REPORT ON

GEOLOGICAL MAPPING AND GEOCHEMICAL SURVEYS

ON THE

FROST LAKE PROPERTY
(F.R.S. #1 and Helga #1 Claims)

VICTORIA MINING DIVISION, BRITISH COLUMBIA
NTS 92C/9E
48°40'43" N, 124°07'40" W

BEAU PRE EXPLORATIONS LIMITED

GORDON J. ALLEN, P.GEOL.

Victoria, B.C.

December 19, 1988

SUMMARY

This work program on the Frost Lake Property was conducted by Beau Pre Explorations Ltd. between July 22 and December 19, 1988. The program consisted of stream sediment sampling (standard silts and samples for heavy mineral concentrates), rock sampling, minor geological mapping, and a compilation and interpretation of previous work programs.

The property is underlain by basaltic volcanics and limestones of the Triassic Karmutsen Formation, micritic limestones of the Triassic Quatsino Formation, shale of the Triassic Parson Bay Formation, quartz diorite and dacite of the Jurassic Island Intrusions, and diorite and marble probably of the Jurassic Westcoast Complex. The entire package is generally moderately dipping to the northeast. Karmutsen and Quatsino Formation units have been repeated by faulting (thrust?).

Two types of skarn mineralization occur on the property:

a) garnet, actinolite, $\pm$ chalcopyrite, $\pm$ pyrite skarns in Quatsino Formation limestone adjacent to dacite dykes.

b) massive magnetite, chalcopyrite and pyrite with lesser amounts of garnet, epidote, actinolite and quartz in Karmutsen Formation basalt or possibly calcareous basaltic tuff.

The analyses of heavy mineral concentrates from stream sediments outlined areas with known skarn mineralization. Some drainages are yielding gold without associated anomalous amounts of copper, and an as yet unobserved type of gold-bearing mineralization may occur on the property.

Analytical results of standard stream sediment samples do not correlate well with those of the heavy mineral concentrates.

Based on known mineralization, the property has some potential to host an economic copper deposit, most likely in a calcareous basaltic tuff in the Karmutsen Formation (type b skarn). Gold potential on the property appears to be low judging from the gold content of the known highest-grade mineralization.

Based on information compiled during this Phase I exploration program, a Phase II program of geological mapping, stream sediment sampling (for heavy mineral concentrates), soil sampling and geophysics (VLF-EM, magnetic and I.P.) is recommended. The estimated cost of this program is roughly $41,000.00.

FROST LAKE PROPERTY

TABLE OF CONTENTS

FROST LAKE PROPERTY

TABLE OF CONTENTS

APPENDICES

LIST OF ILLUSTRATIONS

1.0 INTRODUCTION

The Frost Lake Property has several showings of copper-bearing skarn-type mineralization, some of which contain weakly anomalous amounts of gold. Several of these showings have been sampled and covered by soil geochemistry surveys in past work programs.

The 1988 exploration program was designed to assess the mineral potential of the entire property and to outline the best exploration targets for detailed mapping and sampling in future programs. The main focus of this program consisted of the collection of stream sediment samples and the subsequent analysis of heavy mineral concentrates from these samples. Minor amounts of geological mapping and rock sampling were also conducted.

Ten days were spent on the property between July 30 and November 3, 1988.

2.0 PROPERTY LOCATION, ACCESS AND TITLE

The Frost Lake Property is located approximately 16 km south of Mesachie Lake on Vancouver Island, British Columbia (Figure 1). The property is in the Victoria Mining Division, on NTS sheet 92C/9E. The legal corner posts are located at 48°40'29"N, 124°07' 40"E on the west side of Lens Main road, 140 m north of its junction with Lens West Main road (Figure 2).

Access to the property is via the main Port Renfrew (Harris Creek Main) road which heads south off of Highway 18 at Mesachie Lake. Approximately 8 km south of Mesachie Lake Lens Main road veers off to the left, heading almost due south. The legal corner posts for the claims are located on Lens Main road roughly 8 km south of the Port Renfrew road. From the legal corner posts Lens West Main road and Trunk Road 8 give good access to much of the property.

The Frost Lake Property consists of 2 mineral claims totalling 40 units as shown below.

CLAIM	RECORD NUMBER	UNITS	ANNIVERSARY DATE*	YEAR REGISTERED
F.R.S. #1	1092	20	Sept. 19, 1992	1983
Helga #1	1103	20	Oct. 14, 1992	1983

*(Note: Anniversary date after the 1988 assessment work covered in this report.)

The claims were grouped as the Frost Lake Group by Notice to Group 556 dated September 18, 1984.

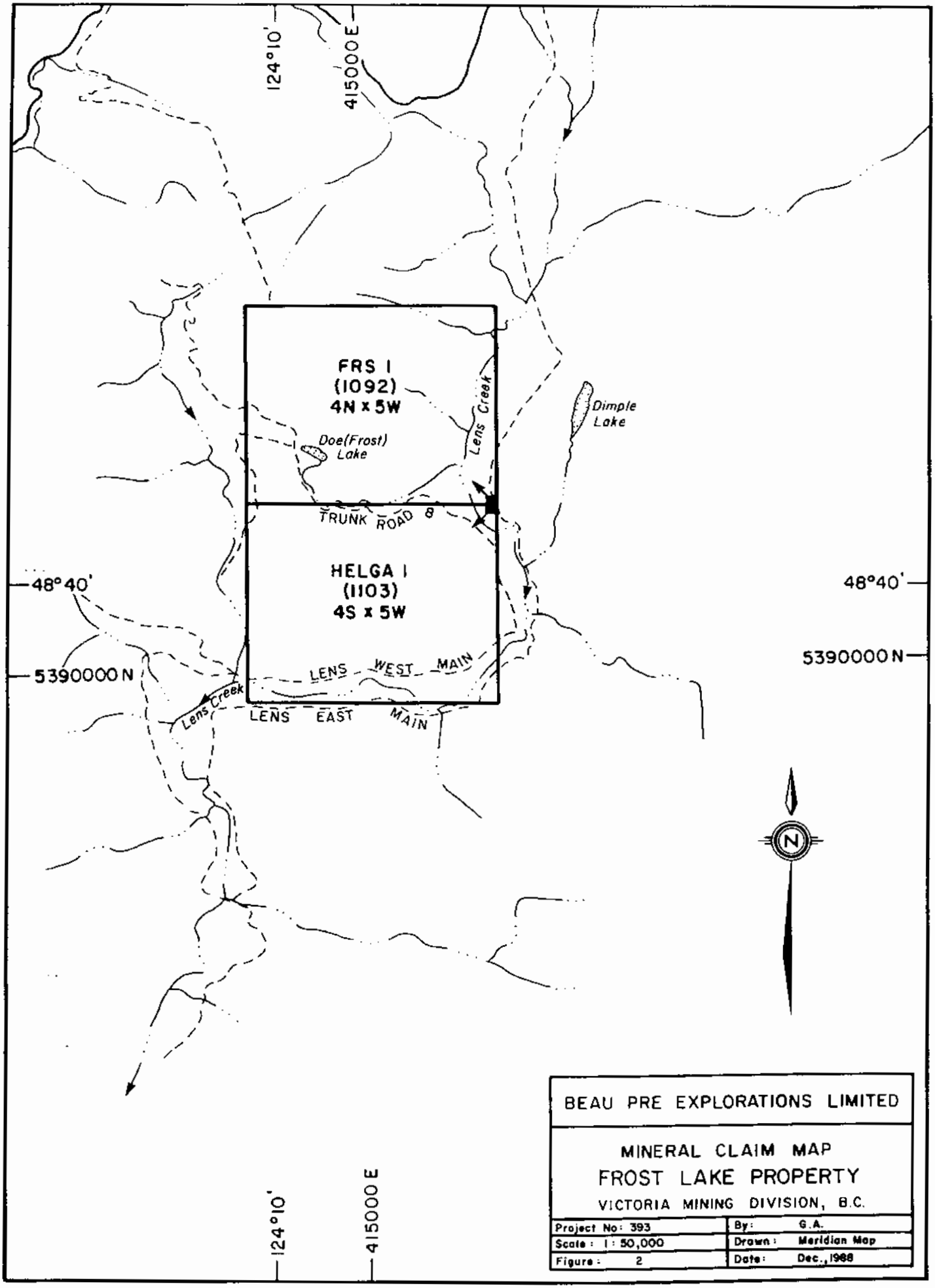
Both claims are wholly owned by Beau Pre Explorations Limited.

FROST LAKE
PROPERTY

BEAU PRE EXPLORATIONS LIMITED

GENERAL LOCATION MAP
FROST LAKE PROPERTY
VICTORIA MINING DIVISION, B.C.

Project No: 393	By: G.A.
Scale: 1: 8,000,000	Drawn: Meridian Map
Figure: 1	Date: Dec., 1988


124°10'
415000E
FRS 1
(1092)
4N x 5W
Doe(Frost)
Lake
Lens Creek
Dimple
Lake
TRUNK ROAD 8
HELGA 1
(1103)
4S x 5W
48°40'
5390000N
LENS WEST MAIN
Lens Creek
LENS EAST MAIN
N
BEAU PRE EXPLORATIONS LIMITED
MINERAL CLAIM MAP
FROST LAKE PROPERTY
VICTORIA MINING DIVISION, B.C.
Project No: 393
By: G.A.
Scale: 1:50,000
Drawn: Meridian Map
Figure: 2
Date: Dec., 1988

3.0 PREVIOUS WORK

Regional geological mapping was conducted in the area by Muller (1977).

Detailed geological mapping, and rock and soil geochemistry surveys and a magnetic susceptibility survey were conducted by Westmin in 1977 on part of what is now the F.R.S. #1 Claim. A grid was established in an area with several small zones of skarn-type mineralization peripheral to a small stock of 'diorite' (probably a quartz diorite).

Gold-in-soil values are erratic and not related to any known mineralization. The highest gold value of 170 ppb is underlain by 'diorite'. No correlation was found between gold and any other metal in soil. Silver, copper, lead and zinc values are weakly sporadically anomalous along the flanks of the intrusive. All metal-in-soil values except gold are coincidentally anomalous over a chalcopyrite-bearing skarn zone in limestone immediately south of the intrusive.

The magnetic survey outlined a few isolated zones of higher susceptibility in areas underlain by Karmutsen Formation volcanic rocks. The intrusive is outlined by a zone of low magnetic susceptibility.

As a result of this work Westmin concluded that no significant mineralization outside of the known showings occurred in the grid area, and that the observed mineralized zones were too small and low grade for the area to warrant further work. The claims were subsequently dropped.

In 1983 massive chalcopyrite and magnetite float was found on Trunk Road 8 southeast of Frost Lake by J.W. Decker and F.R.

Shandler. Consequently the F.R.S. #1 and Helga #1 Claims were staked.

Beau Pre Explorations Limited acquired the property on May 10, 1984. A brief examination of the property was conducted by E.W. Grove in 1985 on behalf of Beau Pre. A few small chalcopyrite-bearing showings were outlined in an area northeast of Frost Lake on the F.R.S. #1 Claim.

In 1986 G.R. Peatfield of Minequest Exploration Associates Ltd. was commissioned to assess the property. Geological mapping, and rock and soil sampling was conducted along road cuts on the Helga #1 Claim. One other zone with massive chalcopyrite float was located on Trunk Road 8, approximately 600 m west-northwest of the original showing.

In 1987 G.L. Garratt of Mincord Exploration Consultants Ltd. conducted another program of geological mapping and soil sampling on behalf of Beau Pre Explorations Ltd. The program was designed to locate the source of the massive chalcopyrite boulders first noted by Shandler and Decker. A few small weakly mineralized skarn zones were discovered, and several weak copper-in-soil anomalies outlined. The source of the massive chalcopyrite, however, was not located.

4.0 REGIONAL GEOLOGY

The area south of Lake Cowichan between the Cowichan and San Juan Valleys is underlain by rocks of the late Triassic Vancouver Group, the Early to Middle Jurassic Bonanza Group and the coeval Westcoast Crystalline Complex and Island Intrusions. These rocks are part of Wrangellia Terrane.

4.1 VANCOUVER GROUP

The Vancouver Group consists of four formations as listed below.

4.1.1 Karmutsen Formation

The Karmutsen Formation consists of an estimated 2500 m thick (Massey, 1987) sequence of pillowed and massive ferrotholeiitic basalt flows and hyoloclastites with minor shale and limestone interbeds.

4.1.2 Quatsino Formation

The Quatsino Formation is typically composed of massive micritic limestone. Limestone beds and basaltic flows are commonly interbedded at the transition between the Karmutsen and Quatsino Formations. In the area to the north of Frost Lake Massey estimates the Quatsino Formation to be less than 75 metres thick. Muller (1982) notes that the Quatsino Formation is up to a few hundred metres thick in the Harris Creek area.

4.1.3 Parson Bay Formation

Conformably overlying the Quatsino Formation limestone is dark coloured thinly bedded calcareous siltstone of the Parson Bay

Formation (Muller, 1982). Massey estimates this unit to be 35 m thick in the Cowichan Lake area.

4.1.4 Sutton Formation

The Sutton Formation conformably overlies the Parson Bay Formation and is composed of a reefoidal bioclastic limestone up to 100 m thick.

4.2 BONANZA GROUP

Massey (1987) describes the Bonanza Group in this area as "a variety of maroon to green-grey, feldspar-phyric basalt and andesite flows, lapilli and crystal-tuffs, feldspar-hornblende andesite flows, dacite and felsic lapilli tuff, and various minor basalt, andesite and dacite dykes." The thickness of this sequence is estimated to be at least 1000 m.

4.3 ISLAND INTRUSIONS

The Island Intrusions are stocks of medium to coarse-grained granodiorite to quartz diorite with hornblende (10-40%) as the main mafic constituent. They are considered to be coeval with the Bonanza Group volcanics (Massey, 1987).

4.4 WESTCOAST COMPLEX

The Westcoast Complex consists of heterogeneous metamorphosed amphibolitic and marblized country rock (metasediments which may in part be Sicker Group and in part Vancouver Group rocks), diorite, and migmatite (a mixture of the first two). Recent studies by Isachsen (1987) suggest that the dioritic component of the complex was emplaced in Jurassic time, and may be a deeper crustal equivalent of the Island Intrusions and Bonanza Group volcanics.

5.0 ECONOMIC SETTING

Several small skarn-type mineral deposits occur in the region, the most notable being the Alpha-Beta deposit and the now inactive Blue Grouse Mine.

The Alpha-Beta deposit is located on the Robertson River, 6 km ENE of the Frost Lake Property. Karmutsen Formation basalt and Quatsino Formation Limestone have been intruded by granodiorite and diorite dykes. Skarns containing garnet, epidote, pyroxene, chalcopyrite, magnetite and pyrite occur along the flanks of the dykes.

The Blue Grouse Mine, located 17 km NNW of the Frost Lake Property, is a skarn-type deposit hosted in a calcareous unit(s?) (calcareous tuff? limestone?) interlayered with basalt of the Karmutsen Formation. Feldspar porphyry dykes cut the sequence and mineralization occurs along the dyke-limy sediment contacts. Chalcopyrite, pyrrhotite, pyrite and lesser amounts of magnetite and sphalerite occur in ten small tabular sulphide-rich zones in a garnetite gangue. Total production from the Blue Grouse Mine (1954 - 1960) was: 249, 298 tonnes (274, 804 tons) containing 2,508,644 g (80,654 oz) Ag, 218 g (7 oz) Au, and 6,814,623 Kg (15,023,672 lb) Cu. The calculated average grade of this ore is: 0.87 ppb Au, 10 ppm Ag and 2.73% Cu.

The Blue Grouse, Alpha-Beta and Frost Lake Properties all have similar geological environments and are peripheral to the same relatively large granodiorite stock.

6.0 PROPERTY GEOLOGY

The Frost Lake Property is underlain by a generally north-northeast dipping sequence of Karmutsen Formation volcanic rocks overlain by Quatsino Formation micritic limestone, and Parson Bay Formation shale and calcareous mudstone (Figure 3). This sequence has been repeated by faulting (thrust?) in the north part of the property where Parson Bay Formation shale appears to be overlain by Karmutsen Formation basalt.

These rocks have been intruded by medium-grained granodiorite to quartz diorite and diorite stocks, and dacitic (?) feldspar porphyry dykes. It is presumed that all of these intrusive rocks are part of the Jurassic Island Intrusions.

6.1 LITHOLOGY OF THE KARMUTSEN FORMATION

The Karmutsen Formation is made up of interlayered massive fine-grained crystalline basalt, amygdaloidal basalt flows, pillow basalt, volcaniclastics and micritic limestone. The limestone units range in thickness from a few centimetres to several tens of metres. One limestone unit near the southwest corner of the property is fossiliferous (rod-shaped forms up to 0.5 cm in diameter) and marblized. The unit is bounded by a sequence of basalt flows and diorite intrusives. This package of rocks may be part of, or grading into, the Westcoast Complex.

6.2 LITHOLOGY OF THE QUATSINO FORMATION

The Quatsino Formation is predominantly composed of grey-weathering, thickly bedded (1-2 m beds), massive, fine-grained dark grey micritic limestone. One 2 m thick orange-brown-weathering bed of dolomite was observed.

6.3 LITHOLOGY OF THE PARSON BAY FORMATION

This unit is composed of dark grey, soft, friable, thinly bedded calcareous mudstone. In one location rounded recessive weathering calcareous bodies up to a few centimetres in diameter were noted within a distinct horizon. These may be stromatolites.

6.4 LITHOLOGY OF INTRUSIVES

6.4.1 Diorite

True (apparent from hand specimen) diorites are found in the southwest corner of the property and as previously mentioned, may be part of the Westcoast Complex. They are medium-grained equigranular plutonic rocks with 60% ($\pm$) blue-grey plagioclase and 35% hornblende. The 'diorite' previously mapped by Saleken (1977) north-northeast of Frost Lake contains up to 10% glassy quartz and is probably more properly termed a quartz diorite.

6.4.2 Granodiorite - Quartz Diorite

These intrusives form small stocks within the Vancouver Group rocks. They are medium-grained, generally equigranular and composed of 75% ($\pm$) cream-coloured feldspar, 15-25% hornblende and 10-15% quartz.

6.4.3 Dacite

Saleken (1977) has mapped a swarm of northeast-trending, 2-15 m wide, feldspar porphyry dacite dykes north of Frost Lake. They are composed of 5% plagioclase phenocrysts up to 3 mm in length in a fine-grained crystalline equigranular groundmass of hornblende (15-20%) and feldspar (70% - total feldspar ~75%). No quartz was observed but thinsection work would be required to determine a true composition. Saleken shows the dacite dykes

being truncated by the 'diorite' (probably quartz diorite) in the area, but this relationship was not confirmed.

7.0 1988 EXPLORATION PROGRAM (PHASE I)

7.1 WORK COMPLETED

Twenty mandays were spent in the field during the 1988 exploration program. A total of 25 rock samples, 19 standard stream sediment samples, and 19 -20 mesh stream sediment samples for the extraction of heavy mineral concentrates were taken. A small amount of geological mapping was conducted during the sampling program.

7.2 STREAM SEDIMENT GEOCHEMISTRY SURVEY

7.2.1 Stream Sediment Sampling Techniques

Two types of stream sediment samples were collected on the property:

1) ~0.5 kg of the finest-grained material available within the stream channel (i.e. a standard silt sample).

2) 8-10 kg of -20 mesh material collected from as deep into the accumulated sediment as possible (generally 30-60 cm) in a location where heavy minerals tend to collect (i.e. on the upstream ends of bars, insides of bends in the channels, breaks in slope where the velocity and energy of the stream decreases, etc.)

7.2.2 Stream Sediment Sample Preparation

The standard stream sediments are dried and sieved to -80 mesh. This fraction was digested and analysed (in this program Au geochemistry (FA/AA), and 31 element ICP).

The -20 mesh samples were sent to C.F. Mineral Research in Kelowna for processing as follows:

1) -60 mesh fraction separated.
2) Heavy fraction (S.G. >3.27) separated in methylene iodide.
3) -60 +150 and -150 fractions separated.
4) Magnetic, paramagnetic and nonmagnetic fractions separated.
5) Heavy nonmagnetic fractions sent for 27 element neutron activation analyses and subsequently AA analyses for Ag, Cu, Pb, Zn.

7.2.3 Stream Sediment Survey Analytical Results

Gold and copper values (plus other metal values considered anomalous) from the standard stream sediments and each of the -60 +150 and -150 fractions of the heavy nonmagnetic concentrates are shown in Figure 3, and also listed in Table 1.

The gold content in some of the heavy mineral concentrates was spectacularly high, ranging up to 50,000 ppb (FL-HM-14). Because of the diverse weights of the fractions, however, it was found that interpretation of the survey was simplified if gold values in the original -20 mesh samples were calculated (Table 1). This assumes that all gold values in the original -20 mesh samples was contained in the -60 mesh heavy nonmagnetic fraction. Copper values in the -60 mesh heavy nonmagnetic fractions were also calculated.

In addition to specific information gained from the analysis of the concentrates, some conclusions were drawn from the weights of the separate fractions . The heavy (S.G. >3.27) nonmagnetic fractions are presumably composed predominantly of sulphides, with lesser amounts of native metals and metallic oxides, and minor amounts of silicates and carbonates. The weights of the heavy

TABLE 1

FROST LAKE PROPERTY

1988 STREAM SEDIMENT SAMPLING PROGRAM

	Heavy (S.G. > 3.27) Nonmagnetic				Calculated Metal Content		Standard Stream	
	Coarse Fraction (-60 +150 Mesh)		Fine Fraction (-150 Mesh)		Au (ppb)* In Original -20 Mesh	Cu (ppm) in H.N. -60 Mesh	Sediment Sample (-80 Mesh)	
Sample No.	Au (ppb)	Cu (ppm)	Au (ppb)	Cu (ppm)	Sample	Fraction	Au (ppb)	Cu (ppm)
FL - 01	30	1300	210	116	0.01	1164	66	88
FL - 02	2500	34	370	55	4.63	35	<5	118
FL - 03	4200	60	<30	94	5.13	66	<5	106
FL - 04	30	131	190	100	0.02	123	<5	92
FL - 05	1300	22	<30	40	1.63	24	<5	47
FL - 06	80	1600	23000	525	1.26	1187	6	162
FL - 07	3100	500	9700	1550	19.74	522	21	191
FL - 08	<30	425	2800	667	0.23	456	10	111
FL - 09	9000	59	17000	100	12.36	63	5	96
FL - 10	<30	66	640	92	0.12	78	9	92
FL - 11	<30	42	40	252	0.09	44	9	110
FL - 12	<30	44	360	70	0.02	46	<5	45
FL - 13	3200	158	<30	181	1.37	161	<5	114
FL - 14	230	25	50000	64	2.92	25	5	44
FL - 15	13000	328	380	268	5.98	312	7	89
FL - 16	<30	560	340	148	0.09	372	<5	132
FL - 17	12000	33	640	495	3.60	166	8	142
FL - 18	12000	93	30	60	3.56	71	7	119
FL - 19	<30	540	820	48	0.18	445	<5	159

TABLE 2

FROST LAKE PROPERTY

RELATIVE MAGNETITE AND SULPHIDE CONTENT OF -20 MESH STREAM SEDIMENT SAMPLES

Sample No.	Sample Weight In Grams (-20 Mesh)	PERCENTAGE OF TOTAL SAMPLE	
		-60 Mesh Heavy Magnetic (Magnetite)	-60 Mesh Heavy Nonmagnetic (Sulphides, Native Metals, Etc.)
FL-HM 01	7400	0.07	0.02
02	6700	0.13	0.19
03	7400	0.09	0.15
04	7400	0.08	0.03
05	8700	0.10	0.14
06	9000	0.06	0.01
07	8600	0.36	0.61
08	6200	0.07	0.06
09	9300	0.14	0.13
10	7800	0.03	0.04
11	7600	0.06	0.30
12	8400	0.03	0.03
13	8400	0.04	0.05
14	10100	0.36	0.35
15	6500	0.05	0.06
16	6800	0.06	0.05
17	5800	0.09	0.04
18	8900	0.10	0.09
19	4100	0.08	0.09

nonmagnetic fractions are assumed, therefore, to be giving a relative indication of the sulphide content of the rock underlying the drainages.

The heavy magnetic fraction is presumed to be composed predominantly (if not exclusively) of magnetite. Since the target of the exploration program on the property is magnetite-bearing skarn mineralization, the relative magnetite content of the drainages is significant.

Relative sulphide and magnetite contents of the original -20 mesh samples have been calculated using the weights of the -60 mesh heavy nonmagnetic and heavy magnetic fractions respectively (Table 2). These values give only an indication of the relative sulphide and magnetite contents in the original sample because the -20 +60 mesh fraction has been removed.

Calculated gold and copper, and relative percentages of sulphides and magnetite are presented in Figure 4.

The most significant calculated gold-in-stream sediment (-20 mesh) anomalies are located at sample sites FL-HM-07 (19.74 ppb Au) and FL-HM-09 (12.36 ppb Au) on creeks flowing north across Trunk Road 8 (Figure 3 and 4).

FL-HM-07 was collected on a creek draining the area on Trunk Road 8 with boulders of massive magnetite pyrite and chalcopyrite with up to 217 ppb Au and 13.2% Cu. In addition to gold, this stream sediment concentrate contained highly anomalous quantities of copper, magnetite and sulphides. It is the only sample on the property where the four quantities are coincidentally strongly anomalous. Sample FL-HM-08 was collected from the same creek 250 m up stream from FL-HM-07 (above Trunk Road 8). This sample contained only moderately anomalous amounts of copper, suggesting that a gold and copper-bearing magnetite-sulphide

mineralized zone occurs somewhere locally (i.e. the magnetite-chalcopyrite-pyrite boulders are probably near source).

FL-HM-09 was collected on a creek draining an area underlain by faulted Karmutsen Formation basalt and a relatively thick (for the Karmutsen Formation) unit of micritic limestone. No mineralization was noted in the area. The copper content of the sample is low and the sulphide and magnetite contents are only weakly anomalous. It is possible that the source of the gold in the drainage is from mineralization with a different character to that observed up stream from FL-HM-07.

Samples FL-HM-02, 03 and 15 contained weakly anomalous amounts of gold. These samples are from drainages north of Frost Lake underlain by rocks of the Karmutsen, Quatsino and Parson Bay Formations, and quartz diorite and dacite intrusives. Small zones of skarn mineralization occur in the area. No consistent correlation between the slightly elevated gold levels in these samples and their copper, sulphide and magnetite contents is evident.

FL-HM-17 contained a weakly anomalous amount of gold. The drainage from which the sample was taken lies immediately west of FL-HM-09 and is apparently underlain by similar geology.

Sample FL-HM-18 contained weakly anomalous amounts of gold, sulphides and magnetite. The geology of the area is not well understood but the drainage is apparently underlain by Karmutsen Formation basalt and limestone. A sample of a felsic dyke at the end of SP2 road contained 403 ppb Au.

Sample FL-HM-14 was collected on Lens creek near the southwest corner of the Helga 1 Claim. The heavy nonmagnetic -150 mesh (fine) fraction contained 50,000 ppb Au. The calculated gold content of the original sample is, however, only weakly anomalous (2.92 ppb). The relative sulphide and magnetite contents

in the sample are high. Sample FL-HM-12, which was collected on Lens Creek 4.5 km up stream from FL-HM-14, contained non-anomalous amounts of gold, sulphides and magnetite. The few small drainages sampled between sites FL-HM-12 and 14 which enter Lens Creek from the north and west are also not anomalous. The source for the mineralization is, therefore, either underlying the Lens Creek valley or a drainage east and south of Lens Creek, or coming out of the thick banks of glacial outwash material along Lens Creek. If the source of the gold is the glacial material, it is unclear why the glacial deposits up stream from FL-HM-12 would not also contain gold. Followup sampling is required.

Samples FL-HM-01 and FL-HM-06 have significant copper-in-concentrate contents (1164 ppm and 1187 ppm respectively). Sample FL-HM-01 was collected from a drainage underlain by quartz diorite, Karmutsen Formation basalt and Quatsino Formation limestone. Small chalcopyrite-bearing skarns along the flanks of dacite dykes have been observed in the area.

Sample FL-HM-06 was collected from the creek draining Frost Lake. The geology is apparently similar to that of the FL-HM-01 drainage, and many chalcopyrite-bearing skarns are known to occur in the area.

Surprisingly, the copper content of FL-HM-07, which was collected from a drainage with boulders containing up to 13.2% Cu, was only half of either FL-HM-01 or 06. Stronger copper mineralization than that previously observed may, therefore, occur in these two drainages. More prospecting is warranted.

Only two standard stream sediment samples contained significant amounts of gold (Table 1). Sample FL-S-01 contained 66 ppb Au. The heavy mineral concentrate from a sample from this drainage contained very low levels of gold. Conversely, the calculated copper content of the heavy nonmagnetic fraction of the

concentrate contained highly anomalous amounts of copper whereas the copper content of the standard stream sediment was low, even though chalcopyrite-bearing float occurs in the drainage.

Sample FL-S-07 contained 21 ppb Au and 191 ppm Cu, which was the highest copper value of all standard stream sediment samples collected on the property. As previously mentioned, this drainage contains boulders of massive chalcopyrite-pyrite-magnetite. In this instance, the gold and copper contents of both the heavy mineral concentrate and the standard stream sediment sample correspond well.

7.3 MINERALIZATION AND ROCK GEOCHEMISTRY SURVEY

Three basic types of mineralization occur on the property:

1) Skarn-type mineralization has developed in Quatsino Formation limestone along the margins of crosscutting dacite dykes north of Frost Lake. The skarns are up to 5 m wide (generally 1-2 m) and composed of fine to medium-grained brown crystalline garnet (locally garnetite), fine to coarse-grained dark green radiating actinolite crystals and varying amounts of pyrite (locally massive) and chalcopyrite. This material is similar to ore described from the Blue Grouse mine.

   Samples of this type of mineralization (see Appendix III for rock sample descriptions and Figure 3 for sample locations) commonly contain up to 2% copper, very small quantities of gold, and sporadically weakly anomalous amounts of silver, lead and zinc (Figure 3). One grab sample of massive pyrite with 8-10% chalcopyrite (sample 97876) northeast of Frost Lake contained 221 ppb Au.

2) Boulders of massive magnetite, pyrite and chalcopyrite with minor amounts of garnet, actinolite, epidote and quartz occur on and below Trunk Road 8 near the northeast corner of the Helga 1 Claim (Figure 3). A gently northwest (?) - dipping 0.5-1 m wide tabular body of magnetite in Karmutsen Formation basalt(?) occurs in a road cut adjacent to the mineralized float and it is probable that the chalcopyrite-rich material is closely associated with this magnetite occurrence.

   Samples of the mineralized float (samples 24251-24255) contained up to: 13.2% Cu, 217 ppb Au, 23.5 ppm Ag and sporadically anomalous amounts of Co, Rb, W and Zn.

3) The quartz diorite stock north-northeast of Frost Lake contains zones with up to 5% fine to medium-grained disseminated pyrite. Samples of this material (samples 97877, 97879) contained non-anomalous amounts of gold.

In addition to the three types of mineralized rock mentioned above, a grab sample of a felsic dyke at the end of SP2 road (sample 'END SP2') contained 403 ppb Au. No visible mineralization was noted.

8.0 CONCLUSIONS

1) Two types of skarn mineralization occur on the property:
   a) garnet, actinolite, ± chalcopyrite, ± pyrite skarns in Quatsino Formation limestone adjacent to dacite dykes.
   b) massive magnetite, chalcopyrite and pyrite with lesser amounts of garnet, epidote, actinolite and quartz in Karmutsen Formation basalt or possibly calcareous basaltic tuff.

   Type b appears to have the greatest potential to form an economic copper deposit in this area.

2) The massive magnetite-chalcopyrite-pyrite boulders near the creek on Trunk Road 8 and the massive chalcopyrite boulder 550 m to the west northwest (described by Peatfield 1986) lie along a line which parallels the strike of local stratigraphy. It is possible, therefore, that both of these 'type b' occurrences are from the same unit in the volcanic sequence. The soil geochemistry survey conducted by Garratt (1987), however, does not outline any such unit.

3) The fact that sample FL-HM-07 contains anomalous amounts of gold, copper, magnetite and sulphides, and that sample FL-HM-08 does not, suggests that the massive magnetite-chalcopyrite-pyrite float on Trunk Road 8 is from a local source. An occurrence of massive magnetite in the adjacent road cut and a small copper-in-soil anomaly above the road cut tend to support this conclusion.

4) Heavy mineral concentrate analyses have successfully pointed out drainages with known mineralization. A few

drainages with no known mineralization have also been found to be carrying significant amounts of gold (i.e. FL-HM-09).

5) Standard stream sediment samples did not consistently pinpoint drainages with known mineralization. The correlation between analyses of standard stream sediment samples and those of the heavy mineral concentrates is inconsistent. Standard stream sediment sampling is not considered to be a reliable exploration tool.

IN SUMMARY

The Frost Lake Property has some potential to contain an economic copper deposit. The stream sediment samples indicate that the Trunk Road 8 showings area, the drainage south and east of Frost Lake and the FL-HM-01 drainage have the best potential for copper bearing mineralization. Judging from the nature of the mineralization observed, the first two areas should be given priority in future exploration programs.

Potential for an economic gold deposit on the property appears to be low, as indicated by the low gold content of the observed highest-grade mineralization. Stream sediment sample FL-HM-09, however, contained anomalous amounts of gold with little associated copper and as yet an unobserved type of mineralization may occur in this area (possibly associated with felsic dykes as in sample 'END SP2').

9.0 RECOMMENDATIONS

9.1 RECOMMENDED PHASE II WORK PROGRAM

1) Detailed geological mapping of the road cut on Trunk Road 8 near the chalcopyrite-rich float should be conducted to determine the nature and extent of the magnetite (and possibly chalcopyrite) showing.

2) Mapping and prospecting is recommended along the local stratigraphic strike direction from the Trunk Road 8 showings.

3) The 1987 soil survey grid should be expanded both to the NE and SW to cover showings areas and zones of anomalous copper-in-soil.

4) Magnetic and VLF-EM surveys are warranted in the Trunk Road 8 showings area (1987 Beau Pre grid). A limited I.P. survey would also be useful for outlining sulphide bodies.

5) The drainage from which stream sediment sample FL-HM-09 was collected should be prospected for gold mineralization.

6) The felsic dyke sampled with 'END SP2' should be investigated.

7) Mapping and prospecting should be conducted up the creek draining Frost Lake and along 'FL-HM-01 Creek'.

8) The higher metal-in-soil anomalies on the two grids should be investigated.

9) Stream sediment samples for heavy mineral concentrates should be collected from drainages east and south of Lens creek down stream from sample site FL-HM-12 in an attempt to locate the source of the gold found in sample FL-HM-14.

9.2 PROPOSED PHASE II BUDGET

FIELDWORK

Personnel	No.	Days	Rate	Cost	
Project Manager	1	15	250	3,750	
Geophysical Contractor (VLF & EM)	1	10	250	2,500	
Assistant	1	10	150	1,500	
Assistant	1	10	125	1,250	
Total Personnel Cost				9,000	9,000
Food and Accommodation					
45 Mandays @ 60					2,700
Equipment Rental:	No.	Days	Rate	Cost	
Truck	1	15	20	300	
Truck	1	10	90	900	
Radios	2		50/mo	100	
Magnetometer	1	10	35	350	
VLF-EM Receiver	1	10	35	350	
Total Equipment Rental				2000	2,000

Disbursements:

Analyses	No.	Rate	Cost		
Rock	50	22	1100.00		
Au Assays	10	9	90.00		
Cu Assays	10	7	70.00		
Silt (H.M. Con.)	10	150	1500.00		
Soil	200	18	3600.00		
Analyses Costs			6360.00	6,360	
I.P. Survey 4 Km @ 2000				8,000	
Map Blowups				300	
Copies of Maps				50	
Courier Services				100	
Exploration Supplies				200	
Miscellaneous				200	
Disbursements Subtotal				15,210	
Administration (15%)				2,282	
Disbursements Total				17,492	17,491
Fieldwork Subtotal					31,192
Contingency (15%)					4,679
Fieldwork Total					35,871 $35,871

REPORT

Estimated Report Costs	$ 5,000
Estimated Total Project Cost	$40,871

9.3 PROPOSED PHASE II SCHEDULE

ACTIVITY	WEEK 1	2	3	4	5	6	7
Mapping and Prospecting	———	—	—	—	—		
Stream Sediment Sampling	———						
Soil Sampling		———					
Magnetic Survey			———				
VLF-EM Survey					———		
I.P. Survey						———	

9.4 SUMMARY OF RECOMMENDATIONS

On the basis of the results of the Phase I exploration program, the following Phase II program is recommended:

- Mapping and sampling in the showings and geochemical anomaly areas.
- Expanded soil sampling on the 1987 grid.
- Magnetic, VLF-EM and I.P. surveys.
- Expanded stream sediment sample (for heavy mineral concentrate) coverage.

The outlined program is estimated to cost roughly $41,000.

BEAU PRE EXPLORATIONS LTD.

Gordon J. Allen

Victoria, B.C.
December 19, 1988

Gordon J. Allen, P.Geol.

CERTIFICATE

I, Gordon J. Allen, do hereby certify;

1) I am a graduate in geology of the University of British Columbia (B.Sc. 1975).

2) I have practised as a geologist in mineral exploration for thirteen years.

3) I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4) Opinions, conclusions and recommendations contained herein are based on fieldwork conducted by myself between July 30 and November 3, 1988.

5) I am a shareholder of Beau Pre Explorations Limited.

Gordon J. Allen

Victoria, B.C.
December 19, 1988

Gordon J. Allen, P.Geol.

REFERENCES

Garratt, G.L. 1987. Geological and Geochemical Report on the Frost Lake Property; for Beau Pre Explorations Limited, by Mincord Exploration Consultants Ltd.

Grove, E.W. 1985. Geology and Work Proposal on the Beau Pre Explorations Ltd. Frost Lake Property.

Isachsen, C. 1987. Geology, Geochemistry and Cooling History of the Westcoast Crystalline Complex and related rocks, Meares Island and vicinity, Vancouver Island, British Columbia; Canadian Journal of Earth Sciences, Volume 24, pp 2047-2064.

Massey, N. 1987. Geology of the Cowichan Lake Area, NTS 92C/16; Province of British Columbia, Ministry of Energy, Mines and Petroleum Resources, Open File 1987/2.

Muller, J.E. 1977. Geology of Vancouver Island (West Half); GSC Open File 463.

Muller, J.E. 1982. Geology of Nitinat Lake Map Area, British Columbia; GSC Open File 821.

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Saleken, L.W. 1977. Report on Geology, Geochemistry and Magnetics; Conquest-Victor Claims; Western Mines Ltd.

APPENDIX I
LIST OF PERSONNEL AND
STATEMENT OF EXPENDITURES

LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES

PERSONNEL

Gordon Allen		
Project Manager		
39 Days @ 210 (+300 for O.T.)	8,280.00	
Bryan Beaupre		
Assistant		
7 Day @ 85	595.00	
David Wardwell		
Assistant		
2 Days @ 90	180.00	
Zak Cohen		
Assistant		
1 Day @ 50	50.00	
Total Personnel Costs	10,005.00	10,005.00

Equipment Rental

2 Radios 1 1/4 Months @ 100	125.00	
4 x 4 Truck 2 1/4 Months @ 412 + 3 days @ 20	987.00	
	1,112.00	1,112.00

Food and Accommodation

Apartment - 2 Months	580.00	
Motel	30.24	
Meals	150.35	
	760.59	760.59

Disbursements

Analyses:				
Concentrate Prep.	19 @	100.68	1,912.95	
Neutron Activation	38 @	9.92	377.00	
Ag-Cu-Pb-Zn	38 @	6.02	228.75	
Rock (Au+31 EL. ICP)	25 @	22.60	565.00	
Silt (Au+31 EL. ICP)	19 @	19.95	377.15	
			3,460.85	3,460.85
Topographic Map Preparation				3,000.00
Travel				214.10
Gas				352.35
Auto Maintenance				167.32
Exploration Supplies				714.14
Consulting				150.00
Fax				60.00
Courier				126.10
Typing (Report + Rock Sample Descriptions)				260.00
Drafting				268.00
Airphotos and Maps (Including Reproductions)				285.25
Report Reproduction (Est.)				100.00
Miscellaneous (Photocopying, Hydro, Stationery, etc.)				60.93
Disbursements Subtotal				9,219.04
Administration (15%)				1,382.86
Total Disbursements				10,601.90	10,601.90
Total Project Cost					$22,479.49

APPENDIX II
CERTIFICATES OF ANALYSIS AND ASSAY

FROST LAKE, # 393

p. 1

LAB: BONDAR CLEGG + C.F. Min. ANALYTICAL REQUESTS & RECEIPT

Cu Ag Pb Zn

	SAMPLE SERIES	SOURCE	# SPLES	SHIPMENT	DATE OUT	ANALYTIC REQUEST	Au DATE	Au CERT # INV #	ICP/NA DATE	ICP/NA CERT #, INV #	Assays DATE	Assays CERT # INV #	RECHECK DATE	RECHECK CERT #, INV #
R	24251-24256	ROADS	6	393-1	AUG. 2	Au, 31 ICP SOME Cu Pb Zn	AUG. 12	6305.0	AUG. 25	6305.0	AUG. 11	6305.4		
R	HAND SPECIMENS	"	8	"	"	Au ICP	"	"	"	"				
ILT	FL-S-01 TO 05	FRS #1	5	393-2	AUG 9	Au, ICP	AUG. 17	6406.0	AUG. 30	6406.0				
R	24257	"	1	"	"	Au, ICP	"	"	"	"	SEPT. 6	6406.6		
M. ILT	FL-HM-01 TO 05	"	5		AUG. 9	Au, N.A.			SEPT 16	20212			NOV. 7	5392 D
M ILT	FL-HM-06 TO 11	FRS #1 + HELGA 1	6		AUG. 22	Au, N.A.			SEPT 27	10254			NOV. 7	"
ILT	FL-S-06 TO 11		6	393-3	AUG. 22	Au, ICP	SEPT 6	6766.0	SEPT. 15	6766.0				
OCR	24258-24260	HELGA 1	3	"	"	Au, ICP	"	"	"	"				
IM ILT	FL-HM-12 TO 19	HELGA 1	8		SEPT 1	Au, N.A			OCT. 20	10324			NOV. 7	5392 D
ILT	FL-S-12 TO 19	"	8	393-4	"	Au, ICP	SEPT 14	7287.0	SEPT. 22	7287.0				
OCR	24261-24262	"	2	"	"	Au, ICP	"	"	"	"				
OCR	97876-97880		5		NOV. 7	Au, ICP	NOV. 21	9736.0	NOV. 24	9736.0	Cu-ASSAY DEC. 1	9736.6		

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Geochemical Lab Report

REPORT: V88-06305.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-1

CLIENT: BEAU PRE EXPLORATIONS LTD.

SUBMITTED BY: GORDON ALLEN

PROJECT: 393

DATE PRINTED: 25-AUG-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	14	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	14	0.2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	B	Boron	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Ba	Barium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Be	Beryllium	14	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Bi	Bismuth	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Cd	Cadmium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ce	Cerium	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Co	Cobalt	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Cr	Chromium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Cu	Copper	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
13	Ga	Gallium	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
14	La	Lanthanum	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
15	Li	Lithium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Mo	Molybdenum	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Nb	Niobium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
18	Ni	Nickel	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
19	Pb	Lead	14	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
20	Rb	Rubidium	14	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
21	Sb	Antimony	14	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
22	Sc	Scandium	14	1.0 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
23	Sn	Tin	14	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
24	Sr	Strontium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
25	Ta	Tantalum	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
26	Te	Tellurium	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
27	Tl	Thallium	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
28	V	Vanadium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
29	W	Tungsten	14	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
30	Y	Yttrium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
31	Zn	Zinc	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
32	Zr	Zirconium	14	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

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SUBMITTED BY: GORDON ALLEN

PROJECT: 393

DATE PRINTED: 25-AUG-88

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	14	2 -150	14	ASSAY PREP	4
				CRUSH,PULVERIZE -150	10
				BATCH SURCHARGE	14
				FAX CHARGE	1

REMARKS: SOME DETECTION LIMITS ARE ELEVATED AND RESULTS ARE SEMI-QUANTITATIVE DUE TO HIGH CU.

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM
R2 24251		36	3.4	<50	<2	41	<4.0	8	1	<5	60	31
R2 24252		9	<0.5	<50	<2	48	<4.0	<5	2	8	15	70
R2 24253		217	19.3	<50	<2	37	<4.0	<5	5	<5	872	66
R2 24254		140	23.5	<50	<2	11	<4.0	<5	2	<5	415	6
R2 24255		118	21.5	<50	<2	5	<4.0	<5	3	<5	301	20
R2 24256		<5	13.8	<50	<2	13	<4.0	23	8	5	59	20
R2 BR 150W 14.5N		<5	<0.5	<50	<2	7	<4.0	<5	2	71	9	93
R2 BR 150WL 14.5N		6	1.5	<50	<2	926	<4.0	<5	<1	12	15	37
R2 END SP-2		403	2.1	<50	<2	912	<4.0	<5	<1	12	16	49
R2 OW 8+25N "A"		277	1.6	<50	<2	96	<4.0	<5	<1	6	30	176
R2 OW 8+25N "B"		14	1.4	<50	<2	63	<4.0	<5	<1	7	16	82
R2 SP-2		9	1.6	<50	<2	19	<4.0	<5	<1	8	39	59
R2 SP-140 "A"		5	1.4	<50	<2	49	<4.0	<5	<1	<5	41	208
R2 SP-140 "B"		6	0.8	<50	<2	32	<4.0	<5	<1	6	11	63

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM
R2 24251		15352	<2	<1	<1	<5	1	39	15	<50	<5	2.0
R2 24252		1998	<2	<1	<1	<5	<1	4	14	<50	<5	2.0
R2 24253		>20000	<2	<1	<1	<5	6	12	<10	123	<5	2.0
R2 24254		>20000	4	<1	<1	<5	9	129	10	72	<5	3.0
R2 24255		>20000	4	<1	<1	<5	8	199	<10	<50	<5	3.0
R2 24256		>20000	5	<1	1	<5	3	17	<10	<50	<5	2.0
R2 BR 150W 14.5M		1914	38	<1	2	<5	<1	4	<10	<50	<5	3.0
R2 BR 150WL 14.5M		1206	9	3	2	<5	2	4	<10	<50	<5	3.0
R2 END SP-2		955	9	3	3	<5	2	8	10	<50	<5	3.0
R2 DW 8+25N "A"		1016	11	<1	4	<5	3	100	<10	<50	<5	4.0
R2 DW 8+25N "B"		861	9	1	3	<5	2	47	<10	<50	<5	2.0
R2 SP-2		1552	8	<1	3	<5	3	61	<10	58	<5	4.0
R2 SP-140 "A"		652	7	<1	9	<5	3	292	<10	60	<5	2.0
R2 SP-140 "B"		812	8	<1	2	<5	1	23	<10	<50	<5	1.0

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REPORT: V88-06305.0 | PROJECT: 393 | PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sr PPM	Ta PPM	Te PPM	Tl PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
R2 24251		<30	20	<10	<20	<20	9	<10	2	65	<1
R2 24252		<30	<1	<10	<20	<20	12	<10	5	49	<1
R2 24253		<30	4	<10	<20	<20	<1	21	2	<152	<1
R2 24254		<30	4	<10	<20	<20	<1	56	1	<376	<1
R2 24255		<30	4	<10	<20	<20	<1	48	1	<352	<1
R2 24256		<30	15	<10	<20	<20	3	<10	3	1123	<1
R2 BR 150W 14.5N		<30	<1	<10	<20	<20	<1	15	3	53	<1
R2 BR 150W 14.5N		<30	52	<10	<20	<20	43	<10	9	72	3
R2 END SP-2		<30	57	<10	<20	<20	52	<10	10	64	.5
R2 OW 8+25N "A"		<30	29	<10	<20	<20	98	<10	7	84	9
R2 OW 8+25N "B"		<30	19	<10	<20	<20	45	<10	6	41	17
R2 SP-2		<30	14	<10	<20	<20	111	<10	10	76	18
R2 SP-140 "A"		36	79	<10	<20	<20	39	<10	8	58	6
R2 SP-140 "B"		<30	27	<10	<20	<20	10	<10	5	107	3

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Certificate of Analysis

REPORT: V88-06305.4 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-1

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: GORDON ALLEN
DATE PRINTED: 10-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	4	0.01 PCT		Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	4	ASSAY PREP	4

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REPORT: V88-06305.4 | PROJECT: 393 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 24253		8.95
R2 24254		13.20
R2 24255		12.00
R2 24256		2.33

Aug. 17/88

REPORT: V88-01646.0 PROJECT: 393 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G
T1 FL-S-01		66	5.0	
T1 FL-S-02		<5	3.0	7.0
T1 FL-S-03		<5	10.0	
T1 FL-S-04		<5		10.0
T1 FL-S-05		<5		10.0
R2 #24257		46	30.0	

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Geochemical Lab Report

REPORT: V88-06406.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-2

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: G. ALLEN
DATE PRINTED: 30-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	6	0.2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
2	As	Arsenic	6	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	B	Boron	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Ba	Barium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Be	Beryllium	6	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Bi	Bismuth	6	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cd	Cadmium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Ce	Cerium	6	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Co	Cobalt	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Cr	Chromium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Cu	Copper	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Ga	Gallium	6	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
13	La	Lanthanum	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
14	Li	Lithium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
15	Mo	Molybdenum	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Nb	Niobium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Ni	Nickel	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
18	Pb	Lead	6	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
19	Rb	Rubidium	6	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
20	Sb	Antimony	6	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
21	Sc	Scandium	6	1.0 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
22	Sn	Tin	6	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
23	Sr	Strontium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
24	Ta	Tantalum	6	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
25	Te	Tellurium	6	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
26	Tl	Thallium	6	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
27	V	Vanadium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
28	W	Tungsten	6	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
29	Y	Yttrium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
30	Zn	Zinc	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
31	Zr	Zirconium	6	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
32	Au 30g	Gold 30 grams	6	5 PPB	FIRE-ASSAY	Fire Assay AA
33	Au/wt	Sample weight/grams	4	0.1 G		
34	Au/wt	-20 Au Sample Weight	3	0.1 G		

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Geochemical Lab Report

REPORT: V88-06406.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-2

...IENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: G. ALLEN
DATE PRINTED: 30-AUG-88

SAMPLE TYPES		NUMBER	SIZE FRACTIONS		NUMBER	SAMPLE PREPARATIONS	NUMBER
I	STREAM SEDIMENT,SILT	5	1	-80	5	DRY, STEVE -80	5
R	ROCK OR BED ROCK	1	2	-150	1	CRUSH,PULVERIZE -150	1
						BATCH SURCHARGE	6
						FAX CHARGE	1

REMARKS: ASSAY OF HIGH Cu TO FOLLOW ON REPORT
V88-06406.6

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Geochemical Lab Report

REPORT: V88-06406.0 | PROJECT: 393 | PAGE 1A

MPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM	Ga PPM
FL-S-01		<0.5	<50	10	68	<4.0	<5	<1	13	15	34	88	13
FL-S-02		<0.5	<50	14	72	<4.0	<5	<1	18	17	50	118	9
FL-S-03		<0.5	<50	13	70	<4.0	<5	<1	10	20	69	106	13
FL-S-04		1.4	<50	4	112	<4.0	<5	2	16	19	34	92	9
FL-S-05		1.3	<50	<2	116	<4.0	<5	<1	13	11	25	47	10
FL24257		3.8	<50	<2	30	<4.0	18	4	6	17	21	>20000	8

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REPORT: V88-06406.0 | PROJECT: 393 | PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM	Sr PPM	Ta PPM
FL-S-01		6	4	<5	<1	26	11	336	<5	7.0	<30	51	<10
FL-S-02		9	5	<5	<1	38	14	300	<5	6.0	<30	39	<10
FL-S-03		5	5	<5	<1	58	13	312	<5	8.0	<30	40	<10
FL-S-04		6	6	<5	3	38	10	<50	<5	6.0	<30	44	<10
FL-S-05		5	5	<5	3	18	<10	<50	<5	5.0	<30	32	<10
FL24257		<1	<1	<5	<1	2	<10	<50	<5	2.0	<30	<1	<10

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REPORT: V88-06406.0 | PROJECT: 393 | PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Tl PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM	Au 30g PPB	Au/wt G	Au/wt G
1	FL-S-01	<20	<20	110	<10	9	65	4	66	5.0	
T1	FL-S-02	<20	<20	88	<10	14	122	1	<5	3.0	7.0
1	FL-S-03	<20	<20	114	<10	9	76	4	<5	10.0	
1	FL-S-04	<20	<20	87	<10	13	243	<1	<5		10.0
T1	FL-S-05	<20	<20	98	<10	9	51	<1	<5		10.0
2	FL 24257	<20	<20	1	12	4	<240	<1	46	30.0	

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REPORT: V88-06406.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-2

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: G. ALLEN
DATE PRINTED: 2-SEP-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	1	0.01 PCT		Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	AS RECEIVED, NO SP	1

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REPORT: V88-06406.6

PROJECT: 393 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 FL24257		2.03

EPORT: V88-06766.0 PROJECT: 393 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G
:1 FL-S 06		6	4.0	6.0
T1 FL-S 07		21	26.0	
1 FL-S 08		10	9.0	
.1 FL-S 09		5	17.0	
T1 FL-S 10		9	14.0	
1 FL-S 11		9	4.0	6.0
R2 24258		6	30.0	
"2 24259		6	30.0	
:2 24260		<5	30.0	

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REPORT: V88-R6766.0 PROJECT: 393 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM
T1 FL-S 06		6	4.0	6.0	0.6	<50	<2	73	<4.0	<5	<1	8	17
FL-S 07		21	28.0		0.5	<50	<2	47	<4.0	<5	<1	7	13
FL-S 08		10	9.0		0.6	<50	<2	51	<4.0	<5	<1	10	15
T1 FL-S 09		5	17.0		0.7	<50	<2	92	<4.0	<5	<1	13	18
T1 FL-S 10		9	14.0		0.7	<50	<2	112	<4.0	<5	<1	13	12
T1 FL-S 11		9	4.0	6.0	0.6	<50	<2	26	<4.0	<5	<1	6	18
R2 24258		6	30.0		1.7	<50	<2	262	<4.0	<5	<1	<5	13
2 24259		6	30.0		0.8	<50	<2	30	<4.0	<5	<1	6	18
2 24260		<5	30.0		0.5	<50	<2	10	<4.0	<5	1	<5	32

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PORT: V88-06766.0 PROJECT: 393 PAGE 1R

SAMPLE NUMBER	ELEMENT UNITS	Cr PPM	Cu PPM	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM
1 FL-S 06		45	162	8	2	6	<5	2	36	<10	<50	<5	7.0
1 FL-S 07		25	191	7	2	5	<5	2	20	<10	<50	<5	5.0
1 FL-S 08		38	111	7	3	7	<5	2	29	<10	<50	<5	7.0
1 FL-S 09		58	96	8	4	9	<5	2	41	<10	<50	<5	10.0
1 FL-S 10		35	92	8	6	8	<5	3	32	11	<50	<5	11.0
1 FL-S 11		34	110	8	<1	7	<5	2	38	<10	<50	<5	4.0
R2 24258		8	3208	4	<1	<1	<5	<1	26	<10	<50	<5	1.0
2 24259		64	162	15	2	4	<5	1	34	<10	<50	<5	5.0
2 24260		6	65	6	<1	<1	<5	<1	9	<10	<50	<5	2.0

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REPORT: V88-06766.0 PROJECT: 393 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sr PPM	Ta PPM	Te PPM	Tl PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
T1 FL-S 06		<30	27	<10	<20	<20	96	<10	6	54	15
T1 FL-S 07		<30	23	<10	<20	<20	80	<10	5	72	10
T1 FL-S 08		<30	24	<10	<20	<20	79	<10	9	46	10
T1 FL-S 09		<30	26	<10	<20	<20	96	<10	11	55	13
T1 FL-S 10		<30	32	<10	<20	<20	81	<10	16	46	10
T1 FL-S 11		<30	21	<10	<20	<20	75	<10	5	40	7
R2 24258		<30	13	<10	<20	<20	46	<10	2	6	<1
R2 24259		<30	12	<10	<20	<20	119	<10	7	38	8
R2 24260		<30	<1	<10	<20	<20	16	<10	3	16	1

EPORT: V88-07287.0 PROJECT: 393 PAGE 1

AMPLE UMBER	ELEMENT UNITS	Au PPB
1 L-S-12		<5
1 FL-S-13		<5
1 FL-S-14		5
1 L-S-15		7
1 FL-S-16		<5
1 -S-17		8
1 FL-S-18		7
. FL-S-19		<5
? 261		<5
! 262		<5

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Geochemical Lab Report

REPORT: V88-07287.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-4

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: MR. G. ALLEN
DATE PRINTED: 22-SEP-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	10	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	10	0.2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	B	Boron	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Ba	Barium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Be	Beryllium	10	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Bi	Bismuth	10	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Cd	Cadmium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ce	Cerium	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Co	Cobalt	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Cr	Chromium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Cu	Copper	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
13	Ga	Gallium	10	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
14	La	Lanthanum	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
15	Li	Lithium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Mo	Molybdenum	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Nb	Niobium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
18	Ni	Nickel	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
19	Pb	Lead	10	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
20	Rb	Rubidium	10	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
21	Sb	Antimony	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
22	Sc	Scandium	10	1.0 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
23	Sn	Tin	10	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
24	Sr	Strontium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
25	Ta	Tantalum	10	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
26	Te	Tellurium	10	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
27	Tl	Thallium	10	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
28	V	Vanadium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
29	W	Tungsten	10	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
30	Y	Yttrium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
31	Zn	Zinc	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
32	Zr	Zirconium	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

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REPORT: V88-07287.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #393-4

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: 393

SUBMITTED BY: MR. G. ALLEN
DATE PRINTED: 22-SEP-88

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SEDIMENT,SILT	8	1 -80	8	DRY, SIEVE -80	8
R ROCK OR BED ROCK	2	2 -150	2	CRUSH,PULVERIZE -150	2
				BATCH SURCHARGE	10
				FAX CHARGE	1

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Geochemical Lab Report

REPORT: V88-07287.0 | PROJECT: 393 | PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	B PPM	Be PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM
T1 FL-S-12		<5	0.8	<50	<2	42	<4.0	<5	<1	8	16	36
T1 FL-S-13		<5	0.9	<50	<2	99	<4.0	<5	2	13	22	59
T1 FL-S-14		5	0.6	<50	<2	49	<4.0	<5	<1	8	11	24
T1 FL-S-15		7	1.1	<50	<2	82	<4.0	<5	1	15	18	53
T1 FL-S-16		<5	1.2	<50	<2	119	<4.0	<5	3	16	20	54
T1 FL-S-17		8	1.2	<50	<2	47	<4.0	<5	<1	18	21	96
T1 FL-S-18		7	0.8	<50	<2	79	<4.0	<5	<1	16	22	43
T1 FL-S-19		<5	0.8	<50	3	73	<4.0	<5	<1	8	22	40
R2 24261		<5	2.0	<50	<2	77	<4.0	<5	<1	5	12	21
R2 24262		<5	<0.5	<50	<2	42	<4.0	<5	5	<5	12	31

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Geochemical Lab Report

REPORT: V88-07287.0 | PROJECT: 393 | PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM
T1 FL-S-12		45	10	4	14	<5	3	30	17	<50	<5	7.0
T1 FL-S-13		114	12	5	9	<5	4	51	14	<50	<5	9.0
T1 FL-S-14		44	9	3	7	<5	2	18	<10	<50	<5	4.0
T1 FL-S-15		89	13	7	14	<5	4	45	13	<50	<5	10.0
T1 FL-S-16		132	13	8	11	<5	4	94	16	<50	<5	10.0
T1 FL-S-17		142	10	10	9	<5	4	91	10	<50	<5	17.0
T1 FL-S-18		119	12	6	9	<5	4	39	11	<50	<5	10.0
T1 FL-S-19		159	11	3	8	<5	3	37	<10	<50	<5	4.0
R2 24261		3791	7	<1	<1	<5	2	13	<10	<50	<5	1.0
R2 24262		415	3	<1	2	<5	<1	7	<10	<50	<5	<1.0

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Geochemical Lab Report

REPORT: V88-07787.0 | PROJECT: 393 | PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sr PPM	Ta PPM	Te PPM	Ti PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
T1 FL-S-12		<30	12	<10	<20	<20	89	<10	6	93	6
T1 FL-S-13		<30	36	<10	<20	<20	108	<10	11	95	11
T1 FL-S-14		<30	22	<10	<20	<20	66	<10	6	49	5
T1 FL-S-15		31	44	<10	<20	<20	97	<10	12	149	7
T1 FL-S-16		<30	51	<10	<20	<20	97	<10	15	217	9
T1 FL-S-17		<30	47	<10	<20	<20	73	<10	23	54	18
T1 FL-S-18		<30	31	<10	<20	<20	106	<10	12	70	12
T1 FL-S-19		<30	38	<10	<20	<20	92	<10	6	33	6
R2 24261		<30	5	<10	<20	<20	47	<10	4	17	<1
R2 24262		<30	<1	<10	<20	<20	<1	<10	2	695	<1

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GORDON J. ALLEN
29/08/88

C.F.M. 88-620

HEAVY FRACTIONS S.G. > 3.27

SAMPLE NO.		ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	
FL-HM01		7.400			
FL-HM01			-60+150HM	4.52	HM = 20.3%
FL-HM01	MAGNETITE= 0.07%		-60+150HP	16.72	HN = 5.0%
FL-HM01	SULPHIDES= 0.12%		-60+150HN	1.17	
FL-HM01			-150HM	0.84	
FL-HM01			-150HP	3.07	
FL-HM01			-150HN	0.15	
				26.47	
FL-HM02	MAGNETITE - 0.15%	6.700			
FL-HM02	SULPHIDE - 0.19%		-60+150HM	7.07	HM = 22.4%
FL-HM02			-60+150HP	13.46	
FL-HM02			-60+150HN	12.32	HN = 33.0%
FL-HM02			-150HM	1.81	
FL-HM02			-150HP	4.21	
FL-HM02			-150HN	0.74	
				39.61	
FL-HM03	MAGNETITE - 0.09%	7.400			
FL-HM03			-60+150HM	4.95	HM = 9.8%
FL-HM03	SULPHIDE - 0.15%		-60+150HP	41.35	
FL-HM03			-60+150HN	9.05	HN = 15.8%
FL-HM03			-150HM	1.96	
FL-HM03			-150HP	11.13	
FL-HM03			-150HN	2.06	
				70.50	
FL-HM04		7.400			
FL-HM04	MT - 0.08%		-60+150HM	4.91	HM = 14.1%
FL-HM04	SULPHIDES- 0.03%		-60+150HP	28.78	HN = 5.0%
FL-HM04			-60+150HN	1.59	
FL-HM04			-150HM	1.13	
FL-HM04			-150HP	5.92	
FL-HM04			-150HN	0.57	
				42.90	
FL-HM05		8.700			
FL-HM05	MT - 0.10%		-60+150HM	6.81	HM = 21.9%
FL-HM05	SULPHIDES- 0.14%		-60+150HP	14.56	HN = 32.3%
FL-HM05			-60+150HN	10.86	
FL-HM05			-150HM	1.52	
FL-HM05			-150HP	2.91	
FL-HM05			-150HN	1.43	38.09

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C.F.M. 88-626

PROJECT:
GORDON J. ALLEN
08/09/88

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	
FL-HM-06	9.000			
FL-HM-06		-60+150HM	4.08	HM= 13.2
FL-HM-06		-60+150HP	28.59	
FL-HM-06		-60+150HN	0.82	HN= 32.0
FL-HM-06		-150HM	1.22	
FL-HM-06		-150HP	4.90	
FL-HM-06		-150HN	0.45	
			40.06	
FL-HM-07	8.600			
FL-HM-07		-60+150HM	25.43	HM= 27.2
FL-HM-07		-60+150HP	22.89	
FL-HM-07		-60+150HN	51.38	HN= 45.5
FL-HM-07		-150HM	5.89	
FL-HM-07		-150HP	8.60	
FL-HM-07		-150HN	1.03	
			115.22	
FL-HM-08	6.200			
FL-HM-08		-60+150HM	3.33	
FL-HM-08		-60+150HP	26.41	HM= 10.6
FL-HM-08		-60+150HN	3.12	HN= 8.5
FL-HM-08		-150HM	1.09	
FL-HM-08		-150HP	7.43	
FL-HM-08		-150HN	0.41	
			41.79	
FL-HM-09	9.300			
FL-HM-09		-60+150HM	9.49	
FL-HM-09		-60+150HP	21.14	HM= 23.0
FL-HM-09		-60+150HN	10.82	HN= 21.5
FL-HM-09		-150HM	3.21	
FL-HM-09		-150HP	9.47	
FL-HM-09		-150HN	1.02	
			55.15	
FL-HM-10	7.800			
FL-HM-10		-60+150HM	1.67	HM= 7.5
FL-HM-10		-60+150HP	20.12	
FL-HM-10		-60+150HN	1.69	HN= 9.2
FL-HM-10		-150HM	0.82	
FL-HM-10		-150HP	7.53	
FL-HM-10		-150HN	1.37	
			33.20	

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BEAUX PRE EXPLORATION LTD.
PROJECT:
GORDON J. ALLEN
08/09/88

C.F.M. 88-626

SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	
FL-HM-11	7.600			
FL-HM-11		-60+150HM	3.92	HM = 11.7%
FL-HM-11		-60+150HP	7.91	
FL-HM-11		-60+150HN	22.46	HN = 54.6%
FL-HM-11		-150HM	0.91	
FL-HM-11		-150HP	6.09	
FL-HM-11		-150HN	0.16	
			41.45	

ALL SAMPLES HAVE BEEN UV LIGHT EXAMINED - NO SCHEELITE GRAINS WERE FOUND.

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BEAU PRE EXPLORATIONS
PROJECT:
G. ALLEN
04/10/88

C.F.M. 88-635

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	
FL-HM-12	8.400			
FL-HM-12		-60+150HM	2.15	HM = 12.4 %
FL-HM-12		-60+150HP	14.00	HN = 13.1 %
FL-HM-12		-60+150HN	2.59	
FL-HM-12		-150HM	0.57	
FL-HM-12		-150HP	2.40	
FL-HM-12		-150HN	0.28	
			21.99	
FL-HM-13	8.400			
FL-HM-13		-60+150HM	3.10	HM = 12.4 %
FL-HM-13		-60+150HP	18.66	HN = 14.5 %
FL-HM-13		-60+150HN	3.61	
FL-HM-13		-150HM	0.54	
FL-HM-13		-150HP	2.70	
FL-HM-13		-150HN	0.64	
			29.25	
FL-HM-14	10.100			
FL-HM-14		-60+150HM	35.08	HM = 19.6 %
FL-HM-14		-60+150HP	105.76	HN = 19.2 %
FL-HM-14		-60+150HN	34.26	
FL-HM-14		-150HM	0.81	
FL-HM-14		-150HP	6.47	
FL-HM-14		-150HN	0.82	
			183.20	
FL-HM-15	6.500			
FL-HM-15		-60+150HM	2.31	HM = 14.5 %
FL-HM-15		-60+150HP	11.07	HN = 16.8 %
FL-HM-15		-60+150HN	2.95	
FL-HM-15		-150HM	0.86	
FL-HM-15		-150HP	3.53	
FL-HM-15		-150HN	1.16	
			21.88	
FL-HM-16	6.800			
FL-HM-16		-60+150HM	3.21	HM = 11.2 %
FL-HM-16		-60+150HP	22.52	HN = 10.1 %
FL-HM-16		-60+150HN	1.39	
FL-HM-16		-150HM	0.72	
FL-HM-16		-150HP	5.11	
FL-HM-16		-150HN	1.64	
			35.09	

BEAU PRE EXPLORATIONS C.F.M. 88-635

G. ALLEN
04/10/88

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)	
FL-HM-17	5.800			
FL-HM-17		-60+150HM	4.51	HM = 15.7
FL-HM-17		-60+150HP	21.20	
FL-HM-17		-60+150HN	1.69	HN = 7.1
FL-HM-17		-150HM	0.86	
FL-HM-17		-150HP	5.18	
FL-HM-17		-150HN	0.73	
			34.17	
FL-HM-18	8.900			
FL-HM-18		-60+150HM	4.85	HM = 13.9
FL-HM-18		-60+150HP	35.19	
FL-HM-18		-60+150HN	2.60	HN = 12.7
FL-HM-18		-150HM	3.95	
FL-HM-18		-150HP	11.81	
FL-HM-18		-150HN	5.53	
			63.93	
FL-HM-19	4.100			
FL-HM-19		-60+150HM	2.57	HM = 6.6
FL-HM-19		-60+150HP	37.43	
FL-HM-19		-60+150HN	2.98	HN = 7.4
FL-HM-19		-150HM	0.81	
FL-HM-19		-150HP	6.47	
FL-HM-19		-150HN	0.82	
			51.08	

ALL SAMPLES HAVE BEEN UV LIGHT EXAMINED - NO SCHEELITE GRAINS WERE FOUND.

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BEAU PRE EXPLORATIONS LTD.
PROJECT:FL-HM
GORDON J. ALLEN
29/08/88

C.F.M. 88-620

CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
209L	FL-HM01	-150HN	0.151
210L	FL-HM02	-150HN	0.735
211L	FL-HM03	-150HN	2.022
212L	FL-HM04	-150HN	0.539
213L	FL-HM05	-150HN	1.374

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BEAU PRE EXPLORATIONS LTD.
PROJECT:FL-HM
GORDON J. ALLEN
29/08/88

C.F.M. 88-620

CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
204L	FL-HM01	-60+150HN	1.159
205L	FL-HM02	-60+150HN	12.296
206L	FL-HM03	-60+150HN	9.032
207L	FL-HM04	-60+150HN	1.598
208L	FL-HM05	-60+150HN	10.853

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BEAUX PRE EXPLORATION LTD.
PROJECT:
GORDON J. ALLEN
08/09/88

C.F.M. 88-626

CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
292L	FL-HM-06	-60+150HN	0.803
293L	FL-HM-07	-60+150HN	51.261
294L	FL-HM-08	-60+150HN	3.111
295L	FL-HM-09	-60+150HN	10.799
296L	FL-HM-10	-60+150HN	1.702
297L	FL-HM-11	-60+150HN	22.424
298L	FL-HM-06	-150HN	0.492
299L	FL-HM-07	-150HN	1.117
300L	FL-HM-08	-150HN	0.465
301L	FL-HM-09	-150HN	1.047
302L	FL-HM-10	-150HN	1.377
303L	FL-HM-11	-150HN	0.171

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BEAU PRE EXPLORATIONS
PROJECT:
G. ALLEN
06/10/88

C.F.M. 88-635

CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
1R	FL-HM-12	-60+150HN	2.629
2R	FL-HM-13	-60+150HN	3.603
3R	FL-HM-14	-60+150HN	34.295
4R	FL-HM-15	-60+150HN	2.958
5R	FL-HM-16	-60+150HN	1.910
6R	FL-HM-17	-60+150HN	1.702
7R	FL-HM-18	-60+150HN	2.628
8R	FL-HM-19	-60+150HN	3.014

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BEAU PRE EXPLORATIONS

C.F.M. 88-635

PROJECT:
G. ALLEN
06/10/88

CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
9R	FL-HM-12	-150HN	0.243
10R	FL-HM-13	-150HN	0.620
11R	FL-HM-14	-150HN	0.433
12R	FL-HM-15	-150HN	1.123
13R	FL-HM-16	-150HN	1.596
14R	FL-HM-17	-150HN	0.687
15R	FL-HM-18	-150HN	5.442
16R	FL-HM-19	-150HN	0.792

BEAU PRE EXPLORATIONS LTD. C.F.M. 88-620

GORDON J. ALLEN
26/08/88

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)

ALL SAMPLES HAVE BEEN UV LIGHT EXAMINED - NO SCHEELITE GRAINS WERE FOUND.

NUCLEAR ACTIVATION SERVICES LIMITED

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

PHONE (416) 522-5666 TELEX 06-986947

Certificate of Analysis

To: BEAU PRE EXPLORATIONS
ATTN: GORDON J. ALLEN
1027 PANDORA AVENUE
VICTORIA, BRITISH COLUMBIA
V8V 3P6

Client # 714/01/01

Date Submitted
09-SEP-88

Report: 10254

File number: 12000

12 PREPARED SAMPLES CUST. REF# C.F.M. 88-626

were analyzed as follows:

elements	detection limit	units	method	elements	detection limit	units	method
G	5.0000	PPM	INAA	SE	20.0000	PPM	INAA
AS	2.0000	PPM	INAA	TA	1.0000	PPM	INAA
AU	30.0000	PPB	INAA	TH	0.5000	PPM	INAA
Ba	200.0000	PPM	INAA	U	0.5000	PPM	INAA
Ca	1.0000	%	INAA	W	10.0000	PPM	INAA
CO	5.0000	PPM	INAA	ZN	200.0000	PPM	INAA
R	10.0000	PPM	INAA	LA	1.0000	PPM	INAA
E	0.0200	%	INAA	CE	3.0000	PPM	INAA
HF	1.0000	PPM	INAA	SM	0.1000	PPM	INAA
O	20.0000	PPM	INAA	EU	0.2000	PPM	INAA
A	0.0500	%	INAA	YB	0.2000	PPM	INAA
NI	200.0000	PPM	INAA	LU	0.0500	PPM	INAA
SB	0.2000	PPM	INAA	IR	50.0000	PPB	INAA
C	0.1000	PPM	INAA				

DATE 27-SEP-88

NUCLEAR ACTIVATION SERVICES

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: 16-SEP-88 REPORT: 10212 FILE NUMBER: 11965 PAGE: 1

		SAMPLE NUMBERS					
		FL HM-01 COARSE	FL HM-02 COARSE	FL HM-03 COARSE	FL HM-04 COARSE	FL HM-05 COARSE	FL HM-0 FINE
ELEMENT		204L FL-HM#	*205L FL-HM#	*206L FL-HM#	*207L FL-HM#	*208L FL-HM#	*209L FL
UNITS		01-60 +150 H#	*02-60 +150 H#	*03-60 +150 H#	*04-60 +150 H#	*05-60 +150 H#	*HM0 1-15 0#
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	50	31	9	24	9	27
AU	PPB	30	2500	4200	30	1300	210
BA	PPM	1700	<200	<200	<200	<200	1700
CA	%	3.3	<1	2.6	5.6	3.1	2.3
CO	PPM	130	11	20	35	9	49
CR	PPM	300	130	230	730	130	190
FE	%	13.6	12.1	8.26	14.0	10.3	5.47
HF	PPM	15	1	2	16	2	160
MO	PPM	<20	<20	<20	<20	<20	<20
NA	%	0.69	0.14	0.11	0.47	0.14	2.7
NI	PPM	<400	<200	<200	<300	<200	<400
SB	PPM	2.5	0.9	0.8	2.0	1.0	0.7
SC	PPM	108	31.7	43.2	111	28.4	33.3
SE	PPM	<20	<20	<20	20	<20	230
TA	PPM	2	<1	<1	<2	<1	<3
TH	PPM	3.9	1.0	1.1	3.6	1.3	11
U	PPM	2.6	<0.7	1.9	1.9	1.1	10.3
W	PPM	<10	<10	<10	10	<10	<10
ZN	PPM	<200	<200	<200	<200	<200	<200
LA	PPM	35	33	13	30	47	41
CE	PPM	56	59	24	77	57	84
SM	PPM	7.8	4.8	2.9	8.5	5.1	7.2
EU	PPM	2.6	2.2	2.5	3.1	3.2	2.3
YB	PPM	5.2	2.1	2.4	5.5	1.9	15.8
LU	PPM	0.83	0.33	0.34	0.81	0.30	2.14
TR	PPB	<50	<50	<50	<50	<50	<50

ELEMENT	UNITS	SAMPLE NUMBERS FL-HM-02 FINE 21 0L FL-HMD 2-15 0HN	FL-HM-03 FINE 21 1L FL-HMD 3-15 0HN	FL-HM-04 FINE 21 2L FL-HMD 4-15 0HN	FL-HM-05 FINE 21 3L FL-HMD 5-15 0HN
AG	PPM	<5	<5	<5	<5
AS	PPM	38	19	29	24
AU	PPB	370	<30	190	<30
BA	PPM	<900	<200	1000	<200
CA	%	30	50	<1	74
CO	PPM	37	31	43	29
CR	PPM	530	420	610	320
FE	%	5.65	10.8	10.8	20.4
HF	PPM	240	44	230	23
MO	PPM	<20	<20	<20	<20
NA	%	3.6	0.98	4.6	0.83
NI	PPM	<400	<300	<600	<500
SB	PPM	<0.6	0.5	1.3	1.5
SC	PPM	73.9	75.6	74.1	92.3
SE	PPM	<20	<20	<20	<20
TA	PPM	<5	<2	5	<2
TH	PPM	12	5.5	18	4.6
U	PPM	9.6	3.8	14.9	4.2
W	PPM	10	<10	10	<10
ZN	PPM	<200	<200	<200	<200
LA	PPM	35	30	51	26
CE	PPM	116	37	127	176
SM	PPM	8.1	<0.1	12.5	13.1
EU	PPM	1.6	2.2	<2.7	4.3
YB	PPM	22.3	5.8	23.3	6.7
LU	PPM	4.91	1.12	5.71	1.40
IR	PPB	<50	<50	<50	<50

EXPLANATION OF CODES

VARIABLE DETECTION LIMITS DUE TO SAMPLE COMPOSITION

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 27-SEP-88 REPORT: 10254 FILE NUMBER: 12000 PAGE: 1

ELEMENT & UNITS		SAMPLE NUMBERS					
		292 LF L-HM-** 06-60+150 H**	293 LF L-HM-** 07-60+150 H**	294 LF L-HM-** 08-60+150 H**	295 LF L-HM-** 09-60+150 H**	296 LF L-HM-** 10-60+150 H**	297 LF L-HM 11-60+150
AG	PPM	<5	<8	<5	<5	<5	<5
AS	PPM	14	26	12	4	83	7
AU	PPB	80	3100	<30	9000	<30	<30
BA	PPM	500	<500	<200	<200	<200	<200
CA	%	41	<1	9	5	29	20
CO	PPM	46	<5	11	8	22	20
CR	PPM	1400	290	210	30	410	120
FE	%	11.8	27.9	4.35	4.52	13.5	12.3
HF	PPM	32	4	4	3	9	3
MO	PPM	<20	<20	<20	<20	<20	<20
NA	%	0.36	<0.05	0.08	<0.05	0.58	0.12
NI	PPM	<400	<200	<200	<200	<200	<200
SB	PPM	2.8	2.6	0.8	0.9	2.5	1.4
SC	PPM	137	<0.1	29.7	19.9	72.9	33.8
SE	PPM	<20	<20	<20	<20	<20	<20
TA	PPM	6	<1	<1	<1	1	<1
TH	PPM	4.7	2.9	1.2	1.1	2.5	1.3
U	PPM	4.5	2.6	1.2	<0.5	4.4	<0.5
W	PPM	10	<10	<10	<10	<10	<10
ZN	PPM	<200	200	<200	<200	<200	<200
LA	PPM	36	97	21	31	28	40
CE	PPM	92	136	38	49	37	60
SM	PPM	9.9	13.7	3.5	6.0	5.9	7.3
EU	PPM	4.7	209	1.6	1.5	2.7	3.6
YB	PPM	9.1	5.7	2.2	1.8	5.0	2.7
LU	PPM	1.58	0.85	0.34	0.24	0.78	0.50
IR	PPB	<50	<50	<50	<50	<50	<50

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 27-SEP-88 REPORT: 10254 FILE NUMBER: 12000 PAGE: 2

ELEMENT & UNITS		SAMPLE NUMBERS					
		12981 FL-HMS-06	12991 FL-HMS-07	13001 FL-HMS-08	13011 FL-HMS-09	13021 FL-HMS-10	13031 FL-HMS-11
		-150HN	-150HN	-150HN	-150HN	-150HN	-150H
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	6	3	70	2	29	<2
AU	PPB	23000	9700	28000	17000	640	40
BA	PPM	500	500	900	400	400	300
CA	%	18	10	18	18	7	17
CO	PPM	32	30	27	29	16	23
CR	PPM	840	380	810	580	170	380
FE	%	7.53	5.47	8.57	5.15	5.17	4.42
HF	PPM	230	190	340	310	66	170
MO	PPM	<20	<20	20	30	<20	<20
NA	%	2.3	3.5	2.7	3.4	3.2	1.2
NI	PPM	<400	<200	<200	<200	<200	<200
SB	PPM	1.2	1.3	2.4	0.9	0.8	<0.2
SC	PPM	84.5	46.2	76.3	58.0	34.7	46.0
SE	PPM	20	<20	<20	40	<20	<20
TA	PPM	<3	2	3	3	1	2
TH	PPM	21	9.8	30	15	4.0	19
U	PPM	14.6	14.4	30.8	24.1	9.2	14.5
W	PPM	20	<10	<10	<10	<10	<10
ZN	PPM	<200	<200	<200	<200	<200	<200
LA	PPM	44	30	37	47	6	51
CE	PPM	96	44	131	54	41	80
SM	PPM	9.8	5.8	13.6	8.7	5.1	11.4
EU	PPM	2.7	1.6	3.0	2.4	1.5	2.3
YB	PPM	21.9	18.5	32.8	30.2	8.4	19.4
LU	PPM	5.10	3.59	6.56	5.19	1.60	3.72
IR	PPB	<50	<50	<50	<50	<50	<50

EXPLANATION OF CODES

VARIABLE DETECTION LIMITS DUE TO SAMPLE COMPOSITION

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 20-OCT-88 REPORT: 10324 FILE NUMBER: 12091 PAGE: 1

SAMPLE NUMBERS
Coarse Fraction (-60+150)

ELEMENT & UNITS		1R FL-HM-1**2-60+150HN**	2R FL-HM-1**3-60+150HN**	3R FL-HM-1**4-60+150HN**	4R FL-HM-1**5-60+150HN**	5R FL-HM-1**6-60+150HN**	6R FL-HM-1**7-60+150HN**
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	9	11	8	200	100	20
AU	PPB	<30	3200	230	13000	<30	12000
BA	PPM	<200	400	<200	1800	300	<200
CA	%	16	19	14	11	16	<1
CO	PPM	12	21	11	91	51	23
CR	PPM	290	430	130	390	610	660
FE	%	7.70	8.93	8.23	17.2	11.7	8.03
HF	PPM	4	4	6	4	6	6
MO	PPM	<20	<20	<20	20	<20	<20
NA	%	0.18	0.16	0.15	0.19	0.21	0.16
NI	PPM	<200	<200	<200	<200	<200	<200
SB	PPM	7.7	1.2	2.2	1.9	1.7	0.6
SC	PPM	51.1	52.7	36.6	53.2	69.5	69.7
SI	PPM	<20	<20	<20	<20	<20	<20
TA	PPM	<1	1	<1	<2	<1	<1
TH	PPM	2.8	3.5	2.4	2.5	1.1	0.9
U	PPM	2.5	1.8	0.8	3.1	1.2	1.4
W	PPM	<10	<10	<10	<10	<10	<10
ZN	PPM	<200	<200	<200	400	200	<200
LA	PPM	33	19	20	23	16	11
CE	PPM	54	35	28	59	38	22
SM	PPM	7.1	5.3	2.3	4.9	2.9	2.6
EU	PPM	1.9	2.4	0.7	1.9	1.3	1.5
YB	PPM	3.6	3.0	1.0	2.2	2.4	3.1
LU	PPM	0.60	0.47	0.15	0.36	0.38	0.42
IR	PPB	<50	<50	60	<50	<50	<50

NUCLEAR ACTIVATION SERVICES LIMITED

DATE: 20-OCT-88 REPORT: 10324 FILE NUMBER: 12091 PAGE: 2

SAMPLE NUMBERS

FINE FRACTION (-150)

ELEMENT & UNITS		7R FL-HM-1** 8-60+150HN**	8R FL-HM-1** 9-60+150HN**	9R FL-HM** -12-150HN**	10R FL-HM** -13-150HN**	11R FL-HM** -14-150HN**	12R FL-HM** -15-150HN**
AG	PPM	<5	<5	<5	<5	<5	<5
AS	PPM	12	7	16	23	27	240
A	PPB	12000	<30	360	<30	50000	380
B	PPM	<500	200	<200	500	600	800
CA	%	17	17	15	19	10	11
C	PPM	23	21	16	31	14	76
CR	PPM	530	90	320	550	160	340
FE	%	8.19	8.05	8.19	9.46	5.72	16.7
H	PPM	7	1	240	63	340	60
M	PPM	<20	<20	<20	<20	<20	<20
N	%	0.19	0.23	1.6	0.82	2.7	0.92
N	PPM	<600	<200	<200	<300	<200	<200
SB	PPM	1.7	1.1	4.7	1.8	2.7	1.5
SC	PPM	72.3	20.1	55.2	62.2	32.6	46.5
S	PPM	<20	<20	<30	<20	130	<20
TA	PPM	4	<1	<1	<1	3	<1
T	PPM	2.3	1.6	13	6.7	15	3.9
U	PPM	3.4	2.0	14.7	5.5	13.5	5.3
W	PPM	10	<10	10	10	40	<10
ZN	PPM	<200	<200	<200	<200	<200	200
L	PPM	26	14	46	28	33	28
CE	PPM	46	28	109	52	82	47
SM	PPM	7.7	4.2	9.0	5.5	6.2	4.9
E	PPM	2.9	2.2	3.9	2.4	2.3	1.8
YB	PPM	4.9	2.1	23.5	7.4	27.2	7.0
U	PPM	0.95	0.40	5.51	1.50	6.39	1.56
IR	PPB	<50	<50	<50	<50	<50	<50

SAMPLE NUMBERS
FINE FRACTION (-150)

ELEMENT & UNITS		13R FL-HM** -16-150HN**	14R FL-HM** -17-150HN**	15R FL-HM** -18-150HN**	16R FL-HM** -19-150HN**
A	PPM	<5	<5	<5	<5
A_	PPM	42	20	13	6
AU	PPB	340	640	30	820
B	PPM	300	<200	<300	<200
C	%	10	13	17	16
CO	PPM	25	25	22	53
C	PPM	300	640	190	130
F	%	6.51	6.93	10.5	7.95
HF	PPM	29	86	28	17
K	PPM	<20	<20	<20	<20
NA	%	1.2	1.5	0.26	1.9
NI	PPM	<200	400	<400	<200
S	PPM	0.8	0.8	1.3	0.8
S	PPM	42.2	68.1	53.7	27.0
SE	PPM	<20	<20	<20	<20
T	PPM	<1	<2	<2	<1
TH	PPM	3.0	6.0	3.6	6.4
U	PPM	2.5	5.0	3.1	3.8
W	PPM	<10	<10	<10	<10
Z	PPM	<200	<200	<200	<200
I	PPM	20	18	102	21
C	PPM	33	46	132	33
SM	PPM	3.5	4.2	13.7	4.7
EU	PPM	1.6	1.2	4.1	2.0
Y	PPM	4.4	9.1	6.3	4.1
LU	PPM	0.89	2.03	1.16	0.88
I	PPB	<50	<50	<50	<50

EXPLANATION OF CODES

VARIABLE DETECTION LIMITS DUE TO SAMPLE COMPOSITION

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31-OCT-88

AUTHORITY:GORDON ALLEN

BEAUPRE EXPLORATIONS LTD.
1027 PANDORS AVENUE
VICTORIA, B.C. V8V 3P6

WORK ORDER: 5392D-88

*** FINAL REPORT ***

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE: PULP

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM
FLHM01:-60+150HN - 204L	1300.0	<1.0	21.0	<0.2
FLHM02:-60+150HN - 205L	34.0	5.0	32.0	<0.2
FLHM03:-60+150HN - 206L	60.0	2.0	32.0	<0.2
FLHM04:-60+150HN - 207L	131.0	3.0	80.0	<0.2
FLHM05:-60+150HN - 208L	22.0	7.0	20.0	<0.2
FLHM01:-150HN - 209L	116.0	4.0	44.0	<0.2
FLHM02:-150HN - 210L	55.0	5.0	50.0	<0.2
FLHM03:-150HN - 211L	94.0	3.0	33.0	<0.2
FLHM04:-150HN - 212L	100.0	5.0	93.0	<0.2
FLHM05:-150HN - 213L	40.0	4.0	24.0	<0.2
FLHM06:-60+150HN - 292L	1600.0	2.0	26.0	<0.2
FLHM07:-60+150HN - 293L	500.0	2.0	24.0	<0.2
FLHM08:-60+150HN - 294L	425.0	3.0	16.0	<0.2
FLHM09:-60+150HN - 295L	59.0	4.0	19.0	1.2
FLHM10:-60+150HN - 296L	66.0	8.0	20.0	0.2
FLHM11:-60+150HN - 297L	42.0	3.0	17.0	<0.2
FLHM06:-150HN - 298L	525.0	4.0	33.0	0.5
FLHM07:-150HN - 299L	1550.0	131.0	29.0	0.2
FLHM08:-150HN - 300L	667.0	6.0	28.0	<0.2
FLHM09:-150HN - 301L	100.0	3.0	24.0	2.0
FLHM10:-150HN - 302L	92.0	4.0	34.0	<0.2
FLHM11:-150HN - 303L	252.0	6.0	36.0	<0.2
FLHM12:-60+150HN - 1R	44.0	8.0	22.0	<0.2
FLHM13:-60+150HN - 2R	158.0	4.0	51.0	<0.2
FLHM14:-60+150HN - 3R	25.0	6.0	20.0	<0.2
FLHM15:-60+150HN - 4R	338.0	1.0	143.0	0.4
FLHM16:-60+150HN - 5R	560.0	1.0	132.0	<0.2
FLHM17:-60+150HN - 6R	33.0	18.0	23.0	<0.2
FLHM18:-60+150HN - 7R	93.0	3.0	16.0	<0.2
FLHM19:-60+150HN - 8R	540.0	4.0	13.0	<0.2

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31-OCT-88

COPY: 1 OF 2

AUTHORITY:GORDON ALLEN

BEAUPRE EXPLORATIONS LTD.
1027 PANDORS AVENUE
VICTORIA, B.C. V8V 3P6

WORK ORDER: 53920-88

*** FINAL REPORT ***

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE: PULP

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM
ELHM12:-150HN - 9R	70.0	6.0	60.0	<0.2
ELHM13:-150HN - 10R	181.0	61.0	63.0	<0.2
ELHM14:-150HN - 11R	64.0	6.0	48.0	2.4
ELHM15:-150HN - 12R	268.0	2.0	175.0	0.4
ELHM16:-150HN - 13R	148.0	5.0	137.0	<0.2
ELHM17:-150HN - 14R	495.0	10.0	62.0	<0.2
ELHM18:-150HN - 15R	60.0	17.0	53.0	0.2
ELHM19:-150HN - 16R	48.0	7.0	29.0	<0.2

SIGNED: _____
C. Douglas Read,
LABORATORY MANAGER

FOOTNOTES:
P=QUESTIONABLE PRECISION; *=INTERFERENCE; TR=TRACE; ND=NOT DETECTED;
IS=INSUFFICIENT SAMPLE; NA=NOT ANALYZED; MS=MISSING SAMPLE

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Geochemical Lab Report

REPORT: V88-09736.0

PROJECT: 393-FROST LAKE PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	
R2 97876		221	PYRITE-RICH SKARN B150LW NORTH OF FROST LK.
R2 97877		<5	
R2 97878		<5	
R2 97879		<5	
R2 97880		<5	

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Geochemical Lab Report

REPORT: V88-09736.0 PROJECT: 393-FROST LAKE PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
R2 97876		25.0	63	<2	14	<4.0	20	8	9	113	86	>20000
R2 97877		<0.5	<50	<2	245	<4.0	<5	<1	14	9	78	266
R2 97878		0.6	<50	<2	6	<4.0	<5	<1	11	44	34	600
R2 97879		<0.5	<50	<2	75	<4.0	<5	<1	13	7	90	37
R2 97880		0.8	<50	<2	11	<4.0	<5	<1	8	7	215	3230

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Geochemical Lab Report

EPORT: V88-09736.0 | PROJECT: 393-FROST LAKE | PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
RZ 97876		<2	<1	<1	<5	4	4	780	<50	<5	2.0	<30
R2 97877		5	3	3	<5	2	3	22	<50	<5	4.0	<30
97878		<2	<1	1	<5	2	2	20	<50	<5	2.0	<30
2 97879		6	3	3	<5	2	3	11	<50	<5	3.0	<30
R2 97880		<2	<1	<1	<5	2	13	110	<50	<5	2.0	<30

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Geochemical Lab Report

REPORT: V88-09776.0 PROJECT: 393-FROST LAKE PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	Ti PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM	Au PPB
R2 97876		<1	<10	<20	<20	19	<10	2	761	2	221
R2 97877		55	<10	<20	<20	38	<10	8	32	2	<5
R2 97878		<1	<10	<20	<20	16	14	2	47	12	<5
R2 97879		156	<10	<20	<20	24	<10	6	24	3	<5
R2 97880		<1	<10	<20	<20	12	11	3	35	2	<5

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Geochemical Lab Report

REPORT: V88-09736.6

PROJECT: 393-FROST LAKE PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 97876		2.38

APPENDIX III
ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS AND LITHOGEOCHEMICAL RESULTS

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
24251	Location: Trunk Road 8, Helga 1 Claim Rock Type: Massive Magnetite Material Sampled and Sample Type: Float, Grab Occurrence Size: Composite of several 5-20 cm subrounded to subangular road fill This mineralized float is composed of up to 80% fine-grained crystalline dark blue-grey magnetite and up to 20% fine-grained epidote in lenses up to 3 mm x 10 mm. Some pieces contain small quartz stringers. Traces of chalcopyrite occur disseminated within the magnetite.	36	3.4	<50	15,352	
24252	Location: Trunk Road 8, Helga 1 Claim Rock Type: Garnetite Material Sampled and Sample Type: Float, Grab Occurrence Size: 40 cm x 50 cm x 50 cm boulder Limonitic weathering dark brown fine to medium-grained crystalline garnet. Fine-grained magnetite has developed for up to 1 cm along each side of an epidote - filled (1-2 mm) fracture.	9	<0.5	<50	1998	
24253	Location: Trunk Road 8, Helga 1 Claim Rock Type: Massive Sulphide Material Sampled and Sample Type: Float, Grab Occurrence Size: 20 cm x 20 cm x 30 cm boulder Fine-grained quartz groundmass with 20-30% @ magnetite, pyrite and chalcopyrite. Pyrite occurs as fine-grained masses up to 1 cm in diameter. Chalcopyrite occurs in irregular masses and bands up to 1 cm in thickness.	217	19.3	<50	>20,000 8.95%	872 Co 123 Rb

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
24254	Location: Trunk Road 8, Helga 1 Claim Rock Type: Massive Sulphide, Skarn Material Sampled and Sample Type: Float, Grab Occurrence Size: 30 cm x 30 cm x 30 cm The groundmass is a fine-grained dark green aggregate of quartz and epidote with rare vague light-coloured patches up to 1 mm which could be feldspar phenocrysts (possibly an altered volcanic). The original rock is almost totally replaced by massive chalcopyrite (30-60% in masses to 2 cm), epidote (10%), quartz (10-20%), magnetite (5-15%) and light blue-green actinolite crystals up to 5 mm in length (≤ 5%).	140	23.5	<50	>20,000 13.2%	415 Co 72 Rb 56 W
24255	Location: Trunk Road 8, Helga 1 Claim Rock Type: Massive Sulphide Breccia, Skarn Material Sampled and Sample Type: Float, Grab Occurrence Size: 10 cm x 20 cm x 20 cm The rock is composed of epidote-rich angular fragments up to 5 mm in diameter (~25%) in a groundmass of fine-grained magnetite (30%) and chalcopyrite (30%), and radiating blue-green actinolite (?) crystals up to 5 mm in length. The rock could be an altered lapilli or brecciated basalt.	118	21.5	<50	>20,000 12.00%	301 Co 48 W
24256	Location: B 150WL Road, FRS 1 Claim Rock Type: Skarn, Altered Limestone Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m (+) Wide Zone Limonitic weathering coarse-grained dark green to dark brown actinolite (70%) in radiating masses up to 2 cm in length in a groundmass of calcite, epidote and magnetite. Chalcopyrite (2-10%) occurs as masses to 2 mm in diameter interstitial to the actinolite crystals.	<5	13.8	<50	>20,000 2.33%	59 Co 1123 Zn

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
24257	Location: In creek bed, NE Part of FRS 1 Claim Rock Type: Altered Basalt (?) Skarn Material Sampled and Sample Type: Float, Grab Occurrence Size: 20 cm diameter cobbles This sample was a composite of 2 subangular cobbles. One piece contained 50% fine-grained magnetite, 5% chalcopyrite in masses up to 2 mm in diameter and 1-2% disseminated pyrrhotite in a dark greenish-brown fine-grained groundmass. A second piece of float was composed of similar material with 5-8% fine-grained disseminated sulphides. The rock was strongly magnetic.	46	3.8	<50	>20,000 2.03%	
24258	Location: NW end of SILW Road, FRS 1 Claim Rock Type: Altered Basalt (?) Material Sampled and Sample Type: Float, Grab Occurrence Size: Cobble-sized road fill Massive fine-grained black magnetite in masses or layers several centimeters thick in a dark green fine-grained epidote-rich crystalline aggregate with 1-2% fine-grained disseminated pyrite.	6	1.7	<50	3208	
24259	Location: On creek draining Frost Lake, FRS 1 Claim Rock Type: Basalt Material Sampled and Sample Type: Float, Grab Occurrence Size: Cobble Dark green fine-grained crystalline silicified basalt with 5% pale pyrite along fractures up to 2 mm wide.	6	0.8	<50	162	

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
24260	Location: SILW Road, Helga 1 Claim Rock Type: Altered Basalt (?) Altered Sediment (?) Material Sampled and Sample Type: Float, Grab Occurrence Size: Boulder Massive fine-grained magnetite in a groundmass of fine-grained cryptocrystalline medium greenish-grey material. Boulders contain up to 60% magnetite in masses up to several tens of centimeters wide. All boulders of this material have polished slickenside surfaces.	<5	0.5	<50	65	
24261	Location: In Lens Cr., SW Part of Helga 1 Claim Rock Type: Altered Basalt (?) Material Sampled and Sample Type: Float, Grab Occurrence Size: Cobble Dark green fine-grained crystalline aggregate groundmass with: 20% fine-grained crystalline magnetite in lenses and angular masses up to 1 cm in diameter, 5% fine-grained chalcopyrite in concentrations of up to 30% over 1 cm widths, and 10% radiating actinolite crystals up to 1 cm in length. The angular masses of magnetite could be soft sedimentary features, but mineralogy suggests a skarn.	<5	2.0	<50	3791	

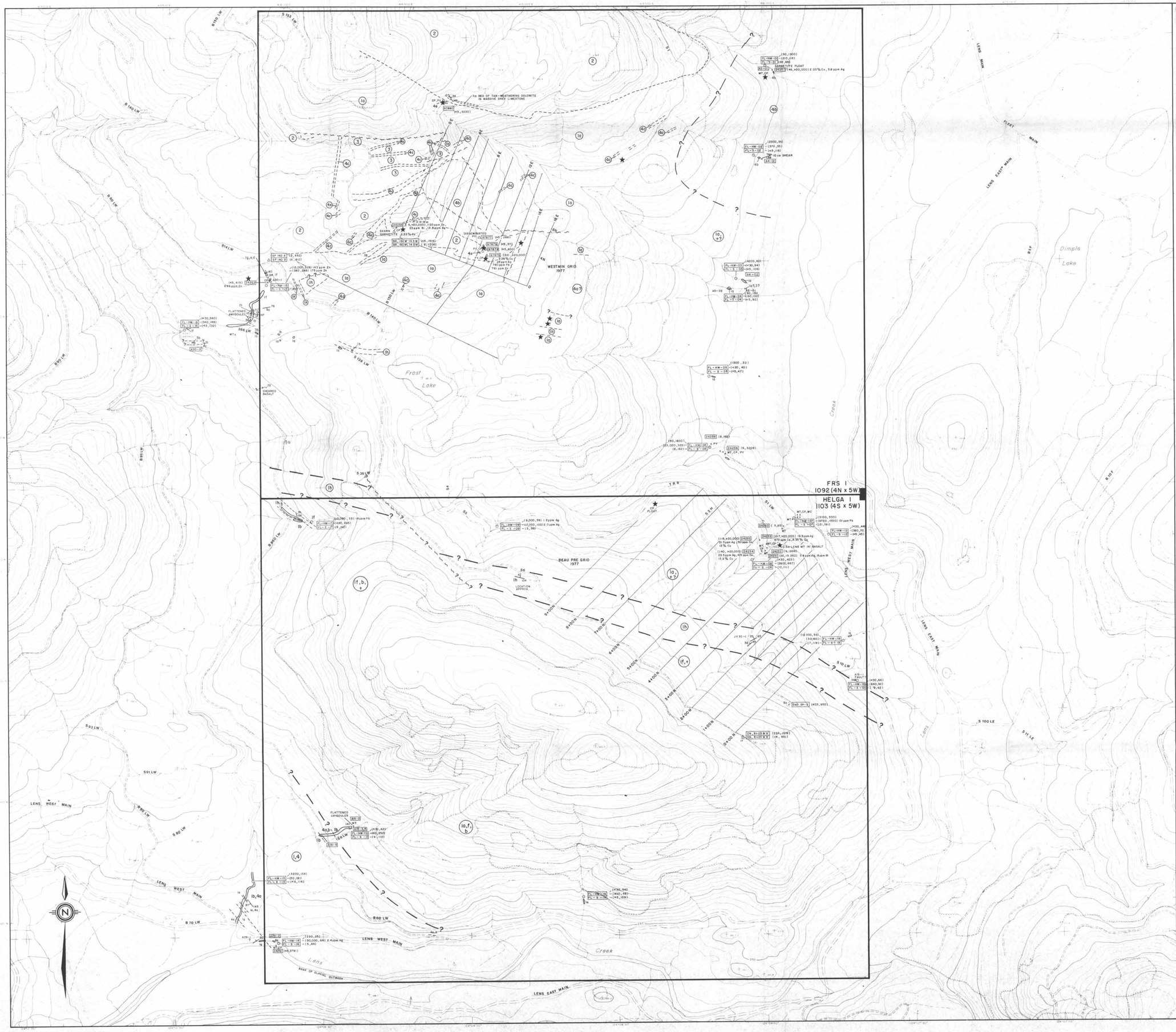
Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
24262	Location: NW of Frost Lake near W. Boundary of FRS 1 Claim Rock Type: Altered Limestone, Skarn Material Sampled and Sample Type: Float, Grab Occurrence Size: Boulders Composite of 3 boulders: 1) Skarny limestone with 20% amber-coloured garnets in discontinuous bands up to 2 mm thick (probably relic bedding) and 5% chalcopyrite along with hairline quartz stringers. 2) Massive fine-grained garnetite. 3) Similar to 1, with 30% dark green radiating actinolite (?) and 5% chalcopyrite.	<5	<0.5	<50	415	695 Zn
97876	Location: On B 150 LW Road North of Frost Lake Rock Type: Massive Sulphide Skarn Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: ~10 m wide zone Composite select grab of heavily mineralized material sloughing off of bank. Some pieces with up to 80% coarse-grained pyrite in a medium-grained actinolite groundmass. Some pieces of pale greenish-brown fine to medium-grained crystalline garnetite with up to 20% fine-grained pyrite and 10% chalcopyrite concentrated along 2-5 mm bands (remnant bedding?).	221	25.0	63	>20,000 (2.38%)	20 Bi 8 Cd 113 Co 780 Pb 761 Zn

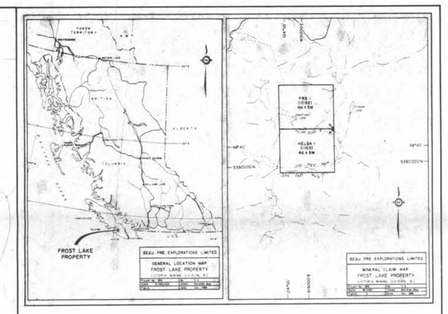
Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
97877	Location: B 150 LW Road North of Frost Lake Rock Type: Diorite (?) Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Medium-grained relatively equigranular plutonic rock with: ~10% (?) glassy quartz ~15% tabular black hornblende crystals up to 4 mm long (average ~2 mm) ~65% (+) brown plagioclase ~5% medium-grained disseminated PY The rock is strongly gossanous. Pyritic zones in the diorite are ubiquitous in this part of the property.	<5	<0.5	<50	266	
97878	Location: B 150 LW Road, North of Frost Lake Rock Type: Skarn Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: ~10 m wide zone Select grab of strongly gossanous material adjacent to an intrusive (97879). The rock is composed of medium-grained blue-green actinolite + brown garnet, an average of 5-8% coarse-grained PY (massive in places), and traces of chalcopyrite. The zone is fractured and sheared along the intrusive contact at ~31/85-90 SE. Irregular lenses of marble are hosted in an actinolite-rich altered volcanic (?).	<5	0.6	<50	600	14 W 12 Zr

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
97879	Location: B 150 LW Road, North of Frost Lake Rock Type: Leucocratic Feldspar Porphyry Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Hard, aphanitic blue-grey groundmass with: ~20% light grey prisms of euhedral plagioclase ~5% anhedral fine-grained mafic mineral (hornblende?) ~5% fine-gained disseminated PY The relationship between this rock and the medium-grained intrusive sampled to the north (97877) is not clear.	<5	<0.5	<50	37	156 Sr
97880	Location: On BR 2 Road North of B 150 LW Road Rock Type: Quartz Vein Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 3-4 m zone Irregular lens (10-20 cm wide) of vuggy, gossanous glassy blue-grey to white quartz with 5% disseminated chalcopyrite. The quartz lens in hosted in a 3-4 m wide zone of skarnified limestone adjacent to a fine-grained equigranular diorite dike (CI~35). The skarn is composed of coarse-grained actinolite and banded garnetite similar to float found adjacent to 24257. The garnetite is composed of 2-4 mm wide bands of medium to fine-grained greenish-brown garnet interlayered with hematitic weathering actinolite. This material could be an altered stromatolite.	<5	0.8	<50	3230	11 W

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
The following samples were lithology hand specimens which were sent for analysis in error. Most were not described properly before shiping.						
BR 150W 14.5 M	Location: BR 150LW Road at 14.5 Mile Rock Type: Skarn Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m (+) wide zone Probably similar to 24256 with coarse-grained actinolite and minor amounts of chalcopyrite. Could also have been garnetite.	<5	<0.5	<50	1914	
BR 150WL 14.5 M	Location: BR 150LW Road at 14.5 Rock Type: Skarn Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m (+) wide zone As BR 150L 14.5 M	6	1.5	<50	1206	926 Ba
End SP-2	Location: End of SP 2 Road, Helga 1 Claim Rock Type: Leucocratic Intrusive Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Few meter wide dyke Medium-grained light-coloured dyke hosted in basalt.	403	2.1	<50	955	912 Ba
OW, 8+25N 'A'	Location: ON, 8+25W; Helga 1 Claim Rock Type: Agglomerate, Basalt Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Rounded amygdaloidal fragments up to 10 cm in a fine-grained groundmass with <1 to 3 mm clasts rimmed with a fine-grained material (devitrified glass?).	277	1.6	<50	1016	

Sample Number		Description	Au ppm	Ag ppm	As ppm	Cu ppm	Other ppm
OW, 8+25N 'B'	Location:	ON, 8+25W; Helga 1 Claim	14	1.4	<50	861	
	Rock Type:	Agglomerate, Basalt					
	Material Sampled and Sample Type:	Outcrop, Grab					
	Occurrence Size:						
	As OW, 8+25N 'A'.						
SP-2	Location:	SP 2 Road, Helga 1, Claim	9	1.6	<50	1552	
	Rock Type:	Limestone (?)					
	Material Sampled and Sample Type:	Outcrop, Grab					
	Occurrence Size:						
	Dark grey micrite.						
SP 140 A 292 Ni	Location:	SP 140 Road, FRS 1 Claim 51.4<50 652					
	Rock Type:	Agglomerate, Basalt					
	Material Sampled and Sample Type:	Outcrop, Grab					
	Occurrence Size:						
SP 140 B	Location:	SP 140 Road, FRS 1 Claim	6	0.8	<50	812	
	Rock Type:	Agglomerate, Basalt					
	Material Sampled and Sample Type:	Outcrop, Grab					
	Occurrence Size:						





GEOLOGICAL LEGEND

JURASSIC (?)

4 INTRUSIVES

- a DIORITE
- b GRANODIORITE - QUARTZ DIORITE
- c DACITE

TRIASSIC

3 PARSON BAY FORMATION – SHALE

2 QUATSINO FORMATION – LIMESTONE

1 KARMUTSEN FORMATION

- a MASSIVE FINE - GRAINED CRYSTALLINE BASALT (+ TUFF)
- b AMYGDALOIDAL BASALT FLOW
- c PILLOW BASALT
- d TUFFACEOUS SEDIMENT
- e LAPILLI TUFF
- f AGGLOMERATE
- g MARBLE
- h MICRITIC LIMESTONE

SYMBOLS AND ABBREVIATIONS

SAMPLE SITE LOCATIONS :

- ⊙ FL-HM-01 SIEVED STREAM SEDIMENT (FOR HEAVY MINERAL CONCENTRATE)
- FL-S-01 STANDARD STREAM SEDIMENT
- △ DN, 8+25 W X BEDROCK
- x 2425 ROCK FLOAT

ANALYSES :

(ppb Au, ppm Cu) AND OTHER VALUES CONSIDERED ANOMALOUS

FL-HM-01 (30,300) COARSE (-60 TO +150 SIZE FRACTION)
(-210, 116) FINE (-150 SIZE FRACTION)

FL-S-01 (66, 88)

2425 (36, 15352) 3.4 ppm Ag, 8 ppm Bi

SYMBOLS :

- CLAIM LINES AND LEGAL CORNER POST
- BEDDING WITH STRIKE AND DIP (TOPS UNKNOWN)
- SHEAR
- OBSERVED GEOLOGICAL CONTACT (G ALLEN)
- GEOLOGICAL CONTACT AS DEFINED BY L. SALEKEN AND E. GROVE
- FAULT
- OUTCROP
- ★ SKARN MINERALIZATION (FLOAT OR OUTCROP)
- A30-1 FIELD NOTE LOCATION
- A30-2 HAND SPECIMEN SAMPLE SITE
- CP CHALCOPYRITE
- MT MAGNETITE
- PY PYRITE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,174

NOTE : CLAIM LINES FROM POSTS LOCATED IN FIELD

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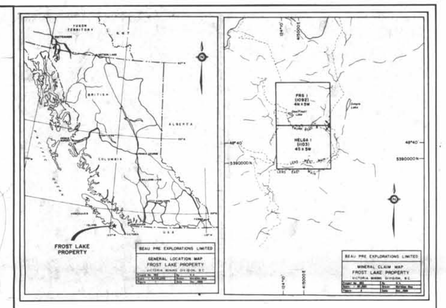
GENERAL GEOLOGY AND ROCK AND STREAM SAMPLE LOCATIONS AND ANALYSES

FROST LAKE PROPERTY

VICTORIA MINING DIVISION, B.C.

PROJECT No. : 393	DATA BY : G.A., G.G., E.G., L.S.
SCALE : 1:5000	DRAWN BY : MERIDIAN MAP
FIGURE : 3	DATE : DECEMBER 1988

PACIFIC INTERNATIONAL MAPPING CORPORATION
SCALE: 1:5000
DATE OF PHOTOGRAPHY: JUNE 24, 1987
SCALE OF PHOTOGRAPHY: 1:70000
RECONNAISSANCE TYPE MAPPING



FL-HM-01 Au 0.01 ppb; Cx 1164 ppm; S 0.02%; M 0.07%

FL-HM-02 Au 4.63 ppb; Cx 35 ppm; S 0.19%; M 0.13%

Au 5.13 ppb; Cx 66 ppm; S 0.15%

FL-HM-03 M 0.09%

FL-HM-04 Au 0.02 ppb; Cx 123 ppm; S 0.13%; M 0.08%

FL-HM-15 Au 5.98 ppb; Cx 312 ppm; S 0.06%; M 0.05%

FL-HM-16 Au 0.09 ppb; Cx 372 ppm; S 0.05%; M 0.06%

FL-HM-05 Au 1.63 ppb; Cx 24 ppm; S 0.14%; M 0.10%

FL-HM-06 Au 1.26 ppb; Cx 1187 ppm; S 0.01%; M 0.06%

FL-14M-17 Au 3.60 ppb; Cx 166 ppm; S 0.04%; M 0.09%

FL-HM-09 Au 12.36 ppb; Cx 83 ppm; S 0.13%; M 0.14%

Au 19.74 ppb; Cx 552 ppm; S 0.61%; M 0.36%

FL-HM-07

Au 0.02 ppb FL-HM-12; Cx 46 ppm; S 0.03%; M 0.03%

FL-HM-08 Au 0.23 ppb; Cx 456 ppm; S 0.06%; M 0.07%

FL-HM-19 Au 3.56 ppb; Cx 71 ppm; S 0.09%; M 0.10%

FL-HM-10 Au 0.12 ppb; Cx 78 ppm; S 0.04%; M 0.03%

FL-HM-11 Au 0.09 ppb; Cx 44 ppm; S 0.30%; M 0.06%

FL-HM-13 Au 1.37 ppb; Cx 161 ppm; S 0.05%; M 0.04%

FL-HM-14 Au 2.92 ppb; Cx 25 ppm; S 0.35%; M 0.36%

FL-HM-18 Au 0.18 ppb; Cx 445 ppm; S 0.09%; M 0.08%

FRS 1
1092 (4N x 5W)
HELGA 1
1103 (4S x 5W)

LEGEND

(Au)	< 2 ppb	CALCULATED Au CONTENT IN ORIGINAL -20 MESH SAMPLE (ASSUMES THAT ALL GOLD IS -60 MESH)
Au	2-10 ppb	
Au	> 10 ppb	
(Cx)	< 200 ppm	CALCULATED Cu CONTENT IN -60 MESH HEAVY (S.G. ≥ 3.27) NONMAGNETIC FRACTION
Cx	200-500 ppm	
Cx	> 500 ppm	
(S)	0.02-0.09%	PERCENT OF TOTAL SAMPLE IN -60 MESH HEAVY (S.G. ≥ 3.27) NONMAGNETIC FRACTION (GIVING AN INDICATION OF SULPHIDE AND NATIVE METAL CONTENT IN ORIGINAL -20 MESH SAMPLE)
S	0.10-0.19%	
S	≥ 20%	
(M)	0.03-0.09%	PERCENT OF TOTAL SAMPLE IN -60 MESH HEAVY (S.G. ≥ 3.27) MAGNETIC FRACTION (GIVING AN INDICATION OF MAGNETITE CONTENT IN ORIGINAL -20 MESH SAMPLE)
M	0.10-19%	
M	≥ 20%	
★		SAMPLE CONSIDERED SIGNIFICANT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,174

0 100 200 300 400 500
METRES

NOTE: CLAIM LINES FROM POSTS LOCATED IN FIELD

BEAU PRE EXPLORATIONS LTD.

HEAVY MINERAL CONCENTRATES FROM STREAM SEDIMENT SAMPLES

FROST LAKE PROPERTY

VICTORIA MINING DIVISION, B.C.

PROJECT No.: 393	DATA BY: G.A.
SCALE: 1:5000	DRAWN BY: MERIDIAN MAP
FIGURE: 4	DATE: DECEMBER 1988

PACIFIC INTERNATIONAL MAPPING CORPORATION
SCALE: 1:5000
DATE OF PHOTOGRAPHY: JUNE 24, 1987
SCALE OF PHOTOGRAPHY: 1:15000
RECONNAISSANCE TYPE MAPPING
CONTROL TRANSFERRED FROM FEDERAL ADJUSTMENT WORK (1976)