PROSPECTING REPORT
OF HIGH POCKETS 1 CLAIM
NELSON, B. C.

Submitted by:

S. Paszty
PROSPECTOR

June 17, 1980

TITLE PAGE

Assessment report of High Pockets mineral claim in the Nelson Mining Division.

This claim consists of 20 units and is owned by Steve Paszty, 2644 - 10th Avenue, Castlegar, B. C. V1N 3A2.

Latitude is 49 deg. 33'
Longitude is 117 deg. 19' on map 82F/11

Operators are S. Paszty and A. Terekoff

This report is submitted by S. Paszty and dated June 17, 1980.

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INTRODUCTION & OBSERVATIONS

The High Pockets 1 claim is located north of Nelson on Mount Nelson at an elevation of 3500 feet to 5600 feet.

The claim consists of twenty units and is owned by S. Paszty, 2644 - 10th Ave., Castlegar, B.C. V1N 3A2.

Access to the property is by a ten mile 4-wheel drive dirt road and is an access road to the microwave tower.

The High Pockets 1 claim was prospected for the source of uranium which may be the cause of high uranium content of Four Mile Creek. A large body of white quartz extends for approx. 500 metres in an east - west direction. This body appears to be continuous and is covered in places by overburden. On the north side of the body are bodies of orthoclase which contains the source of radioactivity, namely euxenite.

Soil sampling was done on the north side of the orthoclase to locate the maximum source of uranium.

Soil sampling was done every 25 metres and red flagging used to located the sample holes.

TECHNICAL DATA AND INTERPRETATION

Soil sampling was done on the north, east, west sides of the "finding" of euxenite along the road.

This also served a purpose of whether uranium leached from the quartz body. Crystals of euxenite were found with magnetite in the orthoclase. There appears to be leaching of the uranium in the soil.

This was determined by using an Exploranium scintillometer GRS 101A and finding the B horizon in the soil more radioactive than the bed rock. This is shown on job sheet V-790542S along with the scintillometer counts recorded.

A total of 97 soil samples were taken and weighed to the nearest grain as requested by the Mining Inspector.

The large quartz body was assayed and found to be high in SiO2 (+)99%. Cominco has shown a desire to contract the silica for smelting purposes.

Nine soil samples were taken along the road and there appears to be an above average content of molybdenum.

ITEMIZED COST STATEMENT

PREPARATORY INVESTIGATION OF HIGH POCKETS 1 MINERAL CLAIM FOR SOIL SAMPLING

S. PASZTY

	Hours	Hours Travelling
June 16, 1979	8	4
June 17, 1979	9	4
June 19, 1979	9	4
June 22, 1979	9	4
June 24, 1979	8	4
July 16, 1979	6	4
July 17, 1979	9	4
Aug. 20, 1979	6	4
	64	32

A. TEREKOFF

June 16, 1979	8	4
June 17, 1979	9	4
June 19, 1979	9	4
June 22, 1979	9	4
June 24, 1979	8	4
July 16, 1979	6	4
July 17, 1979	9	4
Aug. 20, 1979	6	4
	64	32

Total Time	64
	32
	64
	32
	192
Labour Value	x $9
	$ 1728

ITEMIZED COST STATEMENT

SOIL SAMPLING GRID

S. PASZTY

	Hours	Hours Travelling
Aug. 26, 1979	10	4
Oct. 13, 1979	9	4
Oct. 15, 1979	6	Map Drawing
	25	8

A. TEREKOFF

Aug. 26, 1979	10	4
Oct. 13, 1979	9	4
Oct. 15, 1979	6	Map Drawing
	25	8

Total Time	25
	8
	25
	8
Total	66
Labour Value	x $9
	$ 594

ITEMIZED COST STATEMENT

EQUIPMENT RENTAL

4-wheel drive rental equivalent @ $125 a week x 4 weeks	$ 500
Scintillometer rental equivalent @ $240 a month x 2 months	$ 700
One day Cominco Geologist consulting value	$ 250
97 soil sample assays value @ $3 each	$ 291
Preparatory Grid Work & Prospecting Total	$ 1728
Soil Sampling Grid Total	$ 594
Total Assessment Costs	$ 4063

QUALIFICATIONS

The authors qualifications are:

S. Paszty - 5 prospecting courses.
2 weeks at Selkirk College participating in advanced mineral exploration for prospectors

A. Terekoff - 4 prospecting courses.
2 weeks at Selkirk College participating in advanced mineral exploration for prospectors.

SELKIRK COLLEGE

CASTLEGAR, B. C., CANADA

COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

STEVE PASZTY

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

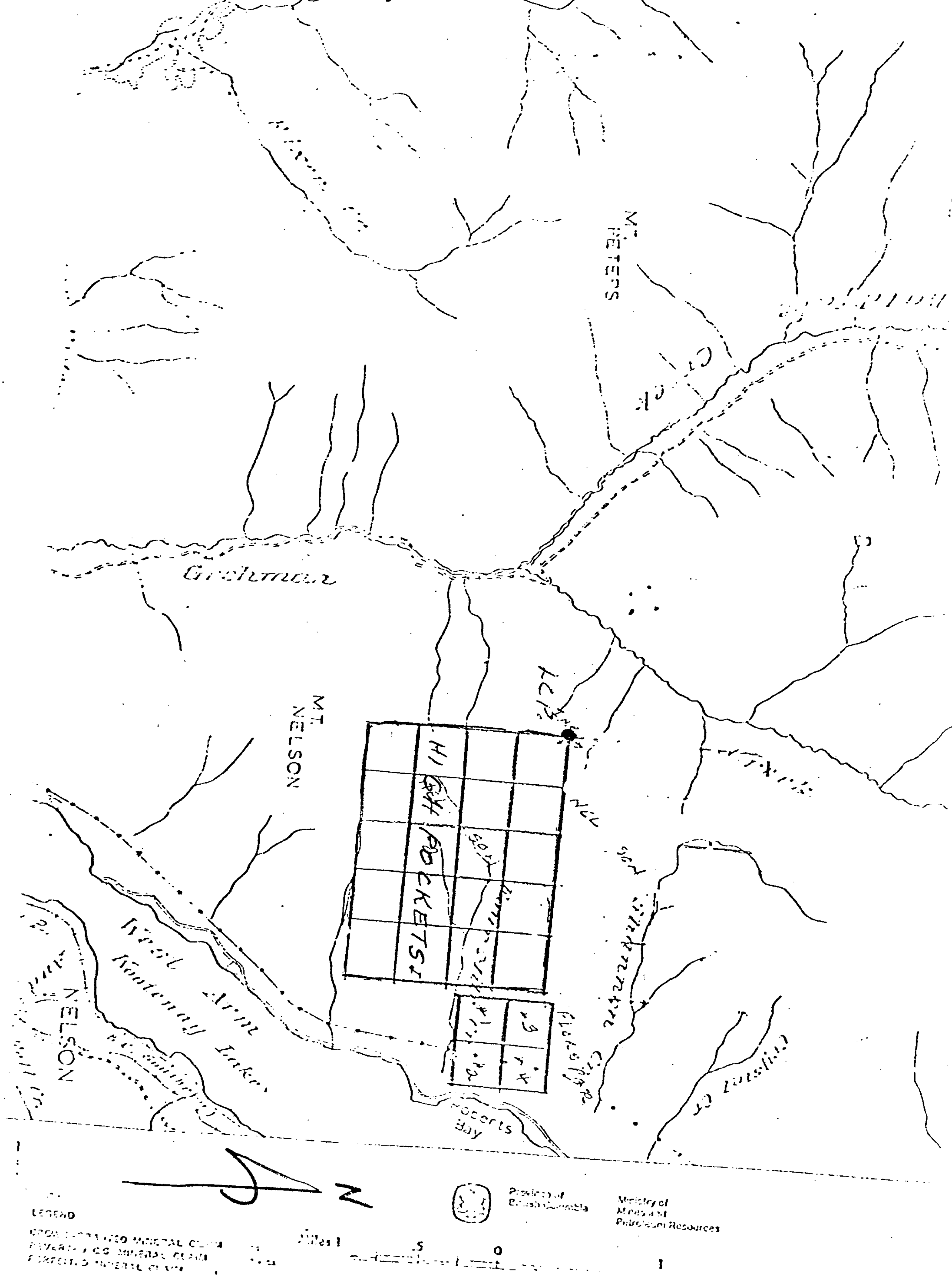
120 Hour Course

Sponsored by: Ministry of Mines & Petroleum Resources & Ministry of Education

April 3[illegible] - May 13, 1978

INSTRUCTOR/PROGRAM COORDINATOR

DIRECTOR OF COMMUNITY EDUCATION SERVICES


MT. PETERS
Creek
Grohman
MT. NELSON
HIGH POCKETS
West Arm
Kootenay Lake
NELSON
Roberts Bay
LEGEND
Province of British Columbia
Ministry of Mines and Petroleum Resources
Miles 1
.5
0
1

SILICA

Crystal Group*

Grohman Creek (49° 117° N.E.). In 1963 H. E. Stevenson and J. O. Grady, of Nelson, located 14 claims on a quartz deposit on the northwest slope of Mount Nelson. In February, 1964, they located two more adjoining claims. The 16 claims were combined into the Crystal group in August, 1964, and turned over to Monzoon Industries Ltd.

The quartz is at 5,500 feet elevation on the Grohman Creek side of Mount Nelson, 3 miles northwest of Nelson City. Access is by boat to the mouth of Grohman Creek, then by jeep for 5 miles up the old Grohman Creek logging-road to the forks at Baldface Creek, and thence by 2½ miles of rough tractor-road to the property.

The showings are on the flat burned-over shoulder of the mountain. Although overburden probably averages not more than a foot or two deep, claim exposures of bedrock are small and discontinuous. Bare quartz patches a few feet in diameter occur scattered at 5- to 20-foot intervals over an area 300 to 400 feet long by 100 to 150 feet wide, the length oriented a little north of west. The highest exposure is approximately 65 feet above the lowest. At the northwest limit the quartz appears to lens out into coarse-grained perthite. Similar feldspar is uncovered in a gully just off the southeast end of the showing. On the edge of another gully along the southwest side the quartz is iron stained and shattered, indicating that it probably is limited in that direction by a fault trending north 70 degrees west down the gully. About 400 feet northeast of the main showing more quartz occurs in intermittent patches scattered over an area 250 feet long and 90 feet wide. A sharp gully trending north 20 degrees west, probably the site of a fault, separates the two quartz bodies, so it is possible they are offset segments of one original mass. The surrounding country rock is light-grey to white granite. The quartz is apparently the core, surrounded by feldspar of a pegmatite lens in the granite. Two samples consisting of chips collected at random over the surfaces of the two quartz bodies were analysed. No. 1 was from the main showing and No. 2 was from the other. They had the following percentage compositions:—

	SiO_2	Al_2O_3	Fe (Total)	CaO
No. 1	98.64	0.89	0.02	Tr.
No. 2	98.84	0.42	0.04	0.06

No development work had been done on the ground when it was examined. Later in the season the tractor-road was completed to the outcrop site, and about 2,000 feet of stripping is reported to have been done with a bulldozer. The stripping revealed the quartz outcrops to be discontinuous and the possible tonnage of silica available too small for commercial mining.

Winlaw (Ren Silica Limited)†

(49° 117° N.E.) Ren Silica Limited is a private company headed by Garnet Norris, of Winlaw. The company owns a crushing and screening plant at Winlaw and operates a silica quarry on the east side of the north fork of Winlaw (Cedar) Creek, 2¼ miles upstream from the forks. The road from the quarry to Winlaw was improved to permit heavy-duty trucks to haul quarried silica from the pit to the crusher, a distance of 5½ miles.

* By J. W. McCammon and P. E. Olson.
† By P. E. Olson.

1961

HIGH POCKETS 1 SOIL SAMPLING

Specimen #	Location	Weight
1	500 S & 0000 East	588 Grains
2	500 S & 0025 "	457 "
3	500 S & 0050 "	567 "
4	500 S & 0075 "	345 "
5	500 S & 0100 "	501 "
6	500 S & 0125 "	769 "
7	500 S & 0150 "	541 "
8	500 S & 0175 "	584 "
9	500 S & 0200 "	486 "
10	500 S & 0225 "	628 "
11	500 S & 0250 "	494 "
12	500 S & 0275 "	528 "
13	500 S & 0300 "	418 "
14	500 S & 0325 "	420 "
15	500 S & 0350 "	506 "
16	500 S & 0375 "	518 "
17	500 S & 0400 "	638 "
18	500 S & 0425 "	661 "
19	500 S & 0450 "	661 "
20	500 S & 0475 "	810 "
21	500 S & 0500 "	783 "
22	500 S & 0525 "	476 "
23	500 S & 0550 "	548 "
24	500 S & 0575 "	732 "
25	500 S & 0600 "	696 "
26	500 S & 0625 "	653 "
27	500 S & 0650 "	463 "
28	500 S & 0675 "	521 "
29	500 S & 0700 "	564 "
30	500 S & 0725 "	609 "
31	500 S & 0750 "	526 "
32	500 S & 0775 "	642 "
33	500 S & 0800 "	625 "
34	500 S & 0825 "	562 "
35	500 S & 0850 "	535 "
36	500 S & 0875 "	521 "
37	500 S & 0900 "	662 "
38	500 S & 0925 "	723 "
39	500 S & 0950 "	657 "
40	500 S & 0975 "	487 "
41	500 S & 1000 "	522 "
	Total	23,627 Grains

Specimen #	Location	Weight
42	550 E & 0525 South	697 Grains
43	550 E & 0550 "	753 "
44	550 E & 0575 "	655 "
45	550 E & 0600 "	726 "
46	550 E & 0625 "	971 "
47	550 E & 0650 "	652 "
48	550 E & 0675 "	853 "
49	550 E & 0700 "	774 "
50	550 E & 0725 "	867 "
51	550 E & 0750 "	549 "
52	550 E & 0775 "	661 "
53	550 E & 0800 "	735 "
54	550 E & 0825 "	591 "
55	550 E & 0850 "	931 "
56	550 E & 0875 "	828 "
57	550 E & 0900 "	944 "
58	550 E & 0925 "	792 "
59	550 E & 0950 "	909 "
60	550 E & 0975 "	960 "
61	550 E & 1000 "	903 "
62	550 E & 1025 "	883 "
63	550 E & 1050 "	771 "
64	550 E & 1075 "	978 "
65	550 E & 1100 "	712 "
66	550 E & 1125 "	686 "
67	550 E & 1150 "	754 "
68	550 E & 1175 "	888 "
69	550 E & 1200 "	898 "
70	550 E & 1225 "	820 "
71	550 E & 1250 "	822 "
72	550 E & 1275 "	857 "
73	550 E & 1300 "	922 "
74	550 E & 1325 "	933 "
75	550 E & 1350 "	929 "
76	550 E & 1375 "	907 "
	Total	28,511 Grains

Specimen #	Location	Weight
77	0000 & 0525 South	869 Grains
78	0000 & 0550 "	591 "
79	0000 & 0575 "	673 "
80	0000 & 0600 "	622 "
81	0000 & 0625 "	905 "
82	0000 & 0650 "	656 "
83	0000 & 0675 "	632 "
84	0000 & 0700 "	771 "
85	0000 & 0725 "	579 "
86	0000 & 0750 "	788 "
87	0000 & 0775 "	786 "
88	0000 & 0800 "	917 "
89	0000 & 0825 "	575 "
90	0000 & 0850 "	616 "
91	0000 & 0875 "	660 "
92	0000 & 0900 "	614 "
93	0000 & 0925 "	847 "
94	0000 & 0950 "	783 "
95	0000 & 0975 "	816 "
96	0000 & 1000 "	707 "
97	0000 & 1025 "	948 "

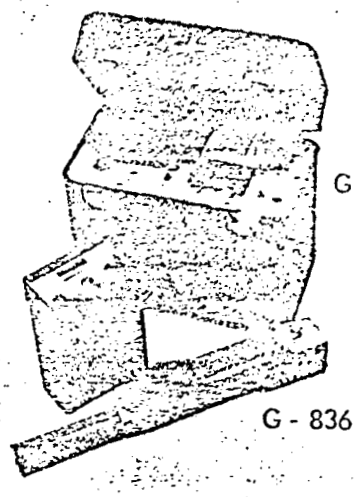
Total Sheet #3	15,355 Grains
Total Sheet #2	28,511 "
Total Sheet #1	23,627 "
Total	67,493 Grains
Divided by 437.5	154.2697 Oz.
Divided by 16	9.6415 Lbs.

Total weight of all soil samples 9.6415 Lbs.

PROTON MAGNETOMETERS

	G-816	G-826A	G-836
Mineral Exploration	X	X	X
Petroleum Exploration	X	X	
Engineering Geology	X	X	X
Recording Base Station		X	
Teaching Tool for Colleges	X		X
Search Applications	X	X	
Archaeological Investigations	X	X	

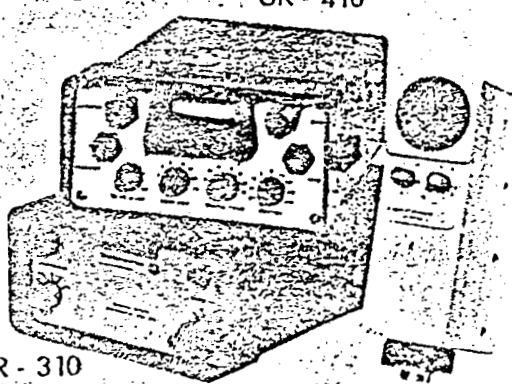
GeoMetrics offers a complete line of field proton magnetometers for every survey requirement. The table index above indicates which instrument is most likely suited to your portable application. For other applications, including airborne and marine surveys, please write or comment on the attached reply card.



GAMMA RAY SPECTROMETERS

	GR-310	GR-410	GR-101A
Radioactive Mineral Exploration	X	X	X
Determinations of K, U, Th	X	X	
Geologic Mapping		X	
Analog Recording Applications		X	
Teaching Tool for Colleges	X	X	X
Bore Hole Applications		X	
Mineral Specimen Analysis		X	

The Exploranium division of GeoMetrics offers several unique gamma ray instruments for most field requirements. The table index above indicates which instrument is best suited to your portable application. For other applications, including airborne and truck mounted surveys, please write or comment on the attached reply card.



~~PORTABLE GEOPHYSICAL INSTRUMENTS~~

MODEL G-836 "Uni-Mag" FIELD PROTON MAGNLTOMETER (±5 Gamma Sensitivity)
Unit Price: $1800.00; Lease Rate: $ 330.00/mth, Insurance $18.00/mth

MODEL G-816 PROTON MAGNETOMETER (1.0 Gamma Sensitivity)
Unit Price: $3275.00; Lease Rate: $ 490.00/mth, Insurance $32.00/mth

MODEL G-826A RECORDING BASE STATION PROTON MAGNETOMETER
Unit Price: $7600.00; Lease Rate: $1025.00/mth, Insurance $45.00/mth

MODEL GR-101A GAMMA RAY SCINTILLOMETER
Unit Price: $1275.00; Lease Rate: $ 225.00/mth, Insurance $15.00/mth

MODEL GR-310 DIFFERENTIAL GAMMA RAY SPECTROMETER
Unit Price: $3150.00; Lease Rate: $ 475.00/mth, Insurance $30.00/mth

MODEL GR-410 DIFFERENTIAL GAMMA RAY SPECTROMETER (incl. External GPX-21)
Unit Price: $6800.00; Lease Rate: $1020.00/mth, Insurance $50.00/mth

MODEL ES-125 SIGNAL ENHANCEMENT SEISMOGRAPH
Unit Price: $2680.00; Lease Rate: $ 400.00/mth, Insurance $25.00/mth

MODEL ES-1200 12 CHANNEL SIGNAL ENHANCEMENT SEISMOGRAPH
Prices available upon request

ONE MONTH MINIMUM LEASE PERIOD WITH LEASE/PURCHASE OPTION AVAILABLE

AVAILABLE

Borne and Marine Magnetometer Systems Digital & Analogue Recording Systems
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TELEPHONE: (416) 661-1964
TELEX No.: 06-22484

MINE ENGINEERING — JOB 079 — 1078S

REPORTING DATE 9 NOV 1979

High Pockets I

Soil Samples taken by Steve Pasutti & Alex Terekoff

SAMPLE NUMBER	FIELD NUMBER	U ppm
079 45004	HP 01	16.0
079 45005	HP 02	20.0
079 45006	HP 03	3.7
079 45007	HP 04	7.6
079 45008	HP 05	8.3
079 45009	HP 06	17.0
079 45010	HP 07	3.4
079 45011	HP 08	1.3
079 45012	HP 09	0.7
079 45013	HP 10	6.4
079 45014	HP 11	8.8
079 45015	HP 12	1.3
079 45016	HP 13	1.6
079 45017	HP 14	1.4
079 45018	HP 15	1.0
079 45019	HP 16	0.4
079 45020	HP 17	0.6
079 45021	HP 18	1.4
079 45022	HP 19	0.9
079 45023	HP 20	2.3
079 45024	HP 21	1.0
079 45025	HP 22	6.1
079 45026	HP 23	1.4
079 45027	HP 24	1.4
079 45028	HP 25	1.7
079 45029	HP 26	3.6
079 45030	HP 27	6.1
079 45031	HP 28	2.6
079 45032	HP 29	1.0
079 45033	HP 30	1.1
079 45034	HP 31	0.8
079 45035	HP 32	2.8
079 45036	HP 33	3.0
079 45037	HP 34	3.2
079 45038	HP 35	2.6
079 45039	HP 36	4.6
079 45040	HP 37	0.6
079 45041	HP 38	0.6
079 45042	HP 39	1.2

Note:
500 ppm = one lb per ton

SAMPLE NUMBER	FIELD NUMBER	U ppm
S79 45043	HP 40	1.2
S79 45044	HP 41	1.0
S79 45045	HP 42	1.7
S79 45046	HP 43	2.4
S79 45047	HP 44	1.2
S79 45048	HP 45	1.1
S79 45049	HP 46	1.2
S79 45050	HP 47	1.2
S79 45051	HP 48	2.2
S79 45052	HP 49	1.3
S79 45053	HP 50	0.7
S79 45054	HP 51	1.6
S79 45055	HP 52	1.7
S79 45056	HP 53	0.3
S79 45057	HP 54	1.6
S79 45058	HP 55	1.2
S79 45059	HP 56	1.0
S79 45060	HP 57	0.5
S79 45061	HP 58	2.0
S79 45062	HP 59	1.0
S79 45063	HP 60	1.4
S79 45064	HP 61	2.3
S79 45065	HP 62	1.5
S79 45066	HP 63	1.6
S79 45067	HP 64	3.6
S79 45068	HP 65	1.9
S79 45069	HP 66	1.0
S79 45070	HP 67	0.4
S79 45071	HP 68	1.7
S79 45072	HP 69	1.0
S79 45073	HP 70	1.3
S79 45074	HP 71	0.8
S79 45075	HP 72	2.1
S79 45076	HP 73	1.2
S79 45077	HP 74	2.0
S79 45078	HP 75	0.6
S79 45079	HP 76	0.9
S79 45080	HP 77	2.0
S79 45081	HP 78	1.0

REPORTING DATE 9 NOV 1979

SAMPLE NUMBER	FIELD NUMBER	U ppm
S79 45082	HP 79	21.6
S79 45083	HP 80	1.8
S79 45084	HP 81	4.8
S79 45085	HP 82	4.0
S79 45086	HP 83	3.7
S79 45087	HP 84	3.8
S79 45088	HP 85	3.0
S79 45089	HP 86	2.2
S79 45090	HP 87	1.9
S79 45091	HP 88	1.8
S79 45092	HP 89	2.7
S79 45093	HP 90	1.2
S79 45094	HP 91	1.6
S79 45095	HP 92	1.0
S79 45096	HP 93	1.2
S79 45097	HP 94	1.2
S79 45098	HP 95	1.2
S79 45099	HP 96	1.3
S79 45100	HP 97	1.2

Where analysis requested but no values shown, results are to follow

ANALYTICAL METHODS

U

HNO3/fluorimetric

MINE ENGINEERING JOB U79 — 0541R

REPORTING DATE 4 SEP 1979 PAGE 1

HIGH PACKETS

SAMPLE NUMBER	FIELD NUMBER	SiO2 %	Al2O3 %	Fe2O3 %	FeO %	TiO2 %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	MnO %	LOI %	TOTAL %
R79 08177	10369 FELDSPAR	64.82	18.84	0.27		0.02	0.04	0.26	2.96	12.07			0.38	99.66
R79 08178	10370 QUARTZ	99.28	0.60	0.59		0.04	0.02	0.07	0.02	0.02			0.06	100.70

FeO determined by acid digestion/volumetric; LOI determined gravimetrically.
Other elements by Li borate fusion/XRF. Where no FeO value shown, 'Fe2O3' is total Fe as Fe2O3.

Taken by P.J. Santos

MINE ENGINEERING — JOB U790541R

REPORTING DATE 31 JUL 1979 — PAGE 1

HIGH POCKET

SAMPLE NUMBER	FIELD NUMBER	U ppm	
R79 08179	10368	81.0	rock sample from small pit, feldspar w/ C-horizon soil taken by P.J. Santos

Where analysis requested but no values shown, results are to follow

ANALYTICAL METHODS

U

HNO3/fluorimetric

MINE ENGINEERING JOB U7905425

REPORTING DATE 31 JUL 1979 PAGE 1

HIGH POCKETS

SAMPLE NUMBER	FIELD NUMBER	U ppm	
S79 20055	# 10381	27.0	Soil Sample } taken by P.J. Santos from side of road
S79 20056	# 10382	1.0	Soil Sample } #10381 @ 4000 cps, #10382 @ 2000 cps

Where analysis requested but no values shown, results are to follow

ANALYTICAL METHODS

U

HNO3/fluorimetric

MINE ENGINEERING

JOB U790552W

REPORTING DATE 26 JUL 1979

WATER SAMPLES — Mt. Nelson HIGH POCKETS

SAMPLE NUMBER	FIELD NUMBER	U ppb	
W79 00206	# 10376	0.15	elev. 5500, above culvert, near top of Mt. Nelson
W79 00207	# 10377	0.56	elev. 4500, above culvert,
W79 00208	# 10378	0.80	elev. 4100, above culvert
W79 00209	# 10379	6.00	elev. 3300, small creek flowing across road through wooden culvert
W79 00210	# 10380	3.60	elev. 2300, almost dried up stream,

Where analysis requested but no values shown, results are to follow

taken by P. J. Santos

ANALYTICAL METHODS

U

HNO3/fluorimetric

5489000 M N.

5488000 M. N.

5487000M N.

4500

5000

5500

5000

4500

N.

ELEVATION CONTOUR

ROAD

•19 - SOIL SAMPLE NUMBER & LOCATION

METRES 0 100 200 300 400 500

SCALE = 1 : 5000

477 000M E.

478 000M E.

479 000M E.

HIGH POCKETS I SOIL SAMPLE LOCATION

DEC I 1979

DR. STEVE PHSZTY

REFER TO TOPOGRAPHIC MAP # 82F/11

D