

**GEOLOGICAL, GEOCHEMICAL
AND MAGNETIC SURVEY REPORT**

**WARD GROUP
GREENWOOD MINING DIVISION
BRITISH COLUMBIA**

BY

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R.E. GALE AND ASSOCIATES INC.

N.T.S. 82/E 7W

49° 28' N 118° 53' W

Work Paid For By Emjay Enterprises Ltd.

October 1999

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

26,043

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SUMMARY

During June through September 1999 geological mapping and sampling, soil geochemical sampling and a magnetometer survey were carried out for Emjay Enterprises Ltd. on parts of the Ward Group claims near Triple Lakes area north of Rock Creek B.C.

The main purpose of the work was to evaluate several gold-arsenic soil geochemical anomalies which were outlined by Phelps Dodge Corporation during work they did in the area in 1994-95. Their work was done along lines 300 metres apart, taking samples at 50 metre intervals. The evaluation this year of some of the best gold anomalies was done by taking soil samples at 25 metre intervals along lines 50 metres apart in conjunction with mapping and rock sampling in order to try to define targets for backhoe trenching and diamond drilling next year. A magnetometer survey was also completed in one area where it was noted that the gold values are associated with both arsenopyrite and strongly magnetic pyrrhotite.

Eight areas were sampled in detail, the most important being the Barnato vein area, now covered by the Bar 1 and 2 claims. Approximately 12 kms of line were flagged, soil sampled and mapped and about 8 kms. were covered by the magnetic survey on the Silver Dollar area which is outside the area sampled by Phelps Dodge.

Old showings were relocated including the Silver Dollar, Highland Mary, Kingstone and Mogul and these showings were tied into the Phelps Dodge grid. In addition 4 new gold showings with gold values in the 0.03 to 0.10 opt. Au. range were found during this work.

Recommendations are made to do backhoe trenching and diamond drilling on 3 primary targets, the South vein zone on the Bar claims, the Highland Mary showing and the 82N Au-As anomaly area on the Ward 4 claim. The cost of this work is estimated to be approximately \$ 120,000.

As funds allow, further mapping and sampling is recommended on secondary targets including the 103N Au - Zn anomaly area, the Silver Dollar area and other PD anomalies on the eastern part of the claims which have not been sampled in detail and which still warrant evaluation.

The Ward Group covers a very favorable area for exploration for both higher grade vein-type and low grade disseminated gold deposits and further exploration in the area is strongly recommended.

(1.0) LOCATION - TOPOGRAPHY

The Ward Group of 105 claims is located about 20 kms. east of Bearverdell and 50 kms. north of Rock Creek. and is readily accessible by good paved and gravel roads. During the 1999 program the area was reached by paved highway north up the Kettle River valley from Rock Creek, then the gravel Forestry road up 4th of July Creek.

The claims are in the Greenwood Mining Division, NTS 82E/7W. They occupy the plateau area at elevations of 4000 to 4700 feet which lies between the Kettle River valley on the east and Crouse Creek on the west. The most prominent geographic features in the area are northerly trending ridges known as Kloof ridge and Horseshoe ridge with the Triple Lakes occupying the lowland between these two features.

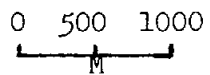
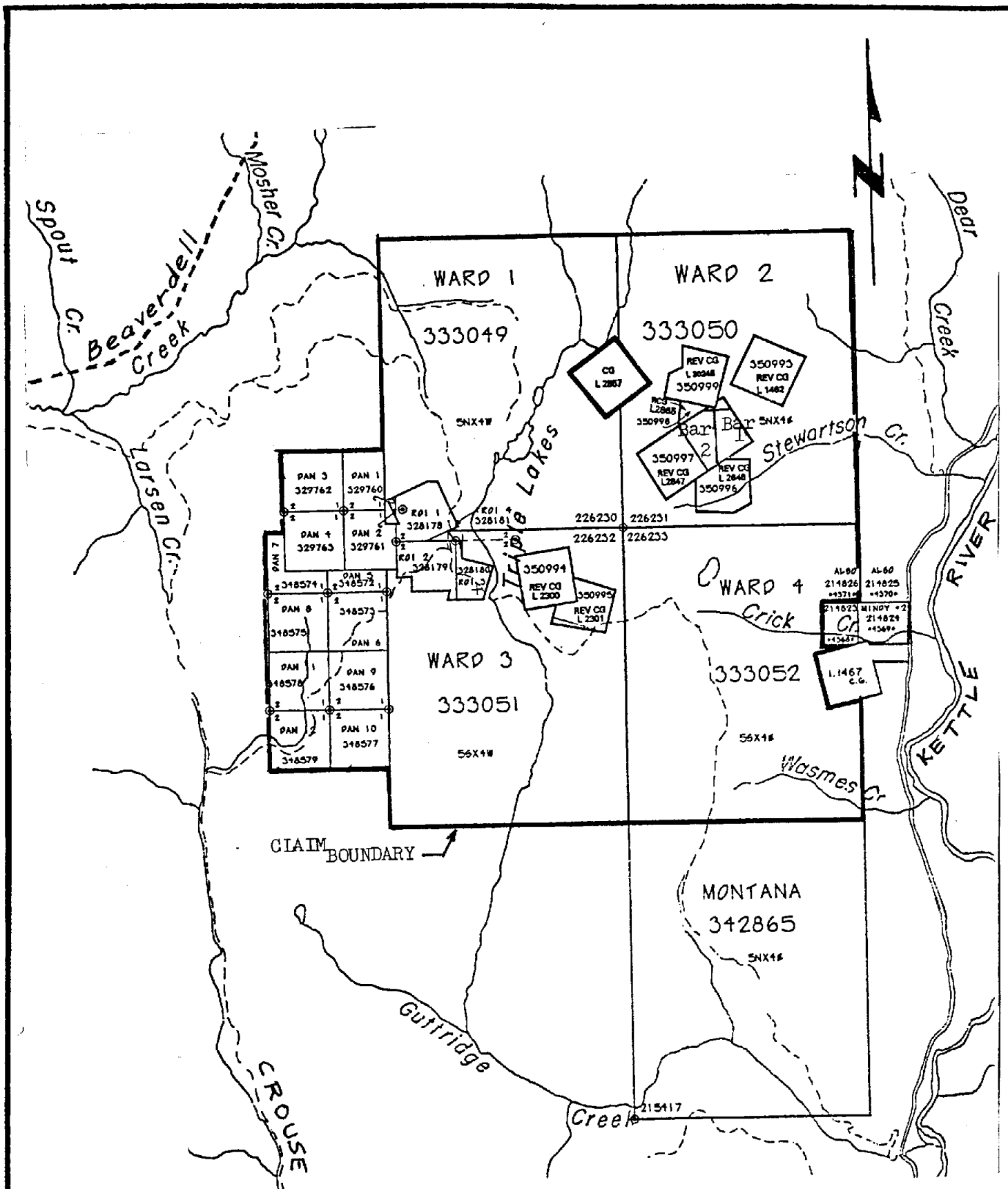
Fir, pine and cedar are the prominent trees in the area. Much of the timber has been logged and several large clearcuts are present on the claims. Between the clearcuts much of the timber is second growth and larger trees which have fallen because of windy conditions at the edge of clearcuts form a tangle of fallen trees making traverses in these areas very difficult.

(2.0) CLAIMS

The owner of record of the ROI 1-4, Dan 1-12, Bar 1-2 and 7 reverted Crown Grants is R.E. Gale. The owner of record of the Ward 1-4 claims is Phelps Dodge Corporation of Canada Ltd. The location of the claims is shown in Figure 1.

Claim Name	Units	Tenure No.	Anniversary Date *
ROI 1-4	4	328178-81	JULY 18, 2001
DAN 1-4	4	329760-63	AUG. 9, 2001
DAN 5-12	8	348572-79	JULY 19, 2001
BAR 1-2	2	356866-67	JUNE 26, 2003
RCG s	3	350994-96	SEPT 30, 2001
RCGs	2	350998-99	SEPT 30, 2001
RCGs	2	350993&97	SEPT 30, 2003
WARD 1-4	80	330349-52	DEC 8, 2002

* After credit for the present work.



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EMJAY ENTERPRISES LTD.			
N.T.S. 82E/7W		LOCATION CLAIMS MAP WARD GROUP	
Scale 1 : 50,000	Date 10 Oct 99	Approved	File No. Figure 1

(3.0) HISTORY-

The central part of the Ward Group covers the Horseshoe Mountain area which is the site of the Barnato, Mogul and other old claims which were staked for gold in 1896-1898. Small gold shipments have been made to smelters over the years from the area, principally in 1938 with shipments of 5 tons from the OK-Ivanhoe and 84.9 tons grading 1.58 opt Au from the Barnato claim.

Following a 12 hole drilling program by Cominco on the Barnato showings in 1938 the next recorded drilling did not occur until 1962-66 when Amcana Gold Mines Ltd. drilled some short holes on the Barnato for which no results are available.

In 1977 Camnor Resources completed a 5 hole program totalling 302.9 metres on Barnato but no results were published.

In 1979 Carmac Resources became the Operator on the Barnato group of claims and in 1986 Golden Seal Resources optioned the claims from Carmac and drilled 202.4 metres of percussion drilling in 4 short holes (Assessment Report 14,952).

In 1989, 1990 and 1992 Carmac Resources carried out geological and geochemical surveys (Assessment Reports 19524, 20122,22396) but reported no drilling during this time.

In 1970 Dekalb Mining did a geochemical survey over part of what is now the Ward 4 claim and found a Cu-Mo soil anomaly (Assessment Report 2951) which was apparently drilled in 2 holes which intersected low gold values, according to a report by Lucky 7 Exploration who worked in the same area in 1989(Assessment Report 19157). The latter report describes a significant gold-arsenic soils anomaly in one sample assaying over 1000 ppb Au. The same general area on Ward 4 was mapped for Petroquin Resources in 1983 (Assessment Report 11375) but no sampling of rocks or soils was done for the latter report.

In 1994-95 Phelps Dodge Corporation carried out a program of mapping, sampling, soil geochemistry an induced polarization survey and drilled 3 holes totalling 468.1 metres (Assessment Report 23835)

In 1997, the author was in charge of a geological mapping and sampling program under Emjay Enterprises Ltd. An I.P. survey was carried out by Peter Walcott and Associates for Emjay.

The 1999 program was completed in 3 phases during June 16-26, July 16-25 and September 1-28. Results are presented in this report.

(4.0) REGIONAL GEOLOGY

(4.1) ROCK TYPES

Figure 2 shows the Regional Geology of the area as taken from GSC maps 15-1961 and 6-1957.

UNIT 1

These are the oldest rocks in the area which are part of the Anarchist Group of probable Carboniferous-Permian age. They are graywacke, greenstone, quartzite and limestone which are often strongly folded, faulted and metamorphosed to hornfels.

UNIT 2

The Anarchist rocks are intruded by stocks of the Nelson Batholith of Cretaceous age, principally granodiorite and quartz diorite.

UNIT 3

Valhalla granitic intrusions also probably of Cretaceous age are younger than the Nelson Batholith intrusions.

UNIT 4

Tertiary rocks of Unit 4 consist of sedimentary and volcanic rocks

UNIT 5

The Coryell intrusions are mainly of syenitic composition, including stocks and dikes. In the Ward claims area, the youngest rocks are porphyry dikes of Tertiary age.

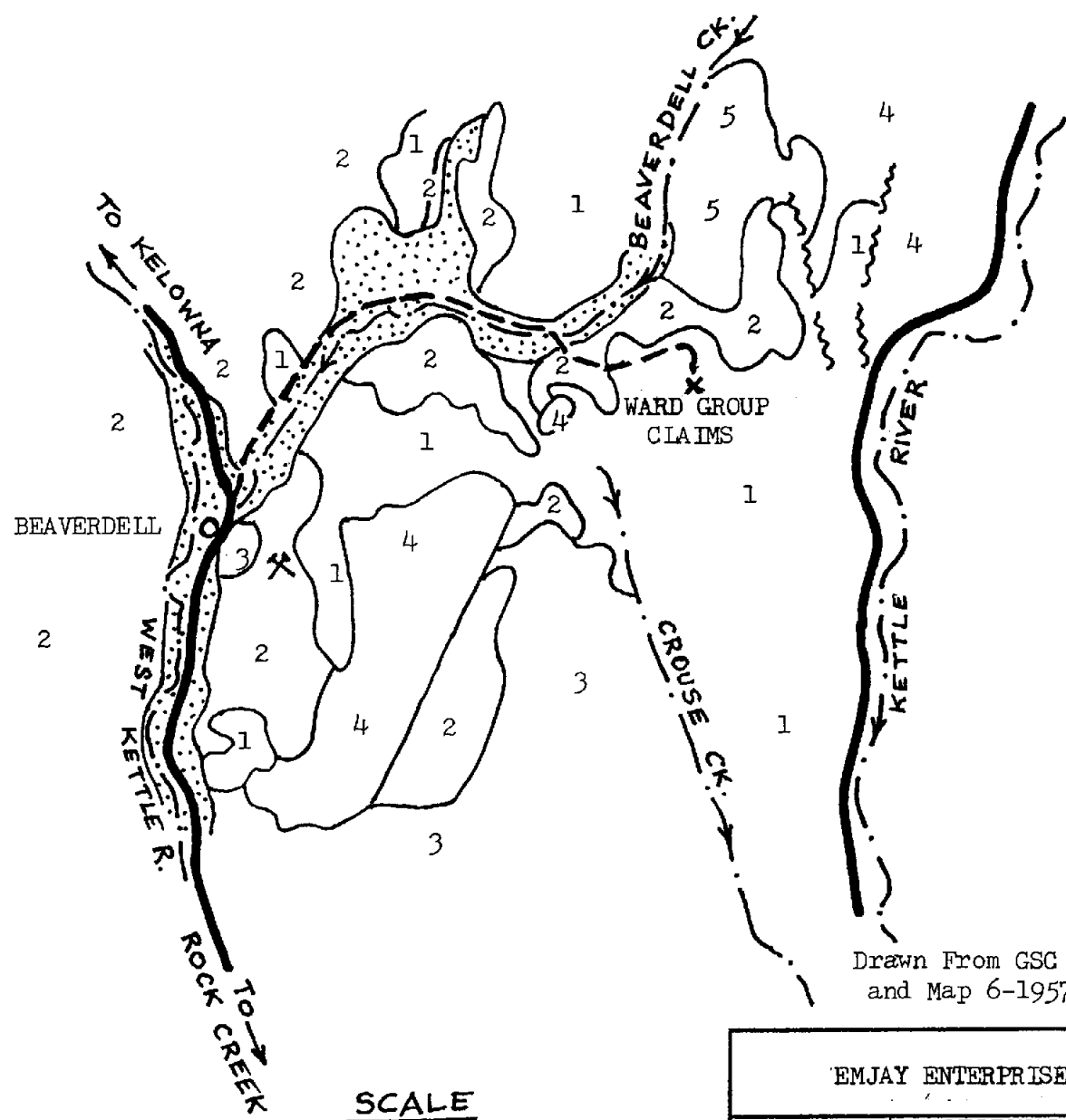
(4.2) INTERPRETATION

The eastern side of the claims area in and along the Kettle River valley is bounded by northerly-trending steep normal faults forming horst and graben structures which have brought the Eocene age sedimentary and volcanic rocks on the east side of the area into contact with the older rocks on the west.

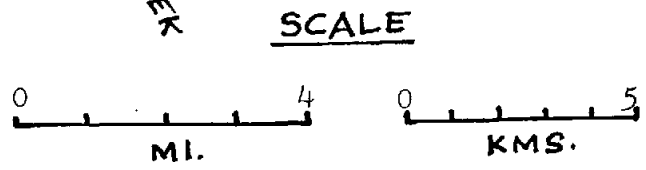
The Ward group claims show similar geology to that of the Beaverdell area, the site of Beaverdell silver mines. In both the Beaverdell and the claims area mineralization is associated with quartz and quartz-calcite sulphide veins emplaced near contacts between Cretaceous diorite and quartz diorite bodies with the Anarchist rocks.

LEGEND

- RECENT Alluvium
- 5 PALEOCENE-EOCENE Coryell Intrusions - Syenite
- 4 PALEOCENE-EOCENE Congl. Ss. Shale Tuff
- 3 CRETACEOUS ? Valhalla Intrusions - Granite
- 2 CRETACEOUS ? Nelson Intrusions - Granodiorite, Quartz Diorite
- 1 PERMIAN ? Anarchist Gp. - Greenstone, Greywacke, Qtzt. Lms.
- X HIGHLAND BELL MINE
- FAULT



Drawn From GSC Map 15-1961 and Map 6-1957



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N.T.S. 82E /7W		REGIONAL GEOLOGY AND CLAIM LOCATIONS WARD GROUP	
Scale	Date	Approved	File No.
	Oct99		Figure 2

In contrast to the veins at Beaverdell, the Ward area veins are gold-bearing.

(5.0) GEOLOGY - WARD GROUP

(5.1) INTRODUCTION

Figure 3 shows the Preliminary Geology of the main part of the Ward Group. Detailed geology, rock and soil geochemical results on the different areas of interest mapped and sampled during the present program are shown in Figures 4-11.

(5.2) GENERAL GEOLOGY

The claims are located west of and bounded on the east by an Eocene-age graben structure. The northeastern edge of the property is within the graben and is underlain by Eocene Marron Formation rocks.

The oldest rocks are Permian - Carboniferous chert, quartzite and greenstone which are intruded by diorite, quartz diorite and granodiorite of Cretaceous age. The youngest rocks in the area of interest are Tertiary-age porphyry dikes up to 5 metres wide.

(5.3) ROCK TYPES

(5.3-1) ANARCHIST GROUP (CPSV)

These rocks consist of white thin bedded to black and green massive chert and quartzite with lesser dark green massive flows and tuffs and minor limestone. The rocks vary from fresh looking to strongly deformed and recrystallized. Flat lying beds in thin bedded chert were mapped in 2 outcrops in the northern part of the claims while to the south of the Crick Creek Fault, the beds are steep - dipping striking ENE.

(5.3-2) HORNBLENDE DIORITE AND QUARTZ DIORITE (KDi)

Hornblende Diorite and Quartz Diorite intrusions of probable Cretaceous age intrude the Anarchist rocks or are in fault contact with them everywhere on the property. The intrusions are in elongate stocks or dikes trending NE in masses from a few metres to hundreds of metres wide. These rocks are usually the host rocks for gold mineralization, often in proximity to Tertiary porphyry dikes.

(5.3-3) BIOTITE GRANITE AND GRANODIORITE (KG)

These rocks form a large stock of batholithic proportions at the northern end of the property. The southern contact of the batholith appears to be in fault contact along east-west and north-south faults with the Anarchist rocks. One or two dike-like projections of granodiorite trend south into the sedimentary rocks near the west side of the property. The relationship to the dioritic intrusions (KDi) is not clear but the rocks of the batholithic intrusion show different mineralization from that in the dioritic rocks and may have been emplaced prior to the dioritic rocks.

(5.3-4) TERTIARY ANDESITE PORPHYRY DIKES

Dikes and sills of dark grey porphyritic andesite appear to be the youngest rocks in the area forming north to northeasterly trending intrusions one to several metres wide. In many cases these intrusions are located in the vicinity of gold mineralization and may have been intruded during or just after the time that the mineral deposits formed.

(5.4) STRUCTURAL GEOLOGY

Figure 3 shows several inferred northerly-trending faults which appear to be the youngest faults in the area. They may be of Tertiary age and associated with the time of mineralization. Examples of veins associated with north trending faults are seen at the Silver Dollar, Barnato, OK and Ivanhoe. NE trending vein structures are also common whereas NW faults appear to offset mineralization and are probably late or post mineral faults.

Major fault zones along east-west trends cutting earlier north-south features are inferred to occur along Crick Creek and Stewartson Creek.

(5.5) ALTERATION AND MINERALIZATION

The contacts between the cherty and greenstone rocks of the Anarchist Group with the dioritic intrusive rocks are usually fractured, sheared and pyritized. Arsenopyrite in veins or as disseminations may occur at such contacts in either the Anarchist or intrusive rocks, but appears to be more important in the latter type of rock. Such mineralization may fringe higher grade mineralization in massive arsenopyrite veins or may appear only as broad low grade zones of mineralization several metres wide as in the bottom of PD drill hole 95-1.

Silicification is the most important type of alteration forming broad zones of quartz replacement or quartz veins. Some quartz veins also carry calcite. Pyrite

is often present in rocks which are relatively barren of gold values and the best indication of the presence of gold is arsenopyrite. Some pyrite, principally a fine grained feathery type, carries gold and some pyrrhotite may carry gold values but much of the massive type pyrrhotite has only very low gold values.

(6.0) GEOLOGICAL AND GEOCHEMICAL SURVEYS

(6.1) INTRODUCTION

Three hundred and sixty five soil samples were collected during work in 1999, all samples being collected from the B horizon and assayed by Chemex Labs using the standard 32 element ICP analysis with Au analyzed by fire assay bead with AA finish. Ninety two rock samples were collected, most of which were also analysed by the same method as the soils, except for several vein samples which were also analysed by wet assay methods including fire assay for gold and silver.

Copies of all soil assay results are included in Appendix 1A, copies of all rock assay results in Appendix 1B.

Based on previous soil geochemical sampling with numerous samples in earlier surveys anomalous results for soils are considered to be Au > 40ppb, As > 30 ppm.

Several areas of interest which show significant gold-arsenic assays for both soils and rocks and which have size potential for gold deposits were mapped and sampled in detail and separate descriptions of these areas are identified in the report in parts (6.2) through (6.9).

Other sample areas or points are noted on Figure 3 but are not described in detail with a separate map because potential for deposits is considered low. The latter areas are noted in the following list:

AREA	APPROXIMATE COORDINATES		SAMPLE NO.
New vein	109 N	9+ 70E	Dump sample 119863 Soils - 6 soil samples
Mogul Vein	112 N	101 E	Adit dump sample 119898 Glory hole dump sample 119899
Pyrrhotite mass	125N	101E	Pit Dump sample 119867
Disseminated pyrrhotite	125N	102E	Pit Dump sample 119864
Barnato Fr.	108+80N	108+50E	Massive pyrrhotite(Coord. I.D.)
103N Area	102+ 50N	106E	Pit Dump Sample 119845 Soils - 23 soils 105E-107E
100 N Clearcut	100 N	105+50E	Grab-outcrop sample 119841
	100N	106+50E	Pick -outcrop sample 119842

97N Line	97N	101E	Grab- 3 chert outcrops 13 Soils, 3 rocks 101E-102E
97N Old Road	97N	108 E	Soils -20 soils 108E -109E
94N Line	94N	100 E	Grab-Outcrop sample 119857
97N Line	97N	98E	Grab- Outcrop sample 119893
Kingstone vein	94N	93E	Grab - Dump sample 119894
			Picked Dump sample 119897
			Pit-Dump sample 119896
			Pit Dump sample 119897

Those showings with good potential for further exploration are noted on following pages, Sections (6.2) through (6.9).

(6.2) BARNATO SHOWING

Figure 4 details the geology and sample locations on the Barnato showing, now covered by the Bar 1 and 2 claims. This is the best known and most explored showing in the area, but there is still significant potential to find a new deposit in the area of the showings.

The host rock for the mineralization on the Bar claims is diorite and quartz diorite intrusive rock. Several large northerly to easterly trending Tertiary porphyry dikes cut the dioritic rocks and offsets of these dikes suggest the presence of several east-west trending late faults.

Previous exploration and mining has centred on the northern third of the area around 107N 108+50E. Here a 10 metre deep shaft and large opencut were developed on a northerly-trending shear zone and 2 WNW - trending structures which were mineralized by gold-bearing arsenopyrite veins. Two 0.3 metre wide remnants of the westerly-trending mineralized structures were sampled, 119872 and 119874 and another sample 119873 of mineralization was picked from dump material from a small pit to the north of the other samples. The gold values from these samples were 42.19 g/t, 490 ppb and 4460 ppb respectively.

Another important mineralized structure to the west of the large opencut is the ENE-bearing fracture zone starting at the road and running about 70-80 metres easterly to the area of the opencut. Three narrow lenticular looking veins occur at the westerly end of this fracture zone and these veins were sampled across widths of about 0.15 to 0.3 metres. Samples 119876 and 119877 are approximately 0.15 metres wide, the vein at sample site 119878 forms suboutcrop material possibly 0.3 metres wide. Gold assay results are 95 ppb, 30.24 g/t and 47.50 g/t respectively.

Previous drilling by Cominco in 1938 and by Golden Seal in 1989 was concentrated on the area of these veins. The approximate position of the Cominco

diamond drill holes and the two of the 1989 percussion drill holes, PDH 86-1 and 86-4 which lie in the area of Figure 4 are shown on the map. No results of the Cominco drilling are available. The short percussion holes cut narrow low grade veins.

It is quite possible that other holes have been drilled in the area covered by Figure 4 for which the results have not been published. In any case judging by what can be seen in the area of the veins described above, it appears that any future drilling should be in drillholes drilled at angles to the northeast from south of the old open cut in order to cross the main mineralized structures at 90 degrees.

The soil geochemical data for Au and As shows that the best results around the old opencut area occur on line 107N at 108+75E, 468 ppm As, 230 ppb Au and on line 108+50E at 107+40N, 186 ppm As 30 ppb Au and at 107+50N, 304 ppm As 40 ppb Au. These anomalies deserve backhoe trenching in any further exploration program here.

The other area of interest on Figure 4 occurs near what I have called the South vein area at the southern end of the area covered by Figure 4. Here a 1 metre wide sample across this vein, sample 119855, assayed 2.60 g/t Au, 0.44% As. The possible east extension of this vein zone is covered by talus and soil. Soil samples along the bank of the road about 50 metres NE of the 119855-sample site show values of As ranging from 515 to > 10,000 ppm and Au from 550 to 4650 ppb suggesting that this vein zone continues under cover beneath the road. Outcrop samples to the north of the inferred mineralized zone, 119861, 119871 and 119879 showed no more than 285ppb Au so that these outcrops are not the source of the gold in the soils above the road.

In the trench below and to the east of the road at the point of the anomalous soils float from a quartz arsenopyrite vein is exposed from which a picked sample 119853 shows 2.53 g/t Au and 0.08 %As. Another float sample from the trench of quartz-pyrite vein 119854 assayed 1340 ppb Au 74ppm As. The soils in the bank above the trench below the road are also anomalous for Au and As. These facts again suggest that the south vein zone extends through this trench .

The projected extension of the vein zone through the trench could be correlated with the I.P. chargeability anomaly noted on line 106N at 109+50E. as shown in Figure 4.

It is recommended that the South vein zone be further explored by backhoe trenching and diamond drilling.

(6.3) SILVER DOLLAR SHOWING

The location of the Silver Dollar showing is noted on Figure 3 as approximately 125N 105E. The showing was not covered by the Phelps Dodge grid or regional soil geochemical survey.

Figure 5 is a detailed map of the area and indicates the results of soil and rock geochem sampling done during the 1999 program.

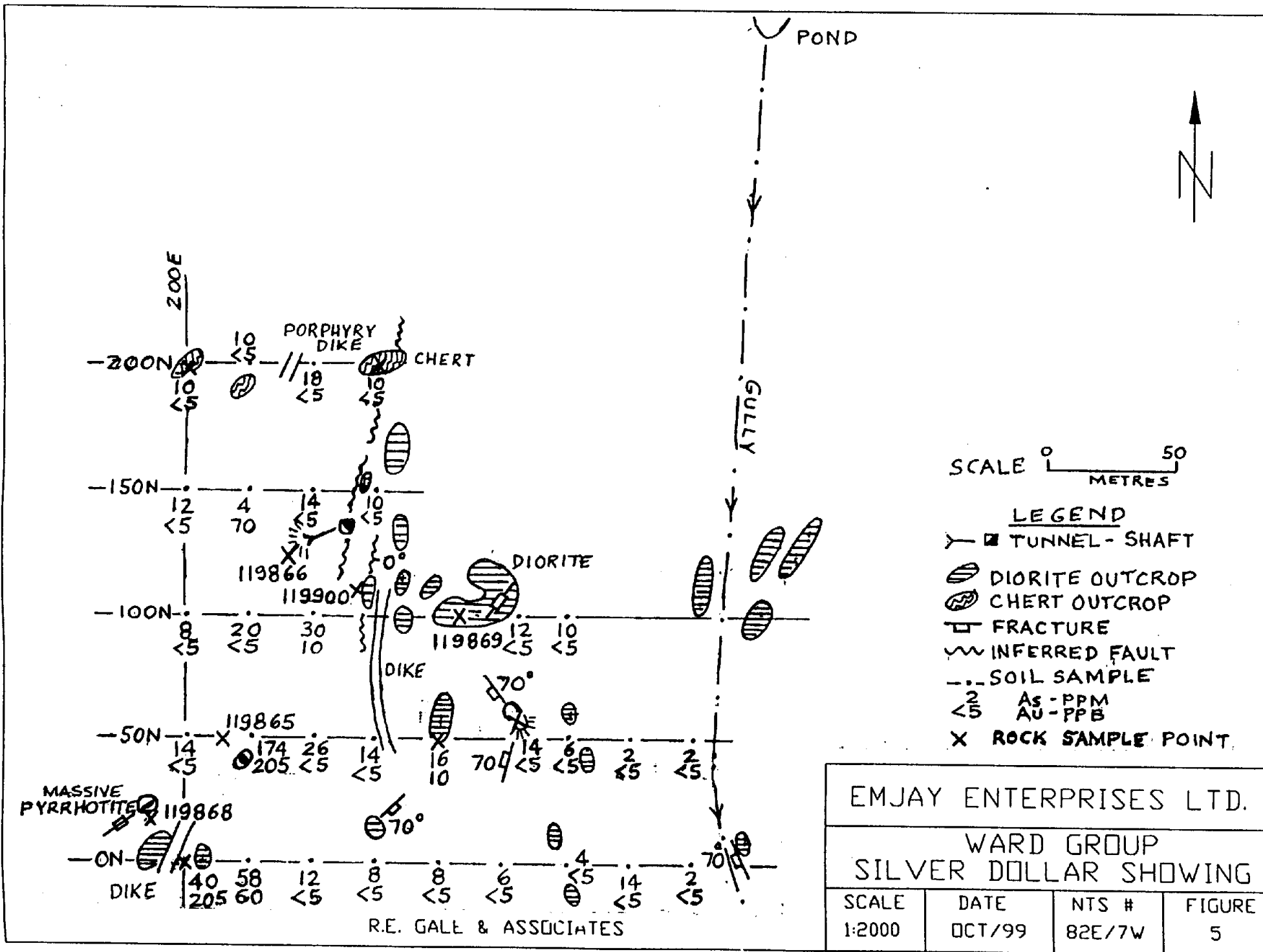
As noted in BCDM Bulletin 1902, page 1138, the old workings on the mineralized zone consist of an adit driven east about 25 feet into the hillside at the eastern end of which is a shaft open to the surface about 30 feet deep including a winze below the adit level. No mineralization is visible in the workings and the shaft below the adit level is flooded. The mineralization on the adit dump, massive pyrrhotite and arsenopyrite apparently was mined from a northerly trending steep dipping shear which is visible in the side of the shaft. The host rocks are weakly altered diorite cut by a fresh looking andesite dike possibly 2 metres wide which strikes northerly on the east side of the workings. A flat fault 0.3 metres wide replaced by quartz alteration occurs to the SE of the tunnel. A sample of the latter rock, 11990 showed 170 ppb Au, 62 ppm As but its relationship to the mineralization from the shaft is not apparent.

Sample 119866, picked massive pyrrhotite and arsenopyrite mineralization from the dump assayed 4.52 g/t Au and 3.37 % As. Two other picked samples of massive pyrrhotite mineralization were collected from the dumps of pits located about 100 metres SW of the tunnel in an area cut by a 2 metre wide NE trending porphyry dike. Samples 119865 and 119868 assayed 365 ppb Au, .10,000 ppm As and 1590 ppb Au, 10,000 ppm As respectively.

Sample 119869 from a prominent hill of pyritized leucodiorite just west of the old workings is barren of gold values. Similarly rock geochem samples and soil samples from the rest of the grid area showed no significant values except for those near the two occurrences of massive pyrrhotite noted above.

Because of the occurrence of gold values with strongly magnetic pyrrhotite here, it was determined that a magnetic survey could be useful in finding new targets for further exploration in the area. A survey was conducted by Peter Walcott and Associates over a grid running 250 metres east and west of the tunnel (Point # 4 on map W-572-1, Walcott report) and 400 metres north+550 metres south.

The magnetic survey report is included as Appendix Two to this report. The primary magnetic target, Area 1, line 0N 200E in the same area as the pyrrhotite veins exposed in pits near this point is recommended for further exploration including backhoe trenching. No direct magnetic response was noted in the tunnel area suggesting that the original old showing may be of limited extent.



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WARD GROUP
SILVER DOLLAR SHOWING

SCALE	DATE	NTS #	FIGURE
1:2000	OCT/99	82E/7W	5

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(6.4) HIGHLAND MARY VEINS

With reference to Figure 3, the approximate coordinates of the Highland Mary vein workings are 111N 111+50E. Figure 6 shows the vein workings and adjacent area in more detail.

The Highland Mary veins occur along a northerly-trending fault contact between diorite and chert west of a large northerly - trending porphyry dike. The veins are exposed by a series of cuts in the chert.

In the northernmost pit, a shear zone about 2 metres wide is exposed with remnants of a 5-6cm wide arsenopyrite vein showing on the west side of the shear. A picked sample of arsenopyrite from the dump, 119881 assayed 9380 ppb Au 9.66% As.

About 38 metres SSW of the north pit, strongly fractured black chert shows thin seams of pyrite and arsenopyrite along fractures trending NE and WNW. A sample across 0.6 metres on the WNW fractures, 119882 assayed 765 ppb Au, >10,000 ppm As.

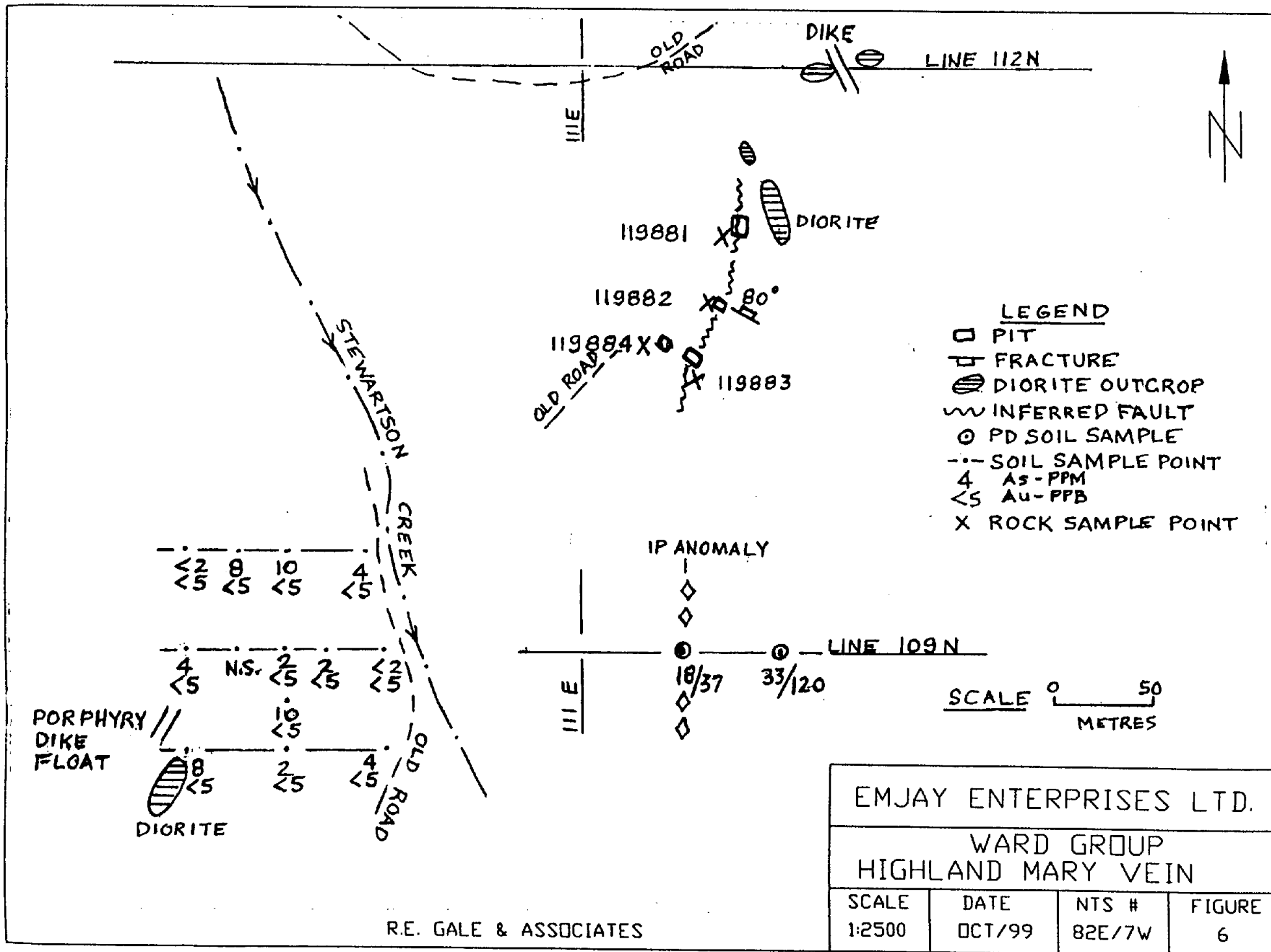
Another 25 metres SW of the middle showing, another cut shows a NE trending siliceous shear zone about 1 metre wide with a 5-10 cm wide pod of arsenopyrite mineralization on the west side of the shear. A picked sample of arsenopyrite mineralization on the dump here, 119883 assayed 23.05 g/t Au, > 10,000 ppm As.

The last pit on the shear zone is located about 6 metres WNW of the southern cut described above. There appears to be a NE trending shear in the base of this last cut with a narrow vein of quartz-pyrite-arsenopyrite present in the shear. A picked dump sample of mineralization about 10 cms. wide was sampled, 119884 which assayed 3390 ppb Au, 7110 ppm As.

It is interpreted that there may be two parallel zones of mineralization here which strike N to NE and dip almost vertical. The zone of veins is about 50 metres long and is offset at intervals along younger east-west fracture zones which are also mineralized.

Visagie (1990) also sampled the Highland Mary veins and recommended further work to Carmac Resources but it is not known if any further work was done by Carmac.

During the present work, an attempt was made to find any potential extension of the veins to the north or south of the showings. At the time the presumed location of the veins was further west and soil sampling was done on 109N 109



OLD ROAD
DIKE
LINE 112N

119881
119882
119884 X
119883
DIORITE
80°

<2
<5
8
<5
10
<5
4
<5

4
<5
NS.
2
<5
2
<5
<2
<5

PORPHYRY
DIKE
FLOAT

8
<5
2
<5
4
<5
DIORITE
OLD ROAD

IP ANOMALY
LINE 109N
18/37
33/120

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WARD GROUP
HIGHLAND MARY VEIN

SCALE	DATE	NTS #	FIGURE
1:2500	OCT/99	82E/7W	6

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-110 E but as the plotted results on Figure 6 show, the soil results here are negative. Now that the location of the showings is accurately known, it appears likely that the soil sampling and I.P. survey by Phelps Dodge may have discovered the southern extension of the veins on line 109 at 111+50E. At the latter point a narrow IP chargeability anomaly was noted and PD soils show anomalous gold values of 37ppb Au at 111+50E and 120 ppb Au at 112E .

It is recommended that backhoe trenching be done on line 109N 111+50E and that diamond drilling is warranted on the Highland Mary veins.

(6.5) 103N - ZINC-GOLD ANOMALY

The Phelps Dodge soil geochemical values on line 103N from 99 to 101E showed a distinct high zinc-in-soil anomaly from 132 to 535 ppm Zn which is associated with arsenic values of 13-28 ppm As but only one interesting Au value of 24 ppb Au.

The results of followup detailed soil and rock sampling in the area are shown in Figure 7. The high Zn in soils values were confirmed but the values for Zn in the rocks, greenstone, diorite and chert are actually lower than in the soils suggesting that concentration of Zn values in occurring in the soils.

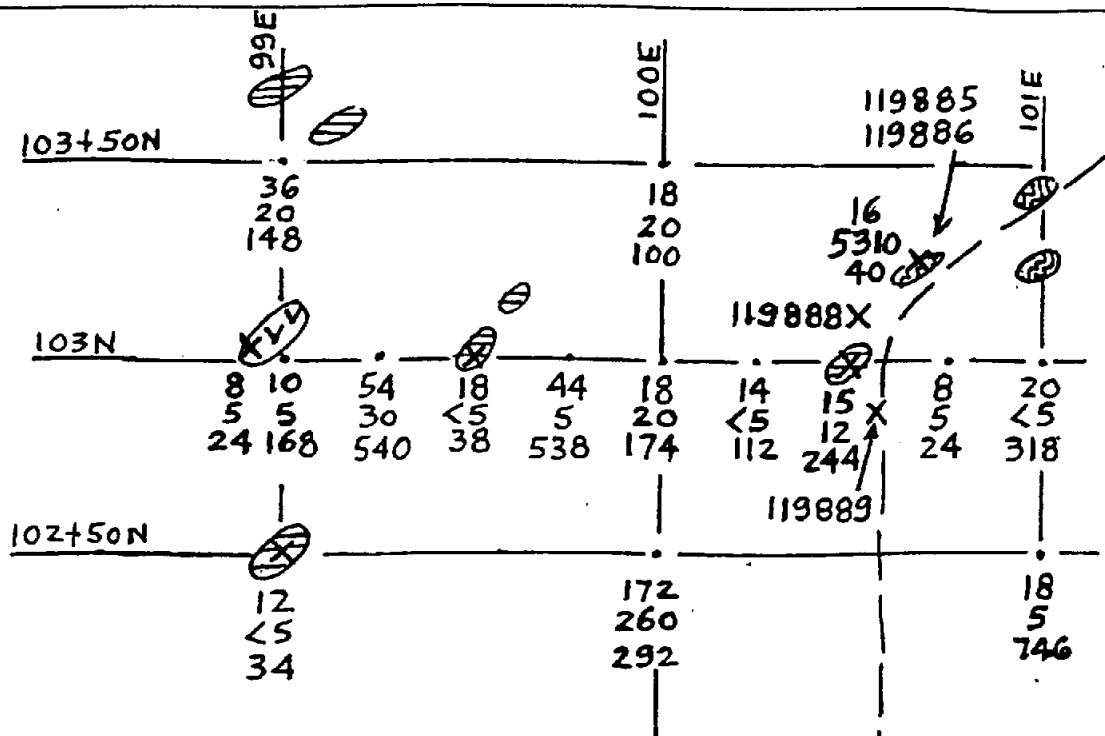
One rock geochem sample of strongly fractured weakly pyritized black chert at 103+20N 100+70E assayed 5310 ppb Au, but only 16 ppm As and 40 ppm Zn.

With the good gold assay it was decided to sample rocks with similar geochemical expression on trend to the SW on line 100N plus take check samples around the original discovery outcrop near 103N line.

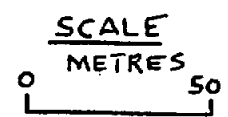
A check sample of chips along a NE fracture zone over a 5 metre interval on the original discovery outcrop, 119885, assayed 1530 ppb Au, > 10,000 ppm As, 48 ppm Zn . A 5 metre sample adjacent to the east 119886 assayed only 30 ppb Au, 60 ppm As. and other samples taken to the west and south of 119885, 119888 and 119889 assayed only 5 and 10 ppb Au and 12 and 28 ppm As.

Similarly samples 119890, 119891 and 119892 on line 100N showed only values of 45, 15 and 10 ppb Au and 62, 44 and 16 ppm As.

It is concluded that further exploration is warranted to find a possible extension of the anomalous gold values north and northeast of line 103N but extensions in other directions are unlikely.

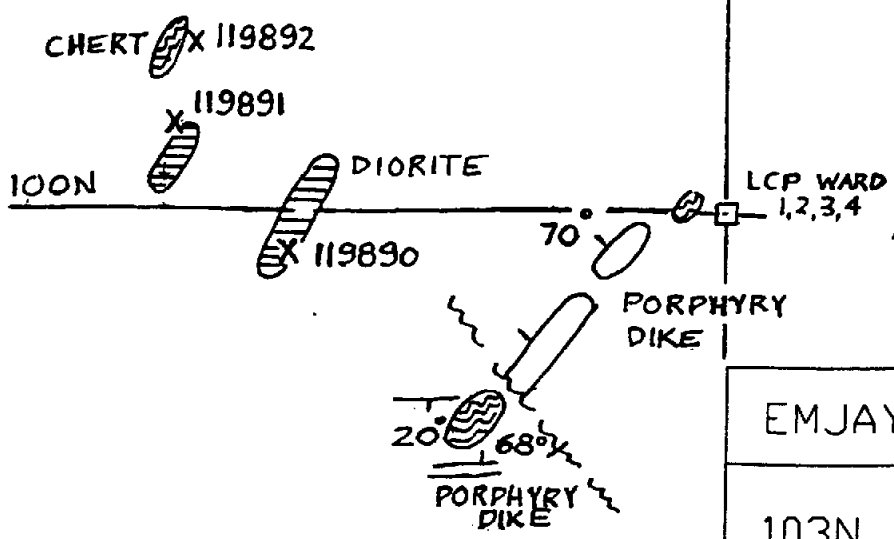


NOT
MAPPED



LEGEND

- GREENSTONE
- DIORITE
- CHERT
- X ROCK SAMPLE
- SOIL SAMPLE
- 8 AS PPM
- 5 AU PPB
- 24 Zn PPM



EMJAY ENTERPRISES LTD.

WARD GROUP
103N ZINC-GOLD ANOMALY

SCALE 1:2000	DATE OCT/99	NTS # 82E/7W	FIGURE 7
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R.E. GALE & ASSOCIATES

(6.6) 91N GOLD ANOMALY

This area is shown in Figure 8. It covers an area extending from 90+50N to 91+50N and 83E to 88E.

On the west side of Figure 8, previous work indicated that there could be a gold-bearing north south fault zone cutting the area along with dikes of altered pyritized granodiorite. Although pyritized granodiorite outcrops here results show that there are no significant gold values and no major mineralized fault structures present on the west side of the area.

On the east side of Figure 8 numerous outcrops of relatively fresh looking, strongly fractured greenstone form bluffs of outcrop along the east edge of a prominent hill. At a point near 91N 87+25E a NE-trending fault zone forms the contact between the greenstone on the west and altered diorite porphyry on the east. Other outcrops immediately to the south and east are barren chert but in the valley to the east at 88+50E - 89E outcrops of pyritized diorite and quartz diorite are noted which do carry some low gold values.

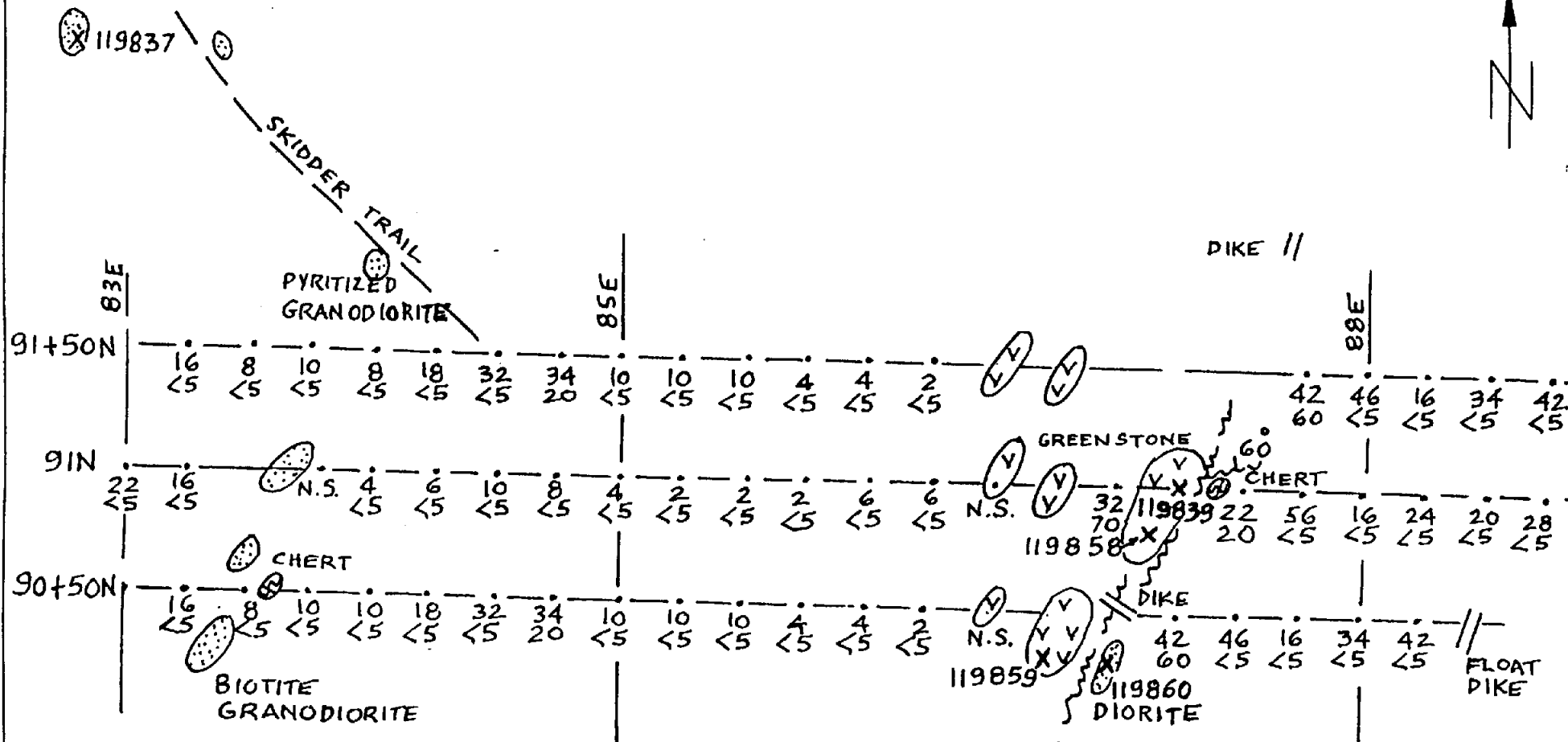
Several samples of the greenstone and diorite porphyry in and around the contact at the top of the hill have been taken. Results are as follows:

ROCK TYPE	LOCATION	SAMPLE NO.	Au - ppb	As - ppm
Greenstone	90+50N 86+50E	119838	460	12
Greenstone	91N 87+ 25E	119858	20	6
Greenstone	90+50N 86+25E	119859	110	14
Oxidized Diorite Porphyry	90+50N 86+60E	119860	990	184

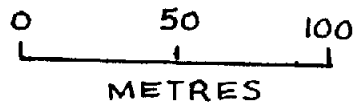
These results show that there is potential for better grade gold mineralization in both types of rock near the contact between the greenstone and diorite. Backhoe trenching along the contact is warranted to see if higher grade gold mineralization can be located here.

(6.7) 97N I.P. ANOMALY

Figure 9 shows the area adjoining Figure 8 to the northwest. It extends from 94N to 97N and from 81E to 84E.



X ROCK SAMPLE
 • SOIL SAMPLE
 10 AS - PPM
 <5 AU - PPB

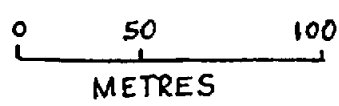
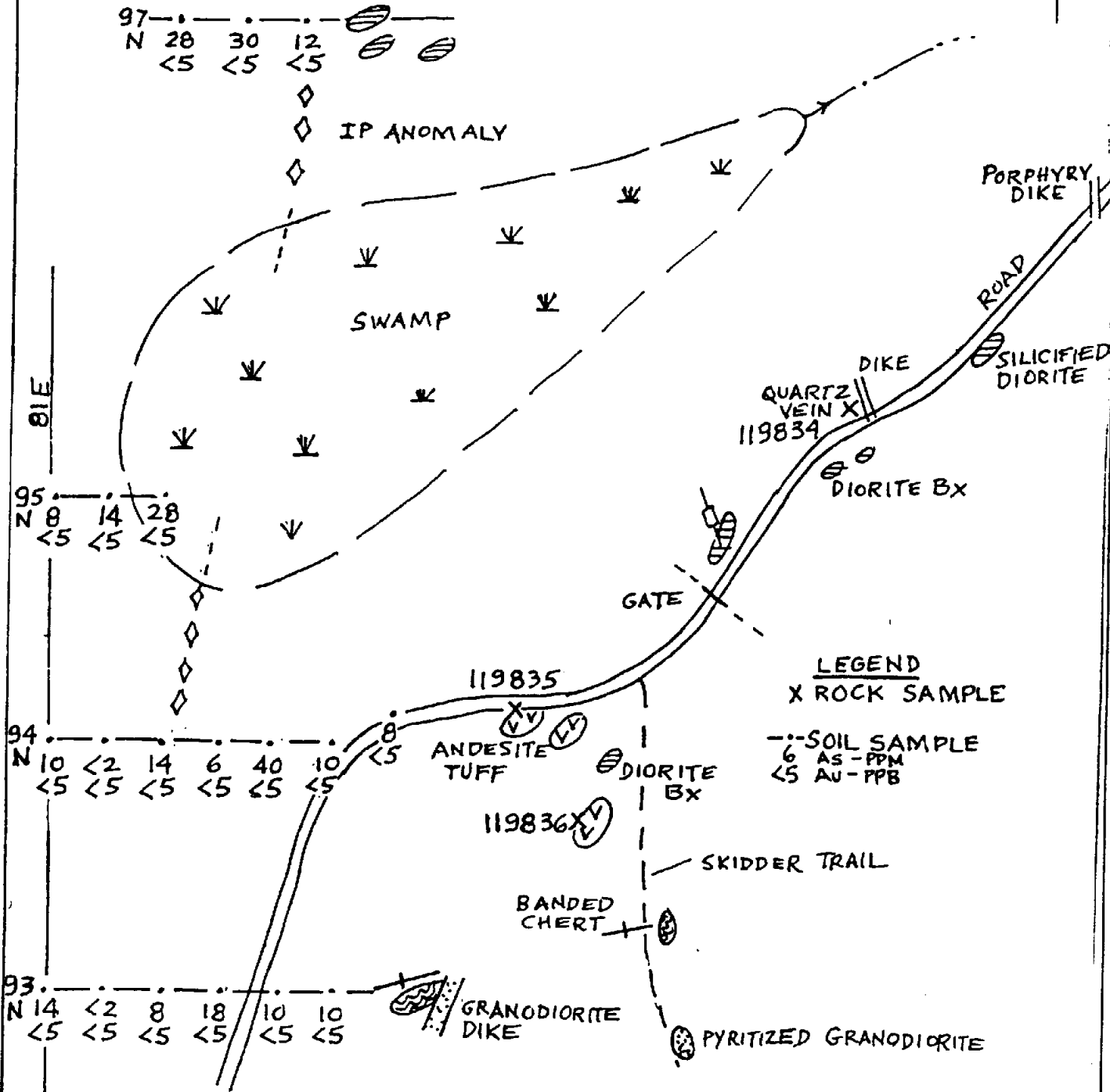


EMJAY ENTERPRISES LTD.			
WARD GROUP 91N GOLD ANOMALY			
SCALE 1:2500	DATE OCT/99	NTS # 82E/7W	FIGURE 8

R.E. GALE & ASSOCIATES

BARREN
MASSIVE
PYRRHOTITE

DIORITE-AMPHIBOLITE



R.E. GALE & ASSOCIATES

EMJAY ENTERPRISES LTD.			
WARD GROUP 97N I.P. ANOMALY			
SCALE 1:2500	DATE OCT/99	NTS # 82E/7W	FIGURE 9

A 1 metre wide mass of pyrrhotite is exposed in a 2 metre deep pit on the ROI 2 claim to the north of Line 97N. Low gold, arsenic and copper values are associated with this deposit. The rocks in the area are hornblende diorite and amphibolite. Phelps Dodge soil sampling on Line 94N at 81E showed 94 ppb Au and at 82E 5 ppb Au, 38 ppm As, 305 ppm Zn and 66 ppm Cu and these results suggested that the pyrrhotite mineralization could extend to the south as a narrow vein.

In addition I.P. chargeability anomalies occur on line 97N 82E, just to the south of the pyrrhotite deposit, and on Line 94N 81+50E, also suggesting that a mineralized zone may occur here.

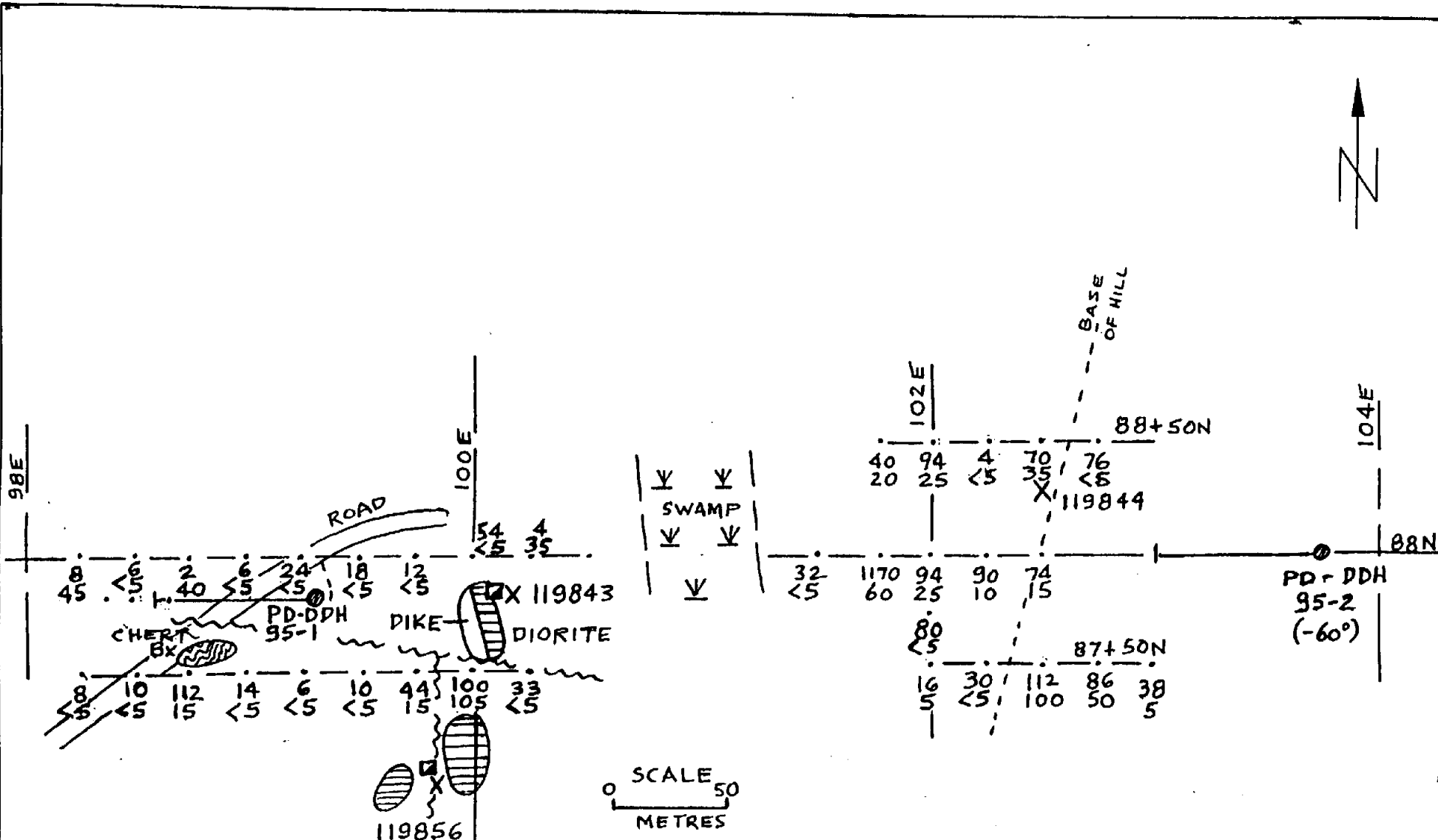
Unfortunately, a swamp in the area of lines 95N and 96N precludes any soil sampling here. Also soils taken on Line 97N and 94N at the potentially favorable sites do not show any anomalous values. In spite of the geochemical results it is still possible that a mineralized structure occurs in association with the I.P. targets so that backhoe trenching and a magnetometer survey are warranted here.

(6.8) 88N DRILL AREA

One of the best secondary target areas for further work is the area around Phelps Dodge drillhole 95-1 and the area to the west towards hole 95-3. This area is shown in Figure 10.

The best potential here is for a large low grade deposit of disseminated-type Au-As mineralization in strongly fractured and sheared diorite intrusive rock. Both DDH 95-1 and 95-2 intersected several metre wide zones of submarginal Au mineralization, but in the case of 95-1 the zone was intersected in the bottom of the hole at a depth of 141 to 152 metres-11 metres averaging 226 ppb Au, so that the zone is open to extension at depth and probably also in the horizontal plane to the north, south and west. Several soil samples taken at the point at which the vertical projection of the bottom of the drillhole should occur failed to pick up any indication of the drillhole mineralization in the soils. This suggests the mineralization intersected in the bottom of the drillhole may be blind and does not reach the top of bedrock here.

Also of interest is a new zone of highly oxidized outcropping mineralization of a similar type to that in PD 95-1 As shown in Figure 10, a strongly leached and oxidized outcrop on which an old pit has been sunk, was found just south of line 88N at 100+ 10E. Sample 119843, a grab sample of the dump, assayed 514 ppm As. 60 ppb Au. Judging by the strongly leached character of the rock, I would anticipate much better values at depth in unoxidized rocks. The possible extension of the mineralized rock is covered to the north and east.



- X ROCK SAMPLE
- SOIL SAMPLE
- 6 AS PPM
- <5 AU PPB
- ~ FAULT
- PIT

R.E. GALE & ASSOCIATES

EMJAY ENTERPRISES LTD.			
WARD GROUP 88N DRILL AREA			
SCALE 1:2500	DATE OCT/99	NTS # 82E/7W	FIGURE 10

The mineralized zone borders the eastern contact of a 2-3 metre wide northerly-trending porphyry dike. About 25 metres south of the pit the dike and mineralized rocks are offset by a WNW post mineral fault.

About 90 metres south of the pit, another pit is excavated along a narrow north-trending shear zone which is replaced by massive pyrrhotite mineralization. A picked sample of the dump 119856 assayed 1030 ppb Au, 16 ppm As and 1055 ppm Cu.

PD's DDH 90-3, located at 88N 103+ 75E is located about 450 metres east of DDH 90-1. It did not intersect the same type of mineralization in diorite as that in the bottom of 90-1, but float of similar type mineralization does occur at surface about 50 metres west of the projected bottom of 90-3. Anomalous soils were collected in the latter area and a sample of pyritized float 119844 assayed 70 ppm As, 25 ppb Au and 2 float samples taken here previously by Phelps Dodge, 49636 and 49637 assayed 542 ppm As, 22 ppb Au and 3441 ppm As, 380 ppb Au respectively. The soil results and rock geochem results near 88+40N 102+60E suggest that further work is warranted here.

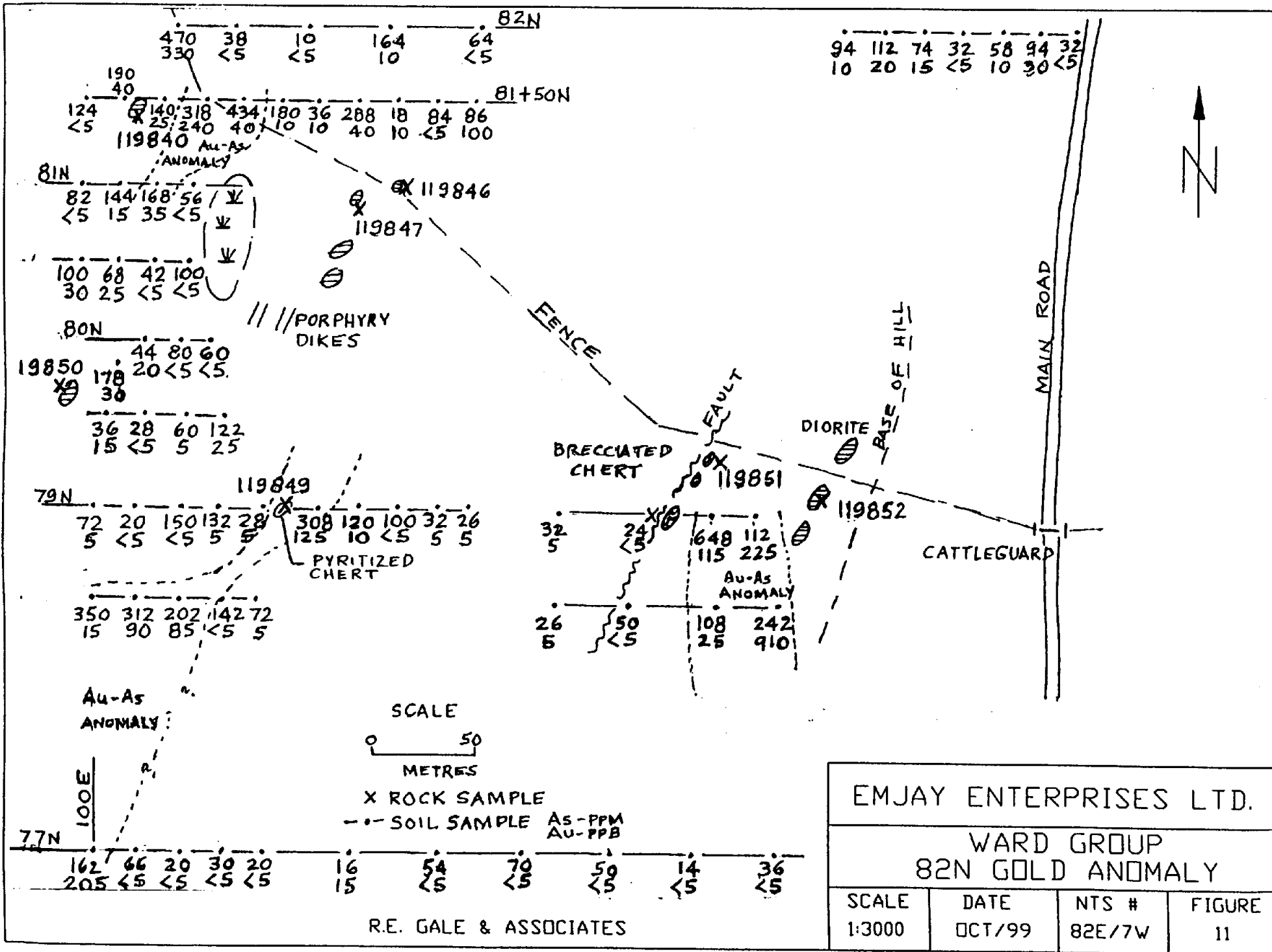
It is concluded that further trenching and drilling near DDH 95-1 and 95-3 is warranted including drilling into the newly discovered mineralization near 100E.

(6.9) 82N GOLD ANOMALY

Figure 11 shows the 82N area which is located on the Ward 4 claim near the southeast side of the property. My original interest in this area was based on the soil sample results described in the report by Mitchell (1989) on the Was claims (Assessment Report 19157). Mitchell's soil sample results on his sample line 0+00N for 20 metre stations starting at 5+00W are as follows:

Station	Au ppb	g/t	oz/t	As ppm
5+00W	90			392
5+20W	515			401
5+40W	>1000	1.15	.034	990
5+60W	60			189

Mitchell's results suggest that there is possible Au-As mineralized zone as much as 60 metres wide with 2 strongly anomalous gold in soils samples here. It is not known whether or not any followup work was done on Mitchell's results. The area has been logged recently and no old trenches or other workings can be seen here. For the present program, further soil sampling in the area was warranted to try to find the high gold area or other new anomalies.



The position of Mitchell's grid on the ground could not be verified in relation to the Phelps Dodge grid so it has not been possible to duplicate the old grid and indeed it was difficult in this area of numerous windfalls to tie into the PD grid. However as the results in Figure 10 indicate, 3 areas of anomalous soils on the west side of Figure 11, not obviously continuous with each other, have been outlined and a mineralized outcrop of unknown size has been found which assays 8560 ppm As, 1690 ppb Au.(Sample No. 119846). Pyritized diorite outcrop about 20 metres SW of 119846, sample 119847, assayed only 70 ppm As, 135 ppb Au while the best soil sample result 50 metres to the north is 86 ppm As, 100 ppb Au and northwest, 40 ppm As, 280 ppb Au.

Two rock chip samples of outcrops of pyritized diorite on the hillside 150 metres west 119840 and 250 metres southwest 119850 assayed 6 ppm As, 20 ppb Au and 54 ppm As, 75 ppb Au respectively.

As shown in Figure 11, the best soil sample results in the area are on line 78+50N with results on adjacent 25 metre sample points of 350, 312 and 202 ppm As with corresponding gold values of 15, 90 and 85 ppb Au. This anomaly is open to extension to the south, the next line to the south being 77N which shows one result of 162 ppm As 205 ppb Au at the western end of the line.

It is concluded that further soil sampling should be done in the area and trenching is also warranted around the area of sample 119846 and the soil anomaly on Line 78+50N.

(7.0) CONCLUSIONS AND RECOMMENDATIONS

Within the Ward Group of claims there are 3 primary targets deserving trenching and drilling, the Highland Mary veins, the South vein zone on the Barnato claims and the 82N Gold Anomaly area. The estimated cost of doing this work is as follows:

Rehabilitation of existing access roads, backhoe trenching	15,000
Diamond Drilling 600 metres NQ core @ \$100/metre.....	60,000
Geological Supervision, Consulting fees.....	10,000
Assays.....	10,000
Government Bond, fees.....	5,000
Contingency.....	10,000
GST and miscellaneous costs	10,000
Total	\$ 120,000

(8.0) COST STATEMENT

June 16- 26

R.E. Gale - Geological mapping and sampling, consulting fees 10 days @ \$400 per day + 7% GST	4280.00
A. Hall - Assistant, soil sampling 10 days @ \$125.00/day	1250.00
Room and Board 2 men 10 days including GST	812.11
Truck rental 10 days including GST	744.68
Fuel, including GST	128.38
Equipment and supplies including GST	336.98
Assays-Chemex Labs - 158 soils samples @\$20.92	3305.12
12 rock samples @ \$24.08	288.90
Total	<u>\$ 11,146.17</u>
TOTAL COSTS JUNE 16-26 - \$11,146.17	

July 16-25

R.E. Gale - Geological mapping and sampling, consulting fees 10 days @ \$400 per day including 7% GST	4280.00
A. Hall - Assistant , soil sampling, 10 days @ \$125/day	1250.00
Room and Board, 2 men 10 days including GST	802.84
Truck rental, 10 days	998.04
Fuel, including GST	112.73
Equipment and supplies, including GST	374.84
Assays-Chemex Labs - 113 Soils @ \$20.92 including GST	2363.79
33 Rocks@\$28.25 including GST	932.08
Total	<u>\$11,114.32</u>

September 1-28

R.E. Gale, 13 days geological mapping and sampling, 3 days report 16 days@ \$400 per day including 7% GST	6848.00
A. Hall, Assistant, soil sampling 13 days @\$125/day	1625.00
Room and Board, 2 men 13 days including GST	1111.84
Truck rental 14 days including GST	966.96
Fuel including GST	172.27
Equipment and supplies including GST	223.32
Assays-Chemex Labs - 94 soils @ \$21.29	2001.26
3 rock assays @\$63.15	189.44
41 rock geochem assays @ \$25.73	1055.07
Magnetometer survey P. Walcott and Associates(incl.GST)	4577.70
Total	<u>\$18,770.86</u>

TOTAL COSTS JULY 16 -25 PLUS SEPT 1-28 \$ 29,885.18

(9.0) REFERENCES

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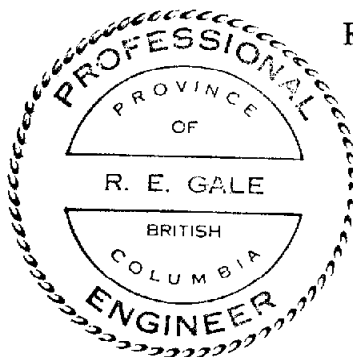
Vulumiri, M.R., 1989, Assessment Report 19524

Vulumiri, M.R., 1990, Assessment Report 19525

(10.0) CERTIFICATE

I Robert E. Gale do hereby certify that:

- (1) I am a consulting geologist with R.E. Gale and Associates Inc. with my office at 107-2274 Folkestone Way, West Vancouver, B.C.
- (2) I graduated from Stanford University with a PhD. in Geology in 1965.
- (3) I have been practising my profession as a geologist for forty four years.
- (4) I have a Member in good standing with the Association of Professional Engineers and Geoscientists of B.C. since 1966.
- (5) This report is based on my personal work of the Ward Group claims during June, July and September, 1999, and the review of all available data on the area.
- (6) I am the owner of the ROI 1-4, Dan 1-12, Bar 1-2 and 7 Reverted Crown Grant claims which are part of the Ward Group.



R.E. Gale, PhD. P. Eng.

October 1, 1999

APPENDIX ONE



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.
 107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Project :
 Comments: ATTN: R.E. GALE

Page Number : 1-A
 Total Pages : 4
 Certificate Date: 08-JUL-1999
 Invoice No. : 19921490
 P.O. Number :
 Account : CNF

CERTIFICATE OF ANALYSIS A9921490

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
80+50N 99+75E	201 202	30	0.2	3.61	100	< 10	130	< 0.5	< 2	0.51	< 0.5	18	13	160	4.18	10	< 1	0.10	10	0.82
80+50N 100+00E	201 202	25	0.2	3.92	68	< 10	170	< 0.5	< 2	0.66	< 0.5	13	15	190	4.08	10	< 1	0.18	10	0.70
80+50N 100+25E	201 202	< 5	< 0.2	2.25	42	< 10	110	< 0.5	< 2	0.26	< 0.5	6	12	16	1.97	< 10	< 1	0.06	10	0.15
80+50N 100+50E	201 202	< 5	0.2	3.27	100	< 10	60	0.5	< 2	0.25	< 0.5	7	10	11	1.80	< 10	< 1	0.05	< 10	0.11
81+00N 99+75E	201 202	< 5	0.4	2.24	82	< 10	170	< 0.5	< 2	0.39	< 0.5	17	14	75	2.78	< 10	< 1	0.12	10	0.42
81+00N 100+00E	201 202	15	0.2	2.88	144	< 10	150	< 0.5	< 2	0.41	0.5	12	15	52	2.64	< 10	< 1	0.19	10	0.45
81+00N 100+25E	201 202	35	0.2	2.10	168	< 10	100	< 0.5	< 2	0.39	< 0.5	9	15	56	2.34	< 10	< 1	0.10	10	0.31
81+00N 100+50E	201 202	< 5	< 0.2	1.29	56	< 10	70	< 0.5	< 2	0.19	< 0.5	6	17	18	2.50	< 10	< 1	0.06	10	0.25
81+50N 99+75E	201 202	< 5	0.2	3.03	124	< 10	80	0.5	< 2	0.24	< 0.5	7	14	21	2.65	< 10	< 1	0.07	10	0.25
81+50N 100+00E	201 202	40	0.2	2.38	190	< 10	60	< 0.5	< 2	0.57	< 0.5	11	26	245	2.61	< 10	< 1	0.10	20	0.62
81+50N 100+25E	201 202	25	0.2	2.96	140	< 10	130	0.5	< 2	0.19	< 0.5	12	21	132	2.54	< 10	< 1	0.12	10	0.49
81+50N 100+50E	201 202	240	< 0.2	2.53	318	< 10	70	0.5	< 2	0.59	< 0.5	13	26	583	2.87	< 10	< 1	0.07	60	0.52
87+50N 98+25E	201 202	< 5	< 0.2	2.18	8	< 10	110	< 0.5	< 2	0.18	< 0.5	6	15	21	2.11	< 10	< 1	0.06	10	0.23
87+50N 98+50E	201 202	< 5	< 0.2	1.98	10	< 10	110	< 0.5	< 2	0.15	< 0.5	5	12	9	1.80	< 10	< 1	0.04	10	0.16
87+50N 98+75E	201 202	15	< 0.2	3.24	112	< 10	80	0.5	< 2	0.13	< 0.5	9	13	28	2.34	< 10	< 1	0.05	10	0.22
87+50N 99+00E	201 202	< 5	< 0.2	3.05	14	< 10	120	0.5	< 2	0.36	< 0.5	7	16	16	2.24	< 10	< 1	0.06	30	0.22
87+50N 99+25E	201 202	< 5	< 0.2	2.46	6	< 10	130	< 0.5	< 2	0.13	< 0.5	5	11	9	1.74	< 10	< 1	0.05	10	0.12
87+50N 99+50E	201 202	< 5	< 0.2	2.95	10	< 10	110	0.5	< 2	0.15	< 0.5	5	11	14	1.88	< 10	< 1	0.05	10	0.16
87+50N 99+75E	201 202	15	< 0.2	2.85	44	< 10	180	< 0.5	< 2	0.10	< 0.5	8	11	13	1.93	< 10	< 1	0.05	< 10	0.17
87+50N 100+00E	201 202	105	0.4	3.17	100	< 10	110	< 0.5	< 2	0.29	< 0.5	11	16	61	3.39	10	< 1	0.07	10	0.57
87+50N 100+25E	201 202	< 5	0.2	2.69	38	< 10	100	< 0.5	< 2	0.24	< 0.5	7	15	30	2.38	< 10	1	0.06	10	0.25
88+00N 98+25E	201 202	< 5	< 0.2	3.14	8	< 10	70	0.5	< 2	0.26	< 0.5	5	11	7	1.81	< 10	< 1	0.03	10	0.12
88+00N 98+50E	201 202	< 5	< 0.2	1.77	6	< 10	70	< 0.5	< 2	0.17	< 0.5	4	12	7	1.83	< 10	< 1	0.04	10	0.17
88+00N 98+75E	201 202	40	< 0.2	2.37	2	< 10	80	< 0.5	< 2	0.28	< 0.5	5	13	10	1.90	< 10	< 1	0.04	10	0.16
88+00N 99+00E	201 202	< 5	0.2	3.38	6	< 10	180	0.5	< 2	0.30	< 0.5	5	15	9	2.40	< 10	< 1	0.05	10	0.18
88+00N 99+25E	201 202	< 5	< 0.2	2.92	24	< 10	120	< 0.5	< 2	0.13	< 0.5	5	10	12	1.79	< 10	< 1	0.05	< 10	0.13
88+00N 99+50E	201 202	< 5	< 0.2	3.45	18	< 10	210	< 0.5	< 2	0.15	< 0.5	7	13	15	2.22	< 10	< 1	0.05	< 10	0.21
88+00N 99+75E	201 202	< 5	< 0.2	3.27	12	< 10	120	0.5	< 2	0.11	< 0.5	5	14	16	2.19	< 10	< 1	0.04	10	0.21
88+00N 100+00E	201 202	< 5	0.4	2.44	54	< 10	130	< 0.5	< 2	0.15	< 0.5	10	13	31	3.08	10	< 1	0.06	< 10	0.41
88+00N 100+25E	201 202	35	0.2	2.81	4	< 10	80	0.5	< 2	0.18	< 0.5	6	13	12	1.84	< 10	< 1	0.05	10	0.15
88+00N 101+50E	201 202	< 5	0.2	4.10	32	< 10	170	0.5	< 2	0.18	< 0.5	6	15	19	2.18	< 10	< 1	0.07	10	0.22
88+00N 101+75E	201 202	60	0.8	4.28	1170	< 10	130	0.5	< 2	0.33	< 0.5	15	15	98	2.57	< 10	< 1	0.07	10	0.22
88+00N 102+00E	201 202	25	0.2	1.50	94	< 10	170	< 0.5	< 2	0.38	< 0.5	11	10	28	2.23	< 10	< 1	0.06	< 10	0.20
88+00N 102+25E	201 202	10	0.2	2.57	90	< 10	150	< 0.5	< 2	0.39	0.5	14	13	46	3.21	< 10	< 1	0.09	< 10	0.35
88+00N 102+50E	201 202	15	0.2	2.98	74	< 10	130	< 0.5	< 2	0.30	< 0.5	7	16	50	2.44	< 10	< 1	0.07	10	0.33
88+50N 101+75E	201 202	20	< 0.2	1.39	40	< 10	50	0.5	< 2	0.31	< 0.5	6	18	31	2.20	< 10	< 1	0.08	30	0.35
88+50N 102+00E	201 202	10	0.2	4.30	40	< 10	240	0.5	< 2	0.27	< 0.5	9	21	35	3.01	10	< 1	0.11	10	0.36
88+50N 102+25E	201 202	< 5	< 0.2	1.48	4	< 10	140	< 0.5	< 2	0.13	< 0.5	4	9	6	1.33	< 10	< 1	0.04	< 10	0.10
88+50N 102+50E	201 202	35	0.2	3.53	70	< 10	110	0.5	< 2	0.24	< 0.5	11	14	98	2.24	< 10	< 1	0.08	10	0.25
88+50N 102+75E	201 202	< 5	0.2	2.43	76	< 10	90	0.5	< 2	0.20	< 0.5	8	15	102	2.29	< 10	< 1	0.06	10	0.27

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

Project: R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

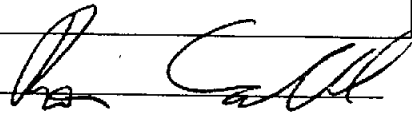
Project:
 Comments: ATTN: R.E. GALE

Page Number: I-B
 Total Pages: 4
 Certificate Date: 08-JUL-1999
 Invoice No.: 19921490
 P.O. Number:
 Account: CNF

CERTIFICATE OF ANALYSIS A9921490

SAMPLE	PREP	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
80+50N 99+75E	201 202	870	3	0.02	18	350	8	0.01	6	7	41	0.05	< 10	< 10	72	< 10	114
80+50N 100+00E	201 202	490	3	0.03	22	360	6	0.01	< 2	8	64	0.07	< 10	< 10	58	< 10	80
80+50N 100+25E	201 202	470	1	0.02	11	1370	6	< 0.01	< 2	2	53	0.09	< 10	< 10	33	< 10	76
80+50N 100+50E	201 202	130	1	0.04	9	300	6	0.02	2	1	28	0.11	< 10	< 10	29	< 10	62
81+00N 99+75E	201 202	1320	2	0.02	40	550	4	0.02	< 2	4	51	0.06	< 10	< 10	41	< 10	128
81+00N 100+00E	201 202	675	3	0.01	23	430	4	0.01	< 2	4	65	0.07	< 10	< 10	43	< 10	170
81+00N 100+25E	201 202	505	2	0.01	13	730	8	0.01	2	3	51	0.09	< 10	< 10	40	< 10	98
81+00N 100+50E	201 202	205	1	0.01	10	420	6	< 0.01	< 2	2	25	0.08	< 10	< 10	46	< 10	48
81+50N 99+75E	201 202	400	< 1	0.02	11	840	8	0.01	< 2	3	32	0.12	< 10	< 10	44	< 10	100
81+50N 100+00E	201 202	350	3	0.02	38	430	< 2	0.02	6	7	55	0.10	< 10	< 10	50	< 10	58
81+50N 100+25E	201 202	340	1	0.03	32	460	8	< 0.01	2	5	36	0.11	< 10	< 10	41	< 10	88
81+50N 100+50E	201 202	635	1	0.03	68	240	6	0.01	< 2	7	64	0.09	< 10	< 10	44	< 10	80
87+50N 98+25E	201 202	600	1	0.01	11	690	8	< 0.01	< 2	2	26	0.09	< 10	< 10	40	< 10	48
87+50N 98+50E	201 202	220	1	0.01	9	900	2	< 0.01	2	1	26	0.08	< 10	< 10	32	< 10	42
87+50N 98+75E	201 202	355	< 1	0.02	9	1640	6	0.01	< 2	3	21	0.10	< 10	< 10	42	< 10	52
87+50N 99+00E	201 202	470	1	0.03	14	300	8	< 0.01	2	3	59	0.11	< 10	< 10	39	< 10	40
87+50N 99+25E	201 202	425	< 1	0.01	10	1640	6	< 0.01	< 2	1	22	0.09	< 10	< 10	27	< 10	56
87+50N 99+50E	201 202	205	1	0.02	10	990	8	< 0.01	< 2	2	28	0.10	< 10	< 10	30	< 10	60
87+50N 99+75E	201 202	1495	< 1	0.01	9	2080	8	< 0.01	2	1	15	0.10	< 10	< 10	32	< 10	142
87+50N 100+00E	201 202	400	3	0.01	14	410	8	0.01	< 2	3	40	0.06	< 10	< 10	47	< 10	108
87+50N 100+25E	201 202	395	2	0.01	11	1540	8	0.01	2	2	30	0.10	< 10	< 10	38	< 10	78
88+00N 98+25E	201 202	135	1	0.03	8	420	6	0.01	< 2	1	25	0.11	< 10	< 10	30	< 10	24
88+00N 98+50E	201 202	150	1	0.01	8	510	4	< 0.01	4	1	21	0.09	< 10	< 10	35	< 10	28
88+00N 98+75E	201 202	185	< 1	0.02	10	210	6	< 0.01	< 2	1	32	0.10	< 10	< 10	32	< 10	30
88+00N 99+00E	201 202	180	1	0.02	12	210	8	< 0.01	< 2	2	45	0.11	< 10	< 10	38	< 10	30
88+00N 99+25E	201 202	515	2	0.01	7	1410	6	< 0.01	< 2	1	16	0.09	< 10	< 10	27	< 10	72
88+00N 99+50E	201 202	1845	1	0.01	12	1820	10	0.01	< 2	2	16	0.11	< 10	< 10	35	< 10	104
88+00N 99+75E	201 202	380	1	0.01	10	910	8	0.01	2	2	13	0.11	< 10	< 10	37	< 10	68
88+00N 100+00E	201 202	895	3	0.01	9	790	8	0.01	< 2	3	16	0.07	< 10	< 10	47	< 10	192
88+00N 100+25E	201 202	170	< 1	0.01	11	1290	2	< 0.01	2	2	23	0.09	< 10	< 10	32	< 10	46
88+00N 101+50E	201 202	465	1	0.03	13	820	12	< 0.01	4	3	28	0.12	< 10	< 10	35	< 10	68
88+00N 101+75E	201 202	275	3	0.02	18	2320	6	0.01	< 2	4	30	0.10	< 10	< 10	31	< 10	198
88+00N 102+00E	201 202	1435	1	0.01	7	1330	8	0.03	< 2	2	37	0.06	< 10	< 10	31	< 10	144
88+00N 102+25E	201 202	1335	3	0.01	12	1040	6	0.03	< 2	3	56	0.08	< 10	< 10	44	< 10	210
88+00N 102+50E	201 202	435	1	0.02	13	180	8	< 0.01	2	3	34	0.09	< 10	< 10	39	< 10	100
88+50N 101+75E	201 202	290	2	0.01	9	410	2	< 0.01	2	4	29	0.10	< 10	< 10	44	< 10	32
88+50N 102+00E	201 202	205	1	0.01	21	1410	10	< 0.01	< 2	3	38	0.11	< 10	< 10	45	< 10	118
88+50N 102+25E	201 202	560	< 1	0.01	7	1080	10	< 0.01	< 2	1	21	0.07	< 10	< 10	22	< 10	54
88+50N 102+50E	201 202	300	1	0.02	11	700	6	< 0.01	4	4	26	0.11	< 10	< 10	31	< 10	76
88+50N 102+75E	201 202	340	1	0.01	12	730	8	< 0.01	2	3	25	0.08	< 10	< 10	35	< 10	150

SOILS PAGE 1A

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
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Project:
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 Account :CNF

CERTIFICATE OF ANALYSIS

A9921490

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
90+50N 83+25E	201 202	< 5	0.2	3.17	16	< 10	120	< 0.5	< 2	0.15	< 0.5	6	13	16	1.95	< 10	< 1	0.05	< 10	0.22
90+50N 83+50E	201 202	< 5	0.2	3.16	8	< 10	90	< 0.5	< 2	0.18	< 0.5	6	12	17	1.99	< 10	< 1	0.05	10	0.23
90+50N 83+75E	201 202	< 5	0.2	2.77	10	< 10	110	< 0.5	< 2	0.19	< 0.5	7	17	19	2.19	< 10	< 1	0.05	10	0.30
90+50N 84+00E	201 202	< 5	0.2	2.53	10	< 10	110	< 0.5	< 2	0.21	< 0.5	6	15	13	1.95	< 10	< 1	0.05	10	0.26
90+50N 84+25E	201 202	< 5	0.2	4.40	18	< 10	60	0.5	< 2	0.30	< 0.5	8	13	24	2.28	< 10	< 1	0.05	10	0.23
90+50N 84+50E	201 202	< 5	0.2	3.38	32	< 10	60	0.5	< 2	0.43	< 0.5	7	14	51	2.30	< 10	< 1	0.05	30	0.25
90+50N 84+75E	201 202	20	0.6	3.26	34	< 10	60	0.5	< 2	0.35	< 0.5	8	15	39	2.31	< 10	< 1	0.04	10	0.29
90+50N 85+00E	201 202	< 5	< 0.2	1.61	10	< 10	80	< 0.5	< 2	0.18	< 0.5	5	15	10	2.02	< 10	< 1	0.04	< 10	0.27
90+50N 85+25E	201 202	< 5	< 0.2	2.27	10	< 10	90	< 0.5	< 2	0.19	< 0.5	4	8	6	1.52	< 10	< 1	0.04	< 10	0.12
90+50N 85+50E	201 202	< 5	< 0.2	2.29	10	< 10	100	< 0.5	< 2	0.27	< 0.5	6	11	8	1.82	< 10	< 1	0.05	< 10	0.18
90+50N 85+75E	201 202	< 5	< 0.2	2.09	4	< 10	80	< 0.5	< 2	0.17	< 0.5	4	12	6	1.87	< 10	< 1	0.05	10	0.17
90+50N 86+00E	201 202	< 5	< 0.2	0.98	4	< 10	90	< 0.5	< 2	0.23	< 0.5	3	10	4	1.47	< 10	< 1	0.04	10	0.14
90+50N 86+25E	201 202	< 5	< 0.2	2.68	2	< 10	180	< 0.5	< 2	0.26	< 0.5	5	11	9	1.77	< 10	< 1	0.07	< 10	0.16
90+50N 87+75E	201 202	60	< 0.2	2.00	42	< 10	150	< 0.5	< 2	0.32	< 0.5	36	9	53	2.68	< 10	1	0.06	< 10	0.16
90+50N 88+00E	201 202	< 5	< 0.2	2.67	46	< 10	80	< 0.5	< 2	0.16	< 0.5	12	17	42	2.76	< 10	< 1	0.05	< 10	0.31
90+50N 88+25E	201 202	< 5	< 0.2	3.91	16	< 10	100	0.5	< 2	0.13	< 0.5	6	9	21	1.83	< 10	< 1	0.04	< 10	0.17
90+50N 88+50E	201 202	< 5	< 0.2	3.33	34	< 10	110	< 0.5	< 2	0.17	< 0.5	8	19	42	2.95	< 10	< 1	0.04	10	0.45
90+50N 88+75E	201 202	< 5	0.2	4.68	42	< 10	60	0.5	< 2	0.21	< 0.5	7	13	19	2.32	< 10	< 1	0.04	10	0.17
91+00N 83+00E	201 202	< 5	0.4	3.18	22	< 10	50	< 0.5	< 2	0.27	< 0.5	12	45	72	2.99	< 10	< 1	0.06	10	0.93
91+00N 83+25E	201 202	< 5	0.2	2.97	16	< 10	80	< 0.5	< 2	0.22	0.5	8	21	44	2.28	< 10	< 1	0.04	10	0.41
91+00N 83+50E	201 202	< 5	0.2	2.12	24	< 10	90	< 0.5	< 2	0.22	0.5	11	37	97	2.65	< 10	< 1	0.04	< 10	0.77
91+00N 83+75E	201 202	< 5	< 0.2	3.15	14	< 10	70	< 0.5	< 2	0.16	< 0.5	7	20	23	2.39	< 10	< 1	0.05	10	0.41
91+00N 83+85E	201 202	< 5	0.2	2.41	10	< 10	130	< 0.5	< 2	0.19	< 0.5	7	21	28	2.21	< 10	< 1	0.04	10	0.42
91+00N 84+00E	201 202	< 5	< 0.2	1.88	4	< 10	100	< 0.5	< 2	0.15	< 0.5	5	14	14	1.87	< 10	< 1	0.06	10	0.27
91+00N 84+25E	201 202	< 5	0.2	3.86	6	< 10	110	0.5	< 2	0.17	< 0.5	6	11	17	1.90	< 10	< 1	0.04	10	0.16
91+00N 84+50E	201 202	< 5	< 0.2	3.03	10	< 10	120	< 0.5	< 2	0.18	< 0.5	6	12	9	1.91	< 10	< 1	0.04	< 10	0.18
91+00N 84+75E	201 202	< 5	< 0.2	2.86	8	< 10	90	< 0.5	< 2	0.23	< 0.5	5	12	9	1.91	< 10	< 1	0.05	< 10	0.18
91+00N 85+00E	201 202	< 5	< 0.2	1.22	4	< 10	60	< 0.5	< 2	0.25	< 0.5	4	13	9	1.75	< 10	1	0.05	< 10	0.22
91+00N 85+25E	201 202	< 5	< 0.2	2.87	2	< 10	140	0.5	< 2	0.33	< 0.5	5	15	12	2.05	< 10	< 1	0.06	10	0.23
91+00N 85+50E	201 202	< 5	< 0.2	2.03	2	< 10	80	< 0.5	< 2	0.19	< 0.5	4	12	8	1.88	< 10	< 1	0.05	10	0.15
91+00N 85+75E	201 202	< 5	< 0.2	1.75	2	< 10	90	< 0.5	< 2	0.23	< 0.5	3	12	8	1.84	< 10	< 1	0.05	10	0.16
91+00N 86+00E	201 202	< 5	< 0.2	0.88	6	< 10	70	< 0.5	< 2	0.21	< 0.5	3	12	5	1.60	< 10	< 1	0.04	10	0.14
91+00N 86+25E	201 202	< 5	< 0.2	1.40	6	< 10	80	< 0.5	< 2	0.20	< 0.5	3	10	6	1.66	< 10	< 1	0.05	10	0.12
91+00N 87+50E	201 202	20	< 0.2	3.75	22	< 10	120	0.5	< 2	0.18	< 0.5	13	14	36	2.51	< 10	< 1	0.07	10	0.26
91+00N 87+75E	201 202	< 5	0.2	3.92	56	< 10	100	0.5	< 2	0.11	< 0.5	9	15	38	2.56	10	< 1	0.07	< 10	0.26
91+00N 88+00E	201 202	< 5	< 0.2	2.04	16	< 10	70	< 0.5	< 2	0.12	< 0.5	6	10	10	1.58	< 10	< 1	0.04	< 10	0.14
91+00N 88+25E	201 202	< 5	0.2	3.79	24	< 10	90	0.5	< 2	0.14	< 0.5	8	15	29	2.32	< 10	< 1	0.05	10	0.27
91+00N 88+50E	201 202	< 5	0.2	4.89	20	< 10	60	0.5	< 2	0.14	< 0.5	7	10	29	2.09	< 10	< 1	0.04	< 10	0.16
91+00N 88+75E	201 202	< 5	0.2	3.49	28	< 10	70	0.5	< 2	0.15	< 0.5	6	10	15	1.98	< 10	< 1	0.05	< 10	0.17
91+50N 84+00E	201 202	< 5	< 0.2	1.59	8	< 10	140	< 0.5	< 2	0.25	0.5	5	13	17	1.76	< 10	< 1	0.04	< 10	0.22

CERTIFICATION:



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Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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By: R. E.

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SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
90+50N 83+25E	201 202	380	1	0.01	14	760	8	0.01	< 2	1	15	0.09	< 10	< 10	32	< 10	84
90+50N 83+50E	201 202	300	1	0.02	12	940	2	< 0.01	6	3	17	0.10	< 10	< 10	33	< 10	78
90+50N 83+75E	201 202	490	1	0.01	16	960	6	< 0.01	< 2	2	20	0.09	< 10	< 10	40	< 10	102
90+50N 84+00E	201 202	345	1	0.02	13	430	4	< 0.01	< 2	2	22	0.09	< 10	< 10	37	< 10	82
90+50N 84+25E	201 202	415	< 1	0.03	12	1190	10	0.01	< 2	3	20	0.13	< 10	< 10	35	< 10	72
90+50N 84+50E	201 202	480	1	0.03	11	750	< 2	0.01	< 2	3	31	0.12	< 10	< 10	39	< 10	62
90+50N 84+75E	201 202	420	1	0.02	12	510	8	0.01	< 2	4	26	0.10	< 10	< 10	32	< 10	56
90+50N 85+00E	201 202	180	1	0.01	9	340	< 2	< 0.01	2	1	17	0.07	< 10	< 10	40	< 10	34
90+50N 85+25E	201 202	230	< 1	0.02	6	2310	6	< 0.01	< 2	1	21	0.07	< 10	< 10	22	< 10	52
90+50N 85+50E	201 202	255	< 1	0.02	10	820	6	0.01	< 2	1	28	0.08	< 10	< 10	31	< 10	60
90+50N 85+75E	201 202	265	< 1	0.02	11	500	2	< 0.01	< 2	1	16	0.08	< 10	< 10	33	< 10	52
90+50N 86+00E	201 202	255	1	0.01	6	900	2	< 0.01	< 2	1	31	0.05	< 10	< 10	25	< 10	50
90+50N 86+25E	201 202	810	1	0.02	10	2280	8	0.01	< 2	1	36	0.08	< 10	< 10	27	< 10	104
90+50N 87+75E	201 202	1695	1	0.03	15	550	6	0.02	2	1	32	0.06	< 10	< 10	31	< 10	58
90+50N 88+00E	201 202	625	2	0.01	15	2040	8	0.01	< 2	2	17	0.07	< 10	< 10	43	< 10	56
90+50N 88+25E	201 202	720	< 1	0.02	9	1490	6	0.01	2	3	16	0.10	< 10	< 10	29	< 10	56
90+50N 88+50E	201 202	330	2	0.01	12	940	2	< 0.01	< 2	4	27	0.09	< 10	< 10	53	< 10	52
90+50N 88+75E	201 202	145	< 1	0.03	11	640	10	0.01	< 2	3	18	0.13	< 10	< 10	33	< 10	46
91+00N 83+00E	201 202	530	2	0.01	44	730	2	< 0.01	4	5	14	0.12	< 10	< 10	71	< 10	172
91+00N 83+25E	201 202	265	3	0.02	28	470	4	< 0.01	< 2	3	21	0.10	< 10	< 10	44	< 10	122
91+00N 83+50E	201 202	780	7	0.01	44	900	2	< 0.01	< 2	4	18	0.08	< 10	< 10	70	< 10	266
91+00N 83+75E	201 202	330	2	0.01	15	920	6	< 0.01	< 2	3	17	0.09	< 10	< 10	44	< 10	84
91+00N 83+85E	201 202	685	3	0.01	18	880	6	< 0.01	< 2	3	20	0.08	< 10	< 10	43	< 10	78
91+00N 84+00E	201 202	270	1	0.01	10	470	6	< 0.01	< 2	1	20	0.07	< 10	< 10	34	< 10	54
91+00N 84+25E	201 202	290	1	0.03	11	680	4	< 0.01	2	3	22	0.11	< 10	< 10	30	< 10	54
91+00N 84+50E	201 202	295	1	0.02	10	1190	4	< 0.01	< 2	1	19	0.10	< 10	< 10	32	< 10	64
91+00N 84+75E	201 202	240	< 1	0.02	10	650	6	< 0.01	2	1	17	0.10	< 10	< 10	33	< 10	46
91+00N 85+00E	201 202	160	< 1	0.01	6	260	< 2	< 0.01	2	1	20	0.08	< 10	< 10	35	< 10	26
91+00N 85+25E	201 202	240	1	0.02	11	410	6	< 0.01	< 2	2	30	0.11	< 10	< 10	36	< 10	66
91+00N 85+50E	201 202	140	1	0.01	8	720	6	< 0.01	< 2	1	20	0.08	< 10	< 10	32	< 10	38
91+00N 85+75E	201 202	195	< 1	0.01	7	490	4	< 0.01	< 2	1	27	0.09	< 10	< 10	33	< 10	32
91+00N 86+00E	201 202	230	1	0.01	5	410	< 2	< 0.01	< 2	1	20	0.06	< 10	< 10	30	< 10	28
91+00N 86+25E	201 202	310	< 1	0.01	8	700	6	< 0.01	< 2	1	23	0.07	< 10	< 10	28	< 10	50
91+00N 87+50E	201 202	305	1	0.02	17	1130	4	0.01	< 2	3	20	0.12	< 10	< 10	42	< 10	56
91+00N 87+75E	201 202	255	< 1	0.01	23	1500	8	0.01	< 2	2	15	0.11	< 10	< 10	38	< 10	78
91+00N 88+00E	201 202	485	< 1	0.01	8	1100	6	< 0.01	< 2	1	13	0.07	< 10	< 10	25	< 10	64
91+00N 88+25E	201 202	170	< 1	0.02	12	800	8	< 0.01	2	3	19	0.11	< 10	< 10	38	< 10	52
91+00N 88+50E	201 202	175	1	0.03	8	1230	4	0.01	< 2	3	18	0.11	< 10	< 10	30	< 10	30
91+00N 88+75E	201 202	150	1	0.02	8	450	2	0.01	4	2	17	0.10	< 10	< 10	31	< 10	30
91+50N 84+00E	201 202	485	1	0.02	12	1590	2	< 0.01	< 2	1	32	0.06	< 10	< 10	29	< 10	86

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Page Number : 3-A
Total Pages : 4
Certificate Date : 08-JUL-1999
Invoice No. : I9921490
P.O. Number :
Account : CNF

Project :
Comments : ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9921490

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
91+50N 84+25E	201 202	< 5	< 0.2	1.86	10	< 10	90	< 0.5	< 2	0.29	< 0.5	7	21	24	2.28	< 10	< 1	0.06	10	0.39
91+50N 84+50E	201 202	< 5	0.2	2.69	2	< 10	120	< 0.5	< 2	0.20	< 0.5	5	15	17	2.08	< 10	< 1	0.05	10	0.28
91+50N 84+75E	201 202	< 5	< 0.2	2.49	< 2	< 10	90	< 0.5	< 2	0.17	< 0.5	4	9	8	1.55	< 10	< 1	0.03	< 10	0.14
91+50N 85+00E	201 202	< 5	< 0.2	1.45	2	< 10	80	< 0.5	< 2	0.28	< 0.5	4	12	8	1.57	< 10	< 1	0.05	< 10	0.19
91+50N 85+25E	201 202	< 5	< 0.2	1.31	2	< 10	70	< 0.5	< 2	0.19	< 0.5	4	12	5	1.58	< 10	< 1	0.05	< 10	0.19
91+50N 85+35E	201 202	< 5	< 0.2	2.68	8	< 10	110	< 0.5	< 2	0.25	< 0.5	5	12	8	1.86	< 10	< 1	0.05	< 10	0.16
91+50N 85+50E	201 202	< 5	< 0.2	0.70	< 2	< 10	40	< 0.5	< 2	0.20	< 0.5	3	11	3	1.84	< 10	< 1	0.04	10	0.13
91+50N 85+75E	201 202	< 5	< 0.2	1.36	2	< 10	50	< 0.5	< 2	0.22	< 0.5	3	13	6	1.85	< 10	< 1	0.04	10	0.18
91+50N 86+00E	201 202	< 5	< 0.2	2.02	6	< 10	130	< 0.5	< 2	0.21	< 0.5	4	9	5	1.60	< 10	< 1	0.06	< 10	0.13
91+50N 86+25E	201 202	< 5	< 0.2	2.06	2	< 10	100	< 0.5	< 2	0.16	< 0.5	4	11	7	1.64	< 10	< 1	0.05	10	0.14
91+50N 87+25E	201 202	< 5	< 0.2	2.30	26	< 10	150	< 0.5	< 2	0.16	< 0.5	11	15	25	2.68	< 10	< 1	0.05	< 10	0.26
91+50N 87+50E	201 202	< 5	< 0.2	3.17	22	< 10	140	0.5	< 2	0.35	< 0.5	18	19	97	3.48	< 10	< 1	0.09	10	0.38
91+50N 87+75E	201 202	< 5	< 0.2	4.70	38	< 10	70	0.5	< 2	0.14	< 0.5	10	12	23	2.26	< 10	< 1	0.04	< 10	0.22
91+50N 88+00E	201 202	< 5	0.6	6.86	106	< 10	240	1.5	< 2	0.61	< 0.5	10	27	231	3.76	10	< 1	0.14	50	0.41
91+50N 88+25E	201 202	< 5	< 0.2	3.02	34	< 10	90	< 0.5	< 2	0.30	< 0.5	8	16	41	2.68	< 10	< 1	0.07	< 10	0.34
91+50N 88+50E	201 202	< 5	0.2	4.43	52	< 10	90	1.0	< 2	0.65	< 0.5	9	16	26	3.15	10	< 1	0.05	30	0.25
93+00N 81+00E	201 202	< 5	0.2	2.99	14	< 10	80	< 0.5	< 2	0.18	< 0.5	5	14	13	2.11	< 10	< 1	0.03	< 10	0.20
93+00N 81+25E	201 202	< 5	0.2	4.25	< 2	< 10	140	0.5	< 2	0.18	< 0.5	5	11	15	1.96	< 10	< 1	0.04	< 10	0.14
93+00N 81+50E	201 202	< 5	< 0.2	3.55	8	< 10	110	0.5	< 2	0.19	< 0.5	6	11	21	2.02	< 10	< 1	0.05	10	0.17
93+00N 81+75E	201 202	< 5	0.2	2.81	18	< 10	110	< 0.5	< 2	0.42	< 0.5	7	17	34	2.59	< 10	< 1	0.05	10	0.36
93+00N 82+00E	201 202	< 5	< 0.2	1.61	10	< 10	100	< 0.5	< 2	0.15	< 0.5	5	13	11	2.05	< 10	< 1	0.04	< 10	0.24
93+00N 82+25E	201 202	< 5	< 0.2	3.25	10	< 10	90	0.5	< 2	0.17	< 0.5	6	12	15	2.09	< 10	< 1	0.04	< 10	0.21
94+00N 81+00E	201 202	< 5	< 0.2	1.07	10	< 10	60	< 0.5	< 2	0.11	< 0.5	4	11	9	1.78	< 10	< 1	0.03	< 10	0.18
94+00N 81+25E	201 202	< 5	< 0.2	1.91	< 2	< 10	120	< 0.5	< 2	0.20	< 0.5	4	14	18	2.22	< 10	< 1	0.03	10	0.27
94+00N 81+50E	201 202	< 5	< 0.2	4.29	14	< 10	120	0.5	< 2	0.31	< 0.5	5	11	18	2.22	< 10	< 1	0.04	10	0.13
94+00N 81+75E	201 202	< 5	0.2	3.18	6	< 10	80	< 0.5	< 2	0.13	< 0.5	5	9	9	1.61	< 10	< 1	0.04	< 10	0.09
94+00N 82+00E	201 202	< 5	0.2	2.46	40	< 10	70	< 0.5	< 2	0.29	0.5	7	16	22	2.28	< 10	< 1	0.05	10	0.24
94+00N 82+25E	201 202	< 5	< 0.2	2.57	10	< 10	80	< 0.5	< 2	0.18	0.5	7	17	9	2.28	< 10	< 1	0.04	< 10	0.21
94+00N 82+50E	201 202	< 5	< 0.2	2.42	8	< 10	80	< 0.5	< 2	0.19	< 0.5	7	16	18	2.37	< 10	< 1	0.04	< 10	0.28
95+00N 80+75E	201 202	< 5	< 0.2	1.14	8	< 10	50	< 0.5	< 2	0.26	< 0.5	6	16	18	2.03	< 10	< 1	0.05	10	0.29
95+00N 81+00E	201 202	< 5	0.2	3.12	14	< 10	70	< 0.5	< 2	0.27	< 0.5	6	15	17	2.39	< 10	< 1	0.05	< 10	0.23
95+00N 81+25E	201 202	< 5	< 0.2	3.32	28	< 10	70	0.5	< 2	0.35	< 0.5	6	17	45	2.27	< 10	< 1	0.03	10	0.25
96+50N 10800E	201 202	< 5	< 0.2	2.84	76	< 10	150	0.5	< 2	0.25	< 0.5	6	14	40	2.35	< 10	< 1	0.10	20	0.30
96+50N 10825E	201 202	< 5	< 0.2	2.02	40	< 10	280	< 0.5	< 2	0.22	< 0.5	7	12	17	2.35	< 10	< 1	0.07	< 10	0.27
96+50N 10850E	201 202	< 5	< 0.2	2.32	20	< 10	90	< 0.5	< 2	0.24	< 0.5	5	14	12	1.98	< 10	< 1	0.08	< 10	0.21
96+50N 10875E	201 202	< 5	< 0.2	2.45	92	< 10	90	< 0.5	< 2	0.16	< 0.5	6	13	10	2.08	< 10	< 1	0.05	< 10	0.20
96+50N 10900E	201 202	< 5	< 0.2	3.20	66	< 10	90	0.5	< 2	0.19	< 0.5	5	13	17	1.98	< 10	< 1	0.04	10	0.20
97+00N 81+50E	201 202	< 5	< 0.2	3.89	28	< 10	80	< 0.5	< 2	0.14	< 0.5	8	14	15	2.51	< 10	< 1	0.03	< 10	0.20
97+00N 81+75E	201 202	< 5	< 0.2	3.36	30	< 10	110	< 0.5	< 2	0.15	< 0.5	8	13	25	2.47	< 10	< 1	0.05	< 10	0.24
97+00N 82+00E	201 202	< 5	< 0.2	4.01	12	< 10	80	0.5	< 2	0.05	< 0.5	5	10	19	1.99	< 10	< 1	0.03	< 10	0.17

CERTIFICATION:

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o: _____, R. E.

107 - 2274 FOLKESTONE WAY
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Page NumL... 3-B
Total Pages : 4
Certificate Date: 08-JUL-1999
Invoice No. : 19921490
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Account : CNF

Project :
Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9921490

SAMPLE	PREP		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
91+50N 84+25E	201	202	435	1	0.01	18	860	4	0.01	< 2	3	22	0.07	< 10	< 10	43	< 10	102
91+50N 84+50E	201	202	255	< 1	0.02	12	600	< 2	< 0.01	< 2	2	23	0.09	< 10	< 10	37	< 10	68
91+50N 84+75E	201	202	280	< 1	0.02	8	1030	4	< 0.01	< 2	1	20	0.08	< 10	< 10	25	< 10	46
91+50N 85+00E	201	202	200	1	0.01	8	740	< 2	< 0.01	< 2	1	29	0.06	< 10	< 10	30	< 10	44
91+50N 85+25E	201	202	195	< 1	0.02	6	370	< 2	< 0.01	< 2	1	20	0.07	< 10	< 10	30	< 10	32
91+50N 85+35E	201	202	255	< 1	0.02	11	690	8	< 0.01	< 2	1	27	0.09	< 10	< 10	31	< 10	62
91+50N 85+50E	201	202	165	1	0.01	5	210	2	< 0.01	< 2	1	15	0.07	< 10	< 10	32	< 10	28
91+50N 85+75E	201	202	170	< 1	0.01	7	180	6	< 0.01	< 2	1	18	0.08	< 10	< 10	33	< 10	32
91+50N 86+00E	201	202	790	< 1	0.01	9	1510	< 2	0.01	< 2	1	26	0.07	< 10	< 10	26	< 10	66
91+50N 86+25E	201	202	245	< 1	0.01	9	950	2	< 0.01	< 2	1	25	0.07	< 10	< 10	28	< 10	40
91+50N 87+25E	201	202	605	< 1	0.01	16	1280	8	0.01	< 2	1	20	0.08	< 10	< 10	38	< 10	112
91+50N 87+50E	201	202	750	1	0.01	31	880	6	0.01	6	3	34	0.11	< 10	< 10	45	< 10	80
91+50N 87+75E	201	202	310	< 1	0.03	15	1530	6	0.01	6	2	14	0.12	< 10	< 10	33	< 10	86
91+50N 88+00E	201	202	440	3	0.04	46	270	14	0.01	< 2	10	114	0.14	< 10	< 10	50	< 10	64
91+50N 88+25E	201	202	305	2	0.02	11	1250	4	0.01	< 2	3	29	0.09	< 10	< 10	45	< 10	74
91+50N 88+50E	201	202	640	5	0.03	14	300	12	0.03	4	4	79	0.10	< 10	< 10	49	< 10	92
93+00N 81+00E	201	202	175	1	0.02	10	950	6	< 0.01	< 2	2	15	0.09	< 10	< 10	37	< 10	50
93+00N 81+25E	201	202	255	< 1	0.03	10	640	8	< 0.01	< 2	2	20	0.11	< 10	< 10	29	< 10	50
93+00N 81+50E	201	202	320	1	0.03	11	790	6	< 0.01	< 2	3	23	0.11	< 10	< 10	32	< 10	56
93+00N 81+75E	201	202	385	3	0.03	19	370	6	< 0.01	2	4	42	0.10	< 10	< 10	44	< 10	58
93+00N 82+00E	201	202	190	1	< 0.01	7	860	< 2	< 0.01	< 2	1	20	0.06	< 10	< 10	38	< 10	56
93+00N 82+25E	201	202	140	1	0.01	9	730	6	< 0.01	< 2	3	25	0.09	< 10	< 10	34	< 10	34
94+00N 81+00E	201	202	145	1	0.01	6	210	< 2	< 0.01	< 2	1	13	0.05	< 10	< 10	34	< 10	32
94+00N 81+25E	201	202	220	< 1	0.01	9	550	< 2	< 0.01	< 2	2	27	0.08	< 10	< 10	42	< 10	48
94+00N 81+50E	201	202	110	1	0.04	12	270	6	0.01	2	3	32	0.11	< 10	< 10	31	< 10	30
94+00N 81+75E	201	202	445	< 1	0.03	6	2360	8	< 0.01	6	2	16	0.10	< 10	< 10	25	< 10	76
94+00N 82+00E	201	202	175	1	0.02	16	440	4	0.01	< 2	2	24	0.10	< 10	< 10	43	< 10	170
94+00N 82+25E	201	202	295	1	0.01	16	940	8	< 0.01	< 2	1	17	0.09	< 10	< 10	41	< 10	178
94+00N 82+50E	201	202	375	< 1	0.01	15	850	2	< 0.01	< 2	2	21	0.09	< 10	< 10	42	< 10	82
95+00N 80+75E	201	202	215	1	0.01	9	310	< 2	< 0.01	2	3	26	0.07	< 10	< 10	39	< 10	26
95+00N 81+00E	201	202	345	< 1	0.01	13	930	10	< 0.01	2	2	20	0.09	< 10	< 10	41	< 10	70
95+00N 81+25E	201	202	235	2	0.03	17	260	2	0.02	< 2	4	32	0.10	< 10	< 10	38	< 10	64
96+50N 10800E	201	202	230	2	0.03	10	490	8	< 0.01	< 2	4	46	0.09	< 10	< 10	36	< 10	46
96+50N 10825E	201	202	1695	1	0.01	8	1450	4	0.01	< 2	1	46	0.07	< 10	< 10	31	< 10	138
96+50N 10850E	201	202	185	1	0.01	10	400	4	< 0.01	< 2	1	38	0.09	< 10	< 10	34	< 10	48
96+50N 10875E	201	202	225	< 1	0.01	9	770	6	< 0.01	< 2	1	27	0.08	< 10	< 10	31	< 10	62
96+50N 10900E	201	202	240	< 1	0.01	8	810	8	< 0.01	< 2	3	34	0.09	< 10	< 10	29	< 10	44
97+00N 81+50E	201	202	135	1	0.02	14	270	8	0.01	< 2	2	16	0.12	< 10	< 10	38	< 10	44
97+00N 81+75E	201	202	395	1	0.01	14	870	6	< 0.01	< 2	3	15	0.10	< 10	< 10	34	< 10	66
97+00N 82+00E	201	202	210	< 1	0.01	9	1110	4	0.01	< 2	3	10	0.11	< 10	< 10	29	< 10	40

SOILS PAGE 3A

CERTIFICATION:



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CERTIFICATE OF ANALYSIS

A9921490

SAMPLE	PREP		Au ppb	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
97+00N 82+25E	201	202	15	< 0.2	3.36	32	< 10	100	< 0.5	< 2	0.14	< 0.5	8	15	57	2.50	< 10	< 1	0.04	< 10	0.31
97+00N 82+50E	201	202	< 5	< 0.2	2.45	38	< 10	130	< 0.5	< 2	0.27	< 0.5	10	22	46	2.94	< 10	< 1	0.07	< 10	0.53
97+00N 10800E	201	202	< 5	0.4	4.45	174	< 10	150	1.0	< 2	0.62	< 0.5	5	10	33	2.05	< 10	< 1	0.05	40	0.22
97+00N 10825E	201	202	< 5	< 0.2	3.36	66	< 10	270	0.5	< 2	0.23	< 0.5	6	14	14	2.72	< 10	< 1	0.08	< 10	0.33
97+00N 10850E	201	202	< 5	< 0.2	1.96	24	< 10	140	< 0.5	< 2	0.24	< 0.5	5	15	10	1.83	< 10	< 1	0.06	< 10	0.19
97+00N 10875E	201	202	< 5	< 0.2	2.22	16	< 10	120	< 0.5	< 2	0.21	< 0.5	4	13	9	1.74	< 10	< 1	0.06	< 10	0.17
97+00N 10900E	201	202	< 5	< 0.2	2.61	36	< 10	130	0.5	< 2	0.25	< 0.5	6	17	12	2.19	< 10	< 1	0.06	< 10	0.24
97+50N 10800E	201	202	< 5	< 0.2	3.50	90	< 10	190	0.5	< 2	0.29	< 0.5	6	12	14	2.10	< 10	< 1	0.06	20	0.29
97+50N 10825E	201	202	< 5	0.8	3.32	26	< 10	160	0.5	< 2	0.25	< 0.5	7	15	16	2.61	< 10	< 1	0.06	< 10	0.29
97+50N 10850E	201	202	< 5	< 0.2	2.71	30	< 10	130	0.5	< 2	0.21	< 0.5	5	16	11	1.99	< 10	< 1	0.06	< 10	0.18
97+50N 10875E	201	202	< 5	< 0.2	3.07	12	< 10	150	0.5	< 2	0.19	< 0.5	5	13	14	1.87	< 10	< 1	0.05	< 10	0.18
97+50N 10900E	201	202	< 5	< 0.2	2.41	26	< 10	160	0.5	< 2	0.22	< 0.5	6	18	13	2.16	< 10	< 1	0.06	< 10	0.26
98+00N 10800E	201	202	< 5	< 0.2	4.10	60	< 10	110	0.5	< 2	0.42	< 0.5	6	13	22	2.10	< 10	< 1	0.05	20	0.24
98+00N 10825E	201	202	< 5	< 0.2	2.79	62	< 10	120	0.5	< 2	0.19	< 0.5	5	17	16	2.37	< 10	< 1	0.05	< 10	0.27
98+00N 10850E	201	202	< 5	< 0.2	4.90	102	< 10	100	1.0	< 2	0.18	< 0.5	6	11	27	1.98	10	< 1	0.03	40	0.21
98+00N 10875E	201	202	< 5	< 0.2	2.63	24	< 10	90	< 0.5	< 2	0.15	< 0.5	5	13	12	1.82	< 10	< 1	0.05	< 10	0.18
98+00N 10900E	201	202	< 5	< 0.2	3.35	44	< 10	170	< 0.5	< 2	0.25	< 0.5	6	16	13	2.24	< 10	< 1	0.07	< 10	0.21
102+50N 105+00E	201	202	< 5	< 0.2	2.20	12	< 10	110	0.5	< 2	0.17	< 0.5	5	13	15	2.26	< 10	< 1	0.05	< 10	0.25
102+50N 105+25E	201	202	< 5	< 0.2	3.33	18	< 10	170	< 0.5	< 2	0.55	< 0.5	11	19	32	3.03	< 10	< 1	0.14	< 10	0.53
102+50N 105+50E	201	202	< 5	< 0.2	2.39	8	< 10	140	< 0.5	< 2	0.13	< 0.5	6	12	13	2.09	< 10	< 1	0.05	< 10	0.23
102+50N 105+75E	201	202	< 5	< 0.2	3.21	14	< 10	150	0.5	< 2	0.16	< 0.5	7	16	22	2.52	< 10	1	0.05	< 10	0.30
102+50N 106+00E	201	202	< 5	< 0.2	3.14	12	< 10	110	0.5	< 2	0.15	< 0.5	7	17	36	2.58	< 10	< 1	0.06	< 10	0.35
102+50N 106+25E	201	202	< 5	< 0.2	1.46	12	< 10	140	< 0.5	< 2	0.23	0.5	18	16	113	5.50	< 10	< 1	0.06	< 10	0.20
102+50N 106+50E	201	202	< 5	< 0.2	2.31	40	< 10	100	0.5	< 2	0.52	0.5	9	28	64	3.95	< 10	< 1	0.06	< 10	0.27
103+00N 105+00E	201	202	< 5	< 0.2	3.52	8	< 10	120	< 0.5	< 2	0.31	< 0.5	10	29	38	2.84	< 10	< 1	0.08	< 10	0.69
103+00N 105+25E	201	202	< 5	< 0.2	3.22	14	< 10	150	0.5	< 2	0.19	< 0.5	7	12	23	2.29	< 10	< 1	0.06	< 10	0.25
103+00N 105+50E	201	202	< 5	< 0.2	2.24	14	< 10	140	< 0.5	< 2	0.16	< 0.5	5	10	12	1.84	< 10	< 1	0.04	< 10	0.21
103+00N 105+75E	201	202	< 5	< 0.2	2.69	10	< 10	90	0.5	< 2	0.18	< 0.5	6	12	22	2.20	< 10	< 1	0.06	< 10	0.27
103+00N 106+00E	201	202	< 5	< 0.2	2.58	10	< 10	120	0.5	< 2	0.20	< 0.5	5	12	11	2.06	< 10	< 1	0.05	< 10	0.22
103+00N 106+25E	201	202	< 5	< 0.2	1.52	6	< 10	60	< 0.5	< 2	0.20	< 0.5	9	18	88	3.14	< 10	< 1	0.06	< 10	0.35
103+00N 106+50E	201	202	< 5	< 0.2	1.28	24	< 10	50	< 0.5	< 2	0.40	< 0.5	4	22	50	4.20	< 10	< 1	0.08	30	0.35
103+00N 106+75E	201	202	< 5	< 0.2	2.87	14	< 10	70	0.5	< 2	0.35	< 0.5	5	10	17	2.00	< 10	< 1	0.04	< 10	0.20
103+00N 107+00E	201	202	< 5	< 0.2	2.39	12	< 10	130	< 0.5	< 2	0.31	< 0.5	5	11	11	1.93	< 10	< 1	0.04	< 10	0.18
103+50N 105+00E	201	202	< 5	< 0.2	2.22	20	< 10	170	< 0.5	< 2	0.19	< 0.5	7	10	11	3.13	10	< 1	0.05	< 10	0.52
103+50N 105+25E	201	202	< 5	< 0.2	3.08	24	< 10	150	< 0.5	< 2	0.22	< 0.5	10	11	31	2.59	< 10	< 1	0.07	< 10	0.32
103+50N 105+75EA	201	202	< 5	< 0.2	1.32	2	< 10	90	< 0.5	< 2	0.16	< 0.5	6	12	13	2.05	< 10	< 1	0.05	< 10	0.21
103+50N 105+75EB	201	202	< 5	0.2	1.72	18	< 10	100	< 0.5	< 2	0.15	< 0.5	9	17	27	2.98	< 10	< 1	0.05	< 10	0.35
103+50N 106+00E	201	202	< 5	< 0.2	2.75	18	< 10	110	0.5	< 2	0.21	< 0.5	5	10	15	1.85	< 10	< 1	0.06	< 10	0.18

SOIIS PAGE 4

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE

Page Number : 4-B
Total Pages : 4
Certificate Date : 08-JUL-1999
Invoice No. : 19921490
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS A9921490

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
97+00N 82+25E	201	202	500	< 1	0.01	11	800	6	0.01	< 2	3	16	0.10	< 10	< 10	39	< 10	52
97+00N 82+50E	201	202	260	2	0.01	15	500	4	< 0.01	2	5	36	0.10	< 10	< 10	53	< 10	62
97+00N 10800E	201	202	265	1	0.05	9	540	4	0.02	< 2	5	99	0.12	< 10	< 10	25	< 10	36
97+00N 10825E	201	202	1240	1	0.01	10	3110	10	0.01	< 2	3	73	0.09	< 10	< 10	39	< 10	98
97+00N 10850E	201	202	375	< 1	0.01	9	1030	2	< 0.01	4	1	33	0.07	< 10	< 10	30	< 10	56
97+00N 10875E	201	202	520	1	0.02	9	1490	8	< 0.01	< 2	1	34	0.07	< 10	< 10	27	< 10	56
97+00N 10900E	201	202	215	1	0.01	9	530	4	< 0.01	2	1	34	0.10	< 10	< 10	37	< 10	42
97+50N 10800E	201	202	360	< 1	0.02	8	790	8	0.01	2	4	62	0.09	< 10	< 10	28	< 10	90
97+50N 10825E	201	202	435	1	0.01	9	1450	6	0.01	< 2	3	41	0.11	< 10	< 10	41	< 10	64
97+50N 10850E	201	202	410	< 1	0.01	10	1270	8	0.01	2	2	26	0.09	< 10	< 10	32	< 10	50
97+50N 10875E	201	202	325	< 1	0.02	12	1040	2	< 0.01	2	3	28	0.10	< 10	< 10	29	< 10	52
97+50N 10900E	201	202	570	1	0.01	10	1090	6	< 0.01	< 2	1	31	0.09	< 10	< 10	36	< 10	54
98+00N 10800E	201	202	360	< 1	0.03	11	640	10	0.01	2	4	56	0.12	< 10	< 10	31	< 10	66
98+00N 10825E	201	202	355	1	0.01	12	1200	6	< 0.01	< 2	2	24	0.09	< 10	< 10	39	< 10	44
98+00N 10850E	201	202	130	1	0.02	10	730	8	0.01	< 2	4	29	0.13	< 10	< 10	31	< 10	42
98+00N 10875E	201	202	240	1	0.02	11	860	6	< 0.01	< 2	2	25	0.09	< 10	< 10	28	< 10	52
98+00N 10900E	201	202	165	< 1	0.01	13	530	6	< 0.01	6	1	41	0.11	< 10	< 10	34	< 10	38
102+50N 105+00E	201	202	405	1	0.01	11	670	6	< 0.01	2	2	23	0.09	< 10	< 10	37	< 10	68
102+50N 105+25E	201	202	400	1	0.02	13	320	4	0.01	< 2	3	434	0.11	< 10	< 10	52	< 10	74
102+50N 105+50E	201	202	380	1	0.01	9	870	6	< 0.01	< 2	1	28	0.09	< 10	< 10	32	< 10	66
102+50N 105+75E	201	202	615	1	0.01	23	1010	6	< 0.01	2	2	22	0.11	< 10	< 10	40	< 10	84
102+50N 106+00E	201	202	270	1	0.01	21	640	6	< 0.01	6	3	21	0.11	< 10	< 10	39	< 10	64
102+50N 106+25E	201	202	1150	12	0.02	16	990	8	0.04	< 2	1	37	0.08	< 10	< 10	43	< 10	88
102+50N 106+50E	201	202	1575	4	0.01	28	840	10	0.01	< 2	4	34	0.09	< 10	< 10	44	< 10	170
103+00N 105+00E	201	202	335	4	0.01	13	320	6	< 0.01	2	3	40	0.14	< 10	< 10	50	< 10	52
103+00N 105+25E	201	202	315	2	0.01	9	690	2	< 0.01	< 2	1	39	0.10	< 10	< 10	33	< 10	50
103+00N 105+50E	201	202	665	1	0.01	9	600	10	< 0.01	< 2	1	36	0.08	< 10	< 10	29	< 10	46
103+00N 105+75E	201	202	240	2	0.01	12	420	6	< 0.01	< 2	3	29	0.10	< 10	< 10	36	< 10	44
103+00N 106+00E	201	202	365	1	0.01	11	680	6	< 0.01	< 2	1	25	0.09	< 10	< 10	32	< 10	62
103+00N 106+25E	201	202	300	5	0.01	15	510	4	0.04	2	4	28	0.09	< 10	< 10	43	< 10	34
103+00N 106+50E	201	202	300	10	< 0.01	14	510	< 2	0.05	< 2	5	57	0.08	< 10	< 10	48	< 10	40
103+00N 106+75E	201	202	230	1	0.01	10	950	6	0.01	2	3	27	0.10	< 10	< 10	30	< 10	44
103+00N 107+00E	201	202	300	1	0.01	12	1650	2	< 0.01	2	1	27	0.08	< 10	< 10	29	< 10	56
103+50N 105+00E	201	202	695	4	0.01	7	980	8	< 0.01	< 2	2	115	0.12	< 10	< 10	57	< 10	146
103+50N 105+25E	201	202	970	1	0.01	18	1190	2	< 0.01	< 2	3	81	0.11	< 10	< 10	44	< 10	92
103+50N 105+75EA	201	202	195	1	< 0.01	11	480	4	< 0.01	< 2	1	22	0.07	< 10	< 10	32	< 10	68
103+50N 105+75EB	201	202	580	4	0.01	19	890	2	0.01	< 2	2	33	0.08	< 10	< 10	44	< 10	108
103+50N 106+00E	201	202	285	1	0.02	9	1000	6	0.01	4	2	31	0.09	< 10	< 10	28	< 10	44

CERTIFICATION:

SOILS PAGE 4/A



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

TO: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Project:
 Comments: ATTN: R.E. GALE

Page Number :1-A
 Total Pages :3
 Certificate Date: 10-AUG-1999
 Invoice No. :19924464
 P.O. Number :
 Account :CNF

CERTIFICATE OF ANALYSIS

A9924464

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
TOP ROAD 39M	201	202	550	0.4	2.19	1000	< 10	80	< 0.5	< 2	0.26	1.5	11	11	81	3.48	< 10	< 1	0.08	10	0.29
TOP ROAD 45M	201	202	515	< 0.2	1.14	984	< 10	40	< 0.5	< 2	0.29	0.5	7	14	64	3.19	< 10	< 1	0.06	10	0.30
TOP ROAD 50M	201	202	4650	0.8	1.75	4490	< 10	80	< 0.5	< 2	0.25	1.5	18	13	113	5.51	< 10	< 1	0.08	10	0.37
TOP ROAD 55M	201	202	4490	1.0	3.40	>10000	< 10	140	< 0.5	< 2	0.28	1.5	18	5	179	8.67	< 10	1	0.11	10	0.32
TOP ROAD 76M	201	202	245	0.2	2.46	832	< 10	100	< 0.5	< 2	0.26	0.5	9	11	83	4.03	< 10	< 1	0.07	10	0.31
TOP ROAD 81M	201	202	385	0.2	1.68	466	< 10	80	< 0.5	< 2	0.28	< 0.5	9	14	97	4.47	< 10	< 1	0.10	20	0.38
TOP ROAD 86M	201	202	155	0.2	2.45	116	< 10	80	0.5	< 2	0.18	< 0.5	10	12	86	3.90	< 10	< 1	0.07	10	0.36
TOP ROAD 91M	201	202	135	0.2	2.16	116	< 10	80	0.5	< 2	0.22	< 0.5	7	12	30	2.52	< 10	< 1	0.07	10	0.29
TOP ROAD 105M	201	202	30	< 0.2	2.13	52	< 10	110	< 0.5	< 2	0.21	< 0.5	6	10	23	2.21	< 10	< 1	0.06	10	0.29
TOP ROAD 130M	201	202	10	< 0.2	2.22	30	< 10	120	0.5	< 2	0.20	< 0.5	5	11	17	1.80	< 10	< 1	0.06	10	0.22
SOUTH TRENCH 13M	201	202	15	< 0.2	0.96	62	< 10	30	< 0.5	< 2	0.30	< 0.5	5	15	27	2.44	< 10	< 1	0.06	20	0.30
SOUTH TRENCH 18M	201	202	20	< 0.2	1.10	288	< 10	50	0.5	< 2	0.46	< 0.5	8	15	99	4.62	< 10	< 1	0.07	50	0.35
SOUTH TRENCH 21M	201	202	15	< 0.2	0.47	32	< 10	10	< 0.5	< 2	0.31	< 0.5	4	11	22	1.65	< 10	< 1	0.02	20	0.19
SOUTH TRENCH 26M	201	202	40	< 0.2	0.86	66	< 10	30	< 0.5	< 2	0.26	< 0.5	6	14	49	2.78	< 10	< 1	0.05	20	0.25
SOUTH TRENCH 31M	201	202	55	< 0.2	1.99	234	< 10	60	1.0	< 2	0.52	0.5	17	14	123	3.77	< 10	< 1	0.07	30	0.41
SOUTH TRENCH 36M	201	202	75	< 0.2	0.99	106	< 10	30	< 0.5	< 2	0.30	< 0.5	6	14	38	2.61	< 10	< 1	0.05	20	0.27
77N 10000E	201	202	205	0.2	2.25	162	< 10	110	< 0.5	< 2	0.28	< 0.5	11	13	68	2.48	< 10	< 1	0.06	< 10	0.24
77N 10025E	201	202	< 5	< 0.2	2.27	66	< 10	130	< 0.5	< 2	0.15	< 0.5	8	15	24	2.68	< 10	< 1	0.05	< 10	0.25
77N 10050E	201	202	< 5	< 0.2	2.40	20	< 10	100	< 0.5	< 2	0.16	< 0.5	4	10	13	1.86	< 10	< 1	0.05	< 10	0.16
77N 10075E	201	202	< 5	< 0.2	2.45	30	< 10	90	< 0.5	< 2	0.15	< 0.5	4	7	6	1.60	< 10	< 1	0.06	< 10	0.11
77N 10100E	201	202	< 5	< 0.2	2.62	20	< 10	90	< 0.5	< 2	0.09	< 0.5	4	8	14	1.55	< 10	< 1	0.03	< 10	0.12
77N 10150E	201	202	15	< 0.2	1.60	16	< 10	60	< 0.5	< 2	0.17	< 0.5	4	11	13	1.81	< 10	1	0.03	10	0.13
77N 10200E	201	202	< 5	< 0.2	2.99	54	< 10	100	0.5	< 2	0.30	< 0.5	5	10	18	1.86	< 10	< 1	0.05	< 10	0.16
77N 10250E	201	202	< 5	< 0.2	2.21	70	< 10	120	0.5	< 2	0.41	< 0.5	5	11	31	1.86	< 10	< 1	0.04	10	0.16
77N 10300E	201	202	< 5	< 0.2	2.05	50	< 10	130	< 0.5	< 2	0.15	< 0.5	5	10	15	1.58	< 10	< 1	0.05	< 10	0.16
77N 10350E	201	202	< 5	< 0.2	1.35	14	< 10	70	< 0.5	< 2	0.21	< 0.5	5	16	29	2.06	< 10	< 1	0.04	20	0.31
77N 10400E	201	202	< 5	0.2	1.70	36	< 10	130	< 0.5	< 2	0.22	< 0.5	7	12	32	1.91	< 10	< 1	0.05	< 10	0.24
77N 10450E	201	202	< 5	< 0.2	1.63	52	< 10	110	< 0.5	< 2	0.11	< 0.5	5	11	19	1.83	< 10	< 1	0.04	< 10	0.18
77N 10500E	201	202	5	0.2	2.63	230	< 10	120	0.5	< 2	0.23	< 0.5	9	15	54	2.43	< 10	< 1	0.08	10	0.30
77N 10525E	201	202	75	0.4	2.63	256	< 10	130	0.5	< 2	0.47	< 0.5	7	11	250	2.26	< 10	< 1	0.10	10	0.27
77N 10600E	201	202	25	< 0.2	1.28	54	< 10	60	< 0.5	< 2	0.20	< 0.5	6	17	27	2.33	< 10	< 1	0.05	10	0.25
78+50N 102+00E	201	202	5	0.2	2.21	26	< 10	90	< 0.5	< 2	0.20	< 0.5	5	10	14	1.74	< 10	< 1	0.04	< 10	0.15
78+50N 103+00E	201	202	< 5	< 0.2	2.68	50	< 10	120	0.5	< 2	0.23	< 0.5	5	12	29	1.90	< 10	< 1	0.06	10	0.20
78+50N 103+50E	201	202	25	0.2	2.04	108	< 10	70	< 0.5	< 2	0.67	< 0.5	7	11	53	2.36	< 10	< 1	0.06	10	0.22
78+50N 104+00E	201	202	910	0.8	1.59	242	< 10	130	< 0.5	< 2	0.28	0.5	10	7	120	2.42	< 10	< 1	0.06	< 10	0.34
79N 100+050E	201	202	5	0.2	2.70	190	< 10	70	0.5	< 2	0.54	0.5	6	10	75	1.73	< 10	< 1	0.05	20	0.17
79N 100+75E	201	202	20	< 0.2	1.62	60	< 10	70	< 0.5	< 2	0.58	< 0.5	8	12	38	2.04	< 10	< 1	0.09	< 10	0.28
79N 101E	201	202	10	< 0.2	2.18	120	< 10	70	0.5	< 2	0.72	< 0.5	5	10	381	1.63	< 10	< 1	0.05	30	0.20
79N 101+25E	201	202	< 5	< 0.2	2.18	100	< 10	70	0.5	< 2	0.59	< 0.5	5	11	107	1.72	< 10	< 1	0.06	40	0.19
79N 101+50E	201	202	15	< 0.2	0.80	32	< 10	110	< 0.5	< 2	0.53	< 0.5	5	6	25	1.42	< 10	< 1	0.07	< 10	0.16

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number : 1-B
 Total Pages : 3
 Certificate Date: 10-AUG-1999
 Invoice No. : I9924464
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Project:
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS

A9924464

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TOP ROAD 39M	201 202	200	2	0.02	9	700	< 2	0.01	2	3	71	0.08	< 10	< 10	40	< 10	146
TOP ROAD 45M	201 202	195	3	0.01	7	510	2	0.01	< 2	3	50	0.06	< 10	< 10	41	< 10	48
TOP ROAD 50M	201 202	275	5	0.02	10	640	< 2	0.07	8	4	97	0.07	< 10	< 10	48	< 10	64
TOP ROAD 55M	201 202	420	< 1	0.03	10	1990	8	0.13	12	5	108	0.10	< 10	< 10	31	< 10	54
TOP ROAD 76M	201 202	215	3	0.01	8	610	2	0.04	8	3	67	0.09	< 10	< 10	42	< 10	40
TOP ROAD 81M	201 202	215	4	0.01	9	560	8	0.05	< 2	3	92	0.06	< 10	< 10	46	< 10	30
TOP ROAD 86M	201 202	200	4	0.01	9	530	< 2	0.01	4	3	66	0.09	< 10	< 10	45	< 10	44
TOP ROAD 91M	201 202	185	1	0.01	8	410	< 2	0.01	2	3	47	0.09	< 10	< 10	41	< 10	44
TOP ROAD 105M	201 202	180	1	0.01	6	370	2	< 0.01	2	2	55	0.09	< 10	< 10	37	< 10	40
TOP ROAD 130M	201 202	260	1	0.01	8	840	< 2	< 0.01	< 2	2	36	0.09	< 10	< 10	31	< 10	46
SOUTH TRENCH 13M	201 202	205	2	< 0.01	10	650	6	< 0.01	6	2	30	0.06	< 10	< 10	42	< 10	34
SOUTH TRENCH 18M	201 202	185	12	0.01	8	730	8	0.05	< 2	3	106	0.06	< 10	< 10	58	< 10	32
SOUTH TRENCH 21M	201 202	165	1	0.01	7	670	4	< 0.01	< 2	1	25	0.04	< 10	< 10	28	< 10	22
SOUTH TRENCH 26M	201 202	190	2	< 0.01	10	580	< 2	0.09	< 2	2	28	0.06	< 10	< 10	41	< 10	30
SOUTH TRENCH 31M	201 202	570	7	0.01	18	850	2	0.01	4	4	191	0.05	< 10	< 10	48	< 10	46
SOUTH TRENCH 36M	201 202	200	2	0.01	8	520	2	< 0.01	< 2	2	37	0.07	< 10	< 10	41	< 10	28
77N 10000E	201 202	840	< 1	0.01	13	1050	2	0.02	4	2	33	0.09	< 10	< 10	39	< 10	122
77N 10025E	201 202	410	< 1	0.01	18	1140	6	0.01	< 2	1	17	0.10	< 10	< 10	47	< 10	108
77N 10050E	201 202	130	< 1	0.01	9	380	< 2	< 0.01	2	1	28	0.08	< 10	< 10	30	< 10	36
77N 10075E	201 202	240	< 1	0.01	7	680	< 2	0.01	2	< 1	22	0.08	< 10	< 10	25	< 10	34
77N 10100E	201 202	195	< 1	0.01	7	1100	< 2	< 0.01	4	2	15	0.08	< 10	< 10	24	< 10	36
77N 10150E	201 202	460	< 1	0.01	8	850	2	< 0.01	2	1	17	0.07	< 10	< 10	31	< 10	50
77N 10200E	201 202	210	< 1	0.01	10	1020	< 2	0.01	2	2	45	0.10	< 10	< 10	30	< 10	46
77N 10250E	201 202	180	< 1	0.02	11	180	2	0.01	4	2	48	0.08	< 10	< 10	26	< 10	30
77N 10300E	201 202	570	< 1	0.01	12	990	2	< 0.01	< 2	1	27	0.07	< 10	< 10	26	< 10	54
77N 10350E	201 202	170	1	< 0.01	9	330	2	< 0.01	2	2	24	0.07	< 10	< 10	43	< 10	32
77N 10400E	201 202	735	1	0.01	14	330	< 2	< 0.01	6	1	28	0.06	< 10	< 10	35	< 10	92
77N 10450E	201 202	420	1	0.01	12	600	2	< 0.01	< 2	1	14	0.07	< 10	< 10	32	< 10	78
77N 10500E	201 202	435	1	0.01	22	2010	< 2	0.01	4	2	26	0.09	< 10	< 10	37	< 10	112
77N 10525E	201 202	310	1	0.03	25	490	< 2	0.01	2	4	50	0.08	< 10	< 10	32	< 10	68
77N 10600E	201 202	240	< 1	0.01	11	480	< 2	< 0.01	< 2	2	19	0.07	< 10	< 10	43	< 10	48
78+50N 102+00E	201 202	195	< 1	0.02	8	340	< 2	< 0.01	6	1	24	0.08	< 10	< 10	29	< 10	56
78+50N 103+00E	201 202	285	1	0.02	9	540	< 2	< 0.01	2	3	22	0.10	< 10	< 10	32	< 10	50
78+50N 103+50E	201 202	240	< 1	0.02	7	160	2	0.01	2	4	59	0.07	< 10	< 10	32	< 10	32
78+50N 104+00E	201 202	775	< 1	0.03	6	540	6	0.01	< 2	2	30	0.04	< 10	< 10	35	< 10	112
79N 100+050E	201 202	440	< 1	0.04	17	290	< 2	0.02	4	3	60	0.10	< 10	< 10	24	< 10	46
79N 100+75E	201 202	460	< 1	0.01	6	320	2	0.01	4	2	63	0.08	< 10	< 10	34	< 10	74
79N 101E	201 202	240	< 1	0.03	17	250	2	0.03	4	3	80	0.08	< 10	< 10	23	< 10	26
79N 101+25E	201 202	460	1	0.03	10	160	2	0.01	< 2	3	65	0.09	< 10	< 10	28	< 10	34
79N 101+50E	201 202	610	< 1	0.03	3	260	8	0.01	< 2	1	55	0.04	< 10	< 10	26	< 10	58

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE

Page Number : 2-A
Total Pages : 3
Certificate Date: 10-AUG-1999
Invoice No. : 19924464
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS

A9924464

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
79N 101+075E	201 202	5 < 0.2	2.38	26 < 10	180	0.5	< 2	0.22 < 0.5	6	15	18	2.17 < 10	< 1	0.06	< 10	< 1	0.08	< 10	0.18	0.25
79N 102+50E	201 202	< 5 < 0.2	1.92	32 < 10	160 < 0.5	< 2	0.23 < 0.5	5	9	11	1.48 < 10	< 1	0.05	< 10	< 1	0.06	< 10	0.16	0.26	0.18
79N 103+00E	201 202	15 < 0.2	2.04	136 < 10	100 < 0.5	< 2	0.14 < 0.5	6	11	22	2.00 < 10	< 1	0.05	< 10	< 1	0.06	< 10	0.16	0.26	0.18
79N 103+50E	201 202	115 < 0.4	2.21	648 < 10	100 < 0.5	< 2	0.14 < 0.5	11	13	86	2.43 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.16	0.26	0.18
79N 103+075E	201 202	225 < 0.2	2.43	112 < 10	370 < 0.5	< 2	0.48 < 0.5	10	16	90	3.00 < 10	< 1	0.16	< 10	< 1	0.16	< 10	0.42	0.26	0.18
79N 104+25E	201 202	5 < 0.2	1.20	60 < 10	80 < 0.5	< 2	0.13 < 0.5	4	10	12	1.52 < 10	< 1	0.04	< 10	< 1	0.07	< 10	0.12	0.22	0.12
79+50N 102+50E	201 202	< 5 < 0.2	2.42	144 < 10	100 < 0.5	< 2	0.28 < 0.5	6	12	28	1.89 < 10	< 1	0.07	< 10	< 1	0.07	< 10	0.22	0.22	0.12
79+50N 103+00E	201 202	< 5 < 0.2	2.46	38 < 10	150 < 0.5	< 2	0.13 < 0.5	7	14	29	2.19 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.21	0.21	0.21
78+50N 100+00E	201 202	15 < 0.2	2.88	350 < 10	70 < 0.5	< 2	0.25 < 0.5	6	13	18	2.14 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.16	0.16	0.16
78+50N 100+25E	201 202	90 < 0.2	2.14	312 < 10	160 < 0.5	< 2	0.54 < 0.5	14	10	105	4.06 < 10	< 1	0.09	< 10	< 1	0.09	< 10	0.51	0.51	0.51
78+50N 100+50E	201 202	85 < 0.2	2.34	202 < 10	120 < 0.5	< 2	0.23 < 0.5	7	9	19	1.76 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.14	0.14	0.14
78+50N 100+75E	201 202	< 5 < 0.2	2.47	142 < 10	70 < 0.5	< 2	0.16 < 0.5	6	10	15	1.89 < 10	< 1	0.04	< 10	< 1	0.04	< 10	0.13	0.13	0.13
78+50N 100+100E	201 202	5 < 0.2	1.61	72 < 10	50 < 0.5	< 2	0.20 < 0.5	4	12	28	1.80 < 10	< 1	0.03	< 10	< 1	0.03	< 10	0.13	0.13	0.13
79N 100+00E	201 202	< 5 < 0.2	2.07	20 < 10	200 < 0.5	< 2	0.43 < 0.5	9	38	14	3.07 < 10	< 1	0.20	< 10	< 1	0.20	< 10	0.60	0.60	0.60
79N 100+25E	201 202	< 5 < 0.2	2.52	50 < 10	110 < 0.5	< 2	0.27 < 0.5	6	12	16	1.90 < 10	< 1	0.07	< 10	< 1	0.07	< 10	0.19	0.19	0.19
79N 100+75E	201 202	< 5 < 0.2	2.15	28 < 10	90 < 0.5	< 2	0.27 < 0.5	6	17	16	2.04 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.30	0.30	0.30
79N 100+100E	201 202	25 < 0.2	2.72	308 < 10	60 < 0.5	< 2	0.24 < 0.5	6	12	67	2.09 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.17	0.17	0.17
79+50N 100+00E	201 202	15 < 0.2	1.50	36 < 10	90 < 0.5	< 2	0.22 < 0.5	6	19	18	2.54 < 10	< 1	0.10	< 10	< 1	0.10	< 10	0.36	0.36	0.36
79+50N 100+25E	201 202	< 5 < 0.2	1.87	28 < 10	100 < 0.5	< 2	0.17 < 0.5	4	10	9	1.68 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.14	0.14	0.14
79+50N 100+50E	201 202	5 < 0.2	2.89	60 < 10	110 < 0.5	< 2	0.14 < 0.5	5	9	15	1.73 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.14	0.14	0.14
79+50N 100+75E	201 202	25 < 0.4	3.19	122 < 10	120 < 0.5	< 2	0.68 < 0.5	7	14	62	2.05 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.17	0.17	0.17
79+75N 100+00E	201 202	30 < 0.2	2.11	178 < 10	220 < 0.5	< 2	0.34 < 0.5	6	7	25	1.62 < 10	< 1	0.12	< 10	< 1	0.12	< 10	0.23	0.23	0.23
80+00N 100+25E	201 202	20 < 0.2	2.04	44 < 10	190 < 0.5	< 2	0.24 < 0.5	5	10	13	1.55 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.16	0.16	0.16
80+00N 100+50E	201 202	< 5 < 0.2	2.61	80 < 10	100 < 0.5	< 2	0.14 < 0.5	6	10	7	1.81 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.13	0.13	0.13
80+00N 100+70E	201 202	< 5 < 0.2	2.60	60 < 10	120 < 0.5	< 2	0.27 < 0.5	7	14	13	2.16 < 10	< 1	0.07	< 10	< 1	0.07	< 10	0.22	0.22	0.22
79N 100+50E	201 202	5 < 0.4	2.82	132 < 10	60 < 0.5	< 2	0.48 < 0.5	5	9	21	1.63 < 10	< 1	0.04	< 10	< 1	0.04	< 10	0.14	0.14	0.14
87+50N 102+00E	201 202	5 < 0.2	2.53	16 < 10	180 < 0.5	< 2	0.46 < 0.5	8	15	176	2.16 < 10	< 1	0.08	< 10	< 1	0.08	< 10	0.31	0.31	0.31
87+50N 102+25E	201 202	< 5 < 0.2	1.91	30 < 10	100 < 0.5	< 2	0.29 < 0.5	7	12	20	2.04 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.27	0.27	0.27
87+50N 102+50E	201 202	100 < 0.2	3.16	112 < 10	100 < 0.5	< 2	0.38 < 0.5	19	16	130	3.21 < 10	< 1	0.11	< 10	< 1	0.11	< 10	0.47	0.47	0.47
87+50N 102+075E	201 202	60 < 0.2	2.58	86 < 10	130 < 0.5	< 2	0.34 < 0.5	12	10	77	2.18 < 10	< 1	0.10	< 10	< 1	0.10	< 10	0.27	0.27	0.27
87+50N 103+00E	201 202	5 < 0.2	3.38	38 < 10	80 < 0.5	< 2	0.14 < 0.5	6	8	20	1.66 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.12	0.12	0.12
87+75N 102+00E	201 202	< 5 < 0.2	2.20	80 < 10	90 < 0.5	< 2	0.18 < 0.5	6	11	37	1.68 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.21	0.21	0.21
94N 100+50E	201 202	10 < 0.2	3.12	36 < 10	110 < 0.5	< 2	0.20 < 0.5	9	10	41	1.99 < 10	< 1	0.08	< 10	< 1	0.08	< 10	0.21	0.21	0.21
96+50N 101+00E	201 202	10 < 0.2	2.68	24 < 10	180 < 0.5	< 2	0.29 < 0.5	23	10	62	3.79 < 10	< 1	0.09	< 10	< 1	0.09	< 10	0.38	0.38	0.38
96+50N 101+50E	201 202	15 < 0.2	3.82	28 < 10	140 < 0.5	< 2	0.39 < 0.5	23	13	139	3.59 < 10	< 1	0.05	< 10	< 1	0.05	< 10	0.45	0.45	0.45
96+50N 102+00E	201 202	65 < 0.2	3.22	34 < 10	130 < 0.5	< 2	0.23 < 0.5	15	15	65	3.21 < 10	< 1	0.09	< 10	< 1	0.09	< 10	0.40	0.40	0.40
97N 101+00E	201 202	15 < 0.2	2.48	32 < 10	140 < 0.5	< 2	0.28 < 0.5	14	14	28	3.07 < 10	< 1	0.07	< 10	< 1	0.07	< 10	0.40	0.40	0.40
97N 101+25E	201 202	5 < 0.2	3.07	14 < 10	90 < 0.5	< 2	0.29 < 0.5	15	13	38	2.55 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.35	0.35	0.35
97N 101+50E	201 202	30 < 0.2	2.46	20 < 10	80 < 0.5	< 2	0.48 < 0.5	19	9	94	2.75 < 10	< 1	0.06	< 10	< 1	0.06	< 10	0.39	0.39	0.39
97N 101+75E	201 202	10 < 0.2	2.33	36 < 10	180 < 0.5	< 2	0.37 < 0.5	11	11	40	2.04 < 10	< 1	0.08	< 10	< 1	0.08	< 10	0.30	0.30	0.30

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number :2-B
 Total Pages :3
 Certificate Date: 10-AUG-1999
 Invoice No. :19924464
 P.O. Number :
 Account :CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS	A9924464
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SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
79N 101+075E	201 202	155	1	0.01	9	350	< 2	< 0.01	2	2	26	0.09	< 10	< 10	41	< 10	44
79N 102+50E	201 202	855	1	0.01	8	740	< 2	< 0.01	2	1	26	0.07	< 10	< 10	24	< 10	70
79N 103+00E	201 202	455	< 1	0.01	10	1110	< 2	< 0.01	4	1	16	0.09	< 10	< 10	35	< 10	88
79N 103+50E	201 202	445	1	0.01	17	780	8	< 0.01	2	1	17	0.08	< 10	< 10	34	< 10	80
79N 103+075E	201 202	1080	1	0.01	17	1210	4	0.02	< 2	4	49	0.02	< 10	< 10	41	< 10	116
79N 104+25E	201 202	345	< 1	0.02	7	780	2	< 0.01	< 2	1	16	0.07	< 10	< 10	27	< 10	48
79+50N 102+50E	201 202	350	1	0.02	9	690	< 2	0.01	6	2	29	0.10	< 10	< 10	34	< 10	60
79+50N 103+00E	201 202	1205	< 1	0.01	12	1140	< 2	0.01	< 2	2	14	0.11	< 10	< 10	40	< 10	104
78+50N 100+00E	201 202	170	1	0.03	13	240	< 2	0.01	4	1	26	0.11	< 10	< 10	36	< 10	90
78+50N 100+25E	201 202	1100	< 1	0.03	12	2110	4	0.04	< 2	3	59	0.08	< 10	< 10	46	< 10	212
78+50N 100+50E	201 202	770	< 1	0.03	17	1160	2	0.01	4	1	25	0.09	< 10	< 10	26	< 10	126
78+50N 100+75E	201 202	220	< 1	0.02	19	380	2	0.01	< 2	1	21	0.11	< 10	< 10	33	< 10	66
78+50N 100+100E	201 202	125	1	0.01	16	50	2	< 0.01	2	2	19	0.09	< 10	< 10	31	< 10	174
79N 100+00E	201 202	345	< 1	0.01	10	800	2	< 0.01	2	4	51	0.08	< 10	< 10	65	< 10	92
79N 100+25E	201 202	405	< 1	0.03	9	2050	< 2	0.01	2	3	39	0.09	< 10	< 10	32	< 10	102
79N 100+75E	201 202	230	< 1	0.01	10	730	< 2	< 0.01	2	2	36	0.09	< 10	< 10	40	< 10	68
79N 100+100E	201 202	225	1	0.02	35	270	< 2	0.01	2	3	44	0.10	< 10	< 10	31	< 10	66
79+50N 100+00E	201 202	150	< 1	0.01	9	430	< 2	< 0.01	< 2	2	27	0.07	< 10	< 10	51	< 10	42
79+50N 100+25E	201 202	360	1	0.01	8	790	< 2	< 0.01	< 2	1	20	0.08	< 10	< 10	29	< 10	56
79+50N 100+50E	201 202	480	< 1	0.03	9	1720	< 2	< 0.01	2	1	19	0.10	< 10	< 10	28	< 10	62
79+50N 100+75E	201 202	450	2	0.05	14	260	14	0.03	2	4	61	0.11	< 10	< 10	33	< 10	30
79+75N 100+00E	201 202	390	< 1	0.05	9	1970	< 2	< 0.01	< 2	2	47	0.07	< 10	< 10	25	< 10	92
80+00N 100+25E	201 202	625	< 1	0.03	9	1870	2	0.01	2	1	32	0.08	< 10	< 10	27	< 10	104
80+00N 100+50E	201 202	240	1	0.02	8	630	< 2	0.01	2	1	16	0.10	< 10	< 10	32	< 10	40
80+00N 100+70E	201 202	390	< 1	0.02	10	1610	< 2	0.01	2	2	36	0.10	< 10	< 10	37	< 10	68
79N 100+50E	201 202	120	1	0.05	8	110	< 2	0.01	2	3	52	0.10	< 10	< 10	24	< 10	26
87+50N 102+00E	201 202	1270	< 1	0.01	12	530	8	0.01	2	2	42	0.11	< 10	< 10	39	< 10	100
87+50N 102+25E	201 202	960	< 1	0.02	9	1240	2	0.02	< 2	1	28	0.10	< 10	< 10	35	< 10	100
87+50N 102+50E	201 202	790	< 1	0.01	17	790	4	0.01	2	4	44	0.12	< 10	< 10	50	< 10	160
87+50N 102+075E	201 202	585	< 1	0.03	13	830	2	0.01	2	3	41	0.09	< 10	< 10	33	< 10	94
87+50N 103+00E	201 202	290	< 1	0.03	9	1380	< 2	0.01	< 2	1	19	0.11	< 10	< 10	24	< 10	54
87+75N 102+00E	201 202	450	< 1	0.01	7	1000	2	0.01	< 2	1	20	0.08	< 10	< 10	29	< 10	62
94N 100+50E	201 202	155	< 1	0.03	10	700	< 2	0.01	2	3	32	0.11	< 10	< 10	29	< 10	40
96+50N 101+00E	201 202	2000	< 1	0.01	12	1120	2	0.02	6	3	70	0.11	< 10	< 10	59	< 10	104
96+50N 101+50E	201 202	470	< 1	0.02	13	550	< 2	0.03	6	4	83	0.14	< 10	< 10	65	< 10	52
96+50N 102+00E	201 202	575	< 1	0.01	16	1180	< 2	0.01	6	3	58	0.13	< 10	< 10	60	< 10	100
97N 101+00E	201 202	1715	< 1	0.01	11	1020	2	0.03	6	3	42	0.12	< 10	< 10	64	< 10	92
97N 101+25E	201 202	1330	1	0.01	12	1220	2	0.04	4	3	38	0.11	< 10	< 10	50	< 10	70
97N 101+50E	201 202	970	< 1	0.04	16	600	< 2	0.03	< 2	3	97	0.09	< 10	< 10	50	< 10	46
97N 101+75E	201 202	1230	< 1	0.03	16	510	2	0.01	< 2	2	58	0.09	< 10	< 10	38	< 10	82

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

TO: GALE, R. E.

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CERTIFICATE OF ANALYSIS

A9924464

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Eg ppm	K %	La ppm	Mg %
	FA+AA																				
97N 102+00E	201	202	40	< 0.2	3.12	58	< 10	110	0.5	< 2	0.18	< 0.5	16	13	53	2.68	< 10	< 1	0.07	10	0.34
97N 102+25E	201	202	50	< 0.2	3.49	62	< 10	150	< 0.5	< 2	0.15	< 0.5	11	12	70	2.39	< 10	< 1	0.07	< 10	0.31
97+50N 101+50E	201	202	< 5	< 0.2	2.23	16	< 10	140	0.5	< 2	0.18	< 0.5	8	13	21	2.06	< 10	< 1	0.06	10	0.26
97+50N 102+00E	201	202	10	< 0.2	2.23	24	< 10	220	< 0.5	< 2	0.33	< 0.5	12	11	34	1.96	< 10	< 1	0.10	< 10	0.28
102+50N 100+00E	201	202	260	0.2	3.58	172	< 10	80	0.5	< 2	0.41	0.5	17	21	94	3.64	< 10	< 1	0.10	10	0.54
102+50N 101+00E	201	202	5	< 0.2	2.58	18	< 10	70	0.5	< 2	0.43	1.5	8	19	49	2.21	< 10	< 1	0.06	10	0.40
103N 99+00E	201	202	5	< 0.2	2.70	10	< 10	160	< 0.5	< 2	0.21	< 0.5	7	13	32	2.45	< 10	< 1	0.08	< 10	0.32
103N 99+25E	201	202	30	< 0.2	3.10	54	< 10	230	< 0.5	< 2	0.25	1.5	15	17	83	4.12	< 10	< 1	0.09	10	0.56
103N 99+75E	201	202	5	< 0.2	3.65	44	< 10	200	0.5	< 2	0.17	1.0	10	12	37	2.29	< 10	< 1	0.08	< 10	0.31
103N 100+00E	201	202	20	0.2	3.34	18	< 10	90	0.5	< 2	0.62	< 0.5	13	18	107	3.08	< 10	< 1	0.11	30	0.67
103N 100+025E	201	202	< 5	0.2	3.86	14	< 10	140	0.5	< 2	0.37	< 0.5	21	20	120	3.93	< 10	< 1	0.11	10	0.60
103N 100+075E	201	202	15	0.4	3.63	22	< 10	50	0.5	< 2	0.43	< 0.5	9	20	103	2.30	< 10	< 1	0.07	10	0.33
103N 101+00E	201	202	< 5	0.2	2.55	20	< 10	180	0.5	< 2	0.34	0.5	18	31	51	2.89	< 10	< 1	0.08	< 10	0.71
103+50N 99+00E	201	202	20	< 0.2	3.74	36	< 10	100	0.5	< 2	0.59	< 0.5	13	15	66	3.23	< 10	< 1	0.13	10	0.83
103+50N 100+00E	201	202	5	< 0.2	2.32	12	< 10	90	0.5	< 2	0.20	< 0.5	7	16	19	2.41	< 10	< 1	0.07	10	0.32
108+50E 107+50N	201	202	40	< 0.2	1.98	304	< 10	150	< 0.5	< 2	0.25	< 0.5	9	15	23	2.32	< 10	< 1	0.06	10	0.26
108+50E 107+60N	201	202	10	< 0.2	2.34	94	< 10	120	< 0.5	< 2	0.27	< 0.5	9	18	32	2.46	< 10	< 1	0.06	10	0.31
108+50E 107+70N	201	202	< 5	< 0.2	2.50	24	< 10	150	< 0.5	< 2	0.19	< 0.5	7	12	16	1.99	< 10	< 1	0.07	< 10	0.20
108+50E 107+80N	201	202	5	< 0.2	2.15	8	< 10	70	0.5	< 2	0.26	< 0.5	9	16	42	2.51	< 10	< 1	0.05	10	0.33
108+50E 107+90N	201	202	< 5	< 0.2	1.87	4	< 10	170	< 0.5	< 2	0.23	< 0.5	8	12	24	1.98	< 10	< 1	0.08	< 10	0.22
108+50E 108+00N	201	202	< 5	< 0.2	2.12	6	< 10	100	< 0.5	< 2	0.20	< 0.5	6	12	13	1.84	< 10	< 1	0.04	< 10	0.20
108+50N 109+00E	201	202	< 5	0.2	2.22	8	< 10	80	< 0.5	< 2	0.37	0.5	8	13	16	2.17	< 10	< 1	0.07	< 10	0.21
108+50N 109+50E	201	202	< 5	< 0.2	1.83	2	< 10	140	< 0.5	< 2	0.21	< 0.5	5	11	6	1.51	< 10	1	0.06	< 10	0.14
108+50N 110+00E	201	202	< 5	0.2	2.39	4	< 10	50	< 0.5	< 2	0.28	0.5	5	11	15	1.73	< 10	< 1	0.03	10	0.10
108+75N 109+50E	201	202	< 5	0.2	3.64	10	< 10	90	0.5	< 2	0.43	0.5	6	10	27	1.87	< 10	< 1	0.05	< 10	0.16
109N 109+00E	201	202	< 5	< 0.2	2.92	4	< 10	130	0.5	< 2	0.18	< 0.5	5	9	12	1.72	< 10	< 1	0.07	< 10	0.16
109N 109+75E	201	202	< 5	< 0.2	2.17	2	< 10	120	< 0.5	< 2	0.20	< 0.5	5	13	12	1.81	< 10	< 1	0.05	10	0.20
109N 110+00E	201	202	< 5	< 0.2	1.47	< 2	< 10	80	< 0.5	< 2	0.19	< 0.5	5	15	9	1.85	< 10	< 1	0.04	10	0.17
109+50N 109+00E	201	202	< 5	< 0.2	1.94	< 2	< 10	100	< 0.5	< 2	0.30	< 0.5	4	11	8	1.79	< 10	< 1	0.08	< 10	0.17
109+50N 109+25E	201	202	< 5	0.2	3.06	8	< 10	110	0.5	< 2	0.33	< 0.5	9	14	35	2.23	< 10	< 1	0.08	< 10	0.28
109+50N 109+50EA	201	202	< 5	< 0.2	2.08	10	< 10	150	< 0.5	< 2	0.41	0.5	7	13	22	1.84	< 10	< 1	0.07	< 10	0.26
109+50N 109+50EB	201	202	< 5	< 0.2	2.37	2	< 10	110	0.5	< 2	0.24	< 0.5	6	14	12	1.96	< 10	< 1	0.07	< 10	0.23
109+50N 110+00E	201	202	< 5	< 0.2	1.28	4	< 10	40	< 0.5	< 2	0.34	< 0.5	6	20	23	2.42	< 10	< 1	0.07	10	0.31

CERTIFICATION



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number :3-B
 Total Pages :3
 Certificate Date: 10-AUG-1999
 Invoice No. :19924464
 P.O. Number :
 Account :CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9924464

SAMPLE	PREP		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
97N 102+00E	201	202	875	< 1	0.01	17	690	< 2	0.01	4	3	37	0.12	< 10	< 10	50	< 10	84
97N 102+25E	201	202	250	< 1	0.03	13	690	< 2	< 0.01	< 2	3	37	0.12	< 10	< 10	44	< 10	50
97+50N 101+50E	201	202	455	< 1	0.01	14	330	< 2	< 0.01	2	2	33	0.10	< 10	< 10	40	< 10	54
97+50N 102+00E	201	202	1185	< 1	0.03	17	550	< 2	0.01	2	3	58	0.09	< 10	< 10	39	< 10	70
102+50N 100+00E	201	202	400	< 1	0.01	40	1570	< 2	0.02	2	5	187	0.10	< 10	< 10	54	< 10	292
102+50N 101+00E	201	202	760	< 1	0.03	99	260	< 2	0.01	2	4	30	0.12	< 10	< 10	34	< 10	746
103N 99+00E	201	202	1000	< 1	0.02	23	1080	< 2	0.01	4	3	24	0.11	< 10	< 10	37	< 10	168
103N 99+25E	201	202	2320	1	0.01	41	1030	< 2	0.04	6	4	30	0.11	< 10	< 10	52	< 10	540
103N 99+75E	201	202	1070	< 1	0.03	36	1000	< 2	0.01	2	4	23	0.12	< 10	< 10	32	< 10	538
103N 100+00E	201	202	1165	< 1	0.03	75	330	< 2	0.02	6	8	45	0.14	< 10	< 10	51	< 10	174
103N 100+025E	201	202	1045	4	0.01	58	1390	< 2	0.03	< 2	5	107	0.14	< 10	< 10	58	< 10	112
103N 100+075E	201	202	390	< 1	0.04	79	250	< 2	0.01	2	4	30	0.14	< 10	< 10	35	< 10	244
103N 101+00E	201	202	2370	< 1	0.02	43	1240	6	0.02	2	4	41	0.14	< 10	< 10	55	< 10	318
103+50N 99+00E	201	202	1010	< 1	0.03	84	290	< 2	0.01	4	6	61	0.17	< 10	< 10	51	< 10	148
103+50N 100+00E	201	202	590	< 1	0.01	18	1140	6	0.01	< 2	3	22	0.11	< 10	< 10	43	< 10	100
108+50E 107+50N	201	202	460	1	0.01	24	890	2	0.01	< 2	1	28	0.09	< 10	< 10	39	< 10	100
108+50E 107+60N	201	202	245	< 1	0.01	29	3170	< 2	0.01	2	2	60	0.09	< 10	< 10	42	< 10	62
108+50E 107+70N	201	202	425	< 1	0.02	21	720	< 2	0.01	< 2	1	27	0.11	< 10	< 10	33	< 10	74
108+50E 107+80N	201	202	190	1	0.01	16	490	< 2	< 0.01	< 2	3	28	0.12	< 10	< 10	46	< 10	50
108+50E 107+90N	201	202	745	< 1	0.01	21	600	4	0.01	2	1	31	0.10	< 10	< 10	33	< 10	74
108+50E 108+00N	201	202	410	< 1	0.01	13	520	< 2	< 0.01	< 2	1	21	0.10	< 10	< 10	34	< 10	50
108+50N 109+00E	201	202	785	< 1	0.02	13	1130	8	0.03	< 2	1	39	0.12	< 10	< 10	38	< 10	170
108+50N 109+50E	201	202	580	< 1	0.02	12	2310	2	0.01	< 2	1	28	0.08	< 10	< 10	25	< 10	126
108+50N 110+00E	201	202	125	1	0.03	14	250	< 2	0.01	2	1	25	0.11	< 10	< 10	30	< 10	56
108+75N 109+50E	201	202	430	1	0.04	25	2790	< 2	0.01	4	2	36	0.12	< 10	< 10	28	< 10	194
109N 109+00E	201	202	320	< 1	0.03	15	720	< 2	< 0.01	4	1	25	0.13	< 10	< 10	27	< 10	106
109N 109+75E	201	202	185	1	0.02	10	850	< 2	0.01	< 2	1	22	0.10	< 10	< 10	34	< 10	60
109N 110+00E	201	202	315	< 1	0.01	10	810	< 2	< 0.01	< 2	1	22	0.08	< 10	< 10	36	< 10	52
109+50N 109+00E	201	202	580	< 1	0.01	11	890	< 2	< 0.01	2	1	29	0.10	< 10	< 10	33	< 10	86
109+50N 109+25E	201	202	320	1	0.03	32	2000	< 2	0.01	6	3	38	0.13	< 10	< 10	35	< 10	172
109+50N 109+50EA	201	202	715	< 1	0.02	20	890	6	0.02	< 2	2	38	0.10	< 10	< 10	34	< 10	124
109+50N 109+50EB	201	202	555	1	0.02	16	1180	2	< 0.01	2	1	23	0.10	< 10	< 10	37	< 10	114
109+50N 110+00E	201	202	225	1	0.01	12	540	6	< 0.01	< 2	1	27	0.10	< 10	< 10	51	< 10	52

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number : 3-A
 Total Pages : 3
 Certificate Date: 24-SEP-1999
 Invoice No. : 19928629
 P.O. Number :
 Account : CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9928629

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	FA+AA																				
O1L 10M	201	202	35	< 0.2	1.87	36	< 10	80	0.5	< 2	0.38	< 0.5	7	14	24	2.49	< 10	< 1	0.06	30	0.32
O1L 20M	201	202	10	< 0.2	1.74	24	< 10	70	0.5	< 2	0.31	< 0.5	6	14	20	2.16	< 10	< 1	0.06	20	0.27
O1L 30M	201	202	20	< 0.2	2.43	78	< 10	180	0.5	< 2	0.20	< 0.5	7	12	17	2.05	< 10	< 1	0.08	10	0.25
D-1 60W	201	202	< 5	< 0.2	1.56	4	< 10	80	< 0.5	< 2	0.16	< 0.5	5	12	7	1.71	< 10	< 1	0.04	10	0.15
D-1 70W	201	202	< 5	0.2	2.38	82	< 10	100	< 0.5	< 2	0.23	< 0.5	5	11	9	1.57	< 10	< 1	0.06	10	0.15
D-1 80W	201	202	10	0.2	3.49	12	< 10	100	0.5	< 2	0.16	< 0.5	6	11	9	1.86	< 10	< 1	0.04	< 10	0.13
D-1 70W-10S	201	202	< 5	< 0.2	1.91	6	< 10	100	< 0.5	< 2	0.18	< 0.5	5	12	7	1.64	< 10	< 1	0.05	10	0.15
D-1 70W-10N	201	202	< 5	0.2	2.54	10	< 10	80	< 0.5	< 2	0.16	< 0.5	5	11	7	1.66	< 10	< 1	0.05	10	0.14
NEW 25N 0E	201	202	< 5	0.2	4.12	22	< 10	100	0.5	< 2	0.13	< 0.5	6	8	18	1.83	< 10	< 1	0.04	10	0.14
NEW 25N 10E	201	202	< 5	0.2	3.50	22	< 10	140	< 0.5	< 2	0.15	< 0.5	8	17	13	2.78	10	< 1	0.05	< 10	0.21
NEW 25N 10W	201	202	10	0.2	3.23	78	< 10	80	0.5	< 2	0.09	< 0.5	6	11	23	2.18	< 10	< 1	0.04	10	0.18
NEW 25S 0E	201	202	60	0.4	2.84	46	< 10	100	0.5	< 2	0.11	< 0.5	6	10	30	1.94	< 10	< 1	0.05	< 10	0.18
NEW 25S 10E	201	202	15	0.2	2.97	14	< 10	90	0.5	< 2	0.12	< 0.5	6	13	17	2.10	< 10	< 1	0.05	10	0.23
NEW 25S 10W	201	202	50	0.8	2.67	190	< 10	80	0.5	< 2	0.37	< 0.5	10	23	66	3.97	< 10	< 1	0.05	10	0.84

CERTIFICATION: _____



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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :

Comments: ATTN: R.E. GALE

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Total Pages :3
Certificate Date: 24-SEP-1999
Invoice No. : I9928629
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS

A9928629

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
OIL 10M	201	202	345	4	0.01	7	600	8 < 0.01	< 2	3	44	0.09	< 10	< 10	41	< 10	40	
OIL 20M	201	202	300	3	0.01	7	500	8 < 0.01	< 2	3	34	0.09	< 10	< 10	38	< 10	38	
OIL 30M	201	202	480	1	0.03	10	740	8 < 0.01	< 2	1	32	0.10	< 10	< 10	33	< 10	332	
D-1 60W	201	202	200	1	0.01	8	340	6 < 0.01	< 2	1	22	0.09	< 10	< 10	34	< 10	32	
D-1 70W	201	202	335	< 1	0.03	9	610	6 0.03	< 2	1	26	0.10	< 10	< 10	29	< 10	44	
D-1 80W	201	202	180	1	0.03	11	670	8 0.01	< 2	1	22	0.12	< 10	< 10	33	< 10	36	
D-1 70W-10S	201	202	345	1	0.03	8	790	6 < 0.01	< 2	1	20	0.10	< 10	< 10	31	< 10	44	
D-1 70W-10N	201	202	280	< 1	0.03	8	830	6 < 0.01	< 2	1	16	0.11	< 10	< 10	31	< 10	40	
NEW 25N 0E	201	202	345	< 1	0.04	13	870	8 < 0.01	< 2	3	15	0.14	< 10	< 10	28	< 10	68	
NEW 25N 10E	201	202	585	1	0.03	17	1460	6 0.01	< 2	1	14	0.15	< 10	< 10	53	< 10	214	
NEW 25N 10W	201	202	245	< 1	0.02	16	760	8 0.01	< 2	3	10	0.12	< 10	< 10	35	< 10	64	
NEW 25S 0E	201	202	350	1	0.02	14	700	8 < 0.01	< 2	2	14	0.10	< 10	< 10	28	< 10	72	
NEW 25S 10E	201	202	295	< 1	0.01	11	730	8 < 0.01	< 2	3	14	0.11	< 10	< 10	35	< 10	62	
NEW 25S 10W	201	202	385	4	0.01	34	430	10 0.01	< 2	5	24	0.10	< 10	< 10	49	< 10	102	

CERTIFICATION: _____



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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
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V7S 2X7

Project:
Comments: ATTN: R.E. GALE

Page Number : 1-A
Total Pages : 3
Certificate Date: 24-SEP-1999
Invoice No. : I9928629
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS A9928629

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
ON 225E	201 202	60	0.2	2.22	58	< 10	200	< 0.5	< 2	0.20	< 0.5	7	13	33	2.57	< 10	< 1	0.05	< 10	0.20
ON 250E	201 202	< 5	0.4	2.72	12	< 10	150	0.5	< 2	0.30	0.5	11	13	21	2.05	< 10	< 1	0.05	10	0.19
ON 275E	201 202	< 5	0.2	3.21	8	< 10	80	< 0.5	< 2	0.27	< 0.5	10	17	48	2.91	< 10	< 1	0.07	10	0.42
ON 300E	201 202	< 5	< 0.2	1.87	8	< 10	160	< 0.5	< 2	0.23	< 0.5	7	13	22	1.90	< 10	< 1	0.07	< 10	0.20
ON 325E	201 202	< 5	0.2	2.47	6	< 10	100	< 0.5	< 2	0.15	< 0.5	5	11	13	1.65	< 10	< 1	0.05	< 10	0.14
ON 350E	201 202	< 5	0.2	2.97	4	< 10	100	0.5	< 2	0.20	< 0.5	8	17	31	2.53	< 10	< 1	0.05	10	0.28
ON 375E	201 202	< 5	0.2	2.97	2	< 10	90	0.5	< 2	0.20	< 0.5	7	15	35	2.38	< 10	< 1	0.05	10	0.22
ON 400E	201 202	< 5	0.2	2.26	4	< 10	80	0.5	< 2	0.25	< 0.5	6	13	21	1.98	< 10	< 1	0.06	< 10	0.21
SON 2+00E	201 202	< 5	0.2	3.13	14	< 10	90	< 0.5	< 2	0.13	< 0.5	7	12	32	2.31	< 10	< 1	0.05	< 10	0.19
SON 2+25E	201 202	205	1.4	3.32	174	< 10	100	< 0.5	10	0.10	< 0.5	7	12	172	6.85	< 10	< 1	0.06	< 10	0.22
SON 2+50E	201 202	< 5	0.2	2.08	26	< 10	150	< 0.5	< 2	0.18	< 0.5	10	13	37	2.75	< 10	< 1	0.06	< 10	0.21
0+50N 2+75E	201 202	< 5	< 0.2	2.79	14	< 10	100	< 0.5	< 2	0.22	< 0.5	8	13	26	2.19	< 10	< 1	0.07	< 10	0.23
0+50N 3+25E	201 202	5	0.2	3.06	16	< 10	150	< 0.5	< 2	0.29	< 0.5	8	14	66	3.84	< 10	< 1	0.09	< 10	0.35
0+50N 3+50E	201 202	< 5	< 0.2	1.82	6	< 10	70	< 0.5	< 2	0.19	< 0.5	7	12	13	1.91	< 10	< 1	0.05	< 10	0.21
0+50N 3+75E	201 202	< 5	0.2	2.14	2	< 10	90	< 0.5	< 2	0.21	< 0.5	6	16	14	2.18	< 10	< 1	0.08	< 10	0.22
0+50N 4+00E	201 202	< 5	0.2	1.78	2	< 10	100	< 0.5	< 2	0.22	< 0.5	5	14	18	1.89	< 10	< 1	0.05	10	0.17
100N 3+25E	201 202	< 5	0.2	3.05	12	< 10	100	0.5	< 2	0.26	< 0.5	10	14	54	2.44	< 10	< 1	0.07	10	0.30
100N 3+50E	201 202	< 5	0.2	1.59	10	< 10	100	< 0.5	< 2	0.30	< 0.5	6	14	25	1.67	< 10	< 1	0.06	< 10	0.20
1+00N 2+00E	201 202	< 5	0.4	3.73	8	< 10	90	0.5	< 2	0.15	< 0.5	8	12	28	1.95	< 10	< 1	0.04	< 10	0.15
1+00N 2+25E	201 202	< 5	0.4	3.09	20	< 10	170	< 0.5	< 2	0.17	< 0.5	12	14	33	2.66	< 10	< 1	0.06	< 10	0.19
1+00N 2+50E	201 202	10	0.6	2.80	30	< 10	30	1.5	< 2	0.41	0.5	7	22	173	1.50	< 10	< 1	0.03	30	0.16
1+50N 2+00E	201 202	< 5	0.2	2.67	12	< 10	120	< 0.5	< 2	0.16	< 0.5	7	13	16	2.13	< 10	< 1	0.05	< 10	0.20
1+50N 2+25E	201 202	70	0.2	1.31	4	< 10	100	< 0.5	< 2	0.48	< 0.5	6	12	18	1.39	< 10	< 1	0.05	< 10	0.17
1+50N 2+50E	201 202	< 5	0.2	2.38	14	< 10	110	< 0.5	< 2	0.17	< 0.5	7	12	32	1.76	< 10	< 1	0.06	< 10	0.17
1+50N 2+75E	201 202	< 5	0.2	2.52	10	< 10	130	0.5	< 2	0.17	< 0.5	8	14	25	1.92	< 10	< 1	0.06	10	0.22
2+00N 2+25E	201 202	< 5	0.2	1.97	10	< 10	120	< 0.5	< 2	0.37	< 0.5	6	16	16	1.99	< 10	< 1	0.05	10	0.22
2+00N 2+50E	201 202	< 5	0.2	2.07	18	< 10	130	< 0.5	< 2	0.38	< 0.5	9	13	66	1.74	< 10	< 1	0.10	< 10	0.24
81+50N 101+50E	201 202	40	1.2	3.02	434	< 10	70	1.0	2	0.45	< 0.5	9	15	369	2.11	< 10	< 1	0.04	40	0.26
81+50N 101+75E	201 202	10	0.2	2.29	180	< 10	70	< 0.5	< 2	0.47	< 0.5	6	11	98	1.76	< 10	< 1	0.05	20	0.20
81+50N 102+00E	201 202	10	< 0.2	1.09	36	< 10	60	< 0.5	< 2	0.33	< 0.5	5	15	11	2.04	< 10	< 1	0.09	30	0.27
81+50N 102+25E	201 202	40	0.6	3.44	288	< 10	90	0.5	< 2	1.03	< 0.5	11	13	225	3.00	< 10	< 1	0.05	40	0.30
81+50N 102+50E	201 202	10	< 0.2	2.12	18	< 10	100	< 0.5	< 2	0.25	< 0.5	5	12	10	1.68	< 10	< 1	0.07	10	0.17
81+50N 102+75E	201 202	< 5	< 0.2	2.33	84	< 10	70	< 0.5	< 2	0.40	< 0.5	5	10	9	1.67	< 10	< 1	0.09	< 10	0.15
81+50N 103+00E	201 202	100	< 0.2	1.92	86	< 10	100	< 0.5	< 2	0.16	< 0.5	5	11	13	1.89	< 10	< 1	0.05	10	0.17
81+50N 105+50E	201 202	10	< 0.2	1.96	20	< 10	100	< 0.5	< 2	0.23	< 0.5	5	13	13	1.79	< 10	< 1	0.06	10	0.17
82N 100+37E	201 202	330	0.8	2.46	470	< 10	110	< 0.5	< 2	0.43	< 0.5	14	15	160	2.60	< 10	< 1	0.12	10	0.32
82N 100+75E	201 202	< 5	0.2	2.48	38	< 10	100	< 0.5	< 2	0.18	< 0.5	6	9	20	1.58	< 10	< 1	0.07	< 10	0.15
82N 101+37E	201 202	< 5	0.2	2.24	10	< 10	290	< 0.5	< 2	0.28	< 0.5	6	13	9	1.68	< 10	< 1	0.12	10	0.25
82N 101+75E	201 202	10	0.2	2.10	164	< 10	120	< 0.5	< 2	0.12	< 0.5	6	10	14	1.76	< 10	< 1	0.05	< 10	0.13
82N 102+25E	201 202	< 5	< 0.2	2.01	64	< 10	80	< 0.5	< 2	0.15	< 0.5	4	11	9	1.70	< 10	< 1	0.04	< 10	0.13

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number : 1-B
 Total Pages : 3
 Certificate Date: 24-SEP-1999
 Invoice No. : 19928629
 P.O. Number :
 Account : CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS

A9928629

SAMPLE	PREP		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
ON 215E	201	202	475	1	0.01	10	1130	8	0.01	< 2	1	18	0.09	< 10	< 10	35	< 10	92
ON 250E	201	202	530	1	0.01	10	990	10	0.01	< 2	1	31	0.10	< 10	< 10	33	< 10	92
ON 275E	201	202	265	3	0.02	14	1010	6	0.02	< 2	3	27	0.13	< 10	< 10	47	< 10	86
ON 300E	201	202	745	1	0.02	12	380	6	< 0.01	< 2	1	22	0.09	< 10	< 10	30	< 10	108
ON 325E	201	202	255	2	0.03	9	770	4	< 0.01	< 2	1	13	0.10	< 10	< 10	26	< 10	44
ON 350E	201	202	220	2	0.02	12	720	8	0.01	< 2	3	19	0.12	< 10	< 10	42	< 10	56
ON 375E	201	202	300	1	0.02	14	1500	6	0.01	< 2	2	18	0.11	< 10	< 10	37	< 10	94
ON 400E	201	202	270	2	0.03	11	610	6	0.01	< 2	1	23	0.12	< 10	< 10	34	< 10	116
50N 2+00E	201	202	475	1	0.02	10	1040	8	0.01	< 2	2	12	0.12	< 10	< 10	34	< 10	76
50N 2+25E	201	202	280	4	0.02	7	1910	6	0.08	< 2	2	24	0.10	< 10	< 10	47	< 10	56
50N 2+50E	201	202	865	2	0.02	9	1620	8	0.01	< 2	1	23	0.10	< 10	< 10	35	< 10	192
0+50N 2+75E	201	202	395	1	0.02	13	850	6	0.01	< 2	1	20	0.12	< 10	< 10	33	< 10	70
0+50N 3+25E	201	202	270	3	0.02	10	790	6	0.03	< 2	3	44	0.12	< 10	< 10	45	< 10	56
0+50N 3+50E	201	202	110	3	0.01	7	270	6	< 0.01	< 2	1	20	0.09	< 10	< 10	33	< 10	50
0+50N 3+75E	201	202	390	3	0.02	13	660	8	0.01	< 2	1	21	0.11	< 10	< 10	36	< 10	166
0+50N 4+00E	201	202	200	1	0.01	9	820	8	< 0.01	< 2	2	19	0.09	< 10	< 10	35	< 10	60
100N 3+25E	201	202	300	1	0.02	13	700	6	0.01	< 2	2	38	0.12	< 10	< 10	38	< 10	70
100N 3+50E	201	202	515	1	0.01	12	410	6	< 0.01	< 2	1	36	0.09	< 10	< 10	30	< 10	86
1+00N 2+00E	201	202	360	1	0.02	12	1370	8	0.01	< 2	2	16	0.12	< 10	< 10	33	< 10	66
1+00N 2+25E	201	202	965	1	0.02	12	2960	6	0.01	< 2	1	19	0.11	< 10	< 10	35	< 10	164
1+00N 2+50E	201	202	305	4	0.05	64	240	6	0.01	< 2	2	32	0.10	< 10	< 10	25	< 10	86
1+50N 2+00E	201	202	450	1	0.01	10	980	10	0.01	< 2	1	14	0.12	< 10	< 10	35	< 10	86
1+50N 2+25E	201	202	455	1	0.03	18	580	2	< 0.01	< 2	1	16	0.08	< 10	< 10	27	< 10	222
1+50N 2+50E	201	202	215	1	0.02	24	500	6	< 0.01	< 2	1	17	0.11	< 10	< 10	27	< 10	78
1+50N 2+75E	201	202	400	1	0.01	26	1440	8	< 0.01	< 2	1	24	0.11	< 10	< 10	32	< 10	76
2+00N 2+25E	201	202	555	1	0.01	20	490	6	< 0.01	< 2	1	25	0.10	< 10	< 10	36	< 10	86
2+00N 2+50E	201	202	330	2	0.02	35	230	8	< 0.01	< 2	1	28	0.09	< 10	< 10	29	< 10	92
81+50N 101+50E	201	202	445	3	0.04	51	290	6	0.01	< 2	5	42	0.11	< 10	< 10	28	< 10	38
81+50N 101+75E	201	202	350	1	0.03	12	290	6	0.01	< 2	3	44	0.09	< 10	< 10	27	< 10	38
81+50N 102+00E	201	202	195	2	0.01	5	420	6	< 0.01	< 2	3	30	0.07	< 10	< 10	41	< 10	32
81+50N 102+25E	201	202	160	3	0.04	22	240	4	0.03	< 2	9	85	0.09	< 10	< 10	51	< 10	40
81+50N 102+50E	201	202	260	1	0.02	9	460	6	< 0.01	< 2	1	24	0.09	< 10	< 10	29	< 10	48
81+50N 102+75E	201	202	400	1	0.02	10	480	6	0.01	< 2	1	38	0.10	< 10	< 10	28	< 10	34
81+50N 103+00E	201	202	620	1	0.01	8	1120	6	0.01	< 2	1	18	0.08	< 10	< 10	31	< 10	74
81+50N 105+50E	201	202	280	1	0.02	9	560	6	< 0.01	< 2	1	24	0.10	< 10	< 10	32	< 10	62
82N 100+37E	201	202	510	2	0.03	39	560	10	0.02	< 2	4	49	0.09	< 10	< 10	40	< 10	78
82N 100+75E	201	202	455	1	0.03	12	900	6	0.01	< 2	1	25	0.09	< 10	< 10	25	< 10	74
82N 101+37E	201	202	585	1	0.02	8	1640	4	< 0.01	< 2	2	54	0.06	< 10	< 10	26	< 10	80
82N 101+75E	201	202	825	1	0.01	6	1980	8	0.01	< 2	1	18	0.08	< 10	< 10	27	< 10	102
82N 102+25E	201	202	80	1	0.01	8	90	6	< 0.01	< 2	1	27	0.09	< 10	< 10	29	< 10	20

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

TO: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number : 2-A
 Total Pages : 3
 Certificate Date: 24-SEP-1999
 Invoice No. : I9928629
 P.O. Number :
 Account : CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS **A9928629**

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
82N 104+50E	201 202	10 < 0.2	2.05	94 < 10	60 < 0.5	< 2	0.50 < 0.5	5	12	84	1.71 < 10	< 1	0.03	20	0.14					
82N 104+75E	201 202	20 < 0.2	1.01	112 < 10	40 < 0.5	< 2	0.29 < 0.5	3	13	47	1.51 < 10	< 1	0.04	20	0.19					
82N 105+00E	201 202	15 0.4	2.98	74 < 10	90 0.5	< 2	0.15 < 0.5	5	10	15	1.76 < 10	< 1	0.04	< 10	0.15					
82N 105+25E	201 202	< 5 0.2	2.28	32 < 10	110 0.5	< 2	0.19 < 0.5	5	13	20	1.80 < 10	< 1	0.06	10	0.20					
82N 105+50E	201 202	10 0.4	2.66	58 < 10	160 0.5	< 2	0.47 < 0.5	8	15	54	2.33 < 10	< 1	0.12	20	0.29					
82N 105+75E	201 202	30 0.8	2.73	94 < 10	70 0.5	< 2	0.24 < 0.5	7	11	180	2.04 < 10	< 1	0.07	30	0.24					
82N 106E	201 202	< 5 0.2	2.84	32 < 10	120 0.5	< 2	0.21 < 0.5	6	13	48	2.09 < 10	< 1	0.08	10	0.25					
82+50N105+50E	201 202	10 0.2	2.01	42 < 10	100 < 0.5	< 2	0.34 < 0.5	7	10	49	1.92 < 10	< 1	0.08	10	0.22					
91N 87+00E	201 202	70 < 0.2	1.88	32 < 10	140 < 0.5	< 2	0.25 < 0.5	14	10	32	2.81 < 10	< 1	0.07	< 10	0.22					
104+50N 108+00E	201 202	< 5 0.2	3.03	32 < 10	110 0.5	< 2	0.18 < 0.5	6	9	16	1.79 < 10	< 1	0.06	10	0.20					
106N 108+25E	201 202	< 5 < 0.2	1.66	34 < 10	140 < 0.5	< 2	0.27 < 0.5	8	9	23	2.12 < 10	< 1	0.04	< 10	0.25					
106+50N 107+50E	201 202	45 < 0.2	2.06	190 < 10	80 < 0.5	< 2	0.24 < 0.5	6	11	32	2.25 < 10	< 1	0.06	10	0.20					
106+50N 107+75E	201 202	< 5 < 0.2	2.73	34 < 10	90 < 0.5	< 2	0.29 < 0.5	5	9	13	1.57 < 10	< 1	0.04	< 10	0.16					
106+50N 108+00E	201 202	< 5 0.2	2.56	34 < 10	90 < 0.5	< 2	0.16 < 0.5	5	9	12	1.58 < 10	< 1	0.06	< 10	0.15					
106+50N 108+20E	201 202	20 0.2	3.76	124 < 10	100 0.5	< 2	0.24 1.0	6	6	21	1.70 < 10	< 1	0.06	< 10	0.13					
106+50N 108+75E	201 202	20 0.2	3.57	250 < 10	50 1.0	< 2	0.36 1.5	6	9	29	1.88 < 10	< 1	0.07	30	0.13					
106+50N 109+00E	201 202	85 0.2	2.49	382 < 10	120 < 0.5	< 2	0.20 1.5	10	10	78	4.36 < 10	< 1	0.10	10	0.23					
106+50N 109+25E	201 202	60 < 0.2	2.34	116 < 10	70 0.5	< 2	0.22 1.0	6	11	17	2.10 < 10	< 1	0.06	10	0.20					
106XN 107+40E	201 202	15 0.2	2.97	18 < 10	130 0.5	< 2	0.20 < 0.5	6	10	22	1.83 < 10	< 1	0.05	10	0.16					
106XN 107+75E	201 202	< 5 0.2	2.63	50 < 10	90 < 0.5	< 2	0.21 < 0.5	5	10	12	1.68 < 10	< 1	0.05	< 10	0.15					
106XN 108+00E	201 202	10 0.2	2.89	326 < 10	50 0.5	< 2	0.37 < 0.5	6	14	63	2.24 < 10	< 1	0.04	30	0.23					
106XN 108+25E	201 202	< 5 0.2	2.61	120 < 10	80 < 0.5	< 2	0.28 < 0.5	5	11	12	1.74 < 10	< 1	0.05	10	0.16					
106XN 108+50E	201 202	45 0.2	2.22	72 < 10	100 < 0.5	< 2	0.17 0.5	6	12	13	1.99 < 10	< 1	0.05	10	0.18					
106XN 108+75E	201 202	40 0.2	2.09	90 < 10	120 0.5	< 2	0.27 0.5	8	11	25	2.42 < 10	< 1	0.06	< 10	0.28					
106XN 109+00E	201 202	75 0.2	2.35	106 < 10	90 < 0.5	< 2	0.27 0.5	5	10	10	1.78 < 10	< 1	0.05	< 10	0.17					
107+00N 107+50E	201 202	< 5 0.2	2.52	34 < 10	100 0.5	< 2	0.32 < 0.5	6	11	17	1.96 < 10	< 1	0.07	10	0.23					
107+00N 107+75E	201 202	< 5 < 0.2	1.65	18 < 10	40 0.5	< 2	0.33 < 0.5	5	13	23	1.84 < 10	< 1	0.06	30	0.20					
107+00N 108+00E	201 202	< 5 < 0.2	2.63	32 < 10	80 < 0.5	< 2	0.40 < 0.5	10	7	40	2.59 < 10	< 1	0.09	< 10	0.75					
107+00N 108+25E	201 202	10 0.4	2.11	62 < 10	150 < 0.5	< 2	0.43 2.5	14	13	62	2.71 < 10	< 1	0.13	< 10	0.51					
107+00N 108+50E	201 202	45 0.2	2.37	68 < 10	90 < 0.5	< 2	0.25 0.5	12	13	89	3.20 < 10	< 1	0.06	10	0.38					
107+00N 108+75E	201 202	230 0.2	2.67	468 < 10	140 < 0.5	< 2	0.16 < 0.5	6	7	16	1.68 < 10	< 1	0.07	< 10	0.13					
107+00N 109+00E	201 202	< 5 < 0.2	1.67	92 < 10	70 < 0.5	< 2	0.17 < 0.5	6	12	11	1.95 < 10	< 1	0.04	< 10	0.17					
107+00N 109+25E	201 202	< 5 < 0.2	2.56	356 < 10	40 0.5	< 2	0.27 1.5	5	12	17	1.86 < 10	< 1	0.04	10	0.14					
107+00N 109+50E	201 202	10 < 0.2	2.38	38 < 10	110 < 0.5	< 2	0.27 < 0.5	4	11	8	1.72 < 10	< 1	0.08	< 10	0.17					
107+10N 108+50E	201 202	5 0.2	3.20	10 < 10	70 0.5	< 2	0.25 < 0.5	8	13	37	2.29 < 10	< 1	0.06	10	0.29					
107+20N 108+50E	201 202	20 0.2	3.48	30 < 10	120 0.5	< 2	0.20 < 0.5	13	12	59	3.01 < 10	< 1	0.06	10	0.30					
107+30N 108+50E	201 202	5 0.2	2.63	52 < 10	180 < 0.5	< 2	0.22 < 0.5	11	16	25	2.67 < 10	< 1	0.07	< 10	0.26					
107+40N 108+50E	201 202	30 0.2	3.62	186 < 10	90 0.5	< 2	0.23 < 0.5	11	15	53	2.74 < 10	< 1	0.07	10	0.30					
108E 104+75N	201 202	10 0.2	3.25	52 < 10	130 0.5	< 2	0.19 < 0.5	8	12	22	2.26 < 10	< 1	0.06	10	0.26					
108E 105+00N	201 202	< 5 0.2	3.07	24 < 10	110 0.5	< 2	0.25 < 0.5	6	14	18	2.16 < 10	< 1	0.06	10	0.25					

CERTIFICATION: _____

SOILS PAGE 10



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
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Page Number :2-B
Total Pages :3
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CERTIFICATE OF ANALYSIS

A9928629

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
82N 104+50E	201 202	125	3	0.03	10	270	6	0.01	< 2	3	40	0.08	< 10	< 10	27	< 10	58
82N 104+75E	201 202	105	1	0.01	6	280	2	< 0.01	< 2	3	25	0.08	< 10	< 10	30	< 10	58
82N 105+00E	201 202	530	1	0.01	7	1610	8	0.01	< 2	1	17	0.09	< 10	< 10	27	< 10	74
82N 105+25E	201 202	255	< 1	0.01	9	840	6	< 0.01	< 2	2	20	0.10	< 10	< 10	32	< 10	48
82N 105+50E	201 202	620	2	0.03	9	1170	8	< 0.01	< 2	3	48	0.10	< 10	< 10	40	< 10	70
82N 105+75E	201 202	190	2	0.03	19	400	6	< 0.01	< 2	4	35	0.10	< 10	< 10	29	< 10	72
82N 106E	201 202	345	1	0.02	10	610	8	< 0.01	< 2	2	24	0.10	< 10	< 10	33	< 10	60
82+50N105+50E	201 202	365	1	0.02	8	490	10	0.01	< 2	2	32	0.08	< 10	< 10	31	< 10	76
91N 87+00E	201 202	785	2	0.01	8	1820	8	0.02	< 2	1	36	0.08	< 10	< 10	42	< 10	100
104+50N 108+00E	201 202	335	1	0.03	9	820	6	< 0.01	< 2	3	27	0.10	< 10	< 10	27	< 10	48
106N 108+25E	201 202	1055	1	0.02	9	600	8	0.01	< 2	1	66	0.07	< 10	< 10	31	< 10	56
106+50N 107+50E	201 202	295	3	0.01	9	470	8	0.03	< 2	2	24	0.09	< 10	< 10	30	< 10	72
106+50N 107+75E	201 202	300	3	0.03	7	360	10	< 0.01	< 2	1	22	0.11	< 10	< 10	23	< 10	52
106+50N 108+00E	201 202	235	1	0.02	7	1140	8	< 0.01	< 2	1	18	0.10	< 10	< 10	26	< 10	58
106+50N 108+20E	201 202	375	< 1	0.04	9	1640	6	0.01	< 2	2	31	0.12	< 10	< 10	21	< 10	126
106+50N 108+75E	201 202	185	2	0.04	45	260	8	0.01	< 2	3	24	0.12	< 10	< 10	22	< 10	354
106+50N 109+00E	201 202	225	7	0.03	23	610	8	0.07	< 2	1	43	0.10	< 10	< 10	36	< 10	350
106+50N 109+25E	201 202	270	2	0.03	12	1010	8	< 0.01	< 2	1	26	0.09	< 10	< 10	30	< 10	258
106XN 107+40E	201 202	515	2	0.03	9	810	12	< 0.01	< 2	2	23	0.11	< 10	< 10	29	< 10	54
106XN 107+75E	201 202	345	2	0.03	7	810	4	< 0.01	< 2	1	21	0.10	< 10	< 10	27	< 10	50
106XN 108+00E	201 202	325	4	0.03	13	260	10	< 0.01	< 2	3	30	0.12	< 10	< 10	33	< 10	58
106XN 108+25E	201 202	455	3	0.03	10	730	8	< 0.01	< 2	1	20	0.10	< 10	< 10	26	< 10	100
106XN 108+50E	201 202	380	1	0.02	16	1120	8	< 0.01	< 2	1	19	0.09	< 10	< 10	32	< 10	192
106XN 108+75E	201 202	610	3	0.02	11	1030	8	0.01	< 2	2	83	0.08	< 10	< 10	39	< 10	186
106XN 109+00E	201 202	360	2	0.02	12	1240	8	< 0.01	< 2	1	32	0.09	< 10	< 10	27	< 10	160
107+00N 107+50E	201 202	380	2	0.02	8	710	10	0.01	< 2	2	31	0.10	< 10	< 10	33	< 10	52
107+00N 107+75E	201 202	320	6	0.02	6	250	8	0.01	< 2	3	29	0.09	< 10	< 10	30	< 10	30
107+00N 108+00E	201 202	530	3	0.01	7	280	8	0.01	< 2	3	43	0.06	< 10	< 10	48	< 10	134
107+00N 108+25E	201 202	880	3	0.03	18	480	10	0.01	< 2	3	59	0.06	< 10	< 10	42	< 10	364
107+00N 108+50E	201 202	380	2	0.01	13	570	6	0.02	< 2	3	30	0.09	< 10	< 10	44	< 10	92
107+00N 108+75E	201 202	565	< 1	0.02	9	900	4	< 0.01	< 2	1	26	0.09	< 10	< 10	22	< 10	78
107+00N 109+00E	201 202	315	1	0.01	9	910	6	< 0.01	< 2	1	18	0.08	< 10	< 10	33	< 10	82
107+00N 109+25E	201 202	130	2	0.04	20	230	6	< 0.01	< 2	1	23	0.10	< 10	< 10	25	< 10	614
107+00N 109+50E	201 202	250	1	0.02	12	2240	6	< 0.01	< 2	1	35	0.10	< 10	< 10	27	< 10	122
107+10N 108+50E	201 202	205	1	0.03	10	550	6	< 0.01	< 2	4	27	0.13	< 10	< 10	38	< 10	54
107+20N 108+50E	201 202	385	1	0.01	14	1070	6	0.01	< 2	3	33	0.12	< 10	< 10	42	< 10	80
107+30N 108+50E	201 202	1050	1	0.02	24	1580	8	0.01	< 2	2	27	0.12	< 10	< 10	40	< 10	128
107+40N 108+50E	201 202	195	1	0.01	33	1040	8	0.01	< 2	3	27	0.12	< 10	< 10	39	< 10	78
108E 104+75N	201 202	215	1	0.02	9	1200	8	< 0.01	< 2	3	30	0.12	< 10	< 10	38	< 10	66
108E 105+00N	201 202	230	1	0.02	9	840	10	< 0.01	< 2	3	33	0.12	< 10	< 10	37	< 10	54

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
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Account : CNF

CERTIFICATE OF ANALYSIS

A9921324

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	FA+AA																				
119834M	205	226	< 5	< 0.2	1.74	16	< 10	40	< 0.5	< 2	0.53	< 0.5	8	74	22	2.76	< 10	< 1	0.05	< 10	1.36
119835M	205	226	< 5	0.2	2.72	14	< 10	80	< 0.5	< 2	0.66	< 0.5	13	129	54	3.72	10	< 1	0.46	< 10	1.64
119836M	205	226	< 5	< 0.2	1.30	16	< 10	30	< 0.5	< 2	0.47	< 0.5	6	110	35	3.24	< 10	< 1	0.15	< 10	0.73
119837M	205	226	< 5	0.6	1.66	14	< 10	40	< 0.5	< 2	1.17	< 0.5	7	46	60	2.88	< 10	< 1	0.13	< 10	0.41
119838M	205	226	30	< 0.2	2.27	6	< 10	60	< 0.5	< 2	1.19	< 0.5	6	19	8	3.45	< 10	< 1	0.17	< 10	0.86
119839M	205	226	460	0.2	1.92	12	< 10	40	< 0.5	< 2	1.28	< 0.5	22	16	176	4.49	< 10	< 1	0.13	< 10	0.98
119840M	205	226	20	< 0.2	1.83	6	< 10	60	< 0.5	< 2	1.23	< 0.5	11	30	103	2.43	< 10	< 1	0.14	< 10	0.51
119841M	205	226	15	0.6	1.76	156	< 10	80	< 0.5	< 2	0.48	< 0.5	18	104	252	3.42	< 10	< 1	0.47	< 10	0.99
119842M	205	226	20	0.4	1.86	16	< 10	30	< 0.5	< 2	1.53	< 0.5	20	38	204	4.19	< 10	< 1	0.08	< 10	1.06
119843M	205	226	60	0.2	2.20	514	< 10	70	< 0.5	2	0.44	< 0.5	13	76	131	5.66	10	< 1	0.26	< 10	1.17
119844M	205	226	25	1.2	2.24	70	< 10	40	< 0.5	< 2	1.05	< 0.5	16	51	460	4.54	< 10	< 1	0.15	< 10	0.91
119845M	205	226	< 5	< 0.2	1.07	28	< 10	100	< 0.5	< 2	0.78	< 0.5	16	167	160	3.36	< 10	< 1	0.23	10	0.70

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project: R. E.

107 - 2274 FOLKESTONE WAY
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V7S 2X7

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CERTIFICATE OF ANALYSIS

A9921324

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
119834M	205	226	335	2	0.06	20	450	4	0.05	< 2	8	20	0.18	< 10	< 10	82	< 10	30
119835M	205	226	510	2	0.12	40	450	6	0.45	< 2	14	55	0.26	< 10	< 10	157	< 10	90
119836M	205	226	115	3	0.05	20	510	2	0.13	< 2	4	25	0.25	< 10	< 10	93	< 10	44
119837M	205	226	265	3	0.08	3	870	36	0.70	< 2	1	53	0.13	< 10	< 10	40	< 10	40
119838M	205	226	425	3	0.13	3	890	2	0.01	< 2	5	60	0.17	< 10	< 10	91	< 10	34
119839M	205	226	515	3	0.14	3	860	2	1.06	< 2	8	56	0.21	< 10	< 10	126	< 10	36
119840M	205	226	230	2	0.13	5	900	2	0.20	< 2	3	70	0.20	< 10	< 10	74	< 10	16
119841M	205	226	210	15	0.09	30	390	2	0.69	< 2	9	19	0.15	< 10	< 10	75	< 10	32
119842M	205	226	460	21	0.13	8	1000	2	1.16	< 2	7	98	0.21	< 10	< 10	116	< 10	32
119843M	205	226	445	6	< 0.01	2	840	4	0.12	< 2	2	16	< 0.01	< 10	< 10	37	< 10	34
119844M	205	226	330	4	0.14	4	960	6	1.29	< 2	5	66	0.11	< 10	< 10	65	< 10	58
119845M	205	226	225	8	0.04	42	810	2	0.97	< 2	6	36	0.18	< 10	< 10	55	< 10	30

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Project :
 Comments: ATTN: R.E. GALE

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CERTIFICATE OF ANALYSIS A9924417

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
			FA+AA																		
77N 10460E	205	226	35	1.2	1.32	162	< 10	40	< 0.5	< 2	0.59	< 0.5	6	40	284	3.20	< 10	< 1	0.11	< 10	0.59
77N 10500E	205	226	25	0.2	1.45	166	20	60	< 0.5	< 2	0.50	< 0.5	8	68	116	3.03	< 10	< 1	0.07	< 10	0.87
79N 104+00E	205	226	40	0.6	1.67	22	< 10	60	< 0.5	< 2	0.60	< 0.5	4	59	119	3.01	< 10	< 1	0.14	< 10	0.71
79N 103+025E	205	226	< 5	< 0.2	2.64	24	< 10	70	< 0.5	< 2	2.82	< 0.5	9	25	38	4.36	< 10	< 1	0.15	< 10	1.54
87+50N 102+75E	205	226	< 5	0.4	2.04	10	< 10	80	< 0.5	< 2	1.12	< 0.5	9	46	105	2.97	< 10	< 1	0.10	< 10	0.80
96+60N 101+50E	205	226	230	< 0.2	1.55	4	< 10	40	< 0.5	< 2	1.32	< 0.5	12	20	186	3.04	< 10	< 1	0.09	< 10	0.45
97N 101+00E	205	226	440	0.2	2.77	10	< 10	70	< 0.5	< 2	1.76	< 0.5	11	17	17	2.71	< 10	< 1	0.15	< 10	0.88
97N 101+25E	205	226	105	< 0.2	2.03	8	< 10	50	< 0.5	< 2	1.33	< 0.5	9	28	131	2.67	< 10	< 1	0.09	< 10	0.52
102+50N 99+00E	205	226	< 5	0.2	2.03	12	< 10	390	< 0.5	< 2	0.38	< 0.5	5	80	54	3.09	< 10	< 1	0.86	< 10	1.25
103N 99+05E	205	226	< 5	< 0.2	1.17	12	< 10	180	< 0.5	< 2	0.06	< 0.5	2	125	28	2.13	< 10	< 1	0.47	< 10	0.63
103N 99+50E	205	226	< 5	< 0.2	1.22	18	< 10	290	< 0.5	< 2	0.17	< 0.5	3	78	33	2.84	< 10	< 1	0.27	< 10	0.77
103N 100+050E	205	226	5	< 0.2	1.82	8	< 10	150	< 0.5	< 2	0.56	< 0.5	4	92	62	2.05	< 10	< 1	0.58	< 10	1.16
103NZON 100+070E	205	226	5310	0.2	1.56	16	< 10	120	< 0.5	< 2	0.77	< 0.5	7	88	77	2.52	< 10	< 1	0.40	< 10	1.02
108+80N 108+50E	205	226	< 5	0.8	0.88	14	< 10	< 10	< 0.5	< 2	0.95	< 0.5	33	149	490	8.08	< 10	< 1	0.01	< 10	0.30

CERTIFICATION:



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Project: GALE, R. E.

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CERTIFICATE OF ANALYSIS

A9924417

SAMPLE	PREP		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
77N 10460E	205	226	130	< 1	0.11	5	920	6	0.62	< 2	3	31	0.14	< 10	< 10	59	< 10	20
77N 10500E	205	226	410	1	0.06	21	680	4	0.26	< 2	5	21	0.06	< 10	< 10	60	< 10	40
79N 104+00E	205	226	215	3	0.13	3	800	6	0.16	< 2	3	47	0.10	< 10	< 10	58	< 10	26
79N 103+025E	205	226	785	< 1	0.06	2	840	4	< 0.01	2	8	69	0.03	< 10	< 10	109	< 10	52
87+50N 102+75E	205	226	290	1	0.14	4	970	2	0.36	< 2	2	65	0.11	< 10	< 10	61	< 10	30
96+60N 101+50E	205	226	180	1	0.18	4	1070	< 2	0.70	< 2	3	62	0.22	< 10	< 10	71	< 10	10
97N 101+00E	205	226	435	1	0.27	3	1020	< 2	0.03	< 2	3	118	0.20	< 10	< 10	110	< 10	26
97N 101+25E	205	226	200	1	0.22	3	1010	< 2	0.27	< 2	3	95	0.21	< 10	< 10	73	< 10	14
102+50N 99+00E	205	226	665	1	0.10	16	500	2	0.11	< 2	7	33	0.24	< 10	< 10	86	< 10	34
103N 99+05E	205	226	285	< 1	0.06	14	270	2	0.03	< 2	4	12	0.06	< 10	< 10	47	< 10	64
103N 99+50E	205	226	520	4	0.08	8	740	2	0.05	< 2	6	18	0.07	< 10	< 10	56	< 10	38
103N 100+050E	205	226	315	1	0.12	20	460	< 2	0.17	< 2	6	61	0.20	< 10	< 10	67	< 10	24
103N 100+070E	205	226	465	1	0.08	30	870	< 2	0.20	< 2	5	70	0.18	< 10	< 10	68	< 10	40
108+80N 108+50E	205	226	440	< 1	0.02	30	1270	< 2	4.31	< 2	2	47	0.07	< 10	< 10	24	< 10	14

CERTIFICATION:



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
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 V7S 2X7

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 Account : CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS

A9924418

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	
119846	205	226	1690	1.2	0.73	8560	< 10	50	< 0.5	< 2	0.14	< 0.5	49	32	323	3.95	< 10	< 1	0.13	< 10	0.17	
119847	205	226	135	0.6	1.75	70	< 10	60	< 0.5	< 2	1.10	< 0.5	9	35	164	3.63	< 10	< 1	0.18	< 10	1.06	
119848	205	226	45	< 0.2	1.70	34	< 10	60	< 0.5	< 2	2.36	< 0.5	7	81	60	3.02	< 10	< 1	0.07	< 10	1.08	
119849	205	226	115	0.2	0.57	116	< 10	120	< 0.5	< 2	0.30	< 0.5	6	103	129	2.51	< 10	< 1	0.11	< 10	0.36	
119850	205	226	75	0.2	2.27	54	< 10	100	< 0.5	< 2	0.88	< 0.5	9	28	55	3.63	< 10	< 1	0.16	< 10	1.22	
119851	205	226	20	0.2	1.67	66	< 10	140	< 0.5	< 2	0.84	< 0.5	10	98	121	2.58	< 10	< 1	0.12	< 10	1.04	
119852	205	226	40	0.2	1.75	26	< 10	60	< 0.5	< 2	1.29	< 0.5	8	18	68	3.19	< 10	< 1	0.12	< 10	0.79	
119853	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
119854	205	226	1340	1.4	1.14	74	< 10	10	< 0.5	6	0.19	< 0.5	69	46	363	>15.00	< 10	1	0.17	< 10	0.26	
119855	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
119856	205	226	1030	1.8	0.96	16	< 10	40	< 0.5	< 2	1.05	< 0.5	49	74	1055	8.90	< 10	< 1	0.08	10	0.27	
119857	205	226	20	0.2	1.80	10	< 10	40	< 0.5	< 2	0.90	< 0.5	10	53	149	2.98	< 10	< 1	0.15	< 10	0.59	
119858	205	226	20	< 0.2	2.04	6	< 10	40	< 0.5	< 2	1.26	< 0.5	8	19	43	2.53	< 10	< 1	0.15	< 10	0.69	
119859	205	226	110	< 0.2	2.26	14	< 10	80	< 0.5	< 2	0.97	< 0.5	4	22	9	2.63	< 10	< 1	0.22	< 10	0.83	
119860	205	226	990	0.2	1.40	184	< 10	60	< 0.5	< 2	0.62	< 0.5	7	26	142	3.13	< 10	< 1	0.17	< 10	0.60	
119861	205	226	20	< 0.2	2.19	58	< 10	50	< 0.5	< 2	0.71	< 0.5	6	52	69	3.51	< 10	< 1	0.14	< 10	1.19	
119862	205	226	35	1.0	1.78	70	< 10	50	< 0.5	< 2	0.61	< 0.5	43	90	614	8.42	< 10	< 1	0.08	10	0.78	
119863	205	226	2320	3.8	1.04	8	< 10	30	< 0.5	< 2	0.13	< 0.5	5	194	79	3.24	< 10	< 1	0.07	< 10	0.87	
119864	205	226	15	0.2	2.17	10	< 10	70	< 0.5	< 2	0.85	< 0.5	6	98	93	3.58	< 10	< 1	0.19	< 10	1.02	
119865	205	226	365	4.2	1.32	>10000	< 10	10	< 0.5	< 2	0.39	< 0.5	215	54	1015	>15.00	< 10	5	0.33	< 10	0.33	
119866	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
119867	205	226	30	0.8	2.25	108	< 10	50	< 0.5	< 2	0.44	< 0.5	17	84	318	7.68	< 10	< 1	0.84	< 10	0.88	

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107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
 V7S 2X7

Page Number : -B
 Total Pages : 1
 Certificate Date: 10-AUG-1999
 Invoice No. : 19924418
 P.O. Number :
 Account : CNF

Project :
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9924418

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Au FA	Ag FA	As
	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	g/t	g/t	%
119846	205	226	60	7	0.07	4	150	2	1.14	2	< 1	21	0.07	< 10	< 10	54	< 10	6	-----	-----	-----
119847	205	226	370	1	0.08	9	930	< 2	0.38	< 2	4	35	0.11	< 10	< 10	123	< 10	42	-----	-----	-----
119848	205	226	595	5	0.06	16	920	< 2	0.07	< 2	6	81	0.05	< 10	< 10	101	< 10	34	-----	-----	-----
119849	205	226	250	4	0.03	41	500	2	0.45	< 2	4	17	0.07	< 10	< 10	48	< 10	16	-----	-----	-----
119850	205	226	570	< 1	0.09	3	1020	< 2	0.06	< 2	7	40	0.07	< 10	< 10	109	< 10	50	-----	-----	-----
119851	205	226	450	6	0.03	36	430	4	0.02	< 2	4	40	< 0.01	< 10	< 10	49	< 10	38	-----	-----	-----
119852	205	226	450	< 1	0.12	2	1030	2	0.25	< 2	4	65	0.10	< 10	< 10	84	< 10	42	-----	-----	-----
119853	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.53	3	0.08
119854	205	226	175	< 1	0.01	25	730	< 2	>5.00	< 2	1	80	0.05	< 10	10	16	10	16	-----	-----	-----
119855	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.60	< 3	0.44
119856	205	226	265	3	0.07	39	730	6	3.56	< 2	5	31	0.17	< 10	< 10	48	< 10	36	-----	-----	-----
119857	205	226	135	5	0.16	5	880	< 2	0.58	< 2	1	69	0.12	< 10	< 10	54	< 10	10	-----	-----	-----
119858	205	226	285	1	0.13	3	940	2	0.14	< 2	3	52	0.19	< 10	< 10	85	< 10	16	-----	-----	-----
119859	205	226	300	< 1	0.16	3	990	< 2	0.01	< 2	1	47	0.18	< 10	< 10	76	< 10	22	-----	-----	-----
119860	205	226	205	2	0.10	1	1060	< 2	0.25	< 2	3	45	0.10	< 10	< 10	61	< 10	18	-----	-----	-----
119861	205	226	255	4	0.11	3	1260	2	0.33	< 2	3	65	0.05	< 10	< 10	69	< 10	24	-----	-----	-----
119862	205	226	185	16	0.08	61	980	< 2	3.07	< 2	6	37	0.04	< 10	< 10	75	< 10	28	-----	-----	-----
119863	205	226	180	8	0.03	11	260	2	0.91	< 2	1	10	0.03	< 10	< 10	36	< 10	30	-----	-----	-----
119864	205	226	180	12	0.15	3	770	2	0.96	< 2	1	104	0.08	< 10	< 10	58	< 10	16	-----	-----	-----
119865	205	226	125	< 1	0.03	17	520	< 2	>5.00	10	< 1	39	0.01	< 10	10	22	< 10	58	-----	-----	-----
119866	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.52	4	3.37
119867	205	226	350	< 1	0.07	3	740	2	3.66	< 2	3	39	0.09	< 10	< 10	61	< 10	58	-----	-----	-----

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7


Project :
Comments: ATTN: R.E. GALE

Page Number : 1
Total Pages : 1
Certificate Date: 17-AUG-1999
Invoice No. : 19925753
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS A9925753

SAMPLE	PREP CODE	Co %	Cu %								
119866	244 --	0.010	0.07								

ROCKS PAGE 4

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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By: C. R. E.

107 - 2274 FOLKESTONE WAY
 WEST VANCOUVER, BC
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Page Number : 1-A
 Total Pages : 2
 Certificate Date: 24-SEP-1999
 Invoice No. : I9928631
 P.O. Number :
 Account : CNF

Project:
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS A9928631

SAMPLE	PREP CODE	Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
119868M	205 226	1590	-----	2.0	1.94	>10000	< 10	40	< 0.5	12	0.78	< 0.5	149	94	592	13.80	10	1	0.26	< 10
119869M	205 226	10	-----	0.2	2.70	40	< 10	50	< 0.5	< 2	1.36	< 0.5	6	68	50	2.45	< 10	< 1	0.10	< 10
119870M	205 226	10	-----	0.2	1.87	42	< 10	70	< 0.5	< 2	1.27	< 0.5	12	156	77	3.60	< 10	< 1	0.21	< 10
119871M	205 226	100	-----	< 0.2	2.80	28	< 10	50	< 0.5	< 2	1.19	< 0.5	12	67	95	4.58	< 10	< 1	0.19	< 10
119872M	205 226	>10000	42.19	5.6	0.95	>10000	< 10	< 10	< 0.5	12	0.03	< 0.5	65	86	645	>15.00	10	6	0.11	< 10
119873M	205 226	4460	-----	1.0	2.87	>10000	< 10	80	< 0.5	< 2	0.83	< 0.5	20	70	174	6.47	< 10	< 1	0.32	< 10
119874M	205 226	490	-----	0.8	1.04	1495	< 10	190	< 0.5	2	0.08	< 0.5	< 1	133	73	4.73	< 10	< 1	0.47	< 10
119875M	205 226	375	-----	2.4	0.77	7960	< 10	10	< 0.5	12	0.05	< 0.5	40	56	1040	>15.00	10	1	0.09	< 10
119876M	205 226	95	-----	0.2	1.58	68	< 10	50	< 0.5	< 2	0.13	< 0.5	3	210	91	6.15	< 10	< 1	0.27	< 10
119877M	205 226	>10000	30.24	3.6	0.35	>10000	< 10	< 10	< 0.5	58	0.03	2.5	117	48	186	>15.00	20	11	0.09	< 10
119879M	205 226	285	-----	0.2	2.72	222	< 10	80	< 0.5	< 2	0.75	< 0.5	10	81	82	4.42	< 10	< 1	0.33	< 10
119880M	205 226	145	-----	0.2	1.68	716	< 10	50	< 0.5	4	0.30	< 0.5	7	81	105	4.30	< 10	< 1	0.12	< 10
119882M	205 226	765	-----	0.6	1.36	>10000	< 10	40	< 0.5	2	0.27	< 0.5	19	128	51	6.74	< 10	3	0.32	< 10
119883M	205 226	>10000	23.05	6.2	0.04	>10000	< 10	< 10	< 0.5	78	< 0.01	0.5	515	40	127	>15.00	20	13	0.03	< 10
119884M	205 226	3390	-----	0.6	2.00	7110	< 10	100	< 0.5	2	0.59	< 0.5	35	134	161	5.58	< 10	< 1	0.58	< 10
119885M	205 226	1530	-----	0.8	1.41	>10000	< 10	150	< 0.5	6	0.74	< 0.5	32	126	76	3.64	< 10	< 1	0.32	< 10
119886M	205 226	30	-----	0.2	1.44	60	< 10	180	< 0.5	< 2	1.13	< 0.5	7	142	69	1.85	< 10	< 1	0.26	< 10
119887M	205 226	25	-----	0.2	1.45	152	< 10	80	< 0.5	< 2	2.16	< 0.5	8	123	59	2.19	< 10	< 1	0.17	10
119888M	205 226	5	-----	< 0.2	2.17	12	< 10	210	< 0.5	< 2	0.52	< 0.5	5	141	93	2.94	< 10	< 1	0.69	< 10
119889M	205 226	10	-----	< 0.2	1.73	28	< 10	340	< 0.5	< 2	0.80	< 0.5	8	156	100	2.74	< 10	< 1	0.54	< 10
119890M	205 226	45	-----	< 0.2	1.33	62	< 10	70	< 0.5	< 2	1.22	< 0.5	7	65	72	2.06	< 10	< 1	0.15	20
119891M	205 226	15	-----	< 0.2	2.59	44	< 10	100	< 0.5	< 2	1.34	< 0.5	13	60	84	3.69	< 10	< 1	0.21	< 10
119892M	205 226	10	-----	0.2	2.07	16	< 10	100	< 0.5	< 2	1.22	< 0.5	13	132	118	3.06	< 10	< 1	0.28	< 10
119893M	205 226	10	-----	0.2	2.19	20	< 10	60	< 0.5	< 2	1.22	< 0.5	13	54	160	4.05	< 10	< 1	0.18	< 10
119894M	205 226	195	-----	< 0.2	2.22	12	< 10	60	< 0.5	< 2	1.58	< 0.5	8	106	87	4.24	< 10	< 1	0.14	< 10
119895M	205 226	20	-----	0.2	1.51	10	< 10	60	< 0.5	< 2	2.32	< 0.5	12	94	154	6.10	< 10	< 1	0.08	10
119896M	205 226	55	-----	0.2	1.20	40	< 10	10	< 0.5	< 2	1.53	< 0.5	14	188	114	3.74	< 10	< 1	0.06	10
119898M	205 226	>10000	11.95	1.8	1.65	12	< 10	90	< 0.5	36	0.50	< 0.5	24	80	390	11.80	10	< 1	0.22	< 10
119899M	205 226	975	-----	< 0.2	1.72	6	< 10	40	< 0.5	2	0.64	< 0.5	6	182	96	3.18	< 10	< 1	0.11	< 10
119900M	205 226	170	-----	0.6	2.59	62	< 10	120	< 0.5	< 2	0.65	< 0.5	2	70	98	3.98	< 10	< 1	0.38	< 10
SD 0N-200E	205 226	205	-----	2.0	2.42	40	< 10	80	< 0.5	< 2	0.69	< 0.5	15	149	402	8.53	< 10	< 1	0.25	< 10
SD 10+50N 3+00E	205 226	10	-----	0.2	2.91	16	< 10	70	< 0.5	< 2	1.02	< 0.5	7	74	68	3.08	< 10	< 1	0.18	< 10
SD 50N 335E	205 226	< 5	-----	0.6	2.77	14	< 10	120	< 0.5	< 2	1.13	< 0.5	18	118	99	6.10	< 10	< 1	0.44	< 10
2+00N 2+00E	205 226	< 5	-----	< 0.2	1.30	10	< 10	80	< 0.5	< 2	2.48	< 0.5	6	101	29	2.61	< 10	< 1	0.09	10
2+00N 2+75E	205 226	< 5	-----	< 0.2	1.27	10	< 10	80	< 0.5	< 2	0.97	< 0.5	2	102	48	1.53	< 10	< 1	0.16	10
90+60N 86+75E	205 226	945	-----	0.2	1.19	44	< 10	90	< 0.5	< 2	0.59	< 0.5	4	75	69	1.91	< 10	< 1	0.18	< 10
91+35N 87+25E	205 226	30	-----	< 0.2	2.28	< 2	< 10	70	< 0.5	< 2	1.60	< 0.5	12	39	49	3.22	< 10	< 1	0.24	< 10
105+5N 107+95E	205 226	15	-----	0.2	2.56	24	< 10	80	< 0.5	< 2	0.91	< 0.5	11	91	93	4.30	< 10	< 1	0.20	< 10
106N 108+35E	205 226	10	-----	0.4	1.95	14	< 10	100	< 0.5	2	2.86	0.5	7	119	237	2.43	< 10	< 1	0.23	< 10
106+50N 109+50E	205 226	< 5	-----	< 0.2	2.12	10	< 10	80	< 0.5	< 2	0.43	< 0.5	10	100	56	3.64	< 10	< 1	0.13	< 10

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CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE

Page Number : 1-B
Total Pages : 2
Certificate Date: 24-SEP-1999
Invoice No. : 19928631
P.O. Number :
Account : CNF

CERTIFICATE OF ANALYSIS A9928631

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
119868M	205 226	0.45	105	6	0.10	15	450	< 2	>5.00	8	3	43	0.05	< 10	< 10	32	< 10	26	
119869M	205 226	0.77	205	4	0.22	2	870	< 2	0.35	< 2	3	140	0.11	< 10	< 10	51	< 10	22	
119870M	205 226	0.99	275	5	0.10	37	630	< 2	0.53	< 2	7	63	0.15	< 10	< 10	77	< 10	24	
119871M	205 226	1.33	295	4	0.16	2	1060	< 2	1.36	< 2	6	73	0.13	< 10	< 10	75	< 10	22	
119872M	205 226	0.33	125	10	< 0.01	17	130	< 2	>5.00	20	1	9	0.01	< 10	10	15	< 10	30	
119873M	205 226	0.66	95	3	0.23	6	610	< 2	2.67	8	2	69	0.05	< 10	10	38	< 10	80	
119874M	205 226	0.21	55	6	0.03	< 1	530	< 2	0.55	< 2	2	16	0.09	< 10	< 10	39	< 10	14	
119875M	205 226	0.19	80	14	< 0.01	5	220	< 2	>5.00	2	1	5	0.01	< 10	< 10	14	< 10	8	
119876M	205 226	0.63	90	6	0.01	1	600	< 2	1.36	< 2	3	8	0.06	< 10	< 10	37	< 10	8	
119877M	205 226	0.10	15	7	< 0.01	< 1	180	< 2	>5.00	76	< 1	15	0.01	< 10	10	7	< 10	60	
119879M	205 226	1.08	245	14	0.10	2	960	< 2	0.72	< 2	5	111	0.09	< 10	< 10	59	< 10	24	
119880M	205 226	0.97	125	5	0.08	3	760	< 2	0.66	< 2	3	34	0.09	< 10	< 10	58	< 10	14	
119882M	205 226	0.73	165	5	0.04	10	620	< 2	2.57	18	3	27	0.04	< 10	< 10	20	43	< 10	14
119883M	205 226	0.02	5	2	< 0.01	5	40	6	>5.00	124	< 1	17	< 0.01	< 10	10	< 1	< 10	26	
119884M	205 226	1.14	220	5	0.12	39	580	< 2	1.64	4	6	53	0.15	< 10	< 10	73	< 10	42	
119885M	205 226	0.85	345	4	0.08	31	760	< 2	0.97	4	5	75	0.09	< 10	< 10	65	< 10	48	
119886M	205 226	0.59	450	5	0.10	29	570	< 2	0.20	< 2	6	101	0.19	< 10	< 10	55	< 10	60	
119887M	205 226	1.22	905	3	0.04	34	600	< 2	0.08	< 2	5	85	0.13	< 10	< 10	49	< 10	48	
119888M	205 226	1.47	280	6	0.13	13	400	< 2	0.53	< 2	11	87	0.20	< 10	< 10	71	< 10	22	
119889M	205 226	1.01	275	6	0.12	41	580	< 2	0.67	< 2	8	70	0.18	< 10	< 10	51	< 10	24	
119890M	205 226	0.35	170	4	0.16	8	980	< 2	0.40	< 2	3	62	0.19	< 10	< 10	48	< 10	34	
119891M	205 226	0.86	305	3	0.24	3	950	< 2	0.75	< 2	5	114	0.21	< 10	< 10	85	< 10	32	
119892M	205 226	0.70	200	6	0.27	28	820	< 2	1.07	< 2	4	105	0.20	< 10	< 10	60	< 10	24	
119893M	205 226	0.96	295	4	0.16	3	1020	< 2	0.93	2	7	74	0.20	< 10	< 10	94	< 10	22	
119894M	205 226	1.34	430	3	0.10	4	760	< 2	0.43	< 2	9	86	0.16	< 10	< 10	105	< 10	22	
119895M	205 226	0.45	1085	8	0.11	27	1260	< 2	0.90	< 2	6	89	0.15	< 10	< 10	61	< 10	60	
119896M	205 226	0.23	300	7	0.10	14	1030	< 2	1.07	< 2	1	59	0.13	< 10	< 10	45	< 10	14	
119898M	205 226	0.78	190	7	0.08	2	730	< 2	>5.00	< 2	4	40	0.10	< 10	10	54	< 10	44	
119899M	205 226	0.79	205	7	0.11	1	690	< 2	0.52	< 2	4	53	0.12	< 10	< 10	55	< 10	24	
119900M	205 226	0.79	215	3	0.14	3	800	< 2	0.30	< 2	4	81	0.13	< 10	< 10	58	< 10	30	
SD ON-200E	205 226	0.82	150	5	0.13	6	590	< 2	3.53	< 2	5	105	0.11	< 10	< 10	53	< 10	40	
SD LO+50N 3+00E	205 226	0.95	200	3	0.20	3	880	< 2	0.11	< 2	4	112	0.15	< 10	< 10	61	< 10	26	
SD 50N 335E	205 226	1.14	250	10	0.21	3	730	< 2	0.64	< 2	5	138	0.16	< 10	< 10	82	< 10	28	
2+00N 2+00E	205 226	0.06	470	3	0.07	11	790	< 2	0.02	< 2	3	181	0.15	< 10	< 10	47	< 10	24	
2+00N 2+75E	205 226	0.24	135	5	0.14	10	550	< 2	0.02	< 2	2	88	0.24	< 10	< 10	44	< 10	14	
90+60N 86+75E	205 226	0.38	100	7	0.12	< 1	910	< 2	0.21	< 2	3	60	0.16	< 10	< 10	44	< 10	10	
91+35N 87+25E	205 226	0.77	395	3	0.28	3	890	< 2	0.42	< 2	6	97	0.26	< 10	< 10	117	< 10	24	
105+5N 107+95E	205 226	1.14	150	4	0.16	11	1090	< 2	1.34	< 2	5	67	0.21	< 10	< 10	67	< 10	12	
106N 108+35E	205 226	1.40	555	6	0.03	28	410	< 2	0.15	< 2	5	77	0.07	< 10	< 10	43	< 10	50	
106+50N 109+50E	205 226	1.50	265	3	0.09	51	510	< 2	0.27	< 2	13	25	0.18	< 10	< 10	105	< 10	28	

ROCKS PAGE 5A

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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o: (R.E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project:
Comments: ATTN: R.E. GALE

Numt :
Total Pages :1
Certificate Date: 21-SEP-1999
Invoice No. :I9928632
P.O. Number :
Account :CNF

CERTIFICATE OF ANALYSIS A9928632

SAMPLE	PREP CODE	Au ppb FA+AA	Au FA g/t	Ag g/t	As %	Sb %	Bi %				
119878M	208 226	>10000	47.50	3.3	27.0	-----	-----				
119881M	208 226	9380	-----	2.1	9.66	< 0.01	< 0.001				
119897M	208 226	>10000	14.42	2.1	12.05	< 0.01	0.006				

CERTIFICATION:



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o: () R. E.

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Numt ... -A
 Total Pages : 2
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CERTIFICATE OF ANALYSIS

A9928631

SAMPLE	PREP CODE		Au ppb	Au FA	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
	FA+AA	g/t	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
107+71E 107+42N	205	226	445	-----	1.2	2.02	48	< 10	30	< 0.5	< 2	0.33	< 0.5	46	94	121	10.15	10	< 1	0.24	< 10

CERTIFICATION: _____



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To: GALE, R. E.

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Account :CNF

CERTIFICATE OF ANALYSIS A9928631

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
107+71E 107+42N	205 226	0.88	155	7	0.03	10	620	8	>5.00	< 2	4	36	0.08	< 10	< 10	60	< 10	20

CERTIFICATION: _____

APPENDIX TWO

A REPORT

ON

GROUND MAGNETIC SURVEYING

Rock Creek Area, B.C.
49° 29', 118° 53' W
N.T.S. 82E/07

BY

PETER E. WALCOTT & ASSOCIATES LIMITED

Vancouver, British Columbia

SEPTEMBER 1999

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ACCOMPANYING MAPS

PROFILES OF TOTAL FIELD INTENSITY W-572-1

CONTOURS OF TOTAL FIELD INTENSITY W-572-2

INTRODUCTION.

Between September 1st and 6th, 1999, Peter E. Walcott & Associates Limited undertook a small magnetometer surveying programme on the Ward property, located in the Rock Creek area of British Columbia, for Emjay Enterprises Ltd.

The survey was carried out over 15 east-west flagged "chain and compass lines" established by the survey crew at 50 metre intervals from a similar north-south tie line.

Due to the high magnetic relief the lines could be somewhat crooked even though controlled by backsighting on the flagging.

Measurements of the total intensity of the earth's magnetic field were made at 12.5 metre intervals using a Scintrex Envi magnetometer.

The data after filtering are presented in profile and contour form on plan maps – W-572-1 & 2 - that accompany this report.

The progress of the survey particularly the grid establishment was severely hampered by the windfall occasioned by last winter's heavy snowfall.

PURPOSE.

The purpose of the survey was to define areas of high magnetic relief that could be caused by heavy pyrrhotite mineralization and magnetite associated with gold-bearing mineralization.

SURVEY SPECIFICATIONS.

The magnetic survey was carried out using an Envi precession magnetometer manufactured by Scintrex Ltd. of Metropolitan Toronto, Ontario. The instrument measures variations in the earth's magnetic field intensity to an accuracy of plus or minus one gamma. Corrections for diurnal variations of the earth's field were made by comparison with readings taken at 10 second intervals on a similar Envi base magnetometer.

In all some 8.3 kilometres of line were established, and some 7.5 kilometres of magnetic work undertaken using the above method.

DISCUSSION OF RESULTS.

The magnetic data was filtered to remove isolated spikes caused by near surface mineralization – 4000 gammas plus over 5 metres not uncommon, and in places higher as magnetic gradient too high for magnetometer to read.

The results of the filtering are shown on Maps W-572-1 and 2.

From the profiles on Map W-572-1 it can be seen that the magnetic background is higher in the western part of the grid presumably due to intrusive rocks, and drops off going eastwards over the greenstone and later tuffs.

Above the background a number of magnetic highs and lows are readily discernible, some exhibiting apparent continuity from line to line.

A number of these anomalies have been modeled as shown in the enclosed plates. The results suggest the causative sources to be shallow.

As a result the writer has outlined five areas for further study as shown on Map W-572-1.

The writer has tried to tie in the results of the survey to a previously done survey in 1961 by A.R. Allen P.Eng. Although he cannot read the numbers on the poor copy of the assessment report his number one anomaly would appear to correlate with the strong magnetic response on Line 150N at 450E.

Four mineralized samples from locations shown on Map W-572-1 were tested using a handheld susceptibility meter. The results were as follows:

Sample No. 1 $k = 0.6 \text{ to } 1.1 \times 10^{-6}$ c.g.s. units

Sample No. 2 $k = 0.4 \times 10^{-6}$ c.g.s. units

Sample No. 3 $k = 11.0 \times 10^{-6}$ c.g.s. units

Sample No. 4 $k = 26.0 \times 10^{-6}$ c.g.s. units

Samples 1 and 2 were mostly arsenopyrite while 3 and 4 were laced with pyrrhotite.

SUMMARY, CONCLUSIONS & RECOMMENDATIONS

Between September 1st and 6th, 1999 Peter E. Walcott & Associates Limited undertook a small magnetic programme for Emjay Enterprises Ltd. over part of their Ward property, located in the Rock Creek area of British Columbia.

The magnetic survey as expected located a number of magnetic highs and lows symptomatic of magnetite/pyrrhotite mineralization.

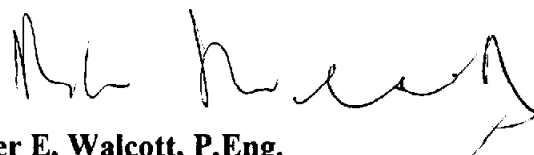
The stronger and more continuous of these have been lumped into five areas suggested for further investigation.

This work should consist of prospecting and mapping, soil sampling and detail magnetic work on 12.5 metre centres, as the writer would expect that irregular bodies of mineralization will occur within these areas.

It should be mentioned here that if the gold is only associated with arsenopyrite magnetic surveys will not delineate these bodies.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LTD.



**Peter E. Walcott, P.Eng.
Geophysicist**

**September 1999
Vancouver, B.C.**

APPENDIX

PERSONNEL EMPLOYED ON SURVEY

<u>Name</u>	<u>Occupation</u>	<u>Address</u>	<u>Dates</u>
Peter E. Walcott	Geophysicist	1526 W. 6 th , Ave. Vancouver, B.C.	Sept. 20 th , 24, 27 th , 1999
Alexander Walcott	Geophysical Operator	"	Sept. 1 st - 3 rd , 6 th , 8 th , 20 th , 27 th , 1999
T. Kocan	Helper	"	Sept 1 st - 4 th , 1999
J. Walcott	Typing		Sept. 27 th , 99

Peter E. Walcott & Associates Limited

Geophysical Services

INVOICE

GST #104 159 298

NO. 4146

Date: September 28, 1999

Terms: On Receipt

To: EMJAY ENTERPRISES LTD.
5353 192nd Street
Surrey, B.C.
VS 8E5

Re: Mag Survey, Rock Creek, Sept. 1st – 6th

1.	Report Writing and Interpretation	\$300.00
2.	GST	<u>\$21.00</u>
		<u>\$321.00</u>

Peter E. Walcott & Associates Limited

Geophysical Services

INVOICE

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Date: September 28, 1999

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To: EMJAY ENTERPRISES LTD.
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VS 8E5

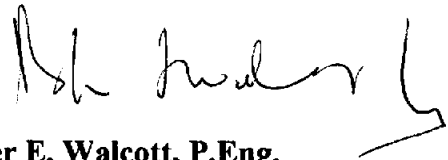
Re: Mag Survey, Rock Creek, Sept. 1st – 6th

1.	Report Writing and Interpretation	\$300.00
2.	GST	<u>\$21.00</u>
		<u>\$321.00</u>

CERTIFICATION

I, Peter E. Walcott of the City of Coquitlam, British Columbia, hereby certify that:

1. I am a graduate of the University of Toronto with a B.A.Sc.,
In Engineering Physics, Geophysics Option.
2. I have been practicing my profession for the past thirty seven
years.
3. I am a member of the Association of Professional Engineers of
British Columbia and Ontario.

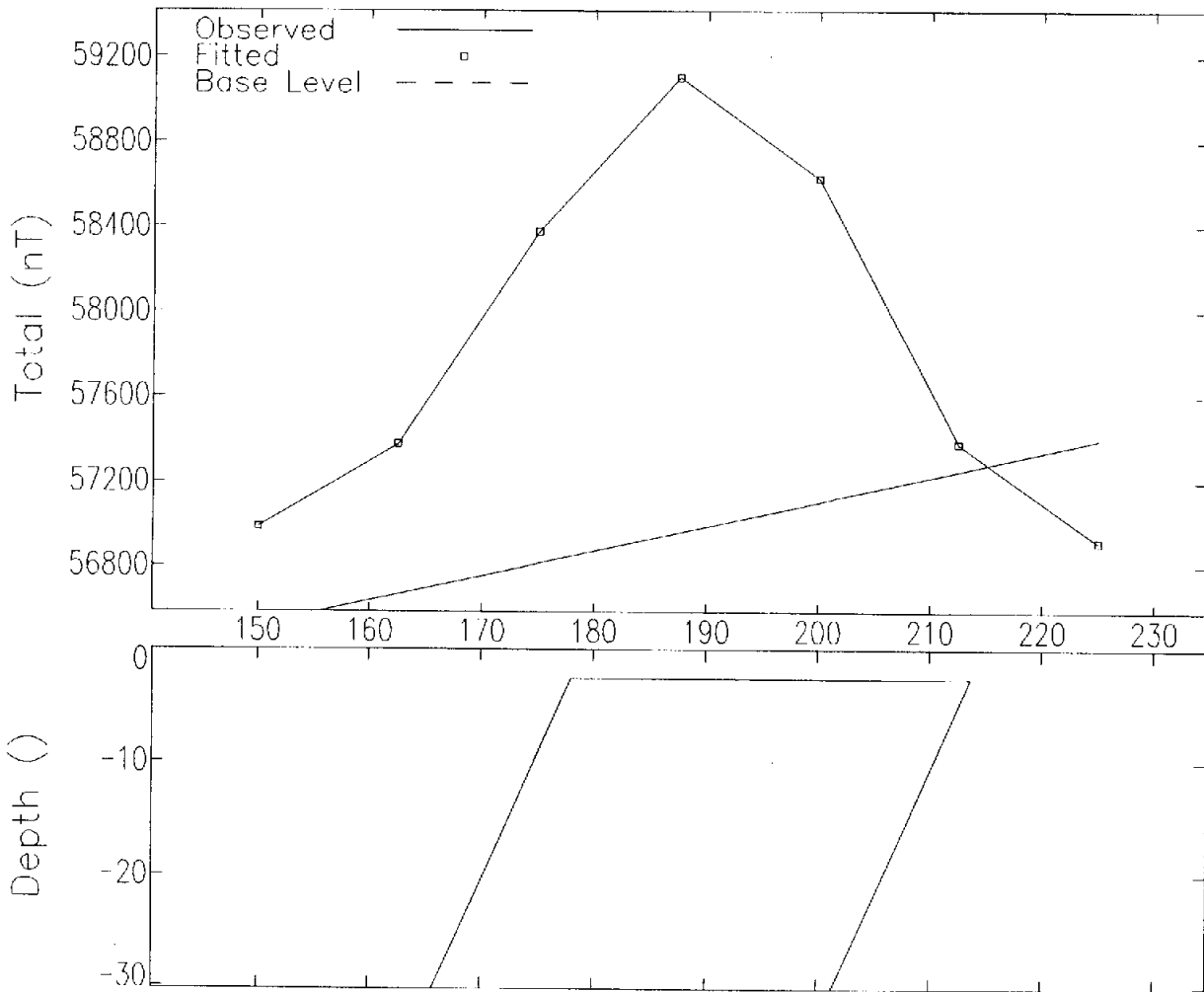
A handwritten signature in black ink, appearing to read 'Peter E. Walcott', with a stylized flourish at the end.

Peter E. Walcott, P.Eng.

**September 1999
Vancouver, B.C.**

EMJAY ENTERPRISES

LINE 0, 200E



MODEL PARAMETERS:

Model Type		Tabular
Depth	F	2.60
Half Width	F	17.8
Dip	F	114 deg
Susceptibility	F	0.00895 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	Γ	195.8365
Cross Position	X	0
Base Level	F	57056.26 nT
Base Slope	F	11.71391 nT/
Base Curvature	X	0 nT/2

(F-fitted, X-fixed, L-limit)

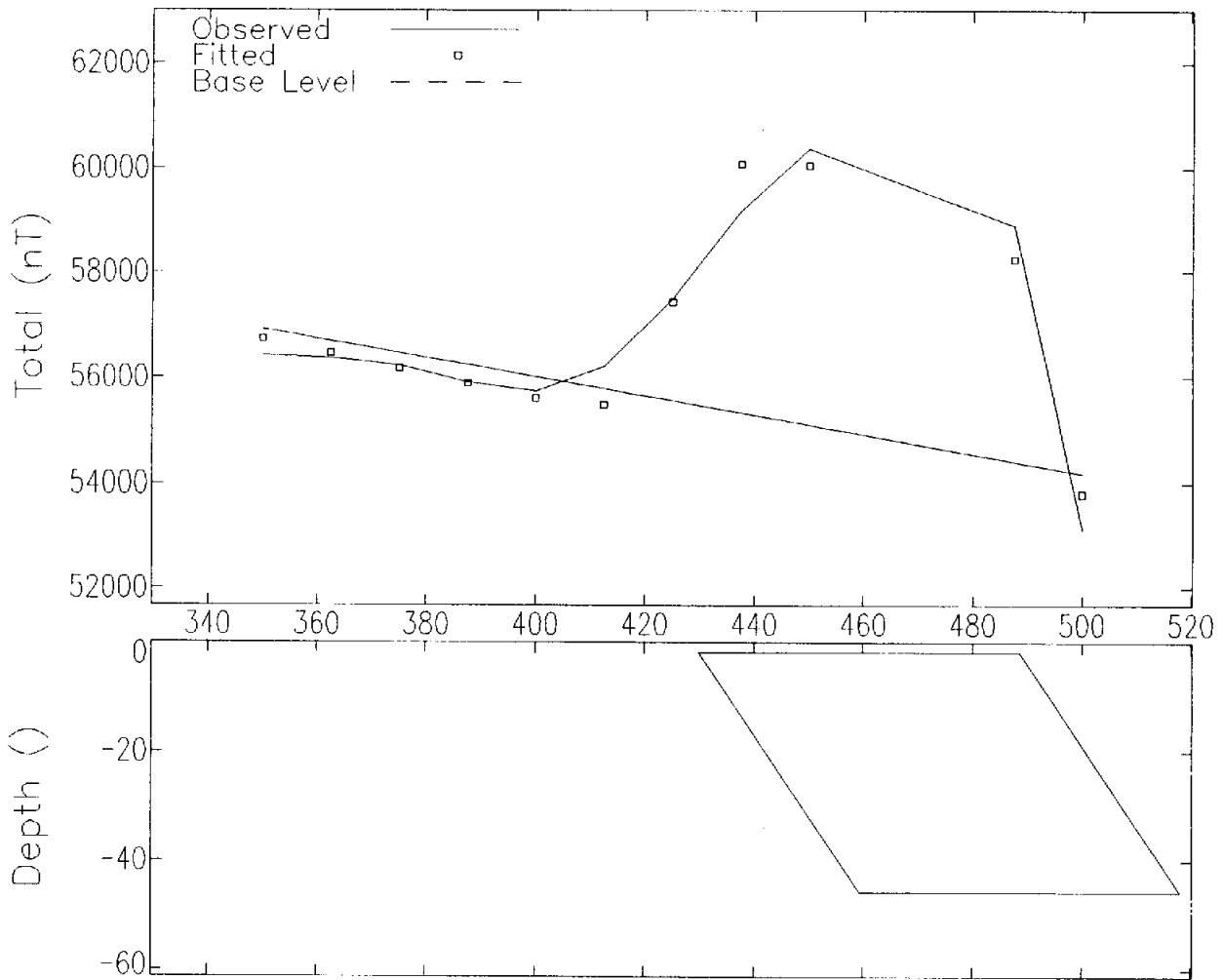
GEOMAGNETIC FIELD:

Field Strength	56500 nT
Inclination	71 deg
Declination	19 deg

COORDINATES:

Sensor Height	2
Strike Perp	90 deg
Line Direction	90 deg
Main Direction	90 deg
Main Offset	
Cross Direction	0 deg
Cross Offset	

EMJAY ENTERPRISES
 LINE 150N, 450E



MODEL PARAMETERS:

Model Type		Tabular2
Depth	L	1.77
Half Width	F	29.3
Half Length	X	75.0
Offset	X	0
Dip	F	56 deg
Thickness	F	43.9
Susceptibility	F	0.0249 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	459.2468
Cross Position	X	150
Base Level	F	54928.6 nT
Base Slope	F	-18.18368 nT/
Base Curvature	X	0 nT/2

(F-fitted, X-fixed, L-limit)

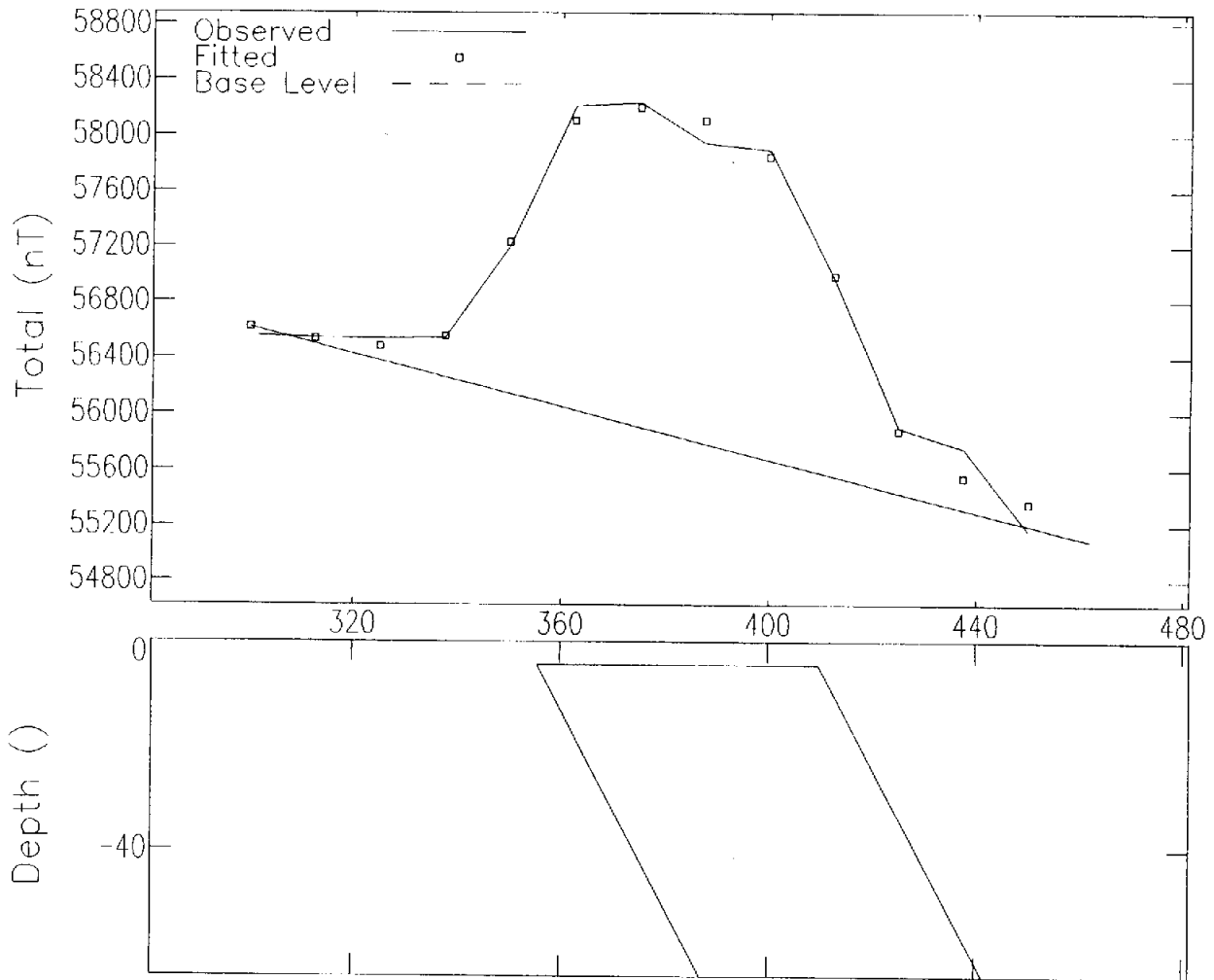
GEOMAGNETIC FIELD:

Field Strength	56500 nT
Inclination	71 deg
Declination	19 deg

COORDINATES:

Sensor Height	2
Strike Perp	60 deg
Line Direction	90 deg
Main Direction	90 deg
Main Offset	
Cross Direction	0 deg
Cross Offset	

EMJAY ENTERPRISES
 LINE 250N, 400E



MODEL PARAMETERS:

Model Type		Tabular2
Depth	F	4.42
Half Width	F	27.1
Half Length	X	75.0
Offset	X	0
Dip	F	62 deg
Thickness	F	931
Susceptibility	F	0.00921 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	382.6538
Cross Position	X	250
Base Level	F	55833.06 nT
Base Slope	F	-9.412962 nT/
Base Curvature	X	0 nT/2

GEOMAGNETIC FIELD:

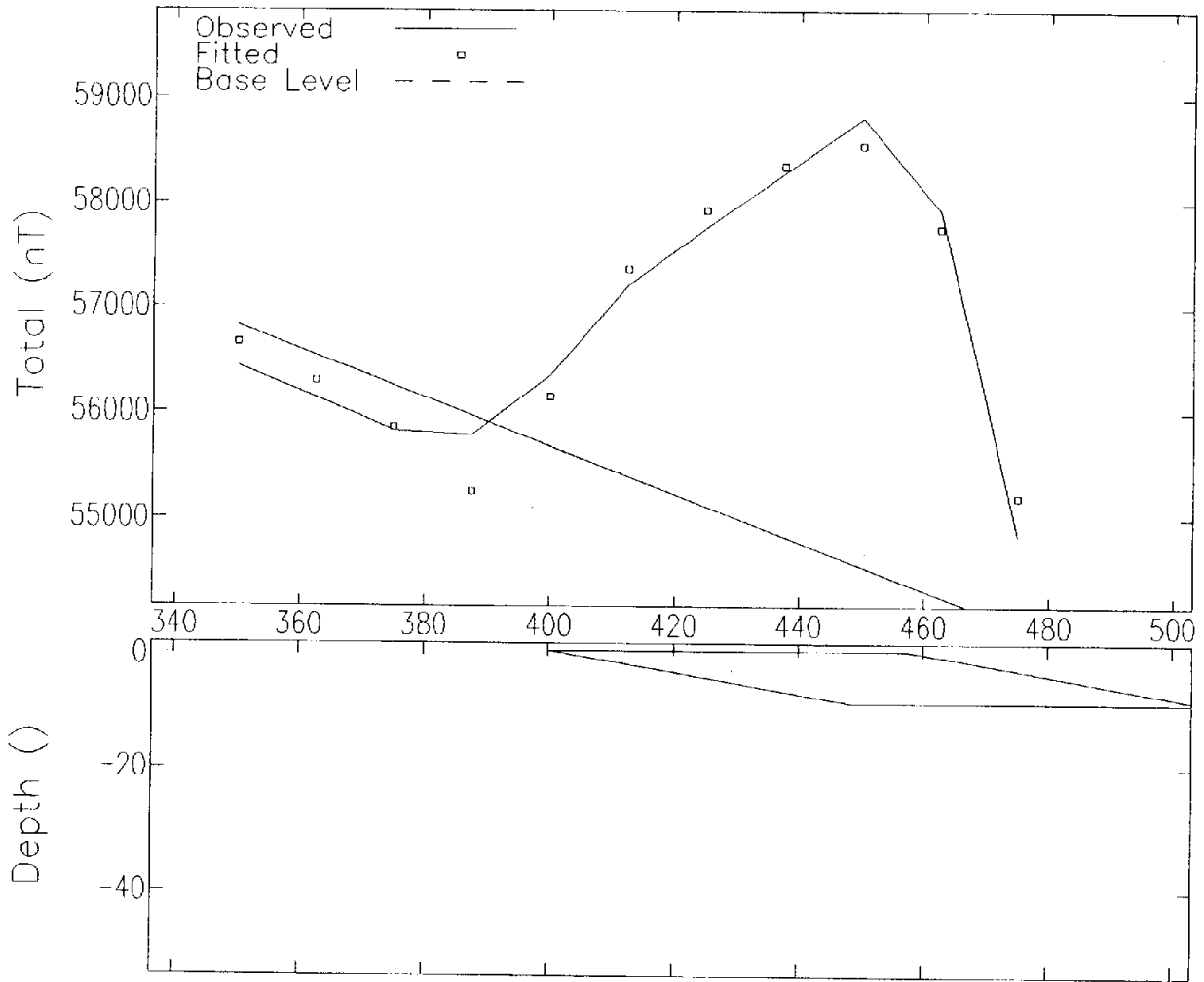
Field Strength	56500 nT
Inclination	71 deg
Declination	19 deg

COORDINATES:

Sensor Height	2
Strike Perp	60 deg
Line Direction	90 deg
Main Direction	90 deg
Main Offset	
Cross Direction	0 deg
Cross Offset	

(F-fitted, X-fixed, L-limit)

EMJAY ENTERPRISES
 LINE 350N, 450E



MODEL PARAMETERS:

Model Type		Tabular2
Depth	L	1.19
Half Width	F	28.7
Half Length	X	50.0
Offset	X	0
Dip	L	10 deg
Thickness	F	8.42
Susceptibility	F	0.0559 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	428.8621
Cross Position	X	350
Base Level	F	55028.48 nT
Base Slope	F	-22.71604 nT/
Base Curvature	X	0 nT/2

GEOMAGNETIC FIELD:

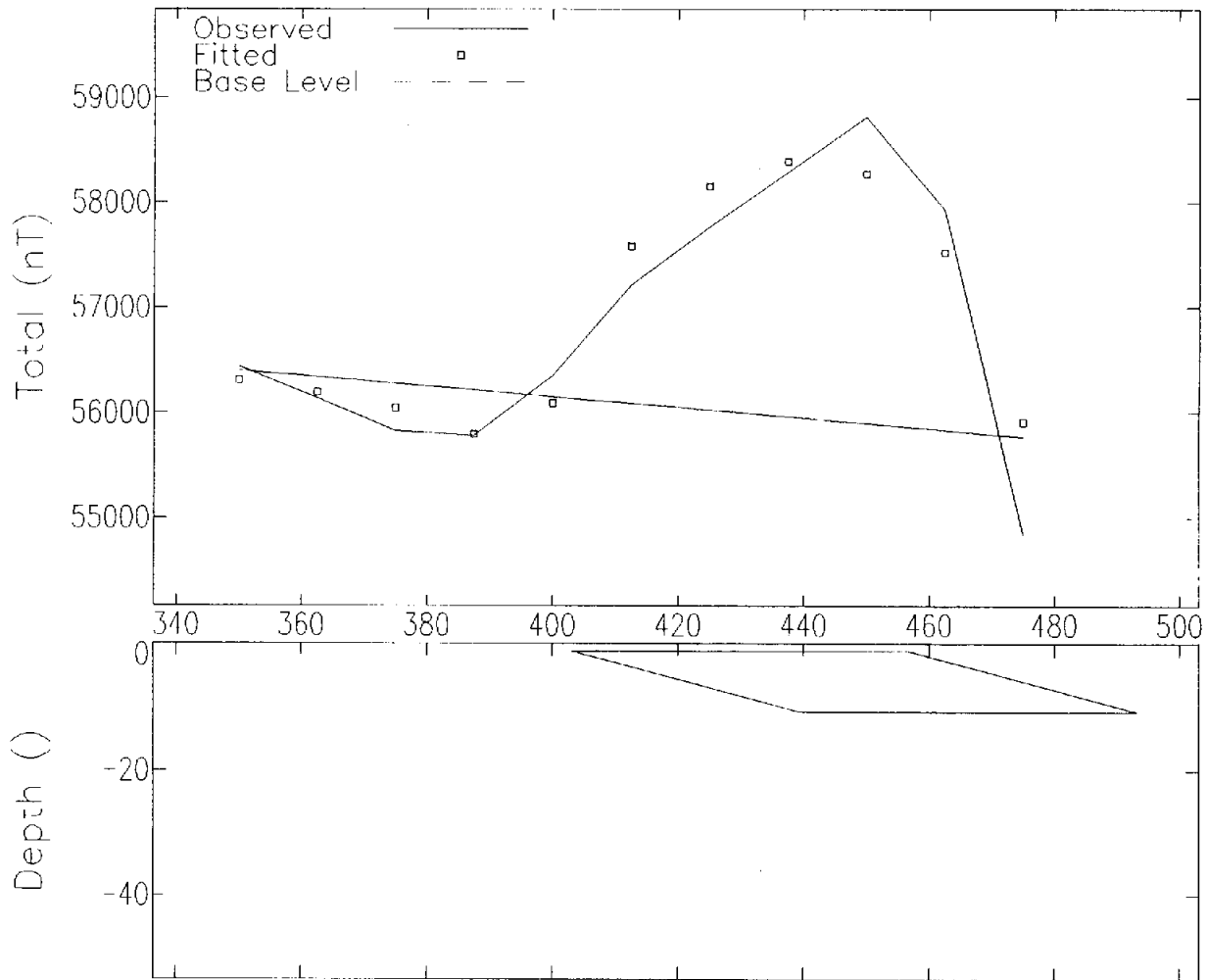
Field Strength	56500 nT
Inclination	71 deg
Declination	19 deg

COORDINATES:

Sensor Height	2
Strike Perp	60 deg
Line Direction	90 deg
Main Direction	90 deg
Main Offset	
Cross Direction	0 deg
Cross Offset	

(F-fitted, X-fixed, L-limit)

EMJAY ENTERPRISES
 LINE 350N, 450E



MODEL PARAMETERS:

Model Type	L	tabular2
Depth	L	1.19
Half Width	F	26.8
Half Length	X	50.0
Offset	X	0
Dip	F	15 deg
Thickness	F	9.54
Susceptibility	F	0.0300 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	429.9984
Cross Position	X	350
Base Level	X	56000 nT
Base Slope	X	-5 nT/
Base Curvature	X	0 nT/2

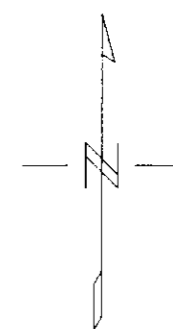
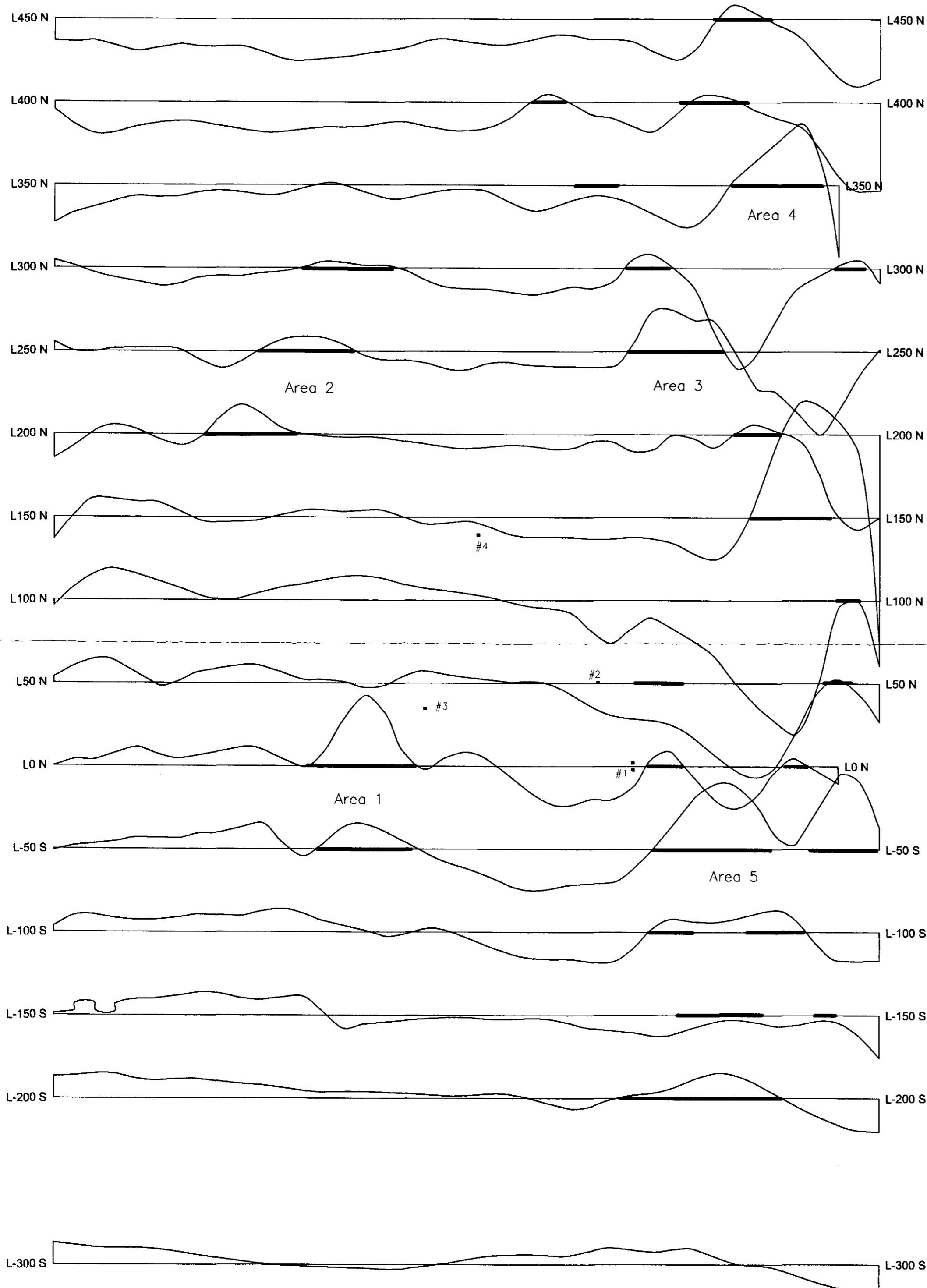
GEOMAGNETIC FIELD:

Field Strength	56500 nT
Inclination	71 deg
Declination	19 deg

COORDINATES:

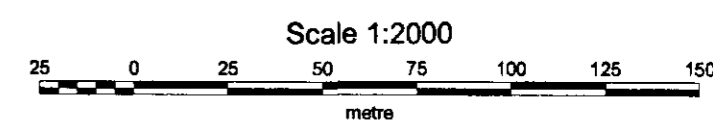
Sensor Height	2
Strike Perp	60 deg
Line Direction	90 deg
Main Direction	90 deg
Main Offset	
Cross Direction	0 deg
Cross Offset	

(F-fitted, X-fixed, L-limit)



GEOLOGICAL SURVEY BRANCH
 DOCUMENT REPORT

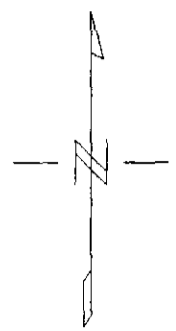
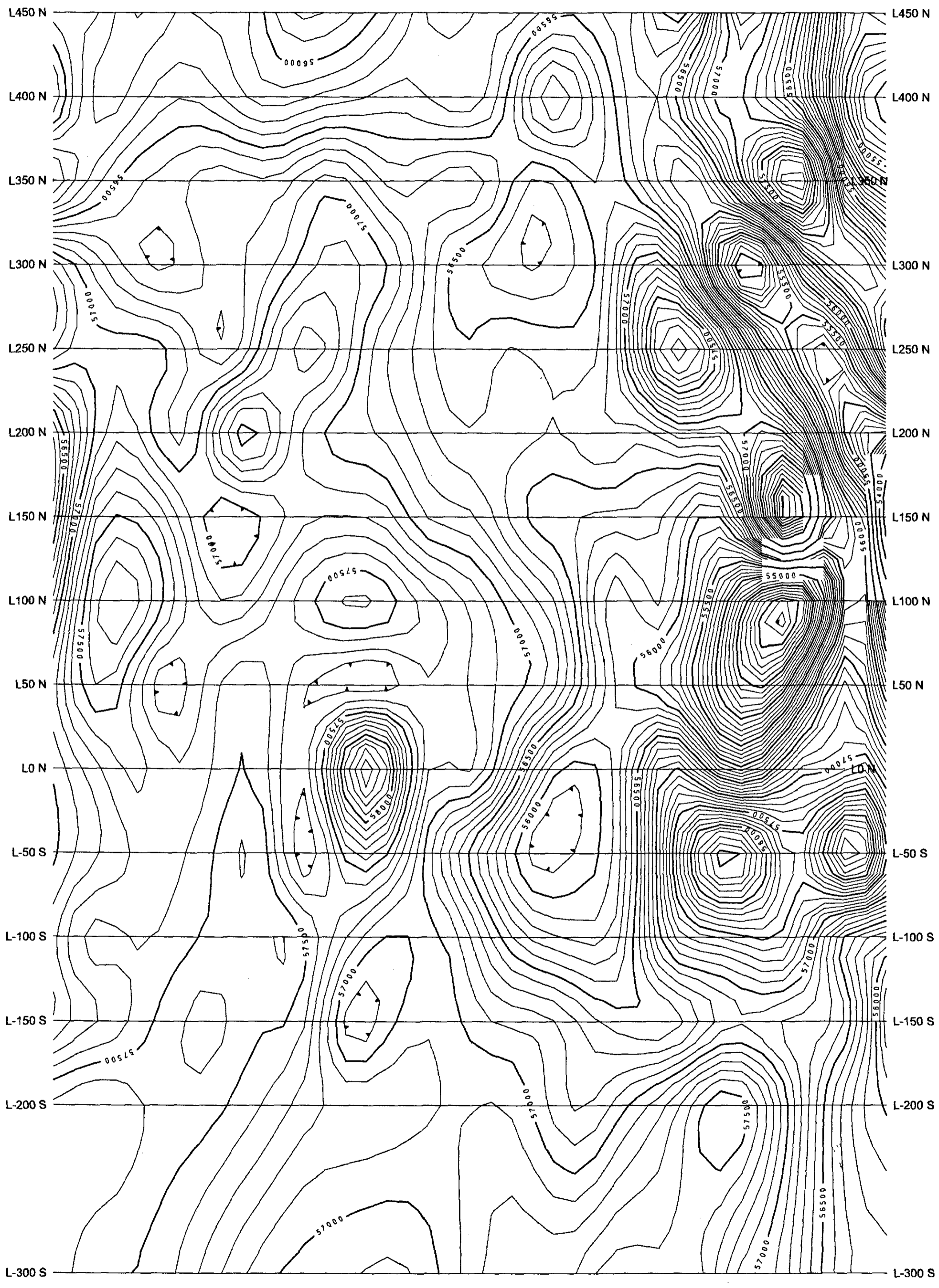
26,043



Profile Base 57000 nT
 1000 nT per cm

- Susceptibility Sample Locations
- Areas For Follow Up

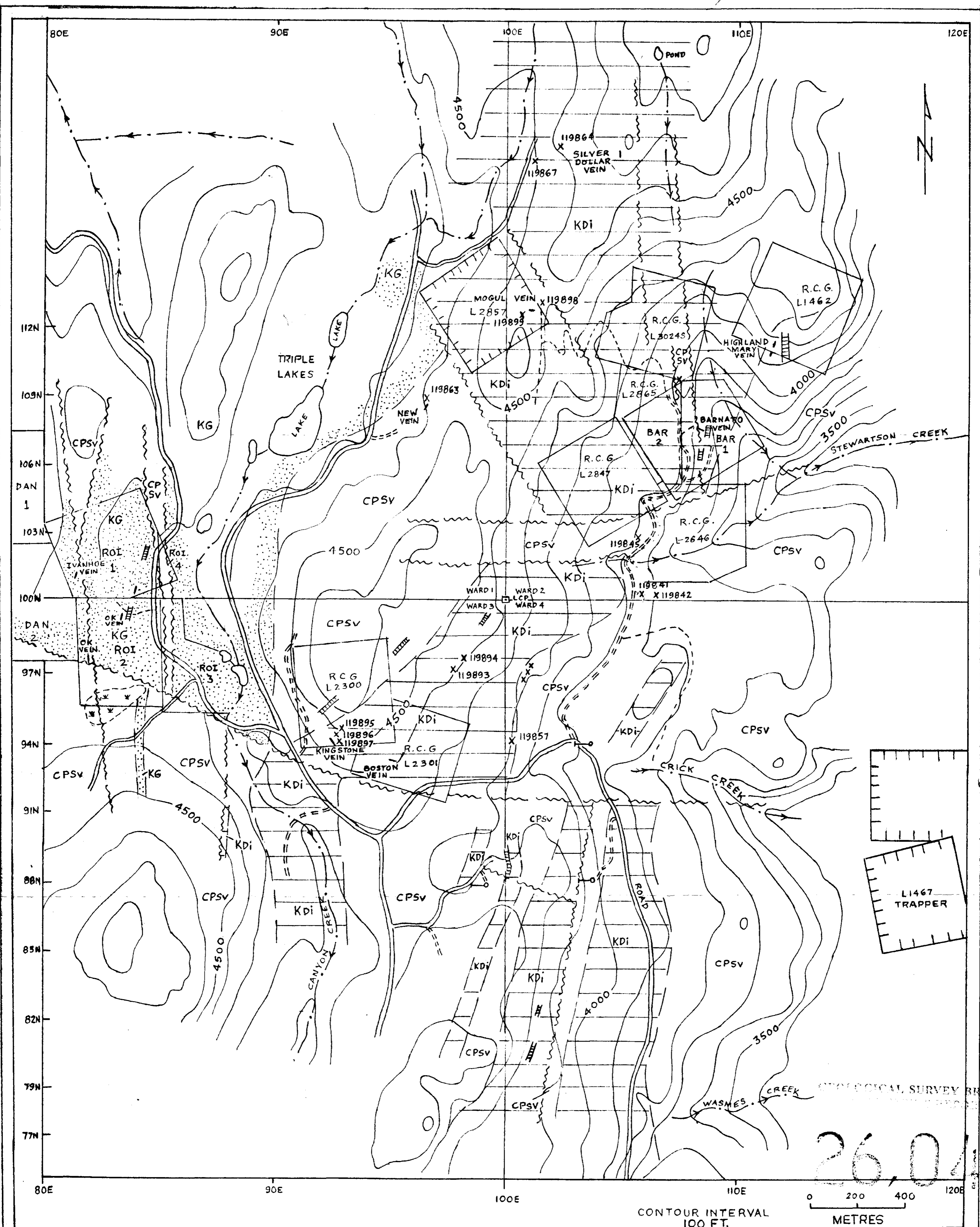
EMJAY ENTERPRISES LTD.
MAGNETIC SURVEY PROFILES OF CORRECTED TOTAL FIELD (IN NANOTESLAS)
WARD PROPERTY, ROCK CREEK AREA GREENWOOD M.D., BRITISH COLUMBIA MAP NO. W-572-1 NTS:82E/07
PETER E. WALCOTT & ASSOCIATES LIMITED



Scale 1:2000
 25 0 25 50 75 100 125 150
 GEOLOGICAL SURVEY BRANCH
 CANADIAN DEPARTMENT OF MINES AND TECHNICAL SURVEYS

26,043

EMJAY ENTERPRISES LTD.
 MAGNETIC SURVEY
 CONTOURS OF CORRECTED TOTAL FIELD
 (IN NANOTESLAS)
 WARD PROPERTY, ROCK CREEK AREA
 GREENWOOD M.D., BRITISH COLUMBIA
 MAP NO. W-572-2 NTS:82E/07
 PETER E. WALCOTT & ASSOCIATES LIMITED



26043

CPSV	ANARCHIST GROUP CARBONIFEROUS - PERMIAN SEDIMENTS-VOLCANICS	TI	TERTIARY ANDESITE PORPHYRY DIKES	TTTT	CLAIM NOT INCLUDED IN PROPERTY
KDi	LATE CRETACEOUS DIORITE - QUARTZ DIORITE INTRUSIONS		POSSIBLE FAULT		DIAMOND DRILLHOLE
KG	EARLY CRETACEOUS GRANITE - GRANODIORITE		INFERRED CONTACT	X	ROCK SAMPLE SITE

RE. GALE & ASSOCIATES

EMJAY ENTERPRISES LTD.			
WARD GROUP PRELIMINARY GEOLOGY			
SCALE 1:10,000	DATE OCT/99	NTS NO. 82E/7W	FIGURE 3

