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**GEOLOGICAL, GEOCHEMICAL  
VLF-EM SURVEY AND TRENCHING REPORT**

**WARD GROUP  
GREENWOOD MINING DIVISION  
BRITISH COLUMBIA**

BY

R.E. GALE, Phd., P.Eng.

R.E. GALE AND ASSOCIATES INC.

N.T.S. 82/E 7W

49° 28' N 118° 53'

UTM 362439E 5481264N

Work Paid For By Emjay Enterprises Ltd.

October 31, 2000

**GEOLOGICAL SURVEY BRANCH  
GEOCHEMISTRY REPORT**

26,369

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## **SUMMARY**

During August through September 2000 geological mapping and sampling, soil geochemical sampling, a VLF-EM survey and trenching program 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 the author during work done in 1999. The most important area, termed the 7900N area on the Ward 4 claim was soil sampled on 25 metre lines over a 1 Km-long area. Mapping and rock sampling in conjunction with backhoe trenching was successful in finding a new significant gold occurrence near line 8100N which warrants diamond drilling to determine its size and extent. The new zone has potential for large low grade gold deposits and higher grade feeder gold veins.

A VLF-EM 16 survey was also completed in the Barnato-Highland Mary vein areas and further mapping and soil sampling was done here. This work has assisted in defining potential drill targets in this area. The best EM conductor is centred near line 10,600N-11,000E in the same area as an IP anomaly noted by Phelps Dodge in their 1995 IP survey

Twenty four trenches were dug with a John Deere rubber-tired backhoe with a 0.5 metre bucket. Any rock exposed was sampled or if bedrock was not reached, a soil sample was taken before filling the trench and reclaiming the area.

In addition the old Mame showing was relocated and sampled. The Mame area shows widespread disseminated pyrite in diorite with spotty gold values and deserves further evaluation.

Based on the results of this year's work a minimum of 6-100 metre drill holes are recommended to test the new gold showing and the Barnato-Highland Mary area geophysical anomalies. Further soil sampling is also warranted in the 7900N area near the new gold showing.

The cost of doing the recommended program is \$125,000.

## (1.0) LOCATION - TOPOGRAPHY

The Ward Group of 106 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 2000 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.

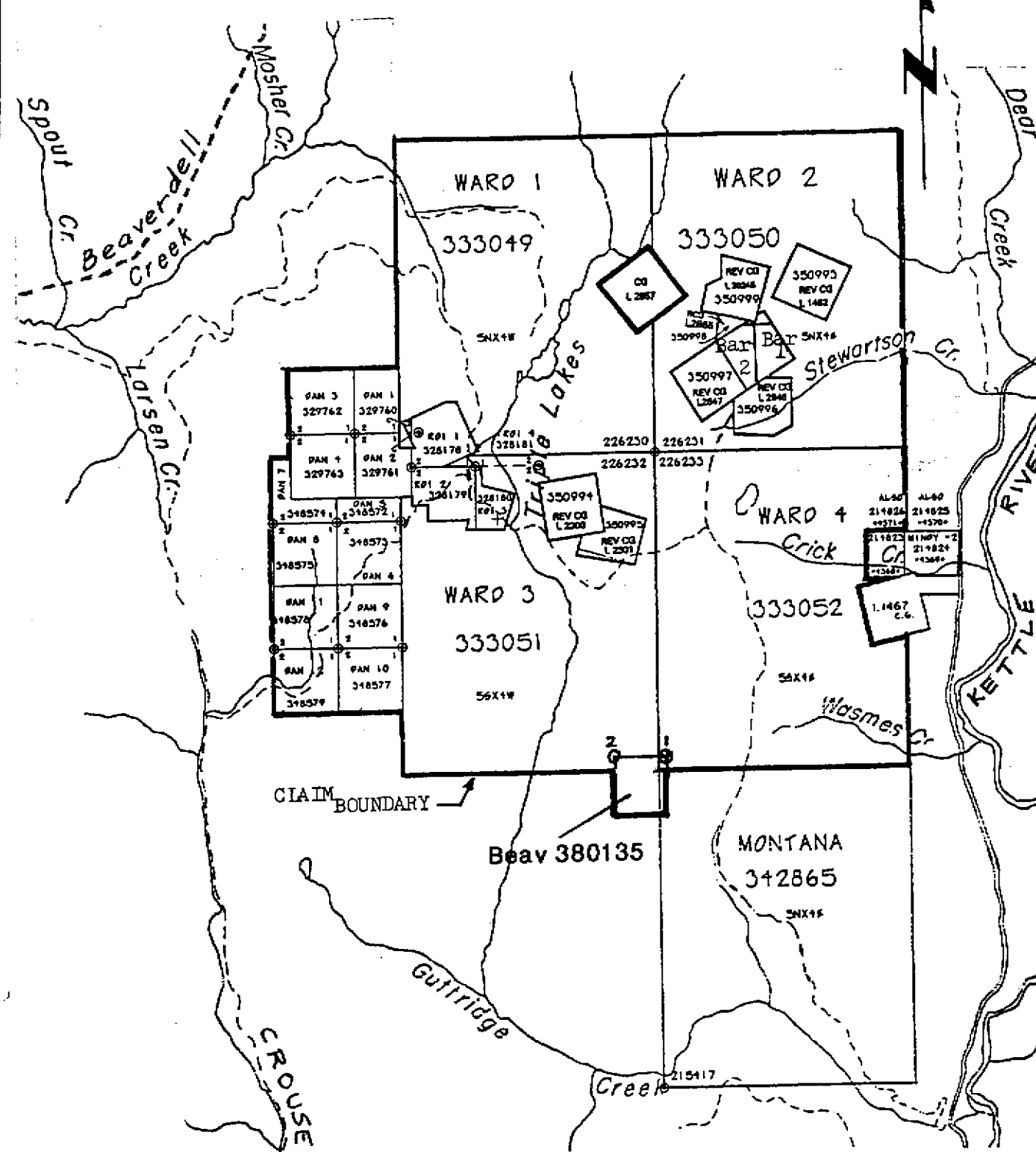
The claims are in the Greenwood Mining Division, NTS 82E/7W. They occupy the plateau area at elevations of 4000 to 4700 feet which lies between the Kettle River valley on the east and Crouse Creek on the west. UTM coordinates for the centre of the claims at the LCPs for the Ward 1,2,3,4 is 362439E, 5481264N.

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 , BEAV 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. Anniversary dates shown below are after credit for the present work.

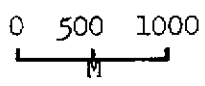
<b>Claim Name</b>	<b>Units</b>	<b>Tenure No.</b>	<b>Anniversary Date</b>
ROI 1-4	4	328178-81	JULY 18, 2004
DAN 1-4	4	329760-63	AUG. 9, 2004
DAN 5-8	4	348572-75	JULY 19, 2003
DAN 9-12	4	348576-79	JULY 20, 2003
BAR 1-2	2	356866-67	JUNE 26, 2005
RCG s	3	350994-96	SEPT 30, 2004
RCGs	2	350998-99	SEPT 30, 2004
RCGs	2	350993&97	SEPT 30, 2005
WARD 1-4	80	330349-52	DEC 8, 2004
BEAV	1	380135	AUG 29,2005



CLAIM BOUNDARY

Beav 380135

MONTANA  
342865



R. E. GALE AND ASSOCIATES INC.

EMJAY ENTERPRISES LTD.			
N.T.S. 82E/7W		LOCATION CLAIMS MAP WARD GROUP	
Scale 1 : 50,000	Date Oct00	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.

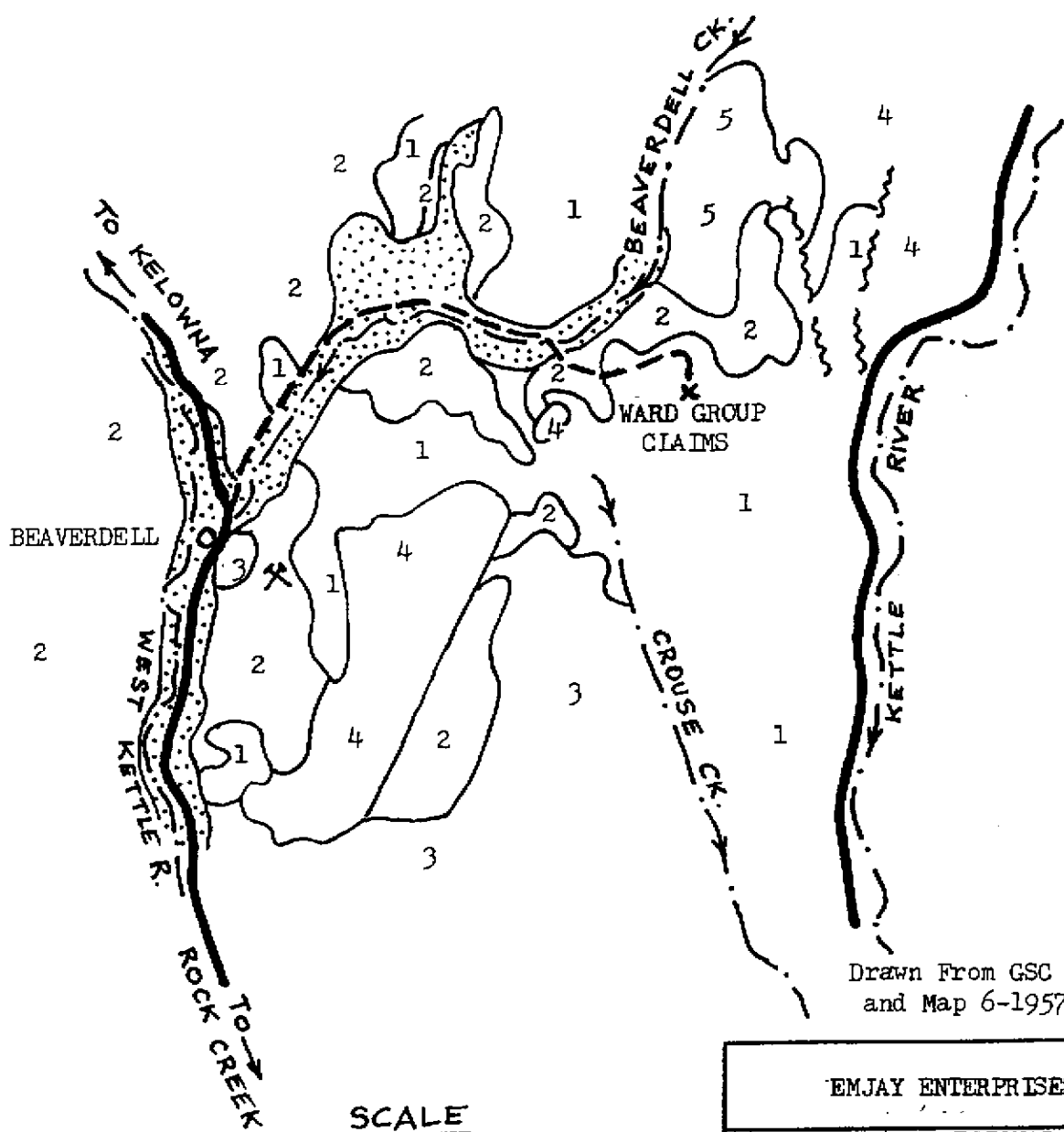
In 1994-95 Phelps Dodge Corporation carried out a program of mapping, sampling, soil geochemistry an induced polarization survey and drilled 3 holes totalling 468.1 metres (Assessment Report 23835 )

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.

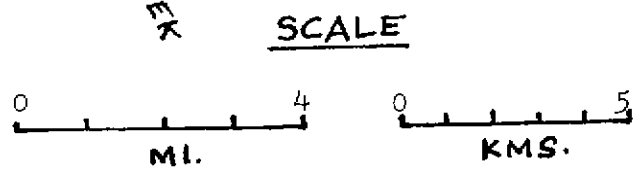
The 1999 program for Emjay included geological mapping and soil sampling and a magnetometer survey of the Silver Dollar showing.

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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EMJAY ENTERPRISES LTD.			
N.T.S. 82E /7W		REGIONAL GEOLOGY AND CLAIM LOCATIONS WARD GROUP	
Scale	Date Oct/00	Approved	File No. Figure 2



mineralization is associated with quartz and quartz-calcite sulphide veins emplaced near contacts between Cretaceous diorite and quartz diorite bodies with the Anarchist rocks. 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 part of the Ward Group covered in this year's work. More detailed geology, rock and soil geochemical results on the different areas trenched 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.

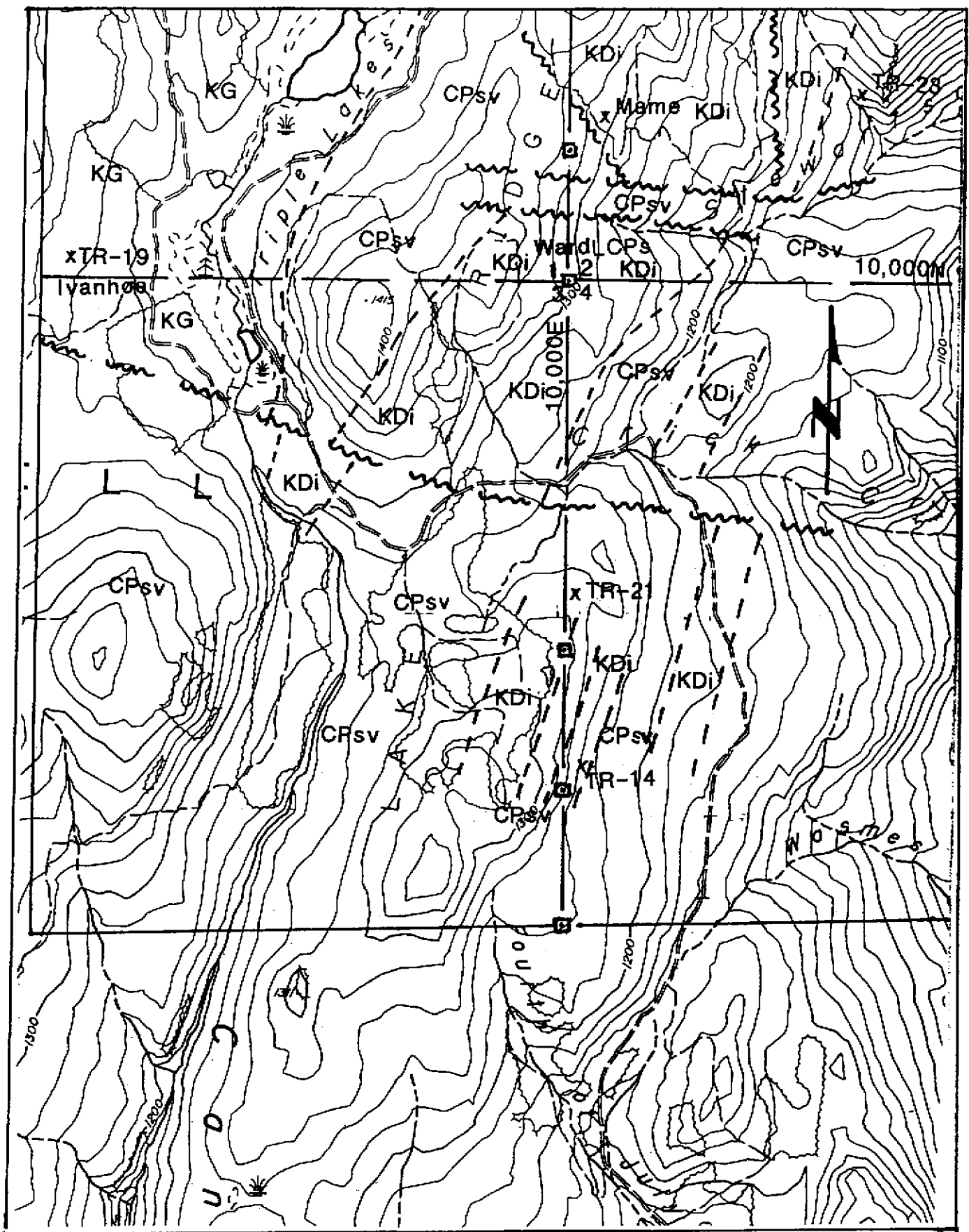
### **(5.3) ROCK TYPES**

#### **(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) 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.



CPsv	ANARCHIST GROUP CARBONIFEROUS-PERMIAN		POSSIBLE FAULT
KDi	LATE CRETACEOUS DIORITE-QUARTZ DIORITE INTRUSIONS		TRENCH OR SAMPLE SITE
KG	EARLY CRETACEOUS GRANITE-GRANODIORITE		INFERRED CONTACT

0 500  
M.

<b>EMJAY ENTERPRISES LTD.</b>			
WARD GROUP			
PRELIMINARY GEOLOGY			
SCALE	DATE	NTS	FIGURE
1:20,000	OCT/00	82/E7	3

### **(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.

## **(6.0) GEOLOGICAL AND GEOCHEMICAL SURVEYS**

### **(6.1) INTRODUCTION**

Two hundred and one soil samples were collected, 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. Eighty nine rock samples were collected and were also analysed by the same method as the soils.

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. For plotting purposes in the 7900N area, the main area of interest, soils with Au values >25ppb and As values > 60 ppm are believed significant and have been differentiated on the maps of this area. Cu values > 60 ppm are also noted as they appear to correlate with the As and Au values in the 7900N area.

All rock samples are considered picked samples and the rock type is indicated by the type of outcrop, chert or diorite which is noted on the maps. Detailed descriptions of the different areas sampled follows.

## (6.2)7900N ARSENIC-GOLD ANOMALY

A one kilometre-long area from 7500N to 8500N just west of the 10,000E baseline which is largely soil covered was mapped and sampled in 2000. Previous geochemical surveys by Lucky 7(1989) and Phelps Dodge (1995) had located soils strongly anomalous in Au and As which were partly confirmed by our 1999 work. In 2000, a much longer area near the baseline was mapped and sampled with good results.

As indicated in Figure 4, outcrop in the area is probably no more than 10% of the area and the rocks exposed are mostly the two main types for the whole claim area, chert and diorite intrusive rock.

The west central part of the area north of 7900N and west of the baseline shows a prominent northwesterly trending hill of diorite outcrop which is strongly fractured and variably silicified and pyritized. The most prominent outcrops east of the hill on the lower slopes and flat lowlands are cherty rocks which are strongly pyritized and oxidized. The diorite intrusive rocks forming dyke-like bodies and small stocks tend to be recessive and covered by soil.

Andesite porphyry dykes the youngest rocks in the area form prominent northeast trending bodies up to 5 metres wide which appear to be offset hereand there by easterly trending faults.

Very small but important quartz-breccia bodies which probably represent gold-feeder systems or fault zones are exposed at 2 points and may be present throughout much of the area. A petrographic description of thin and polished sections of this rock is included in Appendix 3. This is a brecciated highly silicified zone of intrusive rock which contains micron-sized gold particles.

The area shown in Figure 4 is divided into two main areas by a barbed wire fence erected by the Forestry Services to partition off an open range grazing area on the south which is leased by the Government to a local rancher.

During the present exploration program, the area south of the fence was explored by a series of 15 backhoe trenches, TR-1 through TR-15 shown in Figure 4. Rock samples taken from outcrop and trenches are indicated by the sample numbers on the map. Details for the area of Trenches 3-7 and 14-15 are shown in Figure 5

Trench 14 was dug on a As-Au-Cu soil anomaly , 108 ppm As, 175 ppb Au, 68 ppm Cu, located 25 metres south of rock sample 119846 collected in 1999. This rock is fine grained silicified diorite with very fine pyrite-arsenopyrite veinlets which assayed 8560 ppm As, 1690 ppb Au and 323 ppm Cu.

8,100N  
10,150E

119847

TR-15

215768

215702

119846

215703

Inferred Fault

215765-67

215764Py-qtz

215758-63

TR-14

Shear Zone



215747  
215748  
Soil  
Sample-3M

TR-3

215749

TR-4

7,800N

9,965E

215750

TR-5

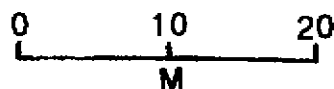
TR-6  
215725  
215751  
215752  
Fault

215724

215753

TR-7

Porphyry Dyke



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WARD GROUP			
GEOLOGY-GEOCHEMISTRY			
7800 N AND 8100 N AREAS			
SCALE	DATE	NTS	FIGURE
1: 500	OCT/00	82E/7	5

Trench 14, about 13 metres long shows fine grained pyritized diorite at a shallow depth at the west end of the trench with the depth of soil increasing at the east end to about 3 metres, the limit of the backhoe's reach. The last exposure of rock on the east was a reddish - weathering rock which appeared to be about 0.5 metres wide where it went under cover. The latter rock is a quartz-chlorite-pyrite gouge vein which in a picked sample with the best pyrite content, sample 215764, assayed 4800 ppm As, 14.49 g/t Au and 3420 ppm Cu. This result represents the discovery of a new gold-bearing shear zone which warrants followup diamond drilling. It probably is a northerly trending shear extending at least 25 M north and is open to extension to the east and south. It is bounded on the west by mineralized diorite, the best result here being sample 215762 which assayed 154 ppm As, 315 ppb Au and 417 ppm Cu.

### (6.2.1)ROCK SAMPLE ASSAYS

<u>SAMPLE NO</u>	<u>DESCRIPTION</u>	<u>AS-PPM</u>	<u>AU-PPB</u>	<u>CU-PPM</u>
215701	Chert outcrop, strong pyrite	416	260	319
215703	Silicified, pyritized diorite outcrop	32	275	272
215714	Chert outcrop, pyritic	12	50	174
215725	Silicified diorite outcrop	16	135	426
215726	Silicified diorite outcrop	68	50	180
215729	Chert outcrop, strong pyrite	12	250	157
215737	Quartz breccia-float	66	675	108
215738	Altered diorite outcrop	14	90	75
215739	Altered diorite outcrop	12	50	84
215747	TR-3 Intrusive float	32	175	230
215749	TR-4 Pyritized diorite outcrop	48	140	719
215751	TR-6 Pyritized diorite outcrop	276	85	151
215752	TR-6 Quartz breccia outcrop	588	545	239
215753	TR-7 Quartz breccia outcrop	132	50	110
215756	TR-13 Pyritized chert outcrop	130	130	309
215757	TR-8 Altered intrusive float	22	1375	116
215758	TR-14 Pyritized diorite outcrop	14	70	132
215759	"	4	95	198
215761	"	82	60	213
215762	"	154	315	417
215763	"	254	195	315
215764	TR-14 Quartz-pyrite-gouge, o.c East end-trench	4800	>10000 (14.49 g/t)	3420
215765	TR-14 Diorite o.c.-West end	22	60	244
215767	"	16	75	133
215769	TR-15 Diorite o.c.-South end	18	50	214
215770	Altered diorite, outcrop	1290	50	121
NOTE	<u>ALL OTHER SAMPLES FIGURE 4 AND 5 ARE &lt;50PPB Au</u>			

### (6.2.2)SOIL GEOCHEMISTRY

The Ward claims cover an area which was a highland in the glacial period which was not affected by the continental glaciation which covered most of British Columbia. Consequently the area is covered by residual soils which in parts of the area covered by Figure 4 are more than 4 metres deep.

It appears that some of the higher values in Au and As are in areas of shallower overburden, so that areas of low values may only indicate deep overburden, not a lack of values in the bedrock. Another probable factor in the lack of soil geochemical values may be the presence of a sandy hardpan on top of bedrock which seals off the outcrop from leaching metals into the soils. The presence of the hardpan was noted during the trenching program in the area of deeper soils.

Figures 6,7 and 8 are plots of the soil geochemical values in the 7900N area for Arsenic, Gold and Copper respectively.

Figure 6 shows that the anomalous As values form two areas of greater than 60 ppm As around the 82N Fence area which appear to extend to the north and south for about 200 metres. The new gold shear zone discovery near 8100N, 10,200E (108 ppm As) appears to extend north to the area showing 288 ppm As. The area to the south of the new discovery has not been soil sampled yet and is open to extension in the latter direction. Also other anomalous As soils on line 7850N have not been trenched to date so that mineralized zones could extend to the latter point.

Another probably separate zone of strong As in soil values ranging from 104 to 516 ppm As follows the base of the hill of diorite outcrop heading NW from the Fence area. This could represent an area of low grade gold in diorite and at its eastern edge and another northerly trending shear zone carrying relatively high gold values similar to the new discovery.

A separate and yet only partly defined zone of anomalous values is noted around 7900N about 400 metres east of the 10,000E baseline. The highest As values here are 112-648 ppm As.

Figure 7, Au in soils which shows a plot of all gold values >5ppb and Figure 8, a plot of all Cu values, in general mirror the plot of values for As. For Au all values >25 ppb are outlined and for Cu all values >60 ppm are grouped together.

### (6.3) BARNATO -HIGHLAND MARY SHOWING

Figure 9 details the geology and sample locations in this area.

The host rock for the mineralization on the old Barnato claim is diorite and quartz diorite intrusive rock while the host rock for the Highland Mary veins is chert. The contact area for the two rock types in the area is covered by deep soil.

The main area of interest on Figure 9 occurs near what I have called the South vein area at the southwest end of the area covered by Figure 9. A 1 metre wide sample across this vein which outcrops SW off Figure 9, sample 119855 described in the 1999 report, 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.

Trench 24 was dug along the road below the bank showing the highly anomalous soils to determine if bedrock or float of the South vein could be located. No bedrock was uncovered but float represented by sample 215790 is possibly significant mineralization from the vein or wallrocks surrounding it. It is chlorite-quartz-pyrite and gouge with the picked sample 215790 assaying 120 ppm As. and 645 ppb Au.

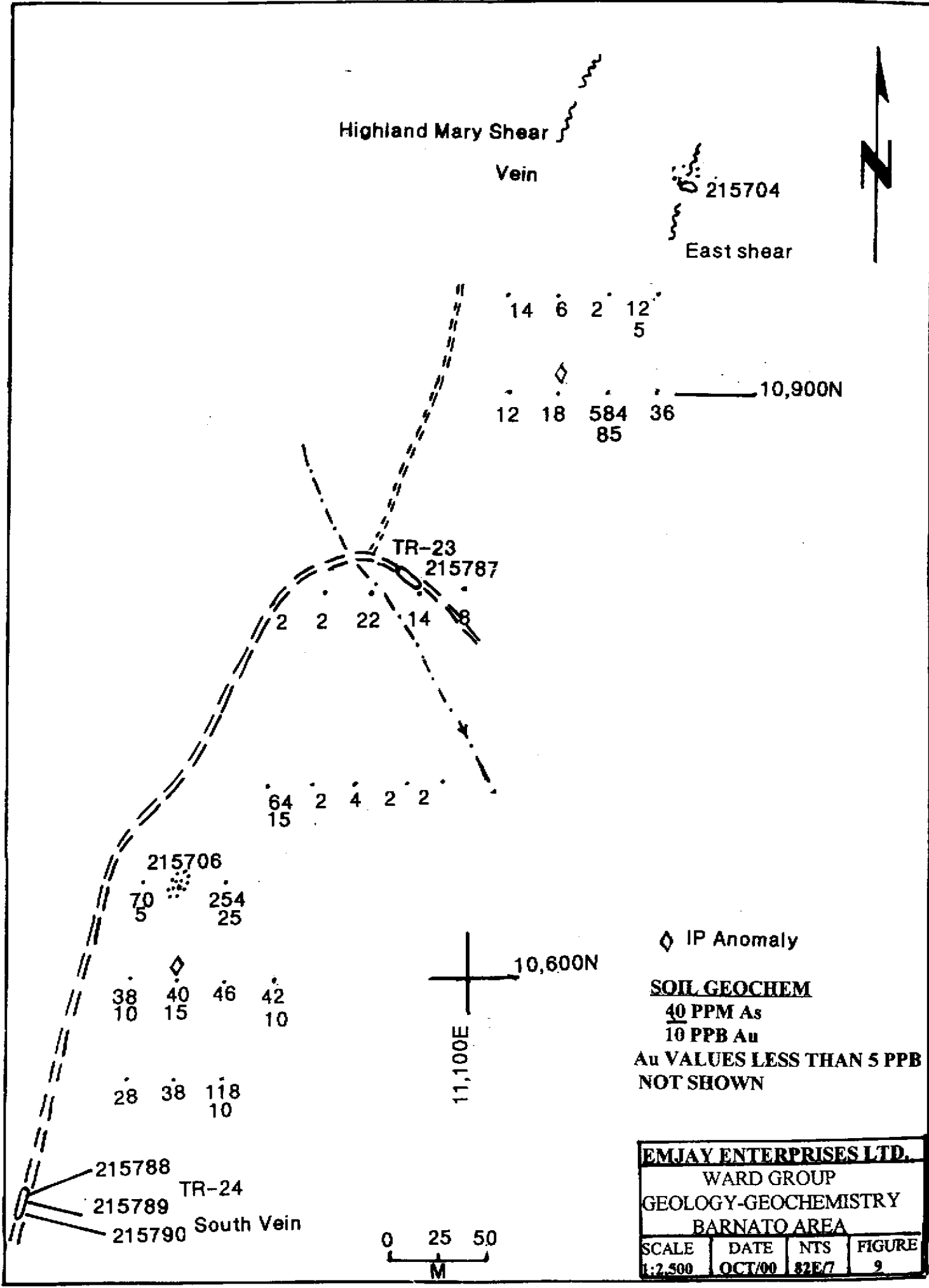
The projected NE extension of the vein zone from Trench 24 could be correlated with the I.P. chargeability anomaly noted on line 106N at 109+50E. A soil sample on line 10,650N at 109+75E showing 254 ppm As and 25 ppb Au could also be a reflection of this vein.

The VLF-Em survey ( Report-Appendix 2) shows a good NE trending conductor at 10,600N, 11,000E which extends at least 200 metres SW towards the South vein occurrence and 100 metres NE to the limit of the geophysical survey. As noted in Figure 9 this is roughly coincident with the PD IP anomaly and a soil anomaly.

Farther NE along the same trend at 10,900N - 11,175E a soil sample shows values of 584 ppm As and 85 ppb Au. At 11,150E on the same line the IP survey by Phelps Dodge showed anomalous IP values. Both the geochemical and geophysical responses here may represent the SW continuation of the Highland Mary vein system. A picked sample from one dump of vein material here taken in 1999, of a 10 cm. wide vein, sample 119883 assayed 23.05 g/t Au, > 10,000 ppm As.

A new showing was found about 70 metres easterly from the Main Highland Mary showing in 2000. The new showing is a NNE trending silicified shear zone about 0.3M wide with a little disseminated pyrite in the quartz and is termed the





Highland Mary Shear  
Vein

215704  
East shear



14 6 2 12  
5  
12 18 584 36  
85  
10,900N

TR-23  
215787

2 2 22 14 8  
64 2 4 2 2  
15

215706  
70 254  
5 25

38 40 46 42  
10 15 10

28 38 118  
10

10,600N  
11,100E

◇ IP Anomaly

**SOIL GEOCHEM**  
40 PPM As  
10 PPB Au  
Au VALUES LESS THAN 5 PPB  
NOT SHOWN

215788  
215789 TR-24  
215790 South Vein

0 25 50  
M

<b>EMJAY ENTERPRISES LTD.</b>			
WARD GROUP			
GEOLOGY-GEOCHEMISTRY			
BARNATO AREA			
SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E/7	9

East Shear. A picked sample of vein material on the dump, sample 215704, assayed 22 ppm As and 110 ppb Au.

Trench 23 on line 10,800N was dug to try to find the southward extension of the Highland Mary veins but failed to reach bedrock down to 3M deep.

Drilling is recommended to test the coincident anomalies on line 10,600N near 11,000E and also the South vein area 200 metres SW.

#### **(6.4) MAME AREA**

Figure 10 shows the Mame area located just east of the 10,000E baseline near 10,600N.

This area was investigated to sample the Mame showing and accurately locate it also to see what its relationship might be to earlier discovered anomalous areas to the south and southeast of it.

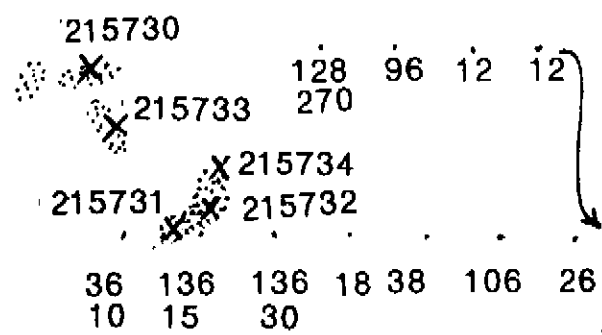
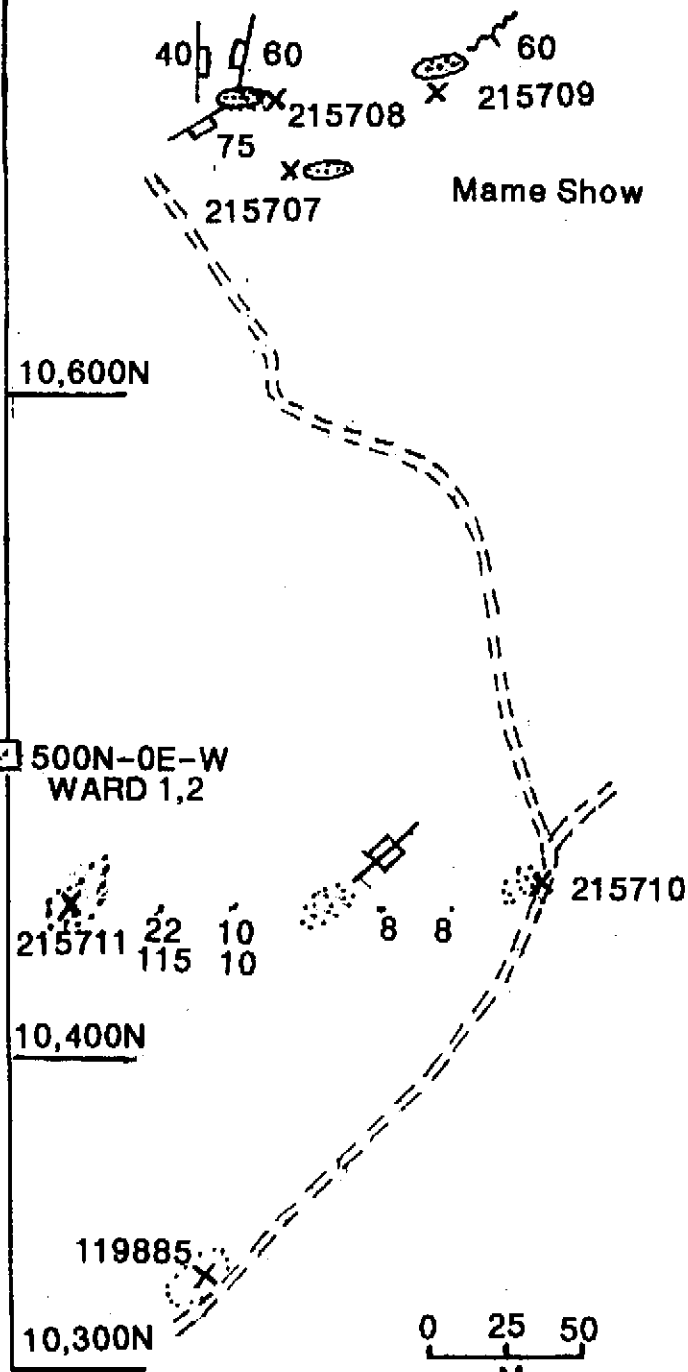
In 1999, a new gold occurrence was discovered near 10,300N where a sample of quartz-veined chert, sample 119885 assayed >10,000 ppm As and 1530 ppb Au. This showing is only about 2 metres long and less than 1 metre wide, but it was possible that similar larger deposits might occur farther north toward the Mame area.

Mapping and sampling of the rocks farther north on line 104+50N shows pyritized outcrops of both chert and diorite but soil samples here show little gold and arsenic and samples of outcrops of chert, sample 215711 and diorite, 215710, show only 12 ppm As, 5 ppb Au and 2 ppm As, <5 ppb Au respectively. The area south of 119885 was sampled in 1999 and showed no values of interest so that the work on line 104+50N suggests that no extension of interesting gold values is present to the north and the area of interest around sample 119885 is probably very small.

The Mame showing itself consists of three pits about 3 metres deep in an area about 100 metres long, east-west by 50 metres wide north-south. The rocks are highly fractured diorite with 10% disseminated pyrite and 1-2 pods of massive pyrrhotite and quartz veining. Samples of dumps with the 3 pits show that only the northeast pit which exposes a northeast trending quartz-pyrite vein about 0.5 metres wide carries any significant gold values. Sample 21509 of the dump here assayed 556 ppm As, 2750 ppb Au. The other two dump samples 215707 and 215708 assayed only 10 ppm As, 100 ppb Au and 16 ppm As, 175 ppb Au respectively.

The size of the zone of pyritized diorite at the Mame showing and the fact that there are gold values present here suggests that farther work here is warranted, possibly detailed geochemical soil sampling, a VLF Em survey and /or an IP

B/L 10,000E



500N-0E-W  
WARD 1,2

Mame Show

**SOIL GEOCHEM**  
36 PPM As  
10 PPB Au  
 Au VALUES LESS THAN  
 5 PPB NOT SHOWN

<b>EMJAY ENTERPRISES LTD.</b>			
WARD GROUP			
GEOLOGY - GEOCHEMISTRY			
MAME SHOWING AREA			
SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E/7	10

survey should be done. The zone seems to trend east-west so that survey lines should be oriented north-south to cross the latter trend.

The other area of work noted on Figure 10 near 10,400N, 10,500E was investigated because it was noted as an area of anomalous As values in soils in old reports. A line of soil samples was taken on line 10,400N but only one sample at 10,675E showed interesting values 96 ppm As, 270 ppb Au. Outcrop samples of weakly pyritized diorite in the area of the highest As values in the old report near what is now 10,500E, samples 21530-34 did not show any values above 14 ppm As, 75 ppb Au so that the area is of no further interest at present.

### (6.5) IVANHOE VEIN AREA

The lower part of Figure 11 illustrates the Ivanhoe vein area near 10,000N, 8,000E. This is an area where several quartz veins show significant gold values but the size of the veins appear to be small. It was hoped that trenching of the veins might show greater size and continuity of veins than previously supposed.

Trench 16 was dug about 20 metres north from a 0.5 metre wide gold-quartz vein which was previously sampled, sample 25734, showing values of 48 ppm As, 2,320 ppb Au. Four samples of quartz vein float were taken in this trench, 215771-74 with the only interesting gold values being 155 and 160 ppb Au in samples 215773 and 74. These results suggest that the quartz vein does continue northerly in offset fashion to connect up with another vein mapped in outcrop to the northeast of Trench 16 and 17, but the vein is probably too small and low grade to be of interest. Trench 17 to a depth of 1.5 metres showed no bedrock and no vein float.

Trench 18 was dug on the possible northern extension of the old OK showing and a possible northerly trending fault zone here. The old 1 metre deep pit here was dug in massive relatively barren pyrrhotite in diorite host rock. Only one sample was taken in Tr-18, 215775, in a silicified fault zone which showed only 28 ppm As, 30 ppb Au. No further interest is warranted here.

Trench 19 was excavated to expose the possible southern continuation of the Ivanhoe vein. The main point of interest here was to see if similar mineralization was present to that found on an old dump which was sampled as RS-4 in 1995. This material is massive pyrite in quartz which assays 23.3 g/t Au, 64 ppm As, 2110 ppm Cu and 216 ppm Bi. As detailed in Appendix 3, a petrographic study of this dump material confirmed that it carries free gold. Unfortunately, Trench 19 failed to disclose any of this vein material in place or any other significant vein material.

Trench 20 was excavated on strike with the Ivanhoe vein about 100 metres NNE in an area where anomalous As values were found in soils. The trench exposed only unmineralized diorite.

B/L-10,000E

TR-22

8.800N

215705

215781-85

TR-21

215779 TR-20

Ivanhoe Vn

RS-4

215778

TR-19

215776-77

TR-17

215771-74

TR-16

Au-Qtz Vein

25734

IP ROI 1,3 MC

Main Road

215775 TR-18

60

0 25 50  
M

**EMJAY ENTERPRISES LTD.**  
WARD GROUP  
GEOLOGY-GEOCHEMISTRY  
IVANHOE & 8.800N AREAS

SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E/7	11

### (6.6) 8800N PIT AREA

Figure 11, top part, shows the 8800N pit location and Trench 21 and 22. The main interest in the area is an old pit 1-2 metres deep which has a dump at it showing disseminated pyrite in altered diorite. A sample of the dump material taken in 1999, sample 119843, assayed 514 ppm As, 60 ppb Au. The area immediately east of the pit is covered by a wide area of overburden which could conceal similar or better grade mineralization. Trench 21 which was dug into the adjacent overburden-covered area disclosed only weak pyrite in relatively fresh diorite. Samples 215781-85 have very little As or gold values. The best values in sample 215781 were only 14 ppm As, 45 ppb Au.

Trench 22 located about 200 metres NE of trench 21 was dug about 75 metres north of a good soil geochem anomaly on line 8,800N which assayed 1170 ppm As, 60 ppb Au. The anomalous area itself could not be reached by the backhoe because of tree cover. Trench 22 to a depth of 3 metres failed to reach bedrock.

An old pit on line 88N at 10,250E which was not found until this year was examined and sample 215705 was taken from the dump. This pit is dug into a 0.5M wide N-S fault zone dipping 20 degrees west cutting oxidized diorite which is fractured at 220 degrees dipping 70 degrees east and 165 degrees dipping 50 degrees west. The dump sample assayed 134 ppm As, 60 ppb Au.

### (7.0) CONCLUSIONS AND RECOMMENDATIONS

Based on the 2000 program of mapping, sampling and trenching there are 3 main targets deserving drilling, the Highland Mary veins including the geophysical anomaly on line 10,600N, the South vein zone on the Barnato claims and the newly discovered gold-bearing shear zone near 8100N. Estimated costs are as follows:

Rehabilitate and construct access roads.....	15,000
Diamond Drilling 600 metres NQ core @ \$100/metre.....	60,000
Geological Supervision, Consulting fees.....	10,000
Assays.....	15,000
Government Bond, fees.....	5,000
Soil Geochemistry Survey.....	10,000
Contingency.....	10,000
Total	\$ 125,000

**(8.0) COST STATEMENT**

R.E. Gale -Consulting fees and Report	
36 days @ \$400 per day + 7% GST	15,408.00
A. Hall - Assistant, soil sampling 21 days @ \$125/day	2,625.00
Room and Board 50 man - days including GST	3,847.36
Truck rental 40 days including GST	2,172.05
Fuel, including GST	673.47
Equipment and supplies including GST	977.44
Assays-Chemex Labs - 201 soil samples @\$ 21.29	4,279.29
89 rock samples @\$ 25.15	2,238.35
Trenching and reclamation-J. Bosovich Contracting	6,206.21
VLF Em survey P. Walcott and Associates	6,462.80
Vancouver Petrographic- Petrographic Reports	591.98
	<hr/>
Total Costs	\$ 45,481.95

**(9.0) REFERENCES**

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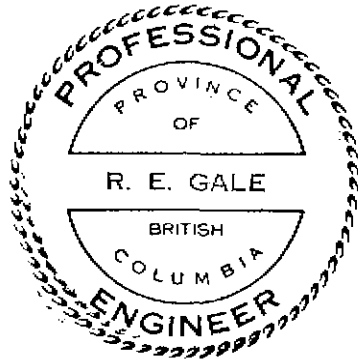
Vulumiri, M.R., 1990, Assessment Report 19525



**(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 been a Member in good standing with the Association of Professional Engineers and Geoscientists since 1966.
- (5) This report is based on my personal work on the Ward Group claims during August through September, 2000, 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, Beav and 7 Reverted Crown Grant claims which are part of the Ward Group.



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

October 31, 2000

**APPENDIX 1A**



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: GALE, R. E.

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

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 24-AUG-2000  
 Invoice No. : I0026704  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS

A0026704

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 %
			RUSH																		
78N 99E	241	202	< 5	< 0.2	2.44	86	< 10	160	0.5	< 2	0.48	< 0.5	5	13	28	1.90	< 10	< 1	0.12	< 10	0.22
78N 99+25E	241	202	< 5	< 0.2	2.13	56	< 10	110	< 0.5	< 2	0.22	< 0.5	4	9	12	1.71	< 10	< 1	0.07	< 10	0.12
78N 99+50E	241	202	< 5	< 0.2	3.30	108	< 10	180	0.5	2	0.23	< 0.5	5	12	29	2.03	< 10	< 1	0.06	< 10	0.20
78N 99+75E	241	202	< 5	0.2	2.63	106	< 10	140	0.5	< 2	0.13	< 0.5	4	9	17	1.73	< 10	< 1	0.05	< 10	0.15
78N 100+00E	241	202	35	< 0.2	2.24	328	< 10	90	0.5	2	0.16	< 0.5	6	13	41	2.10	< 10	< 1	0.08	< 10	0.22
78N 100+25E	241	202	< 5	< 0.2	2.09	56	< 10	140	< 0.5	< 2	0.21	< 0.5	3	9	12	1.55	< 10	< 1	0.05	< 10	0.15
78N 100+50E	241	202	< 5	< 0.2	1.63	50	< 10	90	< 0.5	< 2	0.22	< 0.5	2	9	10	1.44	< 10	< 1	0.07	< 10	0.12
78N 100+75E	241	202	< 5	< 0.2	1.89	32	< 10	110	< 0.5	< 2	0.21	< 0.5	3	9	9	1.49	< 10	< 1	0.06	< 10	0.12
78N 100+100E	241	202	50	< 0.2	2.22	90	< 10	60	0.5	2	0.22	< 0.5	4	11	63	1.97	< 10	< 1	0.04	10	0.18

CERTIFICATION: \_\_\_\_\_



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To: GALE, R. E.

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 WEST VANCOUVER, BC  
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 Invoice No. : I0026704  
 P.O. Number :  
 Account : CNF

## CERTIFICATE OF ANALYSIS

## A0026704

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
78N 99E	241	202	370	2	0.02	12	1620	8	< 0.01	< 2	3	47	0.08	< 10	< 10	27	< 10	96
78N 99+25E	241	202	500	3	0.01	10	460	8	< 0.01	< 2	1	25	0.09	< 10	< 10	27	< 10	50
78N 99+50E	241	202	625	2	0.02	16	1150	6	0.01	< 2	3	30	0.11	< 10	< 10	32	< 10	90
78N 99+75E	241	202	240	2	0.01	9	860	6	< 0.01	< 2	1	22	0.10	< 10	< 10	28	< 10	54
78N 100+00E	241	202	225	4	0.01	14	470	6	< 0.01	< 2	2	21	0.09	< 10	< 10	34	< 10	59
78N 100+25E	241	202	110	1	0.02	7	250	6	< 0.01	< 2	1	32	0.08	< 10	< 10	26	< 10	32
78N 100+50E	241	202	285	2	0.01	7	680	8	0.01	2	1	24	0.07	< 10	< 10	25	< 10	34
78N 100+75E	241	202	480	2	0.01	12	950	8	< 0.01	< 2	1	31	0.08	< 10	< 10	27	< 10	62
78N 100+100E	241	202	270	3	0.01	12	840	6	0.01	< 2	2	23	0.09	< 10	< 10	32	< 10	42

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Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 31-AUG-2000  
 Invoice No. : 10026707  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0026707

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	%	ppm	%	
FEN 25MS 0+0OE	201	202	175	< 0.2	2.21	108	< 10	140	0.5	< 2	0.20	< 0.5	9	10	68	1.85	< 10	< 1	0.07	< 10	0.15
25+00S 25+00E	201	202	< 5	< 0.2	2.34	96	< 10	110	0.5	< 2	0.20	< 0.5	5	10	11	1.68	< 10	< 1	0.09	< 10	0.13
25+00D 25+00W	201	202	< 5	0.2	2.79	30	< 10	120	0.5	< 2	0.18	< 0.5	5	9	10	1.58	< 10	< 1	0.08	< 10	0.15
76+50N 99+50E	201	202	20	0.2	2.15	16	< 10	120	0.5	< 2	0.16	< 0.5	5	11	13	1.80	< 10	< 1	0.05	< 10	0.17
76+50N 99+75E	201	202	< 5	0.2	2.07	10	< 10	90	0.5	< 2	0.19	< 0.5	5	10	12	1.66	< 10	< 1	0.06	< 10	0.14
76+50N 100+00E	201	202	< 5	< 0.2	2.12	16	< 10	140	0.5	< 2	0.17	< 0.5	4	11	12	1.53	< 10	< 1	0.05	< 10	0.15
76+50N 100+25E	201	202	< 5	0.2	1.45	16	< 10	50	< 0.5	< 2	0.18	< 0.5	4	10	8	1.55	< 10	< 1	0.07	< 10	0.17
76+50N 100+50E	201	202	10	0.2	1.59	56	< 10	100	0.5	< 2	0.12	< 0.5	5	12	12	1.75	< 10	< 1	0.04	< 10	0.13
76+50N 100+75E	201	202	< 5	< 0.2	2.39	22	< 10	130	0.5	< 2	0.09	< 0.5	5	9	8	1.48	< 10	< 1	0.05	< 10	0.09
76+50N 100+100E	201	202	< 5	< 0.2	2.53	20	< 10	150	0.5	< 2	0.58	< 0.5	5	11	35	1.42	< 10	< 1	0.03	10	0.18
77N 99+50E	201	202	< 5	< 0.2	1.28	30	< 10	120	< 0.5	< 2	0.17	< 0.5	7	9	14	1.93	< 10	< 1	0.05	< 10	0.18
77N 99+75E	201	202	10	< 0.2	2.64	24	< 10	110	0.5	< 2	0.17	< 0.5	6	11	27	1.94	< 10	< 1	0.07	< 10	0.18
104+50N 100+50E	201	202	115	0.2	3.05	22	< 10	150	1.0	2	0.21	< 0.5	10	21	35	2.65	< 10	< 1	0.07	< 10	0.53
104+50N 100+75E	201	202	10	< 0.2	2.86	10	< 10	160	1.5	< 2	0.13	0.5	10	20	30	2.70	< 10	< 1	0.05	10	0.36
104+50N 101+25E	201	202	< 5	0.2	2.79	8	< 10	130	1.0	< 2	0.15	< 0.5	5	11	13	1.72	< 10	< 1	0.06	< 10	0.17
104+50N 101+50E	201	202	< 5	< 0.2	2.00	8	< 10	130	0.5	< 2	0.14	< 0.5	5	10	13	1.48	< 10	< 1	0.06	< 10	0.18
105+50N 109+25E	201	202	< 5	< 0.2	2.38	28	< 10	140	0.5	< 2	0.24	< 0.5	4	8	6	1.51	< 10	< 1	0.05	< 10	0.12
105+50N 109+50E	201	202	< 5	0.2	2.75	38	< 10	140	0.5	< 2	0.14	< 0.5	6	12	11	1.86	< 10	< 1	0.04	< 10	0.17
105+50N 109+75E	201	202	10	< 0.2	2.04	118	< 10	90	0.5	< 2	0.10	< 0.5	5	10	6	1.61	< 10	< 1	0.05	< 10	0.12
106N 109+25E	201	202	10	0.2	2.39	38	< 10	110	0.5	< 2	0.19	< 0.5	5	8	8	1.53	< 10	< 1	0.05	< 10	0.10
106N 109+50E	201	202	15	0.2	3.05	40	< 10	110	0.5	< 2	0.21	< 0.5	6	11	11	1.83	< 10	< 1	0.06	< 10	0.16
106N 109+75E	201	202	< 5	0.2	2.83	46	< 10	90	0.5	< 2	0.30	< 0.5	6	11	13	1.68	< 10	< 1	0.09	< 10	0.15
106N 110E	201	202	10	0.2	2.11	42	< 10	120	0.5	< 2	0.36	< 0.5	5	14	8	1.73	< 10	< 1	0.05	< 10	0.16
106+50N 109+25E	201	202	15	< 0.2	1.80	70	< 10	150	0.5	< 2	0.26	0.5	10	8	44	2.14	< 10	< 1	0.08	< 10	0.23
106+50N 109+75E	201	202	25	< 0.2	1.56	254	< 10	70	0.5	< 2	0.24	< 0.5	7	20	34	2.45	< 10	< 1	0.11	10	0.28
109N 111+25E	201	202	< 5	0.2	2.90	12	< 10	100	1.0	< 2	0.17	< 0.5	4	11	12	1.53	< 10	< 1	0.07	< 10	0.14
109N 111+50E	201	202	< 5	< 0.2	2.00	18	< 10	120	0.5	< 2	0.20	< 0.5	5	10	6	1.39	< 10	< 1	0.06	< 10	0.13
109N 111+75E	201	202	85	0.2	2.28	584	< 10	170	0.5	< 2	0.28	0.5	6	15	31	2.45	< 10	< 1	0.08	< 10	0.23
109N 112+00E	201	202	< 5	< 0.2	2.44	36	< 10	130	0.5	< 2	0.24	< 0.5	6	15	14	1.74	< 10	< 1	0.07	< 10	0.22
109N 112+25E	201	202	< 5	< 0.2	2.58	6	< 10	120	1.5	< 2	0.24	< 0.5	7	21	24	2.22	< 10	< 1	0.07	10	0.36
109+50N 111+25E	201	202	< 5	< 0.2	1.43	14	< 10	160	0.5	< 2	0.23	< 0.5	5	12	6	1.44	< 10	< 1	0.07	< 10	0.15
109+50N 111+50E	201	202	< 5	< 0.2	1.29	6	< 10	120	0.5	< 2	0.25	< 0.5	4	14	8	1.54	< 10	< 1	0.10	< 10	0.18
109+50N 111+75E	201	202	< 5	< 0.2	2.11	2	< 10	160	0.5	< 2	0.27	< 0.5	6	19	25	1.99	< 10	< 1	0.11	< 10	0.31
109+50N 112+00E	201	202	5	< 0.2	2.36	12	< 10	260	0.5	< 2	0.25	< 0.5	5	13	14	1.53	< 10	< 1	0.10	< 10	0.20

CERTIFICATION:



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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY  
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 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

CERTIFICATE OF ANALYSIS	A0026707
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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
FEN 25MS 0+00E	201 202	645	1	0.01	8	540	10	0.01	< 2	1	25	0.09	< 10	< 10	29	< 10	114
25+00S 25+00E	201 202	425	1	0.01	9	720	6	< 0.01	< 2	1	27	0.09	< 10	< 10	27	< 10	58
25+00D 25+00W	201 202	265	1	0.01	8	1480	6	0.01	< 2	1	29	0.10	< 10	< 10	24	< 10	58
76+50N 99+50E	201 202	175	1	0.01	9	1050	4	< 0.01	< 2	1	26	0.08	< 10	< 10	29	< 10	34
76+50N 99+75E	201 202	210	1	0.01	11	660	6	< 0.01	< 2	1	25	0.09	< 10	< 10	27	< 10	38
76+50N 100+00E	201 202	365	2	0.01	9	950	10	0.01	< 2	1	24	0.08	< 10	< 10	27	< 10	44
76+50N 100+25E	201 202	90	1	0.02	7	100	6	< 0.01	< 2	1	20	0.07	< 10	< 10	31	< 10	30
76+50N 100+50E	201 202	120	1	0.01	10	790	4	< 0.01	< 2	1	23	0.07	< 10	< 10	32	< 10	44
76+50N 100+75E	201 202	390	1	0.01	10	1450	6	< 0.01	< 2	1	17	0.08	< 10	< 10	22	< 10	62
76+50N 100+100E	201 202	95	< 1	0.02	10	190	8	0.07	< 2	3	68	0.09	< 10	< 10	19	< 10	20
77N 99+50E	201 202	1330	1	0.01	8	680	8	0.01	< 2	1	20	0.07	< 10	< 10	35	< 10	90
77N 99+75E	201 202	250	2	0.01	11	710	6	< 0.01	< 2	2	22	0.10	< 10	< 10	31	< 10	38
104+50N 100+50E	201 202	420	3	0.01	33	660	12	0.01	< 2	5	28	0.13	< 10	< 10	48	< 10	140
104+50N 100+75E	201 202	945	2	0.01	29	880	10	0.01	< 2	4	16	0.13	< 10	< 10	46	< 10	142
104+50N 101+25E	201 202	415	1	0.01	16	520	12	0.01	< 2	1	16	0.11	< 10	< 10	26	< 10	160
104+50N 101+50E	201 202	945	1	0.01	19	650	6	0.01	< 2	1	26	0.10	< 10	< 10	23	< 10	256
105+50N 109+25E	201 202	455	2	0.01	8	1770	8	0.01	< 2	1	33	0.09	< 10	< 10	23	< 10	44
105+50N 109+50E	201 202	260	3	0.01	11	1390	10	< 0.01	< 2	1	29	0.11	< 10	< 10	31	< 10	54
105+50N 109+75E	201 202	275	2	0.01	10	1280	6	0.01	< 2	< 1	18	0.09	< 10	< 10	24	< 10	68
106N 109+25E	201 202	525	2	0.01	15	580	8	< 0.01	< 2	1	27	0.09	< 10	< 10	21	< 10	72
106N 109+50E	201 202	270	3	0.01	13	770	10	0.01	< 2	2	28	0.11	< 10	< 10	26	< 10	56
106N 109+75E	201 202	315	2	0.02	12	1490	6	0.01	< 2	2	28	0.11	< 10	< 10	24	< 10	50
106N 110E	201 202	130	1	0.01	11	350	8	0.01	< 2	1	26	0.09	< 10	< 10	26	< 10	32
106+50N 109+25E	201 202	805	3	0.01	11	1070	12	0.01	< 2	1	32	0.07	< 10	< 10	27	< 10	124
106+50N 109+75E	201 202	195	1	0.01	17	550	10	0.02	< 2	3	33	0.09	< 10	< 10	38	< 10	88
109N 111+25E	201 202	290	3	0.01	11	1550	6	< 0.01	< 2	3	19	0.11	< 10	< 10	22	< 10	86
109N 111+50E	201 202	205	2	0.01	16	240	6	< 0.01	< 2	1	19	0.08	< 10	< 10	22	< 10	76
109N 111+75E	201 202	390	3	0.01	20	1530	8	0.04	< 2	1	41	0.10	< 10	< 10	32	< 10	108
109N 112+00E	201 202	235	2	0.01	19	1650	10	< 0.01	< 2	1	37	0.10	< 10	< 10	28	< 10	76
109N 112+25E	201 202	170	2	0.01	19	710	16	< 0.01	< 2	3	43	0.12	< 10	< 10	43	< 10	250
109+50N 111+25E	201 202	715	< 1	0.01	13	970	6	< 0.01	< 2	1	25	0.07	< 10	< 10	23	< 10	118
109+50N 111+50E	201 202	510	1	0.01	12	510	8	< 0.01	< 2	2	29	0.06	< 10	< 10	30	< 10	76
109+50N 111+75E	201 202	345	1	0.01	20	450	8	< 0.01	< 2	3	36	0.10	< 10	< 10	37	< 10	96
109+50N 112+00E	201 202	435	1	0.01	21	1340	6	< 0.01	< 2	1	37	0.10	< 10	< 10	23	< 10	88

CERTIFICATION:



# ALS Chemex

Aurora Laboratory Services 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-A  
 Total Pages : 1  
 Certificate Date: 31-AUG-2000  
 Invoice No. : I0026703  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS

A0026703

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 %
77+50N 101+00E	201 202	5	< 0.2	0.87	44	< 10	50	< 0.5	< 2	0.12	< 0.5	4	12	7	1.68	< 10	< 1	0.04	< 10	0.17
77+50N 101+25E	201 202	5	0.2	3.22	160	< 10	110	0.5	< 2	0.49	< 0.5	5	9	21	1.71	< 10	< 1	0.07	< 10	0.13
77+50N 101+50E	201 202	< 5	0.2	2.83	94	< 10	100	0.5	< 2	0.26	< 0.5	6	10	13	1.78	< 10	< 1	0.07	< 10	0.13
77+50N 101+75E	201 202	< 5	0.2	3.48	94	< 10	190	1.0	< 2	0.11	< 0.5	6	13	16	1.98	< 10	< 1	0.06	< 10	0.14
77+50N 102+00E	201 202	< 5	0.2	2.43	28	< 10	110	0.5	< 2	0.15	< 0.5	4	9	7	1.49	< 10	< 1	0.05	< 10	0.12
77+50N 102+25E	201 202	< 5	< 0.2	1.89	126	< 10	60	0.5	< 2	0.32	< 0.5	4	10	9	1.54	< 10	< 1	0.04	< 10	0.12
77+50N 102+50E	201 202	< 5	0.2	2.30	232	< 10	70	0.5	< 2	0.64	< 0.5	4	11	25	1.63	< 10	< 1	0.04	20	0.13
78+25N 100+50E	201 202	5	< 0.2	1.09	40	< 10	80	0.5	2	0.17	< 0.5	5	15	15	2.00	< 10	< 1	0.06	10	0.24
78+50N 100+50E	201 202	20	0.2	2.95	738	< 10	100	1.0	< 2	0.14	< 0.5	6	14	90	1.98	< 10	< 1	0.04	< 10	0.16
78+75N 100+50E	201 202	< 5	< 0.2	1.93	92	< 10	100	0.5	2	0.33	< 0.5	5	11	21	1.69	< 10	< 1	0.05	< 10	0.18
107N 110+00E	201 202	15	< 0.2	1.61	64	< 10	110	1.5	< 2	0.71	< 0.5	10	48	28	2.83	< 10	< 1	0.15	20	0.62
107N 110+25E	201 202	< 5	< 0.2	1.15	< 2	< 10	110	0.5	2	0.28	< 0.5	5	25	6	1.73	< 10	< 1	0.18	< 10	0.23
107N 110+50E	201 202	< 5	< 0.2	1.87	4	< 10	160	0.5	< 2	0.21	< 0.5	5	20	6	1.57	< 10	< 1	0.11	< 10	0.21
107N 110+75E	201 202	< 5	< 0.2	1.11	< 2	< 10	100	0.5	< 2	0.20	< 0.5	4	28	4	1.70	< 10	< 1	0.10	< 10	0.25
107N 110+90E	201 202	< 5	< 0.2	0.86	2	< 10	130	0.5	< 2	0.37	< 0.5	7	40	9	2.03	< 10	< 1	0.15	10	0.35
108N 110+00E	201 202	< 5	< 0.2	1.43	< 2	< 10	80	0.5	< 2	0.19	< 0.5	6	17	15	2.03	< 10	< 1	0.06	< 10	0.24
108N 110+25E	201 202	< 5	< 0.2	1.54	2	< 10	90	0.5	2	0.21	< 0.5	5	14	8	1.68	< 10	< 1	0.05	< 10	0.18
108N 110+50E	201 202	10	< 0.2	1.18	22	< 10	40	1.0	< 2	0.94	0.5	6	18	51	1.76	< 10	< 1	0.05	30	0.30
108N 110+75E	201 202	< 5	< 0.2	1.88	14	< 10	90	0.5	< 2	0.30	< 0.5	5	11	8	1.38	< 10	< 1	0.05	< 10	0.13
108N 111+00E	201 202	< 5	0.2	2.43	8	< 10	100	0.5	< 2	0.33	< 0.5	5	11	10	1.45	< 10	< 1	0.08	< 10	0.15

CERTIFICATION:



# ALS Chemex

Aurora Laboratory Services 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

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 Total Pages : 1  
 Certificate Date: 31-AUG-2000  
 Invoice No. : 10026703  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS

### A0026703

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
77+50N 101+00E	201 202	140	1 < 0.01	0.01	6	440	6 < 0.01	< 2	1	17	0.07	< 10	< 10	34	< 10	28	
77+50N 101+25E	201 202	605	1 0.01	0.01	18	1750	8 0.01	< 2	1	47	0.11	< 10	< 10	24	< 10	68	
77+50N 101+50E	201 202	290	3 0.01	0.01	11	470	8 0.01	< 2	1	32	0.10	< 10	< 10	28	< 10	40	
77+50N 101+75E	201 202	315	3 0.01	0.01	19	610	10 0.01	< 2	1	26	0.11	< 10	< 10	29	< 10	84	
77+50N 102+00E	201 202	505	1 0.01	0.01	9	1670	8 < 0.01	< 2	1	24	0.09	< 10	< 10	23	< 10	70	
77+50N 102+25E	201 202	285	1 0.01	0.01	10	350	10 < 0.01	< 2	1	32	0.08	< 10	< 10	25	< 10	74	
77+50N 102+50E	201 202	190	3 0.01	0.01	11	210	6 0.03	< 2	2	64	0.08	< 10	< 10	21	< 10	14	
78+25N 100+50E	201 202	205	1 < 0.01	0.01	10	360	6 < 0.01	< 2	1	21	0.07	< 10	< 10	40	< 10	32	
78+50N 100+50E	201 202	200	2 0.01	0.01	61	400	8 < 0.01	< 2	3	31	0.10	< 10	< 10	26	< 10	58	
78+75N 100+50E	201 202	230	1 0.01	0.01	13	150	10 < 0.01	< 2	1	35	0.08	< 10	< 10	26	< 10	42	
107N 110+00E	201 202	415	2 0.02	0.02	30	1180	10 < 0.01	< 2	5	58	0.14	< 10	< 10	60	< 10	56	
107N 110+25E	201 202	330	< 1 0.01	0.01	13	660	8 < 0.01	< 2	2	33	0.10	< 10	< 10	33	< 10	52	
107N 110+50E	201 202	405	1 0.01	0.01	19	1520	8 < 0.01	< 2	1	25	0.09	< 10	< 10	27	< 10	76	
107N 110+75E	201 202	250	< 1 < 0.01	0.01	15	460	6 < 0.01	< 2	1	29	0.11	< 10	< 10	38	< 10	40	
107N 110+90E	201 202	410	< 1 0.01	0.01	19	950	8 < 0.01	< 2	2	46	0.11	< 10	< 10	48	< 10	42	
108N 110+00E	201 202	200	1 0.01	0.01	12	840	6 < 0.01	< 2	2	21	0.08	< 10	< 10	38	< 10	38	
108N 110+25E	201 202	260	1 0.01	0.01	10	650	8 < 0.01	< 2	1	24	0.08	< 10	< 10	32	< 10	60	
108N 110+50E	201 202	300	1 0.01	0.01	16	570	10 0.04	< 2	2	48	0.06	< 10	< 10	33	< 10	40	
108N 110+75E	201 202	505	1 < 0.01	0.01	10	1280	6 0.01	< 2	1	20	0.08	< 10	< 10	21	< 10	52	
108N 111+00E	201 202	270	2 0.01	0.01	13	1350	8 0.01	< 2	2	34	0.10	< 10	< 10	22	< 10	62	

CERTIFICATION:





# ALS Chemex

Aurora Laboratory Services 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

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 Total Pages : 4  
 Certificate Date: 18-SEP-2000  
 Invoice No. : I0028477  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0028477

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																		
75N 9800E	201	202	< 5	0.2	2.41	12	10	160	< 0.5	6	0.21	< 0.5	5	13	13	1.90	< 10	< 1	0.08	< 10	0.19
75N 9825E	201	202	< 5	0.2	2.53	14	10	150	< 0.5	< 2	0.18	< 0.5	4	11	13	1.72	< 10	< 1	0.05	< 10	0.17
75N 9850E	201	202	< 5	0.2	2.82	14	< 10	160	0.5	< 2	0.22	< 0.5	4	10	13	1.71	< 10	< 1	0.04	< 10	0.15
75N 9875E	201	202	< 5	0.2	2.64	12	< 10	140	0.5	< 2	0.16	< 0.5	4	10	13	1.76	< 10	< 1	0.05	< 10	0.17
75N 9900E	201	202	< 5	0.2	2.75	60	< 10	120	0.5	< 2	0.85	< 0.5	6	13	44	1.95	< 10	< 1	0.04	30	0.19
75N 9925E	201	202	< 5	< 0.2	1.89	16	< 10	100	< 0.5	< 2	0.27	< 0.5	5	9	10	1.51	< 10	< 1	0.04	< 10	0.14
75N 9950E	201	202	10	0.2	2.46	86	< 10	70	0.5	< 2	0.08	< 0.5	5	14	25	2.24	< 10	< 1	0.04	10	0.23
75N 9975E	201	202	< 5	< 0.2	2.22	26	< 10	130	< 0.5	< 2	0.23	< 0.5	6	10	21	1.79	< 10	< 1	0.05	< 10	0.18
75N 10000E	201	202	< 5	< 0.2	2.21	42	< 10	110	< 0.5	< 2	0.24	< 0.5	5	9	24	1.70	< 10	< 1	0.05	< 10	0.16
75N 10025E	201	202	< 5	< 0.2	2.48	20	< 10	40	0.5	< 2	0.20	< 0.5	5	9	15	1.72	< 10	< 1	0.04	< 10	0.16
75N 10050E	201	202	< 5	< 0.2	2.33	18	< 10	100	0.5	< 2	0.13	< 0.5	6	10	18	1.99	< 10	< 1	0.05	< 10	0.19
75N 10075E	201	202	< 5	< 0.2	1.97	18	< 10	80	< 0.5	< 2	0.22	< 0.5	11	11	31	2.61	< 10	< 1	0.06	< 10	0.24
75N 10100E	201	202	10	< 0.2	0.77	8	< 10	40	< 0.5	< 2	0.13	< 0.5	3	10	6	1.40	< 10	< 1	0.03	< 10	0.14
75N 10125E	201	202	< 5	< 0.2	2.32	14	< 10	140	< 0.5	< 2	0.27	< 0.5	4	9	12	1.52	< 10	< 1	0.06	< 10	0.14
75N 10150E	201	202	< 5	< 0.2	2.84	24	< 10	170	0.5	< 2	0.15	< 0.5	6	10	25	1.93	< 10	< 1	0.07	< 10	0.18
75N 10175E	201	202	< 5	< 0.2	1.75	12	< 10	100	< 0.5	< 2	0.17	< 0.5	4	9	7	1.51	< 10	< 1	0.06	< 10	0.18
75N 10200E	201	202	< 5	0.4	1.47	32	< 10	120	< 0.5	< 2	0.15	< 0.5	16	8	103	4.24	< 10	< 1	0.06	< 10	0.16
75+50N 10000E	201	202	5	< 0.2	2.70	30	< 10	90	0.5	< 2	0.17	< 0.5	5	9	18	1.78	< 10	< 1	0.11	< 10	0.17
75+50N 10025E	201	202	< 5	0.2	1.50	12	< 10	140	< 0.5	< 2	0.34	< 0.5	8	8	13	2.01	< 10	< 1	0.06	< 10	0.20
75+50N 10075E	201	202	15	0.4	3.11	12	< 10	80	0.5	< 2	0.12	< 0.5	6	10	35	2.06	< 10	< 1	0.04	< 10	0.19
75+50N 10100E	201	202	< 5	0.2	2.22	14	< 10	120	0.5	< 2	0.16	< 0.5	4	11	15	1.83	< 10	< 1	0.05	< 10	0.18
75+50N 10125E	201	202	< 5	< 0.2	1.50	16	10	110	< 0.5	< 2	0.26	< 0.5	5	12	12	1.92	< 10	< 1	0.09	< 10	0.21
75+50N 10150E	201	202	< 5	< 0.2	3.10	20	< 10	90	0.5	< 2	0.28	< 0.5	4	9	11	1.75	< 10	< 1	0.07	< 10	0.16
75+50N 10175E	201	202	< 5	< 0.2	1.76	22	< 10	110	< 0.5	< 2	0.14	< 0.5	4	10	12	1.70	< 10	< 1	0.05	< 10	0.22
75+50N 10200E	201	202	95	< 0.2	1.56	178	< 10	80	< 0.5	< 2	0.21	< 0.5	9	14	62	3.03	< 10	< 1	0.08	< 10	0.24
76+00N 9800E	201	202	< 5	< 0.2	2.17	18	< 10	90	< 0.5	< 2	0.22	< 0.5	5	10	14	1.68	< 10	< 1	0.04	< 10	0.16
76+00N 9825E	201	202	30	< 0.2	1.58	24	< 10	170	< 0.5	< 2	0.16	< 0.5	6	10	9	2.03	< 10	< 1	0.05	< 10	0.18
76+00N 9850E	201	202	5	< 0.2	1.83	14	< 10	90	< 0.5	< 2	0.07	< 0.5	4	8	9	1.43	< 10	< 1	0.03	< 10	0.11
76+00N 9875E	201	202	< 5	< 0.2	1.73	16	< 10	80	< 0.5	< 2	0.10	< 0.5	4	8	9	1.41	< 10	< 1	0.04	< 10	0.12
76+00N 9900E	201	202	5	< 0.2	1.58	16	< 10	120	< 0.5	< 2	0.16	< 0.5	5	10	9	1.74	< 10	< 1	0.04	< 10	0.17
76+00N 9925E	201	202	35	0.2	2.95	30	< 10	160	0.5	< 2	0.11	< 0.5	6	12	13	2.02	< 10	< 1	0.06	< 10	0.17
76+00N 9950E	201	202	< 5	< 0.2	2.69	30	< 10	130	< 0.5	< 2	0.25	< 0.5	6	10	11	1.77	< 10	< 1	0.06	< 10	0.15
76+00N 9975E	201	202	< 5	< 0.2	2.57	16	< 10	60	0.5	< 2	0.17	< 0.5	6	9	17	1.49	< 10	< 1	0.03	< 10	0.15
76+00N 10000E	201	202	10	< 0.2	2.91	34	< 10	90	0.5	< 2	0.11	< 0.5	6	13	23	2.22	< 10	< 1	0.04	< 10	0.24
76+00N 10025E	201	202	35	< 0.2	1.53	12	< 10	80	< 0.5	< 2	0.31	< 0.5	4	7	7	1.30	< 10	< 1	0.04	< 10	0.10
76+00N 10050E	201	202	10	0.2	2.63	10	< 10	100	< 0.5	< 2	0.19	< 0.5	6	11	34	2.24	< 10	< 1	0.08	10	0.19
76+00N 10075E	201	202	< 5	0.2	2.61	12	< 10	120	0.5	< 2	0.11	< 0.5	5	10	25	1.95	< 10	< 1	0.04	10	0.17
76+00N 10100E	201	202	10	0.2	2.11	10	< 10	110	0.5	< 2	0.13	< 0.5	5	11	18	1.91	< 10	< 1	0.04	10	0.18
76+00N 10125E	201	202	< 5	< 0.2	1.82	10	< 10	120	< 0.5	< 2	0.18	< 0.5	5	11	11	1.88	< 10	< 1	0.06	< 10	0.18
76+00N 10150E	201	202	< 5	< 0.2	1.59	26	< 10	130	< 0.5	< 2	0.13	< 0.5	4	10	7	1.70	< 10	< 1	0.04	< 10	0.14

CERTIFICATION: 



# ALS Chemex

Aurora Laboratory Services 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

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 Certificate Date: 18-SEP-2000  
 Invoice No. : I0028477  
 P.O. Number :  
 Account : CNF

## CERTIFICATE OF ANALYSIS A0028477

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
75N 9800E	201 202	480	3	0.01	10	2620	6	0.01	< 2	1	29	0.09	< 10	< 10	33	< 10	82
75N 9825E	201 202	420	1	0.02	11	2250	6	< 0.01	< 2	1	32	0.09	< 10	< 10	29	< 10	76
75N 9850E	201 202	265	2	0.01	11	1080	6	0.01	< 2	1	33	0.11	< 10	< 10	27	< 10	46
75N 9875E	201 202	330	1	0.01	11	1170	8	0.01	< 2	1	21	0.10	< 10	< 10	28	< 10	70
75N 9900E	201 202	315	3	0.03	14	190	10	0.03	< 2	3	52	0.09	< 10	< 10	29	< 10	62
75N 9925E	201 202	150	1	0.01	9	190	8	0.01	< 2	1	26	0.08	< 10	< 10	26	< 10	74
75N 9950E	201 202	200	2	< 0.01	10	1050	8	0.01	< 2	2	10	0.10	< 10	< 10	41	< 10	66
75N 9975E	201 202	595	2	0.01	13	540	8	< 0.01	< 2	1	27	0.10	< 10	< 10	30	< 10	82
75N 10000E	201 202	365	1	0.01	12	560	8	0.01	2	1	22	0.10	< 10	< 10	26	< 10	68
75N 10025E	201 202	190	2	0.01	9	180	8	0.01	< 2	1	15	0.10	< 10	< 10	26	< 10	34
75N 10050E	201 202	245	2	0.01	10	650	8	0.01	< 2	1	15	0.10	< 10	< 10	33	< 10	42
75N 10075E	201 202	465	1	0.01	13	670	8	0.01	< 2	3	24	0.10	< 10	< 10	40	< 10	66
75N 10100E	201 202	105	< 1	0.01	5	90	4	< 0.01	< 2	< 1	13	0.07	< 10	< 10	30	< 10	24
75N 10125E	201 202	635	1	0.01	9	1340	8	0.01	< 2	1	29	0.09	< 10	< 10	24	< 10	82
75N 10150E	201 202	865	1	0.01	14	1100	8	< 0.01	< 2	3	23	0.11	< 10	< 10	29	< 10	112
75N 10175E	201 202	205	1	0.01	9	370	8	< 0.01	< 2	1	18	0.08	< 10	< 10	24	< 10	80
75N 10200E	201 202	1235	1	0.02	10	1520	6	0.05	< 2	1	26	0.06	< 10	< 10	42	< 10	108
75+50N 10000E	201 202	270	1	0.01	8	1010	6	0.01	< 2	2	19	0.10	< 10	< 10	28	< 10	74
75+50N 10025E	201 202	1265	1	0.01	7	1130	10	0.02	< 2	1	32	0.08	< 10	< 10	32	< 10	112
75+50N 10075E	201 202	245	2	0.01	15	750	10	< 0.01	< 2	3	13	0.12	< 10	< 10	32	< 10	68
75+50N 10100E	201 202	255	1	0.01	12	580	8	< 0.01	< 2	1	18	0.10	< 10	< 10	30	< 10	62
75+50N 10125E	201 202	320	1	0.01	11	640	8	< 0.01	< 2	1	25	0.08	< 10	< 10	34	< 10	66
75+50N 10150E	201 202	365	1	0.01	10	920	6	0.01	< 2	1	25	0.12	< 10	< 10	26	< 10	46
75+50N 10175E	201 202	570	< 1	< 0.01	11	850	8	< 0.01	< 2	1	16	0.08	< 10	< 10	30	< 10	74
75+50N 10200E	201 202	600	1	0.01	31	700	6	0.01	2	2	23	0.06	< 10	< 10	36	< 10	120
76+00N 9800E	201 202	300	1	0.01	8	1210	6	0.01	< 2	1	38	0.09	< 10	< 10	29	< 10	60
76+00N 9825E	201 202	820	1	0.01	8	2320	8	0.02	< 2	1	25	0.07	< 10	< 10	30	< 10	114
76+00N 9850E	201 202	325	1	0.01	9	1390	6	< 0.01	< 2	1	12	0.08	< 10	< 10	24	< 10	50
76+00N 9875E	201 202	205	1	0.01	8	600	8	0.01	< 2	< 1	15	0.08	< 10	< 10	24	< 10	34
76+00N 9900E	201 202	600	1	0.01	8	780	6	0.01	< 2	1	19	0.07	< 10	< 10	30	< 10	56
76+00N 9925E	201 202	120	1	0.01	12	340	8	< 0.01	< 2	1	19	0.11	< 10	< 10	32	< 10	46
76+00N 9950E	201 202	160	1	0.02	12	250	10	0.01	< 2	1	27	0.11	< 10	< 10	28	< 10	44
76+00N 9975E	201 202	85	2	0.01	9	410	6	0.03	2	1	16	0.10	< 10	< 10	29	< 10	26
76+00N 10000E	201 202	320	2	0.01	11	1190	8	0.01	< 2	3	15	0.11	< 10	< 10	40	< 10	56
76+00N 10025E	201 202	85	1	0.01	7	210	6	< 0.01	< 2	1	22	0.06	< 10	< 10	22	< 10	24
76+00N 10050E	201 202	245	2	0.01	13	950	8	0.01	< 2	3	19	0.11	< 10	< 10	34	< 10	54
76+00N 10075E	201 202	145	1	0.01	11	710	6	< 0.01	< 2	3	17	0.11	< 10	< 10	30	< 10	50
76+00N 10100E	201 202	205	1	0.01	11	560	6	< 0.01	< 2	2	17	0.10	< 10	< 10	32	< 10	44
76+00N 10125E	201 202	530	1	0.01	12	470	8	< 0.01	< 2	1	18	0.09	< 10	< 10	32	< 10	82
76+00N 10150E	201 202	405	1	0.01	7	1350	10	< 0.01	< 2	1	20	0.10	< 10	< 10	27	< 10	178

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# ALS Chemex

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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY  
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## CERTIFICATE OF ANALYSIS A0028477

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 %
76+00N 10175E	201 202	125 < 0.2	1.55	76 < 10	130 < 0.5	< 2	0.15 < 0.5	4	10	20	1.69 < 10	< 1	0.04 < 10	0.19						
76+00N 10200E	201 202	10 < 0.2	1.83	84 < 10	150 < 0.5	< 2	0.17 < 0.5	5	11	18	1.83 < 10	< 1	0.06 < 10	0.22						
76+50N 10125E	201 202	< 5 < 0.2	2.05	18 < 10	70 < 0.5	< 2	0.13 < 0.5	5	9	32	2.05 < 10	< 1	0.05 < 10	0.14						
76+50N 10150E	201 202	95 1.6	2.18	28 < 10	160 < 0.5	< 2	0.34 < 0.5	12	16	117	6.62 < 10	< 1	0.09 < 10	0.19						
76+50N 10175E	201 202	25 0.4	1.94	32 < 10	120 < 0.5	< 2	0.21 < 0.5	7	13	70	3.81 < 10	< 1	0.06 < 10	0.22						
76+50N 10200E	201 202	5 < 0.2	2.27	20 < 10	120 < 0.5	< 2	0.13 < 0.5	5	12	16	2.04 < 10	< 1	0.04 < 10	0.20						
75+50N 9625E	201 202	< 5 < 0.2	2.02	28 < 10	200 < 0.5	< 2	0.32 < 0.5	10	25	20	3.30 < 10	< 1	0.25 < 10	0.61						
75+50N 9650E	201 202	< 5 0.2	1.88	14 < 10	260 < 0.5	< 2	0.56 1.0	7	14	13	1.92 < 10	< 1	0.15 < 10	0.33						
75+50N 9675E	201 202	< 5 0.6	0.78	8 < 10	170 < 0.5	< 2	0.17 2.5	3	6	12	0.87 < 10	< 1	0.05 < 10	0.09						
75+50N 9700E	201 202	< 5 < 0.2	1.56	12 < 10	110 < 0.5	< 2	0.16 < 0.5	6	12	7	1.70 < 10	< 1	0.05 < 10	0.21						
75+50N 9725E	201 202	< 5 0.2	1.91	18 < 10	110 < 0.5	< 2	0.41 < 0.5	6	13	14	1.99 < 10	< 1	0.07 < 10	0.28						
75+50N 9750E	201 202	< 5 < 0.2	2.45	18 < 10	220 < 0.5	< 2	0.28 < 0.5	6	16	16	2.13 < 10	< 1	0.09 < 10	0.34						
75+50N 9775E	201 202	< 5 < 0.2	1.56	14 < 10	110 < 0.5	< 2	0.13 < 0.5	5	9	8	1.49 < 10	< 1	0.04 < 10	0.16						
75+50N 9800E	201 202	10 0.2	2.38	52 < 10	90 < 0.5	< 2	0.15 < 0.5	5	10	12	1.79 < 10	< 1	0.04 < 10	0.16						
75+50N 9825E	201 202	10 0.2	2.13	16 < 10	170 < 0.5	< 2	0.12 < 0.5	4	10	13	1.70 < 10	< 1	0.05 < 10	0.16						
75+50N 9850E	201 202	< 5 < 0.2	2.32	20 < 10	160 < 0.5	< 2	0.30 < 0.5	5	11	14	1.73 < 10	< 1	0.10 < 10	0.17						
75+50N 9875E	201 202	< 5 0.2	2.09	14 < 10	160 < 0.5	< 2	0.13 < 0.5	4	11	16	1.83 < 10	< 1	0.05 < 10	0.17						
75+50N 9900E	201 202	< 5 0.2	2.04	114 < 10	110 < 0.5	< 2	0.21 < 0.5	7	10	25	1.93 < 10	< 1	0.05 < 10	0.19						
77+50N 9900E	201 202	< 5 0.2	2.35	64 < 10	130 < 0.5	< 2	0.20 < 0.5	6	10	20	1.88 < 10	< 1	0.08 < 10	0.17						
77+50N 9925E	201 202	< 5 < 0.2	2.44	20 < 10	140 < 0.5	< 2	0.22 < 0.5	5	9	12	1.69 < 10	< 1	0.05 < 10	0.15						
75+50N 9925E	201 202	< 5 < 0.2	1.65	62 < 10	160 < 0.5	< 2	0.10 < 0.5	5	11	9	1.62 < 10	< 1	0.05 < 10	0.19						
77+50N 9950E	201 202	15 0.2	1.69	72 < 10	230 < 0.5	< 2	0.42 < 0.5	13	11	104	5.15 < 10	< 1	0.09 < 10	0.28						
75+50N 9950E	201 202	< 5 < 0.2	1.27	28 < 10	50 < 0.5	< 2	0.16 < 0.5	3	8	6	1.18 < 10	< 1	0.04 < 10	0.15						
75+50N 9975E	201 202	< 5 0.2	1.92	32 < 10	120 < 0.5	< 2	0.23 < 0.5	9	11	30	2.47 < 10	< 1	0.05 < 10	0.21						
77+50N 9975E	201 202	< 5 < 0.2	1.42	28 < 10	60 < 0.5	< 2	0.13 < 0.5	3	9	10	1.53 < 10	< 1	0.04 < 10	0.12						
75+50N 10000E	201 202	15 < 0.2	1.20	40 < 10	80 < 0.5	< 2	0.17 < 0.5	4	12	19	1.96 < 10	< 1	0.09 < 10	0.18						
77+50N 10025E	201 202	< 5 < 0.2	1.37	66 < 10	110 < 0.5	< 2	0.26 < 0.5	3	8	9	1.40 < 10	< 1	0.05 < 10	0.12						
78+25N 10350E	201 202	< 5 0.2	1.99	94 < 10	120 < 0.5	< 2	0.19 < 0.5	5	11	24	1.71 < 10	< 1	0.06 < 10	0.19						
78+50N 9900E	201 202	< 5 < 0.2	2.19	282 < 10	130 < 0.5	< 2	0.33 2.0	4	9	14	1.63 < 10	< 1	0.07 < 10	0.15						
78+50N 10325E	201 202	< 5 < 0.2	1.46	260 < 10	50 < 0.5	< 2	0.18 < 0.5	4	9	13	1.55 < 10	< 1	0.05 < 10	0.13						
78+50N 10375E	201 202	70 0.2	1.99	356 < 10	150 < 0.5	< 2	0.17 < 0.5	6	13	30	1.98 < 10	< 1	0.07 < 10	0.24						
78+75N 10350E	201 202	30 < 0.2	2.02	54 < 10	90 < 0.5	< 2	0.31 < 0.5	4	8	23	1.60 < 10	< 1	0.05 < 10	0.18						
78+75N 10375E	201 202	50 0.2	2.07	290 < 10	170 < 0.5	< 2	0.13 < 0.5	5	11	17	1.89 < 10	< 1	0.06 < 10	0.17						
79+25N 10350E	201 202	30 0.2	1.80	98 < 10	120 < 0.5	< 2	0.15 < 0.5	5	12	15	1.83 < 10	< 1	0.06 < 10	0.24						
79+25N 10372E	201 202	< 5 < 0.2	1.11	18 < 10	70 < 0.5	< 2	0.14 < 0.5	3	9	7	1.27 < 10	< 1	0.05 < 10	0.16						
82N 10025E	201 202	50 0.2	1.73	284 < 10	100 < 0.5	< 2	0.33 < 0.5	12	12	137	2.31 < 10	< 1	0.10 < 10	0.32						
82+50N 10000E	201 202	10 0.2	1.69	342 < 10	140 < 0.5	< 2	0.36 < 0.5	8	9	63	1.99 < 10	< 1	0.12 < 10	0.13						
82+50N 10025E	201 202	5 0.2	2.02	148 < 10	130 < 0.5	< 2	0.18 < 0.5	6	10	56	1.82 < 10	< 1	0.06 < 10	0.21						
82+50N 10050E	201 202	240 0.4	0.95	516 < 10	140 < 0.5	< 2	0.26 < 0.5	12	7	118	1.91 < 10	< 1	0.07 < 10	0.19						
82+50N 10075E	201 202	< 5 < 0.2	1.81	48 < 10	210 < 0.5	< 2	0.20 < 0.5	4	8	12	1.37 < 10	< 1	0.08 < 10	0.16						

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## CERTIFICATE OF ANALYSIS

A0028477

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
76+00N 10175E	201 202	435	1	0.01	10	760	6 < 0.01	< 2	1	21	0.07	< 10	< 10	26	< 10	86	
76+00N 10200E	201 202	490	1	0.01	14	770	6 < 0.01	< 2	1	18	0.08	< 10	< 10	31	< 10	62	
76+50N 10125E	201 202	105	1	0.01	12	220	8 0.01	< 2	1	14	0.09	< 10	< 10	30	< 10	32	
76+50N 10150E	201 202	1230	3	0.01	33	2320	10 0.09	< 2	3	40	0.09	< 10	< 10	50	< 10	186	
76+50N 10175E	201 202	510	2	0.01	18	1060	8 0.04	2	2	27	0.10	< 10	< 10	38	< 10	76	
76+50N 10200E	201 202	460	1	0.01	15	820	8 < 0.01	< 2	1	17	0.10	< 10	< 10	34	< 10	64	
75+50N 9625E	201 202	430	1	0.01	11	430	10 < 0.01	< 2	4	40	0.09	< 10	< 10	70	< 10	180	
75+50N 9650E	201 202	835	1	0.01	11	990	12 0.01	< 2	1	75	0.07	< 10	< 10	33	< 10	316	
75+50N 9675E	201 202	720	< 1	0.02	4	610	8 < 0.01	< 2	< 1	34	0.04	< 10	< 10	16	< 10	172	
75+50N 9700E	201 202	380	< 1	0.01	7	1290	6 0.01	< 2	1	24	0.07	< 10	< 10	30	< 10	176	
75+50N 9725E	201 202	285	1	0.01	8	530	6 0.01	< 2	2	46	0.08	< 10	< 10	36	< 10	346	
75+50N 9750E	201 202	370	1	0.01	11	2000	6 0.01	< 2	3	32	0.09	< 10	< 10	40	< 10	204	
75+50N 9775E	201 202	370	1	0.01	7	960	6 < 0.01	< 2	1	17	0.06	< 10	< 10	25	< 10	188	
75+50N 9800E	201 202	150	1	0.01	11	290	6 0.01	< 2	1	24	0.09	< 10	< 10	29	< 10	242	
75+50N 9825E	201 202	200	1	0.01	12	1490	6 < 0.01	< 2	1	21	0.09	< 10	< 10	29	< 10	70	
75+50N 9850E	201 202	540	1	0.01	11	940	8 0.01	< 2	1	32	0.09	< 10	< 10	28	< 10	88	
75+50N 9875E	201 202	175	1	0.01	10	630	8 < 0.01	< 2	2	18	0.09	< 10	< 10	31	< 10	60	
75+50N 9900E	201 202	455	1	0.01	14	1090	8 0.01	< 2	1	26	0.09	< 10	< 10	29	< 10	94	
77+50N 9900E	201 202	280	1	0.01	12	630	6 0.01	< 2	1	28	0.09	< 10	< 10	30	< 10	58	
77+50N 9925E	201 202	175	1	0.01	11	380	6 < 0.01	< 2	1	24	0.09	< 10	< 10	26	< 10	50	
75+50N 9925E	201 202	395	1	0.01	8	1420	8 < 0.01	< 2	1	15	0.08	< 10	< 10	26	< 10	92	
77+50N 9950E	201 202	1265	2	0.01	17	1390	10 0.04	< 2	2	44	0.08	< 10	< 10	54	< 10	80	
75+50N 9950E	201 202	180	1	0.01	5	90	8 < 0.01	< 2	1	12	0.08	< 10	< 10	21	< 10	34	
75+50N 9975E	201 202	1015	1	0.01	17	1330	6 0.03	< 2	1	26	0.09	< 10	< 10	35	< 10	70	
77+50N 9975E	201 202	75	1	0.01	8	100	6 0.01	< 2	< 1	13	0.08	< 10	< 10	29	< 10	32	
75+50N 10000E	201 202	130	1	0.01	9	420	6 < 0.01	< 2	1	20	0.07	< 10	< 10	36	< 10	28	
77+50N 10025E	201 202	325	1	0.01	7	500	8 < 0.01	< 2	1	33	0.07	< 10	< 10	24	< 10	36	
78+25N 10350E	201 202	345	1	0.01	10	310	8 < 0.01	< 2	1	24	0.09	< 10	< 10	26	< 10	62	
78+50N 9900E	201 202	750	1	0.03	12	680	8 0.01	< 2	1	45	0.09	< 10	< 10	25	< 10	366	
78+50N 10325E	201 202	95	1	0.01	7	100	8 < 0.01	< 2	< 1	15	0.06	< 10	< 10	26	< 10	24	
78+50N 10375E	201 202	275	1	0.01	11	400	6 < 0.01	< 2	2	22	0.09	< 10	< 10	33	< 10	52	
78+75N 10350E	201 202	130	< 1	0.02	8	380	6 < 0.01	< 2	2	24	0.08	< 10	< 10	24	< 10	32	
78+75N 10375E	201 202	640	1	0.01	9	2350	6 0.01	< 2	1	15	0.09	< 10	< 10	28	< 10	80	
79+25N 10350E	201 202	415	2	0.01	12	460	8 < 0.01	< 2	1	19	0.08	< 10	< 10	32	< 10	54	
79+25N 10372E	201 202	295	1	0.01	7	190	6 < 0.01	< 2	< 1	14	0.06	< 10	< 10	22	< 10	26	
82N 10025E	201 202	510	2	0.02	40	470	6 0.01	< 2	3	36	0.06	< 10	< 10	35	< 10	72	
82+50N 10000E	201 202	490	1	0.02	33	450	4 0.01	< 2	1	44	0.07	< 10	< 10	20	< 10	100	
82+50N 10025E	201 202	325	1	0.01	24	980	8 0.01	< 2	1	25	0.09	< 10	< 10	30	< 10	72	
82+50N 10050E	201 202	645	2	0.02	11	540	6 0.02	2	1	33	0.03	< 10	< 10	23	< 10	70	
82+50N 10075E	201 202	515	1	0.02	10	1140	6 < 0.01	< 2	1	34	0.08	< 10	< 10	21	< 10	74	

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 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0028477

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																				
82+50N 10100E	201	202	< 5	< 0.2	1.98	150	< 10	140	< 0.5	< 2	0.28	< 0.5	5	10	19	1.64	< 10	< 1	0.07	< 10	0.16
82+50N 10125E	201	202	< 5	< 0.2	1.98	198	< 10	190	< 0.5	< 2	0.37	< 0.5	5	10	17	1.72	< 10	< 1	0.06	< 10	0.15
82+50N 10180E	201	202	20	< 0.2	1.62	64	< 10	80	< 0.5	< 2	0.58	< 0.5	7	11	24	1.77	< 10	< 1	0.03	10	0.18
82+50N 10200E	201	202	20	< 0.2	1.83	36	< 10	90	< 0.5	< 2	0.11	< 0.5	4	8	13	1.55	< 10	< 1	0.04	< 10	0.12
83N 10000E	201	202	< 5	0.2	2.17	18	< 10	110	< 0.5	< 2	0.22	< 0.5	7	8	49	1.81	< 10	< 1	0.06	< 10	0.15
83N 10025E	201	202	10	0.2	2.24	104	< 10	110	< 0.5	< 2	0.13	< 0.5	7	10	81	1.88	< 10	< 1	0.07	< 10	0.20
83N 10050E	201	202	5	0.2	2.78	48	< 10	170	< 0.5	< 2	0.19	< 0.5	4	9	25	1.69	< 10	< 1	0.08	< 10	0.19
83N 10075E	201	202	< 5	< 0.2	1.78	14	< 10	150	< 0.5	< 2	0.28	< 0.5	7	16	16	2.09	< 10	< 1	0.15	10	0.42
83N 10100E	201	202	< 5	0.2	1.59	24	< 10	170	< 0.5	< 2	0.31	< 0.5	7	17	19	2.35	< 10	< 1	0.16	10	0.39
83N 10125E	201	202	30	< 0.2	2.42	42	< 10	110	0.5	< 2	0.24	< 0.5	7	12	39	2.40	< 10	< 1	0.07	10	0.32
83N 10150E	201	202	< 5	< 0.2	1.57	16	< 10	100	< 0.5	< 2	0.27	< 0.5	5	9	12	1.49	< 10	< 1	0.05	< 10	0.15
83N 10175E	201	202	< 5	< 0.2	2.65	22	< 10	170	0.5	< 2	0.30	< 0.5	5	10	13	1.73	< 10	< 1	0.09	< 10	0.17
83N 10200E	201	202	410	0.2	2.49	184	< 10	100	< 0.5	< 2	0.26	< 0.5	16	12	107	2.64	< 10	< 1	0.08	< 10	0.27
83+50N 10050E	201	202	5	< 0.2	1.82	20	< 10	160	< 0.5	< 2	0.23	< 0.5	7	10	22	1.88	< 10	< 1	0.09	< 10	0.21
83+50N 10075E	201	202	< 5	0.2	2.26	10	< 10	120	< 0.5	< 2	0.19	< 0.5	5	10	14	1.74	< 10	< 1	0.10	< 10	0.17
83+50N 10100E	201	202	< 5	< 0.2	2.68	14	< 10	120	0.5	< 2	0.18	< 0.5	5	12	30	1.97	< 10	< 1	0.07	< 10	0.14
83+50N 10150E	201	202	10	< 0.2	1.92	20	< 10	160	0.5	< 2	0.25	< 0.5	9	14	22	2.40	< 10	< 1	0.07	10	0.36
83+50N 10175E	201	202	35	< 0.2	2.18	34	< 10	130	< 0.5	< 2	0.25	< 0.5	6	11	36	1.90	< 10	< 1	0.09	< 10	0.24
83+50N 10200E	201	202	20	0.4	1.88	74	< 10	210	< 0.5	< 2	0.49	< 0.5	16	12	63	2.75	< 10	< 1	0.07	< 10	0.35
84N 10025E	201	202	65	0.2	2.78	118	< 10	100	< 0.5	< 2	0.27	< 0.5	14	11	85	3.00	< 10	< 1	0.06	< 10	0.24
84N 10050E	201	202	10	< 0.2	1.94	34	< 10	160	< 0.5	< 2	0.15	< 0.5	5	7	15	1.43	< 10	< 1	0.06	< 10	0.12
84N 10075E	201	202	< 5	0.2	2.57	14	< 10	160	0.5	< 2	0.13	< 0.5	4	9	14	1.64	< 10	< 1	0.05	< 10	0.16
84N 10100E	201	202	< 5	< 0.2	2.55	12	< 10	120	< 0.5	< 2	0.14	< 0.5	5	8	12	1.54	< 10	< 1	0.05	< 10	0.13
84N 10125E	201	202	< 5	0.2	2.14	16	< 10	100	< 0.5	< 2	0.16	< 0.5	5	9	21	1.68	< 10	< 1	0.05	< 10	0.18
84N 10150E	201	202	< 5	< 0.2	1.88	12	< 10	180	< 0.5	< 2	0.33	< 0.5	7	14	14	2.02	< 10	< 1	0.07	10	0.33
84N 10175E	201	202	< 5	< 0.2	1.28	8	< 10	300	< 0.5	< 2	0.52	< 0.5	5	10	11	1.50	< 10	< 1	0.16	< 10	0.23
84N 10200E	201	202	< 5	< 0.2	1.94	16	< 10	170	< 0.5	< 2	0.40	< 0.5	5	8	19	1.53	< 10	< 1	0.06	< 10	0.16
84+50N 10000E	201	202	20	< 0.2	2.89	96	< 10	130	0.5	< 2	0.42	< 0.5	10	13	46	2.68	< 10	< 1	0.11	10	0.38
84+50N 10025E	201	202	15	< 0.2	2.90	36	< 10	90	0.5	< 2	0.32	< 0.5	11	15	51	2.77	< 10	< 1	0.10	10	0.40
84+50N 10050E	201	202	5	< 0.2	3.09	38	< 10	110	0.5	< 2	0.38	< 0.5	12	16	52	2.95	< 10	< 1	0.11	10	0.43
84+50N 10075E	201	202	< 5	0.2	2.27	22	< 10	160	< 0.5	< 2	0.21	< 0.5	5	12	15	1.78	< 10	< 1	0.12	< 10	0.21
84+50N 10100E	201	202	< 5	< 0.2	2.84	30	< 10	130	0.5	< 2	0.20	< 0.5	5	10	11	1.83	< 10	< 1	0.05	< 10	0.17
84+50N 10125E	201	202	< 5	< 0.2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
84+50N 10150E	201	202	< 5	< 0.2	2.14	12	< 10	90	< 0.5	< 2	0.14	< 0.5	5	11	20	1.96	< 10	< 1	0.04	< 10	0.16
84+50N 10175E	201	202	< 5	< 0.2	2.31	20	< 10	170	< 0.5	< 2	0.16	< 0.5	5	11	14	1.90	< 10	< 1	0.08	< 10	0.22
84+50N 10200E	201	202	20	< 0.2	2.59	34	< 10	260	0.5	< 2	0.21	< 0.5	7	16	29	2.52	< 10	< 1	0.12	< 10	0.35
85N 10025E	201	202	30	< 0.2	2.26	94	< 10	160	< 0.5	< 2	0.23	< 0.5	9	11	30	2.27	< 10	< 1	0.11	< 10	0.29
85N 10125E	201	202	20	< 0.2	2.48	20	< 10	120	< 0.5	< 2	0.11	< 0.5	7	10	28	1.86	< 10	< 1	0.06	< 10	0.17
85N 10175E	201	202	< 5	< 0.2	1.80	130	< 10	90	0.5	< 2	0.64	0.5	6	9	317	1.57	< 10	< 1	0.07	40	0.17
104N 10475E	201	202	10	0.2	2.59	36	< 10	60	0.5	< 2	0.85	< 0.5	8	7	46	2.20	< 10	< 1	0.05	40	0.22

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

Aurora Laboratory Services 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 : 4  
 Certificate Date: 18-SEP-2000  
 Invoice No. : 10028477  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0028477

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
82+50N 10100E	201	202	460	1	0.01	11	680	16	0.01	< 2	1	35	0.09	< 10	< 10	26	< 10	66
82+50N 10125E	201	202	450	1	0.01	9	1520	8	0.01	< 2	1	47	0.08	< 10	< 10	27	< 10	78
82+50N 10180E	201	202	160	1	0.03	10	140	6	0.02	< 2	2	75	0.07	< 10	< 10	28	< 10	36
82+50N 10200E	201	202	260	2	0.01	8	370	6	< 0.01	< 2	1	17	0.08	< 10	< 10	24	< 10	50
83N 10000E	201	202	260	1	0.02	16	510	6	0.01	< 2	2	28	0.10	< 10	< 10	26	< 10	52
83N 10025E	201	202	390	1	0.01	23	620	6	< 0.01	< 2	3	18	0.10	< 10	< 10	28	< 10	92
83N 10050E	201	202	340	3	0.01	22	1560	6	0.01	< 2	1	24	0.10	< 10	< 10	25	< 10	84
83N 10075E	201	202	265	1	0.01	10	430	6	< 0.01	< 2	2	34	0.05	< 10	< 10	36	< 10	48
83N 10100E	201	202	625	1	0.01	14	500	8	< 0.01	< 2	2	41	0.06	< 10	< 10	40	< 10	66
83N 10125E	201	202	400	2	0.01	20	960	6	< 0.01	< 2	4	33	0.09	< 10	< 10	44	< 10	78
83N 10150E	201	202	280	1	0.01	9	490	8	0.01	< 2	1	27	0.08	< 10	< 10	26	< 10	44
83N 10175E	201	202	805	2	0.01	10	950	6	0.01	< 2	2	32	0.09	< 10	< 10	28	< 10	52
83N 10200E	201	202	490	4	0.01	31	530	8	0.01	< 2	2	38	0.10	< 10	< 10	38	< 10	62
83+50N 10050E	201	202	580	1	0.01	13	1230	8	0.01	< 2	1	26	0.08	< 10	< 10	30	< 10	66
83+50N 10075E	201	202	160	2	0.02	11	330	6	0.01	< 2	1	26	0.10	< 10	< 10	29	< 10	42
83+50N 10100E	201	202	130	2	0.02	22	120	8	0.01	< 2	3	24	0.10	< 10	< 10	30	< 10	20
83+50N 10150E	201	202	810	1	0.01	18	530	8	0.01	< 2	2	35	0.06	< 10	< 10	40	< 10	74
83+50N 10175E	201	202	360	1	0.02	18	1130	6	0.02	< 2	3	42	0.08	< 10	< 10	27	< 10	46
83+50N 10200E	201	202	1750	2	0.01	16	1600	12	0.03	< 2	3	58	0.08	< 10	< 10	50	< 10	146
84N 10025E	201	202	655	3	0.01	18	1890	8	0.03	< 2	3	33	0.11	< 10	< 10	45	< 10	76
84N 10050E	201	202	480	1	0.01	9	1420	6	0.01	< 2	1	19	0.08	< 10	< 10	21	< 10	52
84N 10075E	201	202	305	1	0.01	11	1340	6	0.01	< 2	1	16	0.10	< 10	< 10	26	< 10	62
84N 10100E	201	202	430	3	0.02	14	990	6	< 0.01	< 2	1	17	0.11	< 10	< 10	24	< 10	46
84N 10125E	201	202	240	1	0.02	15	390	6	< 0.01	< 2	1	21	0.09	< 10	< 10	26	< 10	50
84N 10150E	201	202	655	1	0.01	13	1460	12	0.01	< 2	3	39	0.12	< 10	< 10	35	< 10	90
84N 10175E	201	202	685	1	0.01	8	640	6	0.01	< 2	1	56	0.05	< 10	< 10	23	< 10	62
84N 10200E	201	202	420	1	0.02	11	340	10	0.01	< 2	1	48	0.08	< 10	< 10	24	< 10	40
84+50N 10000E	201	202	720	2	0.01	13	1380	10	0.02	< 2	3	39	0.09	< 10	< 10	42	< 10	90
84+50N 10025E	201	202	440	3	0.01	13	830	8	0.01	< 2	3	33	0.07	< 10	< 10	43	< 10	90
84+50N 10050E	201	202	595	2	0.01	14	990	10	0.01	< 2	3	38	0.08	< 10	< 10	46	< 10	100
84+50N 10075E	201	202	335	1	0.01	13	1020	6	< 0.01	< 2	2	26	0.09	< 10	< 10	25	< 10	62
84+50N 10100E	201	202	355	2	0.01	19	1150	8	0.01	< 2	1	22	0.11	< 10	< 10	30	< 10	58
84+50N 10125E	201	202	< 5	< 1	< 0.01	< 1	< 10	< 2	< 0.01	< 2	< 1	< 1	< 0.01	< 10	< 10	< 1	< 10	< 2
84+50N 10150E	201	202	155	2	0.01	11	620	8	< 0.01	< 2	1	20	0.09	< 10	< 10	32	< 10	36
84+50N 10175E	201	202	395	1	0.01	15	820	8	< 0.01	< 2	1	25	0.10	< 10	< 10	31	< 10	64
84+50N 10200E	201	202	505	2	0.01	27	1100	8	0.01	< 2	3	29	0.09	< 10	< 10	40	< 10	112
85N 10025E	201	202	530	2	0.01	12	510	6	< 0.01	< 2	2	28	0.08	< 10	< 10	41	< 10	52
85N 10125E	201	202	450	2	0.01	14	1550	8	0.01	< 2	1	17	0.11	< 10	< 10	29	< 10	62
85N 10175E	201	202	670	1	0.02	65	300	10	0.02	< 2	3	55	0.07	< 10	< 10	23	< 10	44
104N 10475E	201	202	365	3	0.03	10	270	6	0.03	< 2	3	70	0.09	< 10	< 10	23	< 10	36

CERTIFICATION:



# ALS Chemex

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 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 : 4-A  
 Total Pages : 4  
 Certificate Date: 18-SEP-2000  
 Invoice No. : 10028477  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS

A0028477

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	%	ppm	%
104N 10500E	201	202	15	< 0.2	2.81	136	< 10	160	0.5	< 2	0.28	< 0.5	9	10	31	2.60	< 10	< 1	0.08	< 10	0.38
104N 10525E	201	202	30	< 0.2	2.52	136	< 10	160	0.5	< 2	0.21	< 0.5	7	9	22	2.12	< 10	< 1	0.08	< 10	0.26
104N 10550E	201	202	< 5	< 0.2	2.54	18	< 10	120	0.5	< 2	0.23	< 0.5	6	9	28	2.12	< 10	< 1	0.05	10	0.25
104N 10575E	201	202	< 5	0.2	2.83	38	< 10	100	0.5	< 2	0.32	< 0.5	8	10	26	2.19	< 10	< 1	0.08	10	0.24
104N 10600E	201	202	< 5	< 0.2	2.79	106	< 10	70	0.5	< 2	0.72	< 0.5	5	8	30	1.74	< 10	< 1	0.05	10	0.16
104N 10625E	201	202	< 5	< 0.2	2.24	26	< 10	50	0.5	< 2	1.22	< 0.5	4	11	38	1.71	< 10	< 1	0.04	20	0.26
104N 10650E	201	202	< 5	0.6	3.11	128	< 10	50	0.5	< 2	0.81	< 0.5	4	8	29	1.72	< 10	< 1	0.04	20	0.14
104N 10675E	201	202	270	1.0	3.07	96	< 10	150	0.5	< 2	0.42	< 0.5	41	17	128	4.88	< 10	< 1	0.11	< 10	0.69
104N 10700E	201	202	< 5	0.2	2.52	12	< 10	140	0.5	< 2	0.20	< 0.5	5	10	13	1.87	< 10	< 1	0.09	< 10	0.23
104N 10725E	201	202	< 5	< 0.2	2.37	12	< 10	150	0.5	< 2	0.20	< 0.5	4	8	10	1.58	< 10	< 1	0.08	< 10	0.19
104N 10750E	201	202	10	< 0.2	1.72	40	< 10	150	< 0.5	< 2	0.19	< 0.5	4	10	8	1.58	< 10	< 1	0.07	< 10	0.19

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

Aurora Laboratory Services 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

Page Number : 4-B  
 Total Pages : 4  
 Certificate Date: 18-SEP-2000  
 Invoice No. : I0028477  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0028477

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
104N 10500E	201	202	635	3	0.01	11	700	8	0.01	< 2	3	40	0.09	< 10	< 10	40	< 10	98
104N 10525E	201	202	630	3	0.01	10	550	8	< 0.01	< 2	2	31	0.11	< 10	< 10	32	< 10	76
104N 10550E	201	202	565	5	0.01	8	830	10	0.01	< 2	2	37	0.10	< 10	< 10	34	< 10	48
104N 10575E	201	202	390	3	0.01	13	480	10	0.01	< 2	3	43	0.11	< 10	< 10	35	< 10	48
104N 10600E	201	202	625	4	0.03	25	350	10	0.03	< 2	1	42	0.11	< 10	< 10	22	< 10	54
104N 10625E	201	202	115	3	0.02	38	150	6	0.03	< 2	4	57	0.09	< 10	< 10	32	< 10	40
104N 10650E	201	202	240	4	0.03	17	310	10	0.03	< 2	2	42	0.12	< 10	< 10	20	< 10	34
104N 10675E	201	202	1195	5	0.01	161	1290	12	0.03	2	5	56	0.11	< 10	< 10	57	< 10	160
104N 10700E	201	202	295	3	0.01	15	450	6	< 0.01	< 2	1	27	0.11	< 10	< 10	28	< 10	58
104N 10725E	201	202	635	2	0.01	9	650	12	< 0.01	< 2	1	27	0.10	< 10	< 10	25	< 10	48
104N 10750E	201	202	525	1	0.01	9	590	10	< 0.01	< 2	1	32	0.09	< 10	< 10	26	< 10	62

CERTIFICATION: \_\_\_\_\_





# ALS Chemex

Aurora Laboratory Services 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 : 1  
 Certificate Date: 29-SEP-2000  
 Invoice No. : A0029632  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0029632

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
TR2-5	201	202	235	< 1	0.03	12	500	8	< 0.01	< 2	3	30	0.06	< 10	< 10	32	< 10	28
TR2-12	201	202	250	2	0.03	9	760	8	0.01	< 2	4	39	0.07	< 10	< 10	41	< 10	32
TR3-4	201	202	220	1	0.03	7	640	6	< 0.01	< 2	1	26	0.06	< 10	< 10	35	< 10	26
TR8-3	201	202	370	1	0.01	9	470	6	< 0.01	< 2	1	21	0.07	< 10	< 10	30	< 10	46
TR22-1.5	201	202	225	< 1	0.02	9	500	6	< 0.01	< 2	3	28	0.08	< 10	< 10	36	< 10	30
TR23-1	201	202	205	< 1	0.02	13	780	4	< 0.01	< 2	1	22	0.05	< 10	< 10	32	< 10	20
TR23-8	201	202	210	< 1	0.02	13	840	4	< 0.01	< 2	1	25	0.05	< 10	< 10	32	< 10	22

CERTIFICATION:



# ALS Chemex

Aurora Laboratory Services 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 : 1  
 Certificate Date: 29-SEP-2000  
 Invoice No. : 10029632  
 P.O. Number :  
 Account : CNF

## CERTIFICATE OF ANALYSIS A0029632

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	%
TR2-5	201	202	15	< 0.2	0.72	72	< 10	30	0.5	< 2	0.34	< 0.5	5	13	51	1.81	< 10	< 1	0.05	10	0.24
TR2-12	201	202	15	< 0.2	0.89	70	< 10	40	0.5	< 2	0.44	< 0.5	5	17	32	1.93	< 10	< 1	0.06	20	0.33
TR3-4	201	202	10	< 0.2	0.58	26	< 10	40	0.5	< 2	0.31	< 0.5	5	12	14	1.85	< 10	< 1	0.03	10	0.21
TR8-3	201	202	20	< 0.2	1.30	16	< 10	70	0.5	< 2	0.14	< 0.5	5	10	10	1.61	< 10	< 1	0.05	< 10	0.13
TR22-1.5	201	202	< 5	< 0.2	1.13	6	< 10	60	0.5	< 2	0.24	< 0.5	5	15	18	1.82	< 10	< 1	0.06	20	0.26
TR23-1	201	202	< 5	< 0.2	0.32	12	< 10	10	< 0.5	< 2	0.31	< 0.5	5	15	13	1.62	< 10	< 1	0.03	10	0.26
TR23-8	201	202	< 5	< 0.2	0.37	12	< 10	10	< 0.5	< 2	0.34	< 0.5	5	16	13	1.64	< 10	< 1	0.03	10	0.26

CERTIFICATION: \_\_\_\_\_

**APPENDIX 1B**



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
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107 - 2274 FOLKESTONE WAY  
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 Total Pages : 1  
 Certificate Date: 30-AUG-2000  
 Invoice No. : I0026706  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0026706

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 %
215701	205 226	260	1.2	1.42	416	< 10	80	< 0.5	2	0.49	< 0.5	7	99	319	4.32	< 10	< 1	0.48	< 10	0.74
215702	205 226	35	0.2	1.39	82	< 10	60	< 0.5	< 2	0.74	< 0.5	6	50	124	1.52	< 10	< 1	0.12	< 10	0.53
215703	205 226	275	0.6	1.10	32	< 10	70	< 0.5	< 2	0.89	< 0.5	9	40	272	2.30	< 10	< 1	0.09	< 10	0.75
215704	205 226	110	0.2	1.73	22	< 10	80	< 0.5	< 2	0.36	< 0.5	9	79	125	4.81	< 10	< 1	0.33	< 10	1.21
215705	205 226	60	1.4	1.99	134	< 10	40	0.5	2	0.63	< 0.5	12	42	448	4.31	< 10	< 1	0.19	< 10	1.01
215706	205 226	< 5	0.2	1.81	24	< 10	80	< 0.5	< 2	0.28	< 0.5	7	29	106	3.88	< 10	< 1	0.18	< 10	1.00
215710	205 226	< 5	< 0.2	1.81	2	< 10	130	< 0.5	6	0.67	< 0.5	8	59	90	3.17	< 10	< 1	0.11	< 10	0.91
215711	205 226	5	< 0.2	1.10	12	< 10	80	< 0.5	< 2	0.72	< 0.5	7	76	86	1.88	< 10	< 1	0.35	< 10	0.45
215712	205 226	20	0.6	1.19	36	< 10	90	< 0.5	< 2	1.21	< 0.5	15	53	311	3.44	< 10	< 1	0.09	< 10	0.37
215713	205 226	< 5	0.6	3.58	6	< 10	80	0.5	< 2	2.51	< 0.5	14	27	195	4.30	< 10	< 1	0.10	< 10	0.66

CERTIFICATION: *[Signature]*



# ALS Chemex

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Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 30-AUG-2000  
 Invoice No. : I0026706  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

<b>CERTIFICATE OF ANALYSIS</b>	<b>A0026706</b>
--------------------------------	-----------------

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
215701	205	226	470	3	0.07	21	600	2	0.84	< 2	4	26	0.13	< 10	< 10	45	< 10	42
215702	205	226	185	6	0.17	5	1190	2	0.05	2	2	57	0.10	< 10	< 10	42	< 10	32
215703	205	226	255	5	0.10	11	1090	2	0.25	< 2	4	35	0.13	< 10	< 10	85	< 10	36
215704	205	226	275	5	0.04	19	680	< 2	1.79	< 2	4	20	0.13	< 10	< 10	54	< 10	56
215705	205	226	350	3	0.08	5	890	18	1.24	< 2	3	32	0.04	< 10	< 10	49	< 10	90
215706	205	226	385	1	0.05	5	1070	< 2	0.08	2	4	22	0.03	< 10	< 10	72	< 10	30
215710	205	226	420	4	0.12	15	560	4	0.44	< 2	6	64	0.13	< 10	< 10	57	< 10	54
215711	205	226	260	3	0.11	28	770	2	0.38	2	3	56	0.19	< 10	< 10	56	< 10	36
215712	205	226	155	4	0.12	29	1590	< 2	1.65	< 2	4	49	0.11	< 10	< 10	52	< 10	30
215713	205	226	340	6	0.35	18	980	< 2	2.30	2	6	158	0.09	< 10	< 10	62	< 10	60

CERTIFICATION: *[Signature]*



# ALS Chemex

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To: GALE, R. E.

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Project :  
 Comments: ATTN: R.E. GALE

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 Certificate Date: 25-AUG-2000  
 Invoice No. : I0026705  
 P.O. Number :  
 Account : CNF

## CERTIFICATE OF ANALYSIS A0026705

SAMPLE	PREP CODE	Au ppb RUSH	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 %
215707	255 295	100	< 0.2	1.84	10	< 10	70	< 0.5	< 2	1.10	< 0.5	8	50	74	3.69	< 10	< 1	0.60	< 10	1.02
215708	255 295	175	< 0.2	1.75	16	< 10	60	0.5	< 2	0.57	< 0.5	15	49	126	5.71	< 10	< 1	0.30	< 10	1.12
215709	255 295	2750	0.2	1.76	556	< 10	50	< 0.5	< 2	0.38	< 0.5	7	54	84	4.79	< 10	< 1	0.17	< 10	0.86

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

Aurora Laboratory Services Ltd.  
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To: GALE, R. E.

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 Certificate Date: 25-AUG-2000  
 Invoice No. : I0026705  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS

### A0026705

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
215707	255	295	275	3	0.12	3	1030	< 2	1.06	< 2	4	45	0.14	< 10	< 10	62	< 10	20
215708	255	295	170	5	0.08	5	1130	< 2	2.37	< 2	4	37	0.12	< 10	< 10	65	< 10	16
215709	255	295	225	4	0.07	3	950	< 2	0.33	< 2	3	29	0.09	< 10	< 10	49	< 10	16

CERTIFICATION: \_\_\_\_\_



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Project :  
 Comments: ATTN: R.E. GALE

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 Total Pages : 1  
 Certificate Date: 14-SEP-2000  
 Invoice No. : 10028423  
 P.O. Number :  
 Account : CNF

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## CERTIFICATE OF ANALYSIS

A0028423

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 %
215714	205 226	50	0.8	1.76	12	< 10	20	0.5	< 2	0.80	< 0.5	17	42	174	5.14	< 10	< 1	0.07	< 10	1.09
215715	205 226	25	0.6	1.10	26	< 10	50	0.5	< 2	0.67	1.5	7	45	92	3.64	< 10	< 1	0.10	< 10	0.37
215716	205 226	10	0.2	2.17	< 2	< 10	80	< 0.5	< 2	0.83	< 0.5	10	39	22	3.52	< 10	< 1	0.09	< 10	1.05
215717	205 226	10	0.2	0.77	26	< 10	50	< 0.5	< 2	0.68	< 0.5	13	60	71	2.17	< 10	< 1	0.09	< 10	0.33
215718	205 226	30	0.8	1.06	8	< 10	50	0.5	< 2	0.87	< 0.5	18	44	207	3.14	< 10	< 1	0.10	< 10	0.45
215719	205 226	30	0.8	3.10	< 2	< 10	10	0.5	< 2	1.77	< 0.5	5	21	82	7.56	< 10	< 1	0.31	< 10	0.69
215720	205 226	25	0.8	1.72	8	< 10	40	< 0.5	< 2	0.80	< 0.5	19	56	106	3.61	< 10	< 1	0.10	< 10	0.94
215721	205 226	25	0.4	0.67	16	< 10	50	< 0.5	< 2	0.78	0.5	8	37	123	3.04	< 10	< 1	0.09	< 10	0.20
215722	205 226	20	0.6	1.02	26	< 10	40	0.5	< 2	0.82	< 0.5	14	36	216	4.08	< 10	< 1	0.10	< 10	0.47
215723	205 226	10	0.2	2.09	54	< 10	40	< 0.5	< 2	0.54	< 0.5	12	13	29	4.10	< 10	< 1	0.04	< 10	1.44
215724	205 226	40	< 0.2	2.15	166	< 10	120	< 0.5	< 2	0.66	< 0.5	9	56	105	3.63	< 10	< 1	0.19	< 10	1.38
215725	205 226	135	0.8	1.25	16	< 10	40	0.5	< 2	1.38	< 0.5	15	57	426	2.50	< 10	< 1	0.07	< 10	0.28
215726	205 226	50	0.6	1.36	68	< 10	80	< 0.5	< 2	0.90	< 0.5	13	32	180	3.05	< 10	< 1	0.11	< 10	0.41
215727	205 226	10	0.8	1.68	2	< 10	70	0.5	< 2	0.74	< 0.5	14	50	291	3.75	< 10	< 1	0.20	< 10	0.73
215728	205 226	< 5	0.2	2.53	< 2	< 10	70	< 0.5	< 2	1.36	< 0.5	9	30	49	2.36	< 10	< 1	0.19	< 10	0.80
215729	205 226	250	0.6	1.15	12	< 10	50	0.5	< 2	0.81	< 0.5	10	64	157	3.72	< 10	< 1	0.07	< 10	0.36
215730	205 226	5	< 0.2	1.50	< 2	< 10	40	< 0.5	< 2	0.43	< 0.5	3	44	39	3.11	< 10	< 1	0.16	< 10	0.57
215731	205 226	10	< 0.2	2.20	2	< 10	80	0.5	< 2	0.80	< 0.5	8	37	51	3.35	< 10	< 1	0.19	< 10	0.97
215732	205 226	75	< 0.2	1.06	14	< 10	40	< 0.5	< 2	1.51	< 0.5	5	51	33	2.11	< 10	< 1	0.12	< 10	0.56
215733	205 226	20	< 0.2	1.39	4	< 10	40	< 0.5	< 2	0.90	< 0.5	7	54	55	2.21	< 10	< 1	0.09	< 10	0.54
215734	205 226	25	< 0.2	2.07	8	< 10	40	< 0.5	< 2	0.44	< 0.5	7	45	64	3.59	< 10	< 1	0.11	< 10	1.02
215735	205 226	10	< 0.2	1.51	76	< 10	80	< 0.5	< 2	0.53	< 0.5	9	82	64	1.99	< 10	< 1	0.25	< 10	0.92
215736	205 226	5	0.2	1.37	104	< 10	80	< 0.5	2	0.86	< 0.5	10	60	85	1.83	< 10	< 1	0.15	< 10	0.86
215737	205 226	675	0.2	2.09	66	< 10	270	0.5	< 2	0.95	< 0.5	12	77	108	4.39	< 10	< 1	0.18	10	1.16
215738	205 226	90	0.2	1.57	14	< 10	100	< 0.5	< 2	1.06	< 0.5	5	34	75	2.20	< 10	< 1	0.16	< 10	0.77
215739	205 226	50	0.2	1.95	12	< 10	150	< 0.5	< 2	0.96	< 0.5	9	31	84	3.13	< 10	< 1	0.16	< 10	0.85
215740	205 226	40	0.6	1.72	16	< 10	180	0.5	< 2	1.37	< 0.5	6	42	153	2.30	< 10	< 1	0.13	< 10	0.73
215741	205 226	25	0.2	1.73	28	< 10	70	< 0.5	< 2	1.18	< 0.5	10	41	109	3.08	< 10	< 1	0.11	< 10	0.91

CERTIFICATION: \_\_\_\_\_

\*\* FOR ALL ICP ELEMENTS ON SAMPLE 215740.





# ALS Chemex

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 Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY  
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 V7S 2X7

Page Number :1-B  
 Total Pages :1  
 Certificate Date: 14-SEP-2000  
 Invoice No. :10028423  
 P.O. Number :  
 Account :CNF

Project :  
 Comments: ATTN: R.E. GALE

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## CERTIFICATE OF ANALYSIS

A0028423

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
215714	205 226	390	1	0.05	18	1600	2	1.47	< 2	6	21	0.08	< 10	< 10	92	< 10	114
215715	205 226	380	7	0.10	15	980	6	0.49	< 2	3	51	0.10	< 10	< 10	45	< 10	144
215716	205 226	580	1	0.12	6	1060	2	0.13	< 2	5	49	0.11	< 10	< 10	110	< 10	90
215717	205 226	435	2	0.06	38	820	2	0.46	< 2	3	27	0.10	< 10	< 10	48	< 10	66
215718	205 226	215	2	0.12	54	1060	< 2	1.39	< 2	5	49	0.12	< 10	< 10	63	< 10	42
215719	205 226	460	< 1	0.24	9	1360	2	1.07	< 2	3	76	0.14	< 10	< 10	117	< 10	52
215720	205 226	335	< 1	0.14	34	1280	4	1.49	< 2	5	50	0.08	< 10	< 10	63	< 10	78
215721	205 226	275	3	0.07	25	1540	6	1.09	< 2	2	29	0.09	< 10	< 10	31	< 10	154
215722	205 226	135	2	0.09	36	1380	< 2	1.52	< 2	5	34	0.10	< 10	< 10	60	< 10	24
215723	205 226	685	1	0.06	5	810	4	0.13	< 2	8	13	< 0.01	< 10	< 10	117	< 10	68
215724	205 226	335	1	0.10	16	920	< 2	0.57	< 2	5	50	0.01	< 10	< 10	72	< 10	50
215725	205 226	190	7	0.16	36	1030	< 2	0.75	< 2	3	42	0.11	< 10	< 10	35	< 10	34
215726	205 226	135	1	0.17	4	920	< 2	1.24	< 2	2	63	0.07	< 10	< 10	35	< 10	34
215727	205 226	160	7	0.15	21	850	< 2	1.31	< 2	4	56	0.11	< 10	< 10	70	< 10	26
215728	205 226	250	< 1	0.26	10	1010	< 2	0.15	< 2	4	100	0.11	< 10	< 10	92	< 10	36
215729	205 226	315	3	0.11	37	750	< 2	0.78	< 2	5	37	0.17	< 10	< 10	53	< 10	72
215730	205 226	125	2	0.16	2	800	< 2	0.42	< 2	3	75	0.08	< 10	< 10	57	< 10	16
215731	205 226	470	< 1	0.19	4	1050	2	0.14	< 2	6	85	0.10	< 10	< 10	75	< 10	42
215732	205 226	235	1	0.11	4	970	2	0.05	< 2	1	49	0.04	< 10	< 10	43	< 10	16
215733	205 226	215	2	0.17	5	970	< 2	0.42	< 2	3	67	0.10	< 10	< 10	41	< 10	24
215734	205 226	340	3	0.12	4	920	< 2	0.18	< 2	5	74	0.09	< 10	< 10	72	< 10	36
215735	205 226	320	1	0.11	52	380	2	0.08	< 2	6	33	0.09	< 10	< 10	64	< 10	48
215736	205 226	340	3	0.12	31	590	2	0.12	< 2	7	36	0.09	< 10	< 10	63	< 10	46
215737	205 226	570	3	0.06	27	810	6	0.02	< 2	9	84	0.01	< 10	< 10	78	< 10	49
215738	205 226	445	5	0.13	5	960	8	0.08	< 2	3	52	0.07	< 10	< 10	49	< 10	62
215739	205 226	370	< 1	0.17	3	810	6	0.16	< 2	8	68	0.07	< 10	< 10	70	< 10	46
215740	205 226	270	2	0.16	6	800	4	0.18	< 2	5	75	0.05	< 10	< 10	46	10	32
215741	205 226	415	1	0.12	9	910	6	0.12	< 2	6	53	0.02	< 10	< 10	61	< 10	48

CERTIFICATION:

\*\* FOR ALL ICP ELEMENTS ON SAMPLE 215740.



# ALS Chemex

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107 - 2274 FOLKESTONE WAY  
 WEST VANCOUVER, BC  
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Page Number :1-A  
 Total Pages :2  
 Certificate Date: 02-OCT-2000  
 Invoice No. : I0029633  
 P.O. Number :  
 Account : CNF

Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0029633

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
215742	205 226	10	-----	0.2	1.61	8	< 10	70	< 0.5	< 2	0.86	< 0.5	11	36	85	3.41	< 10	< 1	0.08	< 10
215743	205 226	10	-----	0.2	1.49	6	< 10	70	< 0.5	< 2	0.86	< 0.5	12	39	59	3.19	< 10	< 1	0.08	< 10
215744	205 226	10	-----	0.2	1.74	8	< 10	70	0.5	< 2	0.65	< 0.5	12	33	64	3.54	< 10	< 1	0.07	< 10
215745	205 226	25	-----	0.8	2.60	44	< 10	30	0.5	< 2	3.88	1.5	11	65	85	4.92	< 10	< 1	0.12	< 10
215746	205 226	35	-----	< 0.2	2.44	364	< 10	40	0.5	< 2	1.06	< 0.5	16	82	69	3.56	< 10	< 1	0.07	< 10
215747	205 226	175	-----	0.6	1.27	32	< 10	60	0.5	< 2	2.91	< 0.5	21	43	230	6.38	< 10	< 1	0.08	10
215748	205 226	< 5	-----	< 0.2	0.97	2	< 10	10	< 0.5	< 2	2.02	< 0.5	13	73	59	1.77	< 10	< 1	< 0.01	< 10
215749	205 226	140	-----	1.2	1.78	48	< 10	30	0.5	< 2	1.75	< 0.5	23	87	719	9.29	< 10	< 1	0.11	10
215750	205 226	25	-----	0.2	1.48	100	< 10	90	0.5	< 2	0.49	< 0.5	13	100	176	4.06	< 10	< 1	0.20	< 10
215751	205 226	85	-----	0.8	1.83	276	< 10	70	< 0.5	< 2	0.49	< 0.5	14	30	151	4.79	< 10	< 1	0.16	< 10
215752	205 226	545	-----	1.0	1.53	588	< 10	40	< 0.5	< 2	0.25	< 0.5	14	23	239	4.58	< 10	< 1	0.11	< 10
215753	205 226	50	-----	0.2	2.38	132	< 10	80	0.5	< 2	1.08	< 0.5	12	86	110	4.21	< 10	< 1	0.09	10
215754	205 226	15	-----	0.2	1.52	62	< 10	70	1.0	< 2	0.73	< 0.5	8	76	43	3.64	< 10	< 1	0.11	10
215755	205 226	40	-----	1.0	1.25	38	< 10	120	0.5	< 2	1.97	< 0.5	16	54	570	4.31	< 10	< 1	0.10	< 10
215756	205 226	130	-----	0.8	2.33	130	< 10	60	0.5	< 2	0.63	< 0.5	14	90	309	6.18	< 10	< 1	0.06	10
215757	205 226	1375	-----	0.6	0.20	22	< 10	10	0.5	< 2	1.80	< 0.5	22	11	116	9.65	< 10	< 1	0.02	< 10
215758	205 226	70	-----	0.2	2.03	14	< 10	70	0.5	< 2	1.35	< 0.5	14	23	132	4.44	< 10	< 1	0.07	< 10
215759	205 226	95	-----	0.6	1.90	4	< 10	40	< 0.5	< 2	1.27	< 0.5	14	27	198	4.05	< 10	< 1	0.09	< 10
215760	205 226	40	-----	0.8	1.38	10	< 10	50	< 0.5	< 2	1.17	< 0.5	13	28	275	2.67	< 10	< 1	0.08	< 10
215761	205 226	60	-----	0.6	1.55	82	< 10	40	< 0.5	< 2	0.98	< 0.5	27	34	213	2.73	< 10	< 1	0.09	< 10
215762	205 226	315	-----	1.2	1.52	154	< 10	40	< 0.5	< 2	1.02	< 0.5	9	32	417	2.86	< 10	< 1	0.09	< 10
215763	205 226	195	-----	0.6	2.06	254	< 10	60	< 0.5	< 2	0.69	< 0.5	14	31	315	4.05	< 10	< 1	0.09	< 10
215764	205 226	>10000	14.49	10.4	1.57	4800	< 10	20	0.5	< 2	0.08	< 0.5	26	37	3420	10.80	< 10	< 1	0.13	< 10
215765	205 226	60	-----	0.6	2.08	22	< 10	80	< 0.5	< 2	1.19	< 0.5	12	29	244	4.43	< 10	< 1	0.13	< 10
215766	205 226	35	-----	0.8	1.66	224	< 10	60	< 0.5	< 2	1.10	< 0.5	12	34	282	3.36	< 10	< 1	0.17	< 10
215767	205 226	75	-----	0.4	1.61	16	< 10	30	< 0.5	< 2	2.01	< 0.5	8	49	133	2.28	< 10	< 1	0.10	< 10
215768	205 226	10	-----	0.4	1.41	8	< 10	50	< 0.5	< 2	0.96	< 0.5	11	30	186	2.50	< 10	< 1	0.10	< 10
215769	205 226	50	-----	25.2	1.83	18	< 10	100	< 0.5	< 2	1.02	< 0.5	11	28	214	3.37	30	< 1	0.16	< 10
215770	205 226	50	-----	0.2	1.45	1290	< 10	40	< 0.5	< 2	0.75	< 0.5	45	35	121	2.56	< 10	< 1	0.06	< 10
215771	205 226	90	-----	0.2	3.37	4	< 10	10	0.5	< 2	3.61	< 0.5	10	40	62	2.87	< 10	< 1	0.05	< 10
215772	205 226	155	-----	0.2	3.12	2	< 10	< 10	0.5	< 2	3.39	< 0.5	10	40	71	2.60	< 10	< 1	0.03	< 10
215773	205 226	160	-----	0.2	1.72	6	< 10	10	< 0.5	< 2	1.10	< 0.5	11	45	51	2.47	< 10	< 1	0.05	< 10
215774	205 226	10	-----	< 0.2	1.32	2	< 10	10	< 0.5	< 2	0.75	< 0.5	9	33	89	2.05	< 10	< 1	0.06	< 10
215775	205 226	30	-----	0.6	1.32	28	< 10	20	< 0.5	< 2	1.02	< 0.5	45	64	340	4.89	< 10	< 1	0.12	< 10
215776	205 226	25	-----	< 0.2	1.97	12	< 10	50	< 0.5	< 2	0.95	< 0.5	13	40	69	3.17	< 10	< 1	0.10	< 10
215777	205 226	< 5	-----	< 0.2	1.77	2	< 10	50	< 0.5	< 2	1.25	< 0.5	12	32	65	2.73	< 10	< 1	0.05	< 10
215778	205 226	< 5	-----	< 0.2	2.29	< 2	< 10	60	1.0	< 2	3.32	< 0.5	7	40	18	1.75	< 10	< 1	0.13	< 10
215779	205 226	< 5	-----	0.4	0.52	< 2	< 10	50	0.5	< 2	1.27	< 0.5	20	15	102	5.11	< 10	< 1	0.07	< 10
215780	205 226	30	-----	0.2	2.23	246	< 10	60	< 0.5	< 2	2.16	< 0.5	14	25	57	3.53	< 10	< 1	0.15	< 10
215781	205 226	45	-----	0.8	2.20	14	< 10	50	< 0.5	< 2	0.79	< 0.5	32	29	364	4.97	< 10	< 1	0.07	< 10

CERTIFICATION: \_\_\_\_\_



# ALS Chemex

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 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: GALE, R. E.

107 - 2274 FOLKESTONE WAY  
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Project :  
 Comments: ATTN: R.E. GALE

## CERTIFICATE OF ANALYSIS A0029633

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
215742	205 226	0.83	350	< 1	0.10	6	980	8	0.99	< 2	7	52	0.07	< 10	< 10	66	< 10	44
215743	205 226	0.76	315	1	0.07	5	930	12	1.09	< 2	5	35	0.08	< 10	< 10	54	< 10	44
215744	205 226	0.87	340	1	0.10	5	930	8	0.97	< 2	9	48	0.07	< 10	< 10	73	< 10	40
215745	205 226	1.95	1030	2	0.04	22	1290	6	1.34	< 2	12	65	0.01	< 10	< 10	137	< 10	168
215746	205 226	2.03	685	< 1	0.03	34	1030	< 2	0.13	< 2	9	49	< 0.01	< 10	< 10	104	< 10	46
215747	205 226	0.71	990	4	0.06	19	1640	6	1.92	< 2	6	48	0.05	< 10	< 10	72	< 10	44
215748	205 226	0.46	550	1	0.01	46	670	< 2	0.33	< 2	3	38	0.05	< 10	< 10	30	< 10	126
215749	205 226	0.97	325	3	0.04	37	6080	6	>5.00	< 2	12	36	0.04	< 10	< 10	115	< 10	44
215750	205 226	0.98	320	4	0.05	51	990	2	1.52	< 2	8	27	0.05	< 10	< 10	82	< 10	36
215751	205 226	1.11	305	1	0.05	9	1070	2	1.14	< 2	4	25	< 0.01	< 10	< 10	64	< 10	34
215752	205 226	0.86	335	1	0.05	9	810	6	1.06	< 2	5	16	< 0.01	< 10	< 10	73	< 10	44
215753	205 226	1.72	445	< 1	0.03	44	840	< 2	0.24	< 2	9	43	< 0.01	< 10	< 10	103	< 10	48
215754	205 226	1.46	525	1	0.02	21	940	< 2	0.07	< 2	5	31	0.06	< 10	< 10	70	< 10	46
215755	205 226	1.17	785	5	0.04	51	900	2	1.79	< 2	11	91	0.11	< 10	< 10	82	< 10	56
215756	205 226	1.18	1295	5	0.03	65	1340	4	0.26	< 2	16	34	0.01	< 10	< 10	112	< 10	80
215757	205 226	0.14	775	27	0.01	15	340	4	4.21	< 2	< 1	9	0.04	< 10	< 10	56	< 10	36
215758	205 226	1.27	435	1	0.08	7	950	2	0.94	< 2	10	56	0.07	< 10	< 10	109	< 10	48
215759	205 226	1.19	400	1	0.06	6	960	< 2	1.00	< 2	9	37	0.06	< 10	< 10	95	< 10	44
215760	205 226	0.91	295	< 1	0.08	6	810	2	0.68	< 2	6	39	0.06	< 10	< 10	57	< 10	36
215761	205 226	0.92	295	1	0.08	6	800	2	0.47	< 2	6	35	0.06	< 10	< 10	64	< 10	36
215762	205 226	0.90	245	1	0.08	7	950	< 2	0.83	< 2	4	33	0.05	< 10	< 10	55	< 10	40
215763	205 226	1.22	355	1	0.08	5	820	2	1.05	< 2	5	36	0.01	< 10	< 10	69	< 10	46
215764	205 226	0.54	175	< 1	0.01	14	590	10	>5.00	< 2	1	7	< 0.01	< 10	< 10	19	< 10	72
215765	205 226	1.10	350	< 1	0.12	6	930	2	1.29	< 2	7	59	0.11	< 10	< 10	89	< 10	50
215766	205 226	0.89	280	1	0.11	6	850	2	1.09	< 2	5	50	0.09	< 10	< 10	64	< 10	40
215767	205 226	0.97	350	1	0.11	5	710	2	0.24	< 2	8	71	0.04	< 10	< 10	70	< 10	36
215768	205 226	0.64	260	< 1	0.13	6	900	4	0.49	< 2	4	56	0.09	< 10	< 10	63	< 10	36
215769	205 226	0.83	290	< 1	0.15	5	950	6	0.87	< 2	6	156	0.12	< 10	< 10	91	20	102
215770	205 226	0.80	290	9	0.10	6	850	6	0.57	< 2	5	34	0.05	< 10	< 10	53	< 10	42
215771	205 226	0.54	210	1	0.01	4	920	2	1.09	< 2	4	11	0.06	< 10	< 10	50	< 10	32
215772	205 226	0.48	185	1	0.01	5	890	2	1.08	< 2	4	8	0.06	< 10	< 10	47	< 10	26
215773	205 226	0.59	225	2	0.05	4	530	< 2	0.61	< 2	3	13	0.05	< 10	< 10	38	< 10	20
215774	205 226	0.55	160	5	0.06	5	570	< 2	0.63	< 2	3	23	0.04	< 10	< 10	34	< 10	14
215775	205 226	0.56	210	4	0.08	95	940	2	2.62	< 2	4	52	0.09	< 10	< 10	51	< 10	20
215776	205 226	1.13	500	1	0.06	6	960	2	0.35	< 2	4	55	0.07	< 10	< 10	57	< 10	38
215777	205 226	0.89	320	1	0.14	5	1090	< 2	0.78	< 2	5	75	0.07	< 10	< 10	55	< 10	22
215778	205 226	0.67	325	1	0.03	4	470	< 2	0.03	< 2	2	37	0.03	< 10	< 10	27	< 10	18
215779	205 226	0.37	560	3	0.05	14	1410	2	0.60	< 2	< 1	30	0.02	< 10	< 10	23	< 10	22
215780	205 226	1.19	725	< 1	0.05	5	1010	4	0.12	< 2	4	63	< 0.01	< 10	< 10	54	< 10	62
215781	205 226	1.05	475	21	0.06	6	790	6	1.13	< 2	6	40	0.03	< 10	< 10	61	< 10	52

CERTIFICATION:



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

Project :  
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## CERTIFICATE OF ANALYSIS

A0029633

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
215782	205 226	< 5	-----	< 0.2	2.23	8	< 10	220	< 0.5	< 2	1.06	< 0.5	10	22	42	3.64	< 10	< 1	0.10	< 10
215783	205 226	< 5	-----	< 0.2	2.34	10	< 10	90	< 0.5	< 2	0.59	< 0.5	8	24	28	3.78	< 10	< 1	0.09	< 10
215784	205 226	10	-----	< 0.2	2.13	6	< 10	80	< 0.5	< 2	0.78	< 0.5	10	23	32	3.48	< 10	< 1	0.09	< 10
215785	205 226	10	-----	0.2	2.51	22	< 10	70	< 0.5	< 2	0.68	< 0.5	13	23	76	4.34	< 10	< 1	0.11	< 10
215786	205 226	5	-----	< 0.2	2.48	60	< 10	110	0.5	< 2	0.79	0.5	13	18	86	4.00	< 10	< 1	0.22	20
215787	205 226	10	-----	< 0.2	1.62	10	< 10	40	< 0.5	< 2	0.94	< 0.5	11	44	55	2.80	< 10	< 1	0.07	< 10
215788	205 226	110	-----	< 0.2	2.17	14	< 10	50	< 0.5	< 2	1.35	< 0.5	11	21	53	3.39	< 10	< 1	0.32	< 10
215789	205 226	125	-----	< 0.2	1.99	122	< 10	70	0.5	< 2	1.12	< 0.5	9	31	50	3.49	< 10	< 1	0.25	< 10
215790	205 226	645	-----	0.2	1.85	120	< 10	50	< 0.5	< 2	0.77	< 0.5	36	28	123	5.79	< 10	< 1	0.17	< 10

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### A0029633

SAMPLE	PREP CODE		Mg	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
215782	205	226	1.10	580	< 1	0.07	4	900	2	0.03	< 2	7	50	< 0.01	< 10	< 10	63	< 10	46
215783	205	226	1.15	615	< 1	0.06	3	970	2	0.03	< 2	7	36	< 0.01	< 10	< 10	63	< 10	48
215784	205	226	1.00	620	< 1	0.08	4	890	4	0.05	< 2	8	46	0.02	< 10	< 10	66	< 10	52
215785	205	226	1.23	710	7	0.08	3	870	4	0.11	< 2	7	44	< 0.01	< 10	< 10	63	< 10	74
215786	205	226	1.21	825	3	0.06	3	1460	12	0.27	< 2	7	58	0.01	< 10	< 10	65	< 10	118
215787	205	226	0.98	320	1	0.07	17	870	2	0.37	< 2	3	47	0.09	< 10	< 10	49	< 10	30
215788	205	226	1.13	450	1	0.11	3	1050	< 2	0.86	< 2	6	64	0.07	< 10	< 10	71	< 10	36
215789	205	226	1.12	375	4	0.08	4	1100	< 2	0.52	< 2	4	62	0.08	< 10	< 10	59	< 10	32
215790	205	226	0.80	220	3	0.08	3	1010	< 2	3.07	< 2	4	37	0.04	< 10	< 10	45	< 10	26

CERTIFICATION:

## APPENDIX 1B-PART 2

### OTHER ROCK DESCRIPTIONS AND ASSAYS (ALL SAMPLES ARE PICKED CHARACTER SAMPLES) (MORE SIGNIFICANT SAMPLES-SEE 6.2.1 IN TEXT)

SAMPLE.	DESCRIPTION	Au PPB	As PPM	Cu PPM
215702	Silicified Diorite	35	82	124
215704	Hi. Mary, Qtz. Vein	110	22	125
215705	Old Pit,Silicified diorite	60	134	448
215706	O.C. Silicified diorite	<5	24	106
215707	Mame dump,Silicif. diorite	100	10	74
215708	DITTO	175	16	126
215709	Mame dump,Qtz. vein	2750	556	84
215710	O.C. Chert w/ pyrite	<5	2	90
215711	DITTO	5	12	86
215712	Old cut,pyritized chert	20	36	311
215713	DITTO	<5	6	195
215715	O.C. pyritized chert	25	26	92
215716	O.C. pyritized diorite	10	<2	22
215717	O.C. pyritized chert	10	26	71
215718	DITTO	30	8	207
215719	DITTO	30	<2	82
215720	DITTO	25	8	106
215721	Float,pyritized chert	25	16	123
215722	O.C. pyritized diorite	20	26	216
215723	DITTO	10	54	29
215724	DITTO	40	166	105
215727	DITTO	10	2	291
215728	DITTO	<5	<2	49
215730	DITTO	5	<2	39
215731	DITTO	10	2	51
215732	Float,Qtz. vein	75	14	33
215733	O.C. pyritized diorite	20	4	55
215734	DITTO	25	8	64
215735	DITTO	10	76	64
215736	DITTO	5	104	85
215740	DITTO	40	16	153
215741	DITTO	25	28	109
215742	TR-1,pyritized diorite	10	8	85
215743	DITTO	10	6	59
215744	DITTO	10	8	64
215745	DITTO	25	44	85
215746	TR-2,Float,Rhyolite Bx	35	364	69

SAMPLE	DESCRIPTION	Au PPB	As PPM	Cu PPM
215748	TR-3,Float,Rhyolite Bx	<5	2	59
215750	TR-5,Strg. pyritiz. diorite	25	100	176
215754	TR-9,Strg. oxidiz. diorite	15	62	43
215755	TR-12,pyritized chert	40	38	570
215760	TR-14,pyritized diorite	40	10	275
215766	DITTO	35	224	282
215768	TR-15, N. end,wk.py.dior.	10	8	186
215771	TR-16-Float,Qtz. vein	90	4	62
215772	DITTO	155	2	71
215773	DITTO	160	6	51
215774	DITTO	10	2	89
215775	TR-18,O.C. Qtz. vein	30	28	340
215776	TR-19,O.C. Silicif. diorite	25	12	69
215777	DITTO	<5	2	65
215778	DITTO	<5	<2	18
215779	TR-20,O.C.pyritiz. andes.	<5	<2	102
215780	TR-21,O.C.pyritiz. diorite	30	246	57
215781	DITTO	45	14	364
215782	DITTO	<5	8	42
215783	DITTO	<5	10	28
215784	DITTO	10	6	32
215785	DITTO	10	22	76
215786	DITTO	5	60	86
215787	TR-23,Float,pyritiz. dior.	10	10	55
215788	TR-24,N.end,float py.dior	110	14	53
215789	TR-24,centre,float py.dior.	125	122	50
215790	TR-24,S.end,float py.dior.	645	120	123

**APPENDIX 2**



**A REPORT**

**ON**

**VLF ELECTROMAGNETIC SURVEYING**

Rock Creek Area, B.C.  
49° 29', 118° 53' W  
N.T.S. 82E/046

**BY**

**PETER E. WALCOTT & ASSOCIATES LIMITED**

**Vancouver, British Columbia**

**OCTOBER 2000**

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## INTRODUCTION.

Between September 1<sup>st</sup> and 5<sup>th</sup>, and September 23<sup>rd</sup> and 27<sup>th</sup>, 2000, Peter E. Walcott & Associates Limited undertook a small VLF electromagnetic surveying programme on the Ward property, located in the Rock Creek area of British Columbia, for Emjay Enterprises Ltd.

On arrival of the crew at the property in early September it was discovered that the submarine communications signal from Seattle was off the air – the transmitting source of the VLF signal – with the result that the writer started to put in a detailed east-west flagged “chain & compass” parallel to the 1994 soil grid with an eye to using a Geonics VLF transmitter as a source of the primary field.

The survey was recommenced in late September using the above transmitter. However it was found that due to poor contact resistance insufficient current was obtained in the long wire – the antenna – to generate reliable measurable field strengths at the eastern extremities of the lines. Similar results were obtained when the current was increased by placing the electrodes in the swamps further to the west.

As the Seattle station was again functioning it was then decided to establish a N40° grid over the area to be surveyed.

Twelve “chain and compass” lines were established from the road using a handheld Garmin 12XL unit for control – accuracy of plus or minus 15 metres.

Measurements of the vertical components of the secondary fields generated by the submarine communications signal were made at 12.5 metre intervals along the lines using an Omni Plus VLF unit.

The data are presented as profiles of inphase and quadrature on a plan map of the line grid, and in contour form as contours of Fraser filtered inphase.

**PURPOSE.**

The purpose of the survey was to see if the VLF E.M. might indicate shears that could be associated with gold-bearing mineralization as suggested by an interpretation of the 1994 resistivity data by Phelps Dodge personnel.

**SURVEY SPECIFICATIONS.**

The basic principle of any electromagnetic survey is that when conductors are subjected to primary alternating fields secondary fields are induced in them. Measurements of these secondary fields give indications as to the size, shape and conductivity of conductors. In the absence of conductors no secondary fields are obtained.

The VLF electromagnetic survey was carried out using an Omni Plus unit manufactured by EDA instruments Ltd. of Metropolitan Toronto, Ontario. This unit makes use of the VLF transmitting stations operating for communication with submarines for its transmitted signal – the vertical antenna currents create concentric horizontal magnetic fields – and measures the vertical components of the secondary fields created as above. These measurements were made every 12.5 metres along the grid lines.

**DISCUSSION OF RESULTS.**

The VLF electromagnetic survey detected a number of conductors trending across the grid as illustrated on the profile map of the inphase and quadrature results, and as readily discernible on the contour plan of the Fraser filtered inphase data.

No conductors were apparently associated with the showing located in the northwest corner of the grid.

**SUMMARY, CONCLUSIONS & RECOMMENDATIONS**

Between September 1<sup>st</sup> and 5<sup>th</sup>, and September 23<sup>rd</sup> and 27<sup>th</sup>, 2000 Peter E. Walcott & Associates Limited undertook a small electromagnetic surveying programme for Emjay Enterprises Ltd. over part of their Ward property, located in the Rock Creek area of British Columbia.

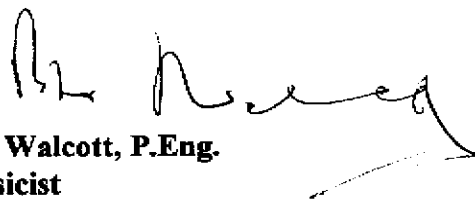
The survey located a number of conductors trending across the grid.

No conductors were located in the area of the main showing in the area.

The data should be compared with the results of the soil survey and the induced polarization work carried out by Phelps Dodge in 1994 in an effort to determine their probable causative sources before further field investigation of them.

Respectfully submitted,

**PETER E. WALCOTT & ASSOCIATES LTD.**



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

**Vancouver, B.C.  
October, 2000**

**APPENDIX**



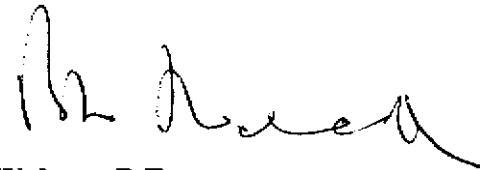
**PERSONNEL EMPLOYED ON SURVEY**

<b><u>Name</u></b>	<b><u>Occupation</u></b>	<b><u>Address</u></b>	<b><u>Dates</u></b>
Peter E. Walcott	Geophysicist	1526 W. 6 <sup>th</sup> , Ave. Vancouver, B.C.	Sept. 1 <sup>st</sup> - 5 <sup>th</sup> 23 <sup>rd</sup> - 27 <sup>th</sup> Oct. 31 <sup>st</sup> , 2000
Alexander Walcott	Geophysical Operator	"	Sept. 23 <sup>rd</sup> , Oct. 31 <sup>st</sup> , 2000
M. Welz	Geophysicist	"	Sept 24 <sup>th</sup> - 27 <sup>th</sup> 2000
J. Walcott	Typing		Oct. 31 <sup>st</sup> , 2000

**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 eight  
years.
3. I am a member of the Association of Professional Engineers of  
British Columbia and Ontario.



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

**October 2000  
Vancouver, B.C.**

**APPENDIX 3**



# Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3  
PHONE (604) 888-1323 • FAX (604) 888-3642  
email: vanpetro@vancouver.net

August 10, 2000

R.E. Gale and Associates Inc.  
107 - 2274 Folkestone Way  
West Vancouver, BC  
V7S 2X7  
Attention: Robert E. Gale

**RE: *Samples RS-1 and -4***  
***Our job number 2000-00416***

Dear Mr. Gale;

Please find enclosed the petrographic descriptions (with photomicrographs) for the above-noted samples.

I will hold your samples for two weeks in the event that you have any queries that require their further examination.

If you have any questions, please do not hesitate to contact me.

Sincerely,

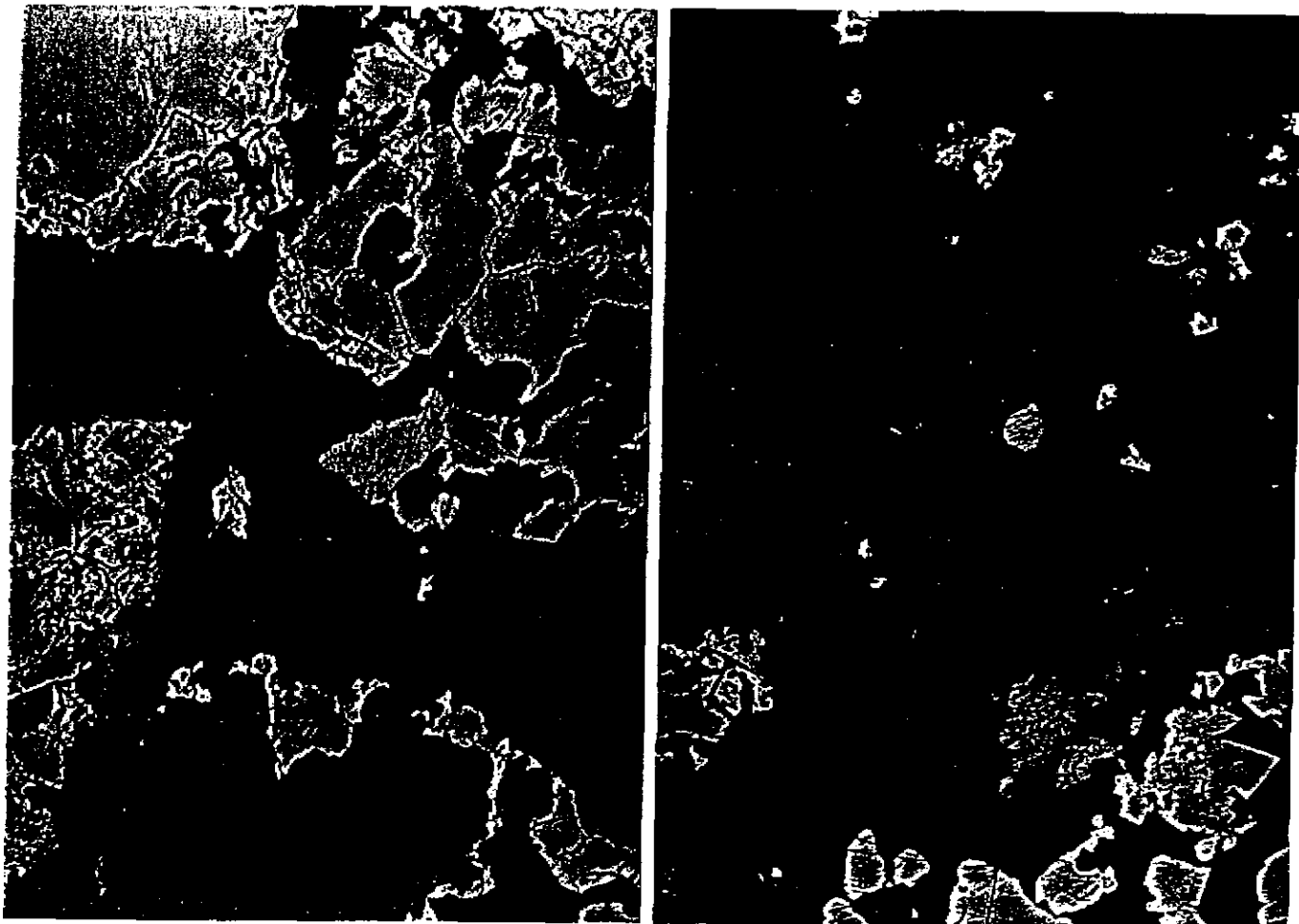
Per: 

Bruce Northcote, LL.B., M.Sc. (Geol.)  
K.E. Northcote & Associates

Tel. (604) 796-2034

BKN/slc  
Encl.

[1] RS-1  
Multistage Quartz Breccia



Photomicrographs 00R XVIII 1 and 2 Reflected light

Scale 0.1 mm \_\_\_\_\_

Pictured (1): native Au with pyrite -- dark areas are quartz

Pictured (2): Au in a small cavity in quartz -- note "unknown1" with colour similar to pyrite , but rough polish

## Summary Description

Brecciated quartz. Probably originally open-space filling (probably with some silicification of lithic clasts) has undergone rebrecciation and mineralization with pyrite, chalcopyrite, and native gold. Gold is found with pyrite and in small cavities in the quartz, near pyrite aggregates.

Fracturing has continued beyond the mineralizing stage. Quartz is locally strained and fractured (sheared) in bands. There has been some recrystallization of the quartz in response to strain.

## Microscopic Description Transmitted Light

Quartz; 77-83%, anhedral (0.01 to ~1.5 mm). Mostly interlocking. In much of the section it is fractured and crushed, or strained and partly recrystallized.

Carbonate (ankerite); 1-2%, anhedral (0.01 to 0.1 mm). Small aggregates of iron-stained carbonate found with pyrite, apparently healing brecciated quartz.

Sericite; traces+, anhedral (<0.01 to 0.05 mm). Minor, generally in small iron-stained irregular aggregates with the pyrite.

Chlorite; traces+, anhedral (microcrystalline). Small aggregates found in pyrite.

## Reflected Light

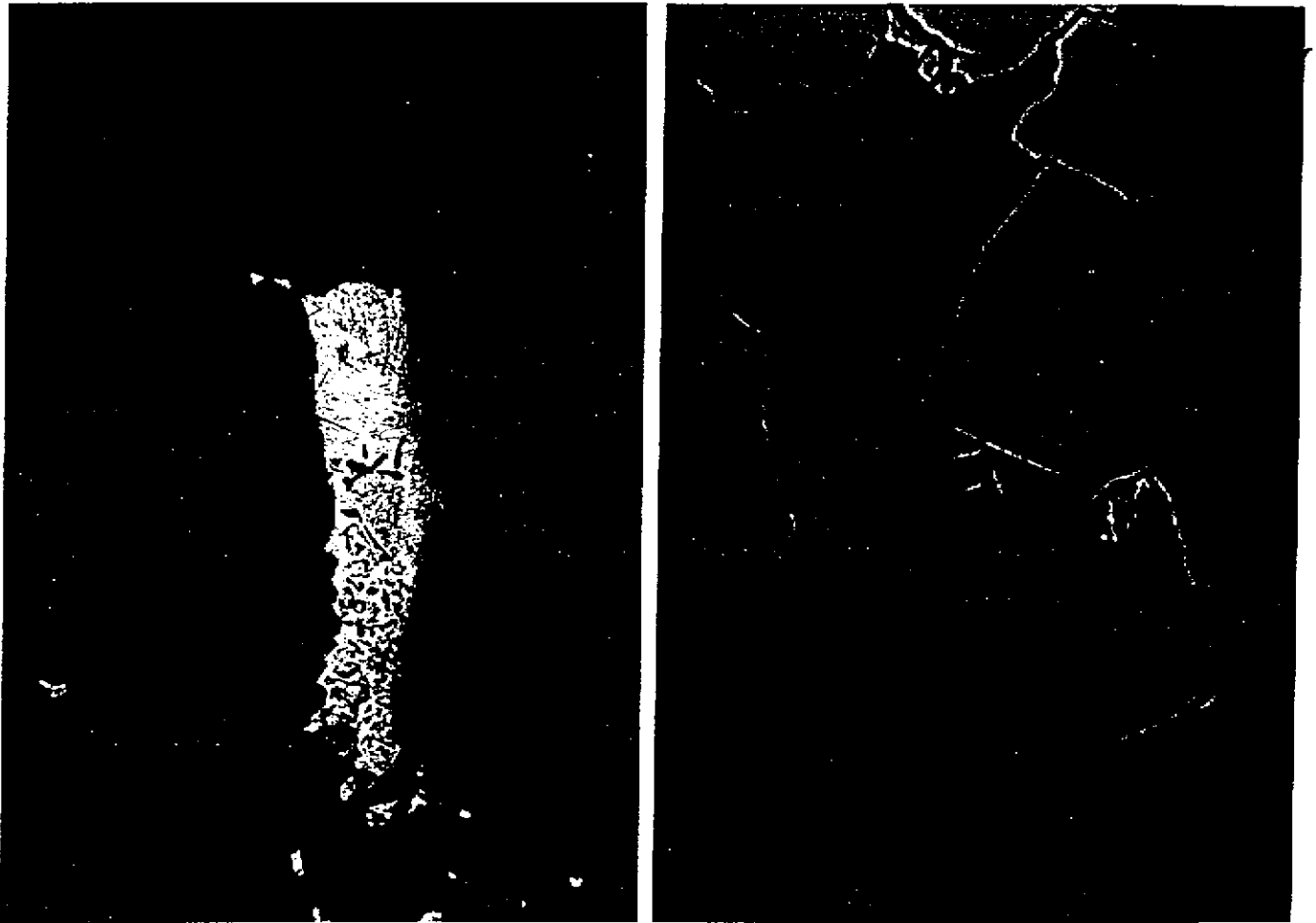
Pyrite; 10-15% (much more in other sections of RS-1), anhedral to euhedral (0.01 to 0.5 mm). Irregular aggregates, and irregular, discontinuous (recrystallized?) veins or matrix that forms a lacy network in the quartz. Suspect that it filled an early or intermediate stage of fractures, preceding the latest, unfilled fractures with crushed / partly recrystallized quartz.

Earthy hematite / goethite; 3-5%, amorphous. Oxidation of pyrite. In some cases, forms pseudomorphs after pyrite cubes.

Chalcopyrite; 1-3%, anhedral (<0.01 to 0.2 mm). With pyrite, around the outer edges of pyrite aggregates. In some cases, fine fractures in chalcopyrite contain pyrite.

Pyrite / marcasite; traces, anhedral (microcrystalline). Some pyrite+marcasite presumed after pyrrhotite.

Pyrrhotite; traces, anhedral (0.01 to 0.1 mm). A few small grains of pyrrhotite survive unaltered within the pyrite.



Photomicrographs 00R XVIII 7 and 4 Reflected light

Scale 0.1 mm \_\_\_\_\_

Scale 0.1 mm \_\_\_\_\_

Pictured (7): Au in galena (?)

Pictured (4): Au between pyrite crystals

Covellite+chalcocite; traces, anhedral ( $\leq 0.01$  mm). Some alteration of chalcopyrite around grain edges, including covellite, chalcocite±digenite.

Native Au; traces, anhedral ( $\leq 0.005$  to  $0.1$  mm). Found in quartz, with an occurrence similar to pyrite, in small cavities in quartz. Some in what appear to be small vugs, rather than fractures. Less commonly found in pyrite or between pyrite grains (see photomicrograph). Some of the gold has developed a reddish tarnish.

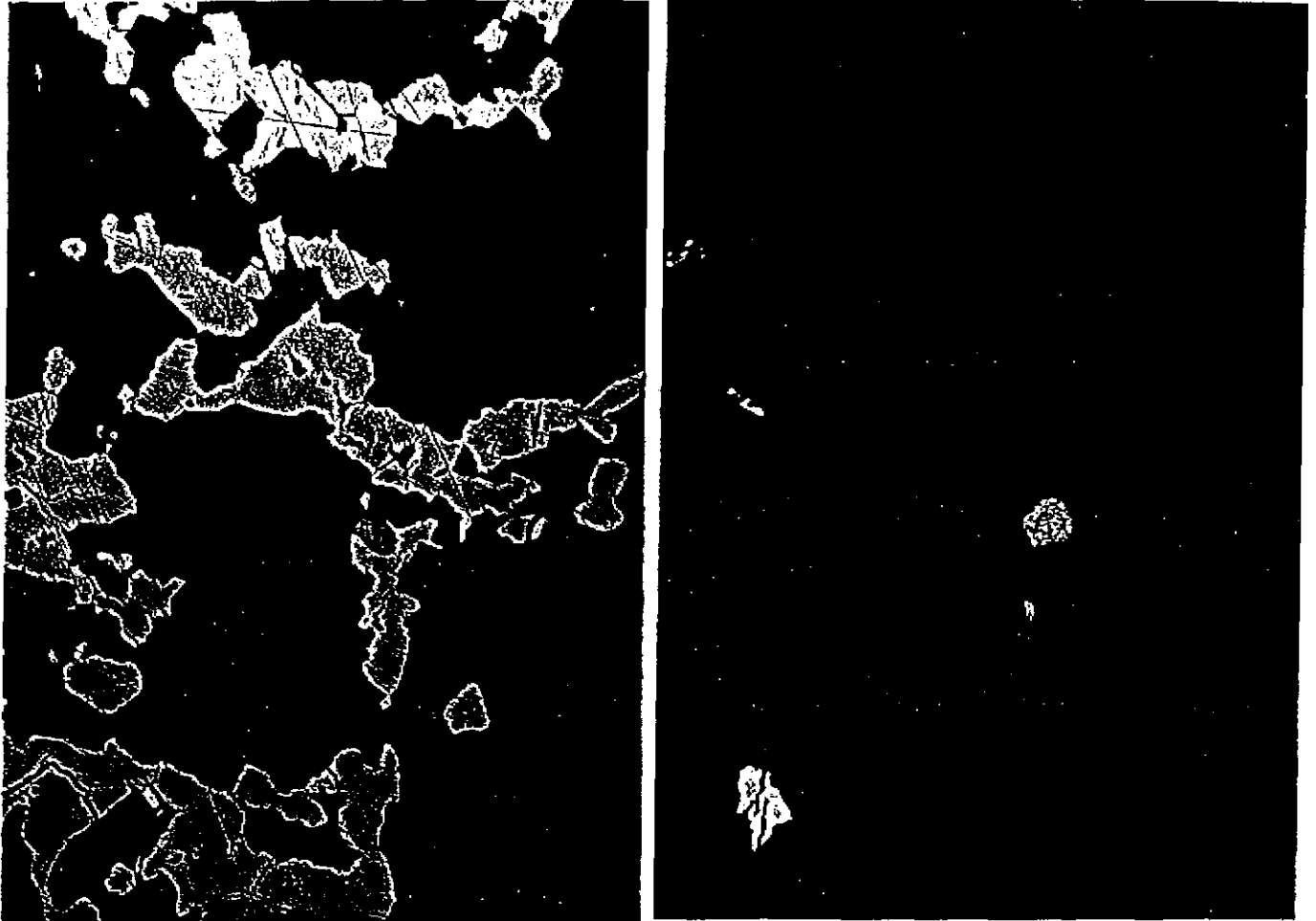
Tetrahedrite?; trace, anhedral ( $< 0.01$  to  $0.1$  mm). Loose aggregates enclosed by pyrite. Not clear whether a primary intergrowth. Brownish-grey colour, isotropic, no internal reflections observed (probably not sphalerite). Requires confirmation by SEM.

Unknown1; traces, anhedral ( $< 0.01$  to  $0.05$  mm). Small (isotropic) grains with the colour of pyrite, but taking a rough polish (see photomicrograph).

Unknown2 (galena); trace, anhedral ( $< 0.01$  to  $0.5$  mm). White reflective with a rough polish. Isotropic. Contains grains of native Au. Possibly simply galena, but SEM analysis is suggested.



[2] RS-4  
Multistage Quartz Breccia



Photomicrographs 00R XVIII 11 and 15

Scale 0.1 mm \_\_\_\_\_

Pictured (11): Au with pyrite

Pictured (15): native Au in quartz

Reflected light

Scale 0.1 mm \_\_\_\_\_

**Summary Description**

Similar to RS-1, this sample is quartz, suspected originally open space filling, possibly with some silicified lithic material, rebrecciated and mineralized, and also cut by unmineralized fractures / shear planes, with some crushing and recrystallization of the quartz. Overall, the recrystallization does not appear as pervasive as in [1]. Abundant pyrite, chalcopyrite, and another generation of quartz heal the breccia. With this is some native gold and traces of unidentified minerals.

## **Microscopic Description**

### **Transmitted Light**

Quartz; 65-70%, anhedral (0.01 to ~5 mm). Interlocking, and locally strained and recrystallized. Similar to [1], there is a network of fractures containing subsequent generation(s) of quartz, pyrite, chalcopyrite, and traces of native gold.

Chlorite; 1-3%, anhedral (microcrystalline). Irregular iron-stained (limonitic) aggregates found with pyrite, apparently partly forming a matrix among fractured quartz.

Carbonate (ankerite); traces+, anhedral (<0.01 to 0.1 mm). Small aggregates of iron stained carbonate are found with pyrite, similar occurrence as for the pyrite, as if forming a breccia matrix in fractured quartz.

Sericite / clays; traces, anhedral (microcrystalline). Minor sericite and/or clays found with iron-stained chlorite.

### **Reflected Light**

Pyrite; 25-30%, anhedral to euhedral (0.01 to 0.5 mm). Irregular aggregates and irregular, discontinuous veins. Appears to be a breccia matrix within fractured quartz. Some of the pyrite is itself fractured.

Earthy hematite / goethite (limonite);  $\leq 5\%$ , anhedral / amorphous (<0.01 to 0.1 mm). Fe oxides after pyrite. In many cases forms pseudomorphs.

Chalcopyrite; 3-4%, anhedral (<0.01 to 0.5 mm). Found with pyrite, typically at the outer margins of pyrite aggregates. Some alteration to covellite and chalcocite.

Marcasite; traces+, subhedral to euhedral (0.01 to 0.5 mm). Marcasite is intermixed with the pyrite.

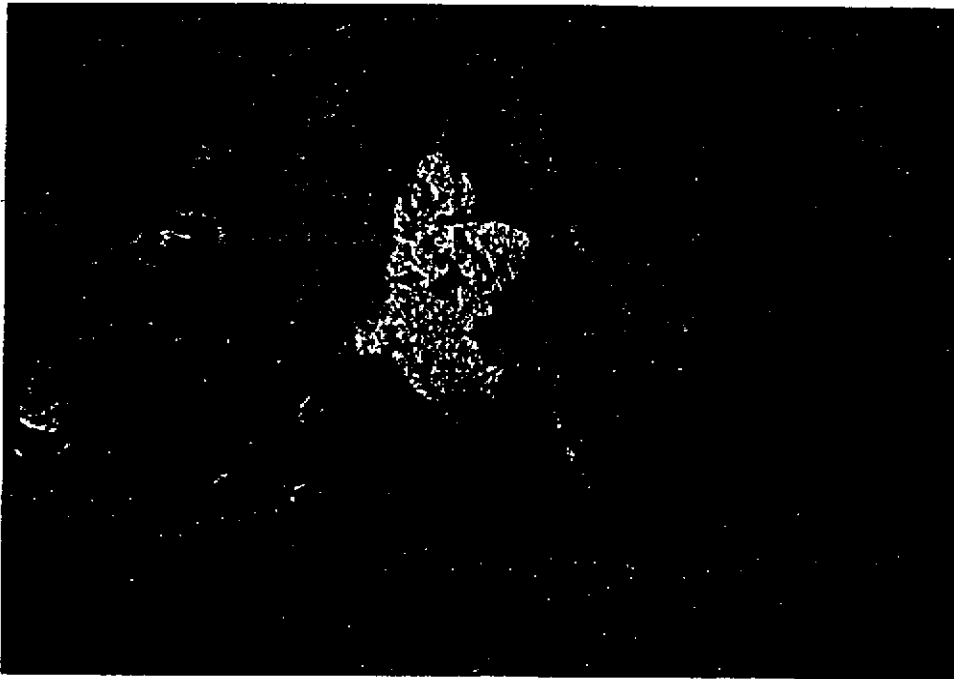
Pyrrhotite; traces, anhedral (0.01 to 0.1 mm). A few small grains of pyrrhotite within the pyrite. Some pyrite+marcasite may be after pyrrhotite.

Chalcocite+covellite; traces, anhedral ( $\leq 0.01$  mm). Some minor alteration of chalcopyrite in fractures and around grain edges.

Unknown; traces, anhedral (<0.01 to 0.05 mm). Small (isotropic) grains with the colour of pyrite, but taking a rough polish. SEM analysis is suggested -- in one case, this mineral is found with a minute grain of native Au with a reddish tarnish (see photomicrograph).

Tetrahedrite?; trace, anhedral (<0.01 to 0.1 mm). Loose aggregates enclosed by pyrite. Not clear whether a primary intergrowth. Brownish-grey colour, isotropic, no internal reflections observed. Requires confirmation by SEM.

Native Au; trace, anhedral ( $\leq 1$  micron to  $\sim 30$  microns). Few grains found in this section. Found in quartz, with an occurrence similar to pyrite, in small cavities in quartz. Some in what appear to be small vugs (rather than unhealed fractures).



Photomicrograph 00R XVIII 9 Reflected light

Scale 0.1 mm \_\_\_\_\_

Pictured: "unknown1" with a small tarnished speck of Au



# Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3  
PHONE (604) 888-1323 • FAX (604) 888-3642  
email: vanpetro@vancouver.net

September 19, 2000

Robert E. Gale  
R.E. Gale and Associates, Inc.  
107 - 2274 Folkstone Way  
West Vancouver, B.C. V7S 2X7

Dear Dr. Gale,

**Re: Petrographic description of one sample of breccia**

Please find enclosed a petrographic report for your sample. The remains and polished thin section will follow by mail. As I note in the report, I may have identified some micron-size gold grains, but they are just too small for positive identification. Your assay results if you have any, should provide some indication of whether it is correctly identified. Please do not hesitate to contact me with any questions or concerns. I can currently be reached by telephone at 604-796-2034 or by e-mail at [bknorthcote@yahoo.ca](mailto:bknorthcote@yahoo.ca).

Sincerely,

A handwritten signature in cursive script, appearing to read 'Bruce Northcote', written in black ink.

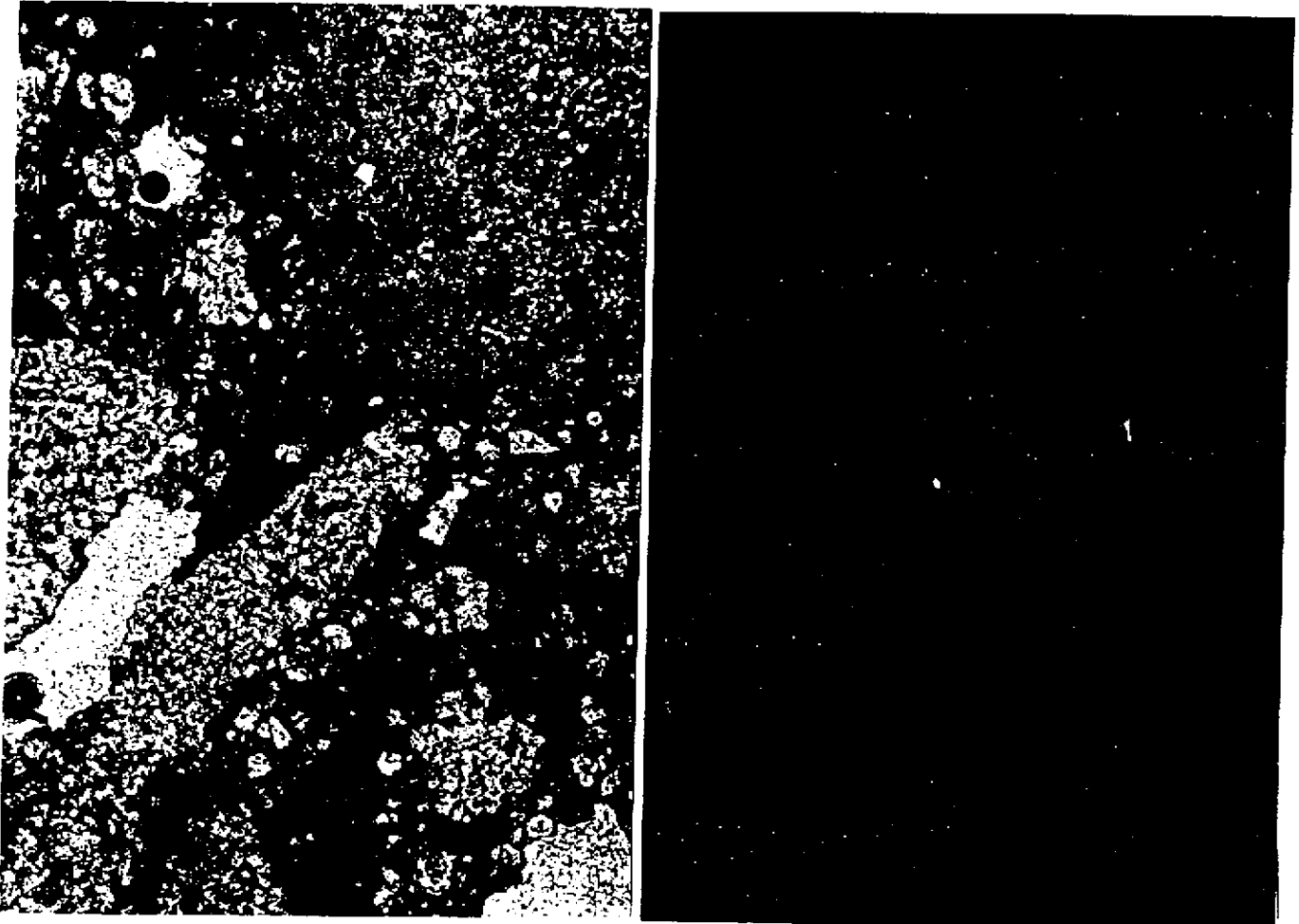
Bruce Northcote

Encl.

**Gale-1  
Multistage Hydrothermal Breccia**

**Summary Description**

Breccia consisting of angular clasts of pervasively silicified material with minor clays and sericite. Healed by quartz, limonite and chlorite/altered biotite, with many open spaces. Hematitic pseudomorphs after euhedral pyrite are found mainly in the matrix and around the edges of the clasts. Minute (micron scale) bright yellow metallics in the limonite or quartz of the matrix are suspected gold.



**Photomicrographs R00XXIII - 0 and 4.** Plane polarized light and reflected light. Pictured: (0) Silicified clasts and limonite+ quartz matrix with open spaces. Field of view (long axis ) is approximately 2 mm. (4) suspected gold in quartz in limonitic matrix. Field of view (long axis) is approximately 0.25 mm. The "gold" grain is 1-2 microns.

## **Microscopic Description**

### **Transmitted Light**

Quartz; 70-75%, anhedral (<0.01 to 0.3 mm). Angular clasts are pervasively and strongly silicified, consisting largely of quartz with lesser clays, sericite, and some minor remaining feldspar. Narrow quartz veins are visible in the clasts, not continuing into the present matrix. Quartz is also present in the later limonitic matrix with open spaces.

Clays; 7-10%, anhedral (microcrystalline). Small clayey patches (<0.1 mm) throughout the silicified clasts, between the quartz grains. More abundant in some clasts.

Chlorite/Altered Biotite; 5-7%, anhedral (<0.01 to 0.1 mm). Found throughout the limonitic, iron-stained matrix. Fresh biotite does not survive, some but ragged flakes retain higher first order birefringence (than is consistent with chlorite) and characteristic darker pleochroism parallel to vibration direction of polarizer.

Limonite; 5-7%, anhedral microcrystalline or amorphous. Undifferentiated Fe oxides, hydroxides, staining found throughout the matrix. Possibly some jarosite is present (not positively identified).

Plagioclase;  $\leq$ 5%, anhedral (0.01 to 0.2 mm). Locally some feldspar survives, generally clay altered to varying degrees and locally sericite-altered.

Sericite;  $\leq$ 5%, anhedral (microcrystalline). Sericite is finely disseminated in most silicified clasts. In some it is nearly absent. There are a few small sericitic patches, presumably pseudomorphs, probably after feldspar.

Veins: narrow quartz veins (without open spaces) and microveins are visible within the strongly silicified clasts. These are part of an earlier phase of brecciation or veining and silicification and do not continue into the limonitic matrix..

### **Reflected Light**

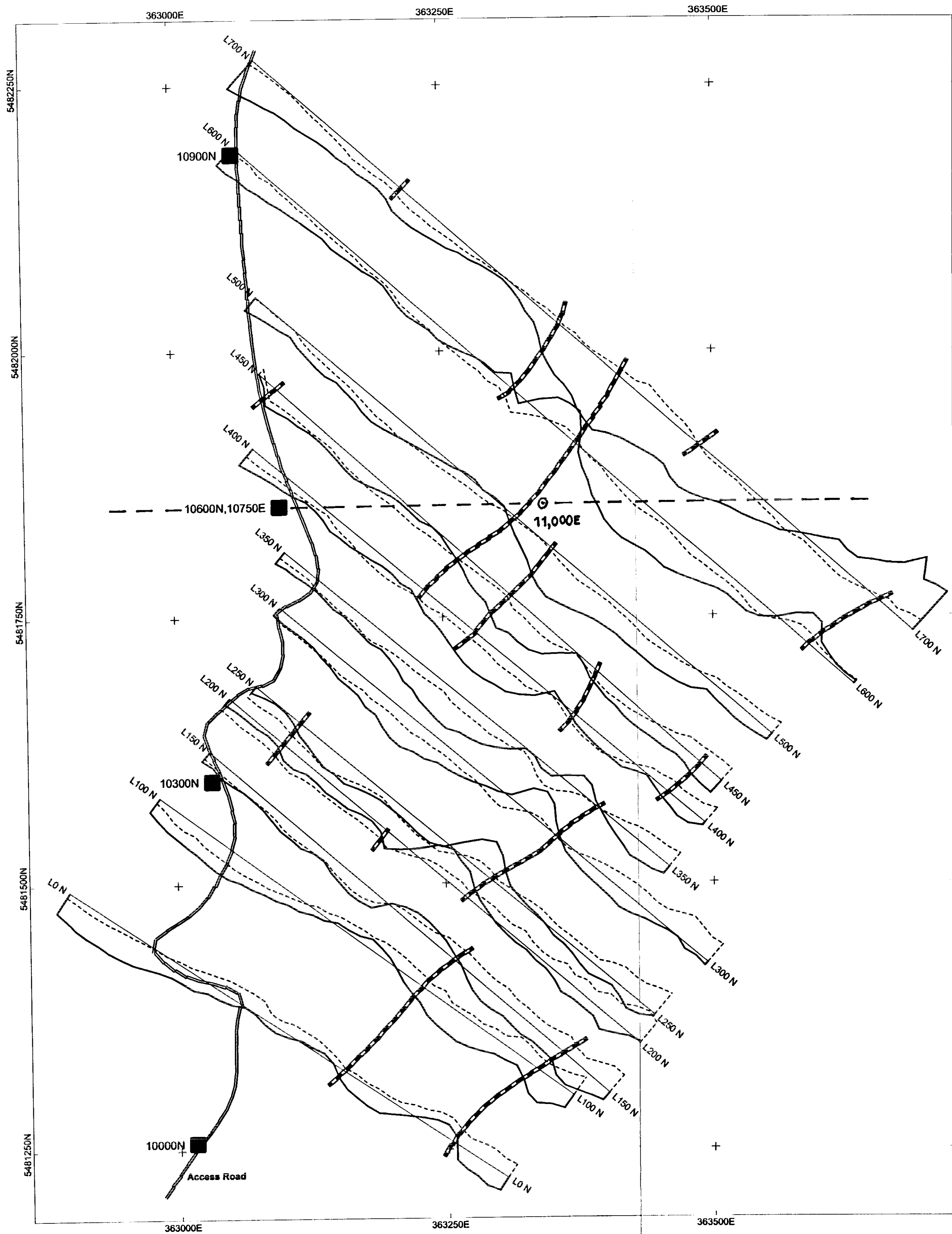
Hematite; 1-2%, pseudomorphs (<0.01 to 0.3 mm). Forms pseudomorphs after euhedral pyrite, commonly containing small remnants of the original sulphide. These are found mainly in the limonite, chlorite, quartz matrix, or immediately adjacent to it in the silicified clasts. To a much lesser extent, it is disseminated in the clasts.

Leucoxene; traces, anhedral (microcrystalline). Very finely and sparsely disseminated in the silicified clasts.

Pyrite; traces, anhedral to euhedral (<0.01 to 0.1 mm). Found mainly as remnants in hematite pseudomorphs. A few small crystals survive where enclosed by quartz.

Chalcopyrite; traces, anhedral (<0.01 to 0.05 mm). Very sparse, small grains enclosed in quartz.

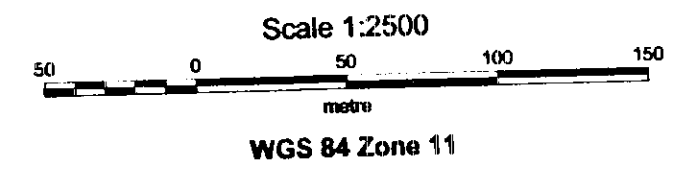
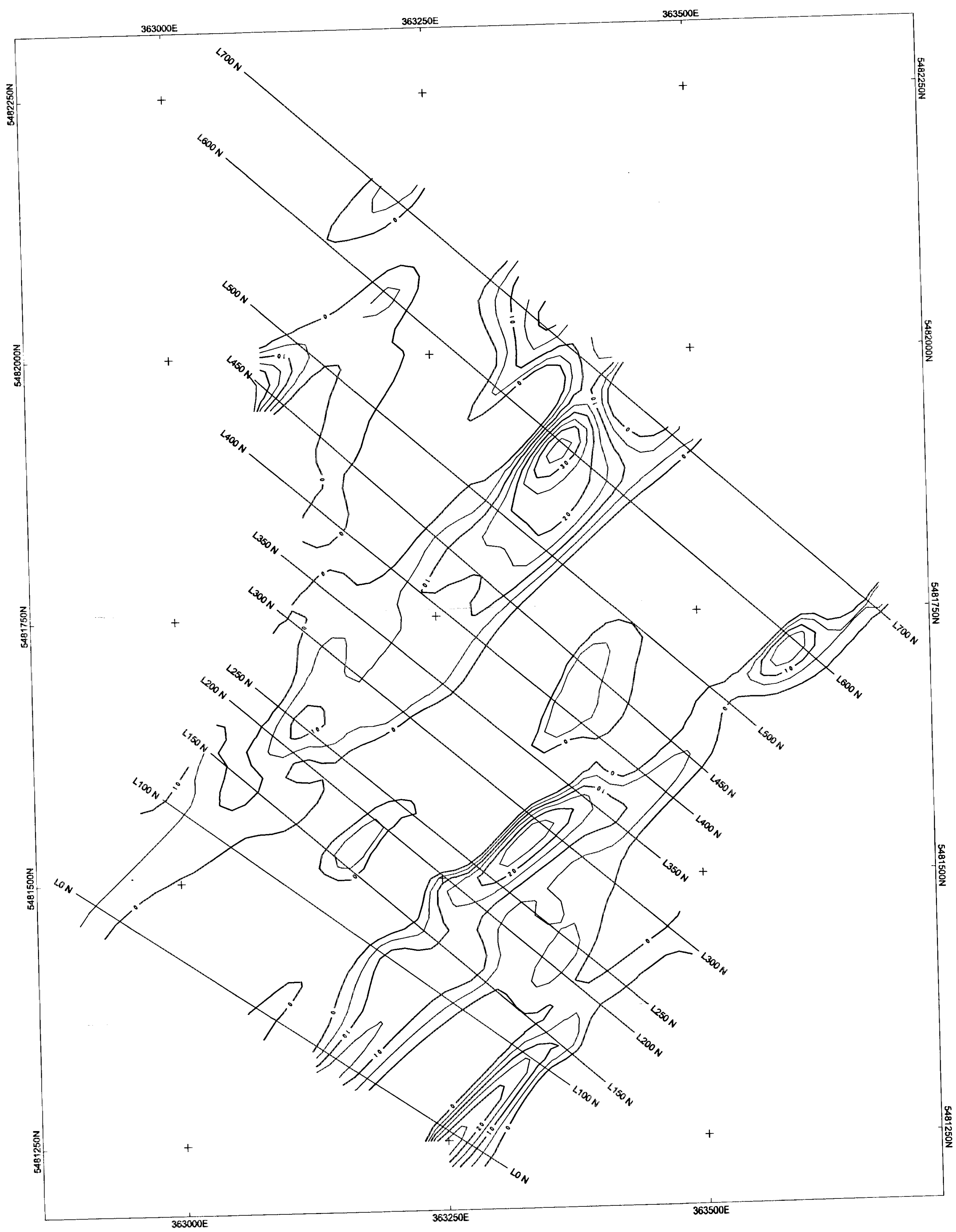
Native Au (?); traces, anhedral (approximately 1 micron). Minute bright reflective yellow grains found in the limonite and quartz of the matrix are probably gold. Too small for positive identification with the optical microscope.



26,369  
 EMJAY ENTERPRISES LTD.

VLF ELECTROMAGNETIC SURVEY  
 PROFILES OF INPHASE & QUADRATURE  
 20% per cm ①  
 WARD GROUP  
 GREENWOOD M.D., BRITISH COLUMBIA  
 OCTOBER 2000 NTS. 82E046, Figure A  
 PETER E. WALCOTT & ASSOCIATES LIMITED

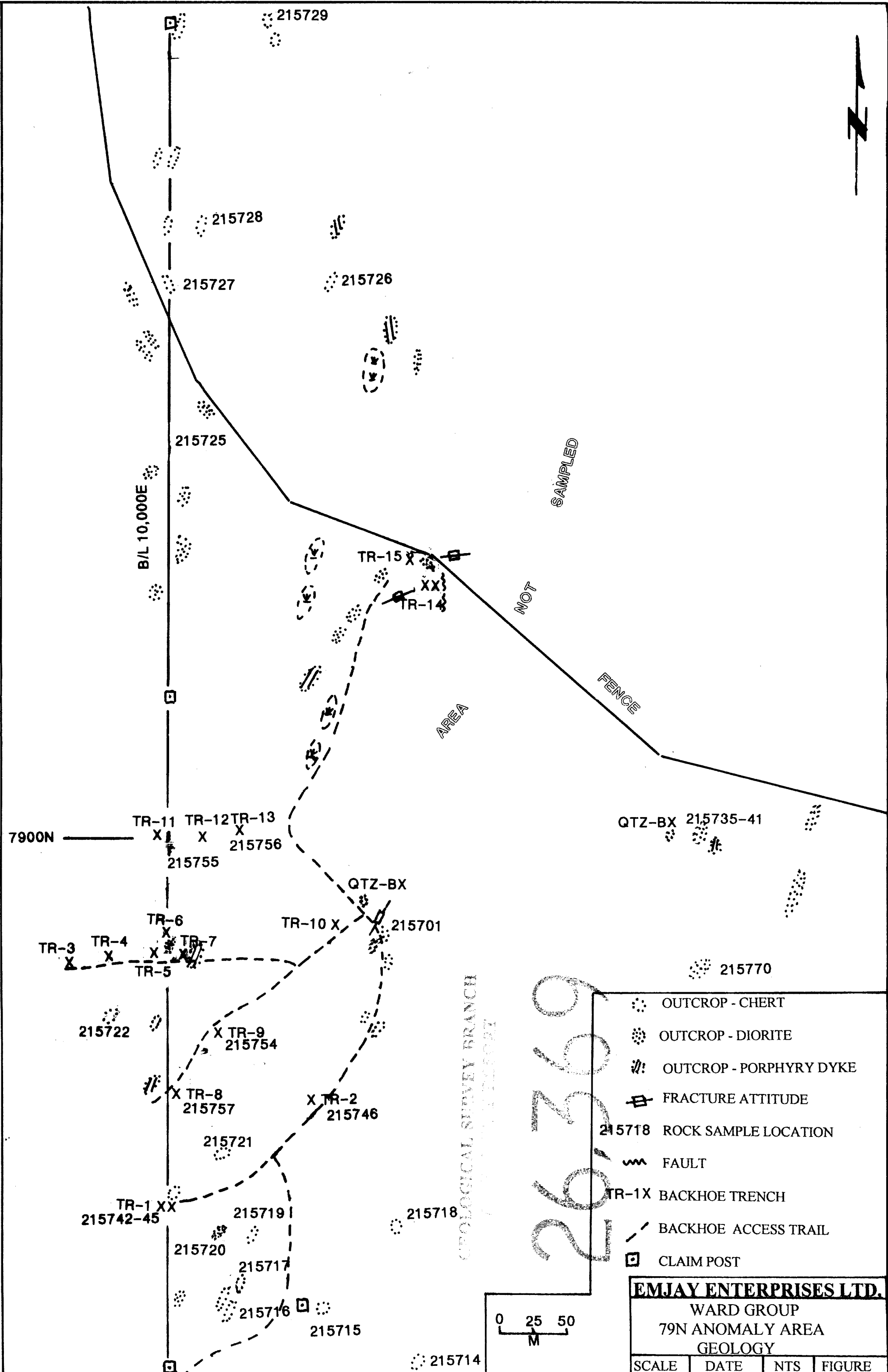




GEOLOGICAL SURVEY BRANCH  
 REPORT

26,369

<b>EMJAY ENTERPRISES LTD.</b>	
VLF ELECTROMAGNETIC SURVEY CONTOURS OF FRASER FILTERED INPHASE (in percent) ②	
WARD GROUP GREENWOOD M.D., BRITISH COLUMBIA OCTOBER 2000 NTS. 82E046, Figure B	
<b>PETER E. WALCOTT &amp; ASSOCIATES LIMITED</b>	



SAMPLED

NOT

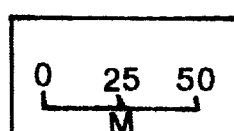
FENCE

AREA

GEOLOGICAL SURVEY BRANCH  
MINISTER OF INDUSTRY

26369

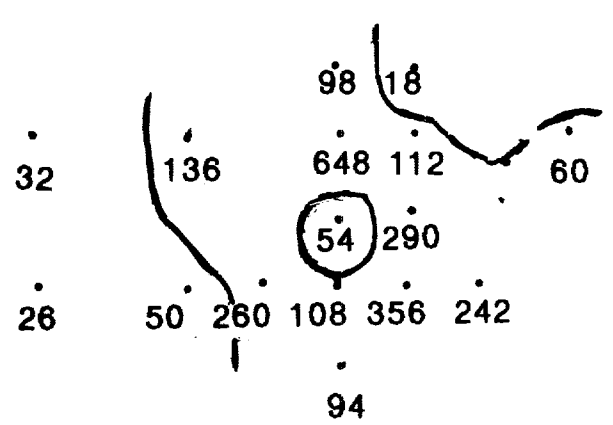
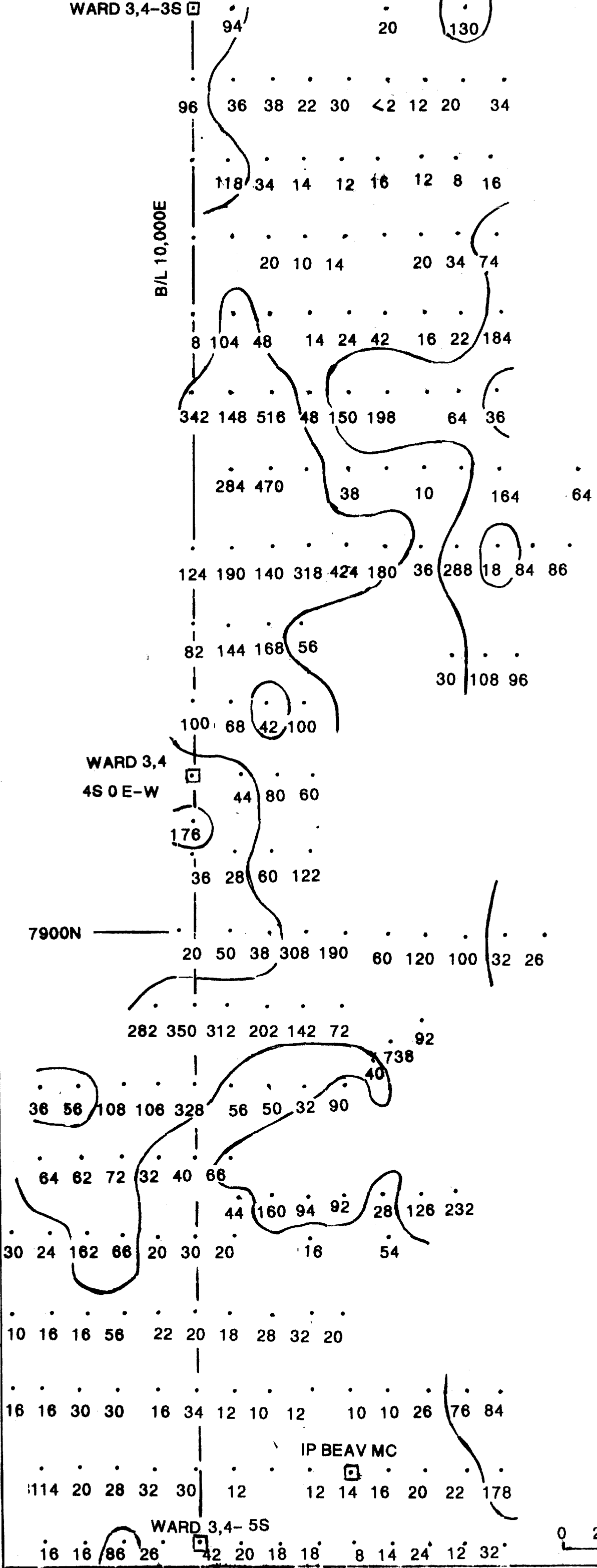
- ⊙ OUTCROP - CHERT
- ⊙ OUTCROP - DIORITE
- ⊙ OUTCROP - PORPHYRY DYKE
- ⊙ FRACTURE ATTITUDE
- ⊙ 215718 ROCK SAMPLE LOCATION
- ⊙ FAULT
- ⊙ TR-1X BACKHOE TRENCH
- ⊙ BACKHOE ACCESS TRAIL
- ⊙ CLAIM POST



<b>EMJAY ENTERPRISES LTD.</b>			
WARD GROUP			
79N ANOMALY AREA			
GEOLOGY			
SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E7	4

WARD 3,4-3S

B/L 10,000E

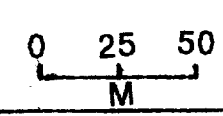


ARSENIC IN PPM  
+ 60 PPM Anomalous

26,369

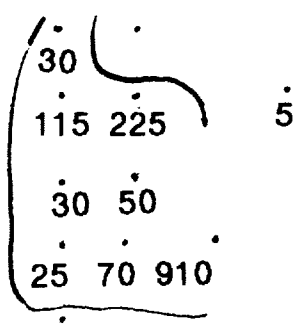
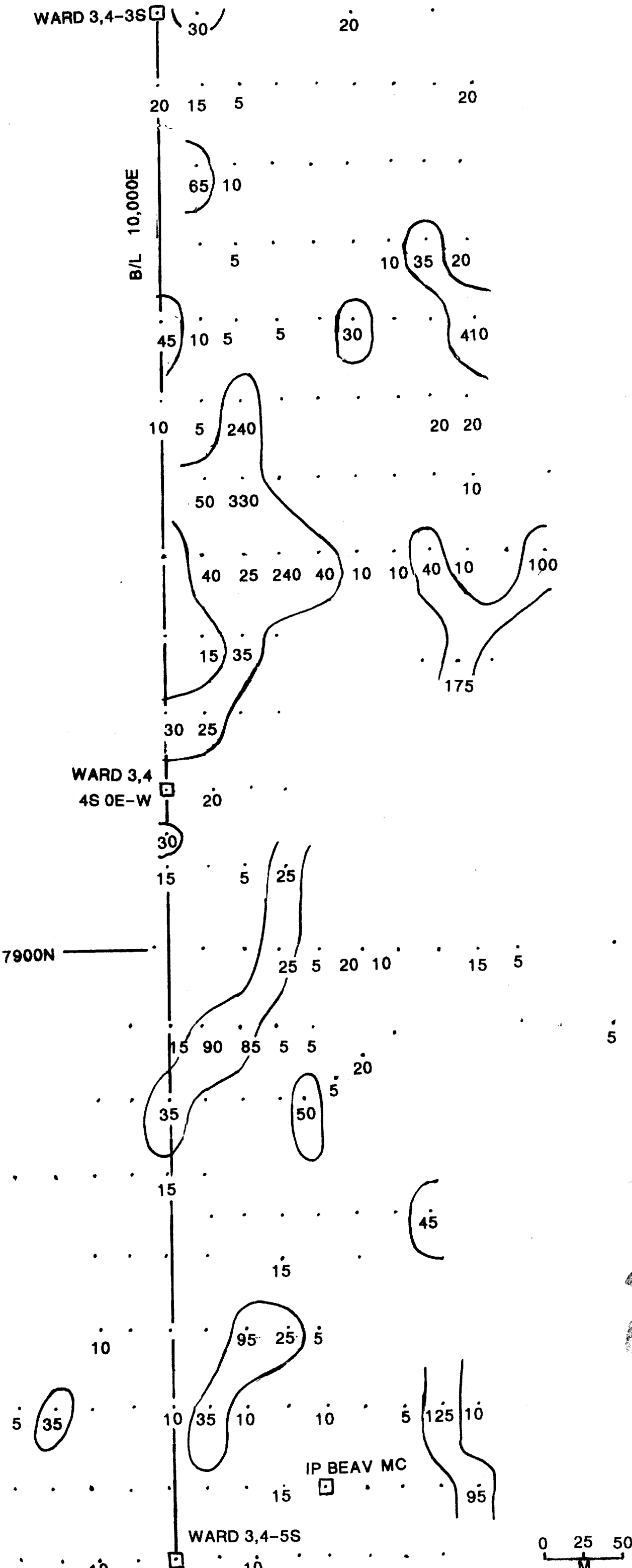
ARSENIC IN PPM  
+ 60 PPM Anomalous

EMJAY ENTERPRISES LTD.			
WARD GROUP			
79N ANOMALY AREA			
ARSENIC GEOCHEM RESULTS			
SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E7	6



WARD 3,4-3S

B/L 10,000E



MINERALOGICAL SURVEY BRANCH  
LABORATORY REPORT

26,369

GOLD IN PPB  
+ 25 PPB ANOMALOUS  
GOLD RESULTS < 5 PPB NOT PLOTTED

<b>EMJAY ENTERPRISES LTD.</b>			
WARD GROUP			
79N ANOMALY AREA			
GOLD GEOCHEM RESULTS			
SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E7	7

WARD 3,4-3S

30

28

317

B/L 10,000E

46 51 52 15 11 <1 <1 20 14

85 15 14 12 21 14 11 19

22 14 30 22 36 63

49 81 25 16 19 39 12 13 107

63 56 118 12 19 17 24 13

137 160 20 9 14 9

21 245 132 583 368 98 11 225 10 9 13

75 52 56 18

10 68 11

160 190 16 11

WARD 3,4

4S 0E-W

13 7 13

18 9 50 62

7900N

14 16 16 67 75 38 381 107 25 18

14 18 105 19 15 28 21

11 22 15 7 86 90 12

14 29 13 53 30 120

24

28 12 29 17 41 12 10 9 63

29 9 104 30 19 9 7 21 13 16 7 9 25

27 68 24 13 6 14 13 18 31 15

12 8 12 8 35 32 117 70 16

9 13 11 17 23 7 34 25 18 11 10 20 18

IPI BEAV MC

25 12 6 30 18 13 35 15 12 11 12 62

WARD 3,4-5S

44 10 25 21 24 15 18 31 6 12 25 7 103



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

26319

COPPER IN PPM  
+ 60 PPM - ANOMALOUS

EMJAY ENTERPRISES LTD.

WARD GROUP  
79N ANOMALY AREA  
COPPER GEOCHEM RESULTS

SCALE	DATE	NTS	FIGURE
1:2,500	OCT/00	82E7	8

