87-487 - 16184

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

FROST LAKE PROPERTY

(HELGA #1 and F.R.S. #1 CLAIMS)

VICTORIA MINING DIVISION

NTS: 92 C/9 E
Lat.: 48°~~41'~~ N 40'12"
Long.: 124°~~10'~~ W 08'42"

FOR

Owner/Operator: BEAU PRE EXPLORATIONS LTD.

BY

MINCORD EXPLORATION CONSULTANTS LTD.

G.L. Garratt, P. Geol., F.G.A.C.

August, 1987

16,184

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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BEAU PRE EXPLORATIONS LTD.

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INTRODUCTION

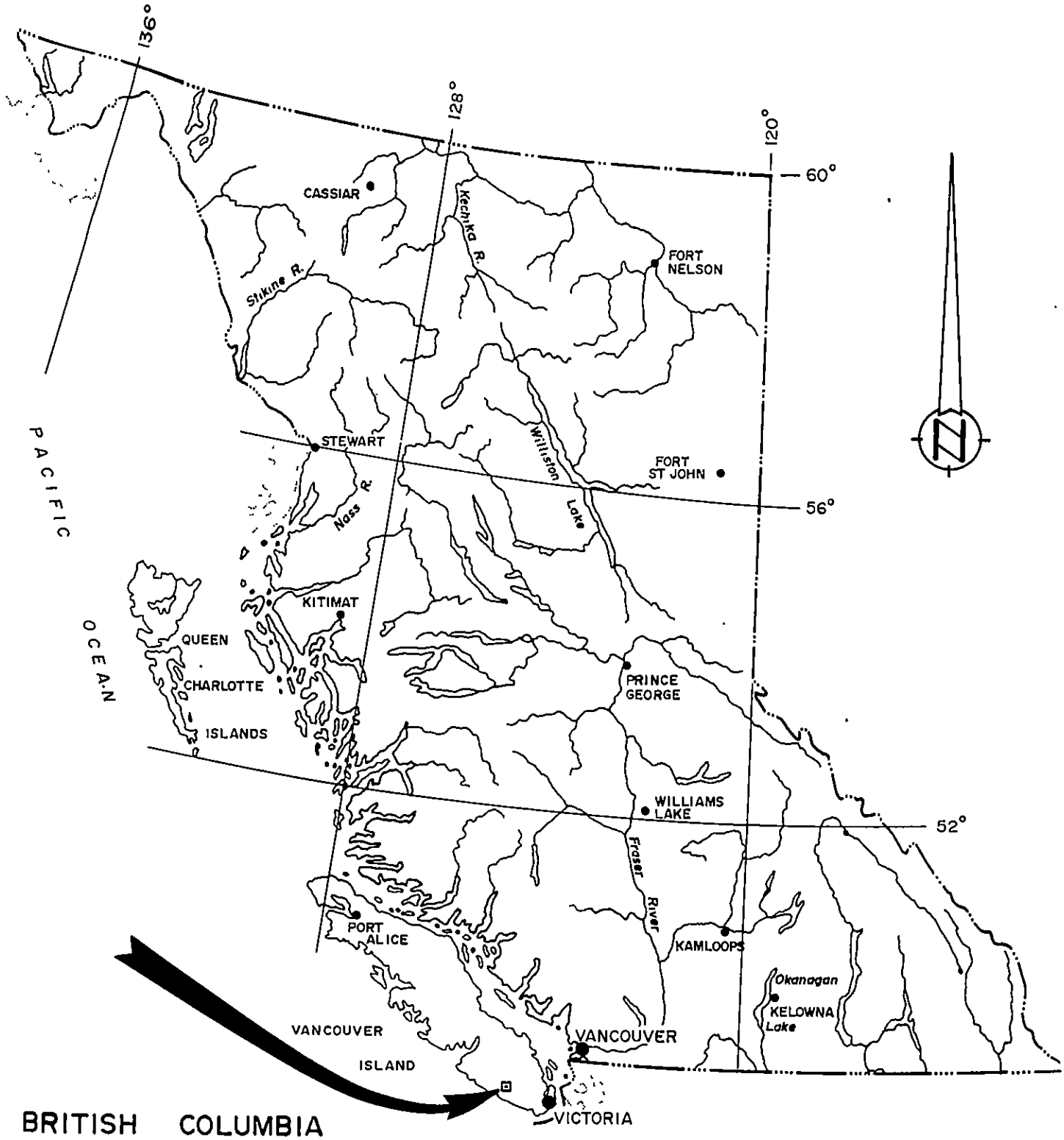
The author was commissioned by Beau Pre Explorations Ltd. of Victoria, B.C., to undertake an exploration program on the Frost Lake property. From a review of earlier work on the claims it was concluded that the focus of this program would lie in the east-central portion of the property where float occurrences indicated a potential for the discovery of copper rich skarn mineralization. A program of grid soil sampling and geological mapping was carried out during the period July 4, to July 11, 1987. Additionally, a road traverse was completed near the southern and western borders of the property. The mapping program resulted in the discovery of three weakly mineralized skarn zones, two of which appear to be structurally truncated.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Frost Lake property is located about Frost (Doe) Lake, some fifteen kilometers south of Mesachie Lake. Main-line logging roads lead from Mesachie Lake to the property and offer excellent access. The Port Renfrew road leads to the Lens Main Rd. and this leads to the Lens Main West road. Trunk road 8 leaves the latter haul road near the central eastern boundary of the claim group and accesses numerous spur roads which give access to a large portion of the property. Spur roads 2, 5 and 6 cut the area of grid sampling undertaken in this project. Spur road 5 is overgrown with alders and is only foot accessable.

Elevations on the property range from 250 to 950 meters and the topography is dominated by two prominent features: a northwest trending steep-sided hill underlying most of the Helga claim in the south and; a prominent easterly trending ridge at the north end of the F.R.S. claim. These features are divided by a canyon-ous easterly trending creek that drains Frost Lake, and along which Trunk Road 8 gains access to the various parts of the property.

Portions of the property are covered by natural forest but much of the area has been logged. Second growth in the logged areas ranges from nil to very thick deciduous and evergreen growth with twenty to thirty foot high trees. The terrain is steep and small bluffs or cliffs are common. Outcrop exposure ranges from fifty to eighty per cent along road cuts and approximately ten per cent elsewhere. The ridge at the north end of the property appears to have suffered a natural burn which has denuded the area, exposing a large area of outcrop. Drainages are generally deeply cut with high seasonal flow; at the time of our visit, the minor drainages were offering very little or no flow. The soils in the area are typically a red-brown, well developed B horizon with a thin humus-A horizon capping.



BRITISH COLUMBIA

Scale 1 : 7,500,000 approx.

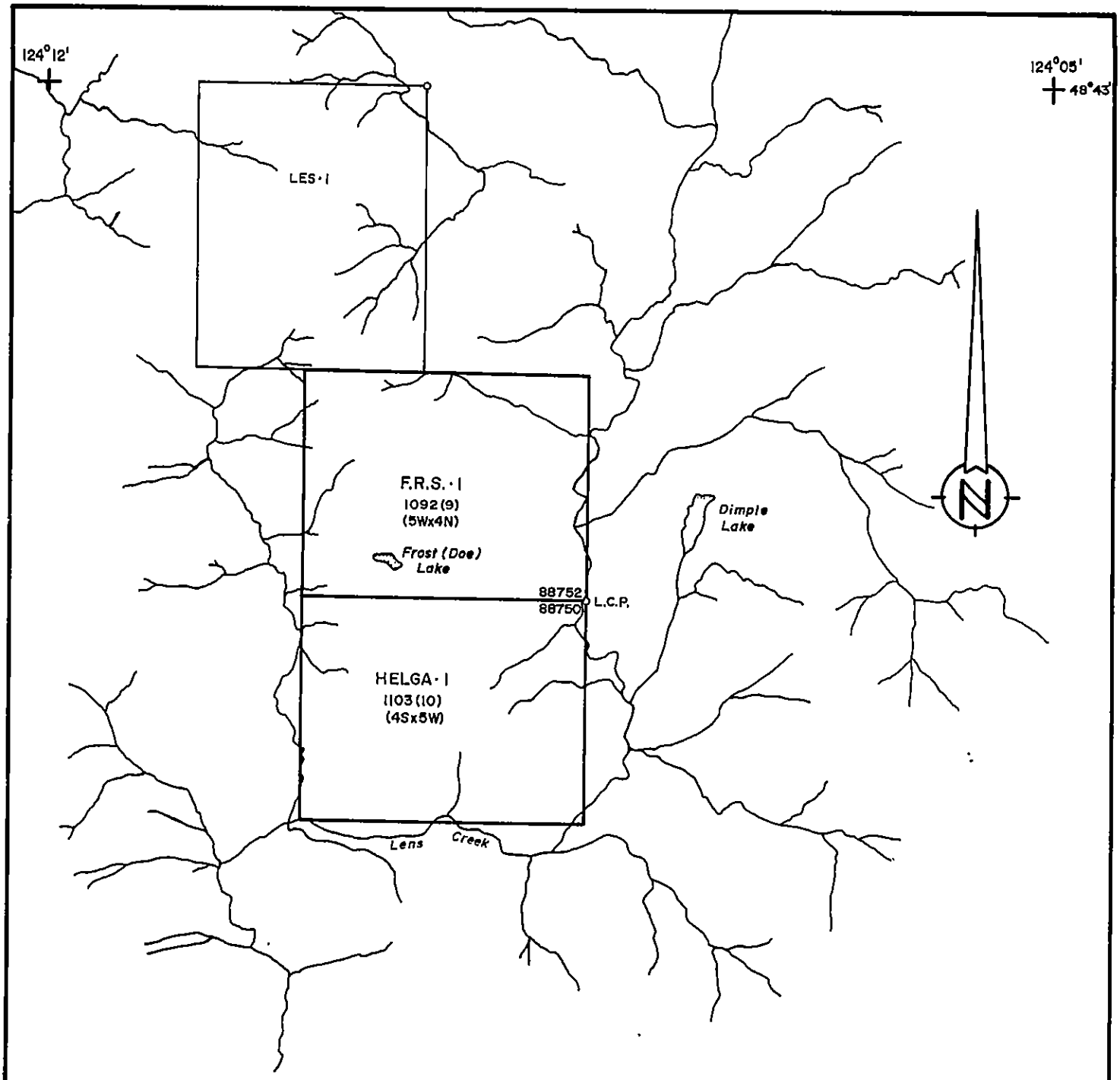
GEOLOGICAL ASSOCIATION OF CANADA
G. L. GARRATT
FELLOW

GENERAL LOCATION MAP

FROST LAKE PROJECT

VICTORIA M.D.; B.C.

Figure 1



GEOLOGICAL ASSOCIATION OF CANADA
G. L. GARRATT
FELLOW

CLAIM LOCATION MAP

FROST LAKE PROJECT

VICTORIA M.D.; B.C.

0 0.5 1 2 3 kilometres

Scale 1 : 50,000

Figure 2

OWNERSHIP

The Frost Lake Property is held by Beau Pre Explorations Ltd. whose office is located at 1027 Pandora Street, Victoria, B.C., V8V 3P6. Pertinent claim data is as follows:

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
F.R.S. #1	20	1092	Sept. 29/83	1987
Helga #1	20	1103	Oct. 14/83	1987

HISTORY

Dr. Giles Peatfield summarized the property history in his December 1986 report and this is excerpted here.

> Early interest in the general area was on the Alpha, Beta and Taboga claims, Crown-granted in 1910 and situate on the east fork of Robertson River, some 8 kilometres northeast of Frost Lake (McKechnie, 1963). In 1961, Albeta Mines did considerable work, including some underground exploration, on these magnetite-chalcopyrite skarn occurrences. Work resumed on these showings from 1968 to 1971, during which time the property was expanded considerably to the south and west (GEM, 1969-71 incl.).
>
> In 1977, Western Mines Ltd., concentrating on this southwestern area, completed regional mapping and silt sampling, and detailed mapping, magnetics, and soil and rock geochemistry on a grid established over a diorite stock north of Frost Lake, on the Conquest and Victor Claims (RED DOG - GEM 1977, Mineral Inventory #92C-12). This work was reported in Assessment Work Reports 6380 and 6502.
>
> In 1983, float sampling led F.R. Shandler to acquire the F.R.S. #1 mineral claim, and shortly thereafter J.W. Decker located the Helga #1 mineral claim to the south. Both claims were subsequently acquired by Beau Pre Explorations Ltd., who have done a minor amount of work since that time (Grove, 1985). The massive chalcopyrite boulders discovered by Shandler appear to represent a new and as yet unlocated skarn occurrence.

During September, 1986, Dr. G.R. Peatfield of Minequest Exploration Associates Ltd., spent two days traversing the main access roads. Dr. Peatfield procured 31 soil samples and 2 rock samples and noted minor amounts of disseminated chalcopyrite in a hornfelsic rock on Spur road 2. This appraisal resulted in Mr. Peatfield recommending a $20,000.00 program to map the entire property at a scale of 1:5,000 and to carry out a soil sampling grid in the northeastern portion of the Helga 1 claim.

GEOLOGY

The regional geology in the property area, as depicted on G.S.C. O.F.-821 (Muller, 1982), comprises a series of west-northwesterly trending, fault-bound blocks which alternate between Karmutsen Formation volcanics and Quatsino Formation sediments and limestone. These fault blocks of Triassic rocks are bound to the east and north by granodiorite to diorite, lower to middle Jurassic rocks known as the Island Intrusions and to the south by upper Paleozoic and/or Triassic and Jurassic rocks of the Westcoast Complex. The Karmutsen volcanics are dominated by tholeiitic basalt and where they are proximal to Jurassic intrusions, may be recrystallized to fine grained diorite (Muller, 1982). Westcoast Complex diorite, mapped to the south of the property by Muller, has been found to occur further north, along the southern boundary of the Frost Lake property.

The geology underlying the Frost Lake property is not well understood, though a compilation of various mapping programs gives a reasonable overview. Western Mines undertook a regional mapping program extending beyond the property boundaries and carried out some detailed mapping in the central portion of the F.R.S. claim.

It is apparent that at least three major limestone beds traverse the property: a massive occurrence at the northern end of the F.R.S. 1 claim; an east trending band of limestone in the central portion of the F.R.S. 1 claim, which is truncated at the eastern end by a diorite intrusive and; a westerly to northwesterly trending band in the northern Helga 1 and southern F.R.S. 1 claims. The middle band was the focus of Westmin exploration which tested skarn mineralization adjacent a small diorite stock. Westmin mapping (Saleken, 1977) showed that sediments of the Parsons Bay Formation are associated with the limestone at this locality and these are in fault contact with Karmutsen volcanics to the north and the limestone is in normal contact with the Karmutsen to the south. The limestone is a massive, fine grained, grey weathering unit that generally forms prominent rounded outcrop. Dyke swarms cut the entire area, including the diorite intrusions, and range from dioritic to aplite to dacite.

The southern limestone band trends northwesterly through the 1987 grid area, then is interpreted to be offset by an inferred northerly trending fault from which the unit continues with a westerly trend to the western property boundary. Mapping in the grid area indicates that the limestone is generally in high angle fault contact with the Karmutsen volcanics and that small fault slices of strongly fractured volcanics may separate outcrops of limestone. Dioritic dykes from one to several meters wide cut the grid area and while contact relationships are often poorly exposed, a westerly trend appears dominant.

The Karmutsen volcanics, which dominate much of the exposures on the property, are predominantly a series of andesitic to basaltic, commonly amygdaloidal, flows. In the southern portion

of the 1987 grid area, exposures of dark colored pillow breccia to aquagene tuff were mapped. Field observation indicates that the volcanics in the northern portion of the grid area comprise a more andesitic variety than in the southern grid area. This observation is based largely upon color variations and these rocks may be basalt.

A road traverse along the southern border area of the property defined a large diorite intrusion. This intrusive was noted to be cut (8-5) by a dacitic feldspar porphyry dyke. The diorites are generally medium to coarse grained, moderately magnetic and weakly altered. Large mafic xenoliths and dyke-like phases were observed in the diorite in the southwestern corner of the property.

Unit 2 is interpreted to represent an alteration phase adjacent dioritic intrusions. While these inferred intrusions are generally not observable in the grid area, one dyke contact zone at the southern end of spur road displays the same textural characteristics and allows the inference that these enigmatic altered rock types belong to the same type of occurrence. This unit is variable from a fine grained dark grey-black hornfels to a propylitically altered feldspar porphyry and, less commonly, a fine to medium grained microdiorite variety. The unit is generally massive and well jointed in outcrop and often breaks with a conchoidal fracture.

There is a tendency, at some localities, to map this rock type as an intrusive and at others as an altered volcanic. The author has concluded that it is presently preferable to map this rock type as a distinct unit whose relationship is an alteration product in a contact zone that is highly variable in texture

between hornfelsed basalt and altered intrusive. This unit is particularly extensive in the eastern portion of the grid area and coincides with the strongest alteration observed in the volcanic rocks. Because the mapping project was limited, and generally confined to road traversing, it is speculated that the extensive appearance of this unit may be less than is apparent, while at the same time implies the presence of an underlying intrusive body in the area. Dioritic outcrops south of line zero appear to grade into this unit and lend further support to this contention.

MINERALIZATION

Four small skarn occurrences were discovered while mapping in the grid area. Three of these occur along trunk road 8 at lines 1N, 2+25 N and 100 meters up the road from the east end of line 9N; the fourth occurrence lies on spur road 2 near L4N. All four occurrences are fault bound with the 1N occurrence showing the greatest continuity (see field sketches in appendix). The 1N skarn is comprised of a lens or bed of garnet-magnetite skarn carrying approximately twenty to forty percent magnetite with local blebs or disseminations of chalcopyrite. This skarn is in fault contact, at 170/85 NE, with an altered amygdaloidal unit that is probably basalt. The volcanic is bleached to a light green color and is cut by minor amounts of quartz-epidote veinlets. This showing disappears into overburden cover but was traced by outcrop and float for approximately ten meters along the apparent strike.

The skarn occurrence at TR8 and 2+25 N comprises a thin fault slice 2 to 10 cm wide of crumbly magnetite rich material which occurs near a faulted contact between a dark hornfelsic-dioritic unit and altered to hornfelsed volcanic rocks. This occurrence

is truncated at its upper end by a moderately dipping fault (105/60 SW) and trends parallel to its bounding faults at approximately 70-75/30-60 NW. This zone could not be traced in outcrop above the road cut.

The skarn at 9+50 N - TR8 is essentially non-mineralized. Skarned thin bedded sediments are in fault contact with altered volcanics at approximately 75/60-70 NW. The volcanics are faulted away from this contact zone and a narrow dioritic dyke cuts the contact area at 86/50-60 SE. Along the faulted contact occur ten to twenty cm blocks of grey limestone which are rimmed by rusty iron oxide material and malachite staining. No other evidence of limestone could be found in the immediate vicinity of the showing. It appears that this occurrence is a small relict fault wedge of skarned sediments that is largely eroded away.

Minor disseminated chalcopyrite occurrences were observed at a few localities and are generally associated with sheared, altered volcanics or hornfelsic to feldspar porphyry units. Sample FL-1 represents a narrow zone of quartz veining and silicification in altered basalts near L0+50N/3+00W and returned a value of 432 ppm copper; no sulphides were observed here. Sample FL-2 was taken from a sheared altered basalt that was cut by abundant epidote and minor quartz veinlets; minor disseminations of chalcopyrite and pyrite were noted. This sample yielded 535 ppm copper. Another small skarn occurrence was found on spur road 2 near L4N (Station 9-10). A fault-bound wedge of calc-silicate skarn and hornfels (actinolit-epidote) carries minor amounts of disseminated chalcopyrite. The zone measures approximately 0.3 m wide at the base and narrows to 15 cm at the top. Sample FL-3, near L7N on spur road 5, is a float occurrence of an epidote rich, brightly gossanous iron and manganese oxide coated rock

which carries disseminated chalcopyrite. The source of the float is not know and the outcrop in the vicinity is unaltered andesitic volcanics. This sample returned 3230 ppm copper. Moderate to weakly gossanous talus and outcrop of volcanics with minor amounts of quartz-epidote veinlets occur along spur road 6 between lines 6N and 7N. No mineralization was observed here. A diorite dyke cuts and alters basalts at the southern end of spur road 6 and is cut by quartz veinlets. One vein was observed to carry local chalcopyrite disseminations and malachite occurs locally in the outcrop exposure. Near the south end of spur road 2, a feldspar porphyry dyke was noted to be cut by quartz-epidote veinlets carrying minor amounts of chalcopyrite.

GEOCHEMICAL SAMPLING

Soil sampling was undertaken along compass and topofil measured lines, bearing approximately 225°, at 25 meter station spacing. Ten lines were placed at 100 meter spacings, numbering 0N to 9N and an additional four fill-in lines at 50 meter spacings were completed between 0N and 4N. The grid lies in the northeastern quarter of the Helga #1 claim. A total of approximately 9.3 line kilometers of grid was completed and 373 samples taken. Soil samples were obtained from the B horizon by digging with a mattock. The samples were placed in kraft paper bags and marked with the line and station number; sample stations were marked with teflon tags and flagging tape. The soil samples were submitted to Min-En Labs of North Vancouver for a 31 element trace ICP geochemical analysis plus a fire assay preparation and atomic absorption analysis for gold. Seven rock samples were obtained and submitted for analysis as well. The results of these analyses are contained in the appendix; copper and tungsten results from the soil sampling are plotted at a scale of 1:2,500 on an attached plan map.

DISCUSSION OF RESULTS

The focus of this program was to determine the potential in the grid area to discover high-grade copper bearing skarn mineralization. Massive chalcopyrite and magnetite float occurrences had previously been discovered in the area and weak copper occurrences and limestone units wer known to occur (Peatfield, 1986). Four skarn occurrences were discovered in the mapping program and a number of geochemical anomalies were outlined by the soil sampling. A review of the geochemical data suggested that copper and tungsten were showing the most significant results, and these were plotted on a plan map. A statistical analysis of the geochemical data indicates that the threshold for copper is approximately 81.73 ppm and that first order anomalous levels are attained at 120.33 ppm. The values for copper were subsequently contoured at the 80 and 120 ppm levels to graphically display anomalous zones.

Anomalies reflecting skarn mineralization are believed to occur: (a) along TR8 from L0N to L4N; (b) the eastern end of L9N and possibly at (c) L3+50N to L4N at 4W. The first two skarns have been described earlier and are characterizeed as weakly mineralized copper-magnetite mineralization limited in extent by dramatic fault disruption. The occurrence at L1N shows the greatest potential for strike extension but returned low values in grab samples (74 and 429 ppm Cu). The third occurrence might more adequately be described as a calc-silicate hornfels, though the term skarn might as easily apply. The problem here is a lack of correlation to carbonate units, suggesting that this and other minor occurrences may be the result of alteration of a calcic volcanic unit and are fault controlled, and appear to be of limited extent and potential. Metasomatic skarns were not observed but may occur in areas where geochemical anomalies

transgress the trace of the limestone unit. The skarn occurrences observed may imply a nearby limestone unit that is not exposed, as is best supported by the occurrence of limestone blocks in the bounding fault at the L9N skarn showing.

Due to the scale and incomplete nature of the mapping (1:10,000), a good correlation between road placement and the grid lines was not made, resulting in some difficulty in correlating observed mineralization to geochemical anomalies. It is apparent however, that localized zones of quartz veining and shearing in the volcanics carry minor amounts of chalcopyrite and are responsible for a number of the anomalies. A strong relationship likely occurs with the enigmatic feldspar-porphyry, hornfels transitional unit in many of the copper anomalies, examples of which might be: the anomaly at L7 to 8N and TR8; the anomaly at spur road 2 and L7N; spur road 2 and 2N to 4N. The large anomaly along spur road 6 is open to grid north and west and outcrop along the road gives only moderate evidence of the source of mineralization. Zones of sheared and altered basalt are exposed which carry localized zones of quartz-epiote veinlets; no copper occurrences were noted. At the northern end of the grid, on spur road 6, minor recrystallization of limestone was noted in one outcrop and is interpreted as reflecting a nearby hydrothermal event. A probable northwesterly trending fault zone of regional significance is interpreted to transect this area and marks a strong topographic break above spur road 6 that parallels the topography. This structure may have a relationship to the geochemical anomaly.

While the sources of the strongly mineralized float occurrences could not be conclusively located, it has been shown that mineralized skarns occur in the grid area and many geochemical anomalies can not be adequately explained. Faulting in the area

has been observed to dramatically complicate local geologic relationships and could be expected to disrupt any potential ore zones, making them difficult to trace or discover. The simplified trace of the limestone unit will undoubtedly show greater complexity as mapping progresses. Several outcrops display fault contacts with the volcanics which are, at least locally, enclosed within the limestone trace. Intrusive activity appears to be strongest in the eastern (grid) portion of the grid and may reflect a proximity to the large dioritic mass to the south. These intrusive rocks are generally moderately magnetic and their subsurface occurrence might be detected by geophysical surveying, though some of the basalts are also magnetic. The magnetite skarn zones may be too narrow to show up in a magnetometer survey but should be easily discriminated from diorite occurrences if they are traversed at a suitable station spacing. Previous interpretations (Grove, 1985) of a gold association with skarn mineralization could not be supported by the results of this program, nor by sampling undertaken by Peatfield (1986). It is unlikely that a significant gold occurrence will be found in the grid area.

CONCLUSIONS

The geochemical sampling and geologic mapping program served to outline the following features:

1. The discovery of four skarn occurrences, one of which may be traceable for a significant distance.

2. These skarn occurrences are not coincident with significant exposures of limestone units.

3. Faulting has severely limited the dimensions of the exposed mineralization.

4. Limestone exposures are generally unaltered and do not indicate skarn development, though this could occur along the flanks of the exposures.

5. Geochemical sampling has resulted in the definition of a number of anomalous zones and can be correlated in many cases to observed mineral showings of limited potential; these showings comprise minor chalcopyrite disseminations in quartz veinlets or sheared and altered volcanics.

6. The skarn occurrences discovered all appear to show a geochemical expression in the soil cover that is best displayed in the copper results.

7. The mineralized float occurrences have not been adequately explained but may have a source related to the newly discovered skarn showings.

RECOMMENDATIONS

To complete the exploration of the grid area, the following endeavours are recommended:

1. Backhoe trenching along the presumed strike of the L1N skarn showing to determine its extent and character.

2. Geologic mapping along grid lines, particularly in the vicinity of geochemical anomalies and along the trace of the limestone unit; this could be extended to follow the trace northwesterly and westerly to the western property boundary.

3. Magnetometer and VLF-EM (I.G.S.) survey of the grid to determine magnetite rich skarn zones, and possibly to outline intrusive bodies as well as structural breaks.

4. If the mapping and prospecting determine a good exploration potential, then a program to extend the soil sampling where physical features allow could be undertaken to the east as far as the claim boundary or the Robertson River (approximately 1.5 line kilometers); 400 meters to the south (approximately 4 lines by 500 meters each); to the west on lines 2N to 9N to the base of the high bluffs (approximately 200-300 meters by 8 lines) and; to the north (approximately 3 lines 400 meters in length). This would total approximately 6.5 line kilometers of grid resulting in about 260 samples.

The above program should be completed for the expenditures outlined on the next page, and hopefully would result in drill target or trench site definition.

Estimate of Expenditures:

Geologist/Project Manager: 12 days x $300.00/day	$ 3,600.00
Field Assistant - Sampler: 8 days x $175.00/day	1,400.00
Geophysical Operator: 8 days x $190.00/day	1,520.00
Room and Board: 8 days x $140.00/day	1,120.00
Vehicle rental: 8 days x $50.00/day + fuel	500.00
Field equipment, travel and freight expenses	600.00
Geochemical analyses: 260 samples x $14.00/sample	3,640.00
Geophysical equipment rental: 8 days x $150.00/day	1,200.00
Drafting and report preparation	600.00
Backhoe and operator	1,000.00
Sub-total	15,180.00
10% contingency	1,518.00
Total	$16,698.00

STATEMENT OF QUALIFICATION

I, G.L. Garratt, of 110-325 Howe Street, in the City of Vancouver, British Columbia, do hereby certify that:

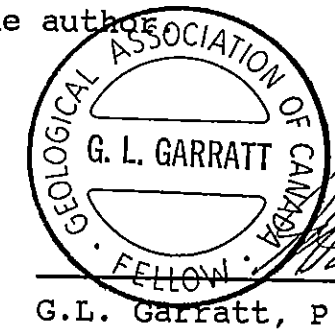
1. I have been practicing my profession as a geologist since completing my B.Sc. in geology at the University of British Columbia in 1972.

2. I am a member in good standing of the Association of Professional Engineers, Geologists, Geophysicists of Alberta and a Fellow in the Geological Association of Canada.

3. The opinions and interpretations given in this report are my own and are the result of field work undertaken by me and under my supervision during the period July 4 through July 11, 1987.

4. I do not hold, nor expect to receive, any interest in the Frost Lake property, nor do I hold shares or any other interest in the properties of Beau Pre Exploration Ltd.

5. This report may be used, in its complete and unedited form, by Beau Pre Explorations Ltd., in submittals to the Superintendant of Brokers or the Vancouver Stock Exchange, as may be required by those agencies. Excerpts or quotations from this report may not be used without the prior written consent of the author.



G.L. Garratt, P.Geol., F.G.A.C.

August 5, 1987

APPENDIX 2 - REFERENCES

1. Grove, E.W.; - 1985 - Geology and Work Proposal on the Beau Pre Explorations Ltd. Frost Lake Property; 15 pp and appendices

2. GSC Open File 821; 1982 - Geology of Nitinat Lake Map Area; 1 map with notes

3. Peatfield, G.R.; 1986 - Geology and Geochemistry on the Frost Lake Group; 12 pp and appendices

4. Saleken, L.W.; 1977 - Conquest Project, Report on Geology, Geochemistry and Magnetics, Conquest - Victor Claims; 9 pp and appendix and 9 maps

Appendix 2: Statement of Expenditures

Fees: G.L. Garratt - Geologist - 12 days x $300/day	$ 3,600.00
T. MacKenzie - Sampler - 9 days x $175/day	1,575.00
Truck Rental: 8 days x $50/day	400.00
Room and Board: Aprox. $51/man/day	815.36
Analytical Costs: 373 soils x 14.15; 7 rocks x 16.25; statistics - 93.25	5,484.95
Drafting	245.00
Secretarial, report preparation	198.25
Reproduction, courier, telephone	112.43
Field Equipment (expendable)	261.24
Fuel, miscellenaous expenses	214.86
Total Expenditures:	$12,907.09

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CORRELATION COEFFICIENTS

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: [illegible]
SAMPLE TYPE: [illegible]
ANALYTICAL: [illegible]

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN IN DARKER PRINT AND UNDERLINED.

	AG	AS	CD	CU	PB	ZN	AU
AG	1.000	.066	<u>-.198</u>	<u>.334</u>	<u>.139</u>	<u>.135</u>	.012
AS		1.000	<u>.324</u>	<u>.296</u>	<u>.177</u>	<u>.406</u>	-.180
CD			1.000	<u>.142</u>	<u>.216</u>	<u>.461</u>	-.054
CU				1.000	<u>.175</u>	<u>.350</u>	-.003
PB					1.000	<u>.220</u>	.027
ZN						1.000	-.114
AU							1.000

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEX: 04-352628 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AG

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-730/7-801

DATE: [illegible]
SAMPLE TYPE: SOILS
ANALYSIS BY: [illegible]

NUMBER OF SAMPLES:	377
MAXIMUM VALUE:	2.70 PPM
MINIMUM VALUE:	.10 PPM
MEAN:	.94 PPM
STD. DEVIATION.	.37 PPM
COEFF. OF VARIATION:	.39

5 HIGHEST AG VALUES:
L6+00N 1+00W
L3N 8+75W
L8+00N [illegible]
L2N 1+00W
L6+00N 5+00W

HISTOGRAM FOR AG CLASS INTERVAL = .07

	MID CLASS PPM	CLASS %	
	.60	12.67	[redacted]
	.67	7.51	[redacted]
	.71	7.77	[redacted]
	.78	19.84	[redacted]
	.85	0.00	
	.92	11.26	[redacted]
	.99	9.92	[redacted]
	1.06	0.00	
	1.13	5.90	[redacted]
	1.20	7.24	[redacted]
	1.27	4.02	[redacted]
	1.34	0.00	
	1.41	3.75	[redacted]
	1.48	2.95	[redacted]
	1.55	0.00	
	1.62	2.68	[redacted]
	1.69	1.61	[redacted]
	1.76	0.00	
	1.83	1.61	[redacted]
	1.90	0.00	
	1.97	0.00	
>	1.90	1.07	[redacted]

0.00% 7.92% [illegible]%
FREQUENCY (%)

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

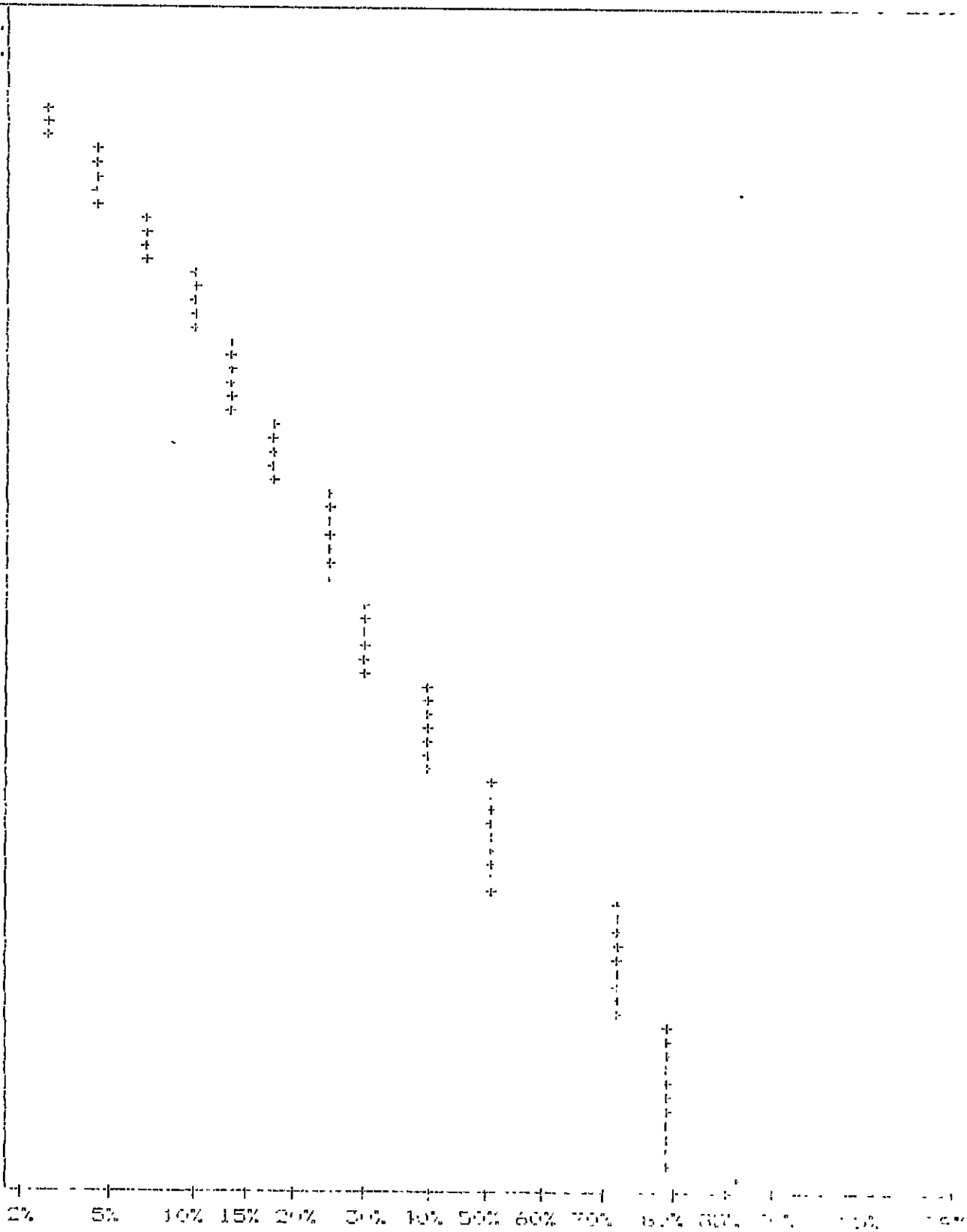
TELEX: 04-352628 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AG

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 12/87
SAMPLE TYP: SOIL
ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
1.76	2.95
1.71	2.95
1.67	4.56
1.62	4.56
1.58	7.24
1.54	7.24
1.49	10.19
1.45	10.19
1.41	10.19
1.37	13.94
1.34	13.94
1.30	13.94
1.27	17.96
1.23	17.96
1.20	25.20
1.16	25.20
1.13	25.20
1.10	25.20
1.07	31.10
1.04	31.10
1.01	31.10
.99	41.02
.96	41.02
.93	41.02
.91	41.02
.88	52.28
.86	52.28
.84	52.28
.81	52.28
.79	72.12
.77	72.12
.75	72.12
.73	72.12
.71	72.12
.69	79.89
.67	79.89
.65	79.89
.63	79.89
.62	79.89
.60	87.13



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AS

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: B. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

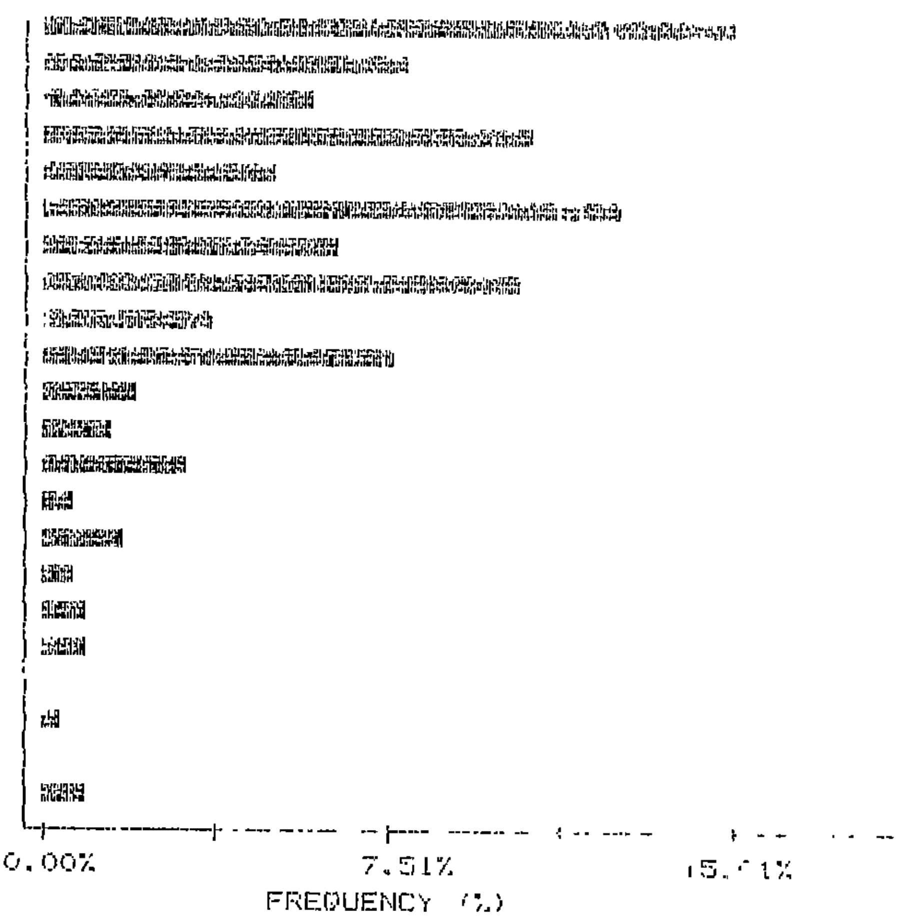
DATE: JULY [illegible]
SAMPLE TYPE: SOILS
ANALYSIS [illegible]

NUMBER OF SAMPLES: 373
MAXIMUM VALUE: 35.00 PPM
MINIMUM VALUE: 1.00 PPM
MEAN: 1[illegible].95 PPM
STD. DEVIATION: 7.49 PPM
COEFF. OF VARIATION: .56

5 HIGHEST AS VALUES:
L2+00N [illegible]
L6+00N 7+00[illegible]
L9+00N 4+50[illegible]
L1+50N 3+50[illegible]
L8+00N 8+75W

HISTOGRAM FOR AS CLASS INTERVAL = 1.45

MID CLASS PPM	CLASS %
[illegible].00	15.01
6.72	8.64
8.17	5.90
9.62	10.72
11.07	5.09
12.52	12.60
13.97	6.43
15.42	10.46
16.87	3.75
18.32	7.77
19.77	2.14
21.22	1.61
22.67	3.22
24.12	.80
25.57	1.88
27.02	.80
28.47	1.07
29.92	1.07
31.37	0.00
32.82	.54
34.27	0.00
35.00	1.07



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

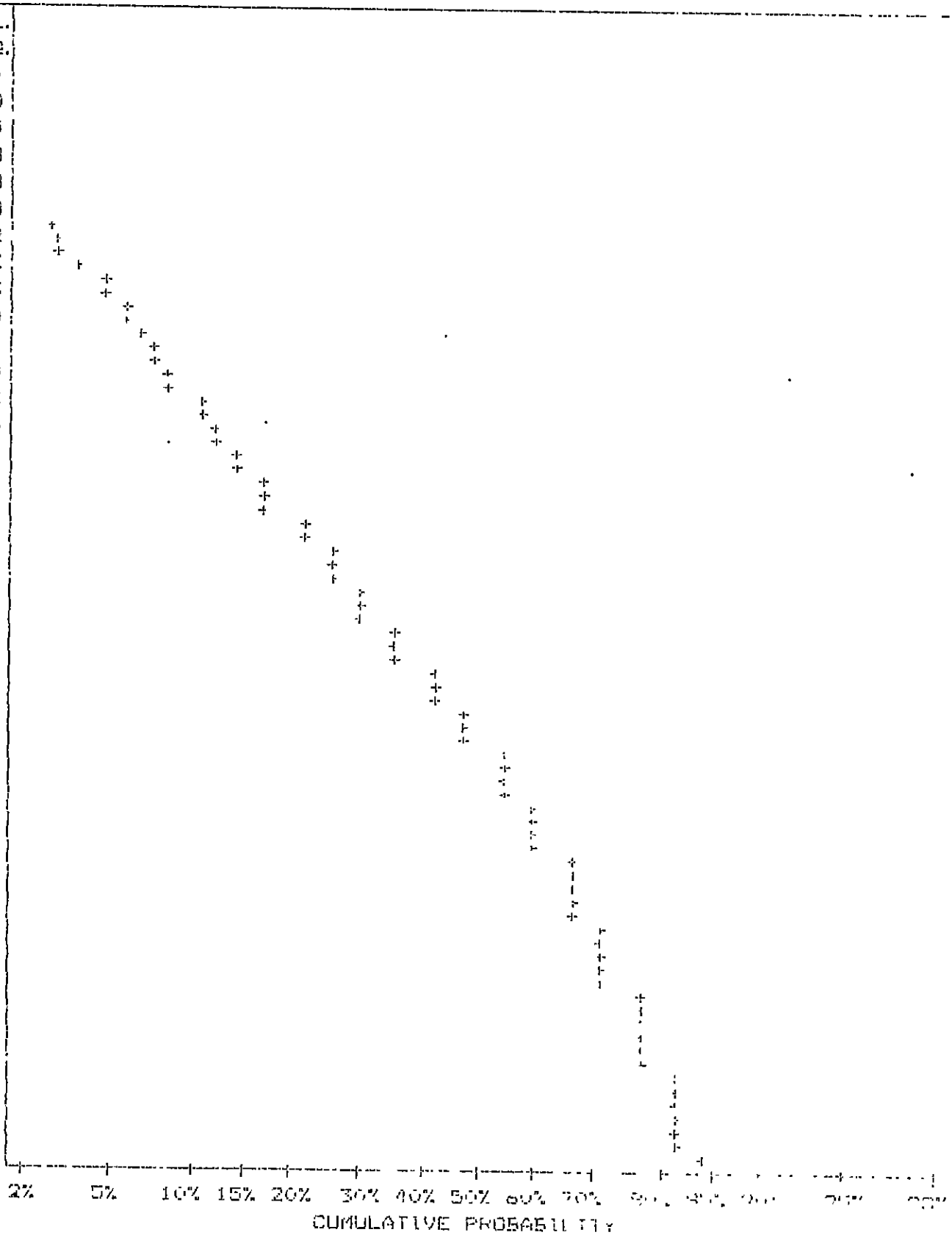
TELEX: 04-352828 PHONE:(604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AS

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY [illegible]/87
SAMPLE TYPE: SOIL
ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
36.16	.80
34.52	1.34
32.97	1.88
31.49	1.88
30.07	1.88
28.72	3.22
27.43	4.02
26.19	4.83
25.01	5.90
23.89	7.51
22.81	8.58
21.79	10.72
20.80	12.33
19.87	14.48
18.97	17.43
18.12	17.43
17.30	22.25
16.52	26.01
15.78	30.56
15.07	30.56
14.39	36.46
13.75	42.90
13.13	42.90
12.53	47.72
11.97	55.50
11.43	55.50
10.92	60.59
10.43	60.59
9.96	66.76
9.51	66.76
9.08	66.76
8.67	71.31
8.28	71.31
7.91	77.21
7.55	77.21
7.21	77.21
6.89	82.04
6.58	82.04
6.28	82.04
6.00	84.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON CD

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE #: 7-750/7-801

DATE: JULY [illegible]/87
SAMPLE TYPE: SOIL
ANALYSIS TYPE: I.C.P.

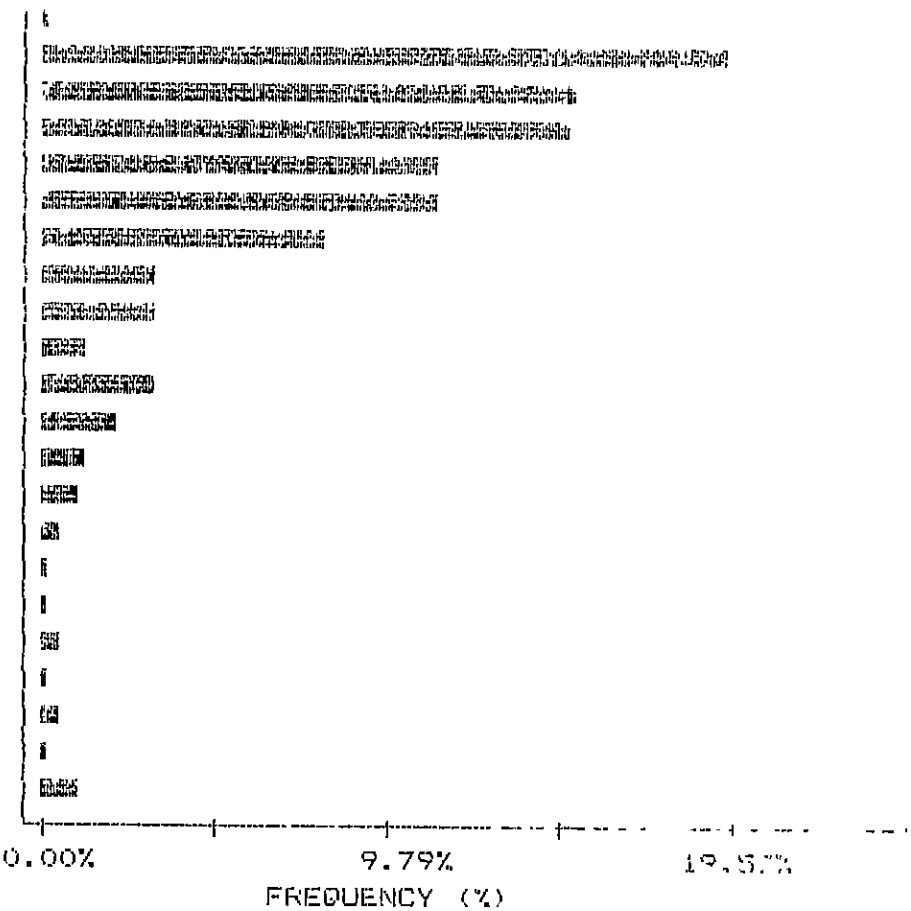
NUMBER OF SAMPLES:	372
MAXIMUM VALUE:	10.80 PPM
MINIMUM VALUE:	.10 PPM
MEAN:	1.43 PPM
STD. DEVIATION:	1.38 PPM
COEFF. OF VARIATION:	.97

3 HIGHEST CD VALUES.

L2N 4+75W	[illegible]
L2N 5+75W	[illegible]
L2N 3+25W	[illegible]
L1N 4+50W	[illegible]
L2N 6+50W	[illegible]

HISTOGRAM FOR CD CLASS INTERVAL = .32

MID CLASS PPM	CLASS %
< .10	.27
.26	19.57
.58	15.28
.90	15.01
1.22	11.26
1.54	11.26
1.86	8.04
2.18	3.22
2.50	2.22
2.82	1.34
3.14	3.22
3.46	2.14
3.78	1.34
4.10	1.07
4.42	.54
4.74	.27
5.06	.27
5.38	.54
5.70	.27
6.02	.54
6.34	.27
6.50	1.07



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

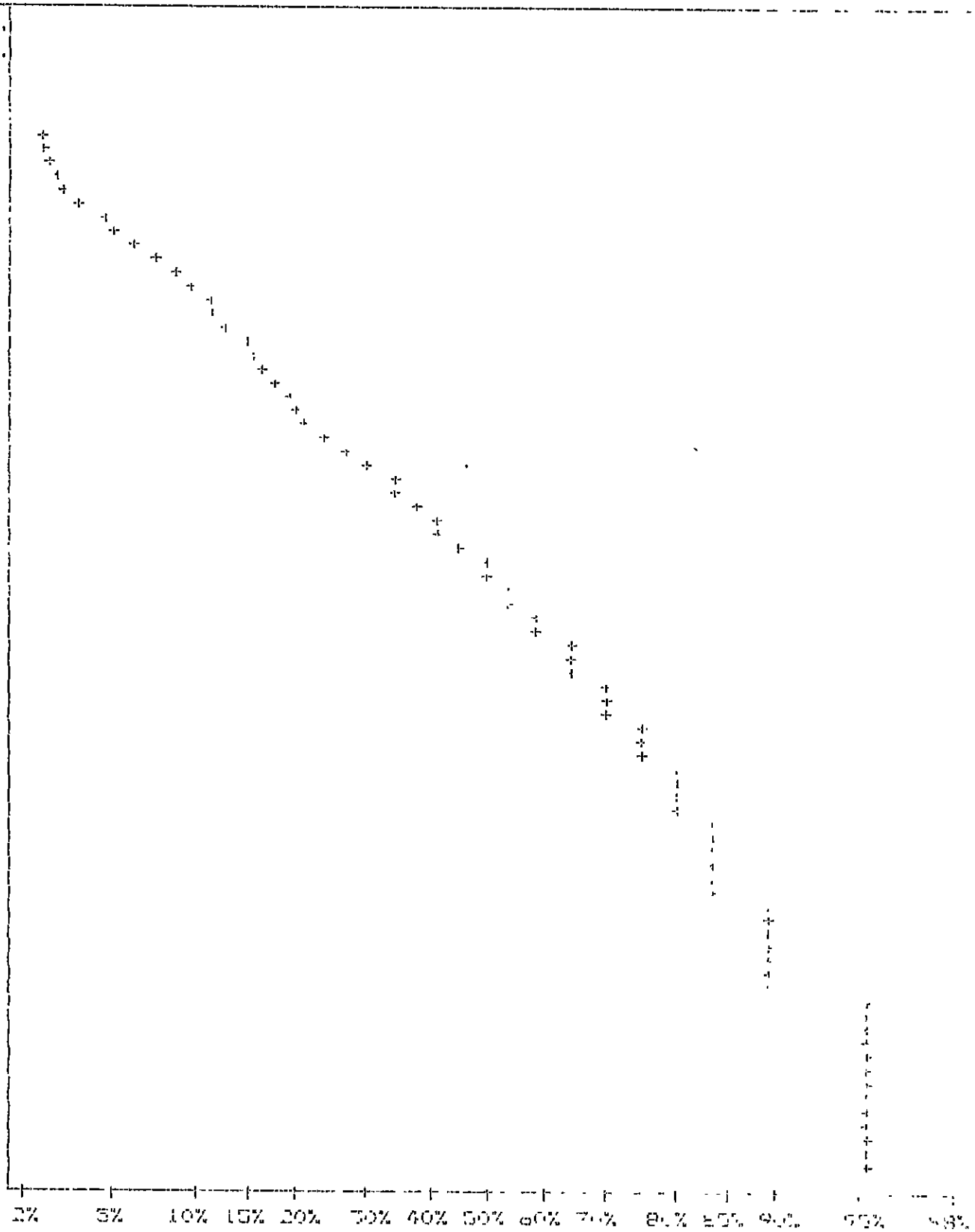
TELEX: 04-352828 PHONE:(604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CD

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 22/87
SAMPLE TYPE: SOILS
ANALYSIS TYPE: [illegible]

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
6.22	1.34
5.60	2.41
5.04	2.95
4.53	3.49
4.07	4.83
3.66	6.43
3.30	9.12
2.96	11.80
2.67	13.14
2.40	16.35
2.16	18.50
1.94	20.64
1.75	24.66
1.57	30.83
1.41	35.12
1.27	42.09
1.14	45.58
1.03	50.13
.92	54.16
.83	59.79
.75	65.15
.67	70.78
.61	70.78
.54	75.60
.49	80.43
.44	80.43
.40	83.65
.36	83.65
.32	83.65
.29	89.54
.26	89.54
.23	89.54
.21	89.54
.19	95.44
.17	95.44
.15	95.44
.14	95.44
.12	95.44
.11	95.44
.10	99.73



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON CU

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

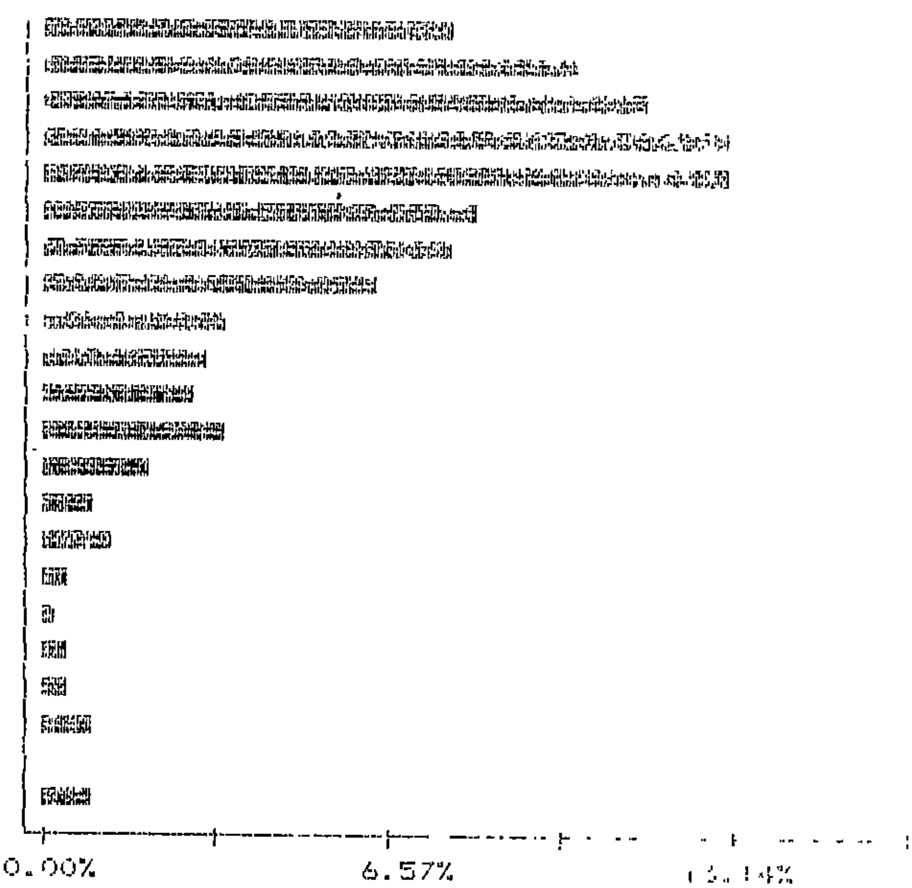
DATE: JULY [illegible]/87
SAMPLE TYPE: SOILS
ANAL: [illegible] TYPE: [illegible]

NUMBER OF SAMPLES: 373
MAXIMUM VALUE: [illegible] PPM
MINIMUM VALUE: 6.00 PPM
MEAN: 63.07 PPM
STD. DEVIATION: 46.17 PPM
COEFF. OF VARIATION: .71

5 HIGHEST [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

HISTOGRAM FOR CU CLASS INTERVAL [illegible]

MID CLASS PPM	CLASS %
19.00	7.77
23.83	10.19
33.48	11.53
43.13	13.14
52.78	13.14
62.43	8.31
72.08	7.77
81.73	6.43
91.38	3.49
101.03	3.22
110.68	2.95
120.33	3.49
129.98	2.14
139.63	1.07
149.28	1.34
158.93	.54
168.58	.27
178.23	.54
167.88	.54
197.53	1.07
207.18	0.00
212.00	1.07



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

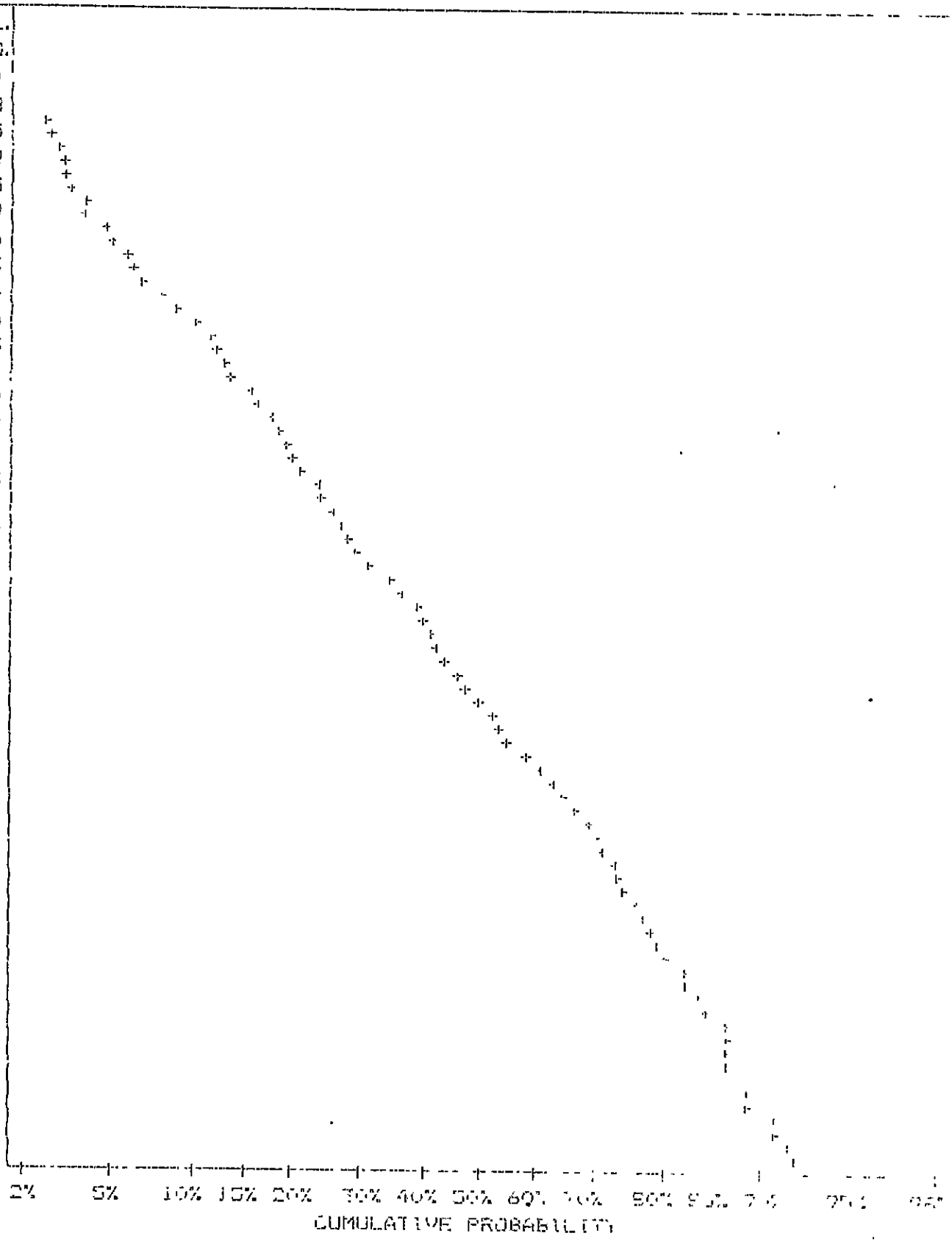
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CU

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 17, 87
SAMPLE TYPE: SOIL
ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
196.23	1.88
184.81	2.95
174.08	3.49
163.97	3.75
154.43	4.29
145.46	5.36
137.01	6.43
129.05	8.04
121.54	10.46
114.49	12.33
107.82	14.21
101.57	16.89
95.66	18.77
90.10	20.11
84.87	24.13
79.93	26.54
75.30	28.95
70.93	32.17
66.80	37.27
62.91	40.75
59.26	43.43
55.82	46.92
52.57	51.21
49.51	54.42
46.64	58.98
43.93	64.34
41.36	67.29
38.97	70.78
36.71	73.19
34.58	74.53
32.57	77.21
30.67	79.89
28.90	82.31
27.21	83.65
25.63	86.60
24.15	86.86
22.74	88.74
21.41	89.28
20.18	91.15
19.00	92.23



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON PB

COMPANY: MINCORD EXPL.CON.LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 22/87
SAMPLE TYPE: SOILS
ANALYSIS TYPE: I.C.P.

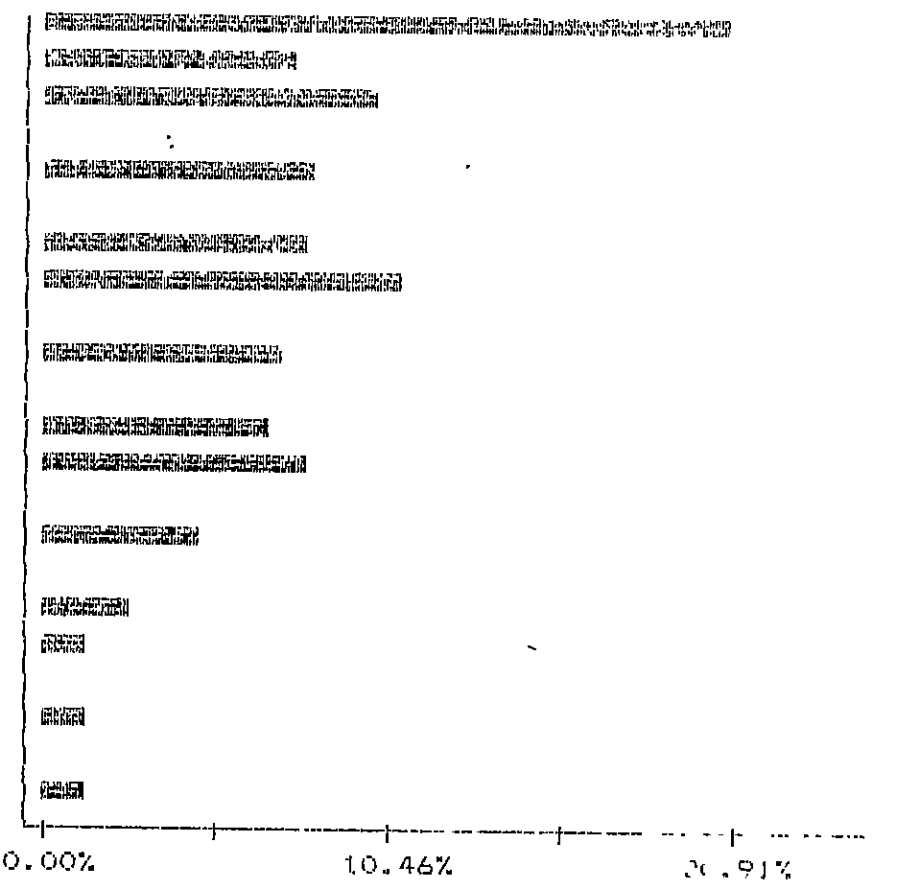
NUMBER OF SAMPLES:	377
MAXIMUM VALUE:	20.00 PPM
MINIMUM VALUE:	3.00 PPM
MEAN:	7.05 PPM
STD. DEVIATION:	3.68 PPM
COEFF. OF VARIATION:	.41

5 HIGHEST PB VALUES:

L6+00N 1+50W
L6+50N 4+00W
L6N 6+50W
L6+00N 6+50W
L6+00N 8+50W

HISTOGRAM FOR PB CLASS INTERVAL = .6

MID CLASS PPM	CLASS %
6.00	20.91
6.30	7.77
6.90	10.19
7.50	0.00
8.10	8.31
8.70	0.00
9.30	8.04
9.90	10.99
10.50	0.00
11.10	7.24
11.70	0.00
12.30	6.97
12.90	8.04
13.50	0.00
14.10	4.83
14.70	0.00
15.30	2.68
15.90	1.34
16.50	0.00
17.10	1.34
17.70	0.00
18.00	1.34



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

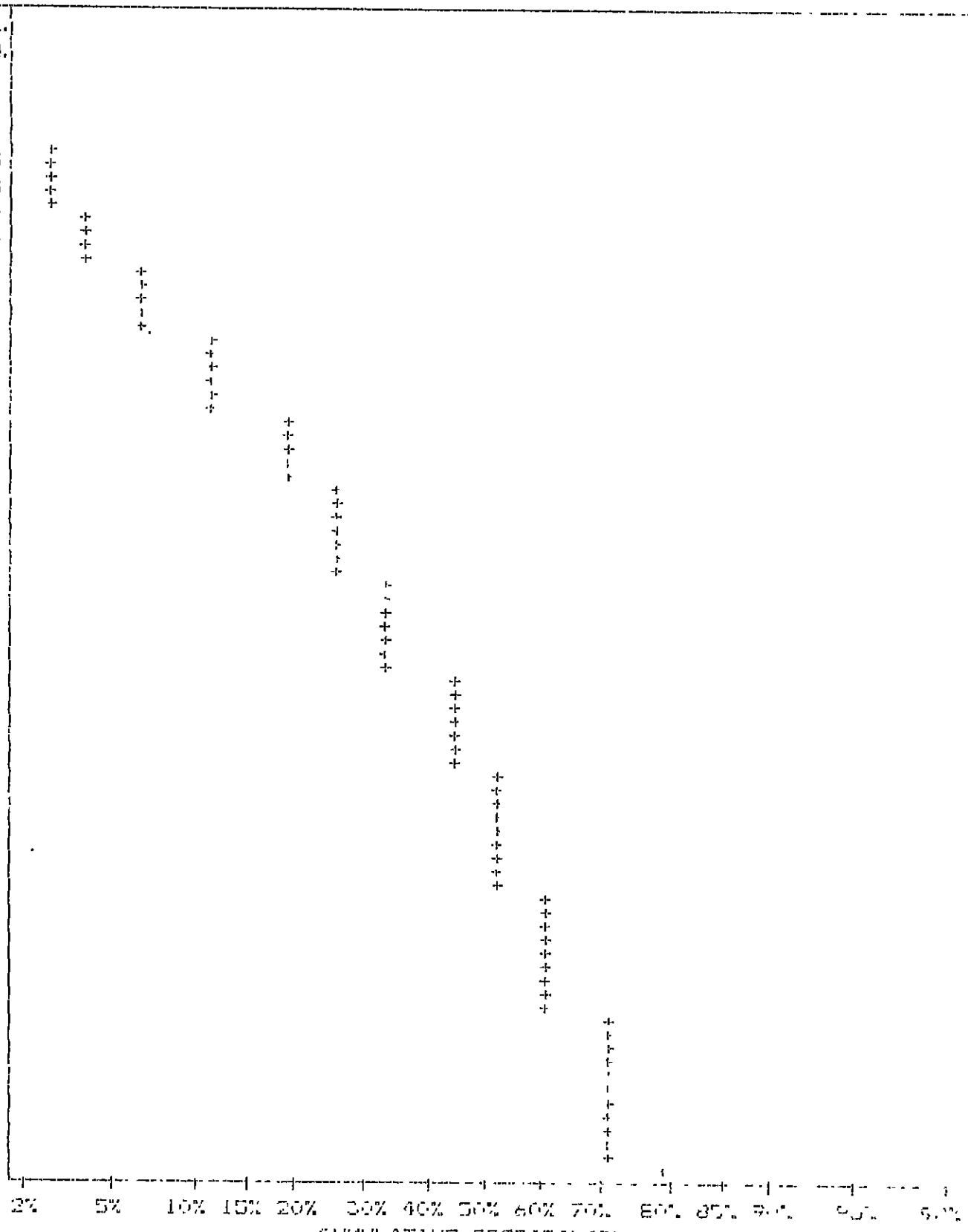
TELEX: 04-352828 PHONE:(604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON PB

COMPANY:MINCORD EXPL.CON.LTD.
ATTN:G. GARRETT
PROJECT:FROST LAKE
FILE#:7-750/7-801

DATE:JULY 22 '87
SAMPLE TYPE:SOIL
ANALYSIS TYPE:[illegible]

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
17.63	1.61
17.15	1.61
16.68	2.95
16.22	2.95
15.78	4.29
15.35	4.29
14.93	6.97
14.53	6.97
14.13	6.97
13.75	11.80
13.37	11.80
13.01	11.80
12.65	19.84
12.31	19.84
11.97	26.81
11.65	26.81
11.33	26.81
11.02	26.81
10.72	34.05
10.43	34.05
10.14	34.05
9.86	45.04
9.60	45.04
9.34	45.04
9.08	45.04
8.83	53.08
8.59	53.08
8.36	53.08
8.13	53.08
7.91	61.39
7.69	61.39
7.48	61.39
7.28	61.39
7.08	61.39
6.89	71.58
6.70	71.58
6.52	71.58
6.34	71.58
6.17	71.58
6.00	79.09



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON ZN

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 22/87
SAMPLE TYPE: SOIL
ANALYSIS TYPE: T.C.P.

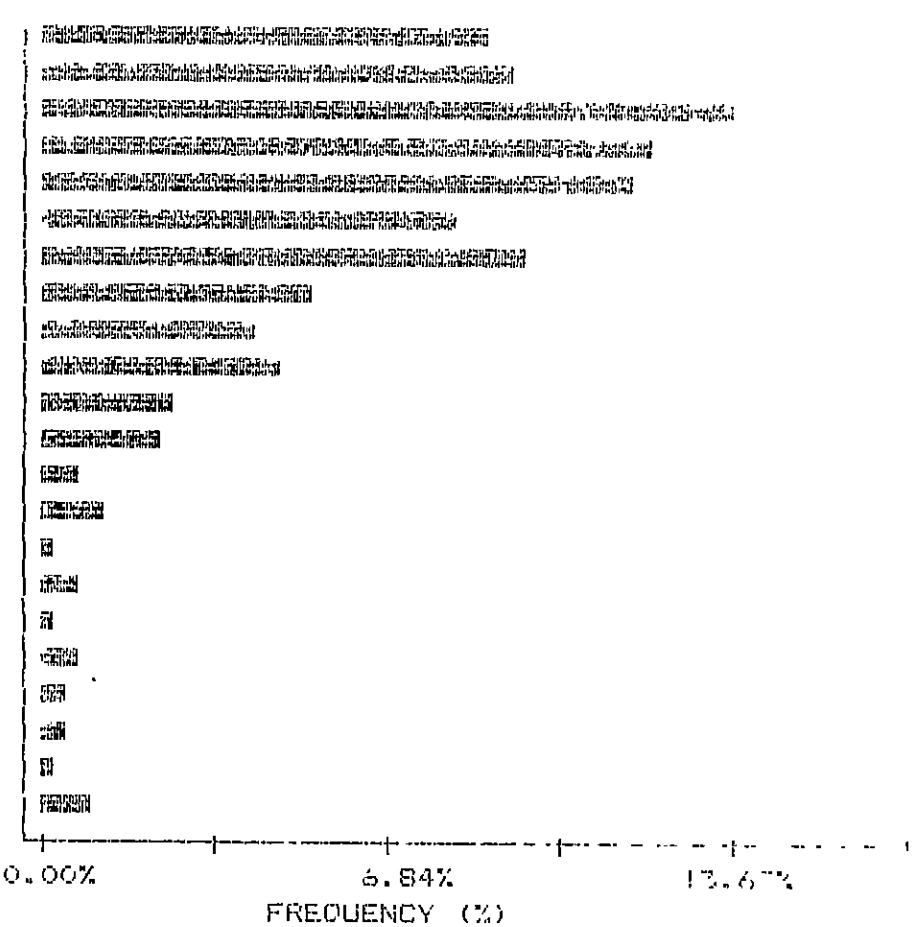
NUMBER OF SAMPLES:	377
MAXIMUM VALUE:	16.00 PPM
MINIMUM VALUE:	12.00 PPM
MEAN:	41.18 PPM
STD. DEVIATION:	14.65 PPM
COEFF. OF VARIATION:	.36

5 HIGHEST ZN VALUES:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]

HISTOGRAM FOR ZN CLASS INTERVAL = 3.2

MID CLASS PPM	CLASS %
27.00	8.85
28.60	9.78
31.80	17.67
35.00	12.06
38.20	11.80
41.40	6.71
44.60	9.68
47.80	5.36
51.00	4.29
54.20	4.83
57.40	2.68
60.60	2.41
63.80	.80
67.00	1.34
70.20	.27
73.40	.80
76.60	.27
79.80	.80
83.00	.54
86.20	.54
89.40	.27
91.00	1.07



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

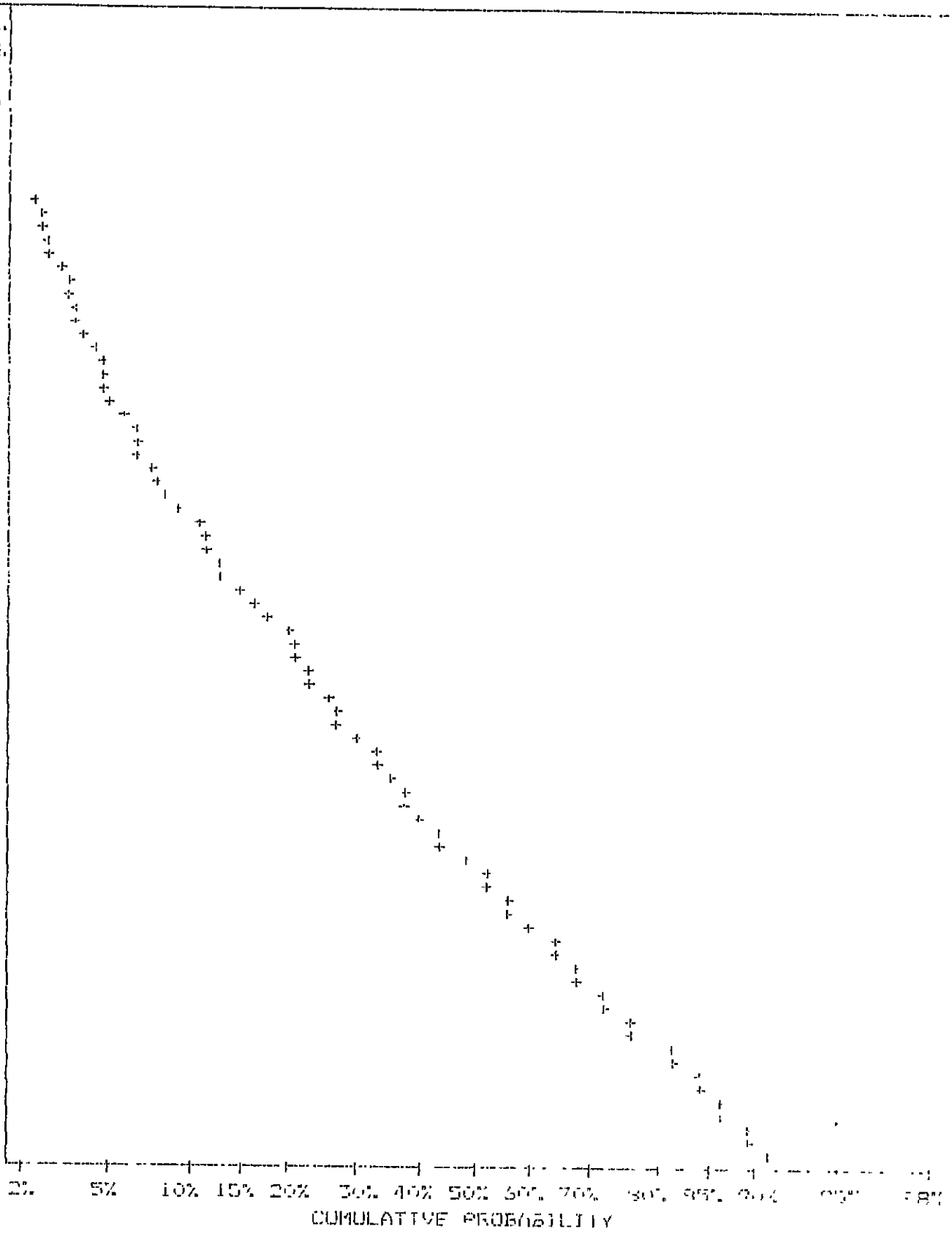
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON ZN

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY [illegible]/87
SAMPLE TYPE: SOILS
ANALYSIS TYPE: [illegible]

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
94.93	.80
91.91	1.07
88.99	1.61
86.18	1.61
83.43	2.41
80.78	2.68
78.22	3.49
75.73	3.75
73.33	4.02
71.01	4.56
68.77	4.83
66.58	5.36
64.48	6.70
62.42	6.97
60.45	8.31
58.54	9.36
56.67	11.80
54.86	12.87
53.14	15.55
51.43	17.96
49.81	21.18
48.22	23.06
46.71	26.54
45.22	27.88
43.79	33.51
42.39	36.19
41.07	38.87
39.74	44.50
38.50	49.33
37.26	53.08
36.10	56.30
34.94	64.88
33.83	68.36
32.75	72.12
31.72	76.94
30.73	82.04
29.75	84.72
28.81	87.13
27.89	89.54
27.00	91.15



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AU

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY [illegible]/87
SAMPLE TYPE: SOIL
ANALYSIS TYPE: [illegible]

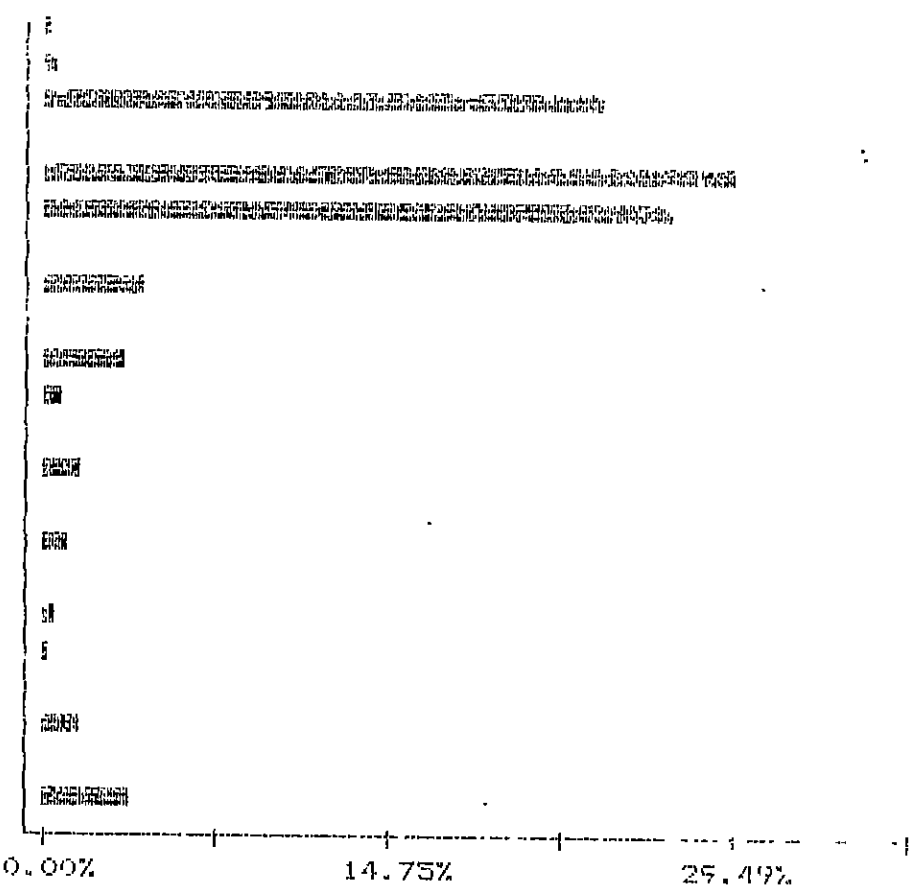
NUMBER OF SAMPLES:	173
MAXIMUM VALUE:	23.00 PPB
MINIMUM VALUE:	1.00 PPB
MEAN:	4.39 PPB
STD. DEVIATION:	4.72 PPB
COEFF. OF VARIATION.	1.06

5 HIGHEST AU VALUES

L5N 1+25W	[illegible]
L5+00N 4+00W	[illegible]
L4N 2+50W	[illegible]
L3+50N 2+25W	[illegible]
L5N 6+50W	[illegible]

HISTOGRAM FOR AU CLASS INTERVAL = .6

MID CLASS PPB	CLASS %
1.00	.27
1.60	.54
1.90	24.13
2.50	0.00
3.10	29.49
3.70	27.08
4.30	0.00
4.90	4.29
5.50	0.00
6.10	3.75
6.70	.80
7.30	0.00
7.90	1.88
8.50	0.00
9.10	1.34
9.70	0.00
10.30	.54
10.90	.27
11.50	0.00
12.10	1.61
12.70	0.00
13.00	4.02



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

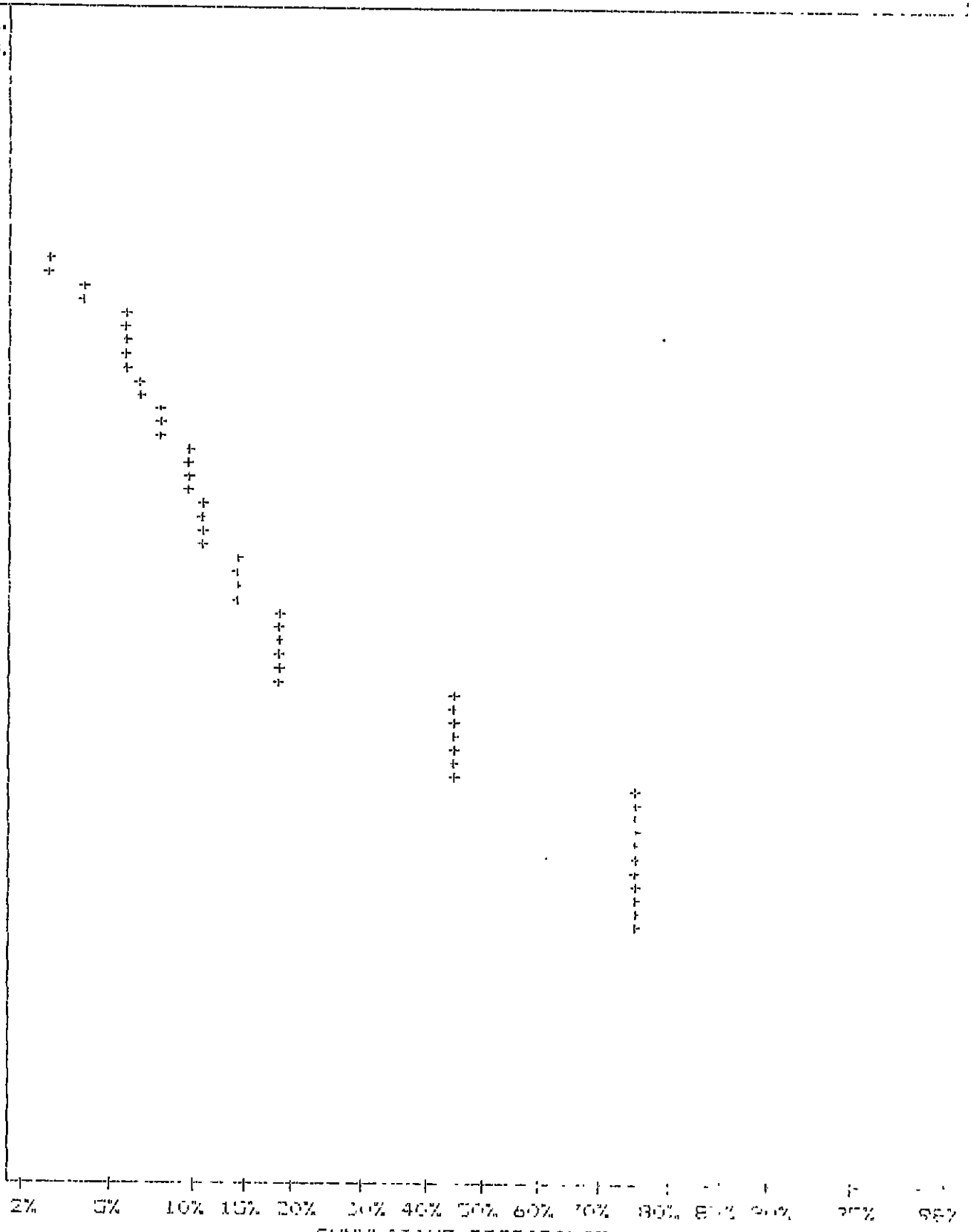
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AU

COMPANY: MINCORD EXPL. CON. LTD.
ATTN: G. GARRETT
PROJECT: FROST LAKE
FILE#: 7-750/7-801

DATE: JULY 22/87
SAMPLE TYPE: SOILS
ANALYSIS TYPE: I.C.P

UPPER LIMIT (PPB)	CUMMUL. FREQ. (%)
21.18	1.07
19.59	1.34
18.11	1.34
16.75	1.34
15.49	1.61
14.32	1.88
13.24	2.95
12.25	4.29
11.32	5.90
10.47	6.17
9.68	6.70
8.95	8.04
8.28	8.04
7.66	9.92
7.08	9.92
6.55	10.72
6.05	10.72
5.60	14.46
5.18	14.48
4.79	18.77
4.43	18.77
4.09	18.77
3.78	45.84
3.50	45.84
3.24	45.84
2.99	75.34
2.77	75.34
2.56	75.34
2.37	75.34
2.19	75.34
2.02	75.34
1.87	99.46
1.73	99.46
1.60	99.46
1.48	99.46
1.37	99.46
1.27	99.46
1.17	99.46
1.08	99.46
1.00	99.73



MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524 TELEX: VIA USA 7601067 UC

Analytical Report

Company: MINCORD EXPLORATION CONSULTANTS
Project: FROST LAKE
Attention: G.L. GARRATT

File: [illegible]-750
Date: JULY 17/87
Type: SOIL GEOCHEM

Date Samples Received : JULY 8/87
Samples Submitted by : G.L. GARRATT

Report on .....181 SOILS..... Geochem [illegible]
.....
..... Assay Samples
.....

Copies sent to:
1. MINCORD EXPLORATION CONSULTANTS, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh .....-80..... Ground to mesh .....

Prepared samples stored:.....X..... discarded:..... ....
rejects stored:..... discarded:.....X..... .....

Methods of analysis:

31 ELEMENT TRACE ICP
AU-PPB

Remarks

COMPANY: MINCORD EXPL. CON. LTD. MIN-EN LABS ICP REPORT (ACT:631) PAGE 1 OF 3

PROJECT NO: FROST LAKE 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 7-750/P1+2

ATTENTION: G.L.GARRATT (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:JULY 17, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
LON 0+00W	.8	24980	14	12	51	1.3	9	6250	1.7	8	88	35730
LON 0+25W	.9	31460	9	15	43	2.0	10	5640	2.2	14	149	44060
LON 0+50W	.8	26660	6	12	31	1.3	8	5950	.7	6	65	37060
LON 0+75W	.9	32170	3	15	32	1.3	9	5710	.9	7	74	38180
LON 1+00W	1.3	38770	5	19	38	1.7	14	6180	1.7	10	125	47740
LON 1+25W	.9	33780	13	16	34	1.4	9	5090	.9	7	81	45110
LON 1+50W	1.2	18220	12	8	28	1.2	10	6000	1.0	6	22	40680
LON 1+75W	.9	14640	9	7	24	.8	9	5390	.8	6	20	26630
LON 2+00W	.9	29100	10	14	41	1.5	8	5100	.9	7	52	42130
LON 2+25W	1.0	50540	13	25	63	2.5	9	8580	3.6	20	181	59160
LON 2+50W	.9	28880	14	13	31	1.2	8	4420	1.1	6	54	37390
LON 2+75W	1.0	28030	9	12	33	1.3	9	5530	.8	6	42	41890
LON 3+00W	1.0	33380	10	16	74	1.2	8	8010	1.6	9	82	34900
LON 3+25W	.9	34310	1	15	42	1.2	6	5230	1.3	7	55	34410
LON 3+50W	.8	23820	11	10	36	1.1	6	3940	.6	5	18	37520
LON 3+75W	.5	62670	6	32	132	2.1	6	6510	6.2	13	96	50110
LON 4+00W	.8	29470	11	14	58	1.2	6	5750	1.2	8	27	35280
LON 4+25W	.8	44090	15	22	92	1.5	5	4850	4.1	14	63	46020
LON 4+50W 40M	.8	39220	18	20	90	1.5	6	7070	3.7	14	56	48900
LON 4+75W	.9	53800	3	25	96	1.6	5	6510	.8	11	62	42340
LON 5+00W	.6	52750	9	25	86	1.6	8	4810	1.0	11	105	46960
LON 5+25W	.9	40430	12	19	100	1.8	9	5770	2.2	15	68	46760
LON 5+75W	1.0	46060	16	22	66	2.0	10	5330	2.1	14	117	50530
LON 6+00W	1.1	42960	17	21	70	1.7	9	6820	1.7	12	81	54220
LON 6+25W	1.0	28530	12	14	61	1.5	9	6390	1.4	14	45	37670
LON 6+50W	1.2	28410	16	14	65	1.3	11	8040	1.5	15	71	36060
LON 6+75W	1.0	34250	15	16	60	1.5	10	5520	.9	9	51	44710
LON 7+00W	1.2	52990	22	25	64	2.3	13	5810	3.2	12	101	58840
LON 7+25W	.9	31210	12	15	62	1.6	9	6940	1.8	13	46	47160
LON 7+50W	1.6	32190	3	16	81	1.8	15	7400	2.1	28	67	51470
LON 7+75W	.3	19530	7	12	40	1.2	5	3360	1.5	7	31	39450
LON 8+00W	.7	35730	13	12	138	1.2	8	11700	3.4	14	107	42520
LIN 0+50W	.5	32560	12	12	39	1.2	7	3920	2.3	9	102	40090
LIN 0+75W	.8	26800	7	14	38	.9	6	4440	1.5	39	93	37210
LIN 1+00W	.8	41400	14	12	44	1.2	8	4770	1.4	9	107	36750
LIN 1+25W	1.0	27550	10	12	38	1.2	9	5280	1.7	11	55	37760
LIN 1+50W	1.2	30380	11	12	32	1.2	8	4190	.3	6	46	39860
LIN 1+75W	.3	43820	13	10	44	1.1	6	3630	.3	5	67	36570
LIN 2+00W	.7	17400	10	12	20	1.2	6	3850	.6	4	21	39960
LIN 2+25W	1.0	26780	12	12	29	1.2	8	3710	1.7	6	45	42930
LIN 2+75W	1.3	31660	16	15	45	1.0	11	7980	3.1	12	64	36120
LIN 3+25W	.6	30550	11	12	48	1.2	5	4540	1.3	11	63	39560
LIN 3+50W	.4	28380	10	12	33	1.2	6	3630	.9	6	45	33450
LIN 3+75W	.5	23750	6	10	28	1.0	5	3220	1.0	5	38	29160
LIN 4+00W	.3	40950	21	12	74	1.2	2	7560	5.9	5	21	36130
LIN 4+25W	.4	38770	26	12	61	1.2	3	8230	5.3	6	21	46900
LIN 4+50W	.6	45100	30	12	63	1.2	2	9770	6.9	7	29	63910
LIN 4+75W	.5	39280	15	12	45	1.2	6	4670	2.6	6	31	36910
LIN 5+00W	.6	30130	12	12	37	1.2	6	3370	2.2	6	41	34170
LIN 5+25W	1.4	32530	15	18	58	1.6	8	3430	.8	8	35	49260
LIN 5+50W	.8	24750	13	19	54	1.8	5	7190	2.6	8	15	33990
LIN 5+75W	1.2	27950	12	20	43	2.0	6	4610	.9	13	81	35490
LIN 6+00W	1.0	39760	15	12	49	1.2	8	4650	1.1	12	196	46200
LIN 6+25W	1.0	28790	14	12	41	1.2	9	4210	1.1	8	41	43700
LIN 6+50W	.8	51410	20	17	91	1.5	6	4230	2.1	11	99	40810
LIN 6+75W	1.2	32370	16	14	43	1.2	9	4310	1.5	8	68	46680
LIN 7+00W	1.6	29620	16	12	45	1.2	11	4450	1.6	12	51	45780
LIN 7+25W	1.8	42250	18	15	55	1.6	12	5260	2.4	13	76	53600
LIN 7+50W	1.4	20070	11	12	43	1.2	8	5550	1.1	9	28	40250
LIN 7+75W	.9	14760	10	12	29	1.2	9	5590	.7	7	15	33910

COMPANY: MINCORD EXPL. CDN. LTD. | MIN-EN LABS ICP REPORT | (ACT:631) PAGE 2 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-750/P1+2

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 17, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
LON 0+00W	180	5	5100	395	2	140	3	540	11	3	43	1
LON 0+25W	240	9	5120	403	1	140	6	630	6	2	56	1
LON 0+50W	190	5	4240	241	3	110	3	370	10	3	51	1
LON 0+75W	190	6	4510	319	3	130	1	710	12	1	49	1
LON 1+00W	250	8	5210	319	1	120	1	690	7	4	63	1
LON 1+25W	220	6	4010	229	1	100	1	660	12	1	54	1
LON 1+50W	170	5	2830	209	1	110	1	620	5	2	60	1
LON 1+75W	230	3	2960	190	1	120	1	190	6	1	47	1
LON 2+00W	190	6	4630	224	1	100	1	340	12	3	51	1
LON 2+25W	310	12	16300	581	5	90	29	340	13	3	50	1
LON 2+50W	160	7	4060	195	2	100	2	740	11	3	46	1
LON 2+75W	190	5	3700	214	2	110	2	410	9	2	52	1
LON 3+00W	410	5	8210	422	2	160	5	660	10	1	61	1
LON 3+25W	230	6	5280	240	2	90	1	570	5	3	44	1
LON 3+50W	250	8	3000	188	2	80	1	600	10	1	39	1
LON 3+75W	520	13	27870	715	5	80	11	280	5	4	30	1
LON 4+00W	290	11	4340	518	1	110	8	720	11	1	50	1
LON 4+25W	350	15	15140	508	1	120	86	380	13	4	46	1
LON 4+50W 40M	350	14	17230	882	1	110	97	490	9	4	102	1
LON 4+75W	370	13	7680	1546	1	110	26	660	9	5	44	1
LON 5+00W	320	10	7670	434	4	100	33	400	16	1	29	1
LON 5+25W	320	9	7040	1066	3	70	23	610	14	1	47	1
LON 5+75W	340	12	8980	454	2	80	28	480	12	4	40	1
LON 6+00W	240	12	10910	518	1	80	35	430	7	1	56	1
LON 6+25W	290	10	5630	1269	2	100	14	600	7	1	59	1
LON 6+50W	300	9	8010	981	1	90	13	440	12	1	75	1
LON 6+75W	280	10	5440	390	1	90	9	330	10	3	16	1
LON 7+00W	320	11	10780	514	2	110	23	660	15	1	49	1
LON 7+25W	370	12	7770	1060	2	110	14	550	4	1	64	1
LON 7+50W	290	9	10600	1216	1	140	34	430	16	1	38	1
LON 7+75W	190	9	3340	531	1	80	6	350	6	2	25	1
LON 8+00W	260	9	14050	757	2	110	27	580	7	2	60	1
LIN 0+50W	150	9	6250	353	3	80	5	480	8	3	37	1
LIN 0+75W	180	6	3160	1384	2	40	4	430	5	1	50	1
LIN 1+00W	190	9	5430	461	1	80	1	550	5	1	49	1
LIN 1+25W	160	9	3410	270	1	80	1	380	4	3	66	1
LIN 1+50W	150	9	2800	206	3	80	2	710	12	1	53	1
LIN 1+75W	180	6	3680	535	1	60	2	1460	14	1	47	1
LIN 2+00W	130	9	2020	202	2	80	1	450	11	2	48	1
LIN 2+25W	200	9	3320	172	1	80	1	500	9	3	45	1
LIN 2+75W	200	7	9330	485	3	50	21	490	6	1	133	1
LIN 3+25W	200	9	4610	482	1	80	5	460	5	3	48	1
LIN 3+50W	150	9	3610	186	1	80	1	420	10	2	40	1
LIN 3+75W	130	11	4680	241	1	110	2	330	10	2	34	1
LIN 4+00W	290	16	27770	2966	3	80	11	920	17	4	17	1
LIN 4+25W	250	19	23260	1679	3	80	10	1110	16	4	20	1
LIN 4+50W	260	20	25370	1308	3	80	18	1290	6	5	19	1
LIN 4+75W	180	9	12670	337	2	80	1	480	12	4	37	1
LIN 5+00W	170	9	6410	292	1	80	1	490	13	3	34	1
LIN 5+25W	160	11	4210	298	1	80	1	360	10	1	37	1
LIN 5+50W	330	12	6910	1248	1	120	7	480	8	1	48	1
LIN 5+75W	160	13	4730	469	1	80	9	460	4	1	46	1
LIN 6+00W	220	9	6540	363	1	80	16	550	8	1	47	1
LIN 6+25W	230	9	5360	585	1	80	17	680	8	1	47	1
LIN 6+50W	310	13	8380	934	1	220	39	690	10	1	149	1
LIN 6+75W	240	9	6600	420	1	80	13	540	11	3	48	1
LIN 7+00W	240	9	4500	552	3	80	8	470	9	1	55	1
LIN 7+25W	320	10	8040	582	1	80	25	780	15	1	70	1
LIN 7+50W	170	9	3970	1171	2	80	6	560	11	1	66	1
LIN 7+75W	150	9	2670	255	1	80	2	290	5	1	71	1

COMPANY: MINCORD EXPL. CON. LTD. | MIN-EN LABS ICP REPORT | (ACT:G31) PAGE 3 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-750/P1+2

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 17, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
LON 0+00W	1	105.7	40	1	2	5	19	4
LON 0+25W	2	127.8	51	1	1	5	19	3
LON 0+50W	2	101.5	31	1	2	5	21	2
LON 0+75W	2	108.3	35	1	3	3	23	4
LON 1+00W	2	137.6	42	1	2	5	27	3
LON 1+25W	2	121.6	32	1	2	3	26	12
LON 1+50W	2	135.2	29	1	2	4	21	5
LON 1+75W	1	93.6	24	1	4	1	21	14
LON 2+00W	1	121.5	34	1	1	4	29	4
LON 2+25W	2	146.7	52	1	1	10	34	4
LON 2+50W	1	106.4	38	1	1	4	27	3
LON 2+75W	1	116.0	31	1	2	6	28	4
LON 3+00W	1	98.2	35	1	1	4	21	2
LON 3+25W	1	92.5	34	1	1	6	22	4
LON 3+50W	1	103.9	34	1	2	3	30	3
LON 3+75W	1	123.8	54	1	11	10	14	3
LON 4+00W	1	85.9	47	1	1	3	32	3
LON 4+25W	1	95.8	48	1	6	7	94	4
LON 4+50W 40M	1	94.7	49	2	9	7	93	3
LON 4+75W	1	83.1	55	1	11	10	30	2
LON 5+00W	1	140.7	51	1	1	9	34	4
LON 5+25W	1	100.8	72	2	7	7	34	2
LON 5+75W	1	126.6	47	1	13	8	36	3
LON 6+00W	1	128.8	54	1	2	1	50	2
LON 6+25W	1	92.0	51	1	4	5	32	4
LON 6+50W	1	90.7	41	2	6	1	25	5
LON 6+75W	1	126.6	39	1	2	2	33	2
LON 7+00W	1	146.0	53	1	6	7	47	4
LON 7+25W	1	134.6	47	2	3	1	39	3
LON 7+50W	1	139.9	66	2	19	1	62	2
LON 7+75W	1	89.6	33	1	3	1	25	2
LON 8+00W	2	109.4	43	2	1	1	51	4
L1N 0+50W	1	108.5	36	1	7	1	16	3
L1N 0+75W	1	87.8	32	1	3	1	12	4
L1N 1+00W	1	97.3	34	1	10	1	18	8
L1N 1+25W	1	113.2	32	1	5	1	20	7
L1N 1+50W	1	105.4	30	1	9	1	16	37
L1N 1+75W	1	86.1	28	1	13	1	15	6
L1N 2+00W	1	118.1	21	1	1	1	21	4
L1N 2+25W	1	114.0	27	1	3	1	22	3
L1N 2+75W	1	96.9	41	1	7	1	46	6
L1N 3+25W	1	105.6	35	1	1	1	26	2
L1N 3+50W	1	88.2	31	1	3	1	16	2
L1N 3+75W	1	75.0	44	1	7	1	12	4
L1N 4+00W	1	39.2	67	2	16	1	3	5
L1N 4+25W	1	55.6	93	2	4	1	5	5
L1N 4+50W	1	61.6	116	2	16	1	8	13
L1N 4+75W	1	84.2	44	1	1	1	1	4
L1N 5+00W	1	76.6	38	1	3	1	10	2
L1N 5+25W	1	140.0	30	1	7	1	25	4
L1N 5+50W	1	86.5	51	2	9	1	20	3
L1N 5+75W	1	98.8	40	1	8	1	21	1
L1N 6+00W	1	120.9	39	1	7	1	39	14
L1N 6+25W	1	111.9	36	1	1	1	48	2
L1N 6+50W	1	89.7	38	1	13	1	51	3
L1N 6+75W	1	116.6	39	1	3	1	40	4
L1N 7+00W	1	124.3	47	1	5	1	40	3
L1N 7+25W	1	122.2	58	1	6	1	52	4
L1N 7+50W	1	105.9	32	1	4	1	38	8
L1N 7+75W	1	110.5	23	1	4	1	24	3

COMPANY: MINCORD EXPL. CON. LTD. MIN-EN LABS ICP REPORT (ACT:G31) PAGE 1 OF 3

PROJECT NO: FROST LAKE 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 7-750/P3+4

ATTENTION: G.L.GARRATT (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:JULY 17, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L1N 8+00W	.5	20120	4	13	26	1.2	7	2450	.8	5	22	36120
L2N 0+50W	.8	33510	12	13	43	1.2	6	2910	1.1	13	116	36400
L2N 0+75W	1.5	23770	8	13	49	1.2	10	6830	2.6	8	41	45700
L2N 1+00W	1.9	23590	11	13	46	1.2	13	9540	1.4	10	23	41820
L2N 1+25W	.8	8550	4	13	20	1.2	7	4980	.7	4	6	23840
L2N 1+50W	1.0	19500	10	10	29	1.1	7	3920	.2	5	22	37560
L2N 1+75W	.6	24740	8	13	33	1.2	9	3980	.7	7	49	39190
L2N 2+00W	.9	29530	11	15	31	1.0	8	3540	1.5	8	71	38150
L2N 2+25W	1.1	32460	14	13	36	1.2	8	3000	1.7	6	47	40170
L2N 2+50W 40M	.7	17230	8	13	25	1.2	8	6750	1.0	5	25	33950
L2N 2+75W	1.4	35510	19	18	26	1.7	8	3380	.7	6	56	51170
L2N 3+25W	1.4	45180	18	17	35	1.5	10	4230	1.4	8	72	51050
L2N 3+50W	1.4	26660	14	13	28	1.2	11	5360	.2	8	44	48710
L2N 3+75W	1.1	30550	12	19	29	1.6	9	4410	.7	6	52	50050
L2N 4+00W	1.8	23280	13	13	23	1.2	11	8200	.9	8	42	38710
L2N 4+25W	.9	24810	13	13	49	1.2	6	8090	1.8	7	21	35030
L2N 4+50W	.9	36780	13	13	96	1.2	8	8610	3.3	11	87	40100
L2N 4+75W	.1	66180	26	19	52	1.2	2	3930	10.3	9	39	51690
L2N 5+00W	.7	44600	20	13	43	1.2	7	3680	3.0	10	53	46440
L2N 5+25W	.1	44250	24	13	61	1.2	3	4660	7.4	8	23	58240
L2N 5+50W	.8	30410	13	13	39	1.2	5	4110	3.2	8	21	41480
L2N 5+75W	.1	35760	27	13	64	1.2	1	6010	8.7	6	29	68340
L2N 6+00W	1.2	41750	20	13	51	1.2	9	4050	2.2	9	136	49940
L2N 6+25W	.8	27690	12	19	59	1.5	7	4520	1.5	8	48	40630
L2N 6+50W	.6	57170	22	17	112	1.6	4	15280	6.5	22	133	46810
L2N 6+75W	.8	47060	18	24	59	1.5	8	3800	3.3	13	107	43260
L2N 7+00W	.9	26530	14	20	43	1.6	7	4290	1.1	8	30	43510
L2N 7+25W	.8	25740	12	13	54	1.2	6	5730	2.8	14	37	41490
L2N 7+50W	.6	19670	9	13	40	1.2	7	3270	.7	8	34	31660
L2N 7+75W	1.2	21640	14	20	38	1.8	8	3040	1.6	8	45	42620
L2N 8+00W	.5	22200	7	14	50	1.2	9	3960	.5	8	25	38720
L2N 8+25W	.6	23380	8	19	33	1.6	11	3260	.3	6	27	44520
L2N 8+50W	1.5	34790	14	20	60	1.7	13	4670	1.5	14	57	57960
L2N 9+25W	1.6	30420	12	18	44	1.6	16	6950	2.3	11	69	54210
L3N 0+25W	.7	29640	12	14	62	1.2	10	8840	1.7	10	85	38500
L3N 0+50W	.6	23460	8	14	47	1.2	7	4750	.8	6	35	42950
L3N 0+75W	1.0	24700	9	14	40	1.2	10	4680	.1	5	61	46100
L3N 1+00W	.1	14480	1	10	24	.9	6	2460	1.0	3	8	25590
L3N 1+25W	.6	23360	5	14	25	1.2	9	3970	.2	5	42	35390
L3N 1+50W	.8	27220	8	14	32	1.2	9	4020	.9	8	67	395.0
L3N 1+75W	.6	32590	8	14	30	1.2	7	3570	.2	5	45	38170
L3N 2+00W	1.2	21470	6	14	24	1.2	10	4710	.5	6	37	42150
L3N 2+25W	.7	37890	11	20	33	1.8	10	4090	1.0	7	112	44410
L3N 2+50W	1.1	32630	14	19	31	1.9	10	3910	.1	6	38	58540
L3N 2+75W	.7	30320	11	14	33	1.2	8	4670	1.4	6	85	38060
L3N 3+00W	1.2	34890	9	14	33	1.2	10	5550	1.1	8	43	47080
L3N 3+25W	1.5	51980	17	14	42	1.2	11	6200	2.2	9	70	48230
L3N 3+50W	1.2	45380	15	22	39	1.8	11	5980	1.1	8	70	50330
L3N 4+00W	.7	46960	15	20	37	1.6	8	4670	2.4	11	95	41250
L3N 4+25W	1.0	29280	10	14	34	1.2	11	6400	1.1	7	34	44170
L3N 4+50W	1.6	36380	18	14	35	1.2	14	6180	.7	10	57	54080
L3N 4+75W	1.5	40320	16	18	39	1.9	13	6280	3.5	12	72	58520
L3N 5+00W	1.5	16630	13	14	37	1.2	12	3960	.5	7	16	49960
L3N 5+25W	.9	48790	21	20	49	1.8	10	5860	4.1	13	86	56760
L3N 5+50W	.2	52110	22	14	47	1.2	6	4110	5.3	8	45	44430
L3N 5+75W	.2	43420	14	14	28	1.2	6	2670	3.6	9	21	35400
L3N 6+00W	1.3	44550	19	14	42	1.2	10	9500	3.4	11	46	49650
L3N 6+25W	.1	52800	28	14	70	1.2	1	3380	5.0	12	49	40800
L3N 6+50W	.8	41110	14	14	49	1.2	8	4400	1.8	10	62	46940
L3N 6+75W	.8	35560	14	14	54	1.2	8	3440	2.0	8	44	45940

COMPANY: MINCORD EXPL. CDN. LTD. | MIN-EN LABS ICP REPORT | (ACT:531) PAGE 2 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-750/P3+4

ATTENTION: G.L.GARRATT | *(604)980-5814 OR (604)988-4524* | * TYPE SOIL GEOCHEM * | DATE: JULY 17, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L1N 8+00W	130	8	2800	168	1	80	2	350	4	1	31	1
L2N 0+50W	110	8	4530	479	1	80	5	400	3	1	22	1
L2N 0+75W	210	8	3810	444	2	80	1	560	8	2	74	1
L2N 1+00W	110	8	4740	203	2	80	4	300	5	3	153	1
L2N 1+25W	160	8	1600	192	1	80	1	360	5	1	62	1
L2N 1+50W	180	5	2150	249	1	120	2	570	10	1	50	1
L2N 1+75W	140	8	3290	171	1	80	1	250	8	2	40	1
L2N 2+00W	160	10	4040	223	2	60	1	440	6	1	40	1
L2N 2+25W	130	8	3420	359	1	80	2	370	8	3	33	1
L2N 2+50W 40M	310	8	2910	397	1	80	4	560	11	1	36	1
L2N 2+75W	200	14	3490	198	1	80	1	580	10	1	37	1
L2N 3+25W	220	13	5500	566	4	60	2	970	10	5	52	1
L2N 3+50W	170	8	4790	293	2	80	3	830	9	3	32	1
L2N 3+75W	170	12	3610	192	3	70	2	610	8	3	62	1
L2N 4+00W	110	8	4680	223	2	80	5	250	5	1	123	1
L2N 4+25W	200	8	5000	358	1	80	1	430	5	2	93	1
L2N 4+50W	260	8	10860	445	3	80	9	470	4	3	91	1
L2N 4+75W	220	17	66000	625	6	80	4	230	12	4	2	1
L2N 5+00W	210	10	12650	444	1	80	10	590	5	4	34	1
L2N 5+25W	160	11	27650	1134	2	80	6	630	10	4	14	1
L2N 5+50W	120	8	14910	786	1	60	2	380	7	3	59	1
L2N 5+75W	130	8	39230	2703	2	80	4	920	8	5	16	1
L2N 6+00W	220	8	8180	302	1	80	6	640	14	4	39	1
L2N 6+25W	230	11	5740	346	2	100	5	430	11	3	36	1
L2N 6+50W	500	13	26020	1125	1	80	68	370	13	5	102	1
L2N 6+75W	340	10	9300	360	2	80	37	310	4	1	50	1
L2N 7+00W	150	12	5300	227	1	120	2	220	6	3	41	1
L2N 7+25W	220	8	9000	811	2	80	37	430	8	1	55	1
L2N 7+50W	170	8	5380	458	1	80	11	290	9	1	31	1
L2N 7+75W	120	11	5400	288	1	110	14	320	6	2	29	1
L2N 8+00W	170	8	4650	1305	1	80	5	550	8	2	48	1
L2N 8+25W	120	12	3970	193	1	100	1	330	10	2	40	1
L2N 8+50W	230	10	5080	390	1	110	9	460	5	4	53	1
L2N 9+25W	250	11	7770	355	1	120	6	510	11	3	85	1
L3N 0+25W	320	8	7870	429	1	130	4	940	8	3	65	1
L3N 0+50W	140	8	2980	241	2	80	2	540	11	2	58	1
L3N 0+75W	160	8	2020	350	2	80	1	620	5	3	53	1
L3N 1+00W	140	5	1150	231	1	60	1	160	6	1	19	1
L3N 1+25W	240	8	2010	225	1	80	1	670	10	2	45	1
L3N 1+50W	210	8	3960	234	1	80	1	590	8	3	49	1
L3N 1+75W	170	8	2000	747	1	80	1	1100	12	1	43	1
L3N 2+00W	130	8	2990	198	2	80	1	430	5	2	61	1
L3N 2+25W	220	10	3750	298	2	100	2	540	4	3	46	1
L3N 2+50W	210	11	3340	183	2	90	1	970	3	2	51	1
L3N 2+75W	180	8	4120	204	2	80	1	520	8	3	49	1
L3N 3+00W	190	8	4520	215	3	80	2	530	13	3	81	1
L3N 3+25W	280	8	6180	270	4	80	1	610	16	1	81	1
L3N 3+50W	260	13	5450	406	1	110	2	1000	9	1	66	1
L3N 4+00W	210	12	8960	315	4	110	13	400	3	4	48	1
L3N 4+25W	170	8	4510	236	2	80	1	550	3	3	71	1
L3N 4+50W	200	8	6660	303	1	80	2	710	14	4	92	1
L3N 4+75W	220	11	9440	360	1	120	5	820	14	4	73	1
L3N 5+00W	70	8	2860	158	2	80	1	490	10	3	61	1
L3N 5+25W	180	10	15790	366	1	110	12	520	11	5	46	1
L3N 5+50W	290	9	21600	463	2	80	1	330	10	4	7	1
L3N 5+75W	140	10	9270	293	1	80	8	960	13	1	11	1
L3N 6+00W	170	8	9060	530	2	80	5	850	12	1	81	1
L3N 6+25W	360	15	19640	716	1	80	13	530	18	5	6	1
L3N 6+50W	210	8	7370	428	1	80	4	1110	12	1	43	1
L3N 6+75W	150	8	6940	376	2	80	1	550	5	3	39	1

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L1N 8+00W	1	96.2	31	1	2	1	19	3
L2N 0+50W	1	101.5	31	1	1	1	15	4
L2N 0+75W	1	144.6	33	1	4	1	22	6
L2N 1+00W	2	150.9	30	1	6	1	29	9
L2N 1+25W	1	96.3	23	1	2	1	10	13
L2N 1+50W	1	112.3	28	1	1	1	18	7
L2N 1+75W	1	119.1	24	1	1	1	15	10
L2N 2+00W	1	121.0	30	1	1	1	20	4
L2N 2+25W	1	118.2	29	1	2	1	22	3
L2N 2+50W 40M	1	81.9	25	1	[illegible]	1	19	[illegible]
L2N 2+75W	1	145.7	23	1	1	1	36	4
L2N 3+25W	1	123.4	31	1	3	1	40	6
L2N 3+50W	1	129.4	30	1	3	1	36	4
L2N 3+75W	1	124.9	30	1	3	1	32	3
L2N 4+00W	1	126.8	25	1	3	1	41	5
L2N 4+25W	1	102.6	35	1	3	1	11	4
L2N 4+50W	1	107.6	38	1	2	1	17	3
L2N 4+75W	1	69.6	31	2	3	1	2	2
L2N 5+00W	2	102.9	54	1	1	1	32	4
L2N 5+25W	1	85.0	61	2	3	1	9	3
L2N 5+50W	1	89.6	54	2	1	1	17	4
L2N 5+75W	3	46.0	111	3	5	1	2	3
L2N 6+00W	1	125.4	43	1	3	1	30	14
L2N 6+25W	1	115.2	35	1	3	1	28	3
L2N 6+50W	3	112.8	44	2	6	1	55	2
L2N 6+75W	1	106.3	39	1	4	1	42	4
L2N 7+00W	1	125.1	28	1	1	1	28	3
L2N 7+25W	1	89.7	42	2	4	1	60	2
L2N 7+50W	1	94.6	27	1	1	1	26	4
L2N 7+75W	1	114.6	36	1	2	1	44	4
L2N 8+00W	1	100.3	38	2	3	1	20	4
L2N 8+25W	1	126.6	31	1	1	1	28	8
L2N 8+50W	1	147.4	54	2	2	1	59	3
L2N 9+25W	1	159.1	40	2	3	1	40	2
L3N 0+25W	1	110.5	32	1	1	1	14	4
L3N 0+50W	1	99.3	38	1	4	1	21	3
L3N 0+75W	1	119.0	32	1	4	1	15	4
L3N 1+00W	1	89.3	16	1	1	1	6	2
L3N 1+25W	1	107.2	23	1	3	1	13	53
L3N 1+50W	1	118.4	31	1	1	1	13	3
L3N 1+75W	1	93.0	24	1	2	1	12	3
L3N 2+00W	1	126.0	23	1	1	1	16	4
L3N 2+25W	1	121.0	28	1	3	1	22	3
L3N 2+50W	1	165.6	30	1	5	1	29	2
L3N 2+75W	1	108.7	29	1	1	1	19	4
L3N 3+00W	1	124.6	33	1	1	1	26	3
L3N 3+25W	2	130.0	39	1	1	1	27	2
L3N 3+50W	1	132.3	37	1	1	1	28	9
L3N 4+00W	1	113.2	33	1	4	1	33	2
L3N 4+25W	1	125.6	27	1	3	1	27	4
L3N 4+50W	1	149.7	39	1	2	1	41	3
L3N 4+75W	1	173.8	42	2	1	1	54	2
L3N 5+00W	1	148.8	28	1	3	1	26	9
L3N 5+25W	1	130.5	40	2	5	1	39	12
L3N 5+50W	1	95.9	45	2	3	1	1	4
L3N 5+75W	1	73.1	89	1	3	1	18	3
L3N 6+00W	2	117.1	66	2	1	1	30	2
L3N 6+25W	1	110.2	41	2	2	1	16	4
L3N 6+50W	1	118.9	48	1	4	1	21	2
L3N 6+75W	2	121.8	36	1	1	1	26	1

COMPANY: MINCORD EXPL. CON. LTD. | MIN-EN LABS ICP REPORT | (ACT:631) PAGE 1 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-750/PS+6

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 17, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L3N 7+00W	1.1	34120	10	16	48	1.5	9	4990	.6	8	45	50870
L3N 7+25W	.3	50460	13	24	74	1.4	1	3440	3.2	10	40	48740
L3N 7+50W	.5	32930	11	16	45	1.3	8	4980	2.9	9	53	42130
L3N 7+75W	1.4	35740	19	24	73	1.8	11	13120	3.8	16	118	58460
L3N 8+00W	.9	40360	12	21	68	1.9	10	6310	1.5	12	116	52750
L3N 8+25W	1.5	36640	1	22	84	2.1	10	22110	1.4	19	123	64030
L3N 8+50W	1.8	47200	23	25	75	3.1	13	26130	2.2	20	201	85160
L3N 8+75W	2.1	34480	22	25	69	2.7	15	29730	1.5	17	107	90260
L3N 9+25W	1.7	33630	12	18	66	1.7	13	9580	3.0	15	104	50780
L4N 0+75W	.5	54760	22	26	56	1.6	8	4930	1.5	11	127	41820
L4N 1+00W	.9	37500	6	18	63	1.3	10	5660	2.0	8	187	40750
L4N 1+25W	1.5	32340	14	16	57	1.6	12	5050	.5	8	69	57160
L4N 1+50W	.4	36630	9	17	47	1.2	7	4820	1.3	5	54	36910
L4N 1+75W	1.0	33170	17	16	78	2.0	8	7160	1.4	10	41	60500
L4N 2+00W 40M	1.0	25650	16	13	101	1.5	6	10340	1.8	11	30	46310
L4N 2+25W	1.7	32030	18	17	56	2.5	13	3970	.8	8	58	88980
L4N 2+50W	1.5	28080	14	16	65	1.6	12	8790	1.5	14	54	56080
L4N 2+75W	1.7	29380	14	16	50	2.0	13	7470	.6	6	51	60960
L4N 3+50W	.8	28850	7	15	39	1.3	9	6070	1.2	6	52	42310
L4N 3+75W	1.1	17100	10	8	32	1.2	9	6010	.5	6	20	37460
L4N 4+00W	1.0	28520	11	13	33	1.4	10	6200	1.3	6	52	42380
L4N 4+25W	1.2	42270	17	21	71	2.1	12	9140	1.6	14	153	52350
L4N 4+50W	1.3	40320	17	19	58	1.8	12	7470	2.6	12	98	57090
L4N 4+75W	1.2	11970	2	5	22	.7	12	7360	.2	6	12	27040
L4N 5+00W	1.7	21570	1	10	36	2.1	15	7370	1.2	8	26	65940
L4N 5+25W	1.2	37350	20	18	40	1.9	10	7620	2.6	12	70	57420
L4N 5+50W	1.0	41270	10	20	45	1.9	9	8290	1.9	11	91	51281
L4N 5+75W	1.5	36300	18	21	47	2.1	14	8390	1.6	13	160	53650
L4N 6+00W	.9	40900	21	19	53	1.8	9	8270	3.6	15	212	49630
L4N 6+25W	.5	33250	1	17	40	1.8	5	4750	3.3	7	29	49220
L4N 6+50W	.3	48850	23	14	61	1.2	1	1460	5.6	10	68	52170
L4N 6+75W	.3	25820	7	14	37	1.2	5	2340	.3	5	28	39150
L4N 7+00W	.3	39830	8	14	38	1.2	4	2130	1.8	6	46	37340
L4N 7+25N	.5	45100	13	14	55	1.2	5	2920	1.8	8	36	46940
L4N 7+50W	.6	47360	13	14	44	1.2	8	3850	1.6	9	65	41460
L4N 7+75W	.7	36020	8	14	44	1.2	9	4740	1.2	9	57	38170
L4N 8+00W	.8	56700	17	22	50	1.9	7	3640	1.6	14	111	54730
L4N 8+25W	1.3	45830	19	20	71	2.4	8	7620	4.7	28	77	66720
L4N 8+50W	1.7	43360	18	19	56	2.2	14	4310	.3	16	125	65530
L4N 8+75W	1.8	17500	10	14	37	1.2	13	6150	.2	12	44	50090
L4N 9+25W	1.8	57110	16	24	59	2.4	14	4250	2.4	18	260	70710
L5N 4+25W	.9	39800	9	14	35	1.2	8	4790	.7	7	65	41370
L5N 4+50W N/S												
L5N 4+75W N/S												
L5N 5+00W	1.2	27540	9	14	38	1.2	9	6260	.4	8	52	36660
L5N 5+25W	1.0	26470	6	14	40	1.2	9	4680	.4	6	98	46090
L5N 5+50W	1.3	17780	5	14	27	1.2	10	6780	.1	6	15	34670
L5N 5+75W	1.1	28720	9	19	59	1.6	8	6450	.4	17	90	36140
L5N 6+00W	1.2	28630	12	14	39	1.2	9	5160	.2	8	62	44470
L5N 6+25W	1.3	20500	10	14	34	1.2	9	5620	.3	7	40	46680
L5N 6+50W	1.0	35620	12	14	38	1.2	7	3600	.5	8	72	42240
L5N 6+75W	1.2	49050	11	14	44	1.2	7	4120	.8	9	77	52030
L5N 7+00W	.7	26260	7	14	48	1.2	6	3460	.5	6	29	35060
L5N 7+25W	.5	30080	7	14	35	1.2	6	2830	1.0	6	60	37690
L5N 7+50W	1.6	38710	14	18	57	2.0	9	4430	.7	14	132	55850
L5N 7+75W	1.5	37990	10	20	43	1.8	10	4750	.4	9	99	52320
L5N 8+00W	1.2	36460	12	21	43	1.6	8	4390	.5	8	69	48870
L5N 8+25W	.8	37740	12	17	33	1.9	7	2260	1.8	9	121	36870
L5N 8+50W	.5	16070	5	14	27	1.2	3	30	.2	3	21	30770
L5N 8+75W	1.0	13500	7	14	25	1.2	6	670	.4	3	11	40100

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L3N 7+00W	140	8	4690	344	3	80	1	760	7	3	41	1
L3N 7+25W	300	16	11170	465	4	60	21	530	17	3	35	1
L3N 7+50W	210	8	5960	322	1	90	8	320	12	3	48	1
L3N 7+75W	280	8	11670	969	1	90	26	460	15	1	51	1
L3N 8+00W	310	8	8210	389	1	90	18	370	15	4	39	1
L3N 8+25W	200	9	7660	2025	1	70	20	630	13	4	60	1
L3N 8+50W	230	10	8960	1046	3	70	18	540	6	5	49	1
L3N 8+75W	190	10	7890	1148	2	80	6	420	17	5	71	1
L3N 9+25W	310	16	10700	709	1	100	23	490	7	5	75	1
L4N 0+75W	210	7	5330	415	4	110	3	1380	13	1	19	1
L4N 1+00W	210	6	5290	343	1	110	2	790	4	1	50	1
L4N 1+25W	220	5	4600	326	1	140	1	910	7	1	46	1
L4N 1+50W	290	4	4530	302	3	100	4	1000	7	1	50	1
L4N 1+75W	210	8	7000	529	1	130	7	600	6	4	62	1
L4N 2+00W 40M	280	6	7610	1552	1	170	12	650	5	1	83	1
L4N 2+25W	240	7	4580	214	4	90	2	1110	14	2	31	1
L4N 2+50W	220	7	6410	610	1	120	6	520	12	3	98	1
L4N 2+75W	240	9	3200	301	3	120	2	500	7	3	85	1
L4N 3+50W	210	7	3250	206	3	90	3	380	13	1	60	1
L4N 3+75W	190	4	2160	227	2	100	1	430	13	1	54	1
L4N 4+00W	220	7	3240	240	1	80	1	590	6	1	61	1
L4N 4+25W	450	13	10260	778	1	120	30	640	4	4	64	1
L4N 4+50W	270	11	7280	317	1	110	13	560	11	1	70	1
L4N 4+75W	160	1	1310	370	1	100	1	250	12	.	57	1
L4N 5+00W	170	4	3810	240	2	70	1	620	12	3	77	1
L4N 5+25W	210	8	10650	560	1	100	19	690	5	4	81	1
L4N 5+50W	220	8	8610	442	1	100	17	540	15	1	85	1
L4N 5+75W	220	8	8700	799	1	80	14	680	13	1	93	1
L4N 6+00W	240	7	15680	739	2	80	44	630	14	4	61	1
L4N 6+25W	240	13	14780	330	1	90	9	460	6	2	79	1
L4N 6+50W	220	11	27860	809	2	90	14	550	14	2	15	1
L4N 6+75W	140	8	5090	251	1	90	1	800	3	1	27	1
L4N 7+00W	160	8	8110	205	1	90	6	620	7	2	22	1
L4N 7+25W	330	8	9160	369	3	90	4	830	6	3	28	1
L4N 7+50W	280	8	7200	393	1	90	5	720	4	4	42	1
L4N 7+75W	260	8	7050	464	3	90	7	630	13	3	47	1
L4N 8+00W	290	10	14100	455	4	100	23	500	9	5	39	1
L4N 8+25W	300	13	16750	1780	1	120	97	630	15	5	42	1
L4N 8+50W	220	11	6340	687	1	120	23	920	14	4	95	1
L4N 8+75W	240	8	4320	761	2	90	10	430	11	3	93	1
L4N 9+25W	380	11	12130	531	4	110	29	620	13	4	49	1
L5N 4+25W	230	8	4880	291	1	90	2	570	10	3	52	1
L5N 4+50W N/S												
L5N 4+75W N/S												
L5N 5+00W	230	8	4460	332	2	90	1	410	7	2	63	1
L5N 5+25W	150	8	3690	341	1	90	1	350	11	2	51	1
L5N 5+50W	120	8	1970	226	1	90	1	210	9	2	71	1
L5N 5+75W	220	11	4280	919	1	130	5	570	11	3	43	1
L5N 6+00W	180	8	5610	268	1	90	5	370	13	3	43	1
L5N 6+25W	210	8	3240	261	1	90	1	370	6	3	54	1
L5N 6+50W	220	8	4990	257	1	90	1	510	10	3	36	1
L5N 6+75W	220	8	5360	339	1	90	3	780	8	4	37	1
L5N 7+00W	240	8	3420	274	1	90	2	500	3	2	37	1
L5N 7+25W	180	8	4710	251	1	90	1	500	12	1	26	1
L5N 7+50W	230	11	6250	1144	1	110	9	540	12	3	50	1
L5N 7+75W	170	10	5940	374	1	120	1	990	13	4	57	1
L5N 8+00W	150	11	6030	404	1	120	2	1190	7	3	53	1
L5N 8+25W	160	12	6680	354	1	130	7	420	9	3	25	1
L5N 8+50W	60	8	1960	109	1	90	1	250	5	2	5	1
L5N 8+75W	70	8	1190	96	1	90	1	350	8	2	17	1

COMPANY: MINCORD EXPL. CON. LTD. MIN-EN LABS ICP REPORT (ACT:G31) PAGE 3 OF 3

PROJECT NO: FROST LAKE 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 7-750/P5+6

ATTENTION: G.L.GARRATT (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:JULY 17, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L3N 7+00W	1	128.6	45	1	1	1	34	2
L3N 7+25W	1	107.8	52	1	3	9	32	4
L3N 7+50W	1	118.4	34	1	3	4	24	4
L3N 7+75W	2	161.4	49	2	2	6	57	5
L3N 8+00W	1	150.6	33	1	1	5	41	3
L3N 8+25W	1	155.4	62	2	2	7	47	4
L3N 8+50W	1	203.8	60	1	8	9	57	3
L3N 8+75W	1	220.4	47	2	2	4	57	5
L3N 9+25W	2	144.8	58	2	4	6	53	7
L4N 0+75W	2	102.9	39	1	2	5	18	4
L4N 1+00W	1	104.4	37	1	2	4	16	13
L4N 1+25W	2	137.9	34	1	4	4	21	4
L4N 1+50W	1	76.2	32	1	1	2	28	3
L4N 1+75W	3	144.5	39	2	7	1	47	4
L4N 2+00W 40M	1	126.9	39	2	1	3	29	2
L4N 2+25W	3	252.8	38	2	2	2	42	3
L4N 2+50W	1	179.8	43	2	8	4	27	4
L4N 2+75W	1	177.0	38	1	5	2	28	12
L4N 3+50W	2	117.6	30	1	3	1	22	3
L4N 3+75W	2	122.2	27	1	6	1	19	6
L4N 4+00W	1	121.3	31	1	3	4	28	4
L4N 4+25W	1	140.8	54	2	4	5	38	2
L4N 4+50W	1	142.0	43	1	4	5	41	3
L4N 4+75W	1	130.2	17	1	8	1	15	4
L4N 5+00W	3	202.7	25	2	9	1	31	3
L4N 5+25W	1	137.7	44	2	1	1	62	4
L4N 5+50W	1	129.1	39	1	1	5	39	2
L4N 5+75W	2	137.2	39	2	4	4	41	4
L4N 6+00W	1	113.0	45	2	4	1	55	6
L4N 6+25W	2	116.2	37	2	6	5	30	3
L4N 6+50W	1	108.7	42	3	6	1	11	3
L4N 6+75W	1	111.9	29	1	3	1	18	2
L4N 7+00W	1	94.8	36	1	6	1	21	4
L4N 7+25W	1	117.0	50	2	1	1	12	3
L4N 7+50W	3	112.9	43	1	1	1	26	4
L4N 7+75W	1	100.5	37	1	5	1	20	2
L4N 8+00W	2	143.2	38	2	2	1	56	3
L4N 8+25W	1	135.3	62	3	4	1	127	6
L4N 8+50W	3	148.8	79	2	4	1	59	2
L4N 8+75W	1	148.9	40	1	4	1	69	2
L4N 9+25W	3	179.4	63	2	6	1	83	3
L5N 4+25W	2	109.2	35	1	1	1	15	4
L5N 4+50W N/S								
L5N 4+75W N/S								
L5N 5+00W	2	114.7	29	1	2	1	17	2
L5N 5+25W	1	128.6	35	1	2	1	21	3
L5N 5+50W	1	116.2	23	1	4	1	15	4
L5N 5+75W	1	113.4	31	1	3	1	21	3
L5N 6+00W	1	122.2	31	1	1	1	22	2
L5N 6+25W	1	137.2	32	1	2	1	22	3
L5N 6+50W	1	115.2	33	1	3	1	21	6
L5N 6+75W	1	131.4	39	1	5	1	30	4
L5N 7+00W	1	100.5	36	1	1	1	15	2
L5N 7+25W	1	95.4	33	1	4	1	18	6
L5N 7+50W	1	142.6	52	2	3	1	33	4
L5N 7+75W	1	135.7	36	1	3	1	33	11
L5N 8+00W	1	119.0	33	1	3	1	27	4
L5N 8+25W	1	97.5	32	1	2	1	23	8
L5N 8+50W	1	84.8	16	1	1	1	11	21
L5N 8+75W	1	120.3	18	1	1	1	19	8

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L5N 9+00W	.6	28240	6	13	30	1.2	6	2640	.3	6	46	34800
L5N 9+25W	.6	49160	11	20	46	2.2	9	2840	1.6	11	176	47130
NO NUMBER	1.4	21830	9	13	39	1.2	12	5330	.5	12	27	41600

COMPANY: MINCORD EXPL. CON. LTD.
PROJECT NO: FROST LAKE
ATTENTION: G.L.GARRATT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 7-750/P7
* TYPE SOIL GEOCHEM * DATE:JULY 17, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L5N 9+00W	210	8	3900	261	2	90	2	440	5	2	31	1
L5N 9+25W	310	12	7480	409	3	120	15	630	9	3	31	1
NO NUMBER	160	8	3860	1636	1	90	3	540	8	1	44	1

COMPANY: MINCORD EXPL. CON. LTD.
PROJECT NO: FROST LAKE
ATTENTION: G.L.BARRATT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 7-750/P7
* TYPE SOIL GEOCHEM * DATE:JULY 17, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L5N 9+00W	1	93.9	32	1	1	1	18	4
L5N 9+25W	1	115.3	44	1	2	1	41	3
NO NUMBER	1	124.7	39	1	2	1	48	2

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601 67 UC

Analytical Report

Company:MINCORD EXPLORATIONS
Project:FROST LAKE
Attention:G.L.GARRATT

Folder 7 (Cont)
Date:JULY 21/87
Type:SOIL GEOCHEM

Date Samples Received :JULY 14/87
Samples Submitted by :G.L.GARRATT

Report on .....192 SOILS, 7 ROCKS.....

Copies sent to:

1. MINCORD EXPLORATIONS, VANCOUVER, B.C
2.
3.

Samples: Sieved to mesh-80MESH..... Ground to mesh -80MESH...

Prepared samples stored:.....X.... discarded.....
rejects stored:..... discarded:.....

Methods of analysis:

31 ELEMENT TRACE ICP.
AU-FIRE.

Remarks

COMPANY: MINCORD EXPL.CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:631) PAGE 1 OF 1

PROJECT NO: FROST LAKE — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-801R

ATTENTION: G.L. GARRETT — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:JULY 20, 1987

(PPM)	GFL-1	GFL-2	GFL-3	GFL-4	GFL-5	GFL-6	GFL-7
AG	.8	.9	1.0	.8	2.9	1.2	10.4
AL	23740	27730	4890	48200	28380	18890	7830
AS	12	4	4	4	22	6	8
B	18	19	6	32	27	13	17
BA	31	36	44	75	120	202	184
BE	.9	1.3	1.3	2.0	8.7	3.0	8.3
BI	21	25	34	11	3	9	548
CA	23060	26840	15400	43960	100230	66770	51340
CD	3.3	3.7	1.7	4.3	2.7	.2	3.5
CO	17	20	6	15	10	9	19
CU	432	535	3230	81	74	429	59542
FE	32150	38000	33180	53470	303690	103420	290780
K	160	170	50	440	40	210	60
LI	2	2	2	4	1	1	1
MG	10660	12100	5380	18340	3490	3140	2590
MN	366	435	1618	803	3924	2962	938
MO	1	1	1	1	8	3	5
NA	370	440	40	410	10	50	20
NI	19	26	1	22	5	4	22
P	380	450	200	660	530	750	1020
PB	10	7	16	9	19	19	132
SB	2	2	6	8	8	6	75
SR	209	244	8	46	20	11	12
TH	1	1	1	1	1	1	1
U	1	1	1	2	4	1	2
V	111.3	129.4	12.5	119.3	58.9	37.1	41.7
ZN	51	60	30	82	69	32	104
GA	2	2	1	2	1	1	1
SN	10	13	2	3	2	1	7
W	2	1	2	1	5	1	19
CR	50	58	38	92	56	55	108
AU-PPB	5	7	3	3	6	2	48

COMPANY: MINCORD EXPLORATIONS | MIN-EN LABS ICP REPORT | (ACT:G31) PAGE 1 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-8015/P1+2

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 21, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L5+00N 4+50W	1.3	36110	23	19	34	1.4	11	4680	.8	8	62	49710
L5+00N 4+25W	1.1	29390	5	14	42	1.1	12	6280	3.0	12	79	41730
L5+00N 4+00W	.8	23530	12	9	36	.3	10	4030	1.0	6	33	29680
L5+00N 3+75W	.8	11020	2	2	14	.2	9	5960	.7	4	7	15650
L5+00N 3+50W	.8	13710	8	5	24	.2	8	5340	.1	4	16	29550
L5+00N 3+25W	.8	22090	7	8	36	.5	8	3600	1.5	4	30	37630
L5+00N 3+00W	.9	25650	11	13	32	.8	8	4310	.3	6	42	37920
L5+00N 2+75W	.8	26550	14	11	32	.5	11	3530	1.2	8	75	36950
L5+00N 2+50W	.9	22730	21	8	30	.9	10	3260	1.0	6	80	44680
L5+00N 2+25W	1.3	46860	12	20	38	1.5	8	2900	.6	6	106	50940
L5+00N 2+00W	.9	24580	5	10	29	1.2	9	3880	.4	6	46	45930
L5+00N 1+75W	.8	30060	10	12	34	.5	7	3310	.9	5	54	35580
L6+00N 1+25W	.7	22900	7	8	38	.5	8	4570	.7	7	61	37290
L6+00N 1+50W	.8	23300	17	11	42	.9	9	4080	.9	6	47	45660
L6+00N 1+75W	.5	5660	2	1	9	.2	17	3190	.1	5	7	11670
L6+00N 2+00W	.8	42010	4	18	36	.9	7	3600	2.1	7	67	35620
L6+00N 2+25W	1.2	39000	18	18	43	1.4	11	3930	1.2	8	100	42990
L6+00N 3+25W	1.1	27910	3	12	49	1.8	10	3790	.5	31	110	43720
L6+00N 3+50W	N/S											
L6+00N 3+75W	.8	28050	8	14	32	1.1	10	6660	.1	8	63	42130
L6+00N 4+00W	1.0	38990	12	18	35	1.2	12	4320	1.0	9	122	44200
L6+00N 4+25W	.7	15200	16	5	27	.8	14	4710	.4	7	19	41500
L6+00N 4+50W	.8	37280	13	17	35	1.1	8	2220	.1	7	50	45900
L6+00N 4+75W	.8	28020	15	12	35	1.0	7	3970	.6	7	45	38460
L6+00N 5+00W	.8	34130	19	14	46	1.6	11	4910	.6	9	142	47950
L6+00N 5+25W	.7	18760	18	8	32	.5	11	4850	.9	6	20	39420
L6+00N 5+50W	.9	32910	19	14	33	1.3	13	5680	.9	9	60	41790
L6+00N 5+75W	1.0	38760	11	18	42	2.1	16	6290	2.8	14	139	52620
L6+00N 6+00W	.7	36300	23	15	44	1.3	11	7130	1.4	10	129	41860
L6+00N 6+25W	1.1	33350	6	16	38	1.8	13	5420	.9	9	78	52520
L6+00N 6+50W	1.4	42550	2	25	39	1.1	12	4580	1.6	9	105	40760
L6+00N 6+75W	.9	41010	8	21	60	.7	1	1340	4.0	3	14	31670
L6+00N 7+00W	1.0	36620	8	19	39	.7	9	3800	1.3	9	85	33420
L6+00N 7+25W	1.0	39140	29	18	48	1.4	14	5120	1.4	11	88	41640
L6+00N 7+50W	.9	32380	16	16	39	.7	9	3670	.6	8	41	35500
L6+00N 7+75W	1.2	34810	15	17	41	1.2	11	5310	1.8	9	51	38080
L6+00N 8+00W	.9	22080	19	10	36	.7	8	3450	1.0	6	33	35990
L6+00N 8+25W	1.2	34130	3	17	55	1.8	13	2520	.9	10	77	57960
L6+00N 8+50W	1.1	35280	17	27	51	1.5	11	2180	1.7	10	196	41790
L6+00N 8+75W	1.4	43760	4	22	49	1.3	9	3360	1.5	9	91	42940
L6+00N 9+00W	1.9	60880	51	31	71	3.2	19	3940	2.6	17	257	65070
L7+00N 8+50W	1.1	36640	1	20	45	1.3	10	4400	1.8	9	76	39630
L7+00N 8+25W	1.0	35380	10	17	56	.9	8	3750	1.0	9	56	34460
L7+00N 8+00W	.8	29870	14	15	32	.8	13	3370	.6	7	44	40890
L7+00N 7+75W	1.1	36050	7	18	35	.9	10	3290	1.5	9	70	35980
L7+00N 7+50W	.8	32920	16	15	34	.6	10	3450	1.9	7	57	32800
L7+00N 7+25W	.8	24750	5	11	32	.5	8	3730	.5	5	26	31650
L7+00N 7+00W	.8	32840	19	16	40	.9	9	3980	1.3	8	52	36740
L7+00N 6+75W	1.1	38080	8	18	41	.9	9	3700	.7	6	53	35660
L7+00N 6+50W	.9	34890	21	17	48	1.8	8	3930	.6	11	48	11840
L7+00N 6+25W	.9	29270	3	14	35	1.2	12	4000	.8	9	64	43920
L7+00N 6+00W	.8	29150	15	15	32	.9	10	3970	1.8	7	46	39080
L7+00N 5+75W	.9	33580	1	15	34	.8	10	3620	1.1	7	70	38230
L7+00N 5+50W	1.3	40600	16	20	47	1.4	14	4800	1.3	12	124	42650
L7+00N 5+25W	1.1	27000	13	12	30	.8	10	3850	.8	6	42	40740
L7+00N 4+75W	1.1	19990	18	9	33	.8	10	5160	.9	7	34	42050
L7+00N 4+50W	.8	12920	5	3	24	.5	9	4790	.3	4	14	32180
L7+00N 4+25W	1.4	52770	18	25	38	1.2	7	2930	2.0	7	90	42600
L7+00N 4+00W	1.3	41310	27	20	43	.9	9	3760	1.1	9	71	37380
L7+00N 3+75W	.8	25640	22	11	27	.6	11	3830	.9	6	37	33170

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L5+00N 4+50W	190	6	4400	278	3	60	2	630	15	3	54	1
L5+00N 4+25W	280	5	9470	612	1	110	11	400	11	1	56	1
L5+00N 4+00W	220	5	2850	308	1	60	1	360	11	1	41	1
L5+00N 3+75W	90	1	1110	189	1	50	1	190	6	1	65	1
L5+00N 3+50W	130	1	1230	238	1	60	1	210	9	1	67	1
L5+00N 3+25W	150	2	1530	151	1	60	1	420	6	1	39	1
L5+00N 3+00W	160	6	3090	239	2	50	2	400	3	4	50	1
L5+00N 2+75W	160	4	2760	196	1	50	1	380	11	5	36	1
L5+00N 2+50W	130	5	2990	168	2	40	1	450	6	5	36	1
L5+00N 2+25W	200	7	3640	207	2	50	2	700	14	1	21	1
L5+00N 2+00W	150	4	3400	207	1	60	2	690	11	1	49	1
L5+00N 1+75W	180	3	2790	537	1	60	1	850	7	5	37	1
L6+00N 1+25W	170	3	3750	241	2	80	1	260	9	1	53	1
L6+00N 1+50W	190	3	2400	397	1	60	1	390	7	1	51	1
L6+00N 1+75W	80	1	500	152	1	50	1	190	7	1	28	1
L6+00N 2+00W	210	5	4350	237	2	60	2	590	4	1	32	1
L6+00N 2+25W	260	6	4380	336	1	80	1	750	10	2	35	1
L6+00N 3+25W	280	8	2270	1839	3	60	1	680	12	3	46	1
L6+00N 3+50W	N/S											
L6+00N 3+75W	140	4	3220	438	2	50	2	600	5	1	81	1
L6+00N 4+00W	240	5	5410	338	1	70	1	540	13	1	44	1
L6+00N 4+25W	170	2	2370	333	1	40	1	520	10	1	72	1
L6+00N 4+50W	150	8	4190	316	1	40	1	910	7	5	18	1
L6+00N 4+75W	220	3	4060	527	3	70	2	450	8	2	45	1
L6+00N 5+00W	290	6	4420	748	3	70	1	660	8	1	47	1
L6+00N 5+25W	170	4	2490	209	3	80	2	340	7	4	51	1
L6+00N 5+50W	180	6	4320	295	3	60	2	560	13	2	77	1
L6+00N 5+75W	200	4	10110	446	2	110	13	580	5	1	75	1
L6+00N 6+00W	260	5	7970	373	2	110	7	540	13	1	71	1
L6+00N 6+25W	240	7	5340	334	1	60	1	780	9	1	74	1
L6+00N 6+50W	230	4	6450	375	1	170	3	670	10	6	49	1
L6+00N 6+75W	230	9	11470	246	1	10	2	320	6	5	4	1
L6+00N 7+00W	200	4	5420	382	2	60	3	600	12	6	35	1
L6+00N 7+25W	200	7	8040	366	3	70	7	970	7	1	64	1
L6+00N 7+50W	160	7	3960	537	2	50	2	780	9	5	36	1
L6+00N 7+75W	180	7	6360	903	1	70	4	600	7	5	54	1
L6+00N 8+00W	210	3	2960	707	1	50	3	770	9	4	43	1
L6+00N 8+25W	160	6	4020	440	3	40	4	670	4	1	34	1
L6+00N 8+50W	330	12	5990	299	3	70	12	460	18	2	11	1
L6+00N 8+75W	200	6	4700	348	1	70	3	700	8	1	33	1
L6+00N 9+00W	240	9	8810	594	4	40	23	980	17	3	77	1
L7+00N 8+50W	390	8	5050	441	2	80	2	640	13	5	50	1
L7+00N 8+25W	250	7	4990	393	3	80	2	550	14	1	79	1
L7+00N 8+00W	160	6	2810	228	1	50	2	660	4	1	44	1
L7+00N 7+75W	180	5	5370	348	1	60	3	560	13	2	33	1
L7+00N 7+50W	220	4	4540	311	1	60	3	400	4	1	38	1
L7+00N 7+25W	190	5	3080	261	2	60	2	450	11	1	48	1
L7+00N 7+00W	260	5	5340	348	2	70	3	530	8	2	44	1
L7+00N 6+75W	230	4	4120	233	1	60	2	540	5	1	38	1
L7+00N 6+50W	330	11	4550	447	3	60	2	560	7	2	42	1
L7+00N 6+25W	190	5	4430	310	1	50	3	590	6	2	48	1
L7+00N 6+00W	180	5	3480	301	2	50	1	460	12	1	52	1
L7+00N 5+75W	170	4	4220	309	4	50	2	620	14	1	39	1
L7+00N 5+50W	280	8	5640	418	2	70	3	560	3	1	51	1
L7+00N 5+25W	180	5	2160	279	1	60	1	470	10	1	47	1
L7+00N 4+75W	160	4	2720	789	1	40	1	560	10	1	71	1
L7+00N 4+50W	90	1	1140	241	1	40	2	280	8	1	61	1
L7+00N 4+25W	210	6	4760	220	5	50	3	880	12	3	32	1
L7+00N 4+00W	210	5	6190	452	1	60	1	480	9	3	34	1
L7+00N 3+75W	170	6	3240	221	1	40	3	500	7	1	44	1

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(VALUES IN PPM)		U	V	ZN	GA	SN	W	CR	AU-PPB
L5+00N 4+50W		5	138.5	37	1	9	3	30	3
L5+00N 4+25W		2	120.9	45	2	8	4	28	2
L5+00N 4+00W		1	93.5	31	1	1	1	17	4
L5+00N 3+75W		1	93.2	16	1	2	1	10	3
L5+00N 3+50W		1	101.5	28	1	2	1	15	4
L5+00N 3+25W		1	115.1	32	1	3	3	19	4
L5+00N 3+00W		1	103.2	39	1	5	2	18	2
L5+00N 2+75W		1	112.7	33	1	1	1	17	3
L5+00N 2+50W		1	137.6	31	1	4	1	22	4
L5+00N 2+25W		1	130.2	36	1	3	2	24	2
L5+00N 2+00W		1	135.4	32	1	4	1	22	3
L5+00N 1+75W		1	98.9	40	1	2	2	18	4
L6+00N 1+25W		1	115.5	31	1	2	1	16	4
L6+00N 1+50W		1	139.0	38	1	2	1	21	9
L6+00N 1+75W		1	104.0	12	1	4	1	9	3
L6+00N 2+00W		1	105.0	35	1	2	1	19	2
L6+00N 2+25W		1	119.5	41	1	3	2	23	4
L6+00N 3+25W		1	103.1	67	3	1	2	19	3
L6+00N 3+50W	N/S								
L6+00N 3+75W		1	123.3	34	1	2	2	27	2
L6+00N 4+00W		1	126.1	35	2	2	2	24	4
L6+00N 4+25W		1	129.9	35	1	1	1	24	3
L6+00N 4+50W		1	108.7	56	1	2	3	26	2
L6+00N 4+75W		1	116.0	32	2	2	2	25	4
L6+00N 5+00N		1	126.7	55	1	2	1	30	2
L6+00N 5+25W		1	123.3	33	2	1	2	23	2
L6+00N 5+50W		1	121.3	44	1	2	2	30	2
L6+00N 5+75W		1	143.6	54	3	2	4	45	3
L6+00N 6+00W		1	119.7	41	1	2	1	35	2
L6+00N 6+25W		1	145.7	47	1	3	2	37	2
L6+00N 6+50W		1	110.1	40	1	7	3	27	3
L6+00N 6+75W		1	51.8	58	1	5	3	1	2
L6+00N 7+00W		1	89.4	47	1	5	2	17	2
L6+00N 7+25W		2	106.9	53	1	4	1	28	6
L6+00N 7+50W		1	86.4	54	1	4	1	18	3
L6+00N 7+75W		1	90.7	82	1	4	2	24	4
L6+00N 8+00W		1	93.5	45	1	1	3	21	2
L6+00N 8+25W		3	146.3	54	1	4	2	40	3
L6+00N 8+50W		2	114.8	73	2	2	3	30	4
L6+00N 8+75W		3	115.0	48	1	2	1	22	2
L6+00N 9+00W		6	163.6	71	3	4	4	51	3
L7+00N 8+50W		1	116.4	49	1	1	2	19	4
L7+00N 8+25W		4	95.5	46	2	1	2	17	10
L7+00N 8+00W		1	121.3	44	1	2	2	22	15
L7+00N 7+75W		4	102.9	42	1	2	1	23	6
L7+00N 7+50W		1	106.6	37	2	1	2	19	3
L7+00N 7+25W		2	96.6	29	1	1	1	14	2
L7+00N 7+00W		2	105.5	45	1	3	3	19	4
L7+00N 6+75W		2	107.6	33	1	3	1	20	2
L7+00N 6+50W		2	143.7	54	1	4	2	22	3
L7+00N 6+25W		3	132.4	39	2	6	1	28	2
L7+00N 6+00W		2	116.1	36	1	4	3	27	4
L7+00N 5+75W		2	113.8	34	1	8	3	25	3
L7+00N 5+50W		2	143.0	49	1	5	4	31	4
L7+00N 5+25W		1	114.5	42	1	7	1	23	4
L7+00N 4+75W		1	125.0	34	2	6	1	23	3
L7+00N 4+50W		1	103.2	27	1	6	1	16	4
L7+00N 4+25W		1	107.7	42	1	5	3	29	3
L7+00N 4+00W		2	104.3	42	1	6	4	26	2
L7+00N 3+75W		1	91.7	36	1	8	3	26	4

COMPANY: MINCORD EXPLORATIONS | MIN-EN LABS ICP REPORT | (ACT:G31) PAGE 1 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-8015/P3+4

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 21, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L7+00N 3+50W	.6	17740	6	10	26	.4	7	3070	.3	5	19	31320
L7+00N 3+25W40M	.4	14670	9	8	29	.2	5	2010	.8	3	26	33860
L7+00N 3+00W	.6	21470	5	11	37	.5	8	2920	.1	6	56	37000
L7+00N 2+75W	.8	27240	11	14	34	.4	8	3440	1.1	8	89	31160
L7+00N 2+50W	.7	24610	9	11	35	.5	9	3130	.1	5	85	34000
L7+00N 2+25W	.3	23010	18	11	32	.2	3	2650	.2	4	35	28340
L7+00N 2+00W	.8	34110	4	18	51	1.1	7	3280	1.4	9	79	34550
L7+00N 1+75W	.5	16700	12	6	31	.2	4	3420	.6	3	23	28830
L7+00N 1+50W	.6	38730	7	18	39	.7	7	3430	1.0	7	96	35190
L7+00N 1+25W	.8	25220	15	12	28	.5	5	3430	.9	5	37	32780
L7+00N 1+00W	.7	27050	10	11	33	.3	6	3200	.3	5	46	30980
L7+00N 0+75W	.8	28360	15	12	55	.7	9	5110	.7	10	131	30730
L8+00N 0+50W	1.6	40530	14	21	47	2.0	17	4650	1.7	12	308	57220
L8+00N 0+75W	1.5	31390	11	38	38	1.0	16	5670	1.8	9	121	47710
L8+00N 1+00W	2.7	22740	10	14	54	3.5	26	4760	.6	18	149	86200
L8+00N 1+25W	1.8	20920	17	10	51	2.1	18	5920	.1	14	82	56630
L8+00N 1+50W	.9	17720	15	7	38	.7	9	3220	.4	4	27	43640
L8+00N 1+75W40M	2.0	12690	14	5	50	.5	28	4350	.2	16	44	78520
L8+00N 2+00W	.5	26520	8	11	37	.2	5	4220	.5	6	51	32640
L8+00N 2+25W	1.7	14690	4	7	32	1.9	21	3090	.3	9	31	51950
L9+00N 2+50W	1.6	21750	7	11	33	1.4	18	5190	.2	8	29	57720
L8+00N 2+75W	1.0	32800	16	16	35	.8	9	4230	1.1	7	78	39480
L8+00N 3+00W	.8	28850	12	13	33	.5	8	3990	.4	7	52	32840
L8+00N 3+25W	.7	29980	14	15	34	.8	9	3750	.7	6	49	36890
L8+00N 3+50W	.9	24210	20	11	42	.9	10	4980	.8	10	66	75490
L8+00N 3+75W40N	.8	14150	12	5	35	.2	6	3720	.1	4	16	32640
L8+00N 4+00W	.7	29080	15	15	37	.6	7	3850	.2	6	50	35190
L8+00N 4+25W	.8	24290	15	13	34	.5	7	4000	1.4	6	47	31240
L8+00N 4+50W	.7	30990	5	17	32	.8	5	2380	1.2	5	39	32270
L8+00N 4+75W	.8	23140	6	10	33	.3	8	5440	.5	6	26	39020
L8+00N 5+25W	.8	24220	15	19	33	1.1	12	3560	.6	9	35	48720
L8+00N 5+50W	1.1	27800	3	19	36	1.4	14	4200	1.2	8	42	51700
L8+00N 5+75W	.9	19950	2	13	41	.7	8	4050	.3	4	17	42460
L8+00N 6+00W	.8	40510	18	21	55	1.8	13	4390	1.0	11	47	49500
L8+00N 6+25W40M	.4	85960	55	38	18	.5	1	1050	.7	3	74	26220
L8+00N 6+50W	1.4	24810	9	12	33	1.5	22	5590	.3	8	59	52900
L8+00N 6+75W	1.2	16460	10	6	19	.2	14	10160	.3	6	32	28260
L8+00N 7+00W	.8	14100	5	4	23	.2	12	4850	.2	5	10	22980
L8+00N 7+25W	.7	44460	8	21	39	1.7	11	3610	.8	7	42	46620
L8+00N 7+50W	.8	42930	8	19	35	1.0	7	3810	.6	6	33	38630
L8+00N 7+75W	.6	28100	17	13	27	.6	9	3940	.1	5	23	36380
L8+00N 8+00W	1.1	31230	25	14	39	1.4	15	3580	.5	8	42	51700
L8+00N 8+25W	1.3	31640	27	14	39	1.7	13	3590	.3	8	86	56330
L8+00N 8+50W	1.4	42300	33	20	70	2.3	20	3700	1.3	12	181	66220
L8+00N 8+75W	1.6	54530	30	27	77	3.5	23	4600	1.1	21	365	85990
L9+00N 8+75W	1.6	44250	35	21	71	3.9	17	5090	.9	24	145	84470
L9+00N 8+50W	.9	35500	6	14	29	.6	8	3400	.8	5	34	35970
L9+00N 8+25W40M	.7	31230	18	14	35	.7	7	4680	.5	6	31	38130
L9+00N 8+00W	.8	17220	12	5	26	.1	7	4410	1.6	4	11	29960
L9+00N 7+75W	1.2	32160	26	15	34	1.2	9	3460	.3	6	23	54370
L9+00N 7+50W	1.3	35280	17	18	31	1.4	14	6450	1.1	11	69	45940
L9+00N 7+25W	1.0	26710	22	11	27	1.0	9	4600	.3	5	34	45750
L9+00N 7+00W	1.1	32370	25	18	33	1.4	12	5430	.4	7	49	54240
L9+00N 6+75W40M	1.0	11060	4	2	29	.3	14	4350	.2	9	40	31210
L9+00N 6+50W	1.0	18410	2	7	35	.9	9	4050	.2	5	32	44180
L9+00N 6+25W	.8	23460	15	10	29	.1	9	3040	1.3	4	112	31800
L9+00N 6+00W40M	1.4	26550	13	13	59	1.3	10	3460	.8	52	81	29700
L9+00N 5+75W	1.0	18160	17	9	37	.8	10	4720	.2	9	31	43270
L9+00N 5+25W	.7	15590	13	6	36	.3	4	1200	.1	4	66	29570
L9+00N 5+00W	.9	19970	18	10	63	.8	8	2920	1.6	16	39	37990

COMPANY: MINCORD EXPLORATIONS
PROJECT NO: FROST LAKE
ATTENTION: G.L.GARRATT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:G31) PAGE 2 OF 3
FILE NO: 7-801S/P3+4
* TYPE SOIL GEOCHEM * DATE:JULY 21, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L7+00N 3+50W	130	4	1730	196	2	40	1	320	9	3	30	1
L7+00N 3+25W40M	100	3	1700	143	2	30	1	230	7	2	18	1
L7+00N 3+00W	120	6	2050	207	1	40	1	360	5	3	30	1
L7+00N 2+75W	170	3	4980	441	1	60	2	270	10	1	32	1
L7+00N 2+50W	150	4	2440	231	3	50	1	310	7	1	32	1
L7+00N 2+25W	170	3	2130	314	1	40	1	430	4	3	25	1
L7+00N 2+00W	200	4	4330	890	2	50	2	860	9	1	29	1
L7+00N 1+75W	220	3	1480	327	1	50	1	410	3	1	40	1
L7+00N 1+50W	260	5	4440	267	2	60	2	540	10	6	32	1
L7+00N 1+25W	140	3	2740	228	2	50	1	390	4	1	78	1
L7+00N 1+00W	190	3	2750	311	1	50	1	620	7	1	74	1
L7+00N 0+75W	230	3	4060	517	2	70	1	770	5	4	48	1
L8+00N 0+50W	250	7	4630	566	2	90	3	1220	4	3	72	1
L8+00N 0+75W	220	6	3930	399	4	120	3	990	6	1	83	1
L8+00N 1+00W	280	2	4010	1376	2	90	1	880	8	1	56	1
L8+00N 1+25W	200	1	2470	1726	1	70	3	760	12	2	103	1
L8+00N 1+50W	170	1	1360	218	1	80	1	380	6	1	36	1
L8+00N 1+75W40M	280	1	2400	3003	1	90	2	640	20	2	48	1
L8+00N 2+00W	220	5	4320	312	1	80	2	470	7	4	50	1
L8+00N 2+25W	170	1	2110	293	1	60	2	450	14	1	32	1
L8+00N 2+50W	230	4	2630	502	3	80	1	580	13	1	75	1
L8+00N 2+75W	230	7	2990	366	2	70	1	800	5	1	54	1
L8+00N 3+00W	220	4	5090	518	1	80	1	530	11	1	41	1
L8+00N 3+25W	190	5	4600	275	1	60	2	510	11	1	39	1
L8+00N 3+50W	250	5	5700	454	2	80	3	360	12	1	44	1
L8+00N 3+75W40M	170	4	2190	228	1	50	1	280	7	1	36	1
L8+00N 4+00W	200	5	3340	309	1	50	1	380	13	2	35	1
L8+00N 4+25W	210	4	4480	275	3	70	3	220	9	2	37	1
L8+00N 4+50W	140	5	2710	250	1	40	1	370	10	2	21	1
L8+00N 4+75W	160	7	2790	230	1	30	2	350	10	1	78	1
L8+00N 5+25W	130	6	2920	263	1	30	2	740	5	4	45	1
L8+00N 5+50W	160	7	3570	263	1	40	1	820	10	1	53	1
L8+00N 5+75W	370	1	1900	814	2	110	1	570	5	4	50	1
L8+00N 6+00W	270	12	6720	353	1	60	18	440	7	2	52	1
L8+00N 6+25W40M	140	1	900	187	3	30	1	2310	9	5	1	1
L8+00N 6+50W	150	4	2950	215	1	30	1	640	5	1	104	1
L8+00N 6+75W	120	1	2350	296	1	50	1	320	7	2	108	1
L8+00N 7+00W	170	2	1900	195	2	40	1	430	8	1	66	1
L8+00N 7+25W	300	8	4370	280	1	70	1	1810	12	2	43	1
L8+00N 7+50W	240	6	4080	215	2	70	3	560	8	2	39	1
L8+00N 7+75W	180	4	2350	208	3	50	1	520	3	1	49	1
L8+00N 8+00W	180	3	3860	248	1	60	1	690	9	2	41	1
L8+00N 8+25W	200	5	3980	200	1	60	3	840	8	3	45	1
L8+00N 8+50W	280	9	5840	323	4	60	4	840	10	2	49	1
L8+00N 8+75W	470	9	5500	1078	4	60	3	1550	8	3	66	1
L9+00N 8+75W	240	6	3720	1390	2	50	3	1120	10	3	72	1
L9+00N 8+50W	170	6	3030	180	2	60	1	600	14	1	37	1
L9+00N 8+25W40M	210	5	3890	379	2	60	1	640	10	1	49	1
L9+00N 8+00W	100	2	2000	226	2	70	1	290	5	1	51	1
L9+00N 7+75W	220	6	3190	318	1	50	2	1040	14	1	42	1
L9+00N 7+50W	150	3	6130	457	4	50	3	730	5	4	95	1
L9+00N 7+25W	170	3	2720	265	1	60	1	1520	7	2	65	1
L9+00N 7+00W	200	5	3750	278	2	50	1	560	4	2	68	1
L9+00N 6+75W40M	100	1	1770	774	1	40	1	400	4	1	62	1
L9+00N 6+50W	150	2	1700	348	2	60	2	560	3	1	51	1
L9+00N 6+25W	130	4	2440	282	1	50	1	280	5	1	31	1
L9+00N 6+00W40M	180	5	2030	6632	2	40	6	780	4	4	43	1
L9+00N 5+75W	140	4	2830	518	3	30	1	450	4	1	55	1
L9+00N 5+25W	80	1	2150	163	2	20	1	280	6	1	6	1
L9+00N 5+00W	120	3	2950	997	1	40	5	400	10	1	30	1

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE:JULY 21, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L7+00N 3+50W	1	98.7	31	1	1	1	16	4
L7+00N 3+25W40N	1	107.1	27	1	1	1	13	3
L7+00N 3+00W	1	115.6	35	1	1	1	15	2
L7+00N 2+75W	1	91.7	28	1	1	1	15	4
L7+00N 2+50W	1	108.9	28	1	1	1	16	3
L7+00N 2+25W	1	81.8	35	1	1	1	11	3
L7+00N 2+00W	1	99.2	47	1	2	2	14	2
L7+00N 1+75W	1	93.5	32	1	1	1	12	8
L7+00N 1+50W	1	109.6	31	1	1	1	15	4
L7+00N 1+25W	2	101.7	30	1	1	1	15	3
L7+00N 1+00W	1	91.4	29	1	1	1	14	2
L7+00N 0+75W	2	85.5	40	1	1	2	10	4
L8+00N 0+50W	3	145.3	59	1	2	2	20	3
L8+00N 0+75W	1	141.2	49	1	2	1	19	4
L8+00N 1+00W	3	279.8	58	4	2	2	26	12
L8+00N 1+25W	4	219.9	45	4	1	2	24	3
L8+00N 1+50W	2	135.0	32	1	1	1	10	2
L8+00N 1+75W40M	1	189.7	36	6	6	1	17	4
L8+00N 2+00W	1	94.2	44	1	2	1	12	3
L8+00N 2+25W	1	213.5	38	3	3	1	19	5
L8+00N 2+50W	3	161.9	41	2	1	2	18	3
L8+00N 2+75W	1	113.1	47	1	2	1	17	2
L8+00N 3+00W	1	92.5	37	1	2	1	12	3
L8+00N 3+25W	1	97.3	42	1	3	3	15	3
L8+00N 3+50W	1	112.3	37	1	4	1	19	2
L8+00N 3+75W40M	1	103.6	37	1	2	1	18	9
L8+00N 4+00W	1	106.8	43	1	4	2	18	5
L8+00N 4+25W	1	92.3	34	1	4	1	15	3
L8+00N 4+50W	1	93.7	40	1	6	2	18	3
L8+00N 4+75W	1	75.3	46	2	3	1	11	2
L8+00N 5+25W	1	122.8	50	2	1	1	27	2
L8+00N 5+50W	1	137.1	51	1	3	2	29	3
L8+00N 5+75W	1	126.0	38	2	1	1	22	4
L8+00N 6+00W	1	126.0	58	2	2	3	53	2
L8+00N 6+25W40M	1	55.3	18	1	5	2	10	2
L8+00N 6+50W	1	172.7	39	1	1	1	33	3
L8+00N 6+75W	1	107.3	23	1	1	1	14	4
L8+00N 7+00W	1	80.7	23	1	1	2	12	2
L8+00N 7+25W	1	115.7	43	1	1	3	24	3
L8+00N 7+50W	1	109.6	34	1	2	2	22	4
L8+00N 7+75W	1	112.6	36	1	1	2	18	2
L8+00N 8+00W	1	170.3	32	1	2	3	26	3
L8+00N 8+25W	1	161.4	46	1	3	2	25	3
L8+00N 8+50W	1	180.1	85	1	3	3	27	4
L8+00N 8+75W	1	210.3	98	1	3	2	31	2
L9+00N 8+75W	1	214.0	91	1	4	5	33	3
L9+00N 8+50W	1	97.4	50	1	1	2	20	12
L9+00N 8+25W40M	1	108.1	44	1	2	2	19	4
L9+00N 8+00W	1	105.7	24	1	1	2	15	46
L9+00N 7+75W	2	161.5	40	2	2	2	29	3
L9+00N 7+50W	2	144.6	40	1	2	3	47	4
L9+00N 7+25W	1	124.5	35	1	1	1	27	3
L9+00N 7+00W	1	163.8	32	1	1	3	34	2
L9+00N 6+75W40M	2	110.6	31	2	1	1	20	4
L9+00N 6+50W	2	129.5	41	1	1	2	24	5
L9+00N 6+25W	2	97.4	26	1	1	1	21	4
L9+00N 6+00W40M	4	59.2	75	11	1	1	20	3
L9+00N 5+75W	2	117.3	45	1	2	2	28	2
L9+00N 5+25W	1	76.7	33	1	1	1	20	6
L9+00N 5+00W	1	87.2	57	2	2	1	45	3

COMPANY: MINCORD EXPLORATIONS | MIN-EN LABS ICP REPORT | (ACT:631) PAGE 1 OF 3

PROJECT NO: FROST LAKE | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-8019/P5+6

ATTENTION: G.L.GARRATT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JULY 21, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L9+00N 4+75W	.8	41430	33	28	43	1.2	12	2900	3.0	13	129	45930
L9+00N 4+50W	1.1	52470	40	31	56	1.7	14	3730	3.9	14	131	54180
L0+50N 0+25W	.8	30220	14	17	50	.8	10	5540	1.7	12	138	37820
L0+50N 0+50W	.8	34630	15	17	38	1.0	9	4140	.8	7	102	41940
L0+50N 0+75W	.9	27310	15	13	30	.6	12	4760	.7	7	65	35470
L0+50N 1+00W	.8	9990	7	4	17	.1	12	4350	.7	4	16	26530
L0+50N 1+25W	.8	19320	9	9	24	.4	12	4720	.5	6	41	37570
L0+50N 1+50W	1.1	37260	19	19	27	1.1	15	5150	1.2	9	137	43670
L0+50N 1+75W	.8	21710	20	8	30	1.0	8	5370	.1	5	28	44940
L0+50N 2+00W	1.4	17340	5	8	25	.7	19	6130	1.2	8	19	39970
L0+50N 2+25W	.8	26950	12	11	34	.6	10	4140	1.5	6	61	34840
L0+50N 2+75W40M	1.3	31900	11	17	59	1.5	13	9290	4.2	13	73	50840
L0+50N 3+00W	.9	30750	18	14	56	1.3	12	7180	1.9	12	150	39530
L0+50N 3+35W	.7	36680	15	17	44	1.2	8	4600	1.4	8	70	41620
L0+50N 3+50W	.8	28240	10	12	33	.6	9	4230	.6	7	47	30260
L0+50N 3+75W	.4	27430	12	12	38	.6	5	4190	1.3	7	38	30240
L0+50N 4+00W	.4	34970	24	17	40	.7	6	5230	3.0	6	26	38430
L0+50N 4+25W	.6	28480	14	13	38	.6	7	4620	2.0	6	46	35050
L0+50N 4+50W	.4	25240	1	10	45	.7	3	3150	1.4	6	39	34930
L0+50N 4+75W40M	.4	44050	26	21	72	1.4	5	4290	3.7	14	80	42100
L0+50N 5+00W	.3	34630	7	18	68	1.1	4	3840	3.6	13	54	43000
L0+50N 5+25W	1.0	36260	28	17	72	1.4	7	5420	1.6	8	33	41590
L0+50N 5+50W	.6	25530	3	14	49	.6	5	5850	2.4	10	28	38130
L0+50N 6+00W	.8	34950	20	17	43	1.1	7	3610	.5	7	57	41540
L1+50N 5+50W	.4	44210	36	23	83	2.0	1	880	2.6	14	105	51290
L1+50N 5+00W	.8	25060	15	10	35	.7	7	3930	.5	6	32	38710
L1+50N 4+75W	.4	43660	30	23	59	.8	3	7030	4.4	7	18	32590
L1+50N 4+50W40M	.5	37580	22	19	56	.7	1	8140	3.7	7	17	29800
L1+50N 4+25W	.7	33730	6	18	48	1.2	5	6760	4.3	8	37	39490
L1+50N 4+00W	.8	48140	7	26	51	2.1	2	2900	6.1	7	25	47910
L1+50N 3+75W40M	1.6	25370	7	12	73	1.5	30	8960	2.5	18	71	55270
L1+50N 3+50W40M	.6	10030	2	1	17	.1	9	4390	.3	4	10	27910
L1+50N 3+25W	.5	59330	4	26	28	.8	13	3010	.8	6	125	75160
L1+50N 3+00W40M	.8	15370	15	5	17	.3	15	3480	.3	5	17	33280
L1+50N 2+75W	.9	32310	13	13	28	.4	16	4860	.9	7	55	36900
L1+50N 2+50W40M	.8	13990	4	4	23	.1	17	4310	.2	6	29	27760
L1+50N 2+25W	.9	39220	2	17	32	.9	16	3790	.2	6	64	43200
L1+50N 2+00W	.6	41410	3	18	29	.5	9	2040	.5	5	82	36870
L1+50N 1+75W	1.2	38150	19	19	42	2.0	16	3600	.2	7	119	60010
L1+50N 1+50W	.7	22250	10	10	29	.5	12	3610	.2	8	32	33370
L1+50N 1+25W	.6	30920	2	13	29	.4	11	4650	.2	7	52	33020
L1+50N 0+75W	.8	29340	17	13	37	.4	10	4270	1.0	6	55	34700
L1+50N 0+50W	.9	34290	16	15	55	.9	12	5610	1.3	7	89	38320
L1+50N 0+25W	1.0	26780	16	11	41	.9	12	6030	.7	9	42	39300
L1+50N 0+00W	1.0	24830	10	10	45	1.0	14	5220	1.1	7	48	41990

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L9+00N 4+75W	150	4	12070	318	3	60	38	410	18	1	5	1
L9+00N 4+50W	170	6	10440	360	5	70	32	410	13	2	12	1
L0+50N 0+25W	230	6	5300	596	1	90	2	840	8	5	48	1
L0+50N 0+50W	160	5	4400	328	1	70	1	1010	15	1	47	1
L0+50N 0+75W	190	3	4330	334	3	80	3	600	12	1	54	1
L0+50N 1+00W	170	1	1790	198	2	60	1	340	7	2	59	1
L0+50N 1+25W	110	3	2880	187	1	70	1	440	6	4	69	1
L0+50N 1+50W	170	4	5610	206	1	70	3	600	8	2	78	1
L0+50N 1+75W	150	3	2290	255	2	70	1	470	7	4	75	1
L0+50N 2+00W	210	2	3960	389	1	120	2	450	5	1	64	1
L0+50N 2+25W	180	5	4130	231	2	70	1	420	7	1	45	1
L0+50N 2+75W40M	260	10	16380	402	2	90	16	190	13	5	82	1
L0+50N 3+00W	260	3	8650	433	1	110	3	400	9	1	91	1
L0+50N 3+35W	200	7	5070	245	1	60	4	590	15	1	47	1
L0+50N 3+50W	250	5	4440	298	1	60	3	540	9	1	45	1
L0+50N 3+75W	200	6	5020	546	1	60	3	1130	12	4	48	1
L0+50N 4+00W	240	8	10990	990	3	60	5	840	9	1	33	1
L0+50N 4+25W	220	4	5920	328	1	60	3	520	10	5	43	1
L0+50N 4+50W	180	7	6750	207	1	50	1	410	5	5	35	1
L0+50N 4+75W40M	250	13	11850	622	3	50	47	390	6	2	87	1
L0+50N 5+00W	470	19	16670	451	3	60	80	360	9	1	52	1
L0+50N 5+25W	270	14	4940	777	1	60	3	740	5	2	112	1
L0+50N 5+50W	230	12	9700	1037	2	70	38	520	11	1	37	1
L0+50N 6+00W	160	8	4540	203	3	60	4	350	12	2	39	1
L1+50N 5+50W	1370	10	11310	1006	5	10	12	490	8	1	15	1
L1+50N 5+00W	160	5	4180	208	2	50	1	900	9	1	48	1
L1+50N 4+75W	240	12	17650	939	2	20	1	260	16	1	10	1
L1+50N 4+50W40M	730	7	15770	978	1	10	1	310	4	5	49	1
L1+50N 4+25W	210	9	16990	438	4	90	1	230	13	1	37	1
L1+50N 4+00W	340	15	25450	524	1	10	1	270	20	8	11	1
L1+50N 3+75W40M	190	2	9400	1244	1	40	8	670	6	5	178	1
L1+50N 3+50W40M	150	1	2200	141	1	40	1	230	7	2	67	1
L1+50N 3+25W	180	2	4150	158	6	40	2	1400	9	1	34	1
L1+50N 3+00W40M	150	2	3030	128	2	30	1	360	4	2	48	1
L1+50N 2+75W	180	5	4550	227	3	50	1	440	13	5	68	1
L1+50N 2+50W40M	180	2	3160	151	1	50	1	250	7	3	58	1
L1+50N 2+25W	170	4	3470	179	1	70	1	460	12	2	41	1
L1+50N 2+00W	190	4	3420	150	1	40	1	750	4	1	14	1
L1+50N 1+75W	230	5	5140	318	1	70	1	1500	15	1	46	1
L1+50N 1+50W	150	5	2700	414	2	60	1	1030	11	1	51	1
L1+50N 1+25W	180	5	2880	251	4	70	2	580	13	1	50	1
L1+50N 0+75W	190	3	3520	276	3	60	1	620	13	1	39	1
L1+50N 0+50W	210	4	4530	289	2	100	1	500	10	1	62	1
L1+50N 0+25W	190	5	4180	314	1	90	1	380	9	4	79	1
L1+50N 0+00W	170	3	4120	204	3	90	1	330	10	1	60	1

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L9+00N 4+75W	1	123.3	61	1	2	2	72	3
L9+00N 4+50W	1	151.8	66	1	2	2	82	2
L0+50N 0+25W	1	105.6	57	1	2	1	17	4
L0+50N 0+50W	1	110.1	49	1	2	1	21	3
L0+50N 0+75W	1	108.0	36	1	1	2	21	2
L0+50N 1+00W	1	106.3	16	1	1	1	17	4
L0+50N 1+25W	1	121.7	30	1	1	2	22	3
L0+50N 1+50W	1	131.6	35	1	2	1	35	2
L0+50N 1+75W	1	133.1	35	1	1	2	33	4
L0+50N 2+00W	1	158.7	34	3	2	2	47	3
L0+50N 2+25W	1	102.3	35	1	1	2	22	2
L0+50N 2+75W40M	1	142.7	57	2	1	3	28	3
L0+50N 3+00W	1	115.8	39	1	1	3	20	3
L0+50N 3+35W	1	103.9	53	1	1	1	42	2
L0+50N 3+50W	1	84.4	46	1	1	1	19	4
L0+50N 3+75W	1	74.5	53	1	1	1	17	3
L0+50N 4+00W	1	63.8	77	1	1	1	9	5
L0+50N 4+25W	1	88.5	37	1	2	1	17	2
L0+50N 4+50W	1	93.6	35	1	1	1	22	3
L0+50N 4+75W40M	1	100.7	46	1	3	2	49	2
L0+50N 5+00W	1	84.0	51	2	1	3	55	3
L0+50N 5+25W	2	94.8	84	2	2	1	27	2
L0+50N 5+50W	1	79.7	51	2	1	3	66	2
L0+50N 6+00W	1	112.9	42	1	1	1	33	2
L1+50N 5+50W	1	95.4	52	1	2	3	20	3
L1+50N 5+00W	1	98.7	38	1	1	1	23	2
L1+50N 4+75W	1	66.7	79	2	2	2	2	4
L1+50N 4+50W40M	1	64.2	58	2	3	1	1	3
L1+50N 4+25W	1	83.6	51	1	1	1	9	2
L1+50N 4+00W	1	78.4	59	1	4	3	1	2
L1+50N 3+75W40M	1	153.4	65	3	1	1	37	3
L1+50N 3+50W40M	1	82.9	17	1	1	1	15	2
L1+50N 3+25W	1	105.2	23	1	1	3	26	4
L1+50N 3+00W40M	1	104.6	26	1	1	1	21	2
L1+50N 2+75W	1	107.7	32	1	1	3	28	3
L1+50N 2+50W40M	1	99.7	28	1	1	1	19	2
L1+50N 2+25W	1	123.7	31	1	1	2	25	2
L1+50N 2+00W	1	102.2	34	1	1	2	19	2
L1+50N 1+75W	1	164.7	40	1	1	3	34	3
L1+50N 1+50W	1	90.9	43	1	1	2	20	4
L1+50N 1+25W	1	94.3	33	1	1	1	19	16
L1+50N 0+75W	1	103.2	33	1	1	1	20	5
L1+50N 0+50W	2	110.0	43	1	1	2	18	4
L1+50N 0+25W	2	111.6	45	1	1	1	22	3
L1+50N 0+00W	1	129.7	37	1	1	1	22	2

COMPANY: MINCORD EXPLORATIONS
PROJECT NO: FROST LAKE
ATTENTION: G.L.GARRATT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:G31) PAGE 1 OF 3
FILE NO: 7-801S/P7
* TYPE SOIL GEOCHEM * DATE:JULY 21, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L2+50N 0+50W	1.0	27140	9	16	66	1.4	10	5900	.7	9	69	49220
L2+50N 0+75W	.8	44180	21	23	62	1.8	7	4810	.1	39	80	42430
L2+50N 1+00W	.7	33490	25	20	58	1.3	11	5910	.4	8	66	39870
L2+50N 1+25W	.6	24180	8	14	320	1.1	8	7390	.7	7	34	34150
L2+50N 1+50W	.7	33430	16	18	37	1.6	12	4050	.8	7	114	48180
L2+50N 1+75W	.6	32000	10	18	40	1.4	9	4930	.6	7	59	46740
L2+50N 2+00W	.7	35500	19	19	40	1.3	10	5900	1.2	7	55	45010
L2+50N 2+25W	.7	30480	16	17	37	1.6	9	6630	.4	7	48	51050
L2+50N 2+75W	.8	33550	4	18	33	1.2	13	6700	1.3	8	69	41080
L2+50N 3+00W	.8	36290	1	19	33	1.5	12	6360	.8	8	72	47810
L2+50N 3+25W	.6	15710	8	10	29	.9	11	7140	.1	7	26	73650
L2+50N 3+50W	1.1	39540	4	21	36	1.4	10	5960	.9	7	60	44630
L2+50N 3+75W	.8	28630	11	17	30	1.4	12	9090	1.7	7	56	45900
L2+50N 4+50N	1.2	46690	20	24	203	1.8	12	13740	2.7	14	168	54640
L3+50N 4+00W	1.0	39010	30	23	54	2.2	18	10740	3.4	17	134	72090
L3+50N 3+75W	.8	31330	18	19	43	1.5	12	9640	1.4	12	73	48090
L3+50N 3+50W	1.2	48730	3	27	52	1.9	12	9630	1.5	14	79	53120
L3+50N 3+25W	1.3	69530	3	35	90	1.7	18	8250	2.7	17	230	54830
L3+50N 2+75W	.9	41410	28	21	29	1.3	9	4310	1.2	5	49	44500
L3+50N 2+50W	.9	24860	17	15	43	2.0	25	5920	.9	11	46	70660
L3+50N 2+25W	.5	7870	4	6	14	.9	11	4840	.6	5	11	37250
L3+50N 2+00W	.6	10470	8	7	21	1.1	9	3290	.7	4	15	42070
L3+50N 1+50W	1.2	70490	24	35	32	1.6	6	2690	.3	5	110	51070
L3+50N 1+25W	.5	10500	7	7	14	.7	8	5210	.2	4	14	23270
L3+50N 1+00W	1.9	31550	8	17	43	1.7	9	4700	.1	9	48	49470
L3+50N 0+75W 40M	.6	13750	8	9	38	.9	9	5460	1.1	5	23	29840
L3+50N 0+25W	1.0	62300	1	31	32	1.2	2	3040	1.9	6	95	32210
L6+00N 3+00W	.5	7360	4	5	12	.2	6	3580	1.2	3	7	9580

COMPANY: MINCORD EXPLORATIONS
PROJECT NO: FROST LAKE
ATTENTION: G.L.BARRATT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 7-801S/P7
* TYPE SOIL GEOCHEM * DATE:JULY 21, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L2+50N 0+50W	250	8	3420	606	1	120	1	860	14	2	69	1
L2+50N 0+75W	200	5	2310	1692	3	100	1	1250	10	5	50	1
L2+50N 1+00W	260	7	2930	360	1	110	1	600	11	3	66	1
L2+50N 1+25W	220	2	2180	580	2	110	1	400	4	2	168	1
L2+50N 1+50W	210	9	3250	243	2	90	1	760	13	4	49	1
L2+50N 1+75W	220	8	3400	255	1	90	2	630	11	4	59	1
L2+50N 2+00W	210	6	3830	228	2	90	1	470	10	4	64	1
L2+50N 2+25W	220	8	3680	226	2	80	1	390	11	4	131	1
L2+50N 2+75W	200	6	5330	236	1	100	1	400	13	2	86	1
L2+50N 3+00W	180	8	4620	235	2	100	1	460	4	4	87	1
L2+50N 3+25W	270	2	2580	623	1	100	1	400	6	1	96	1
L2+50N 3+50W	190	7	3890	196	2	90	1	480	13	4	63	1
L2+50N 3+75W	360	7	4240	250	2	100	1	570	7	2	117	1
L2+50N 4+50W	280	6	7860	866	2	130	7	930	7	6	107	1
L3+50N 4+00W	310	9	12860	496	1	110	13	690	3	6	148	1
L3+50N 3+75W	250	10	6290	290	3	110	3	450	14	2	113	1
L3+50N 3+50W	300	13	8190	386	2	120	12	530	10	6	99	1
L3+50N 3+25W	280	7	13190	588	3	200	12	690	17	5	58	1
L3+50N 2+75W	210	8	2990	214	1	70	2	620	11	5	35	1
L3+50N 2+50W	340	6	2970	281	2	40	2	1570	6	5	117	1
L3+50N 2+25W	100	1	1060	440	1	110	1	200	9	1	38	1
L3+50N 2+00W	170	2	1420	217	2	70	1	390	3	1	34	1
L3+50N 1+50W	190	6	2780	180	1	60	2	1760	13	7	7	1
L3+50N 1+25W	140	1	2060	225	1	80	1	400	7	1	41	1
L3+50N 1+00W	210	15	2770	297	1	80	1	720	7	4	58	1
L3+50N 0+75W 40M	190	2	2390	235	1	120	1	440	5	2	59	1
L3+50N 0+25W	150	4	4210	261	3	70	1	930	7	7	5	1
L6+00N 3+00W	120	1	910	88	1	80	1	220	5	1	79	1

COMPANY: MINCORD EXPLORATIONS
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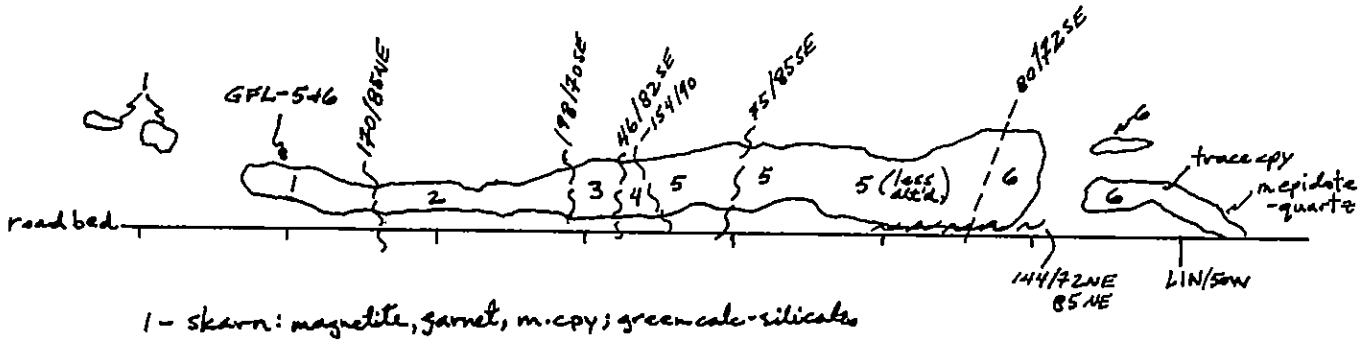
(ACT:631) PAGE 3 OF 3
FILE NO: 7-8015/P7
* TYPE SOIL GEOCHEM * DATE:JULY 21, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
L2+50N 0+50W	1	129.9	80	1	3	1	29	2
L2+50N 0+75W	1	95.0	85	1	1	7	21	5
L2+50N 1+00W	1	124.1	51	1	3	4	17	4
L2+50N 1+25W	1	92.7	39	1	1	2	13	3
L2+50N 1+50W	1	137.0	45	1	2	8	24	4
L2+50N 1+75W	2	129.4	49	1	1	1	25	5
L2+50N 2+00W	1	125.0	41	1	3	1	27	3
L2+50N 2+25W	1	147.1	44	1	2	6	33	13
L2+50N 2+75W	1	124.3	40	1	5	5	31	3
L2+50N 3+00W	1	138.7	45	1	4	7	31	4
L2+50N 3+25W	1	127.4	29	1	6	2	24	13
L2+50N 3+50W	1	117.2	37	1	6	5	31	8
L2+50N 3+75W	3	143.6	36	1	6	3	35	6
L2+50N 4+50W	3	154.6	59	1	6	1	54	5
L3+50N 4+00W	2	225.9	61	2	7	1	65	4
L3+50N 3+75W	2	148.0	47	1	6	1	34	12
L3+50N 3+50W	2	148.8	65	1	4	7	38	3
L3+50N 3+25W	2	178.8	55	2	5	7	34	24
L3+50N 2+75W	2	125.8	38	1	1	4	26	3
L3+50N 2+50W	2	245.7	43	3	12	2	32	3
L3+50N 2+25W	1	124.2	22	1	4	1	20	14
L3+50N 2+00W	1	147.5	24	1	4	1	20	5
L3+50N 1+50W	1	112.1	27	1	6	6	34	6
L3+50N 1+25W	1	89.9	22	1	3	1	15	3
L3+50N 1+00W	1	116.5	53	1	2	5	27	2
L3+50N 0+75W 40M	1	111.3	35	1	3	1	20	2
L3+50N 0+25W	1	69.6	29	1	2	6	21	4
L6+00N 3+00W	1	51.9	20	1	3	1	16	4

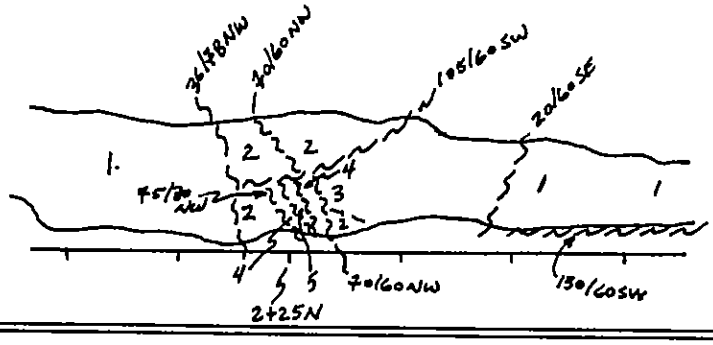
0+20N/50W Skarn Showing – sketch view - looking grid west.
(Trunk Road 8)



1 - skarn: magnetite, garnet, m. cpy; green calc-silicate
2 - altered amygdaloidal basalt (?) - light green; minor quartz + epidote veinlets
3 - less altered basalt
4 - skarn: garnet, calc-silicate
5 - mod. altered basalt
6 - feldspar porphyry - diorite

0 5 10 meters

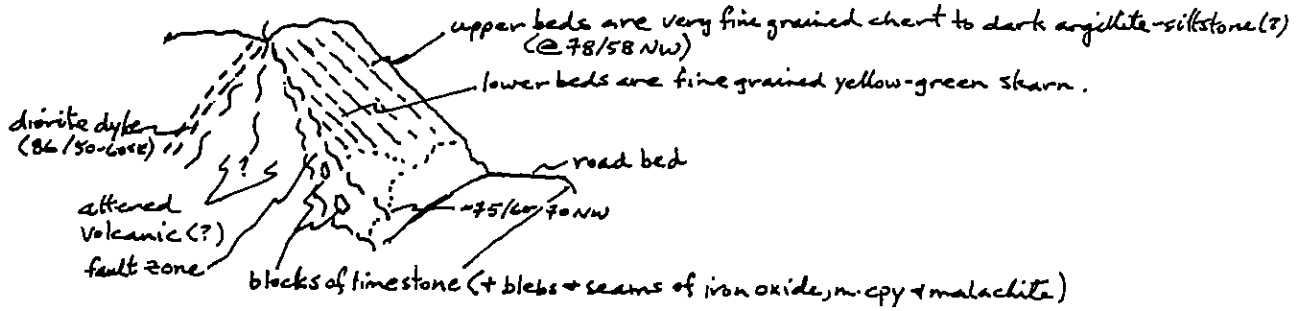
2+25N - Trunk road 8 skarn showing - sketch view looking grid west.



1. - hornfels, diorite (?)
2. - altered basalt (?); local epidote + m. quartz veinlets
3. - dark green, fine grained "hornfelsed" volcanic
4. - pale green, fine grained hornfels w. patches + spots of epidote; minor cpy.
5. - magnetite (chalcocite ?) w. ~ 10% euhedral 2-4mm amber garnet (2 - 10 cm x ~ 1 m.) (GFL-7 - rock sample)

0 5 10 meters

9+50N - Trunk road 8 skarn showing - sketch looking ~ grid west.



LIN/200-217.5W - strong fault plane @ 131/74 SE...
w. slickenslides @ 10° NW - app left-lateral
calc-epid-chl; mod. qtz-epid veins to 1cm
+ occ. m. dissem. cpy in alt'd basalt;
f.g. dk grey basalt, massive o/c; another
strong fault @ 13/70 SE w. slicks @
10° SW; local sm. qtz vnlt stockwks over ~0.5/1m
(weak)
- at 5 and 9m (?) - f.g. dike? - 5-10% f.m.
dissem. mag; tr dissem. cpy; feldspathic w. occ.
subhedral grains of fldsp; weathers a lighter grey
than basalt.

6-2 - f.g. brown + green (epid.) mottled hornfelsed
basalt

6-3 - bleached + alt'd + silicified basalt (?)
grey to white; qtz vnlts [illegible] to 1cm (?)
w. [illegible] sulphides.
6-FA - 1 grab of silicified zone - prob.
restricted - bench of o/c is sheared alt'd basalt
- gully cr. runs ~115° - 1m in = fault.
- 1m strong bluff above ~1N/4W.

6-4 - black f.g. slightly hornfelsed sugary basalt;
wk-mod prop (green-mod) alt'n, f. qtz vnlt/4cm
locally.

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[illegible] 1751 LL.

SP-2 - mostly variably alt'd, sheared (?) [illegible]
intermediate (?) fractured basalt; epid, micro py;
locally see m. qtz vnlts to 9mm (?) at [illegible];
3 or 4 fldsp dykes - some s. end [illegible]
end of [illegible] [illegible] dk hornfels borders to
~1m, cut by qtz + epid + cpy veinlets
to 2-3cm; generally dykes and small [illegible]
Giles' hornfels [illegible] [illegible]
dykes + not [illegible] as mapped.
- lenses small [illegible] in alt'd basalt
at one pt. basalt o/c's around lenses
are [illegible] locally sheared + fract'd.

- between 52 + 55 - the volcs get v. alt'd locally
[illegible] when they are [illegible] hornfels
+ locally silicified [illegible] vnlts; sulphides
v rare; occ. fldsp [illegible] [illegible] prop. (?)
[illegible] of the volcs
look [illegible] alt'n; hornfelsing
[illegible] look [illegible] blacker
[illegible] [illegible] shearing - some hi
angle - some low angle; sense of thrusting
[illegible] small blocks [illegible] hornfelsed volcs in
[illegible] to cpy [illegible] volcs hornfels

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6-5 - variably alt'd amygd. basalt - locally bleached to pale green w. abund epid (qtz) in amygds; generally a spotted f.g. green + white gndmass w. 0.5 mm amygds - generally epid.

6-6 - alt'd basalt - small shear along o/c edge ~103°; lower end of o/c carries abund epid & qtz vnlts + m. cpy - py w qtz, generally the o/c is wkly qtz veined; sheared alt'd.

6-7 fldsp π - diorite (?) variable texture from porphyritic w. well developed white fldsp phenos to close packed fldsp - sub-angular, occ dike inclusion - at least one 2m faulted block of alt'd basalt. cut by m. - med qtz vnlts - barren w. epid.

6-8 - continuation of dte - variable from dk green - black f.g. hornfels looking rock to fldsp π to fldsp amyghite π. massive, locally cut by med. qtz. epid vnlts, tr cpy.

6-9 - dk alt'd basalt? - cut by epid-qtz vnlts, appears to be dominantly mafic, massive but not smooth weathering like diorite.

6-10 - alt'd - diorite - gabbro? - m̶e̶d̶ med grained intergrowth of fldsp + mafic xtls; apple green fldsps; m. diss py + tr cpy; ie little more mafic than dte + too coarse (locally) to be basalt (?); local epidotization may be basalt

6-11 - alt'd basalt? dk green w. 3-4mm anh. fldsps, locally completely bleached + cut by hairline qtz vnlts.

6-12 - black, f.g. alt'd basalt.

Spur road 5

0 m - andesite? f.g. dte? - massive grey weathering
6-13 f.g.; pervasively prop alt'd - med-dk green w. spots of epid; some fldsp phenos visible cut by 0-10 epid. qtz vnlts/m.

6-14 - med green epidote colored - f.g. slightly sugary texture, volcanic ?, v. fract'd, hard to get fresh surface
- locally bleached pale green where cut by abund hairline qtz vnlts.

6-15 - green propl'd andesite (?) - f.g. w. 1-2 mm black anhed. mafics; m. diss'd. cpy, intensely fract'd, rotten, abundant very abundant MnO, locally 0.5% diss'd py. tetrahedrons locally amygdaloidal w. mafic spherical amygds. - more basaltic looking w sugary gneissic texture toward S (~ 285 m)

6-16 rock looks less alt'd - grey f.g. andesite, m. dioritic dyke w 565, occ. fldsp phenos. massive, well fract'd, alt'd.

6-17 ~600 m amygdaloidal black 2-4 mm amyg
— v. slightly sheared ~130/30 NE (fract)
6-16 ~630 = dioritic? v. fine-grained grey fldsp + altered
[illegible] (interstitial); [illegible] epid spots; massive
— is then quickly back to alt'd andesitic volc.
~650 m — texture quite variable - back to
coarser [illegible] ~645 - all prob same — maybe andesite
6-17 - through 800 m generally alt'd andesitic, prop
alt'd but not strong (though pervasive)
~810 - a 1-2 m zone bleached to light green.
~832 2-3 m of crowded fldsp [illegible] [illegible] buff.
6-20 ~850 - back to a grey amygdaloid - f.g. grey [illegible]
w. 3 mm [illegible] black amygs in epid;
m. diss't'd or [illegible] py, po; mod. magnetic.
massive; slightly Fe stained weathering.
6-21 - through 960 = variably massive to amygd. andesitic
wk alt'n.
6-22 1085 m - [illegible] occurrence - few pieces of bright
red Fe-ox + MnO coated - fract'd [illegible] - hard to see
what type - sulph - silicates?? - ~0.5% cpy
diss't'd through - flashy; non-magnetic - no
apparent source here - unalt'd andesitic volcs
- abund epidote in sample.
6-FL-3
6-23 - 1110 - epid alt'n. and; barren; mod [illegible] [illegible];
mod. bleached.

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~1125-30 : back to dark alt-basalt.
~1160 = creek.
~1170 - sheared black, slickensided basalt -
andesite;
6-24 ~1200 intensely fract'd and [illegible]
~1270 - can see shearing still in grey andesite:
locally amygdaloidal; m. malachite on sheared
basalt
~1300-1323 = lmstn = against sheared volc
@ 1323 @ ~20°/60 SE
6-25 1335-1390 = lmstn = massive grey
1410-1445 = " - 1445 = contact @ 60/60 SE
= sheared - slicked w. alt'd andesite.
1450 = ∠ 3N/6+25W
6-26 1470-1535 = lmstn - @ 1525 = bedding - 83/51 NW
interbedded calc slts.
1540 = large draw creek (underground now)
- probably a fault.
6-27 1550 - basalt - amygd locally.
1800 - ∠ 2N/6+75W - still alt'd basalt
~1635 - c/o = end of rd.

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Frost Lake : July 7/87

Spur rd. 6 - start from south end.

7-1 0m-10m = sheared alt'd. rotten basalt - brown-grn

10 - 45m = diorite π - close packed sub-euhed

FL-4 grey-white fldspr in finer mafic-fldspr groundmass

m. dissem'd cpy locally; abund. qtz vnlts locally.

@ 25m - see what appears to be thrusted slabs @

~30/53°SE - mod angle reverse fault. smooth

curvy faces; qtz vnlts + alt'n appear to follow

these slabs - esp. near their borders w/ sheared

alt'd material between; qtz vnlts almost

chalcedonic locally - no sulphides & vnlt systems

generally only 10-30cm thick though boudinage

indicates generally pervasive unit (= fldspr π)

7-3 45- : green andesitic - rock changes

to qtz filled amygdaloidal unit - 50-55m

massive continuous o/c - thrust structures

not evident past ~45 - amyg unit is

variable to an aquagene bx = flow bx's - marine

black glassy looking matrix locally + felsic rims

pillows evident locally at ~115m

(55m = LON)

7-4 @ 143 - bottom of o/c see diorite close packed FP

cutting aquagene bx @ 103/58 SW - dyke

is at least 1m wide, prop alt'd, m cpy + few qtz

~122 = L1N - still aquagene flow bx - pillow

7-5 - 232m - another fldspr dyke @ 90/60S ~3m

wide exposure @ base of o/c of aqu. bas bx

appears to be faulted off @ 170/70NE @

~238m - back to bx

240-280 : see number of thrust like

elliptical slabs stacked - one attitude

= 70/40SE + rolls into flat lying smooth

surface.

292m = 2N/9+25W - still bas. agua bx

391m = 3N/9+25W - " " " "

7-6 - 410m - change to med-dk green andesitic

f.g volc w/ 2-6mm black mafic amygs.

cut locally by qtz-epid vnlts w/ m. bleaching

nothing significant.

495-571 - no o/c

7-7 571-548 - same amygd. andesite

548-563 - no o/c

563-594 - same and.

618-630 - same and. strong bluff 100m

up + on road. drop below in dacite - fault,

655-677 - same amygd. and.

700-77- " " " sheared, alt'n

rotten, local zone w/ qtz blebs.

7-8 775-800 - talus + sub o/c of buff to red brown weathering volc - alt'd + cut by qtz-epid vns strong red hem coloration - no sulphides.
although this stretch stands out in color the rocks do not look particularly good though there is abund. alt'n.
- where the upper bluffs were 2-300m above rd - they now are ~100m above - 1050 m.
- no o/c on rd from 800m
- from 1040 rd swings away from bluffs

7-9 @ 1130 = 1st lmstn knob w 30-50 m gully separating it from base of steep slope up to rocky bluffy slopes - prob fault
- see blotchy orange discoloration (weathered surface) in lmstn which is white alt'd lmst'n cut by calc veins - no qtz or sulph
1130-1145 = lmstn
1130-1200 = lmstn knob in flat area
 vfg black grey

7-10 ~1350-1475 - rd curves back to bluffs - gully
1425 - at base of bluff of volc. - intensely fract'd
1450 : numerous small shears; looks andesitic - very rotten - cleaved up - a little qtz; bluffs above look more massive

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7-11 1485-95 - sheared alt'd andesitic ? volc.
1510-1550 - debris of variety of and-bas flow rx - some amygd - from bluffs above.
7-12 1795-1824 = lmstn - @ 1824 = vert contact to sheared volc (covered)
7-13 1830-1836 = lmstn w. small 1-2 m slices of volc caught up.
1915-1960 - lmstn.
1980-1990 - "
7-14 2025-2030 - alt'd vlk.
2035 = junction to some rd. (not main rd.)

7-1 Shear zone @ 20/30 SE (thrust?) cut by fault - shear plane (smooth face) @ 60/85 SE; the low angle fault is bordered by zone of intense fracturing healed by zeolite veins, infilling - rock crumbles when hit.

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July 8/87

Lens Main West to B60LW

8-1 diorite stock - large common comm. on the lens Cr. valley. - micro to med grained - locally fldsp π, commonly wh-med prop alt'd - greenish fldsp; chund. diss't'd mag; massive blocky o/c character; local m. str-epid vnlts; tr py.

8-2 Same diorite - some f.g. micro variety w/ occ fldsp phenos to coarser fldsp π; locally see sub-euhed amphib phenos - generally mafics are fine grained + interstitial to fldsp which are often stubby + less commonly elongate

8-3 Same dte - m. comm. see slicked shearing - faulting + increased alt'n w/ partly epid'tz of f'ldsp - some epid str.ing, m. py locally + wk chl'tz of mafics - textures fuzzy locally + have to scout around for good fldsp phenos in alt'd zone

8-4 - strongly sheared ~ ~ 025-35/90, chl'd epid along shear planes (?), rock textures generally gone - locally looks dioritic but also f.g. green volcanic looking; at W end of o/c see shearing @ ~ 85-90/75 N/W & 90/60 S; v. difficult to determine this chloritic highly sheared rx; m. epid-calc ± qtz vnlts-fract filling w. tr-mal(?) + m. diss't'd py + tr cpy locally.

8-5 - fldsp porph dyke - rhyolitic - dacitic - @ 86/78 SE; v.f.g. pale green groundmass w/ 2-6 mm white sub-euhed. fldsp phenos - some small clusters of cryst'l [illegible] appears to be cutting a more mafic dioritic intrusive similar to that previously seen w/ intergrowth of amphib + fldsp - f-med grained; a micro diorite band (f.g.) w/ epid xenoliths to several cm also seen - cm/m wide in dte.

8-6 - fresh diorite - med grained, mod. magnetic.

8-7 - f.g. dark green - black dte - occ see fldsp phenos to 3-4 mm; where see m. epid see tr cpy; this could be taken as volc but believe it to be a f.g. version of dte as seen elsewhere; locally see fldsp π.

8-8 - totally sheared alt'd ? - unrecognizable - chloritic w black (chl) streaks, pervasively sheared - breaks off in tiny pieces.

8-9 - wkly sheared diorite - see good int. textures again

Branch road B60LW - overgrown

8-10 - med. to coarse grained fresh diorite, locally see blocks or xenoliths of f.g. dk green or black rx; variable grain size + evidence of multiphase - ie coarse g. cuts med grained variety; massive well

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jointed o/c ; this must be close to core of intrusive versions f.g. from felt looking varieties to east on the property.
650m - large bldrs - sub-o/c? coarse dte.
768m - creek, o/c of dte blocks of f.g. FP to 3-4m enclosed + cut by dte.

8-11 - 1180 m - f.g. black gabbroic to basaltic looking; fresh, unalt'd, massive; intrusive phase ?? vlc? appears to be ≥ few amygs → epid - therefore more likely a flow basalt.
1190 - more definitely amygdaloidal vlc.

8-12 - 1225m - large 1-2m boulders - angular (sub o/c?) of a v. coarse bx 5 large (to 1ft) irreg. blocks of black amygd. basalt + smaller (to 10cm) irreg. frags of alt'd lmstn, set in a matrix of epid + qtz - traces of malachite in some frags + m. diss. oxidized sulphides (py) seen in matrix; very unusual bx appears to be a flow bx (?) derived from passing across lmstn bed (?) - basalt blocks were very hot to get so irregular; could also be hydrothermal but basalt blks relatively unaltered as is lmstn; some basalt frags show bleached light green rims to 2cm; some brownish calc-silicate in matrix as well (f.g. garnet?)

8-12 cont'd.
~20m up the hill is o/c of f.g. andesitic looking rx - massive o/c character - not well jointed - could be f.g. micro diorite ? prob. not - locally see epid 'spots' - prob. a flow

8-13 - 1250-1350 - massive o/c above rd - same grey andesite looking unit was subtr. lentine, but gets coarser as go west - NW; looks like a fine grained diorite w/ intergrown mafic + fldsp xstls + occ (5%) 2-4mm white fldsp phenos - very uniform.
coarse andesite or fine diorite? !-
- most likely all a thick section of massive flows - seen some banding w/ aligned amygs - flow

8-14 - bridge

- coarse diorite's int. bounds the lmstn-marble to N+S; northern contact is high angle + marked by small barren skarn; a transition zone of mixed diorite, volcanic (?) + marble lies in between in apparent fault contact.

plc?

FLS-6: ~~Host~~ occurrence of skarn between L0+1N on Trunk road B

5 = garnet magnetite skarn ~30-40% magnetite & rest is brown garnet.

6 = magnetite-calcsilicate skarn w. m. green 1m garnet cpy (one fleshy piece - specimen).

– this looks like it might be o/c after digging a bit. – should trench, it is outcrop.

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Spur Rd 2

9-1 6m – 2m o/c of f.g.-med.g. prop alt'd fldsp. π (?) slightly hornfels in part; med greenish color under lens – mass = dk grey; m. qtz vnlts, tr py on fract planes, m. epid vnlts; strong planar surface @ ~340/90.

25m – more alt'd – dominantly light green (epid/saus) f.g. w/ ghosty fldsps; a little more qtz vnlts, bleached + propylitized.

9-2 – 110m – 129m: fldsp π – ~5% white (some w/ epid) sub-euhed. fldsp phenos 2-4mm in a fine cryst'lline gndmass of fldsp + amphib xstls; m. dissem'd cpy, some w/ epid around fldsp phenos; a little coarser @ 120m – looks more like a diorite; ~127m the

mafic xstls a little more prominent 2-3mm; a gtlsi. cast implies wk. prop alt'n; massive & moderately well jointed.

9-3: 145-7m – ~25% amphib sub-hed. phenos in f.g. prop gndmass – looks andesitic – magnet bei...

151-160: same but w/ larger mafics, & irreg. in shape – amygd, round to subhed – get impression of f.g. tuff? or amygdaloidal flow?

– by 156 see fairly decent amygdules (mafic) locally – amygd. andesite

9-4 167-9: hornfelsed fldsp π – 2-5mm sub-euhed fldsp. phenos in a f.g. grey-green sugary gndmass; conchoidal break, v. hard to break

9-5: 250-282 – @ 250 see a highly sheared rotten unit prob volcs; from ~260 see a diorite massive unit mod alt'd light green w. occ fldsp phenos,

dyke by 270 see good dioritic texture – close packed fldsp π w interstitial f. mafics; immed. adjacent is f.g. dk grey rock bordering on hornfels, but not quite sugary – chilled phase of dyke?

m. py in this rock.

285-90 – same dk grey almost sugary unit – massive moderately – dom. planar surface 130/30 SW

9-6 300 – 355: amygd. andesite as @ 9-3, irreg

2-4mm mafics + <5% 0.5-1.0 cm oval fldsp filled amygds w. tr cpy, epid; massive, indurate; locally bleached to light green f.g. rx; locally amygs (mafic) are larger + more abundant;
L6N/300W = 342m.
340-354 = alt'd to f.g. light green - f.g
9-7: @ 354 = ~0.5 m. hard hornfelsed fldsp π - prob dyke
Same as 9-4; 355
9-8 371-395: amygd. andesite - med green; locally see abund. spherical mafic amygs; where slightly bleached grey see m. disst'd cpy.
9-9: 415m - 494: same amygd andesite; @ 455 m = strong shaly fract @ 70-75/50 SE as road turns 90° to parallel this dom. plane - coincides w. upcoming creek - implies fault.
505m: Creek.
9-10: 520 m - 570: sheared - alt'd andesite (basalt?) local zones of strong zeolite vnlts - alt'n;
@ 531m = a wedge of calc-silicate hornfels w shear boundaries ~ 135/70 NE; actinolite - epidote w. disst'd cpy; ~ 1ft. wide @ base + pinches to 3 inches where it abruptly ends on upper; radiating black act xst'ls
4N/4+20W = 592m.

627: sheared + alt'd. vlc.
9-11: 635-695: strongly sheared + alt'd unrecognizable vlcs; prom planes (shear) are 70/60 SE + 145/80 NE; there are polished curvy surfaces; rarely see relict andesitic texture.
713m = L3N/4+47W.
9-12: 715-727: alt'd. - epidotized and - basalt - rotten, sheared, crumbly; loc. qtz vnlts.
730-763 = sheared, alt'd vlc - and.
@ 752-55 = f.g. dioritic unit - dyke.
9-13: 800-871: lmstn. ~ 60/20 NW appears to extend above + below rd,
877-881: sheared alt'd and; light green; mod epid in fldsp. - lmst enclosed - folded in?
896-904 - sheared alt'd vlc; locally abund. zeolite on fracts; rubbly, crumbly
909 = creek - major draw (L2 ~ 908m)
9-14: 916m - 945: lmstn. - some in rd. + knob ~25m below rd @ ~950m
9-15: 954-965: highly fract'd + bleached + leached and basalt? - vuggy weathered out holes may have been amygs.
9-16: 992-: 992-995 = dte dyke - apple green

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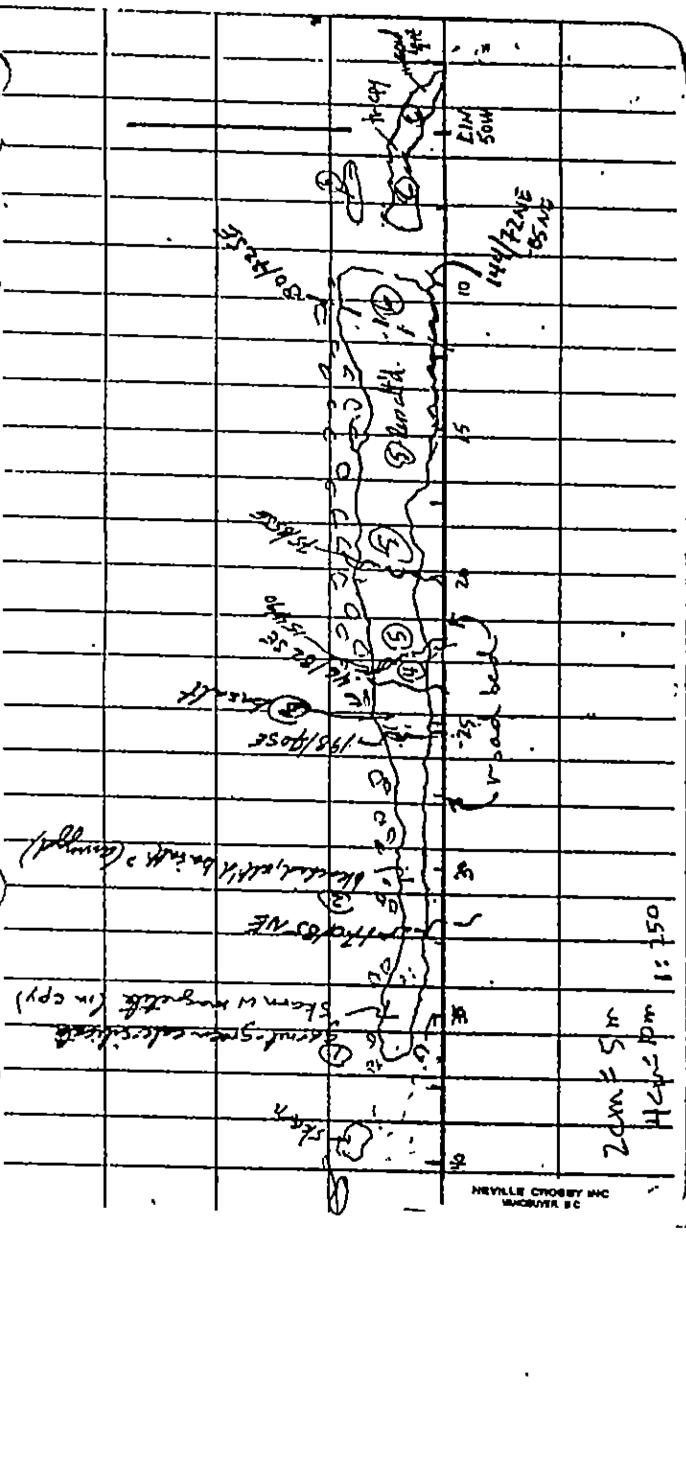
fldsp w. f. interstitial mafics;
993-1012: amygdaloidal to f.g. and-basalt.
1002m = 1N/5+75W
the basalt locally contains qtz & alt'd calc filled amygs to 1cm x 6cm w. tr. py; generally a med-grained fairly coarse rock & makes some of the diorite designations questionable
9-17: 1014-1034: frothy amygd. basalt w. f.g. purple hematitic gndmass; up to 30% amygs
9-18: 1047-1067: mafic vlc. - black-dark green basalt - a/mafic.
1067-1068 - fldsp FP dyke: 2-4mm euhed. fldsp + hbl. xstls in f.g. greenish gndmass ~1.5m wide @ 108/40 SW - apparently sheared contacts.
1067-1082: alt'd vlcs
1083-1085: FP dyke - as above
1087-1097: strongly sheared + alt'd - crumbly; at upper end of sx see it is mafic vlc as above
1111m = 0N/5+75W
9-19: 1111-1125 - sheared altd basalt.
9-20: 1140-1145: alt'd volc: prom. plane = 90/90
1145-1150: dk grey green transition
1150-1163: FP dyke: fldsp hbl = above cut by 2mm to 2cm qtz epid-chl veinlets

1163-1169: f.g. green black contact zone ∴ prominent plane @ contact to alt'd volcanics = 84/65 NW
1169-1180: amygd. andesite, green as described earlier; contact contains m. qtz vnlts + sheared. Fed vnlts w. little alt'n other than shearing.
~1180 = 2m o/c of another dyke that appears to parallel last; continued to 5: a draw then last of vlcs - i.e. prob good E-W faulting.
- end of rd ~ 1175m.
Trunk Rd 8 - Showing - Skarn
① garnet - green calc-silicate - magnetite skarn. ~4m exposed; shear faulted against vlc. - coarse to f.g. garnet (up to 0.5cm) + f.g. green (med.) calc silicate w. patches to wisps of f.g. black earthy magnetite (generally in garnet rich portions.)
② alt'd basalt? - 3-5mm spherical to irreg light green amygs? (totally alt'd) in a slightly lighter green fine gndmass of ghostly euh fldsp xstls; cut by few qtz vnlts + occ epid vnlt.



③ med to dark green version of ② ie, much less alt'd - occ see same textures, often just f.g.; massive o/c, less fract'd.

④ wedge of garnet-calc-silicate skarn faulted in here

⑤ bleached + alt'd pale grey-green basalt as before - gets a bit greener to grid N but color (alt'n) is variable; shear in basalt marked on sketch is ~2-4 cm + rock is generall sheared + rotten - crumbly.

- gets dark green to grid north

⑥ diorite dyke - f.g. intergrowth of fldsp + 1.2 mm mafics (occ subhed.); fldsp often apple green; well jointed + not as sheared as basalt though a smooth shear plane forms front of o/c (roadside) + cuts everything.

- Still having trouble with this unit but believe it to be dte.

Trench Rd. 8 Start @ LIN (611) July 10/87

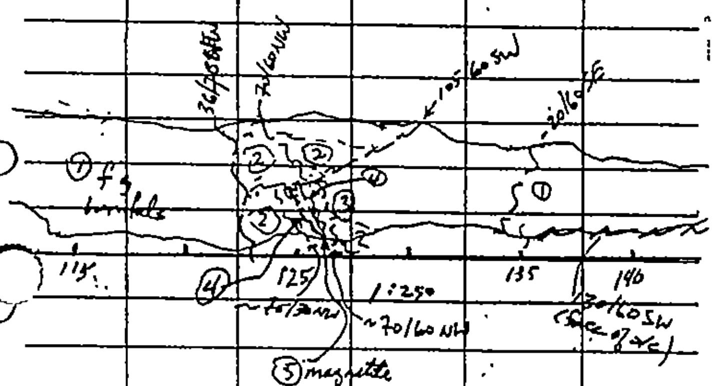
10-1: 21-30 : dte - med grained w greenish euh. fldsp; zones of chloritic alt'd rock - f.g.

30-47 - alt'd med. green chloritic, f.g.; locally hornfels - green-grey; local ctz-epid-py alt'n; volc.? - pervasively alt'd, textures gone or just 7

34/75

10-2 72-78m - hornfelsed fldsp π - as seen elsewhere apple green sub-euhed. fldsp phenos 2-4 mm dark sugary f.g. gndmass.
78-85 : shear contact @ 36/78 NW;
v. sheared crumbly alt'd volc(?), end of o/c = hornfels green mottled f.g. sugary rock - no original texture.
100 m c L2N/0+42W

10-3 100-123 : f.g. dk grey-black to dark green sub-
① hornfels textured rx - prob. a dyke phase - one spot see 1mm hbl laths in fldsp. matrix. gndmass; conchoidal fract, glassy ring when hit; fault contact w. alt'd basalt (see ⑤-②) @ 12/64 NW.



② pale grey to mk green alt'd basalt(?), f.g. locally w. epid, m. qtz vnlts.
③ dk green f.g. 'hornfelsed' volc?

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④ pale green f.g. hornfels w. patches + spots of epidote; m. cly
⑤ massive f.g. black magnetite w. ~10% euhed. 2-4mm amber (green-yellow) garnet xstls. 2+, 10 cm thick x ~1m.
FL-7
- m. malachite along shears.
- the mag. appears to be fault bound + pinches out at bottom + faulted off at top
- Shears - fault zone 2-10 cm thick
-135-165 - Still the dk f.g. hornfels but ~155 see fldsp π again w. apple green fldsp. phenos; m. py + mgt vnlts.

10-4 -178 - 238 - same massive f.g. dk grey-black rock - locally fldsp π; characteristically magnetic
@ 238 : fault shear 40/75 SE = end of o/c
254-305 - same intrusive grey bl unit
315-433 - mammoth exposure of this unit.
(~320 : L3)(@ ~ : skarn bldr : 1m x 1m mass. magnetite)
the grey-black rx ... shows mod green alt'd patches & epid spots; cut by few qtz vnlts; occ (rr) cpy.
433-45 - creek - major

10-5 450-555 : same unit; strong jt or shear? plane @ 141/90 - top side of o/c alt'd + sheared, pale-light green, wk gossan; ~480-500 see

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coarser dioritic phase - ~2-3mm fldsp intergrown w. fine mafics; ~5-10% epid spots 1-2mm.
550 = L5N/1+75W
597-605 - same dioritic unit
605 = L6N/1+20W
622 = junction-spur 2 (Om-9-1)
10-6 682-715 - f.g. med. green andesite w. 1-3mm irreg black mafics of ??.
715-730 : FP (w. hornbl laths?) locally in f.g. grey black unit (qtz amyg locally ??)
730-740 - altd FP, 1mm green alt'd mafics in white g-mass to 4mm sub-euhedl. fldsp phenos.
10-7 781-798 : bleached-out grey-pale green FP - 2-4mm fldsp phenos + 1mm pervasive green mafics in white-grey fldspathic groundmass.
808-16 - greener alt'd variety as @ 730-40
825m = L8N/0+50W.
10-8 834-9?? : shattered sub-hornfels version, f.g. greenish, of the FP w 1mm mafics; forms a v. rubbly o/c - subcrop; +850 it is back to dk grey black, sub dioritic looking; ~918 - rubbly o/c - subcrop again + then ~931 into o/c in small excavation (7-1) - above the shear (20/30SE) is white-weathering alt'd rx same as before ~781 + 834;

10-8 cont'd.
below the shear is a mixed green totally alt'd, sheared, crumbly rock (?); zeolite on fract in the intrusive(?) ... prolific; volcanic is likely gossanous to dk brown-weathering; by 950-60 back to dk FP again.
10-9 987-1020 = same massive dk unit f.g.
1029-1100 - " " " "
* 1052 - small 4-6cm pieces of float of
* skarn - garnet-calc silicate, cpy (flashy)
* 1095 - float blds of skarn + massive cpy - angular; the float is coming out of overburden near the top of the cut bank, above outcrop it is fairly restricted but I found a piece ~2m to SW; traversed up to L8N/3+50?W + tied back: ~125m to rd; ~128m to top of bank. (What happened to L9N? - bad bush, rain + cliffs make tough compassing!)
o/c + float to L8N all vsk or dte (?)
- dk reddish soil locally ~2-6cm on top of normal brownish-beige soil - prob. indicates float source in o/b.
10-10 ~1100 - : much more andesitic looking w. black irreg mafics - amygs?

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~1173 Hoke like diorite ~porph, tiny laths of amphibole(?) in an intergrowth of fldsp (loc wk ~+)

1245 = 29N/4+25W

~1250-70 = pale green f.g. dyke cuts through - 1-3mm hbl laths, no fldsp π; pale grey-white weathering.

- also change into an aphanitic basalt breccia → 1365

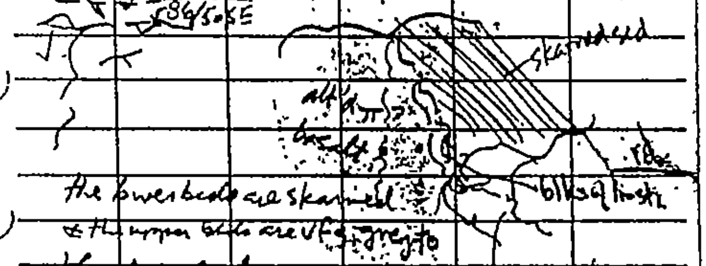
10-11-1355 - bedded units @ 78/58 NW; thin bedded black to skarned yellow green f.g. (to laminated); appears to be in fault contact w underlying rx @ ~75/60-70 NW hard to determine the relationships.

- blocks of breccia occur along the fault as do slabs to seams of HBX-cpy + malachite.

- the skarned seds show ~2m thickness in exposure

~86/50 SE

85/60 SE dyke ~1/2 m wide



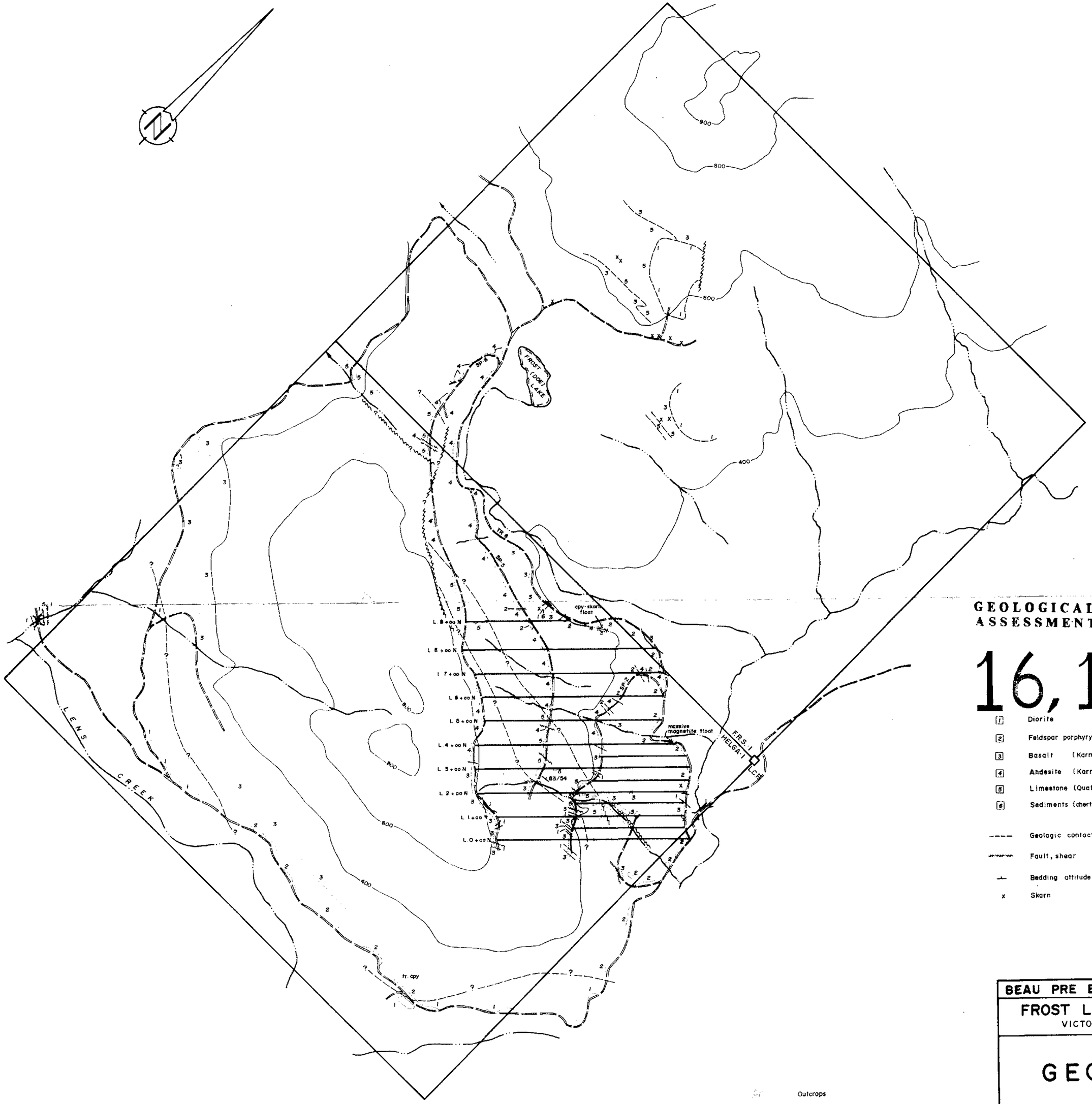
the lower beds are skarned & the upper beds are vfg grey to black & cherty - 0.2-0.4 cm beds

~1365 appears to fault back to andesitic volc.

- this could be source of float down the rd.

1365 - 1525 = andesitic - basaltic volcs.

1535 - 1620 = alt'd volcs to basaltic



GEOLOGICAL BRANCH ASSESSMENT REPORT

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1 Diorite

2 Feldspar porphyry to microdiorite to hornfels

3 Basalt (Karmutsen Volcanics)

4 Andesite (Karmutsen Volcanics)

5 Limestone (Quatsino)

6 Sediments (chert, siltstone) (Parsons Bay)

---- Geologic contact

Fault, shear

Bedding attitude

x Skarn

Outcrops

600 Topographic contour (metres)

Creek

Road (TR-8 trunck road; SP-5 spur road)

0 100 200 300 500 1000 Metres

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FROST LAKE PROJECT
VICTORIA M.D.; B.C.

GEOLOGY

SCALE: 1 : 10,000

N.T.S. 92-C/9E

DATE: July 1987

PROJECT: 09

BY: *Mincord Exploration Consultants Ltd.*

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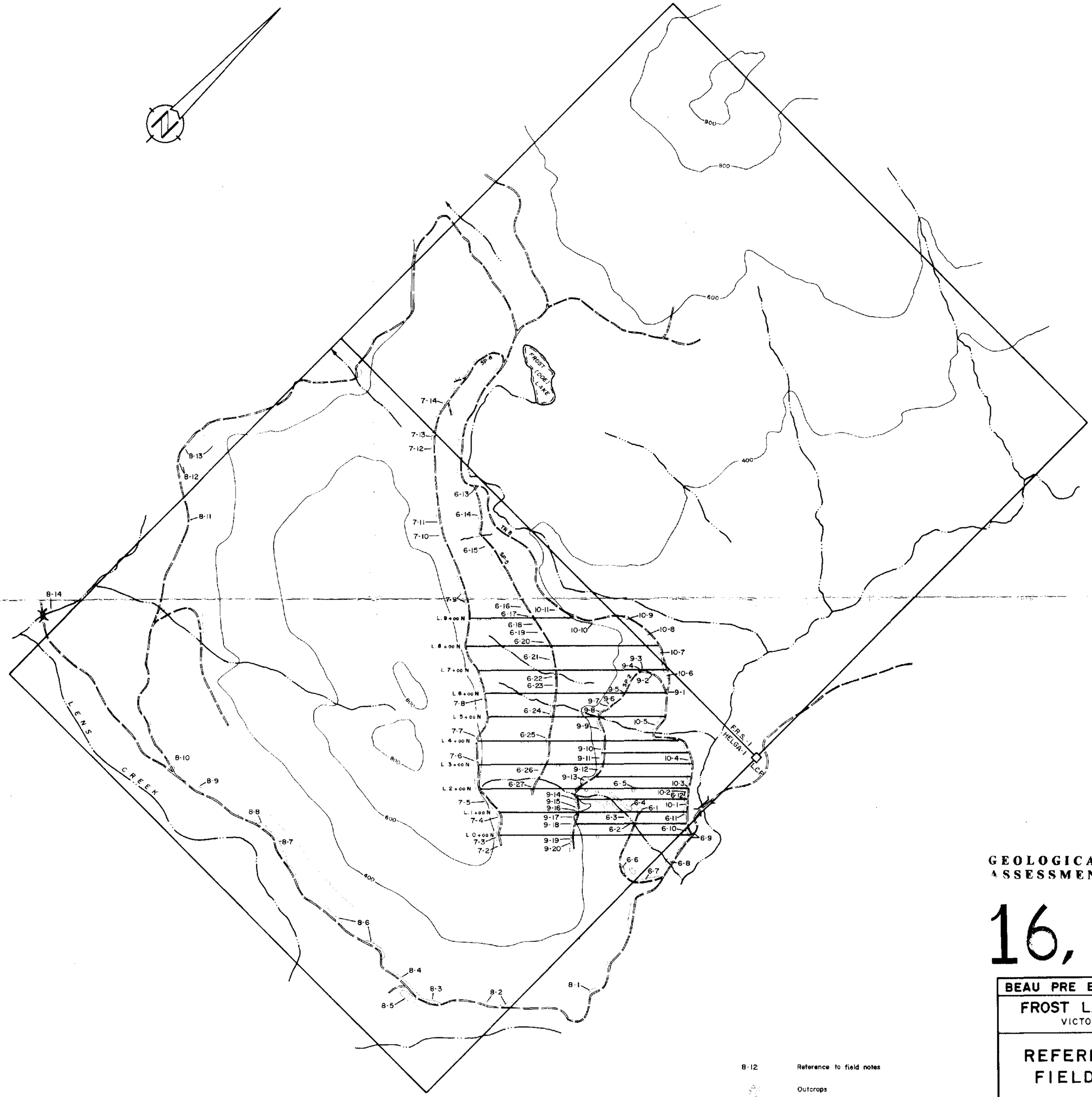
MAP No. 1



8-12 Reference to field notes

Outcrops

600 Topographic contour (metres)

Creek

Road (TR-8 trunck road, SP-5 spur road)

0 100 200 300 500 1000 Metres

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MAP No. 2

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L. 9+00N
L. 8+00N
L. 7+00N
L. 6+00N
L. 5+00N
L. 4+00N
L. 3+50 N
L. 3+00N
L. 2+50 N
L. 2+00N
L. 1+50 N
L. 1+00N
L. 0+50 N
L. 0+00 N

9+00 W
8+00 W
7+00 W
6+00 W
5+00 W
4+00 W
3+00 W
2+00 W
1+00 W
0+00W

skarn
cpy float
gossanous talus (altered volcanics)
FL-3 3230
FL-1 432
FL-2 535
FL-4 81
FL-5 74
FL-6 429
FL-7 59,542
SP-5
SP-6
SP-2
TR-8
FRS-1
HELGA-1
L.C.P.

Cu - ppm
W - ppm
(W values > 1 ppm plotted)
Cu contour ≥ 80 ppm
" 120 "
Rock sample location
FL-2 — Sample id.
535 — Cu value - ppm
+ Station, sample site
NS No sample
Creek
Road
Approximate trace of limestone unit
0 50 100 150 200 250 Metres

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GEOCHEMISTRY

SCALE: 1 : 2500
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PROJECT: 09
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MAP Nº 3

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