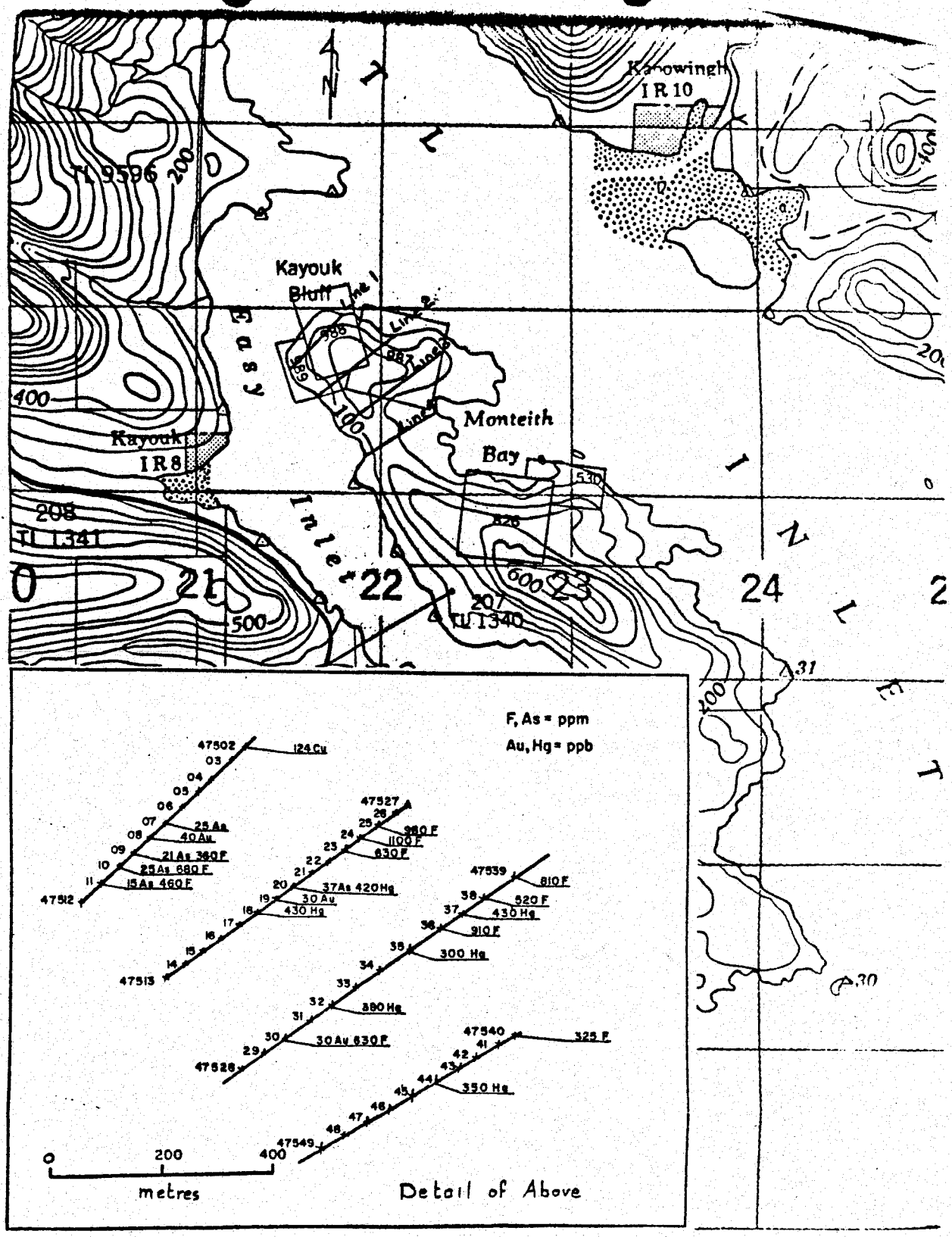

Figure 10

Soil Sample Location Map, Kayouk Peninsula, N Vancouver Island, 92 L/3

June 1982 G.V. Alkins

92L 3.

Kyuquot 82.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG* ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. TL* ANALYSIS BY GRAPHITE AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - ROCK AND SOIL

DATE RECEIVED 23 JUNE 1982 DATE REPORTS MAILED July 8/82 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

attention: Mr Chandler

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SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	NI ppm	CO ppm	MN ppm	FE %	AS ppm	U ppm	AU ppm	TH ppm	SR ppm	CD ppm	SB ppm	BI ppm	V ppm	CA %	P %	LA ppm	CR ppm	MG %	BA ppm	TI %	B ppm	AL %	NA %	K %	W ppm	AU* ppb	Hg* ppb	F ppm	TL ppm
44001	2	2	8	17	.1	10	22	625	4.89	5	2	ND	2	11	1	2	2	100	2.11	.08	11	53	.40	21	.10	18	.89	.08	.24	2	5	50	340	1
44002	2	12	10	50	.1	41	22	658	4.62	9	3	ND	2	22	1	2	3	119	.86	.08	7	85	2.56	23	.27	10	2.04	.15	.06	2	5	20	195	1
44003	1	44	15	51	.1	20	13	675	3.98	4	2	ND	2	23	1	2	3	121	1.47	.09	9	37	1.78	19	.31	7	2.46	.10	.06	2	5	40	305	1
44004	3	12	8	60	.2	13	12	692	4.14	10	2	ND	2	6	1	2	3	49	.85	.07	9	15	.99	28	.01	5	1.82	.07	.11	2	5	50	285	1
44005	2	9	4	38	.1	5	16	290	2.89	2	2	ND	2	7	1	2	2	18	.79	.06	12	4	.23	37	.01	8	1.04	.05	.30	2	5	10	350	2
44006	19	7	6	2	.3	5	3	36	1.93	5	2	ND	2	6	1	2	2	5	.02	.01	2	8	.02	4	.01	5	.09	.02	.15	2	5	40	155	1
44007	1	112	11	42	.2	56	23	585	4.88	8	3	ND	2	49	1	2	3	106	2.91	.09	6	86	2.46	5	.30	8	2.99	.06	.02	2	5	30	225	2
44008	2	5	10	306	.1	71	22	1295	4.19	19	2	ND	2	12	1	2	2	88	.92	.07	9	70	3.92	69	.08	5	2.82	.08	.04	2	5	40	610	2
44009	1	6	6	30	.1	5	4	206	1.95	6	2	ND	2	9	1	2	2	15	.25	.03	8	8	.30	82	.04	7	.80	.06	.27	2	5	10	420	1
44010	1	2	1	7	.1	2	1	50	.18	2	2	ND	2	13	1	2	2	4	.04	.01	2	4	.07	6	.01	4	.28	.02	.16	2	5	180	1000	2
44011	2	3	2	4	.2	2	2	15	.32	2	2	ND	2	3	1	2	2	2	.02	.01	2	4	.02	28	.01	9	.16	.01	.05	2	5	10	1150	2
44012	2	9	1	1	.2	5	2	1	2.74	12	2	ND	2	16	1	2	2	3	.01	.01	2	2	.01	9	.01	2	.46	.03	.19	2	5	130	1050	2.1
44013	884	32	3	2	.1	4	5	1	17.19	20	2	ND	2	21	1	2	2	20	.04	.05	12	28	.12	4	.01	12	.64	.14	.08	2	5	6500	820	.4
44014	2	8	1	1	.1	4	2	8	.81	6	2	ND	2	25	1	2	2	8	.01	.01	2	9	.01	5	.01	2	.49	.07	.16	2	5	50	890	.1
44015	4	3	2	1	.1	1	1	12	.32	2	2	ND	2	29	1	2	2	4	.01	.01	2	7	.01	3	.01	5	.26	.02	.01	2	5	30	1100	.1
44016	2	45	6	58	.1	9	12	515	4.93	15	2	ND	2	5	1	2	2	67	.36	.09	9	15	.70	43	.13	5	1.68	.03	.24	2	5	40	500	.3
44017	3	7	3	1	.4	5	9	18	1.01	3	2	ND	2	14	1	2	2	7	.01	.01	2	11	.01	3	.01	4	.48	.01	.09	2	5	3800	1400	.3
44018	5	5	2	1	.1	2	1	54	.44	2	2	ND	2	11	1	2	2	4	.03	.01	2	9	.01	234	.01	4	.23	.01	.02	2	5	90	740	.2
44019	2	1	7	136	.1	5	13	1153	6.23	10	2	ND	2	8	1	2	2	115	.60	.11	8	11	2.11	14	.26	4	2.22	.05	.04	2	5	50	570	.3
44020	10	8	2	1	.3	4	2	43	.95	2	2	ND	2	2	1	2	2	3	.01	.01	2	11	.01	5	.01	4	.09	.01	.07	2	5	110	225	.2
44021	2	16	15	4	.3	3	4	67	1.95	86	2	ND	2	12	1	2	2	6	.02	.02	5	6	.04	41	.01	5	.26	.01	.30	2	5	60	220	.3
44022	2	36	7	64	.1	7	23	629	6.77	4	2	ND	2	27	1	2	2	310	1.07	.08	8	16	1.35	15	.37	6	1.88	.19	.05	2	5	20	265	.2
44023	2	5	8	74	.1	1	16	906	5.94	4	2	ND	2	17	1	2	2	139	.97	.12	9	3	1.46	19	.32	7	1.39	.09	.07	2	5	15	360	.3
44024	2	42	14	121	.2	8	24	1082	7.56	8	2	ND	2	14	1	2	2	318	1.30	.08	8	15	1.73	19	.57	10	2.15	.09	.06	2	5	60	380	.3

SAMPLE # MO ppm	CU ppm	PB ppm	ZN ppm	AG ppm	NI ppm	CO ppm	MN ppm	FE %	AS ppm	U ppm	AU ppm	TH ppm	SR ppm	CD ppm	SB ppm	BI ppm	V ppm	CA %	P %	LA ppm	CR ppm	MG %	BA ppm	TI %	B ppm	AL %	NA %	K %	W ppm	AU ppb	Hg ppb	F ppm	TL ppm
44025																																
2	33	13	108	.3	4	25	1326	7.40	7				16				250	1.35	.09	8	8	2.61	16	.49	9	2.40	.06	.03		150	400	
44026																																
2	1	11	97	.1	4	14	1055	5.99	7				6				68	1.09	.11	8	9	1.80	14	.23	5	2.05	.06	.07		15	510	
44027																																
2	57	8	161	.1	27	23	1343	5.46	13				11				127	.84	.12	6	39	2.79	11	.20	7	2.27	.07	.05		70	560	
44028																																
2	1	10	102	.1	24	17	846	4.72	6				8				100	.77	.05	7	52	2.28	12	.32	7	1.53	.09	.05		15	450	
44029																																
1	35	9	72	.1	51	23	559	4.07	5				31				79	1.12	.09	6	67	2.48	10	.22	7	2.42	.11	.04		20	285	
44030																																
1	1	9	154	.1	41	16	744	3.93	14				8				79	.60	.06	9	39	2.37	53	.18	7	1.82	.06	.18		60	680	
44051																																
1	2	3	5	.1	2	1	24	.17	2				5				3	.19	.06	3	4	.07	22	.01	5	.35	.02	.19		15	770	
44052																																
1	3	9	30	.1	7	9	638	4.47	7				3				51	.40	.06	12	12	.33	75	.18	5	1.04	.01	.28		10	450	
44053																																
1	23	19	8	1.3	4	2	95	2.60	328				4				28	.23	.11	8	11	.12	174	.13	4	.63	.01	.30		55	560	
44054																																
1	18	7	49	.1	10	15	610	4.20	6				4				44	.27	.10	13	11	1.32	85	.11	8	1.95	.03	.26		15	440	
44055																																
2	1	8	109	.1	1	8	481	6.95	2				4				99	.49	.11	8	2	.31	11	.28	4	.69	.09	.03		35	480	
STD A-1																																
2	30	41	176	.4	35	13	1005	2.85	11				35				57	.65	.10	10	71	.76	264	.09	6	1.95	.02	.23		55		
44056																																
1	1	13	101	.1	1	15	882	7.11	7				11				133	.87	.13	10	1	1.50	21	.46	8	1.68	.08	.06		30	305	
44057																																
1	44	17	88	.1	14	19	1647	6.64	17				10				211	1.55	.12	7	47	3.04	8	.46	7	3.55	.06	.01		90	275	
44058																																
1	4	7	18	.1	1	2	177	2.73	7				6				5	.13	.04	5	6	.14	96	.11	4	.49	.07	.14		60	135	
44059																																
1	7	5	1	.1	1	2	20	3.30	14				3				4	.02	.01	2	1	.05	3	.01	7	.27	.02	.10		130	880	
44060																																
1	8	3	1	.1	3	5	13	.88	4				4				2	.01	.01	2	2	.01	8	.01	6	.15	.02	.04		40	610	
44061																																
1	1	14	133	.1	1	11	1425	6.81	7				18				76	1.30	.19	12	1	2.01	15	.40	11	2.36	.08	.06		70	470	
44062																																
1	14	9	82	.1	15	15	883	5.04	13				8				95	2.11	.11	8	27	1.56	17	.24	5	1.85	.06	.08		35	530	
44063																																
1	7	11	42	.1	10	17	746	6.17	8				7				136	1.95	.10	7	14	1.76	17	.37	14	2.27	.08	.01		5	295	
STD A-1																																
1	32	43	174	.4	35	12	1037	2.90	11				38				60	.67	.10	10	76	.78	304	.09	6	2.11	.02	.19		55		
44064																																
1	3	5	11	.1	1	1	230	2.00	4				3				7	.39	.05	9	6	.07	32	.09	5	.63	.05	.28		10	405	
44065																																
1	5	6	47	.1	2	3	669	2.93	4				4				11	.61	.05	18	5	.58	29	.01	7	1.31	.02	.10		45	335	
44066																																
1	17	11	85	.1	7	19	1253	6.49	10				6				159	.93	.11	9	10	2.14	34	.20	4	2.92	.05	.05		100	425	
44067																																
2	211	7	27	.2	1	1	501	2.64	4				2				5	.10	.03	4	4	.33	45	.09	4	.74	.01	.21		180	290	
44068																																
4	6	9	43	.1	1	1	640	2.60	5				2				14	.10	.03	4	4	.41	32	.07	6	1.08	.05	.14		80	195	
44069																																
2	8	12	30	.1	1	1	444	2.85	7				1				7	.03	.03	6	5	.27	25	.05	2	.78	.05	.07		170	125	
44070																																
1	10	9	53	.1	5	5	827	3.66	7				9				32	.92	.05	7	8	.90	22	.19	3	1.48	.06	.06		320	235	
44071																																
2	2	10	36	.1	1	1	593	2.67	2				18				2	.32	.03	9	5	.29	16	.18	2	.93	.07	.05		65	220	
44072																																
1	1	1	1	.1	1	1	37	.17	2				1				2	.01	.01	2	1	.01	3	.01	2	.09	.01	.04		20	80	

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SAMPLE # MO	CU ppm	PB ppm	ZN ppm	AG ppm	NI ppm	CO ppm	MN ppm	FE %	AS ppm	U ppm	AU ppm	TH ppm	SR ppm	CD ppm	SB ppm	BI ppm	V ppm	CA %	P %	LA ppm	CR ppm	MG %	BA ppm	TI %	B ppm	AL %	NA %	K %	W ppm	AU ppb	Hg# ppb	F ppm	TL ppm
44073																																
1	1	1	1	.1	1	1	26	.18	2		ND	2	1		2	2	2	.01	.01	2	3	.01	3	.01	2	.09	.01	.03	2		15	95	1
44074																																
1	1	2	1	.1	1	1	22	.18	2		ND	2	3		2	2	2	.08	.03	2	2	.01	5	.01	2	.29	.01	.15	2		15	215	1
44075																																
1	2	1	1	.1	1	1	34	.28	2		ND	2	1		2	2	2	.03	.01	2	5	.01	2	.01	2	.06	.01	.02	2		20	90	1
44076																																
5	54	14	19	.4	1a	10	166	2.93	44		ND	2	5		2	2	26	.10	.05	7	9	.26	176	.05	5	.89	.01	.21	2	1	2400	320	2
44077																																
1	4	2	1	.1	1	1	34	.29	2		ND	2	3		2	2	2	.01	.01	2	5	.01	10	.01	2	.12	.01	.03	2	1	270	125	2
47502																																
1	124	12	91	.9	4	4	114	.74	2		ND	2	58		2	2	13	1.26	.12	34	7	.20	160	.01	6	1.38	.08	.09	2	10	130	265	1
47503																																
1	6	5	14	.1	1	1	13	.14	2		ND	2	37		2	2	3	.14	.04	2	2	.21	90	.01	2	.24	.03	.03	2	10	90	105	2
47504																																
1	28	22	27	.1	3	2	124	3.87	4		ND	2	14		2	3	43	.11	.15	12	9	.11	85	.01	4	3.88	.02	.08	2	5	170	375	1
47505																																
1	16	6	15	.1	2	1	32	2.02	2		ND	2	10		2	2	34	.02	.01	9	9	.04	94	.07	3	.41	.01	.03	2	5	60	410	1
47506																																
1	5	9	16	.1	2	1	36	.99	5		ND	2	33		2	2	18	.22	.06	3	6	.07	120	.05	5	.30	.02	.08	2	15	140	155	1
47507																																
1	12	16	6	.1	1	2	37	4.29	25		ND	2	3		2	2	107	.02	.04	6	10	.04	41	.23	2	.80	.01	.07	2	5	30	225	1
47508																																
1	7	13	19	.3	2	1	141	.80	4		ND	2	21		2	2	14	.13	.07	2	4	.11	111	.02	3	.25	.02	.09	2	40	170	85	2
47509																																
1	37	22	33	.2	4	3	235	5.64	21		ND	2	5		2	4	63	.05	.17	10	13	.21	72	.03	6	4.87	.01	.11	2	20	270	360	3
47510																																
1	27	22	18	.3	6	6	245	7.70	25		ND	2	11		2	3	99	.15	.14	8	28	.18	84	.01	6	2.54	.01	.14	2	5	160	680	2
47511																																
1	71	26	45	.6	15	26	1513	4.78	15		ND	2	11		2	4	92	.30	.15	11	24	.25	245	.04	7	3.59	.03	.14	2	20	170	460	1
47512																																
1	7	9	18	.1	1	1	41	.08	3		ND	2	24		2	2	2	.81	.07	2	1	.11	185	.01	5	.10	.03	.05	2	10	180	75	2
47513																																
1	98	23	58	.1	14	13	617	6.47	8		ND	2	10		2	4	172	.23	.09	8	69	.43	53	.11	6	5.47	.01	.07	2	10	240	245	1
47514																																
1	54	22	43	.1	7	18	2217	5.75	7		ND	2	11		2	4	117	.22	.14	10	23	.31	67	.10	6	2.65	.01	.09	2	5	250	210	1
47515																																
1	2	10	12	.1	1	1	97	4.10	2		ND	2	8		2	2	62	.08	.05	4	4	.05	18	.23	5	.21	.04	.02	2	15	140	105	2
47516																																
1	1	10	14	.1	1	1	103	6.24	5		ND	2	7		2	2	167	.05	.03	6	10	.05	13	.34	4	.51	.03	.02	2	20	30	70	2
47517																																
1	76	32	74	.1	9	10	412	7.67	10		ND	2	11		2	5	314	.13	.10	10	29	.42	30	.28	5	5.97	.02	.05	2	5	210	225	1
47518																																
1	16	21	24	.2	7	51	3257	4.02	13		ND	2	7		2	5	67	.06	.18	8	19	.22	40	.08	5	3.40	.01	.06	2	5	430	130	1
47519																																
1	13	12	17	.1	2	3	111	1.92	9		ND	2	18		2	2	36	.12	.06	4	8	.11	76	.02	5	.98	.02	.14	2	30	150	175	1
47520																																
1	9	9	22	.1	1	1	34	.61	37		ND	2	37		2	2	12	.20	.06	2	3	.13	46	.02	3	.22	.04	.07	2	5	420	85	1
47521																																
1	8	16	14	.1	3	2	91	5.78	23		ND	2	5		2	2	100	.03	.08	9	16	.12	51	.12	4	1.99	.01	.06	2	5	90	380	1
47522																																
1	38	22	37	.1	3	10	1755	5.03	21		ND	2	5		2	5	82	.09	.21	11	13	.08	66	.04	4	4.25	.01	.08	2	5	270	245	2
47423																																
1	9	8	17	.1	2	1	49	2.00	2		ND	2	6		2	2	34	.04	.05	10	11	.05	37	.01	4	1.23	.02	.11	2	5	110	630	1
47524																																
2	11	12	8	.1	2	1	32	4.84	12		ND	2	9		2	2	84	.03	.08	13	19	.06	125	.02	3	1.36	.01	.05	2	5	90	1100	1
47525																																
1	10	7	7	.1	1	1	30	1.54	3		ND	2	3		2	2	33	.05	.04	10	12	.03	45	.01	6	.93	.01	.12	2	5	60	980	1
47526																																
1	5	17	57	.1	10	4	291	4.48	15		ND	2	8		2	3	88	.05	.07	12	32	.31	44	.02	4	3.23	.02	.03	2	5	130	285	1

SOIL X Rock

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SAMPLE #	MO ppm	CU ppm	PB ppm	ZN ppm	AS ppm	NI ppm	CO ppm	MN ppm	FE %	AS ppm	U ppm	AU ppm	TH ppm	SR ppm	CD ppm	SB ppm	BI ppm	V ppm	CA %	P %	LA ppm	CR ppm	MG %	BA ppm	TI %	B ppm	AL %	NA %	K %	W ppm	Au$ ppb	Hg$ ppb	F ppm	TI ppm
47527																																	
1	6	11	23	.1	2	1	51	.07**	2			NO		70		2	2	2	.57	.07	2	1	.19	74	.01	6	.11	.04	.05		5	260	33	.1
47528																																	
1	3	13	12	.1	1	1	90	7.06	8			NO		8		4	2	164	.09	.03	7	10	.06	24	.36	4	.54	.03	.02		5	70	125	.1
47529																																	
1	21	18	22	.1	6	3	81	5.10	11			NO		13		3	2	144	.06	.07	6	26	.16	59	.08	5	1.91	.02	.05		5	160	375	.1
47530																																	
1	21	18	25	.1		4	129	7.55	11			NO		8		2	3	176	.07	.05	10	34	.27	44	.06	5	2.80	.01	.06		30	70	(630)	.1
47531																																	
1	9	18	26	.1	1	4	221	7.60	15			NO		5		3	2	175	.04	.13	8	3	.11	52	.20	3	1.56	.02	.03		10	90	215	.1
47532																																	
1	93	27	69	.2	14	26	3761	5.73	11			NO		6		5	7	103	.09	.17	9	44	.29	62	.06	7*	4.05	.01	.12		5	[280]	275	.1
47533																																	
1	35	22	82	.1	16	21	1946	4.26	10			NO		9		6*	10**	62	.24	.20	18	23	.30	133	.03	5	4.16	.02	.09		5	210	340	.2
47534																																	
1	6	7	15	.3	1	1	119	.09**	3			NO		44		2	2	2	.12	.06	2	2	.37	33	.01	7*	.18	.04	.05		5	130	42	.2
47535																																	
3	10	13	11	.1	2	1	1015	.14**	2			NO		34		2	2	6	2.30	.10	4	1	.07	114	.01	7*	.24	.03	.01		5	[300]	38	.3
47536																																	
1	4	9	11	.1	3	2	40	4.82	6			NO		5		2	2	77	.05	.03	12	26	.08	39	.01	6	1.05	.01	.18		5	45	[910]	.2
47537																																	
1	8	9	21	.2	1	1	324	.13**	2			NO		24		2	2	3	.68	.08	2	1	.10	20	.01	5	.14	.03	.06		5	[430]	56	.3
47538																																	
1	11	12	13	.1	3	2	71	3.73	4			NO		18		3	2	62	.13	.03	10	20	.08	80	.02	5	1.09	.01	.09		5	100	520	.1
47539																																	
1	5	10	8	.1	2	1	47	3.78	15			NO		5		2	2	89	.04	.04	7	20	.07	27	.04	4	1.20	.01	.05		5	50	[610]	.1
47540																																	
2	4	7	6	.1	2	1	43	2.07	4			NO		9		2	2	49	.14	.03	5	15	.04	18	.04	4	.26	.01	.03		10	70	325	.2
47541																																	
1	5	9	16	.2	1	1	57	.08**	2			NO		31		2	2	2	.27	.05	2	1	.13	17	.01	3	.06	.03	.07		5	240	26	.1
47542																																	
1	9	8	11	.1	1	1	38	.57*	2			NO		66		2	2	10	.24	.02	3	10	.15	93	.02	2	.15	.03	.02		5	75	130	.1
47543																																	
2	4	14	17	.5	1	1	393	.07**	2			NO		38		2	2	2	.40	.10	2	1	.11	18	.01	5	.07	.02	.07		5	250	23	.1
47544																																	
2	7	8	27	.9	1	1	43	.16*	3			NO		33		2	2	3	.23	.06	2	3	.14	50	.01	3	.12	.04	.04		5	[350]	38	.1
47545																																	
1	6	10	15	.2	3	1	94	1.07	3			NO		19		2	2	36	.12	.07	2	4	.13	25	.07	5	.39	.03	.05		5	250	70	.1
47546																																	
1	23	26	52	.1	11	8	312	6.60	11			NO		5		2	4	161	.04	.07	8	31	.47	33	.20	5	6.12	.01	.02		5	120	310	.1
47547																																	
1	5	18	11	.1	2	3	130	5.35	6			NO		3		2	2	93	.02	.06	7	11	.03	9	.16	4	1.86	.02	.01		5	150	75	.1
47548																																	
1	18	15	30	.3	9	6	1155	3.66	14			NO		24		2	3	61	1.03	.05	16	14	.14	226	.03	3	1.14	.01	.04		5	130	205	.1
47549																																	
1	10	25	38	.1	2	1	79	.12**	2			NO		41		2	2	3	.59	.10	2	1	.13	135	.01	4	.11	.03	.03		5	240	40	.1
STD A-1																																	
1	31	45	166	.3	34	12	1003	2.78	11			NO		38		2	3	58	.64	.10	10	72	.75	300	.09	6	2.02	.02	.19		5	55	0	.1