86-1021-15509

MQ Report #149
Ref: RM3001

GEOLOGY AND GEOCHEMISTRY ON THE VALENTINE MOUNTAIN PROPERTY

Victoria Mining Division

N.T.S. 92B/~~6W~~ 12W

Latitude ~~48°29.5'N to 48°35.0'N~~ 48°30.6'
Longitude ~~123°48.0'W to 124°01.5'W~~ 123°54.5'

UTM 434500 E, 5374000N
(centre of property)

by

G.R. Peatfield, Ph.D., P.Eng.

of

MineQuest Exploration Associates Limited

for

Owner/Operator: Beau Pre Explorations Ltd.

Vancouver, B.C. March, 1987

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

LIST OF TABLES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Location, Access and Terrain

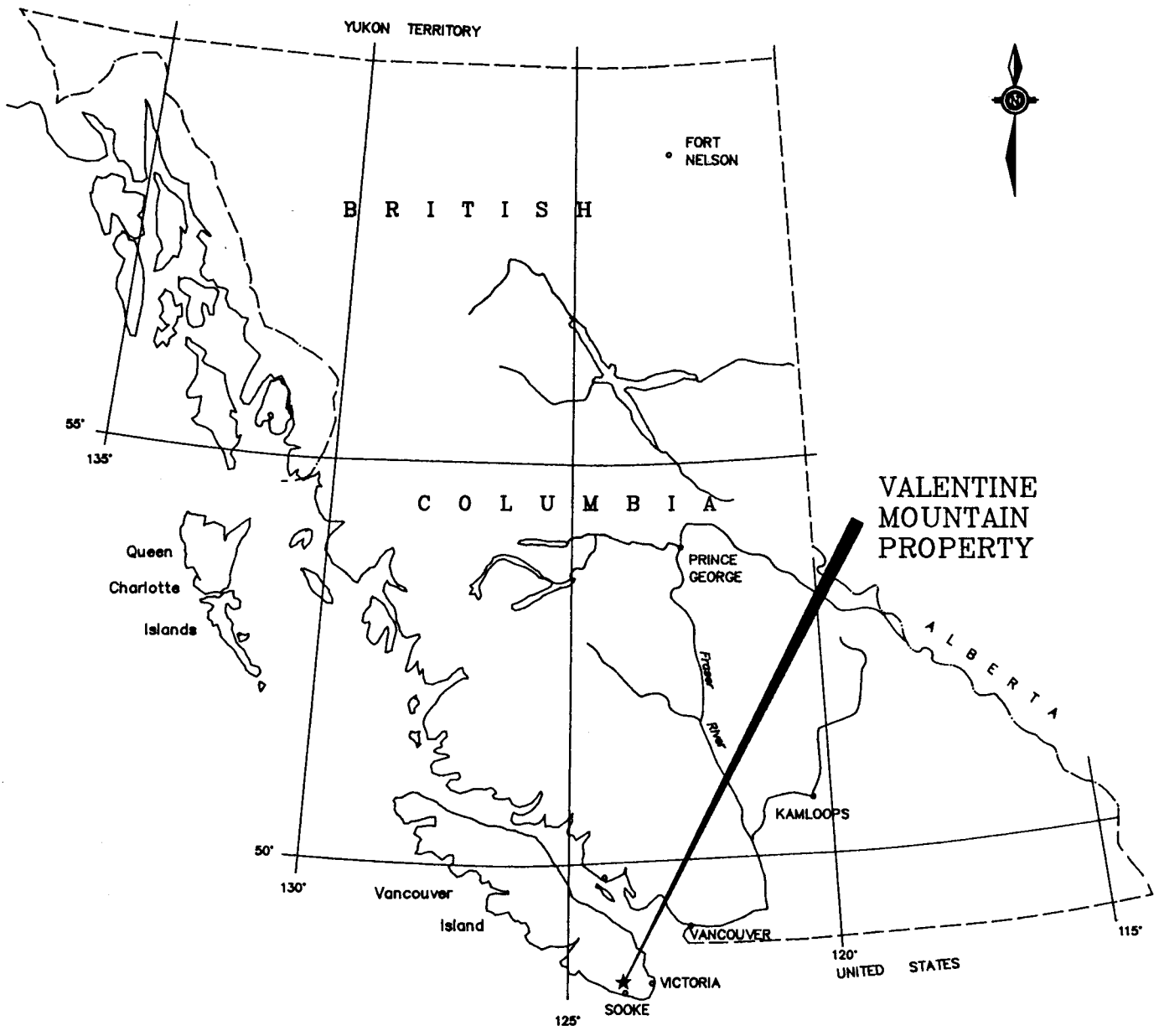
The Valentine Mountain property is located on and around Valentine Mountain, astride the Jordan River between Walker Creek and West Leech River, and immediately north and south of the Bear Creek and Diversion Reservoirs (see Figure 1). The property is centered at about 48°32'N, 123°54'W, in NTS 92B/12W. Access is by logging haulage roads from Sooke, a distance of about 30 km to the principal showings. Normal weekday travel restrictions apply on these roads. Active and recent logging has generated a network of roads providing ready access to most parts of the property.

The topography is moderately rugged, typical of southern Vancouver Island. Much of the property has been clear-cut logged, replacing mature coastal forest with a rapidly generating second growth.

1.2 Property Definition and History

The following is a very brief and somewhat abridged chronicle of events in the history of exploration of the Leech River area and more specifically of the area of Valentine Mountain.

The Leech River placer gold rush occurred some 10 km east of the property, near Leechtown at the junction of Leech and Sooke Rivers, during the period 1864-1866. A relatively small amount of placer gold was won in this rush, and the bedrock source was not discovered.



Scale 1:10,000,000

0 100 200 300 400 500 km

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

LOCATION MAP

DATE: FEB.'87	N.T.S.: 92B/5W,12W	FIGURE: 1

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/LOC 1987-02-09

In more recent times, gold was reportedly found during logging operations on Valentine Mountain during 1966, but was not found in place until 1976 when Robert Beaupre and Alec Low found the "A" vein on the upper east slope of the mountain. In the period 1976 to 1982, work consisted primarily of trenching, bulk sampling and soil geochemistry, and of property-wide mapping and geochemical programs.

In 1982 and 1983, work by Beau Pre Explorations Ltd. consisted of stripping and trenching on the "36" vein, and of diamond drilling of 13 holes aggregating 1671 metres. Additional property mapping was also done in this period.

In 1985, Falconbridge Limited acquired an option to earn an interest in the property, and late in the year completed a program of trenching and sampling on the "A" and "36" veins. They apparently did no regional or property-scale exploration. Following their takeover of Kidd Creek Mines Ltd. and the restructuring of their exploration division, Falconbridge relinquished their option early in 1986.

A much more comprehensive idea of the history of the property can be gained from the various reports listed in the Bibliography but not specifically cited in the text.

The present property holdings consist of a total of 34 claims (both MGS and 2-post) totalling 253 units. Allowing for overlaps, this block covers about 5,500 hectares. All claims are held by Beau Pre Explorations Ltd. The majority of the claims are due to expire at various dates in 1988; a lesser number had due dates in 1986 and 1987 (see next section), and have recently had work filed on them; this work is the subject of the present report.

1.3 Claim Status

The large Valentine Mountain property consists of the following claims:

Table 1 - Claim Data

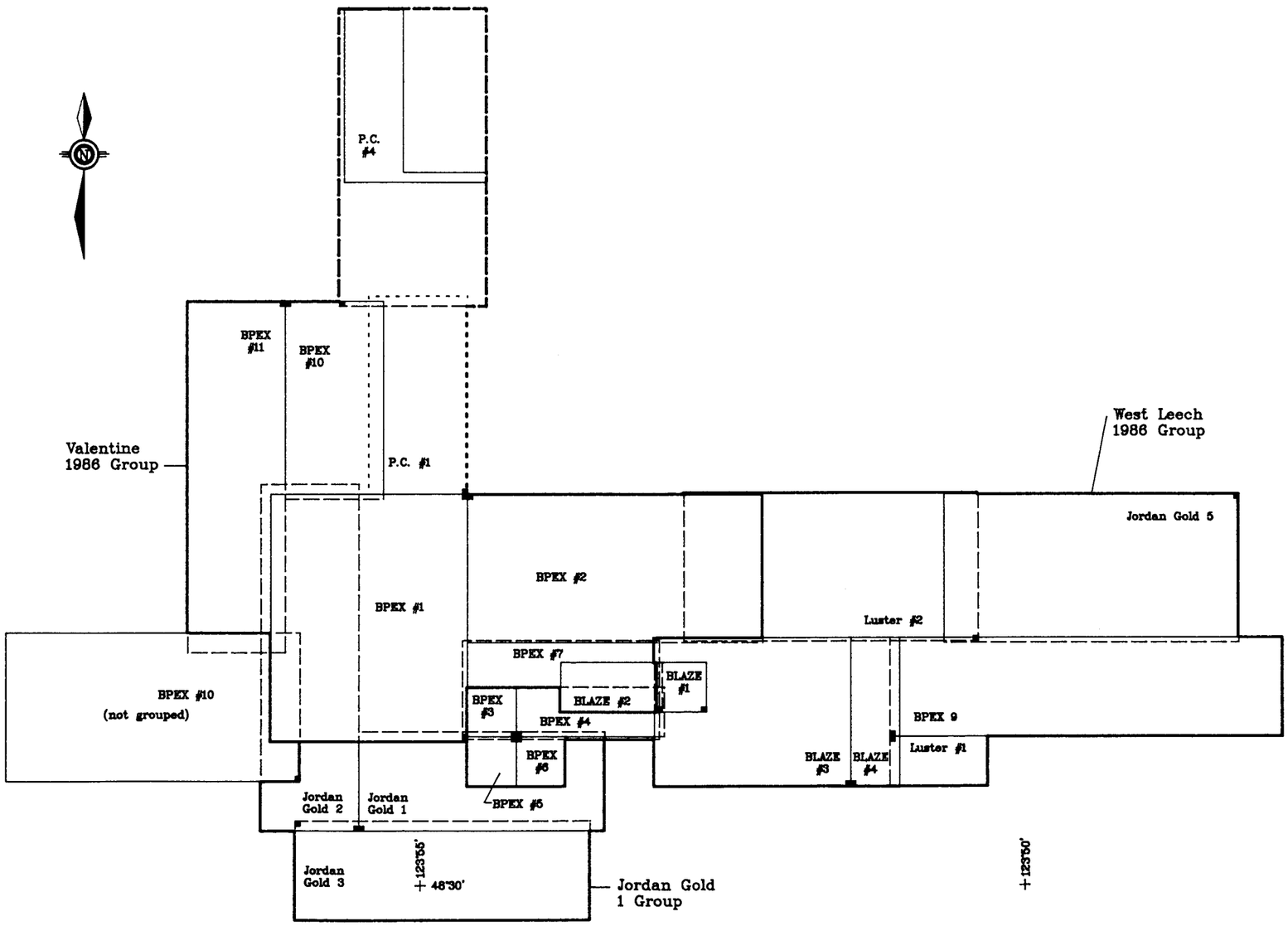
Claim Name	Record Number	# of Units	Record Date	Due Year**
BLAZE #1	47	1	21 Jun'76	1988
BLAZE #2	53	2	12 Jul'76	1988
Peg #1	77	1	22 Feb'77	1988
Peg #2	90	1	24 May'77	1988
Peg #3	91	1	24 May'77	1988
Peg #4	92	1	24 May'77	1988
BLAZE #3	124	12	3 Oct'77	1988
Peg #5	144	1*	20 Mar'78	1988
Peg #6	145	1*	20 Mar'78	1988
BO #1	188	1*	14 Sep'78	1988
BO #2	189	1*	18 Sep'78	1988
BO #3	190	1*	18 Sep'78	1988
BO #4	191	1*	18 Sep'78	1988
BLAZE #4	370	3	26 May'80	1988
BPEX #1	461	20	6 Feb'81	1988
BPEX #2	462	18	6 Feb'81	1988
BPEX #3	463	1	6 Feb'81	1988
BPEX #4	492	3	6 Mar'81	1988
BPEX #5	493	1	6 Mar'81	1988
BPEX #6	494	1	6 Mar'81	1988
BPEX #10	495	18	6 Mar'81	1988
BPEX #11	507	8	2 Apr'81	1988
BPEX #12	508	14	2 Apr'81	1988
BPEX #7	591	8	5 Oct'81	1988
BPEX 9	665	16	16 Sep'82	1988
BPEX 8	670	15	21 Sep'82	1988
Jordan Gold 1	731	10	24 Dec'82	1987
Jordan Gold 2	732	14	24 Dec'82	1987
Jordan Gold 3	733	14	24 Dec'82	1987
Jordan Gold 5	737	18	11 Jan'83	1988
Luster #2	742	18	19 Jan'83	1988
Luster #1	747	2	31 Jan'83	1988
P.C. #4	820	18	7 Apr'83	1987
P.C. #1	817	8	7 Apr'83	1988

*two-post claim
**due date after filing work referred to in this report

The work which is the subject of this report has been filed on three groups (the VALENTINE 1986, WEST LEECH 1986 and JORDAN GOLD 1 GROUPS) which make up the eastern and central portions of the property (see Figure 2. The remaining claims have been left ungrouped for the present, and a number of them are not shown on Figure 2.

1.4 Summary of Work Done - 1986

Work covered by this report included geological mapping, collection of 27 heavy mineral concentrate samples of wide distribution and with coincident silt samples, and collection of 97 soil (and 10 field duplicate soil) samples on three road traverses in the southern portion of the property. Note that a few of the soil samples were collected from outside the claim area, although they are from close by and may represent material derived from the claim area. All geochemical samples were analyzed for gold and a broad suite of other elements. Sample collection was on October 26-30 and November 18-20, 1986.



G. R. Peatfield
5 Mar. '87

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

Scale 1:50,000

0 1 2 3 4 Km

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

CLAIM MAP

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	FEB.'87	2
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/CLA50 1987-02-19

2.0 GEOLOGY

2.1 Regional Geology

The Valentine Mountain property lies within the Leech River complex of Fairchild and Cowan (1982). This complex is a fault-bounded block of metamorphosed pelitic, arenaceous and volcanic rocks of probable Late Jurassic to Cretaceous age. The complex lies north of the Leech River Fault Zone, south of which lie the Eocene oceanic tholeiitic volcanic and related intrusive rocks of the Metchosin Volcanics and Sooke Gabbros. To the north, across the San Juan Fault, are the various volcanic and sedimentary packages belonging to the Sicker, Karmutsen and Bonanza Groups, and their related intrusive rocks. To the east, across the Survey Mountain Fault, are the Paleozoic and Mesozoic rocks comprising the Colquitz gneisses and Wark diorite, and other meta-volcanic and related intrusive rocks.

The rocks of the Leech River complex have been metamorphosed to low-pressure greenschist and amphibolite assemblages, and display evidence of two regional deformational events. Present interpretations suggest that the complex is allocthonous, having been deposited and deformed elsewhere and "emplaced against Vancouver Island by left-lateral slip on the San Juan Fault after 39-41 Ma" (Fairchild and Cowan, 1982, p.1817).

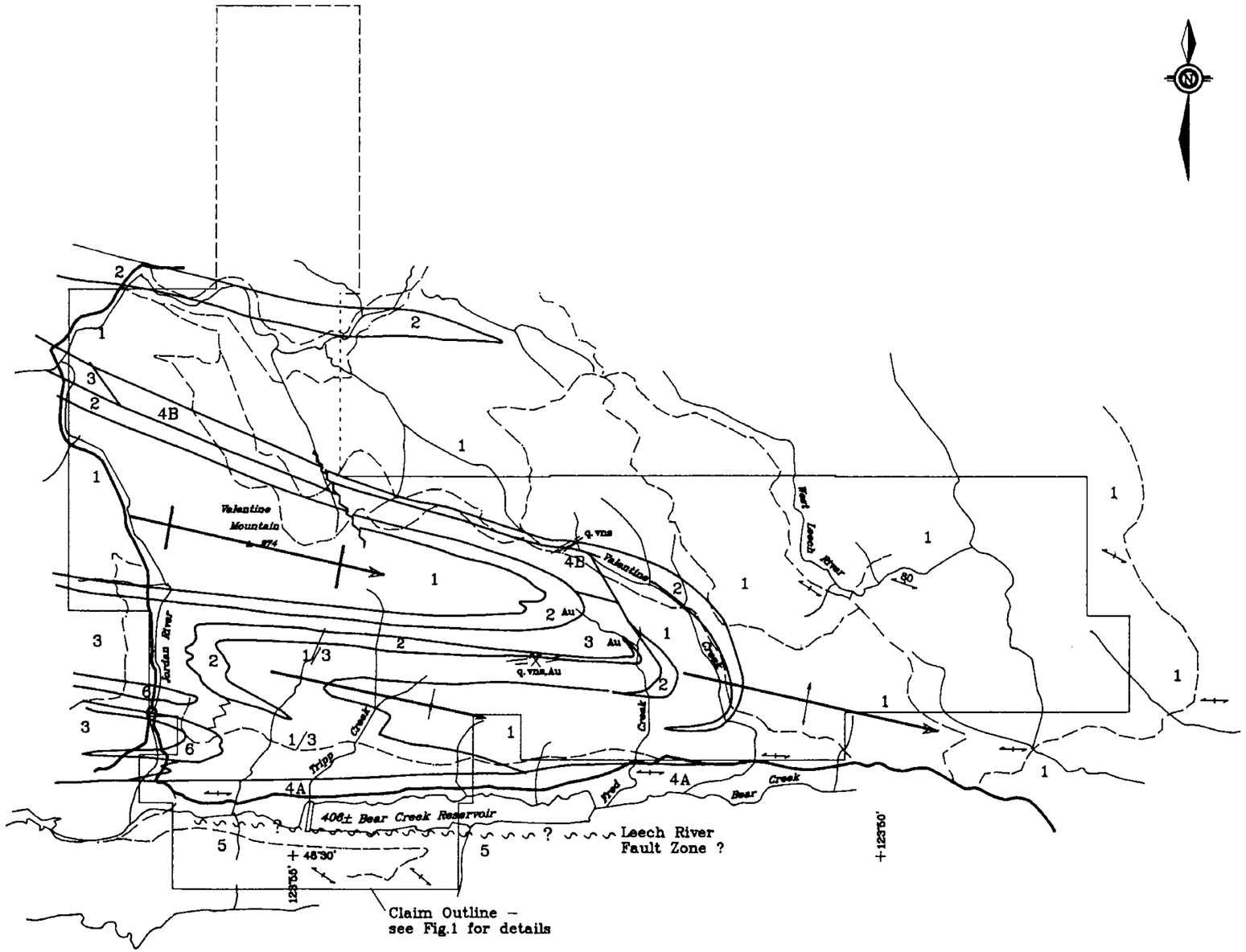
2.2 Claim Group Geology

The Valentine Mountain property is underlain by a refolded sequence of metasedimentary rocks with at least two volcanic units, now represented by amphibolite (see Figure 3). The dominant structural feature is a gently eastward-plunging anticlinal structure, flanked to the south and possibly to the north by subsidiary synclines. There is a possibility that the succession was cut by a pre-folding decollement, as suggested by the apparent repetition of the amphibolite units on the nose of the anticline.

The rocks are dominantly metasandstones and meta-pelites, the latter represented by various types of schist, ranging from biotite-chlorite through garnet-chlorite, andalusite-staurolite-biotite ± garnet to andalusite-staurolite-biotite-garnet depending on the metamorphic grade. The volcanic units are now represented by either chlorite-epidote (or zoisite)-actinolite-albite or hornblende-epidote-quartz-minor plagioclase amphibolites. These metavolcanics form continuous mappable units.

Locally, as along the Leech River Fault Zone and along a northwest-striking zone paralleling upper Valentine Creek (the "Valentine Shear"of Grove, 1984), these schists have been converted to phyllites, apparently by retrograde metamorphism.

Especially in the western portions of the property, the sedimentary rocks were intruded by complex granitic sills of intermediate composition, and by related pegmatite dikes and sills. Many of these sills have been folded along with their enclosing rocks.



LEGEND

6	Granitic Intrusive
5	Metchosin Volcanics
4B	Phyllite – Valentine Shear
4A	Phyllite – Leech R. Fault Zone
3	Schist
2	Amphibolite
1	Metasandstone

Roads (main, secondary)

Assumed geologic contacts

Schistosity or banding

Based on the work of Grove (1984) and the present study.

Scale 1:50,000

0 1 2 3 4 Km

G.R. Peatfield
5 Mar. '87

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

PROPERTY GEOLOGY

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	FEB.'87	3
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/PGEO 1987-03-03

The southernmost portion of the property, south of the Bear Creek reservoir, is underlain by the Eocene Metchosin volcanic rocks, mostly massive and pillowed basalts, now weakly epidotized but with only very sparse pyrite mineralization (see Figure 4). The Leech River Fault Zone is interpreted as lying essentially along the trace of the Bear Creek and Diversion Reservoirs.

2.3 Alteration and Mineralization

In several places on the property, narrow quartz veins cut both metasedimentary and metavolcanic rocks. These veins, which are generally narrow (2 cm to 50 cm), nearly vertical (+80°), and in the form of en echelon swarms, very locally carry pockets of spectacular coarse free gold. Such veins have been actively investigated only in the "A" and "36" trench areas. Here they seldom exceed 10 cm in thickness, and for parts of their length are apparently barren. However, they do contain "pockets" of extremely rich gold mineralization.

Sulphide minerals are rare, being limited to minor amounts of fine pyrite and sparse euhedral crystals of arsenopyrite to 5mm, most often located in the immediate wall rock of the veins.

BPEX #1

BPEX #7

BPEX #3 BPEX #4

BPEX #5 BPEX #6

BPEX #10

Tripp Creek

1

Jordan Gold 2

Jordan Gold 1

75°

Jordan Gold 3

406± Bear Creek Reservoir

Leech River Fault Zone ?

2

48°30'

123°55'

80°

G.R.Peatfield 5 Mar. '87

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA G. R. PEATFIELD

Scale 1:10,000

0 100 200 300 400 500

metres

LEGEND

2 Metchosin Volcanics – altered basaltic rocks

1 Leech River Schists – metapelitic rocks

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

GEOLOGY
Jordan Gold 1 Group

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	FEB.'87	4
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/GG1 27-02-1987

3.0 HEAVY MINERAL SAMPLING

3.1 Sampling Procedure

A total of 27 heavy mineral samples were collected for analysis. Locations are shown on Figure 5. All samples represent stream sediment material. At each sample site, transported sediments were wet-sieved to minus-20 mesh, and about 6 to 11 kilograms placed in a plastic bag for shipment. Sampling was by R. Gourlay, who is experienced at the technique. Note that in a very few cases the actual sample site is outside (downstream from) the claims, but was selected to represent a catchment basin upstream on the claim block.

3.2 Analytical Techniques

Samples for heavy mineral analysis were sent to C.F. Minerals Limited in Kelowna where they were sieved to separate to the minus-60 plus-150 mesh and minus-150 mesh fractions. These fractions were then separated by heavy liquids to produce two concentrates, with specific gravities of (approximately) +3.0 -3.2 and +3.2. These concentrates were further sorted into three (magnetic, non-magnetic, and para-magnetic) fraction. Weights of all fractions were recorded, and the number of sheelite grains in the heavy non-magnetic (HN) fraction, as observed by ultra-violet radiation, were recorded.

The coarse and fine HN fractions were both analyzed by Nuclear Activation Services Limited in Hamilton, Ontario, by instrumental neutron activation analysis, for a broad (26) suite of elements including gold.

3.3 Results and Interpretation

The analytical results for the heavy mineral samples are included in Appendix II; values for gold, arsenic and tungsten for each fraction are shown on Table 2, which is duplicated on Figure 5. Other elements show no sensible trends.

Table 2 also shows comparative data for Au, As and W for the two size fractions of the heavy non-magnetic portions of stream sediment samples, as compared with similar analytical data for the minus-80 mesh fraction of simple silt samples.

One can readily see that simple silt sampling without heavy liquid concentration is an inefficient tool in the search for gold mineralization, especially where the grain size of the gold is expected to be relatively coarse.

The interpretation of heavy mineral samples for gold is notoriously difficult. In this case, two approaches have been used. The first is simply to rank the samples by considering their gold content, since coarse native gold mineralization occurs on this property.

The second approach is to calculate, using the original sample weights and the weights of each fraction, the content of gold in the original minus-20 mesh fraction, assuming all gold is finer than 60 mesh (0.25 mm). The results of this calculation are given in Table 3. These numbers are probably best regarded as minimum values, given the sampling problems of gold in the coarser fractions, but they allow reasonable comparisons of different drainages.

The results derived from this second approach, and to a lesser extent the raw sample values, point out several areas of interest on the claim block.

TABLE 2

Comparative Data – Heavy Minerals vs Silts

Sample Number	Heavy non-magnetic (-60+150 mesh)				Heavy non-magnetic (-150 mesh)			Silt (-80 mesh)		
	Au	As	W	Visible scheelite	Au	As	W	Au	As	W
(BPV-)	(ppb)	(ppm)	(ppm)	(no. of grains)	(ppb)	(ppm)	(ppm)	(ppb)	(ppm)	(ppm)
101/201	4,000	45	170	-	2,000	14	57	5	7	1
102/202	<24	190	9,200	" abundant "	13,000	20	340	3	9	2
103/203	5,700	180	190	-	1,000	45	69	6	17	1
104/204	330,000	93	<22	-	27,000	11	51	15	14	1
105-205	18,000	570	530	±4	5,700	110	53	2	6	1
106/206	19,000	1,800	480	-	2,000	120	45	15	20	1
107/207	<22	59	80	-	310	11	19	10	8	1
108/208	31	28	24	-	1,900	9	<8	4	9	1
109/209	10,000	11	31	-	1,000	9	12	1	10	1
110/210	7,000	1,500	2,000	" several "	920	89	19	5	18	1
111/211	<13	25	12	-	16	11	<8	1	4	1
112/212	27,000	320	900	-	13,000	36	100	1	14	1
113/213	<25	24	<21	-	1,300	<5	68	3	8	1
114/214	100	240	150	-	24,000	250	72	1	12	1
115/215	31,000	55	110	-	16,000	<17	<31	10	14	1
116/216	<29	80	190	-	49,000	14	170	2	7	1
117/217	18,000	690	680	-	14,000	110	140	40	25	1
118/218	58	170	530	-	6,300	36	81	3	14	2
119/219	53,000	14	1,200	-	15,000	17	120	1	8	1
120/220	100,000	550	1,500	-	1,100	33	120	15	10	1
121/221	200,000	4,600	1,400	-	16,000	580	220	1	98	1
122/222	<53	390	150	-	10,000	55	28	1	27	1
123/223	<76	750	<49	-	4,000	110	<27	1	15	1
124/224	<33	1,100	1,500	-	<18	54	83	5	8	1
125/225	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
126/226	270,000	1,700	1,200	-	44,000	310	140	74	28	3
127/227	<28	<11	260	-	640	<18	40	1	14	2
128/228	600	120	56	-	830	54	29	1	8	1

TABLE 3

Calculated Gold Content - Original Minus-20 Mesh

Sample #	Original Weight (grams)	Heavy Non-Magnetic Fractions Weight in Grams -60+150	-150	Au in ppb -60+150	-150	Calculated Gold (ppb)*
BPV 101	7,700	2.45	2.15	4,000	2,000	1.83
102	6,300	0.92	1.43	<24	13,000	2.95
103	7,400	1.05	1.81	5,700	1,000	1.05
104	6,800	0.49	1.74	330,000	27,000	30.68
105	5,800	1.03	1.40	18,000	5,700	4.57
106	6,400	0.59	1.47	19,000	2,000	2.21
107	5,800	0.31	1.10	<22	310	0.06
108	5,600	1.25	1.54	31	1,900	0.53
109	7,400	2.94	2.08	10,000	1,000	4.25
110	9,800	5.86	1.21	7,000	920	4.30
111	10,100	6.11	0.36	<13	16	<0.01
112	6,900	0.49	0.78	27,000	13,000	3.39
113	7,300	3.86	1.13	<25	1,300	0.21
114	8,800	0.67	0.37	100	24,000	1.02
115	9,100	1.13	1.08	31,000	16,000	5.75
116	7,100	0.20	0.31	<29	49,000	2.14
117	8,400	1.16	0.85	18,000	14,000	3.90
118	8,200	0.98	0.88	58	6,300	0.68
119	7,500	0.58	0.62	53,000	15,000	5.34
120	8,000	0.33	0.58	100,000	1,100	4.20
121	7,300	0.62	0.43	200,000	16,000	17.92
122	7,500	0.45	0.53	<53	10,000	0.71
123	8,000	0.89	1.08	<76	4,000	0.55
124	6,700	0.25	0.64	<33	<18	<0.01
125	no sample	-	-	-	-	-
126	6,800	0.87	1.58	270,000	44,000	44.76
127	6,800	0.69	0.79	<28	640	0.08
128	11,100	4.21	3.70	600	830	0.50

* assumes that all gold is smaller than 60 mesh (0.25 mm)

The first is an area on the south face of Valentine Mountain, where several streams, including Tripp Creek, Fred Creek and Valentine Creek, are anomalous by most criteria. These streams drain ground traversed by a major structural zone which in at least one locality has demonstrated gold bearing quartz veins. The extension of this structure westward across the Jordan River projects very close to the location of highly anomalous sample number 126. The second major area lies to the north and east, and stretches from Valentine Creek (sample 121) eastward some 1.5 kilometres (sample 115) and perhaps beyond (samples 109, 110), in a zone which is crudely parallel to but offset from the major structure on Valentine Mountain. The third area of interest is defined by two samples (104, 116) draining the Metchosin volcanics south of the Bear Creek Reservoir. Sample 116 is anomalous only in the fine fraction, whereas 104 is anomalous in both fractions. It is not known whether the source of these last anomalies is in the bedrock Metchosin volcanics or represents tranported glacial material derived from Leech River Schists to the north.

4.0 SILT SAMPLING

4.1 Sampling Procedure

At each heavy mineral sampling site, a complementary silt sample was collected and placed in a numbered Kraft paper envelope. The material collected was selected as transported material, as fine as possible under the circumstances at each sample site. Sampling was also by R. Gourlay.

4.2 Analytical Techniques

Silt samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver, for preparation and analysis. Samples were dried, sieved to minus-80 mesh, and subjected to a 30-element ICP (inductively coupled argon plasma) analytical technique, after digestion for one hour at 95°C in 3:1:2 - $HCl:HNO_3:H_2O$. It is important to note that the ICP technique gives partial contents only for several of the elements reported. Gold analyses were by fire assay extraction followed by atomic absorption determination.

4.3 Results and Interpretation

The analytical results for the silt samples are included in Appendix II, and values for gold, arsenic and tungsten are shown on Table 2 which is duplicated on Figure 5. Other elements show no sensible trends, other than a very weak tendency to higher Cu and V in samples draining areas underlain by Metchosin volcanic rocks. This is based on only three samples draining Metchosin volcanic areas, and is probably not statistically significant. The very low values for gold and arsenic, even in samples from streams with reported placer gold and draining known mineralization, point out the problems inherent in using silt sampling to search for sources of particulate gold.

5.0 SOIL SAMPLING

5.1 Sampling Procedure

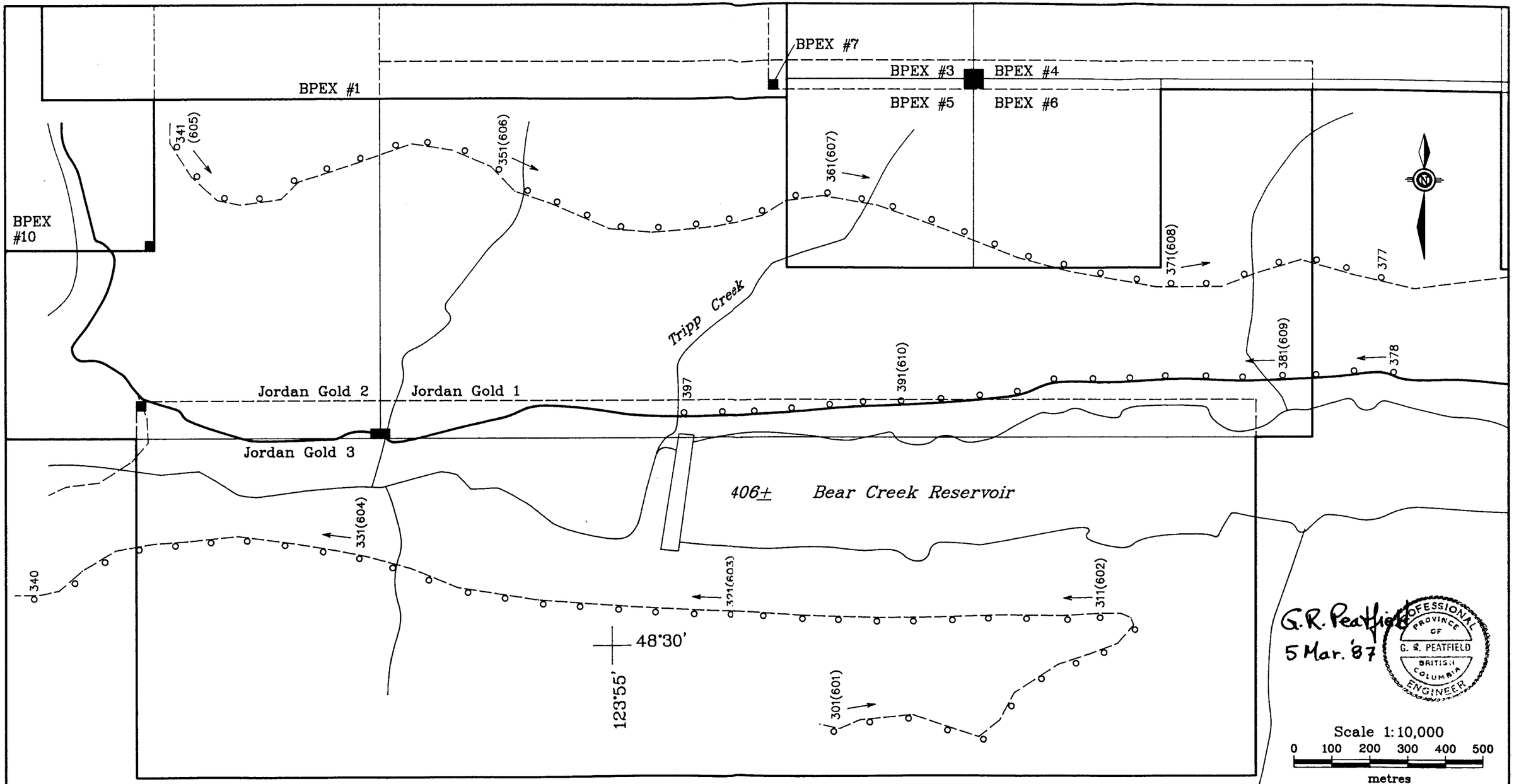
A total of 97 soil samples (and 10 field duplicate check samples) were collected on three road traverses as shown on Figure 6. Samples were collected, at nominal 100 metre spacing, from B-horizon material wherever possible, and placed in numbered Kraft paper envelopes. Sampling was also by R. Gourlay. At every tenth site, a second sample was collected as a check on the original.

5.2 Analytical Techniques

The soil samples were also shipped to Acme Analytical Laboratories, where they were treated in the same way as the silt samples.

5.3 Results and Interpretation

The results of the soil sampling program are shown (for Au and As) on Figures 7 & 8. No substantial anomalies are indicated, although several gold responses deserve confirmation and follow-up. The results of ten field duplicate samples show reasonable correspondence for most elements, suggesting that both sampling and analyses are valid. One exception to this rule is a single site where the original sample returned 400 ppb Au whereas a duplicate sample from the same site returned only 1 ppb. This strongly suggests that all single station gold anomalies should be check sampled. Interestingly, the more coherent and consistent gold soil anomalies occur south of the Bear Creek reservoir, in an area underlain by Eocene Metchosin volcanic rocks rather than the Leech River schists, which host the known mineralization on Valentine Mountain. Whether or not this is an artifact of sampling, of transported overburden, or of gold contents of underlying rocks remains to be demonstrated.



G.R. Peatfield
5 Mar. '87

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

Scale 1:10,000

0 100 200 300 400 500

metres

BEAU PRE EXPLORATIONS LTD.

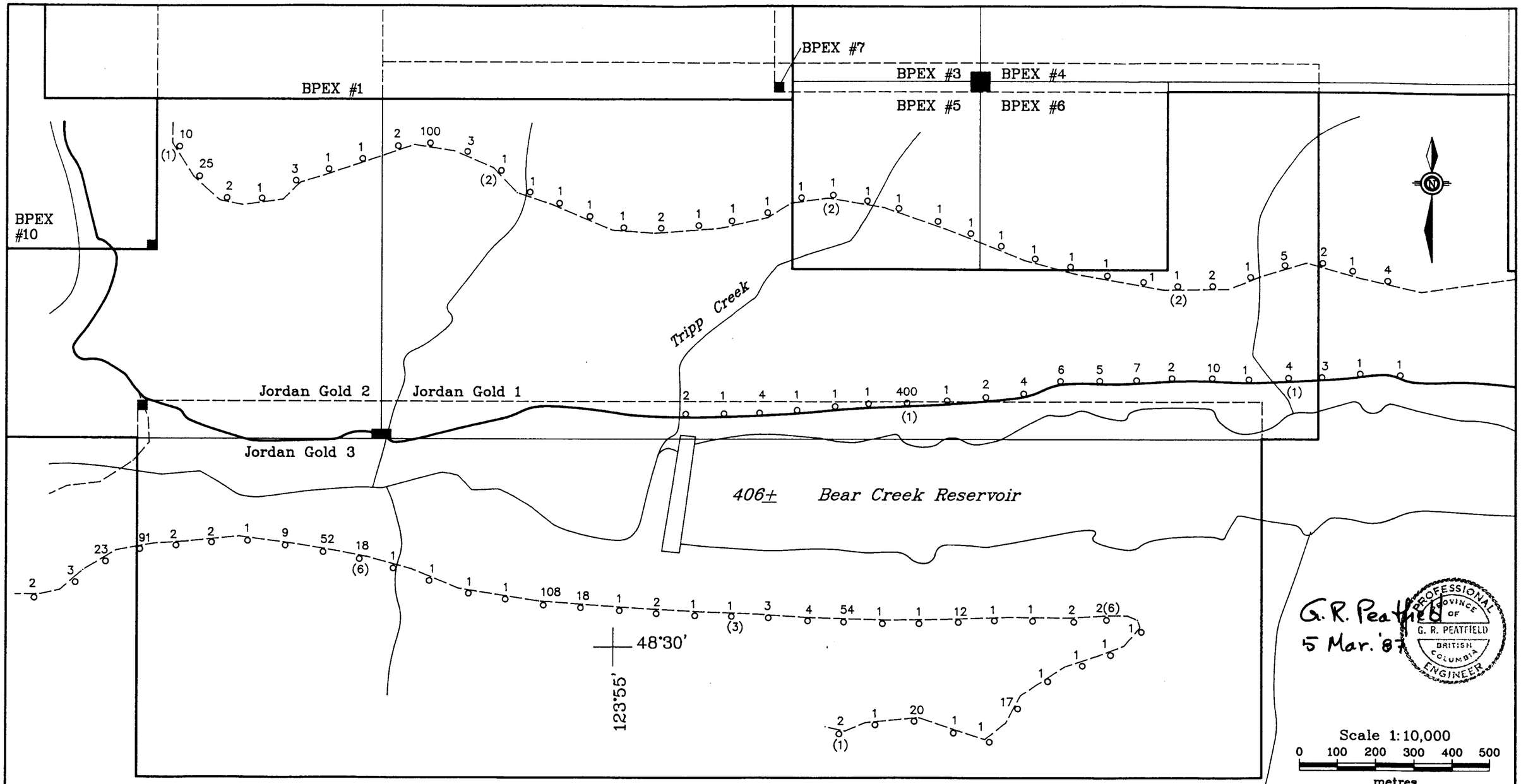
VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

SOIL SAMPLE LOCATIONS

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	FEB.'87	6
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/SSL 27-02-1987



G. R. Peatfield
5 Mar. '87

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

Scale 1:10,000
0 100 200 300 400 500
metres

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

SOIL SAMPLE RESULTS
Au in ppb

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO–COMP	FEB.'87	7
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo–Comp Drawing File: BPV/AU 27–02–1987

BPEX #1

BPEX #7

BPEX #3

BPEX #4

BPEX #5

BPEX #6

BPEX #10

Tripp Creek

Jordan Gold 2

Jordan Gold 1

Jordan Gold 3

406± Bear Creek Reservoir

48°30'

123°55'

N

G. R. Peatfield
5 Mar. '87

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

Scale 1:10,000

0 100 200 300 400 500

metres

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

SOIL SAMPLE RESULTS
As in ppm

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	FEB.'87	8
Originator: GRP		N.T.S. 92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/AS 27-02-1987

There does not seem to be a simple relationship between As and Au contents of the soil samples. Many samples with erratic high Au results returned very low As values, although there does seem to be a tendency for samples with higher As contents to have detectable amounts of Au.

The erratic nature of the gold analyses, coupled with the complexities of the glacial overburden, suggest that soil geochemistry, although it may be of considerable value, must be treated with extreme caution, and results interpreted carefully.

There appear to be subtle differences in the populations of the results for several metals obtained from soil samples overlying areas of Metchosin volcanics and Leech River Schists, whereas for other elements there appear to be no sensible differences. The following Table ... shows means and standard deviations for the two populations for a number of elements. Simple statistics were calculated after excluding outliers, i.e. those values which lay well outside the range of mean plus two standard deviations for the total sample set.

TABLE 4 - Simple Statistics - Soil Sample Results

	Metchosin Volcanics			Leech River Schists		
Metal	N.	mean	st.dev.	N.	mean	st.dev.
As	44	7.14	4.19	62	6.16	3.98
Co	43	10.51	6.55	61	7.66	4.21
Cu	42	39.88	20.04	63	28.10	13.96
Ni	43	23.65	10.90	61	23.77	11.54
Pb	44	8.07	4.88	63	10.25	5.29
V	41	88.10	19.26	61	77.46	21.12
Zn	43	56.91	17.56	61	56.12	19.28

From the figures we can infer that soils from areas underlain by Metchosin volcanics have slightly elevated values for Cu, V, and perhaps Co (vis a vis soils over Leech River schists), very slightly lower values for Pb, and are about the same for As, Ni and Zn. It is dangerous to read much into these data, as the soils sampled over Metchosin volcanics are dominantly tills, derived at least in part from areas of Leech River rocks.

6.0 GENERAL CONCLUSIONS

The Valentine Mountain property is known to host significant vein and shear related gold occurrences. The recently completed heavy mineral, silt and soil sampling programs suggest that other such areas of interest may well occur in Leech River Schists throughout the property. In addition, results from an area immediately south of the Bear Creek Reservoir, underlain by Eocene Metchosin volcanic rocks immediately south of the Leech River Fault Zone, show several gold anomalies which require followup. These anomalies may represent glacial transport, but this is not proven.

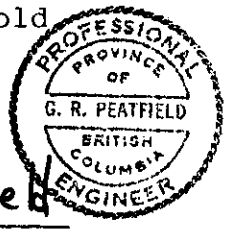
7.0 RECOMMENDATIONS

1) High soil sample responses for gold should be checked by resampling of the original site and by detailed sampling in the immediate area.

2) Anomalies outlined in the heavy mineral program should be followed up by detailed prospecting, geology and geochemistry where appropriate.

3) Silt sampling should not be relied on for gold geochemistry. Stream sediment sampling should employ the heavy mineral concentrate technique.

4) Some rock sampling should be undertaken in the Metchosin volcanics to ascertain whether these rocks have an elevated background of gold.



G.R. Peatfield

G.R. Peatfield, Ph.D., P.Eng.

8.0 BIBLIOGRAPHY

FAIRCHILD, L.H., 1979. The Leech River unit and Leech River fault, southern Vancouver Island, British Columbia. Unpublished M.S. thesis, University of Washington, Seattle, WA, 170 pp.

FAIRCHILD, L.H., and COWAN, D.S., 1982. Structure, petrology, and tectonic history of the Leech River complex northwest of Victoria, Vancouver Island. Canadian Journal of Earth Sciences, **19**, pp. 1817-1835.

FALCONBRIDGE LIMITED, 1985 & 1986. Various internal memoranda, progress reports and letters, with abundant assay data.

GROVE, E.W., 1982a. Geological report and work proposal on the Valentine Mountain property for Beau Pre Explorations Ltd., N.T.S. 92B/12W, Victoria M.D. Unpublished report, 74 pp. and Appendices.

GROVE, E.W., 1982b. Beau Pre Explorations Ltd., BLAZE and BPEX Claims, Victoria Mining Division, Lat. 48°31' Long. 123°53', N.T.S. 92B/1W (sic). Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources, Victoria, 23 pp. and Appendices.

GROVE, E.W., 1984. Geological report and work proposal on the Valentine Mountain property for Beau Pre Explorations Ltd., N.T.S. 92B/12W, Victoria M.D. Unpublished report, 48 pp. and Appendices.

LISLE, T.E., 1980a. Report on BLAZE 1 to 3 Mineral Claims, Victoria Mining Division, Lat. 48°31', Long. 123°53', N.T.S. 92B/1W (sic), for Beau Pre Explorations Ltd. Unpublished report, 9 pp. and Appendices.

LISLE, T.E., 1980b. Report on BLAZE 1 to 3 Mineral Claims, Victoria Mining Division, Lat. 48°31', Long. 123°53', N.T.S. 92N/1W (sic), for Beau Pre Explorations Ltd. Unpublished report, 10 pp. and Appendices.

NOEL, G.A., 1980. Report of 1980 fieldwork on the BLAZE 1-4 Mineral Claims, Sooke Area, B.C., Victoria Mining Division, for Beau Pre Explorations Ltd. Unpublished report, 20 pp. and Appendix.

PEATFIELD, G.R. 1986. Data review and program recommendations for the Valentine Mountain gold property. Unpublished report for Beau Pre Explorations Ltd. MineQuest Report #118, 23 pp & maps.

PEZZOT, E.T. and WHITE, G.E., 1984. Beau Pre Explorations Ltd. Geophysical Report on an airborne VLF-electromagnetic and magnetometry survey, Valentine Mountain project, Victoria M.D., Lat. 48°32'N, Long. 123°55'W, N.T.S. 92N/12W. Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources, Victoria, 23 pp.

READ, P.B., 1986. Valentine Mountain property, Victoria Mining Division (92B/12W): Alteration and ore mineralogy of DDH #6, 612' to 677'. Unpublished report, 10 pp.

WINGERT, G.A., 1984. Structure and metamorphism of the Valentine Mountain area, southwestern Vancouver Island, British Columbia. Unpublished B.Sc. (Hons) thesis, University of British Columbia , Vancouver, B.C. 43 pp. and Appendices.

APPENDIX I

Sample Site Descriptions - Heavy Mineral and Silt Samples

APPENDIX I

Sample Site Descriptions - Heavy Mineral and Silt Samples

Sample Nbr*	Description
BVP 101/201	Well washed sandy gravel. Sediment clasts include a mixture of metasedimentary types, with some quartz-white mica boulders to 50 cm. Large creek.
BPV 102/202	Well washed sandy gravel. Clasts represent a broad spectrum of metasedimentary types including some amphibolite. Large creek (Tripp Creek).
BPV 103/203	Well washed sandy gravel. Clasts represent diverse metasedimentary rock types with some amphilobilite. Large creek ("Fred" Creek).
BPV 104/204	Poor sample of fine material probably derived from till. Till is clay-rich blue-green, and contains fragments of Leech River schist and vein quartz. Sample highly organic. Small ephemeral stream.
BPV 105/205	Relatively fine well washed gravel, mixed metasedimentary clasts. Good sample from small creek.
BVP 106/206	Well washed gravel. Clasts are mixed metasedimentary types and some amphibolite, abundant free quartz. Large creek (Valentine Creek).
BPV 107/207	Well washed fine gravel and sand. Most clasts are metasedimentary, amphibolite is rare. Small creek.

* Sample numbers 100 series = H.M., 200 series = silts. For locations see Figure 5.

Sample Nbr*	Description
BPV 108/208	Coarse well washed gravel with very little fines. Most clasts are metasedimentary, quartz pepples are common. Small creek tributary to West Leech River.
BPV 109/209	Well washed fine gravel and sand. Most clasts are metasedimentary. Very small creek.
BPV 110/210	Fine gravel and sand from pot-holes and crevices in bedrocks. Most clasts are metasedimentary. Large stream (West Leech River).
BPV 111/211	Well washed very fine gravel and sand, probably derived from till. Clasts are dominantly Metchosin volcanics but include some Leech River schists, vein quartz. Moderate stream (head of Alligator Creek).
BPV 112/212	Well washed gravel, fairly sparse fines. Clasts of mixed Leech River schist lithologies. Very small stream.
BVP 113/213	Well washed fine gravel and sand from abundant bedrock surface. Clasts are mixed metasedimentary types. Small stream tributary to West Leech River.
BPV 114/214	Well washed coarse gravel with some sand and silt. Clasts are mixed Leech River schist lithologies, vein quartz and some exotics, but no amphibolite was noted. Large stream (West Leech River).
BPV 115/215	Fine grained sand, silt and clay with abundant organic material. Very small stream tributary to West Leech River.
BPV 116/216	Well washed gravel with some organic material. Mixed lithologies. Small stream flowing into Bear Creek Reservoir from south.

Sample Nbr*	Description
BPV 117/217	Well washed gravel and sand. Mixed lithologies. Check sample. Just upstream from 103/203 on "Fred" Creek.
BPV 118/218	Well washed coarse gravel and sand. Mixed lithologies. Moderate sized creek (near head of "Fred" Creek).
BPV 119/219	Poorly washed gravel and abundant bank slough. Mixed lithologies. Upstream from 101/201 on moderate sized stream.
BPV 120/220	Well washed gravel and sand. Mixed lithologies. Upstream from 101/202 on good sized stream (Tripp Creek).
BPV 121/221	Washed gravel and sand with sparse fines, some organics. Mixed lithologies. Small stream tributary to Valentine Creek.
BPV 122/222	Well washed sand with some gravel. Mixed lithologies. Good sized stream (Valentine Creek).
BPV 123/223	Well washed sand and gravel from "high-water" bar. Mixed lithologies. Moderate sized stream tributary to Jordan River.
BPV 124/224	Well washed coarse gravel, only sparse fines and no organics. Mixed lithologies. Good sized stream draining north slope Valentine Mountain.
BPV 125/225	No sample.
BPV 126/226	Washed sands and gravels on bedrock sufrace. Mixed lithologies. Good sized creek tributary to Jordan River from the west.

Sample Nbr*	Description
BPV 127/227	Washed gravel and sand. Mixed lithologies. Small stream on north side of Valentine Mountain.
BPV 128/228	Sand and silt, high proportion of bank slough. Mixed lithologies. Quartz veins in bedrock. Small stream, near head of Valentine Creek.

APPENDIX II

Analytical Data

COPY 2
received
NOV 7 '86

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SILTS -80MESH AU## ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 31 1986 DATE REPORT MAILED: NOV 6/86 ASSAYER..D. Toye..DEAN TOYE. CERTIFIED B.C. ASSAYER.

MINEQUEST EXPLORATION PROJECT-BPV FILE # 86-3498 PAGE 1

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
BPV 201	1	39	10	85	.1	46	19	467	3.57	7	5	ND	2	13	1	2	2	85	.24	.075	7	69	1.10	172	.20	7	2.74	.02	.49	1	5
BPV 202	1	49	10	90	.1	44	19	486	3.87	9	5	ND	3	14	1	2	2	91	.23	.066	7	68	1.18	199	.20	4	2.51	.02	.53	2	3
BPV 203	1	45	4	77	.1	40	16	410	3.42	17	5	ND	2	12	1	2	2	79	.22	.046	8	55	1.03	130	.20	4	2.39	.02	.29	1	6
BPV 204	1	32	10	68	.1	31	11	399	3.34	14	5	ND	1	10	1	2	2	81	.20	.049	6	55	.68	61	.13	3	2.41	.01	.10	1	15
BPV 205	1	32	6	90	.1	32	15	536	3.62	6	5	ND	2	16	1	3	2	89	.19	.055	7	63	1.14	231	.22	5	2.72	.02	.53	1	2
BPV 206	1	41	5	85	.1	35	15	429	3.39	20	5	ND	2	15	1	2	2	77	.26	.049	8	62	1.16	124	.21	2	2.38	.02	.32	1	15
BPV 207	1	38	11	76	.1	31	16	492	3.34	8	5	ND	2	15	1	2	2	73	.29	.047	3	52	1.05	71	.19	3	2.32	.01	.14	1	10
BPV 208	1	28	9	104	.1	28	33	1534	4.00	9	5	ND	2	21	1	2	2	81	.22	.054	6	48	.86	114	.15	2	2.95	.01	.16	1	4
BPV 209	1	27	5	85	.1	35	20	567	3.01	10	5	ND	2	16	1	2	2	61	.20	.033	9	44	.88	99	.16	2	2.36	.01	.17	1	1
BPV 210	1	32	9	75	.1	27	17	582	3.10	18	5	ND	2	15	1	2	2	58	.19	.044	8	43	.88	79	.14	3	2.14	.01	.16	1	5
BPV 211	1	76	6	80	.1	38	34	1757	4.25	4	5	ND	1	20	1	2	2	100	.50	.048	6	65	1.24	47	.33	2	2.52	.01	.08	1	1
BPV 212	1	37	12	99	.1	40	16	483	3.86	14	5	ND	3	22	1	2	2	92	.19	.064	9	67	1.21	239	.19	5	3.09	.02	.54	1	1
BPV 213	1	31	10	93	.1	29	31	1525	3.62	8	5	ND	2	18	1	2	2	75	.18	.045	10	50	.86	113	.16	3	3.00	.01	.19	1	3
BPV 214	1	33	9	90	.1	28	18	702	3.38	12	5	ND	3	21	1	3	2	69	.23	.054	9	48	1.03	109	.17	6	2.36	.01	.24	1	1
BPV 215	1	17	12	61	.1	19	10	268	2.09	14	5	ND	1	13	1	2	2	54	.15	.050	11	37	.74	81	.13	3	2.18	.01	.17	1	10
BPV 216	1	121	12	187	.1	74	36	1200	4.99	7	5	ND	1	25	1	2	2	112	.69	.077	5	74	1.90	48	.41	3	3.75	.02	.07	1	2
BPV 217	1	29	11	75	.1	32	12	401	3.36	25	5	ND	1	11	1	2	2	78	.15	.046	9	54	1.02	158	.19	6	2.46	.01	.37	1	40
BPV 218	1	41	9	74	.1	36	13	416	3.68	14	5	ND	2	11	1	2	2	88	.17	.037	7	61	.90	103	.18	4	2.75	.02	.26	2	3
BPV 219	1	31	7	125	.1	53	70	2594	3.79	8	5	ND	1	32	1	2	2	73	.49	.100	8	65	1.21	142	.19	3	3.23	.03	.31	1	1
BPV 220	1	35	15	81	.2	38	20	621	3.25	10	5	ND	2	16	1	2	2	82	.20	.062	7	56	.92	165	.18	2	2.56	.02	.34	1	15
BPV 221	1	36	7	95	.1	30	19	591	3.47	98	5	ND	2	13	1	2	2	75	.14	.039	7	53	.93	112	.17	4	2.65	.01	.26	1	1
BPV 222	1	44	15	107	.1	43	21	717	4.19	27	5	ND	3	18	1	2	2	89	.19	.062	8	70	1.34	176	.22	5	3.41	.02	.39	1	1
BPV 223	1	25	3	70	.1	28	12	441	3.07	15	5	ND	2	15	1	2	4	74	.17	.047	7	46	.98	170	.22	4	2.21	.02	.47	1	1
BPV 224	1	29	3	118	.1	35	16	668	3.74	8	5	ND	2	86	1	2	2	88	.31	.070	6	53	1.18	200	.20	5	2.44	.03	.48	1	5
STD C/AU-S	22	57	40	139	6.8	72	31	1059	3.96	40	18	8	32	48	19	15	22	65	.47	.112	38	61	.88	177	.08	34	1.72	.07	.13	13	49

Copy 2. CAN

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SILT/SOIL P2-3 SOIL -80MESH- AU## ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 21 1986 DATE REPORT MAILED: Nov 28/86 ASSAYER.. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

MINEQUEST EXPLORATION PROJECT - BPV FILE # 86-3788 PAGE 1

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
BPV 226	1	33	2	46	.1	25	10	276	2.49	28	5	ND	5	13	1	2	2	53	.19	.043	4	43	.81	118	.15	4	1.78	.02	.31	3	74
BPV 227	1	25	3	69	.1	30	12	453	3.06	14	5	ND	3	11	1	2	2	63	.16	.036	4	49	.86	104	.15	6	2.54	.01	.19	2	1
BPV 228	1	36	2	71	.1	25	12	374	3.11	8	5	ND	4	12	1	2	2	61	.15	.036	7	43	.99	136	.17	9	2.16	.01	.30	1	1
BPV 301	1	112	10	79	.2	38	19	435	4.40	7	5	ND	3	13	1	2	2	100	.36	.082	2	55	1.04	34	.39	7	3.77	.02	.05	1	2
BPV 302	1	16	7	29	.1	16	7	223	2.96	6	5	ND	1	27	1	3	2	100	.55	.052	2	40	.41	13	.48	7	1.07	.01	.02	1	1
BPV 303	1	22	7	31	.1	11	6	280	2.73	2	5	ND	2	19	1	2	4	81	.40	.033	2	32	.53	11	.32	7	1.15	.01	.03	1	20
BPV 304	1	19	4	33	.1	11	5	141	3.23	3	5	ND	2	9	1	2	2	85	.15	.040	2	29	.39	15	.20	5	1.84	.01	.03	1	1
BPV 305	1	34	2	52	.1	20	8	212	3.88	5	5	ND	3	12	1	2	2	84	.17	.042	3	46	.66	25	.22	5	3.87	.01	.03	1	1
BPV 306	1	36	19	70	.4	18	8	726	1.15	4	10	ND	1	18	1	3	2	22	.69	.071	2	25	.63	32	.09	4	.72	.02	.06	1	17
BPV 307	1	29	4	31	.1	12	6	139	3.60	4	7	ND	2	13	1	2	2	93	.25	.030	2	35	.47	13	.32	5	1.88	.01	.02	1	1
BPV 308	1	4	7	12	.1	2	2	128	1.63	2	5	ND	1	20	1	2	2	80	.42	.018	2	14	.10	7	.29	6	.50	.01	.02	1	1
BPV 309	1	45	3	48	.2	17	9	195	3.66	6	6	ND	3	11	1	2	2	85	.21	.060	2	44	.63	18	.37	6	3.32	.01	.04	2	1
BPV 310	1	40	8	63	.3	20	10	257	4.37	3	5	ND	5	11	1	2	2	109	.22	.077	3	53	.93	42	.38	3	2.75	.01	.09	1	1
BPV 311	1	41	9	41	.2	11	7	155	3.74	5	8	ND	4	14	1	2	2	84	.25	.064	2	35	.46	17	.26	3	2.36	.01	.04	2	2
BPV 312	1	58	9	89	.1	25	39	1882	2.81	3	5	ND	1	13	1	2	2	66	.45	.039	3	35	.70	39	.18	8	2.26	.01	.04	1	2
BPV 313	1	36	2	51	.2	15	8	170	4.11	7	5	ND	2	8	1	2	2	91	.14	.050	2	42	.54	24	.22	2	2.89	.01	.04	2	1
BPV 314	1	69	6	74	.1	27	14	218	7.58	3	5	ND	2	10	1	2	2	153	.17	.083	4	75	.71	31	.52	4	4.00	.01	.04	1	1
BPV 315	1	43	7	60	.1	28	14	359	3.79	9	5	ND	2	13	1	2	2	75	.29	.041	2	46	.94	50	.23	3	2.14	.01	.09	1	12
BPV 316	1	40	3	41	.1	18	8	191	3.72	8	7	ND	1	9	1	2	2	81	.19	.054	2	47	.55	26	.22	4	2.79	.01	.04	1	1
BPV 317	1	67	4	62	.2	42	18	339	4.11	11	5	ND	3	15	1	2	2	81	.35	.049	3	57	1.41	37	.29	5	2.98	.01	.07	1	1
BPV 318	1	44	6	46	.1	17	12	257	6.48	7	7	ND	2	11	1	2	2	148	.22	.050	2	56	.57	23	.42	7	2.83	.01	.03	2	53
BPV 319	1	57	4	71	.1	29	22	498	4.73	7	5	ND	2	19	1	2	3	109	.52	.044	2	58	.77	32	.44	3	2.43	.02	.03	1	4
BPV 320	1	94	2	64	.1	48	20	341	4.45	13	5	ND	1	12	1	2	2	84	.30	.081	3	71	1.55	26	.37	7	4.67	.01	.06	1	3
BPV 321	1	22	7	36	.2	14	7	156	3.79	9	5	ND	2	8	1	2	2	96	.18	.054	2	42	.38	18	.26	4	2.34	.01	.03	2	1
BPV 322	1	65	3	72	.1	39	14	285	4.10	6	5	ND	1	8	1	2	3	94	.19	.044	2	51	1.02	43	.33	11	2.75	.01	.07	1	1
BPV 323	1	42	2	56	.1	28	9	234	3.02	10	5	ND	3	7	1	2	2	61	.13	.031	3	44	.79	46	.16	2	2.67	.01	.09	1	2
BPV 324	1	91	9	80	.1	62	21	367	4.80	11	5	ND	3	15	1	2	2	99	.27	.051	3	74	1.41	50	.43	8	4.19	.01	.09	1	1
BPV 325	1	18	7	49	.1	18	6	154	3.43	13	8	ND	2	5	1	2	3	67	.08	.042	4	50	.51	31	.12	3	3.35	.01	.04	3	18
BPV 326	1	27	8	56	.1	22	10	244	4.28	4	5	ND	2	7	1	2	2	106	.10	.038	3	50	.72	32	.19	7	2.47	.01	.04	1	108
BPV 327	1	65	8	53	.2	24	13	213	5.10	4	5	ND	2	11	1	2	3	156	.20	.082	2	51	.50	22	.47	6	2.43	.01	.03	1	1
BPV 328	1	69	3	75	.1	37	15	359	5.30	3	5	ND	2	8	1	2	2	96	.13	.090	2	71	1.06	30	.31	8	4.91	.01	.05	1	1
BPV 329	1	66	2	47	.2	21	12	264	5.58	3	5	ND	2	13	1	2	3	152	.22	.096	2	54	.75	19	.61	6	2.58	.01	.03	1	1
BPV 330	1	31	4	52	.1	28	9	202	4.08	7	5	ND	2	7	1	2	2	85	.11	.039	3	55	.54	40	.15	10	2.86	.01	.06	1	1
BPV 331	1	34	9	56	.1	18	8	183	3.96	13	5	ND	3	5	1	2	2	81	.09	.042	3	66	.61	39	.17	3	3.52	.01	.08	1	18
BPV 332	1	33	4	64	.3	29	10	255	3.67	15	8	ND	3	7	1	2	2	78	.15	.044	4	49	.68	63	.17	4	2.98	.01	.14	1	52
BPV 333	1	44	9	80	.1	42	11	269	4.03	16	7	ND	5	6	1	2	2	80	.12	.032	4	66	.93	68	.18	6	4.05	.02	.14	2	9
STD C/AU-S	20	59	41	132	6.7	67	30	932	3.91	36	16	7	30	44	16	15	20	57	.48	.096	33	56	.88	164	.07	35	1.71	.06	.12	13	53

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
BPV 334	1	28	15	64	.8	12	6	122	6.55	12	5	ND	4	10	1	21	2	80	.14	.078	2	72	.31	26	.20	5	5.30	.01	.05	1	1
BPV 335	1	43	15	67	.2	33	10	243	4.28	14	5	ND	2	7	1	2	2	83	.13	.056	5	57	.80	65	.19	6	2.69	.01	.15	1	2
BPV 336	1	27	19	99	.1	29	10	215	4.60	15	5	ND	3	8	1	2	2	88	.16	.046	4	56	.72	61	.20	7	2.90	.01	.09	1	2
BPV 337	1	24	15	45	.5	10	5	121	3.60	7	5	ND	3	4	1	2	2	77	.09	.055	2	55	.32	23	.14	3	2.82	.01	.04	1	91
BPV 338	2	21	9	47	.1	15	6	169	3.57	6	5	ND	1	4	1	2	2	80	.08	.047	4	44	.43	30	.16	2	2.31	.01	.05	1	22
BPV 339	2	30	15	72	.1	28	11	248	4.78	6	5	ND	2	6	1	2	2	92	.10	.066	4	58	.79	58	.20	2	3.17	.01	.13	1	3
BPV 340	2	29	11	62	.1	26	7	212	4.87	10	5	ND	2	5	1	2	2	92	.11	.047	4	57	.69	55	.22	7	3.00	.01	.10	1	2
BPV 341	3	33	18	102	.1	23	9	189	6.86	5	5	ND	3	6	1	2	2	82	.05	.081	2	52	.69	55	.37	2	3.48	.01	.33	1	10
BPV 342	1	18	3	34	.1	14	6	138	2.06	2	5	ND	1	7	1	2	2	45	.10	.079	2	29	.41	45	.13	3	1.57	.01	.10	1	25
BPV 343	1	29	8	39	.1	14	5	153	1.84	2	5	ND	3	5	1	2	2	38	.08	.015	5	29	.53	53	.13	5	1.72	.01	.16	1	2
BPV 344	1	4	4	16	.3	9	3	78	1.83	2	5	ND	1	8	1	2	2	59	.22	.007	2	22	.18	13	.34	3	.61	.01	.03	1	1
BPV 345	1	21	17	56	.2	13	6	125	4.06	15	5	ND	4	4	1	2	2	81	.07	.085	2	54	.49	45	.26	2	3.57	.01	.11	1	3
BPV 346	2	25	10	43	.1	13	4	145	3.17	8	5	ND	2	3	1	2	2	67	.06	.052	3	45	.54	52	.21	2	3.27	.01	.12	1	1
BPV 347	1	14	8	29	.3	9	4	202	1.85	4	5	ND	1	3	1	2	2	46	.06	.038	4	27	.34	37	.15	4	1.71	.01	.08	1	1
BPV 348	1	28	8	63	.1	30	10	243	2.70	2	5	ND	2	8	1	2	2	58	.11	.032	4	49	.86	128	.18	5	2.58	.02	.27	1	2
BPV 349	1	29	15	75	.3	40	15	241	3.84	3	5	ND	4	8	1	2	2	83	.13	.046	5	69	.88	69	.26	7	2.81	.02	.16	1	100
BPV 350	1	26	5	73	.3	41	19	319	3.42	2	5	ND	1	15	1	2	2	61	.20	.087	4	68	.78	73	.18	4	2.28	.02	.15	1	3
BPV 351	1	20	9	97	.1	48	28	310	4.28	2	5	ND	1	24	1	2	2	78	.33	.049	2	59	1.02	91	.27	11	2.21	.03	.21	1	1
BPV 352	1	36	9	62	.1	34	10	152	3.57	2	5	ND	1	9	1	2	2	79	.16	.086	2	69	.73	65	.24	9	2.24	.02	.25	1	1
BPV 353	1	29	16	61	.4	24	7	160	4.03	2	5	ND	2	4	1	2	2	101	.07	.049	5	59	.72	76	.22	8	2.95	.01	.19	5	1
BPV 354	1	23	5	42	.3	19	6	157	2.87	4	6	ND	1	7	1	2	2	75	.10	.035	4	39	.51	76	.18	2	2.14	.01	.20	4	1
BPV 355	1	60	23	73	.1	44	12	299	3.61	6	5	ND	4	6	1	2	2	84	.10	.072	7	69	1.11	182	.22	6	4.67	.02	.38	1	1
BPV 356	1	40	21	67	.5	31	10	242	4.23	7	5	ND	4	4	1	2	2	96	.05	.063	6	72	.80	89	.20	11	4.85	.01	.20	2	2
BPV 357	1	53	11	62	.3	38	12	316	3.66	6	5	ND	5	5	1	2	2	88	.07	.056	8	77	.99	125	.22	4	5.65	.01	.28	1	1
BPV 358	1	25	11	44	.2	18	5	141	3.79	8	5	ND	3	4	1	2	2	105	.05	.101	6	50	.47	58	.17	5	2.35	.01	.17	6	1
BPV 359	1	28	11	58	.2	26	8	164	3.84	4	5	ND	3	6	1	2	2	96	.03	.152	4	64	.67	100	.18	5	3.24	.01	.18	5	1
BPV 360	1	60	11	84	.2	49	17	261	4.08	4	5	ND	4	8	1	2	2	95	.06	.045	9	78	1.22	250	.19	10	4.08	.01	.54	4	1
BPV 361	1	42	16	81	.3	32	10	202	5.46	4	5	ND	4	4	1	2	2	107	.06	.052	4	73	.87	78	.24	7	4.20	.01	.15	11	1
BPV 362	1	20	5	48	.2	12	5	151	2.75	6	5	ND	2	4	1	2	2	73	.06	.037	3	38	.51	51	.21	7	2.20	.01	.13	2	1
BPV 363	1	30	16	49	.1	26	7	181	2.75	5	5	ND	2	5	1	2	2	63	.07	.037	4	48	.70	64	.17	5	3.50	.01	.14	2	1
BPV 364	1	45	12	79	.1	40	10	251	3.94	7	5	ND	4	7	1	2	2	90	.08	.043	4	69	1.08	125	.19	3	4.51	.01	.32	2	1
BPV 365	1	7	2	17	.3	4	1	84	1.38	3	5	ND	2	3	1	2	2	35	.04	.016	4	16	.13	15	.12	4	.88	.01	.04	1	1
BPV 366	1	60	16	78	.6	66	19	473	5.45	7	6	ND	7	9	1	2	2	112	.05	.080	10	79	1.38	302	.21	2	4.04	.02	.82	2	1
BPV 367	1	29	11	72	.3	30	9	194	4.25	10	5	ND	4	5	1	2	2	96	.05	.053	3	58	.72	115	.22	2	3.65	.01	.19	2	1
BPV 368	1	40	15	82	.2	33	13	228	4.12	7	5	ND	5	6	1	2	2	90	.07	.089	4	64	.89	120	.21	2	4.12	.01	.25	1	1
BPV 369	2	35	10	84	.1	33	10	222	4.05	5	5	ND	2	6	1	2	2	83	.07	.059	3	58	.79	103	.20	6	4.37	.01	.24	1	1
BPV 370	1	21	5	58	.1	18	47	2694	2.08	2	5	ND	1	58	1	2	2	53	.47	.060	12	30	.52	166	.12	8	1.78	.01	.14	1	1
STD C/AU-S	19	61	39	132	6.9	66	29	975	3.89	37	19	7	33	46	17	15	19	60	.47	.105	33	59	.88	172	.08	36	1.69	.06	.13	12	49

MINEQUEST EXPLORATION PROJECT - BPV FILE # 86-2786 PAGE 2

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
BPV 371	1	27	10	69	.2	25	6	187	3.54	5	10	ND	4	4	1	2	2	87	.04	.039	6	52	.69	108	.21	2	2.93	.01	.21	1	1
BPV 372	1	10	11	27	.1	6	3	81	2.09	2	5	ND	1	2	1	2	2	55	.04	.034	3	23	.23	25	.15	4	1.42	.01	.04	1	2
BPV 373	1	36	7	71	.1	28	9	319	2.93	8	5	ND	3	7	1	4	2	72	.07	.051	7	46	.90	170	.19	2	2.82	.01	.47	1	1
BPV 374	1	22	16	65	.1	20	5	166	2.85	5	5	ND	2	4	1	2	2	67	.06	.039	4	42	.54	58	.18	4	2.77	.01	.13	1	5
BPV 375	1	6	2	18	.1	4	2	96	.94	2	5	ND	1	8	1	2	2	39	.10	.017	4	15	.22	34	.15	2	.58	.01	.06	1	2
BPV 376	1	34	14	82	.1	29	7	208	3.28	9	5	ND	4	6	1	2	2	75	.06	.059	6	55	.78	104	.18	2	3.97	.01	.21	1	1
BPV 377	1	28	12	83	.1	30	9	260	3.38	3	5	ND	3	4	1	2	2	82	.05	.073	6	52	.75	79	.19	3	2.78	.01	.19	1	4
BPV 378	1	13	6	41	.1	12	4	164	3.28	13	5	ND	3	3	1	2	2	87	.03	.029	7	34	.36	22	.12	6	1.24	.01	.03	1	1
BPV 379	1	21	12	58	.3	25	6	170	2.66	12	5	ND	2	14	1	2	2	72	.18	.043	3	41	.57	66	.16	2	1.98	.01	.12	1	1
BPV 380	1	24	14	51	.4	18	5	163	3.18	26	5	ND	4	6	1	2	2	80	.07	.052	4	41	.46	53	.15	3	2.33	.01	.07	1	3
BPV 381	1	11	2	42	.1	11	3	144	2.13	4	5	ND	2	7	1	2	2	58	.12	.022	5	28	.46	29	.15	5	1.15	.01	.07	1	4
BPV 382	1	16	7	39	.1	14	4	127	3.30	17	8	ND	3	3	1	2	2	81	.04	.037	4	38	.39	34	.16	8	2.01	.01	.06	2	1
BPV 383	1	36	6	69	.2	26	7	169	3.87	16	7	ND	3	3	1	2	2	67	.04	.073	5	53	.47	40	.12	7	3.83	.01	.06	1	10
BPV 384	1	24	7	51	.1	12	5	132	3.95	15	5	ND	1	3	1	2	2	87	.03	.135	5	45	.29	32	.11	5	2.36	.01	.04	1	2
BPV 385	2	25	8	56	.1	24	8	339	2.62	4	5	ND	2	10	1	2	2	66	.15	.036	6	41	.69	94	.16	3	1.89	.01	.21	1	7
BPV 386	2	22	16	35	.1	14	3	125	2.65	8	5	ND	1	3	1	2	3	56	.05	.053	5	32	.36	30	.11	2	2.04	.01	.06	1	5
BPV 387	1	28	16	59	.1	27	7	247	4.51	7	5	ND	3	3	1	2	2	111	.05	.046	9	64	.73	56	.20	6	2.92	.01	.13	1	6
BPV 388	1	55	12	79	.1	46	12	335	4.40	2	5	ND	4	6	1	2	2	97	.07	.049	10	80	1.19	97	.18	4	3.98	.01	.21	1	4
BPV 389	1	23	13	45	.1	23	6	191	5.46	9	5	ND	3	3	1	2	2	127	.06	.074	5	75	.65	30	.19	4	2.91	.01	.05	1	2
BPV 390	1	41	6	50	.1	32	10	284	3.92	6	5	ND	3	5	1	2	2	92	.10	.046	6	60	.79	64	.16	5	3.03	.01	.14	1	1
BPV 391	1	24	2	45	.5	32	6	268	1.77	4	9	ND	3	47	1	2	2	51	.64	.045	4	44	.87	115	.15	3	1.16	.02	.18	1	400
BPV 392	1	9	11	23	.3	6	4	110	3.56	4	6	ND	3	3	1	2	2	104	.04	.042	5	33	.32	13	.21	2	1.33	.01	.03	1	1
BPV 393	1	25	10	46	.1	19	6	166	3.43	8	5	ND	2	3	1	2	2	84	.06	.059	5	48	.56	39	.20	2	2.97	.01	.08	1	1
BPV 394	1	45	12	66	.2	39	10	219	4.84	3	5	ND	5	3	1	2	2	114	.05	.060	6	94	.88	78	.23	4	4.61	.01	.15	1	1
BPV 395	1	29	10	48	.1	28	7	238	3.78	8	6	ND	4	7	1	3	2	103	.12	.074	8	54	.81	46	.26	2	1.93	.01	.10	1	4
BPV 396	1	34	13	56	.5	24	8	205	3.74	8	5	ND	4	6	1	2	2	92	.11	.064	6	65	.77	66	.24	5	3.82	.01	.16	1	1
BPV 397	1	50	26	53	.1	21	8	165	7.19	11	5	ND	4	5	1	2	2	193	.07	.109	7	85	.65	73	.46	12	4.72	.01	.12	1	2
BPV 601	1	156	14	110	.2	49	23	584	4.69	2	5	ND	3	14	1	3	2	116	.31	.094	5	73	1.18	41	.37	6	3.99	.02	.07	1	1
BPV 602	1	42	13	39	.1	11	5	148	4.31	3	5	ND	2	12	1	2	2	109	.21	.071	5	41	.37	18	.30	13	2.57	.01	.02	1	6
BPV 603	1	49	17	66	.1	28	13	304	4.83	8	5	ND	4	9	1	2	2	120	.15	.079	5	65	.92	52	.36	7	4.06	.01	.10	1	3
BPV 604	1	41	14	62	.1	31	8	249	3.50	13	5	ND	3	5	1	2	2	74	.10	.078	6	61	.78	72	.15	9	4.24	.01	.15	1	6
BPV 605	2	2	6	12	.1	4	1	48	1.15	2	5	ND	1	3	1	2	3	33	.04	.015	3	7	.09	9	.26	3	.43	.01	.05	1	1
BPV 606	1	43	11	89	.1	79	20	361	4.04	2	5	ND	2	27	1	2	2	71	.36	.103	2	74	1.41	136	.18	7	3.24	.02	.49	1	2
BPV 607	2	17	8	38	.1	16	5	145	4.33	12	5	ND	4	5	1	2	2	142	.07	.069	9	43	.49	48	.31	5	1.68	.01	.10	3	2
BPV 608	1	38	13	69	.1	32	10	248	3.11	10	5	ND	4	6	1	2	2	76	.05	.035	7	52	.89	148	.20	4	3.85	.01	.39	1	2
BPV 609	2	9	12	38	.4	14	4	201	2.13	13	5	ND	2	12	1	2	3	75	.14	.043	6	31	.49	98	.19	11	1.18	.01	.16	1	1
BPV 610	2	23	4	36	.3	20	5	271	1.66	4	5	ND	1	31	1	2	2	49	.47	.039	4	29	.47	53	.12	4	.86	.02	.04	1	1
STD C/AU-S	22	62	43	136	7.0	68	28	1015	3.93	41	19	7	34	47	17	17	19	63	.48	.104	37	59	.88	180	.08	38	1.72	.07	.14	12	52

Copy: GRP.

NUCLEAR ACTIVATION SERVICES LIMITED

1280 MAIN STREET WEST, HAMILTON, ONTARIO, L8S 4K1

PHONE (416) 522-5666 TELEX 06-986947

CERTIFICATE OF ANALYSIS

TO: MINEQUEST EXPLORATION ASSOCIATES LTD.
ATTN: G. PEATFIELD
311 WATER ST.,
VANCOUVER, BRITISH COLUMBIA
V6B 1B8

CUSTOMER NO. 88/01/05

DATE SUBMITTED
05-JAN-87

REPORT: 7516 FILE NUMBER: 9204

54 PREPARED SAMPLES CFM#'S 86-348 & 355

WERE ANALYZED AS FOLLOWS:

ELEMENTS	DETECTION LIMIT	UNITS	METHOD	ELEMENTS	DETECTION LIMIT	UNITS	METHOD
AG	5.0000	PPM	INAA	SC	0.1000	PPM	INAA
AS	2.0000	PPM	INAA	SE	5.0000	PPM	INAA
AU	5.0000	PPB	INAA	TA	1.0000	PPM	INAA
BA	100.0000	PPM	INAA	TH	0.5000	PPM	INAA
CA	1.0000	%	INAA	U	0.5000	PPM	INAA
CO	5.0000	PPM	INAA	W	4.0000	PPM	INAA
CR	10.0000	PPM	INAA	ZN	50.0000	PPM	INAA
FE	0.0200	%	INAA	LA	1.0000	PPM	INAA
HF	1.0000	PPM	INAA	CE	3.0000	PPM	INAA
MO	5.0000	PPM	INAA	SM	0.1000	PPM	INAA
NA	0.0500	%	INAA	EU	0.2000	PPM	INAA
NI	200.0000	PPM	INAA	YB	0.2000	PPM	INAA
SB	0.2000	PPM	INAA	LU	0.0500	PPM	INAA

DATE 03-FEB-87

NUCLEAR ACTIVATION SERVICES LIMITED

CERTIFIED BY .....

*** UNLESS INSTRUCTED OTHERWISE WE WILL DISCARD ALL SAMPLES ***
IRRADIATED SAMPLES AFTER 30 DAYS. ANY OTHER MATERIAL AFTER 120 DAYS.

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204 PAGE: 1

SAMPLE NUMBERS

ELEMENT & UNITS		261T BPV** 101-150HN**	262T BPV** 102-150HN**	263T BPV** 103-150HN**	264T BPV** 104-150HN**	265T BPV** 105-150HN**	266T BPV** 106-150HN**
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	14	20	45	11	110	120
AU	PPB	2000	13000	1000	27000	5700	2000
BA	PPM	400	300	500	400	500	400
CA	%	4	2	4	3	2	3
CO	PPM	8	10	13	6	9	12
CR	PPM	60	90	110	100	60	90
FE	%	1.60	2.12	2.51	2.00	1.69	2.16
HF	PPM	360	260	660	500	450	460
MO	PPM	<5	<5	<5	<5	22	3
NA	%	1.7	1.4	1.1	0.85	1.9	1.4
NI	PPM	<200	<200	<200	<200	<200	<200
SB	PPM	0.7	0.6	1.5	2.3	0.5	2.0
SC	PPM	15.4	14.3	27.3	22.8	15.0	23.3
SE	PPM	<12	<14	<15	<7	<19	<10
TA	PPM	1	<1	4	4	1	2
TH	PPM	91	71	50	37	39	28
U	PPM	25.8	26.7	34.3	25.2	23.2	24.6
W	PPM	57	340	69	51	53	45
ZN	PPM	90	60	60	150	60	<50
LA	PPM	299	218	148	122	126	78
CE	PPM	460	351	247	211	231	152
SM	PPM	41.4	31.7	22.6	18.7	17.7	14.6
EU	PPM	5.9	4.3	5.2	4.9	3.1	4.2
YB	PPM	18.5	15.1	32.7	25.5	21.9	25.4
LU	PPM	4.19	3.65	7.62	5.71	5.26	5.76

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204

SAMPLE NUMBERS

ELEMENT & UNITS		267T BPV** 107-150HN**	268T BPV** 108-150HN**	269T BPV** 109-150HN**	270T BPV** 110-150HN**	271T BPV** 111-150HN**	272T BPV** 112-150HN**
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	11	9	9	89	11	36
AU	PPB	310	1900	1000	920	16	13000
BA	PPM	300	300	400	500	200	900
CA	%	2	4	3	3	5	3
CO	PPM	10	15	8	10	33	9
CR	PPM	90	110	90	70	130	<10
FE	%	1.84	2.97	2.09	2.35	4.95	1.37
HF	PPM	300	350	230	74	340	1400
MO	PPM	15	14	<5	<5	5	41
NA	%	1.5	1.1	1.1	1.5	1.7	1.5
NI	PPM	<200	200	<200	<200	200	<200
SB	PPM	1.7	1.9	1.8	1.5	1.9	0.7
SC	PPM	21.9	29.0	25.8	20.3	33.3	25.0
SE	PPM	<9	<12	<8	<5	<11	<11
TA	PPM	1	1	1	<1	2	4
TH	PPM	20	18	14	9.0	23	130
U	PPM	18.2	18.5	14.6	6.2	21.2	68.1
W	PPM	19	<8	12	19	<8	100
ZN	PPM	60	50	50	<50	80	60
LA	PPM	54	80	42	41	71	326
CE	PPM	110	142	71	59	135	562
SM	PPM	9.1	9.6	6.7	5.8	11.7	50.1
EU	PPM	2.8	2.9	2.5	2.4	2.1	7.3
YB	PPM	16.5	18.7	13.3	5.9	18.2	63.4
LU	PPM	3.90	4.19	2.85	1.24	4.22	15.5

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204

SAMPLE NUMBERS

ELEMENT & UNITS		273T BPV** 113-150HN**	274T BPV** 114-150HN**	275T BPV** 115-150HN**	276T BPV** 116-150HN**	277T BPV** 117-150HN**	278T BPV** 118-150HN**
AG	PPM	<5	32	<5	<5	<5	<5
AS	PPM	<5	250	<17	14	110	36
AU	PPB	1300	24000	16000	49000	14000	6300
BA	PPM	400	800	900	600	<1000	500
CA	%	5	7	<7	<3	9	6
CO	PPM	8	21	14	28	11	8
CR	PPM	130	270	450	180	80	140
FE	%	2.10	3.69	4.51	3.26	2.85	2.30
HF	PPM	730	1700	1700	1100	1800	950
MO	PPM	8	11	<5	13	54	34
NA	%	0.93	0.81	0.91	1.6	1.1	1.4
NI	PPM	<200	<300	<500	<300	<500	<200
SB	PPM	3.6	4.7	2.5	2.9	2.5	1.6
SC	PPM	39.5	65.7	45.8	43.4	42.7	25.7
SE	PPM	<7	<14	<61	<14	<79	<33
TA	PPM	4	8	5	8	8	4
TH	PPM	33	85	97	66	100	92
U	PPM	39.3	89.5	83.2	60.6	91.1	52.1
W	PPM	68	72	<31	170	140	81
ZN	PPM	60	<50	<70	80	80	50
LA	PPM	101	237	491	177	295	263
CE	PPM	195	473	653	364	512	451
SM	PPM	18.0	40.3	32.4	30.4	43.8	41.6
EU	PPM	5.4	9.3	5.4	8.0	11.2	6.1
YB	PPM	37.3	77.9	70.1	61.1	80.6	44.2
LU	PPM	8.35	19.3	17.8	14.3	19.6	10.5

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204

SAMPLE NUMBERS

ELEMENT & UNITS		279T BPV** 119-150HN**	280T BPV** 120-150HN**	281T BPV** 121-150HN**	282T BPV** 122-150HN**	283T BPV** 123-150HN**	284T BPV** 124-150HN**
AG	PPM	<5	<5	<22	<5	<5	<5
AS	PPM	17	33	580	55	110	54
AU	PPB	15000	1100	16000	10000	4000	<13
BA	PPM	1100	1000	1300	500	1000	600
CA	%	10	<6	6	<4	7	6
CO	PPM	18	10	15	7	<5	8
CR	PPM	110	60	100	90	70	100
FE	%	2.31	1.53	2.47	2.20	1.12	1.46
HF	PPM	870	1300	2100	1500	2300	790
MO	PPM	<5	<5	<5	53	7	25
NA	%	2.3	1.9	1.2	1.3	1.6	2.2
NI	PPM	<500	<400	<500	<400	<500	<200
SB	PPM	2.2	1.4	2.4	2.2	<1.2	2.1
SC	PPM	26.1	25.8	46.4	42.5	29.5	24.4
SE	PPM	<14	<46	<63	<61	<78	<8
TA	PPM	6	8	8	8	11	3
TH	PPM	140	120	54	63	170	48
U	PPM	71.2	80.6	123	72.8	126	44.3
W	PPM	120	120	220	28	<27	83
ZN	PPM	180	150	90	110	140	70
LA	PPM	460	324	140	150	515	88
CE	PPM	681	505	299	307	816	190
SM	PPM	64.6	44.0	26.1	28.9	70.6	15.6
EU	PPM	14.1	9.5	11.2	9.7	12.7	5.9
YB	PPM	42.4	56.2	83.7	67.0	96.7	41.3
LU	PPM	10.2	15.1	24.0	16.8	24.2	9.66

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204 PAGE: 5

SAMPLE NUMBERS

ELEMENT & UNITS		285T BPV** 126-150HN**	286T BPV** 127-150HN**	287T BPV** 128-150HN**	288T BPV 1**01-60+150H**	289T BPV 1**02-60+150H**	290T BPV 1**03-60+150H**
AG	PPM	<16	<5	<5	<5	<7	<6
AS	PPM	310	<18	54	45	190	180
AU	PPB	44000	640	830	4000	<24	5700
BA	PPM	900	<800	900	700	800	300
CA	%	<7	8	8	<4	2	6
CO	PPM	<5	7	8	35	32	12
CR	PPM	120	90	110	210	170	100
FE	%	1.08	2.22	3.00	8.79	8.96	4.36
HF	PPM	1600	1000	1500	180	220	160
MO	PPM	63	<5	<5	<5	38	<6
NA	%	1.6	1.5	0.83	0.21	0.19	0.10
NI	PPM	<200	<500	<300	<300	<200	<200
SB	PPM	<1.2	3.2	3.0	0.6	3.6	3.7
SC	PPM	28.6	44.0	50.4	22.7	17.1	25.0
SE	PPM	<61	<65	<19	<17	<10	<6
TA	PPM	6	<3	10	9	5	3
TH	PPM	270	69	110	83	46	47
U	PPM	86.6	64.6	142	23.5	17.6	20.7
W	PPM	140	40	29	170	9200	190
ZN	PPM	<70	190	100	3400	1500	350
LA	PPM	786	240	295	286	179	191
CE	PPM	1130	395	601	507	294	361
SM	PPM	93.4	32.5	66.3	49.3	28.0	32.2
EU	PPM	12.6	7.4	11.8	6.2	6.8	9.3
YB	PPM	73.6	46.9	81.0	17.2	16.6	19.5
LU	PPM	19.0	11.8	18.5	3.19	3.20	3.16

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204

SAMPLE NUMBERS

ELEMENT & UNITS		!291T BPV 1**292T BPV 1**293T BPV 1**294T BPV 1**295T BPV 1**296T BPV 1** !04-60+150H**05-60+150H**06-60+150H**07-60+150H**08-60+150H**09-60+150H**					
AG	PPM	<5	<10	<31	<5	<5	<5
AS	PPM	93	570	1800	59	28	11
AU	PPB	330000	18000	19000	<22	31	10000
BA	PPM	<1600	800	700	700	<200	500
CA	%	5	7	19	10	11	14
CO	PPM	16	33	58	47	13	10
CR	PPM	260	190	170	250	180	140
FE	%	4.67	7.08	9.11	6.40	4.91	3.99
HF	PPM	400	390	410	590	390	130
MO	PPM	30	10	8	<5	34	<10
NA	%	0.33	0.17	0.16	0.28	0.26	0.86
NI	PPM	<500	<200	<600	500	<200	<300
SB	PPM	5.1	2.7	13	10	4.5	2.6
SC	PPM	43.3	22.7	52.2	65.2	54.7	50.4
SE	PPM	<44	<7	<21	<10	<13	<14
TA	PPM	13	8	20	21	4	4
TH	PPM	44	110	150	46	37	21
U	PPM	34.0	31.0	53.9	46.4	17.8	12.1
W	PPM	<22	530	480	80	24	31
ZN	PPM	990	1700	370	300	60	180
LA	PPM	182	432	499	198	136	89
CE	PPM	336	696	877	427	271	167
SM	PPM	28.5	47.4	94.5	49.3	22.6	22.4
EU	PPM	12.9	12.2	29.6	14.9	8.2	5.0
YB	PPM	29.9	30.0	54.6	43.5	23.1	13.2
LU	PPM	5.19	5.75	9.67	8.40	4.47	2.41

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204 PAGE: 7

SAMPLE NUMBERS

ELEMENT & UNITS		!297T BPV 1**10-60+150H	298T BPV 1**11-60+150H	299T BPV 1**12-60+150H	300T BPV 1**13-60+150H	301T BPV 1**14-60+150H	302T BPV 1**15-60+150H
AG	PPM	<12	<5	<22	<5	<5	<5
AS	PPM	1500	25	320	24	240	59
AU	PPB	7000	<13	27000	<25	100	31000
BA	PPM	<300	200	1300	800	1000	700
CA	%	15	13	10	14	12	17
CO	PPM	25	29	13	14	15	9
CR	PPM	150	120	140	150	210	200
FE	%	6.79	9.46	4.15	9.52	4.66	4.55
HF	PPM	37	29	1200	110	510	1100
MO	PPM	<5	<5	<5	<5	<5	13
NA	%	0.27	0.16	0.27	0.25	0.14	0.11
NI	PPM	<300	<200	800	800	600	<300
SB	PPM	4.4	1.4	10	5.5	8.4	8.1
SC	PPM	40.7	26.5	49.2	56.5	65.7	55.4
SE	PPM	<8	9	<46	<15	<22	<13
TA	PPM	7	3	32	6	17	18
TH	PPM	34	26	170	100	100	110
U	PPM	9.9	4.6	92.3	16.7	40.3	55.9
W	PPM	2000	12	900	<21	150	110
ZN	PPM	130	1000	<50	230	90	80
LA	PPM	231	164	470	714	431	444
CE	PPM	387	242	797	214	801	752
SM	PPM	37.1	23.7	94.9	78.2	70.5	61.1
EU	PPM	7.8	3.9	30.0	10.7	20.2	17.9
YB	PPM	11.5	5.7	71.0	17.8	43.1	55.5
LU	PPM	1.73	0.97	15.1	0.37	7.91	11.8

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204 PAGE: 8

SAMPLE NUMBERS

ELEMENT & UNITS		303T BPV 1**16-60+150H	304T BPV 1**17-60+150H	305T BPV 1**18-60+150H	306T BPV 1**19-60+150H	307T BPV 1**20-60+150H	308T BPV 1**21-60+150H
AG	PPM	<5	<12	<9	<5	<5	44
AS	PPM	80	690	170	14	550	4600
AU	PPB	<29	18000	58	53000	100000	200000
BA	PPM	700	600	600	1400	<1500	<1500
CA	%	13	9	10	11	13	12
CO	PPM	76	27	28	44	22	88
CR	PPM	310	180	180	180	210	190
FE	%	6.46	6.28	8.86	5.24	5.85	6.45
HF	PPM	890	490	310	400	930	360
MO	PPM	12	<5	8	<5	<5	12
NA	%	0.25	0.13	0.18	0.55	0.31	0.16
NI	PPM	800	400	<300	<400	<700	<600
SB	PPM	6.8	10	9.5	4.0	7.2	6.2
SC	PPM	63.2	48.4	36.7	37.1	43.3	62.0
SE	PPM	<13	<9	<8	<31	<38	<35
TA	PPM	22	18	16	13	16	26
TH	PPM	82	79	77	73	100	80
U	PPM	51.6	48.2	36.9	33.3	58.0	60.1
W	PPM	190	680	530	1200	1500	1400
ZN	PPM	110	460	490	990	380	350
LA	PPM	321	312	269	345	322	371
CE	PPM	704	640	619	551	616	688
SM	PPM	74.0	65.4	69.4	52.9	68.1	76.5
EU	PPM	19.9	19.4	18.9	17.7	22.8	26.4
YB	PPM	62.0	44.9	39.8	35.4	58.8	70.8
LU	PPM	12.2	8.21	6.58	6.37	12.3	11.8

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 03-FEB-87 REPORT: 7516 FILE NUMBER: 9204 PAGE: 9

SAMPLE NUMBERS

ELEMENT & UNITS		!309T BPV 1**310T BPV 1**311T BPV 1**312T BPV 1**313T BPV 1**314T BPV 1** !22-60+150H**23-60+150H**24-60+150H**26-60+150H**27-60+150H**28-60+150H**					
AG	PPM	<25	<29	<20	55	<5	<5
AS	PPM	390	750	1100	1700	<11	120
AU	PPB	<53	<76	<33	270000	<28	600
BA	PPM	1900	1500	1800	<1900	600	2100
CA	%	18	<12	12	26	11	16
CO	PPM	18	21	56	17	15	10
CR	PPM	140	140	240	180	200	170
FE	%	4.62	2.82	5.82	2.53	4.82	6.95
HF	PPM	750	1300	1000	770	380	330
MO	PPM	<5	<5	26	<5	<5	<5
NA	%	0.16	<0.20	0.21	0.24	0.22	0.23
NI	PPM	<600	900	<300	<700	<300	<400
SB	PPM	10	3.0	8.1	2.4	4.8	6.4
SC	PPM	54.6	27.8	66.1	34.6	58.9	55.8
SE	PPM	<48	<36	<14	<16	<9	24
TA	PPM	33	42	34	24	14	26
TH	PPM	160	220	120	190	90	190
U	PPM	83.0	124	72.0	69.0	34.9	53.0
W	PPM	150	<49	1500	1200	260	56
ZN	PPM	180	310	<50	240	1000	600
LA	PPM	599	880	441	534	349	980
CE	PPM	1140	1470	991	856	644	1650
SM	PPM	130	150	122	90.2	53.3	161
EU	PPM	42.3	43.9	34.8	20.4	14.4	24.3
YB	PPM	77.9	109	94.8	70.6	37.2	52.0
LU	PPM	15.0	20.6	18.0	10.6	6.97	8.30

EXPLANATION OF CODES

VARIABLE DETECTION LIMITS DUE TO SAMPLE COMPOSITION

C.F.MINERAL RESEARCH LTD.
263 LAKE AVENUE
KELOWNA, BRITISH COLUMBIA
CANADA V1Y 5W6

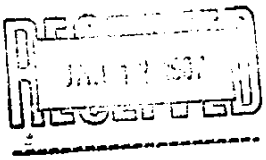
TEL(604)763-1815
(604)860-8525

MINEQUEST EXPLORATION ASSOCIATES LTD. C.F.M.86-348
PROJECT: BPV
G.R. PEATFIELD
23/12/86

SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	GRAINS OF SCHEELITE
BPV 101	7.700			
BPV 101		-60+150HN	2.48	NIL
BPV 101		-150HN	2.15	
BPV 102	6.300			
BPV 102		-60+150HN	0.92	ABUNDANT
BPV 102		-150HN	1.43	
BPV 103	7.400			
BPV 103		-60+150HN	1.05	NIL
BPV 103		-150HN	1.81	
BPV 104	6.800			
BPV 104		-60+150HN	0.49	NIL
BPV 104		-150HN	1.74	
BPV 105	5.800			
BPV 105		-60+150HN	1.03	±4
BPV 105		-150HN	1.40	
BPV 106	6.400			
BPV 106		-60+150HN	0.59	NIL
BPV 106		-150HN	1.47	
BPV 107	5.800			
BPV 107		-60+150HN	0.31	NIL
BPV 107		-150HN	1.10	
BPV 108	5.600			
BPV 108		-60+150HN	1.25	NIL
BPV 108		-150HN	1.54	
BPV 109	7.400			
BPV 109		-60+150HN	2.94	NIL
BPV 109		-150HN	2.08	
BPV 110	9.800			
BPV 110		-60+150HN	5.86	SEVERAL
BPV 110		-150HN	1.21	

MINEQUEST EXPLORATION ASSOCIATES LTD. C.F.M.86-348
PROJECT: BPV
G.R. PEATFIELD
23/12/86

SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	GRAINS OF SCHEELITE
BPV 111	10.100			
BPV 111		+60+150HN	6.11	NIL
BPV 111		-150HN	0.36	
BPV 112	6.900			
BPV 112		-60+150HN	0.49	NIL
BPV 112		-150HN	0.78	
BPV 113	7.300			
BPV 113		-60+150HN	3.86	NIL
BPV 113		-150HN	1.13	
BPV 114	8.800			
BPV 114		-60+150HN	0.67	NIL
BPV 114		-150HN	0.37	
BPV 115	9.100			
BPV 115		-60+150HN	1.13	NIL
BPV 115		-150HN	1.08	
BPV 116	7.100			
BPV 116		-60+150HN	0.20	NIL
BPV 116		-150HN	0.31	
BPV 117	8.400			
BPV 117		-60+150HN	1.16	NIL
BPV 117		-150HN	0.85	
BPV 118	8.200			
BPV 118		-60+150HN	0.98	NIL
BPV 118		-150HN	0.88	
BPV 119	7.500			
BPV 119		-60+150HN	0.58	NIL
BPV 119		-150HN	0.62	
BPV 120	8.000			
BPV 120		-60+150HN	0.33	NIL
BPV 120		-150HN	0.58	



MINEQUEST EXPLORATION ASSOCIATES LTD. C.F.M.86-348
PROJECT: BPV
G.R. PEATFIELD
23/12/86

SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	GRAINS OF SCHEELITE
BPV 121	7.300			
BPV 121		-60+150HN	0.62	NIL
BPV 121		-150HN	0.43	
BPV 122	7.500			
BPV 122		-60+150HN	0.45	NIL
BPV 122		-150HN	0.53	
BPV 123	8.000			
BPV 123		-60+150HN	0.89	NIL
BPV 123		-150HN	1.08	
BPV 124	6.700			
BPV 124		-60+150HN	0.25	NIL
BPV 124		-150HN	0.64	

C.F.MINERAL RESEARCH LTD.
263 LAKE AVENUE
KELOWNA, BRITISH COLUMBIA
CANADA V1Y 5W6

TEL(604)763-1815
(604)860-8525

MINEQUEST EXPLORATION ASSOCIATES LTD. C.F.M.86-355
PROJECT: BPV
G.R. PEATFIELD
24/12/86

SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	GRAINS OF SCHEELITE
BPV 126	6.800			
BPV 126		-60+150HN	0.87	NIL
BPV 126		-150HN	1.58	
BPV 127	6.800			
BPV 127		-60+150HN	0.69	NIL
BPV 127		-150HN	0.79	
BPV 128	11.100			
BPV 128		-60+150HN	4.21	NIL
BPV 128		-150HN	3.70	

APPENDIX III

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Giles R. Peatfield, hereby certify that:

1. I am a consulting geologist with a business office at #201-311 Water Street, Vancouver, British Columbia, V6B 1B8.

2. I am a principal of MineQuest Exploration Associates Ltd., a company performing geological consulting and contract exploration services for the mineral exploration industry.

3. I am a graduate of the University of British Columbia (B.A.Sc., Geological Engineering, 1966) and of Queen's University at Kingston (Ph.D., 1978).

4. I am a fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining and Metallurgy, of the Mineralogical Association of Canada, of the Association of Exploration Geochemists, and of the Association of Professional Engineers of British Columbia.

5. I have practiced my profession as a geologist for more than 20 years.

Signed: G.R. Peatfield

G.R. Peatfield, P.Eng.

Dated at Vancouver, B.C. this
6th day of March, 1987

APPENDIX IV

Cost Statement

APPENDIX IV

Cost Statement
Valentine Mountain Property
(West Leech 1986, Valentine 1986 & Jordan Gold 1 Groups)

Fees and Wages:		
G.R. Peatfield 5 days field and travel @$485.00	2,425.00	
G.R. Peatfield 68 hours office @$80.00	5,440.00	
R. Gourlay 10 days field @$135.00	1,350.00	
	9,215.00	9,215.00
MineQuest Charges		
Photocopies in house	75.00	
Wordprocessing	125.00	
Field Equipment Charges	80.00	
	280.00	280.00
Disbursements		
Analyses	3,738.45	
Vehicle Rent	730.82	
Fuel	71.22	
Taxi, Parking, Ferry	156.25	
General Field Supplies	24.50	
Room and Board	552.61	
Freight	75.55	
Maps	19.34	
Telephone	18.23	
Courier	12.00	
Drafting	953.75	
	6,352.72	
10% over-ride	635.27	
	6,987.99	6,987.99
		16,482.99

APPENDIX IV-COST STATEMENT (Continued)

Prorated to:

WEST LEECH 1986 Group	45%	=	7,417.35
VALENTINE 1986 Group	10%	=	1,648.29
Jordan Gold 1 Group	45%	=	7,417.35
			16,482.99

G.R. Peatfield
6 Mar. '87

APPENDIX V

Statements of Exploration and Development

#380.00

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, Robert C. Beaupre (Name)
1027 Pandora Avenue (Address)
Victoria, B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)

Agent for Beau Pre Explorations Ltd (Name)
1027 Pandora Avenue (Address)
Victoria, B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)

Valid subsisting F.M.C. No. 278963 BEAURC

Valid subsisting F.M.C. No. 279065 BEAPRE

STATE THAT

1. I have done, or caused to be done, work on the Jordan Gold 1, Jordan Gold 2, Jordan Gold 3 ~~(BEAR CREEK 1986 Group)~~ Jordan Gold 1 Group GRP. Claim(s)
Record No(s). 731, 732, 733
Situate at Valentine Mountain in the Victoria Mining Division,
to the value of at least 5,900.00 dollars. Work was done from the 24th day
of October 19 86, to the 18th day of December 19 86

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)

(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

GOLD COMMISSIONER
RECEIVED and RECORDED
DEC 19 1986 TLS
M.R. # 2529135
VICTORIA, B.C.

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Geology, soil sampling, heavy mineral & silt	5,900.00
sampling. Report to follow.	
TOTAL OF C AND D	5,900.00

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name Beau Pre Explorations Ltd

Address 1027 Pandora Avenue

Victoria, B.C. V8V 3P6

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):	
Name of Owner/Operator	
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.] 1. Beau Pre Explorations Ltd	1,700.00
2.	
3.	
TOTAL WITHDRAWAL	1,700.00
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	7,600.00

I wish to apply $ 7,600.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

Jordan Gold 1, 731, 10 units, recorded Dec 24, apply 1 year - 2,000

Jordan Gold 2, 732, 14 units, recorded Dec 24, apply 1 year - 2,800

Jordan Gold 3, 733, 14 units, recorded Dec 24, apply 1 year - 2,800

7,600

Value of work to be credited to portable assessment credit (PAC) account(s).
[May only be credited from the approved value of C and (or) D not applied to claims.]

Name of owner/operator	Name	AMOUNT
	1.	
	2.	
	3.	

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

Signature of Applicant

#80
+ NB 12/90

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, Robert C. Beaupre (Name)
1027 Pandora Avenue (Address)
Victoria, B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)

Agent for Beau Pre Explorations Ltd (Name)
1027 Pandora Avenue (Address)
Victoria, .B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)

Valid subsisting F.M.C. No. 278963 BEAURC

Valid subsisting F.M.C. No. 279065 BEAPRE

STATE THAT

1. I have done, or caused to be done, work on the BLAZE #2, BPEX #1, BPEX #2, BPEX #5, BPEX #6, BPEX #11, BPEX #12, BPEX #7, P.C. #1, P.C. #4 (Valentine 1986 Group) Claim(s)
Record No(s). 53, 461,462, 493,494,507,508,591,817,820
Situate at Valentine Mountain in the Victoria Mining Division,
to the value of at least 1,250.00 dollars. Work was done from the 24th day
of October 19 86, to the 18th day of December 19 86

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)

(Give details as required by ~~section 12 of regulations.~~)

GOLD COMMISSIONER
RECEIVED and RECORDED
DEC 19 1986 #860 TLS
M.R. # 252,913T
VICTORIA, B.C.

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Heavy mineral and silt sampling program	1,250.00
Report to follow.	
TOTAL OF C AND D	1,250.00

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name Beau Pre Explorations Ltd

Address 1027 Pandora Avenue

Victoria, B.C. V8V 3P6

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):	
Name of Owner/Operator	
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.] 1. Beau Pre Explorations Ltd	350.00
2.	
3.	
TOTAL WITHDRAWAL	350.00
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	1,600.00

I wish to apply $ 1,600 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

P.C. #1, 817, 8 units, recorded Apr. 7, apply 1 year - 1,600

Value of work to be credited to portable assessment credit (PAC) account(s).
[May only be credited from the approved value of C and (or) D) not applied to claims.]

Name of owner/operator — Name	AMOUNT
1.	
2.	
3.	

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

Signature of Applicant

17,390 10 / 390 Total
P16

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, Robert C. Beaupre (Name)
1027 Pandora Avenue (Address)
Victoria, B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)
Valid subsisting F.M.C. No. 278963 BEAURC

Agent for Beau Pre Explorations Ltd. (Name)
1027 Pandora Avenue (Address)
Victoria, B.C.
V8V 3P6 (Postal Code) 382-1455 (Telephone Number)
Valid subsisting F.M.C. No. 279065 BEAPRE

STATE THAT

1. I have done, or caused to be done, work on the BLAZE #1, BLAZE #3, BLAZE #4, BPEX #3, BPEX #4, BPEX 9, Jordan Gold 5, Luster #2, Luster #1 (WEST LEECH 1986 Group) claim(s)
Record No(s). 47,124, 370, 463, 492, 665, 737, 742, 747
Situate at Valentine Mountain in the Victoria Mining Division,
to the value of at least 5,900.00 dollars. Work was done from the 24th day
of October 19 86, to the 18th day of December 19 86

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)

(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

GOLD COMMISSIONER
RECEIVED and RECORDED
DEC 19 1986 # 860
M.R. # 2529135
VICTORIA, B.C.

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Geology; heavy mineral & silt sampling	5,900.00
Report to follow.	
TOTAL OF C AND D	5,900.00

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name .....

Address .....

Portable Assessment Credits (PAC) Withdrawal Request Amount to be withdrawn from owner(s) or operator(s) account(s):	Name of Owner/Operator	AMOUNT
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.]	1. Beau Pre Explorations Ltd	1,700.00
	2.	
	3.	
	TOTAL WITHDRAWAL	1,700.00
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	7,600.00

I wish to apply $ 7,600 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

Jordan Gold 5, 737, 18 units, recorded Jan.11, apply 1 year - 3,600

Luster #2, 742, 18 units, recorded Jan.19, apply 1 year - 3,600

Luster #1, 747, 2 units, recorded Jan.31, apply 1 year - 400

7,600

Value of work to be credited to portable assessment credit (PAC) account(s).
[May only be credited from the approved value of C and (or) D not applied to claims.]

Name of owner/operator	Name	AMOUNT
	1.	
	2.	
	3.	

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

Signature of Applicant

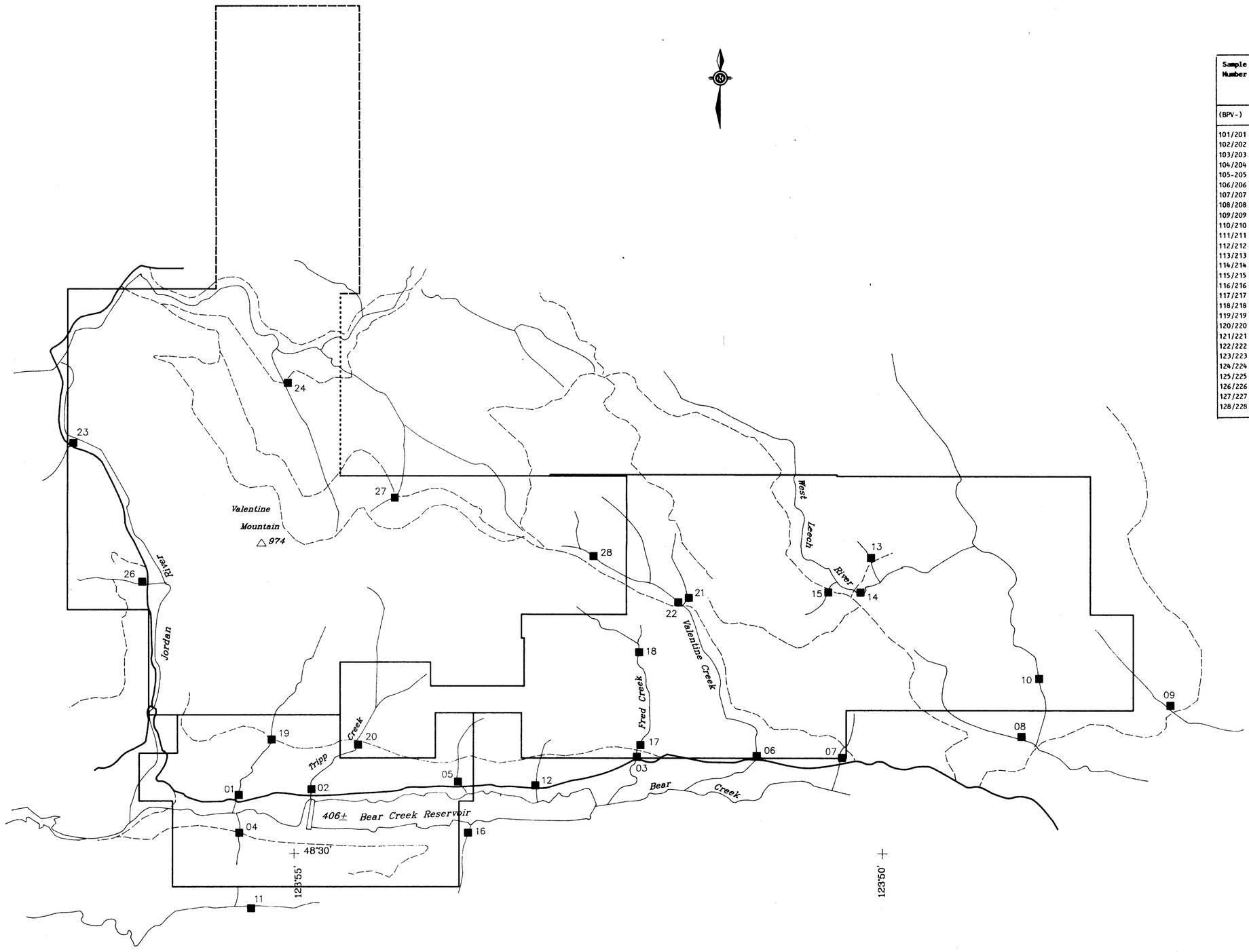


TABLE 2

Compartive Data - Heavy Minerals vs Silts

Sample Number	Heavy non-magnetic (-60+150 mesh)				Heavy non-magnetic (-150 mesh)			Silt (-80 mesh)		
	Au	As	W	Visible scheelite	Au	As	W	Au	As	W
(BPV-)	(ppb)	(ppm)	(ppm)	(no. of grains)	(ppb)	(ppm)	(ppm)	(ppb)	(ppm)	(ppm)
101/201	4,000	45	170	-	2,000	14	57	5	7	1
102/202	<24	190	9,200	" abundant "	13,000	20	340	3	9	2
103/203	5,700	180	190	-	1,000	45	69	6	17	1
104/204	330,000	93	<22	-	27,000	11	51	15	14	1
105-205	18,000	570	530	±4	5,700	110	53	2	6	1
106/206	19,000	1,800	480	-	2,000	120	45	15	20	1
107/207	<22	59	80	-	310	11	19	10	8	1
108/208	31	28	24	-	1,900	9	<8	4	9	1
109/209	10,000	11	31	-	1,000	9	12	1	10	1
110/210	7,000	1,500	2,000	" several "	920	89	19	5	18	1
111/211	<13	25	12	-	16	11	<8	1	4	1
112/212	27,000	320	900	-	13,000	36	100	1	14	1
113/213	<25	24	<21	-	1,300	<5	68	3	8	1
114/214	100	240	150	-	24,000	250	72	1	12	1
115/215	31,000	55	110	-	16,000	<17	<31	10	14	1
116/216	<29	80	190	-	49,000	14	170	2	7	1
117/217	18,000	690	680	-	14,000	110	140	40	25	1
118/218	58	170	530	-	6,300	36	81	3	14	2
119/219	53,000	14	1,200	-	15,000	17	120	1	8	1
120/220	100,000	550	1,500	-	1,100	33	120	15	10	1
121/221	200,000	4,600	1,400	-	16,000	580	220	1	98	1
122/222	<53	390	150	-	10,000	55	28	1	27	1
123/223	<76	750	<49	-	4,000	110	<27	1	15	1
124/224	<33	1,100	1,500	-	<18	54	83	5	8	1
125/225	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
126/226	270,000	1,700	1,200	-	44,000	310	140	74	28	3
127/227	<28	<11	260	-	640	<18	40	1	14	2
128/228	600	120	56	-	830	54	29	1	8	1

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,509

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA G. R. PEATFIELD

G.R. Peatfield 5 Mar.'87

NOTE:

01 – sample site

series 100 – heavy mineral samples

series 200 – silt samples

Scale 1:25,000

0 500 1000 1500 2000 2500

metres

BEAU PRE EXPLORATIONS LTD.

VALENTINE MOUNTAIN GOLD PROPERTY
VICTORIA M.D., B.C.

HEAVY MINERAL & SILT SAMPLE LOCATIONS & RESULTS

	Originator	Drawn	Date	PLAN No.	FIGURE
Original	GRP	Geo-Comp	FEB.'87		5
Revision				N.T.S.	
Revision				92B/5W,12W	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: BPV/HMS 1987-02-27