1025

Geophysical and Geochemical Report
on the
Bolo Claims

Vernon and Nicola Mining Divisions, British Columbia

for

Getchell Resources Inc.

1795 Versatile Drive

Kamloops, B. C.

V1S 1C5

Covering: Bolo Group (Bolo 1, Bolo 2, Bolo 3, Bolo 4)
67 units

FILMED

Work Performed: August 11th to September 20th, 1988

Location:
1. 50° 16' North, 119° 41' West
2. N. T. S. Map 82 L/5E
3. 23 kilometres west of Vernon, B. C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,870

Prepared by

Douglas A. Leishman, B. Sc.

Suite 2 - 423 First Avenue

Kamloops, B. C.

Table of Contents

List of Figures

Appendices

Summary

This report summarizes the work completed by Getchell Resources Inc. on the Bolo 1 to 4 mineral claims located in the Vernon and Nicola Mining Divisions during the 1988 field season. The Bolo claims were staked in the fall of 1985 to cover the possible northern extensions of the gold-silver bearing shear structures found on the adjacent Brett claims located to the southeast of the Bolo claim group. Recent work by the Huntington/Corona Joint Venture has found high grade intersections of up to 2 ounces gold per ton over distances of 235 feet within these shear structures.

The Bolo claims are underlain by a sequence of Tertiary volcanic lavas and flows similar to what overlies the adjacent Brett claims. These Tertiary units are believed to young towards the western part of the property. There are indications that the Bolo claims are underlain by units higher in the Tertiary sequence than found on the adjacent Brett property.

Work completed by Getchell during the 1988 field season consisted of VLF-EM and Magnetometer surveys (a total of 23.75 line kilometres each) with a limited amount of geochemical sampling (rock, silts and pan concentrates). Interpretation of the geophysical data indicates the possiblity of north to northwesterly trending structures being present within the Bolo claim group. Examination of outcrop exposures and float indicates the possiblity of zones of secondary silicification (ie: chacedonic float with minor iron alteration) being present within the area underlain by the Bolo claims. Silt and pan concentrate samples indicate the presence of anomalous precious metal values on various areas of the property. In addition there are elevated values in arsenic, mercury and antimony in some of the rock, silt and pan concentrate samples. Previous work in 1986 (soil sampling) revealed the presence of erratic but anomalous values of gold in the soils over parts of the claim group.

It is concluded that the Bolo claim group has the potential of hosting "Bonanza" type precious metal mineralization similar to that which is found on the adjacent Huntington/Corona Brett property. Further work is proposed to fully explore and develop the epithermal gold-silver potential of Getchell Resources Inc. Bolo claim group.

Introduction

From August 11th to August 29th 1988, a preliminary geophysical programme was completed over parts of Getchell Resources Inc. Bolo 1-4 mineral claims situated near Bouleau Lake, Vernon and Nicola Mining Divisions. In addition to the geophysical surveys (VLF-EM and Magnetometer) some geological and geochemical sampling was completed. This programme was carried out in order to evaluate the northerly extension of a Tertiary volcanic sequence which is known to host several gold-bearing, epithermal vein structures on the adjacent Brett claims held by Huntington Resources Inc. and presently operated by Corona Corporation.

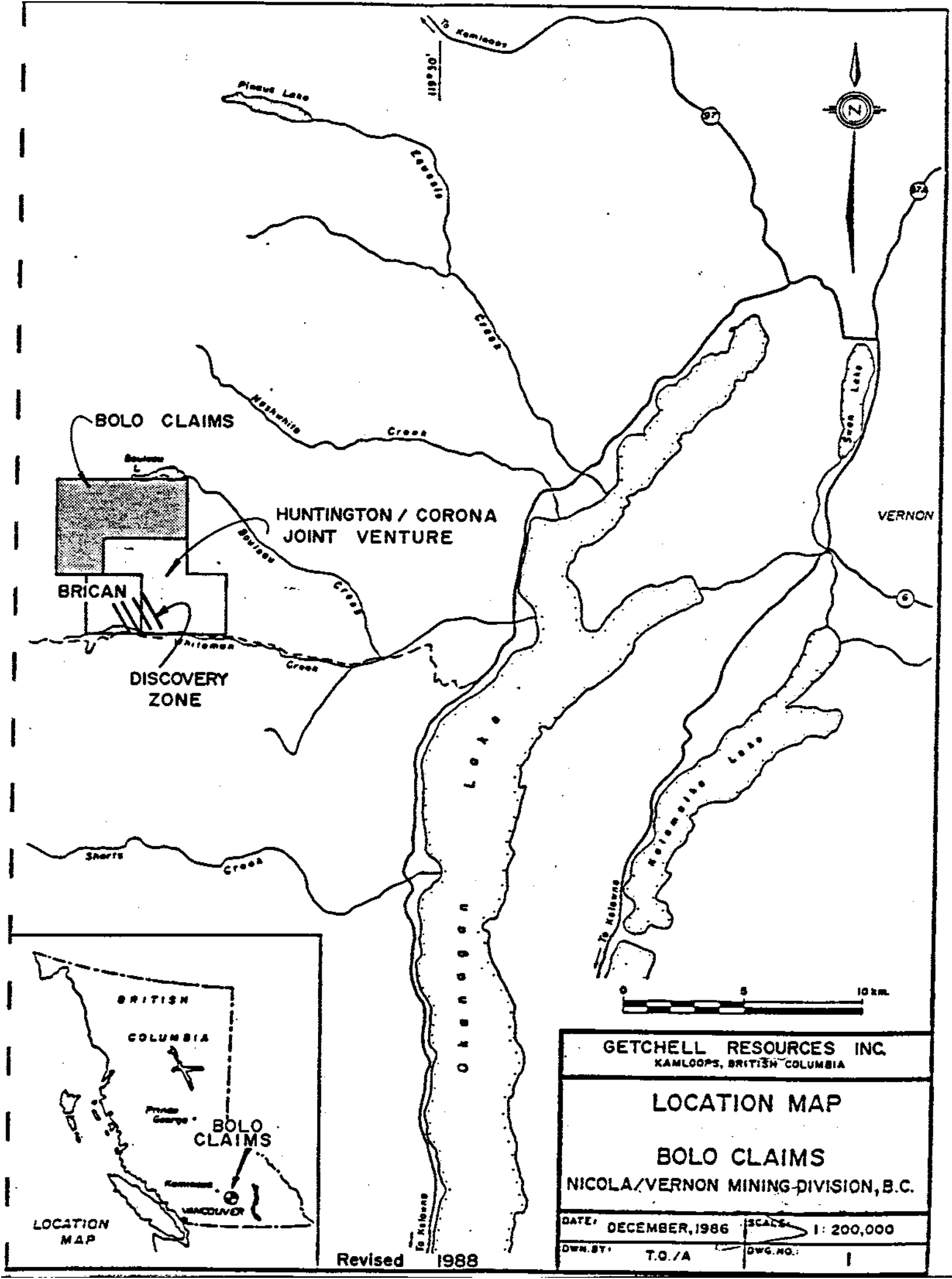
This 1988 work programme was completed by D. A. Leishman, B.Sc. and J. Belik of Kamloops, British Columbia under the supervision of D. A. Leishman. This work was completed for Getchell Resources, Inc. upon the request of Mr. G. Belik, President of Getchell. Short sections of this report have been taken from a previous assessment report completed by G. Belik for the predecessor company of Getchell (Prebble Resources Inc.)

Location, Physiography and Access

The Bolo claims are located about 23 kilometres due west of the City of Vernon at approximate geographic co-ordinates of 50°16' North latitude and 119° 41' West longitude. The Bolo 3 claim occurs within the Vernon Mining Division. The Bolo 1,2, and 4 claims occur partly within the Vernon Mining Division and partly within the Nicola Mining Division.

The northern part of the claim area is readily accessible via the Bouleau Lake access road which connects onto the Westside Okanagan Lake road near Whiteman Creek. The Westside Okanagan Lake road connects with Highway 97 about 14 kilometres northwest of Vernon.

Roads recently constructed by loggers provide excellent access into the central portions of the claim group (Figure 2). It is expected that logging of parts of the Bolo claim group will commence in the near future.


BOLO CLAIMS
HUNTINGTON / CORONA JOINT VENTURE
BRICAN
DISCOVERY ZONE
VERNON
Okanagan Lake
Columbia Lake
Swan Lake
Shorts Creek
Whitman Creek
Boulder Creek
Meshuhita Creek
Pinaus Lake
To Kamloops
To Kelowna
97
97A
6
N
0
5
10 km
BRITISH COLUMBIA
Prince George
BOLO CLAIMS
Kamloops
VANCOUVER
LOCATION MAP
GETCHELL RESOURCES INC.
KAMLOOPS, BRITISH COLUMBIA
LOCATION MAP
BOLO CLAIMS
NICOLA/VERNON MINING DIVISION, B.C.
DATE: DECEMBER, 1986
SCALE: 1: 200,000
DWN. BY: T.O./A
DWG. NO.: 1
Revised 1988

The Bolo 1 to 3 claims lie on a north facing slope with the southern claim boundary running in an eastwest direction along the ridge crest that separates the Whiteman Creek watershed form the Bouleau Creek watershed (Figures 1 and 2). Elevations vary from approximately 4,500' a.s.l. in the northeastern portion of the claim group to approximately 6,500' a.s.l. in the western section (on the ridge that separates Bolo 1 from Bolo 4). Bolo 4 lies south of the ridge system described above and has a south facing slope.

Topography can vary from moderate to very steep. There are a number of rock faces making traversing difficult at times. Outcrops are found mainly on ridge crests and along the upper parts of drainage systems (see Figure 2). Vegetation consists of the normal coniferous types (spruce, fir and pine) found in south central British Columbia. Undergrowth in parts of the claim group north of the ridge crest can make traverses and line cutting difficult. There are a number of drainage systems (northerly) draining into the valley of the Bouleau Lakes some of which are dry in the late summer.

Property and Ownership

The Bolo claim group consists of 4 contiguous metric claims totalling 67 units (approximately 1,675 hectares). Pertinent claim information is listed below.

Claim Name	Units	Record Number	Record Date
Bolo 1	20	2067	December 20, 1985
Bolo 2	15	2068	December 20, 1985
Bolo 3	20	2069	December 20, 1985
Bolo 4	12	1665	December 23, 1985

These claims are owned by Getchell Resources, Inc. of 1795 Versatile Drive, Kamloops, B. C.

History

With the exception of the previous work programme carried out by G. Belik and Associates of Kamloops, B. C. in 1986 there has been no documented exploration work carried out within the area of the Bolo claims. Low level geochemical anomalies of gold in soil have been discovered by Getchell in a previous work programme (1986, see Figure 2). However, the recent work by the Huntington/Corona Joint Venture on the adjacent Brett claims has uncovered a gold bearing epithermal system where values of up to 2 ounces of gold over 235 foot intersections have been found in a recent drill programme (June 1988). More recently Brican Resources Inc. has commenced a drill programme to the immediate south and east of the Bolo 4 claim (September 1988). Similar structures to what have been found on the Huntington property are presently being tested (see Figure 1 and 2). The projected strike of the northwesterly mineralized shear (Discovery Zone) discovered by Huntington/Corona joint venture extends towards the Bolo claim group.

Regional Geology

The most recent mapping of the Vernon area was completed by Church in 1979 for the B. C. E. M. P. R. Church's map shows the area of the Bolo claims being underlain by a thick, flat-lying sequence of Tertiary, andesitic to basaltic flows with minor tuff interbeds. East of the claim area, the volcanic sequence unconformably overlies granitic rocks of Jurassic or Cretaceous Age. To the south, on the adjacent Brett claims, the volcanics are cut by a number of north to northwest trending altered shear zones and complex quartz vein zones which host significant gold and sliver mineralization. These zones are presently being evaluated by the Huntington/Corona joint venture.

Property Geology

The Bolo property is unmapped geologically however while the present programme was being completed outcrop distribution was noted (Figure 2) and observations were made. The observations made by Church are correct on a large scale. The outcrops seen on the Bolo claims consist primarly of thick volcanic flows in the eastern part of the property to more basaltic lavas with minor interbeds of finer grained tuffs and sediments towards the western part of the property. Churchs most detailed description of the Tertiary sequence comes from Bulletin 61 (Geology of the White Lake Basin 1973). His mapping of the Vernon (Bouleau Lake area) indicates he equates the area underlain by the Bolo claims to that of the Kitley Lake Member of the Marron Formation which in the White Lake area consists of at least 1,000 feet of trachyte and trachyandesite lavas.

On the Bolo claims massive flows, commonly porphyritic, with a buff to grey matrix that weathers red to maroon make up most of the exposures from the baseline and towards the eastern end of the present grid. These units are generally very massive with individual flows many feet thick. They form large bluffs which are quite visible from the Bouleau Lakes. Overlying these massive flows is a an altered amagdaloidal lava with a very distinct green alteration clay mineral (celadonite?, turquoise to almost malachite green colours) forming the amagdales. This unit appears to outcrop only in the south central portion of Bolo 1 and 2 and the north and eastern part of Bolo 4 (commonly in the areas of higher elevation). In the same area as where this green alteration mineral is found are coarse, sub angular pieces of secondary, dark brown jasperoid? and beige chalcedony (Bolo 6 and 7). Bolo 6 is possibly near the outcrop source while Bolo 7, which is a much more interesting (yet similar rock) is less angular and appears to have travelled a greater distance. An interesting aspect of this rock is that of its location relative to the projected strike of the Discovery Zone from the nearby Brett property. If these samples are from secondary vein structures it is perhaps more than co-incidental that they are located along the projected strike of the Discovery Zone.

Overlying these units are more massive vesicular basalts with minor interbeds of finer grained sediments and pyroclastics. These units outcrop on the western and southern part of the present grid, the area just to the west of Little Bouleau Lake (Figure 2, Bolo 17) and along the east to west ridge crest which separates Bolo 1 from Bolo 4.

There was less opportunity to examine outcrops which lie to the east and beneath the massives trachyandesite flows as the grid did not extend this far and road access was limited. Rock samples Bolo 20 to 22 were collected from the road that runs very near the eastern part of the Bolo 3 claim (and at times just outside the claim boundary). This area is underlain by more definitely pyroclastic units of variable composition. Fresh rocks are very hard to find and pale yellow to white clay? alteration minerals are common. Some of this pale iron oxide alteration is limonitic. Crystalline biotite and muscovite are common which might be indicative of a nearby intrusive. Church has mapped pre-Tertiary Granitic intrusions very near this area however the actual contacts or outcrops were not seen on the Bolo claims.

1988 Work Programme

The 1988 work programme on the Bolo claims consisted of establishing 9.8 kilometres of new grid lines (ie: Lines 6, 10 and 14 south) in the area of the previous grid. This grid area was then surveyed using E M and Magnetometer instruments. Upon the completion of the geophysical surveys 2.5 days were spent prospecting and collecting rock, silt and pan concentrate samples over the remainder of the claim group. A small amount of time was spent locating the grid in relation to the newly opened road complex.

Geophysical Surveys

Magnetometer Survey

Instrumentation

The magnetometer survey work was completed by Jason Belik under the supervision of D. A. Leishman. A total of 23.75 kilometeres of grid lines were surveyed with a Uni-Mag II Proton Magnetometer (Model G-846). This magnetometer, which resembles a small, short barrelled gun gives the operator the option of mounting the sensor head on the console or on a staff. For this survey the console mode of operation was utilized. Readings to a 10 gamma resolution may be taken by this instrument if operated with the sensor head attached to the

console.

For this survey most lines were surveyd at a 25 metre interval with the operator always facing along the line. A base station was established on the baseline (BL 7+00S) and secondary bases were established relative to this base station along the base line. Check readings were made of these base stations periodically during the day. All readings were corrected to the main base at the end of a days field work. Corrections of 10 gammas or less were generally ignored.

Presentation of Results

Figure 3 shows all plotted data for the magnetometer survey. For plotting purposes all readings have been reduced to a base of +50,000 gammas, therefore the value plotted beside each station would be the value greater than +50,000 gammas. The data was then contoured at an interval of 250 gammas. Magnetic values encountered in this survey varied from +56,500 to approximately +61,000 gammas. There are a number of stations on Lines 4 and 6 south where 12.5 metre readings were taken. These 12.5 metre stations were usually completed in areas of extreme magnetic relief and variation. This was generally where variations of 300 gammas occurred over short intervals. In some areas of high magnetic relief it was necessary to omit contour lines due to scale problems (Figure 3). However this was only done when the overall magnetic picture of the property would not be distorted.

Discussion of Results

In areas of high magnetic relief (ie: 300 gammas over 25 metres) intermediate (12.5 metre) stations were surveyed. Even where this rapid variation from station to station occurred it was generally possible to interpet the data from line to line (a distance of 200 metres).

In general the magnetic data is characteristic of an area underlain by volcanic flows and lavas. Volcanic flows and lavas generally have an irregular variation in readings over short intervals. Field observations made of along roads, lines and prospecting traverses confirmed the presence of volcanic terrane.

The contoured data on Figure 3 shows definite north to northwesterly trending linears. There is also an undulating appearance to the magnetic features in an east to west direction from troughs to crests . These undulations might be indicative of changing lithology (ie: flow type) and/or indicative of structural breaks with a north to northwesterly trend. Structural breaks could be accompanied by similar trending alteration zones/haloes which might be indicated by irregular magnetic features such as spot highs and lows . Heavy dashed lines on Figure 3 indicate zones of potential structural breaks. These are aligned in a north to northwesterly direction. It should be noted that northwesterly trending structures on the Brett property immediately to the southeast of the Bolo claims host signifcant deposits of gold and silver mineralization.

VLF-EM Survey

Instrumentation

The electromagnetic survey was carried out utilizing a Sabre Model 27 VLF-EM receiver manufactured by Sabre Electronic Instruments Ltd., 4245 East Hastings Street, Vancouver, B. C. This instrument measures the relative strength and dip of electromagnetic fields transmitted by radio stations in the 15-25 KHz range. These "primary fields" are horizontal but can be disrupted by the presence of electrical conductors and by local topographic relief. Disruptions caused by conductors are actually caused by "secondary fields" which are induced by the primary field. The tilt of this secondary field can be obtained by measuring the angle of the null (minimun signal) in a vertical plane, normal to the wave front of the primary field.

The relative strength and magnitude of the secondary field caused by a conductor can be affected by many factors which include:

1. Conductivity of the conductor.
2. Width of the conductor.
3. Length of the conductor.
4. Depth of the conductor.
5. Orientation of the conductor relative to the transmitter station.
6. Frequency of the transmitter.

For tabular elongate bodies maximun coupling and hence the strongest secondary electromagnetic field is obtained when the conductor is aligned normal to the primary wave (ie: conductor points to the transmitter station). There is virtually no coupling when conductors are aligned parallel to the primary field.

Local topographic relief can also cause a tilting of the primary field and lead to anomalous responses along ridge crests or along a sharp break in slope. However topographic anomalies can be eliminated by a lack of corresponding increase in field strength values which generally are associated with bedrock conductors. However, this is not always the case and care must be taken when interpreting VLF-EM anomalies within areas of moderate to steep topographic relief. For this survey the transmitting station utilized was located at Annapolis, Maryland (21.4 KHz). Readings were taken at 25 metre intervals along all east - west grid lines. A total of 23.75 kilometres of grid was surveyed with the Sabre VLF-EM on the Bolo claims.

Presentation of Results

The field notes showing dip angles and relative field strength values obtained during the survey are shown in Appendix I. Figure 4 is a contour map of the filtered dip angles. Significant anomalies are numbered 1 to 6. Field notes with the Fraser Filtered calculations are shown in Appendix I. The note cards used in this survey were provided by Tarnex Geoservices Ltd. of Kamloops B. C. These cards are usually used with the Geonics VLF-EM so column headings are slightly different compared to that recorded for the Sabre instrument. The column marked F.S. is the calculated Fraser Filter value for this survey and the column marked OP (out of phase for the Geonics instrument) is where Field Strength is recorded. The record of the Gain is recorded in the margins beside the Field Strength column.

The filtering technique utilized was developed by D. C. Fraser (Geophysics, V. 34, No. 6, P. 958-967, 1969). Briefly summarized, this technique converts anomalous cross-overs and inflections into positive values by a simple mathematical treatment of the dip angle data. This technique overcomes the difficulty, in many cases of interpreting profiles and enables the data to be plotted in plan form with conductive areas defined by contour lines.

Data was recored in field notes as if the lines were surveyed in a west to east direction. For consistency all readings were taken facing in a southerly direction. This was done to facilitate the use of the Fraser Filter Method in order to calculate and display anomalies.

The following calculation illustrates the Fraser Filter Method:

West ——————+——————+——F——+——————+——————East

A B C D

Where **A, B, C, D,** are station readings. **F** is the Filtered Value with

F = (A + B) - (C + D)

These calculations have been made on the cards in Appendix I with all positive values plotted on Figure 4.

Discussion of Results

Figure 4 shows all contoured Fraser Filtered Data. Only positive values have been plotted. Raw data and calculations are shown in Appendix I. Fraser Filter values are generally low however 6 areas have been outlined as being anomalous (numbered 1 to 6). All of these zones have been interpreted as extending over 2 lines or more (ie: strike length greater than 200 metres). There are a number of single or double point anomalous values (greater than 10°) that appear on one line only. It is possible that narrower spaced lines might extend the dimensions of some of these locations however at this time they are being ignored as to being significant.

A brief description of the 6 anomalous zones follows:

Anomaly 1

This conductor can be traced over 3 lines (Lines 12S to L16S) just to the east of the baseline. There appears to be a direct relationship between this conductor and a northwesterly

trending magnetic high (see Figure 3).

Anomaly 2

This conductor (Lines 6 and 8 South) appears to be a northerly extension of a magnetic trend (northwesterly) as seen on Figure 3.

Anomaly 3

This anomaly located on lines 14S, 3+50E and Lines 16S, 2+50E appears to be conductive over a greater width than the previous 2 conductors however it does not appear to be correlated with any magnetic trend.

Anomaly 4

This narrow two line conductor (Line 8S, 7+50E, and Line 10S, 8+37E) appears to have a direct correlation with a narrow magnetic anomaly trending in a north 340° west direction.

Anomaly 5

This conductor having a strike over 3 lines (Lines 8, 10 and 12 South) east of conductor 4 appears to follow a magnetic contour in a northerly direction.

Anomaly 6

This conductor located near the eastern end of lines 14S (18+25E) and 16S (18+50E) has a north 350° west trend. There does not appear to be any direct correlation with magnetics. The location of this conductor does correspond to a steep side hill.

In general the conductive zones outlined have a north to northwesterly trend often with an associated magnetic trend/or anomaly. This would indicate a relationship to a structural trend or break and/or a lithological change in the underlying bedrock. As the ore bearing zones on the Huntington/Corona joint venture are associated with narrow, northwesterly trending shear structures these coincident conductive zones warrant further examination.

Geological and Geochemical Work

A very limited amount of geological and geochemical sampling and prospecting was completed over the Bolo claim group.

A total of 21 rock samples, 8 silt and 7 pan concentrate samples were taken and analysed with 32 element I. C. P. method of analysis and gold by normal geochemical means. Later certain samples were selected and tested for arsenic, mercury and antimony by geochemical analysis (rocks, Bolo 1, 17, 20, 21, and 22 and silt samples PC 1, PC 2 and PC 4, 8 samples in total). All samples were analyzed by Chemex Labs Ltd. of Vancouver, B. C.

Laboratory Determination Method

All samples were analysed by 32 element I. C. P. analysis with gold competed separately by geochemical methods. Certificates of analysis are shown in Appendix I.

For gold a 10 gram samples was fused (Fire Assay) and then put into solution and read by Atomic Absorption methods (FA - AAS). For I. C. P. analysis the sieved material was digested by Aqua regia and read using I. C. P. proceedures. Pan concentrate samples were pulverised prior to being analysed by FA-AAS.

A number of samples (8 silt and rock samples) that showed potentially anomalous responses in Mercury (I.C.P. results) were checked using normal Atomic Absorption methods for trace element detection. The results of these samples won't be received in time for inclusion in this report. These samples (rock Bolo 1, 17,20,21,22 and silt PC 1, PC 2, PC 3) are being analyzed for Mercury, Arsenic and Antimony (Hg, As, Sb).

Presentation of Results

All sample locations with appropriate sample numbers are shown on Figure 2 (1:10,000). Sample types are denoted by symbols.

Since there are a very limited number of samples it was not possible to perform any statistical analyses of analytical results. All samples with interesting values in trace elements are noted on the plan with the appropriate elements.

Soil samples from a previous survey (1986) with anomalous values in gold are also shown on this plan (Figure 2). It should be noted there are 4 rock samples (Bolo 17, 20,21,22) that were actually taken slightly outside the property boundaries. These were considered representative of the units underlying the Bolo claim group but because of outcrop exposure it was more cost efficient to collect the samples at the plotted locations.

Discussion of Results

Two of the 7 pan concentrate samples were considered anomalous in gold and they are noted on the plan (PC 1 and PC 3). Both returned values of 140 ppb gold. It should be noted that the pan concentrated samples consisted of between 20 and 25 pounds of screened material (less than 1/4 inch) which was taken from the drainages at the marked locations. Each sample was then panned to approximately an equal volume (small plastic vial of 8 ml) and then sent for analysis where it was pulverized prior to analysis. These samples were not weight normalized as might have been preferable (particularily in a large regional type of programme) nor were separate sized fractions analysed as could be done. The basic idea in taking these samples was to see if there was <u>any gold</u> in the various drainages on the property and if so try and relate the individual samples to one another. The sampling appears to have been a success as 2 of the samples showed low, yet analytically significant values of gold (140 ppb). Both of these drainages are major drainages on the property and may show this increased gold content due to draining areas of mineralized shears. Sample PC 1 may be of greater interest as it also showed a slightly anomalous value in molybdenum (Mo 4 ppm).

A total of 8 silt samples were taken, 7 of which were twinned with pan concentrate samples. Of these samples 3 (PC 1, PC 2 and PC 4) returned potentially anomalous values in mercury (Hg) as detected using ICP. All 3 samples are now being tested by normal geochemical means (Atomic Absorption) for mercury, arsenic and antimony.

A total of 21 rock samples were taken (Bolo 1 to Bolo 22) most of which were outcrop or considered subcrop. Samples of float were taken only if they appeared to have the potential of carrying anomalous precious metal values and considered representative of the float found on the property.

Of the rock samples only Bolo 7 (float) returned slightly anomalous values in gold and silver (10 ppb Au, 2.4 ppm Ag). This sample was of a highly silicified volcanic fragmental with minor chalcedonic veining, minor iron alteration with a trace of iron sulphides. Unfortunately this sample was not representative of the float found in this area (Figure 2, western most road near Line 10 S). However the veining within this rock resembled that of the samples found on the southern portion of the same road (the area of samples Bolo 5, 6, 9, 10 and 11).

Rock samples Bolo 17, 18, 20, 21, and 22 all had slightly elevated values in mercury (1 to 3 ppm as measured by ICP). Of these samples Bolo 18 was quartz vein float (white milky quartz) with very little alteration while most of the remaining rocks were volcanic flows (altered or weathered) from the western part of the property. These increased values in mercury may be related to lithology or to nearby epithermal activity. Bolo 17 was a massive basalt that also appeared to have a slightly higher than background value in molybdenum.

Finally Bolo 15 and 16 both returned interesting values in molybdenum with Bolo 15 returning a slightly anomalous value in tungsten (25 ppm W). Both of these samples were altered and this (Mo, W) mineral association could indicate a nearby intrusive or epithermal system.

Conclusions and Recommendations

The recent work completed on the Bolo claim is very preliminary. Small amounts of gold have been indicated in two of the main northerly drainages on the property by pan concentrate sampling. Jasperoid and chalcedonic quartz material has been found as float, some of which is clearly anomalous in precious metals (Bolo 7). Of particular interest is this float has been found on or very near the projected strike of the Discovery Zone on the adjacent Huntington/Corona property (see Figures 1 and 2).

Geophysical surveys (magnetometer and VLF-EM) indicate north to northwesterly geophysical trends (see Figures 3 and 4). These "linear fabrics" seem more prevalent centred on and east of the baseline. This could indicate that any crosscutting northwesterly shear structures do not crosscut all of the lithological units underlying the Bolo claims. It is believed that the Tertiary volcanic units which underly the Bolo claims young towards the western part of the claims (ie: the volcanic pile is thicker towards the west). If this is the case it would seem logical that shear structures are more likely to be found near the base of the Tertiary or in this case in the eastern part of the property (near or east of the baseline, see Figures 2 to 4).

In conclusion there is enough evidence (both subtle and direct) that the northwesterly shear structures that carry "Bonanza" type precious metal values on the adjacent Huntington/Corona property may continue onto and underlie the Bolo claim group. Further work is justified to fully explore the potential of the Bolo claim group.

Basic recommendations are to grid the entire property with appropriate geological, geochemical and geophysical surveys. It is expected that the property could be brought to the trenching stage with a very reasonable expenditure.

Douglas A. Leishman, B.Sc.

Consulting Geologist

September 20, 1988
Kamloops, British Columbia

References

Belik, Gary D. Geochemical Report on the Bolo Claims, Vernon and Nicola M. D., Prebble Resources Inc., Kamloops, B. C. December 1986

Church, B. N. Geology of the White Lake Basin, Bulletin 61, 1973, British Columbia Department of Mines and Petroleum Resources

Church, B. N. Geology of the Terrrace Mountain Tertiary Outlier, Preliminary Map 37, 1979 Department of Mines and Petroleum Resources

Appendices

Appendix I

VLF-EM Survey Data

with

Fraser Filter Calculations

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE August 1988 INSTRUMENT SABRE VLF

PROPERTY BOLO OPERATOR DAL

PROJECT # LINE 16 PAGE 1

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
15W	+6			70		-10	-16	+8	67
	+5	+11		50	850W	-12	-22	+3	67
1450	+2	-7	+8	62		-9	-21	-	73
	+1	+3	+5	83	8W	-12	-21	+3	70
14W	+1	+2	+7	67		-12	-24	+3	65
	-5	-4	+9	57	750	-12	-24	.	66
1350	-2	-7	+2	66		-10	-22	-	65
	-4	-6	+4	58	7W	-10	20	.	73
13W	-7	-11	+4	60		-8	-16	-	73
	-3	-10	-	62	650	-10	-16	0	71
1250	-2	-5	-	62		-6	-16	0	65
	-1	3	-	74	6W	-10	-8	+1	70
12W	0	-1	0	76		-9	-14	0	65
	-3	-3	+4	60	550	-9	-16	+2	65
1150	-2	-5	+2	60	4®	-12	-21	+3	65
	-3	-5	+3	76	5W	-9	-21	-	66
11W	-5	-6	+6	75		-9	-18	-	67
	-6	-11	+6	74	450	-5	-16	+3	65
CRIT? 1050	-8	-14	+9	70		-12	-21	+4	62
	-12	-20	+6	67	4W	-10	-22	+2	55
10W	-8	-20		67		-13	-23	-	65
C&R.	-9	-17	+1	65	350	-8	-21	-	66
950	-12	-21	+1	63		-10	-8	+1	65
	-6	-16	-	72	3W	-12	-22	+8	66
9W	-8	-14	0	72		-14	-26	-	40
		-15						-	

GAIN 65% → GAIN 65% GAIN 50% ↑

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR DAL

PROJECT # ______ PAGE 2

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
250	-12	-26		43		-17	-33		68
	-12	-24	-	40	4E	-16	-33	-	70
2W	-10	-22	-	40		-16	-32	+2	53
	-12	-22	0	43	450	-19	-35	+7	57
150	-10	22	-	42		-20	-39	+8	55
	-10	-20	-	45	5E	-23	-43	+8	50
1W	-6	-16	-	45		-24	-47	+5	48
	-9	-17	-	43	550	-24	-46	-	45
50	-7	-16	+2	45		-20	-44	-	47
	-12	-15	+2	42	6E	-20	-40	-	45
B	-6	-18	-	40		-19	-37	+1	45
	-2	-8	-	43	650	-22	-41	+2	45
50E	-5	-7	0	42		-19	-41	-	43
	-3	-8	+1	40	7E	-19	-36	+1	42
1E	-5	-8	+3	42		-23	-42	+4	43
	-6	-11	+12	45	750	-19	-42	-	35
150E	-14	-20	+9	45		-16	-37	-	40
	-6	-10	-	47	8E	-20	-36	+2	40
2E	-6	-12	-	47		-19	-39	+1	40
	-4	-10	-	55	850	-20	-39	+6	36
250	-6	-10	+10	52		-25	-45	+12	36
	-14	-20	+16	50	9E	-26	-51	+1	42
3E	-12	-26	+6	46		-20	-46	-	35
	-16	-26	+4	50	950E	-20	-40	-	32
350E	-14	-30	+5	50		-20	-40	+5	41
		-33	+2				-45	+7	

GAIN 57% GAIN 50% ↓ GAIN 50% → GAIN 30

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR DAL

PROJECT # ______ PAGE 3

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
10E	-22	-40		38	1625	-14	-27		53
	-23	-45	+7	40	1650	-10	-24	-	53
1050	-24	-47	+2	38		-13	-23	0	51
TANS OIL	-23	-47	-	45	17E	-11	-24	0	55
11E	-18	-41	-	46		-12	-23	-	56
	-19	-37	-	46	1750	-9	-21	-	60
1150	-17	-36	0	45		-12	-21	+5	60
	-20	-37	+4	45	18E	-14	-22	+6	55
12E	-20	-40	+1	47		-15	-29	+10	53
	-18	-36	+2	50	1850	-21	-26	+22	54
1250	-24	-42	+4	50		-30	-51	+26	42
	-16	-42	-	43	19E	-32	-62	+9	40
13E	-15	-33	-	50		-28	-60	-	35
	-16	-31	-	46	1950	-16	-46	-	33
1350	-16	-32	0	46		-16	-36	-	37
	-15	-31	-	47	30E	-14	-32		37
14E	-14	-29	-	45					
PEAK RIDGE	-16	-30	-	45					
1450	-10	-26	-	35					
	-13	-23	-	40					
15E	-12	-25	+4	35					
	-15	-27	+1	40					
1550	-11	-26	0	35					
	-16	-27	+3	35					
16E	-13	-25	0	54					
		-27	-						

GAIN 530

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE August 1986 INSTRUMENT SABRE 27F

PROPERTY ______ OPERATOR DRL

PROJECT # BOLO PAGE 1

LINE 14S

STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
15W						-8	-15	+1	48
					850	-10	-18	+5	50
1450						-10	-20	+2	50
CLIFF	O/C BASALT				8W	-10	20	0	45
14W	-19	-39		75		-10	20	-	47
	-20	-34	-	70	750	-7	-17	-	48
1350	-14	-22	-	65		-12	-15	+5	47
	-6	-19	-	55	7W	-12	24	+4	46
13W	-11	-19	+1	53		-11	-23	-	47
	-8	-20	+4	55	650	-8	-19	-	47
1250	-12	-23	+2	56		-8	-16	-	42
	-11	-22	-	57	6W	-7	-15	-	47
12W	-11	-20	-	53		-6	-13	+1	46
	-9	-17	-	56	550	-10	-16	+7	50
1150	-6	-14	-	57		-10	-20	+5	50
	-6	-13	-	57	5W	-11	-21	-	47
11W	-7	-13	-	52	CK (PC)	-9	-20	-	49
	-6	-12	+3	53	450	-6	-12	-	52
1050	-6	-16	+6	48		-7	-15	-	48
	-10	-20	+3	49	4W	-7	-14	-	54
10W	-10	-15	-	50		-7	-14	+3	55
	-9	-16	-	50	350	-10	-17	+4	53
950	-7	-17	+1	50		-8	-18	+3	52
	-10	-17	-	48	3W	-12	-20	+6	47
CK 9W	-7	-15		48		-12	-24	+1	56
							-21		

Margin notes: LSH; SEH; STEEP

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # ______ PAGE 2

LINE 14S

STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
		24					-42		
250	-12	-24	-	50	TOP CLIFF	-34	-54	+15	45
	-12	-21	-	50	4E½	-30	-57	-	45
CENTRE HEAD? 2W	-9	-17	-	50		-27	-53	-	45
	-8	-20	+5	50	450	-26	-46	-	40
150	-12	-22	0	53		-22	-44	-	46
	-10	-30	-	54	5E	-22	-36	-	47
1W	-10	-16	-	52		-16	-31	-	49
	-6	-11	-	52	550	-15	-33	+1	43
50	-5	-11	+2	50		-18	-32	-	45
	-6	-13	+4	50	6E	-14	-26	-	45
BL	-7	-15	+2	50	Gully	-12	-27	0	47
	-8	-15	+2	51	650	-15	-26	-	45
50E	-7	-17	0	46		-11	-19	-	45
DRAINAGE	-10	-15	+1	47	7E	-6	-22	+10	47
100E	-5	-18	+11	46		-14	-29	+7	45
	-13	-26	+6	46	750	-15	-25	-	47
150	-13	-24	-	45		-14	-26	-	44
	-11	-24	-	42	8E	-12	-24	-	44
2E	-13	-22	-	42		-12	-24	-	45
	-9	-16	-	46	850	-12	-22	-	44
250	-7	-15	+4	47		-10	-13	+3	43
	-8	-20	+13	47	9E	-13	-25	0	43
3E	-12	-18	+14	48	BLUE SLATE	-12	-23	-	42
	-16	-34	+14	45	950	-11	-22	-	31
350E	-18	-42		44		-11	-20		43

Margin notes: 50T; GAIN 5 90; Gain 596

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # ______ PAGE 3

LINE 14S

STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
10E	-9	-20	+1	46	1625	-9	-25	-	65
	-11	-13	+6	46	1650	-10	-19	-	62
1050	-14	-25	+7	42		-11	-24	+9	65
	-16	-30	+4	42	17E	-14	-25	+4	50
11E	-16	-32	+6	35		-14	-28	+2	40
	-20	-36	+4	30	1750	-16	-30	+4	40
1150	-16	-36	-	30		-16	-32	0	45
	-16	-32	-	35	18E	-14	-30	0	40
12E	-16	-32	+2	35		-16	-32	+10	35
	-16	-34	+6	35	1850	-22	-40	+6	30
1250	-20	-36	+9	40		-16	-40	-	40
	-23	-43	+3	35	19E	-10	-36	-	30
13E	-16	-41	-	40		-12	-22	-	30
	-16	-36	-	52	1950	-12	-24	+2	30
1350	-11	-29	-	57		-12	-24	+2	30
	-13	-24	-	55	20E	-14	-26		56
14E	-14	-27	+6	60					
	-16	-30	+3	54					
1450	-14	-30	0	40					
	-16	-30	0	55					
15E	-14	-30	0	64					
	-16	-30	0	64					
1550	-14	-30	-	61					
	-14	-26	0	64					
16E	-16	-30	-	64					
		-25							

Margin notes: 596; 646

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE August 1988 INSTRUMENT SABRE VLF

PROPERTY ______ OPERATOR DAL

PROJECT # BOLO LINE 12S PAGE 1

GAIN 572 — SLOPE UPWARDS →

STA	DIP ∠		F.S.	OP
1500W	-14	-29		48
	-15	-29	-	47
1450	-14	-26	-	49
	-12	-27	+4	53
14W	-15	-30	+2	52
	-15	-29	-	59
1350	-14	-29	0	56
	-15	-29	-	58
13W	-14	-27	-	60
	-13	-23	-	60
1250	-10	20	-	61
	-10	-21	+2	63
12W	-11	-22	+2	63
	-11	-23	+4	65
1150	-12	-26	+3	63
	-14	-26	-	61
11W	-12	-19	-	61
	-7	-15	-	58
1050	-8	-15	-	61
	-7	-14	0	65
10W	-7	-15	+2	16
	-8	-16	-	61
950	-8	-13	-	60
	-5	-15	+5	60
9W	-10	-16		60

GAIN 572 ↔ 646

STA	DIP ∠		F.S	OP
	-8	-10	0	59
850	-7	-15	-	60
	-6	-13	-	62
8W	-8	-14	+1	65
	-6	-14	+1	65
750	-5	-15	+7	62
CK (PC)	-12	-21	+7	57
7W	-10	-22	-	60
	-6	-16	-	63
650	-9	-17	+2	62
	-11	-20	+4	63
6W	-12	-21	+1	63
	-9	-21	-	62
550	-7	-16	-	62
	-10	-20	+4	63
5W	-10	-20	-	65
	-9	-19	-	62
450 (BASE)	-9	-18	0	62
	-10	-19	-	66
4W	-10	-20	+2	66
	-11	-21	-	60
350	-8	-19	-	62
	-10	-18	+3	57
3W	-12	-22	+4	55
	-10	-22	-	60
		-21		

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # BOLO LINE 12S PAGE 2

GAIN 572 ↔ 646

STA	DIP ∠		F.S.	OP
250	-11	-21		55
	-10	-21	0	56
2W	-11	-21	0	56
	-10	-21	-	57
150	-8	-16	-	54
CK (PC)	-12	-20	0	62
1W	-6	-16	-	55
	-7	-13	-	63
50	-10	-17	+7	61
	-10	-20	+2	66
BL	-9	-19	-	65
	-6	-15	+1	75
50	-14	-20	+15	72
	-16	-30	+12	72
1E	-12	-32	+5	67
	-19	-35	+3	68
150	-16	-35	-	70
	-16	-32	-	65
2E	-16	-32	-	63
	-14	-30	-	62
250	-14	-28	-	62
	-14	-26	+2	55
3E	-16	-30		57
Ck cliff	FF	DEO Flows		
350	-16	-30		50

GAIN 556

STA	DIP ∠		F.S	OP
	-14	-30		52
4E	-12	-26	-	48
	-9	-21	-	52
450	-11	-20	-	46
	-8	-15	-	52
5E	-10	-16	+	53
	-11	-21	+7	53
550	-14	-25	+3	54
Gully	-10	-24	-	35
6E	-14	-24	-	30
Drainage	-8	-22	-	30
650	-8	-16	-	35
O/C trans	-3	-11	-	40
7E	-4	-7	-	35
	-1	-5	-	35
750	-1	-2	0	45
	-4	-5	+3	55
8E	-1	-5	-	50
	-2	-3	-	57
850	-2	-4	+3	63
	-4	-6	+2	60
9E	-2	-6	-	63
	-2	-4	-	55
950E	-2	-4	+3	45
	-5	-7	+5	65
		-9		

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # BOLO LINE 12S PAGE 3

GAIN → 646 — GAIN 556

STA	DIP ∠		F.S.	OP
10E	-4	-9	+7	68
	-10	-14	+11	67
1050	-10	-20	+6	64
	-10	-20	-	62
11E	-8	-16	+4	68
	-16	-24	+14	65
1150	-16	-32	+6	65
	-16	-32	-	58
12E	-8	-24	-	57
	-20	-26	+16	54
1250	-20	-40	+10	53
	-16	-36	-	47
13E	-20	-36	-	53
	-12	-37	-	54
1350	-15	-32	-	54
	-16	-33	+2	53
TOPSOIL 14E	-16	-34	[illegible]	54
	-16	-32	[illegible]	60
1450	-16	-32	+1	59
	-17	-33	+1	55
15E	-16	-33	-	57
	-9	-25	-	57
1550	-10	-15	-	56
	-8	-18	0	53
16E	-11	-19	+7	53
		-25		

STA	DIP ∠		F.S	OP
1625	-14	-25	+7	55
1650	-12	-26	+3	56
	-16	-26	+7	56
17E	-17	-33	+12	58
	-23	-40	+11	62
1750	-26	-49	+10	55
	-24	-50	+2	45
18E	-27	-51	+4	43
	-27	-54	+6	45
1850	-30	-57	+2	42
	26	-56	-	45
19E	-23	-47	-	43
	26	-49	-	46
1950	-16	-44	-	45
	-20	-36	-	35
20E	-20	-40		49

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE August 1988 INSTRUMENT SABRE VLF

PROPERTY Bolo OPERATOR DAL

PROJECT # ______ PAGE 1

LINE 10S

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
15W	-13	-23		64		-8	-16	-	58
	-10	-25	-	62	850	-10	-16	+3	59
1450	-15	-22	-	55		-9	-19	+3	60
	-7	-15	-	57	8W	-13	-21	+4	60
14W	-8	-17	+4	57		-11	-23	-	58
	-9	-19	+1	60	750	-9	-20	-	57
1350	-10	-18	-	62		-9	-18	-	58
	-8	-16	+1	63	7W	-8	-17	+1	55
13W	-10	-19	+8	56		-11	-19	+2	55
	-9	-26	+14	54	650	-8	-19	-	60
1250	-17	-33	+3	55		-10	-18	+2	55
	-16	-29	-	58	6W	-11	-21	+2	55
12W	-13	-24	-	60		-9	-20	-	55
	-11	-21	-	56	550	-8	-17	-	55
1150	-10	-16	-	55		-8	-16	-	55
	-6	-14	+2	55	5W	-8	-16	+2	56
11W	-8	-18	+7	54		-16	-16	+6	58
	-10	-21	+4	53	450	-12	-22	+4	57
1050	-11	-12	-	55		-10	-22	-	56
	-11	-18	-	57	4W	-10	-20	+2	57
10W	-7	-17	+3	55		-14	-24	+6	55
	-10	-21	+5	55	350	-14	-26	+4	55
950	-11	-22	-	55		-14	-26	-	52
	-11	-15	-	60	3W	-10	-24	-	57
9W	-8	-16		57		-20	-20	-	57
							-20	0	

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # ______ PAGE 2

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
25W	-10	-20	0	60		-8	-18	-	54
	-10	-20	+1	60	4E	-6	-14	-	60
2W	-11	-21	+1	62	Switch Back	-5	-11	+1	60
	-10	-21	-	58	450	-10	-15	+13	56
150	-7	-17	-	59		-14	-24	+15	53
	-10	-17	+4	60	5E	-16	-30	+20	45
1W	-11	-21	0	58		-28	-44	+7	40
	-6	-17	-	58	550	-9	-37	-	50
50	-6	-12	-	60	Creek	-2	-11	-	46
	-6	-12	-	63	6E	0	-2	-	56
BL	-4	-10	+1	63		+3	+3	-	50
	-5	-13	+6	60	650	+2	+5	-	50
50	-7	-16	0	60		+2	+4	0	54
	-6	-13	-	57	7E	+3	+5	0	58
1E	-8	-14	+4	56		+1	-4	+6	60
	-9	-17	+5	57	Gully 750	-2	-1	+5	65
150	-10	-19	+3	58		+1	-1	-	66
	-10	-20	+3	61	8E	+1	+2	+3	70
2E	-12	-22	+7	58		-5	-4	+13	65
	-15	-27	+15	62	850	-6	-11	+12	65
250	-22	-37	+17	67		-10	-16	+5	66
	-22	-44	+1	65	9E Gully	-9	-16	+3	68
3E	-16	-35	-	60		-9	-19	+2	62
	-16	-32	-	60	950	-10	-18	+7	55
350	-10	-26	-	60		-16	-26	+16	55
		-13					-34		

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE ______ INSTRUMENT ______

PROPERTY ______ OPERATOR ______

PROJECT # ______ PAGE 3

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S.	OP
10E	-16	-34	+12	60					
	-20	-36	-	55					
1050	-13	-33	0	55					
	-15	-38	-	54					
11E	-12	-27	-	53					
	-12	-24	-	55					
1150	-8	-20	-	55					
	-12	-20	+4	58					
12E	-12	-24	+4	60					
	-12	-24	+4	55					
1250	-16	-28	+4	50					
	-12	-26	-	66					
13E	-12	-24	+4	66					
	-20	-32	+16	55					
1350E	-22	-42		60					

654 (margin note with arrow beside 12E–1250)

763 (margin note beside 1350E)

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT Sabre VLF

PROPERTY Bow OPERATOR DAL

PROJECT # LINE 65 PAGE 1

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
15W	-11			44		-12		+3	52
	-9	-10		47	850	-14	-36	+5	46
		-16	-			-14	-36	0	47
1450	-9	-19	+2	45			-36	-	
	-10	-30	+1	47	800	-12	-34	-	42
14W	-10	-20	0	46		-12	-33	-	50
	-16	-20	0	46	750	+1	-23	-	50
1350	-10	-20	-	47		+12	-19	-	47
	-10	-16	-	47	700	-7	-17	+1	47
13W	-8	-19	-	47		-10	-20	+2	46
	-10	-14	-	42	650	-10	-15	-	47
1250	-4	-12	-	40		-9	-19	+3	47
	-8	-13	+3	41	600	-10	-22	+3	46
12W	-5	-15	+7	42		-12	-22	-	46
	-10	-20	+7	40	550	-10	-20	-	47
1150	-10	-22	+6	42		-10	-21	+1	52
	-12	-26	+2	41	500	-11	-21	-	50
11W	-14	-24	-	47		-10	-20	-	52
	-10	-24	+2	45	450	-10	-20	0	47
1050	-14	-26	-	45		-10	-20	0	44
	-12	-22	-	45	400	-10	-20	+2	44
10W	-10	-17	-	46		-10	-22	+1	42
	-7	-13	-	45	350	-12	-21	-	43
950	-6	-16	+10	47		-9	-17	-	43
	-10	-23	+10	53	300	-6	-20	+7	43
9W	-13	-26		50		-12	-24		43

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR _____

PROJECT # _____ PAGE 2

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
250	-12	-27	+1	45		-12	-24	-	40
	-9	-21	-	43	HE	-8	-20	-	40
2W	-6	-15	-	40		-7	-15	-	38
	-3	-9	-	38	450	-6	-13	-	39
150	-4	-7	-	35		-8	-14	+3	39
	-2	-6	+2	34	5E	-8	-16	+2	43
1W	-7	-9	+7	34		-8	-16	0	43
	-6	-13	+4	36	500	-8	-16	+1	43
50W	-7	-13	0	36		-9	-17	0	43
	-6	-13	0	36	6E	-7	-16	+2	42
3W	-7	-13	+1	35		-12	-19	+7	45
	-7	-14	+1	35	650	-11	-23	+4	42
50	-7	-14	+6	36		-12	-23	+1	44
	-15	-22	+27	60	7E	-12	-24	+4	45
1E	-26	-41	+20	54		-15	-27	+9	46
	-26	-52	+11	40	750	-16	-33	+12	42
150	-26	-52	-	40		-21	-39	+4	42
	-23	-49	-	43	8E	-16	-37	-	42
2E	-20	-43	-	40		-16	-32	-	37
	-16	-38	-	40	850	-13	-29	-	37
250	-12	-30	-	45		-11	-24	-	38
	-16	-30	+2	45	9E	-9	-20	0	38
3E	-14	-32	-	44		-15	-24	+3	37
	-10	-24	-	44	950	-5	-23	-	32
350	-12	-22	0	44		-10	-28	+1	32
		-24	+2			-10	-24	+10	42

65N

65S

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR _____

PROJECT # _____ PAGE 3

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
10E	-14	-24		52		-8	-13	+6	47
	-14	-28	+4	45		-6	-15	+2	50
1050	-14	-29	+1	45	1600	-7	-15	0	50
	-15	-29	+2	42		-8	-15	0	54
11E	-15	-30	0	27	1700	-7	-15	+1	55
	-14	-29	-	38		-8	-16	+5	58
1150	-14	-28	-	40	1750	-8	-20	+4	52
	-12	-26	-	40		-12	-20	-	52
12E	-14	-26	+3	37	1800	-8	-18	-	54
	-15	-29	+1	37		-10	-16	-	55
1250	-22	-37	13	35		-5	-11	-	53
	-20	-42	+1	26	1850	-9	-14	+5	50
13E	-16	-38	-	34		-7	-16	+1	55
	-19	-37	-	35	1900	-6	-15	0	52
1350	-14	-33	-	36		-8	-16	0	46
	-12	-26	-	37	1950	-7	-15		46
14	-10	-22	-	38					
	-9	-19	-	40					
1450	-10	-19	0	42					
	-9	-19	-	43					
15E	-7	-16	-	44					
	-4	-11	-	40					
1550	-3	-7	-	45					
	-4	-7	+2	45					
16E	-5	-9	+6	49					
		-13	+6						

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT SABRE VLF

PROPERTY Bond OPERATOR _____

PROJECT # Line 6S PAGE 1

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
1500W	-7			42		0	-7	-	53
		-16					-4	+9	
	-9			43	650	-4			56
		-17	-				-11	+10	
1450	-6			37		-7			47
		-15	-				-14	+2	
	-7			37	600W	-7			45
		-16	+7				-13	-	
1400W	-9			37		-6			44
		-22	+7				-12	+1	
	-13			39	550	-6			43
		-23	+1				-14	+4	
1350	-10			40		-5			45
		-23	-				-16	+5	
	-13			41	500	-8			45
		-22	-				-19	+3	
1300W	-9			45		-11			45
		-15	-				-15	-	
	-6			46	450	-8			43
		-13	-				-16	-	
1250	-7			50		-8			46
		-13	-				-15	+1	
	-6			50	400	-7			45
		-12	+1				-17	+3	
1200W	-6			54		-10			45
		-14	+3				-18	-	
	-6			50	350	-8			45
		-15	+1				-16	+1	
1150	-7			50		-8			43
		-15	-				-19	+4	
	-8			50	300	-11			40
		-13	-				-22	+2	
1100W	-5			52		-11			41
		-14	+2				-21	-	
	-9			52	250	-10			42
		-15	+1				-21	-	
1050	-6			55		-11			42
		-15	+2				-18	-	
	-9			54	200W	-7			48
		-17	-				-10	-	
1000W	-8			56		-3			50
		-13	-				-4	-	
	-5			55	150	-1			43
		-14	+8				-3	+1	
950	-9			55		-2			40
		-21	+5				-5	+1	
900	-12			59	100W	-3			40
		-15	-				-4	0	
850W	-7			60		-1			42
		-7					-5		

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR _____

PROJECT # _____ PAGE 2

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
	-1	-4	0		350	-10	-16		40
		-5	+5				-15	-	
250	-4			46		-9			35
		-9	+8				-13	-	
	-5			45	4E	-4			36
		-13	+5				-11	+3	
2W	-8			45		-7			35
		-14	+3				-16	+10	
	-6			45	450	-9			40
		-16	+8				-21	+8	
150	-10			46		-12			33
		-22	+9				-24	+1	
	-12			46	5E	-12			35
		-25	+3				-22	0	
1W	-13			45		-10			35
		-25	-				-24	+4	
	-12			42	550	-14			35
		-24	+1				-26	+6	
50	-12			42		-12			35
		-26	0				-30	+8	
	-14			40	6E	-18			34
		-24	0				-34	+1	
B	-10			44		-16			33
		-26	+14				-31	-	
	-16			43	650	-15			30
		-36	+13				-34	+3	
50E	-22			39		-15			29
		-39	+3				-34	+8	
	-17			40	7E	-19			27
		-41	-				-39	+5	
1E	-14			36		-20			25
		-26	-				-39	-	
	-12			35	750	-15			25
		-23	-				-35	-	
150	-11			33		-16			55
		-23	-				-32	-	
	-12			35	8E	-16			52
		-22	-				-32	+1	
2E	-10			35		-16			53
		-23	-				-33	+2	
	-9			37	800	-17			54
		-15	-				-34	+2	
250	-6			36		-17			57
		-11	-				-35	+4	
	-5			40	9E	-18			56
		-14	+6				-35	+6	
3E	-9			57		-20			53
		-17	+4				-41	+9	
	-8	-18	+2	57	950	-21	-42		52

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR _____

PROJECT # _____ PAGE 3

Transmitter Station					Transmitter Station				
STA	DIP		F.S.	OP	STA	DIP		F.S.	OP
	-21	-42	-	45	16E	-5	-5	+7	57
		-33	-				-11	+14	
DE	-12			49		-6			55
		-22	-				-13	+4	
	-10			46	1650	-7			58
		-17	-				-15	+4	
1050	-7			42		-8			56
		-11	-				-17	+6	
	-4			55	17E	-9			59
		-14	+12				-21	+5	
11E	+10			57		-12			50
		-33	+11				-22	-	
	-13			54	1750	-10			50
		-25	+1				-20	-	
1150	-12			54		-10			50
		-24	-				-19	-	
	-12			55	18E	-9			45
		-24	0				-16	+2	
12E	-12			55		-9			45
		-24	-				-21	+9	
	-12			56	1850	-12			40
		-20	-				-27	+10	
1250	-5			65		-15			45
		-16	-				-31	-	
	-6			60	19	-16			50
		-17	0				-26	-	
13E	-9			55		-10			50
		-16	-				-17	-	
	-7			55	1950	-7			46
		-8	-				-17	+3	
1350	-1			56		-10			43
		-8	-				-20		
	-8			55	20E	-10			
14E	-2			55					
		-3	-						
	-2			55					
		-2	-						
	+1			54					
1450	+1			54					
		0	-						
	0			53					
		0	+1						
15E	0			42					
		0	+1						
	0			50					
		-1	+4						
1550	-1			58					
		-4	+8						
	-4	-9		60					

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE August 1988 INSTRUMENT SABRE VLF

PROPERTY Rollo OPERATOR DAL

PROJECT # LINE 4S PAGE 1

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
15W	-10	-16		50		-13	-27	+2	50
	-8	-16	-	46	550	-14	-27	+2	47
14S0	-10	-15	-	50		-15	-25	0	45
	-5	-14	0	50	6W	-22	-27	-	45
14W	-9	-15	0	50		-14	-26	+3	45
	-6	-14	-	52	750	-16	-30	+4	44
13S0	-5	-14	+2	53		-14	-30	0	45
	-6	-16	+10	57	7W	-16	-29	-	47
13W	-10	-24	+16	46		-13	-23	-	47
Drainage	-14	-32	+12	46	650	-10	-20	-	46
12S0	-16	-36	+1	50		-10	-20	+4	45
	-16	-33	-	50	6W	-10	-24	+4	46
12W	-15	-39	-	46		-14	-24	-	46
	-14	-26	-	45	55 POND	-10	-17	-	43
11S0	-12	-25	-	42		-7	-11	-	47
	-13	-23	-	43	5W	-4	-12	-	50
11W	-10	-23	+2	42		-6	-10	-	52
	-13	-25	+3	45	450	-2	-7	-	54
10S0	-12	-26	-	45		-5	-6	-	55
	-14	-34	-	46	4W	-1	-3	+3	56
10W	-10	-22	0	46	Top Ridge	-2	-9	+13	51
	-12	-24	+1	45	350	-7	-16	+6	55
9S0	-12	-23	+1	46		-9	-17	+5	45
	-11	-25	+4	51	3W	-6	-21	+6	51
9W	-14	-27		52		-13	-25		50

572

Grid 572

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR DAL

PROJECT # _____ PAGE 2

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
25S	-12	-25	+7	50		-11	-24	+9	49
	-16	-26	+7	47	4E	-12	-23	+5	47
2W	-16	-32	+3	46		-14	-26	+7	46
	-15	-31	+1	45	45S	-16	-30	+5	46
15S	-18	-33	+3	46		-15	-31	-	40
	-16	-34	0	43	5E	-10	-25	-	47
1W	-17	-33	+1	40		-10	-20	-	50
	-16	-35	+1	47	55S	-6	-16	-	48
5S	-16	-34	-	46		-5	-17	-	53
	-13	-26	-	44	6E	-6	-15	-	53
BL	-12	-24	-	42		-4	-10	-	52
	-15	-27	+6	54	65S	-4	-8	-	57
50E	-17	-32	+4	50		-2	-6	-	56
	-14	-31	-	55	7E	-3	-5	+1	62
1E	-15	-29	-	58		-4	-7	+3	67
	-15	-30	+2	60	75S	-4	-8	+3	64
15S	-16	-31	0	60		-6	-10	+10	63
	-14	-30	-	60	8E	-12	-16	+19	65
2E	-10	-24	-	58		-13	-29	+17	66
	-4	-17	-	56	85S	-16	-35	+3	66
25S	-5	-9	-	54		-14	-32	-	65
	-5	-10	+3	53	9E	-14	-26	-	67
3E	-7	-12	+3	54		-10	-24	-	60
	-6	-13	+4	55	95S	-6	-16	-	62
35S	-10	-16	+6	51	SWAMP	-6	-12	-	56
		-21					-9		

572

736

Grid 736

TARNEX GEOSERVICES LTD.

VLF-EM SURVEY

DATE _____ INSTRUMENT _____

PROPERTY _____ OPERATOR DAL

PROJECT # _____ PAGE 3

Transmitter Station					Transmitter Station				
STA	DIP ∠		F.S.	OP	STA	DIP ∠		F.S	OP
10E	-3	-9	-	60		-17	-31	-	42
	-11	-17	+5	57		-41			45
	-8	-14	-	57	165S	-24	-42	-	45
105S	-6	-10	0	58		-16	-35	-	44
	-4	-14	+2	60	17E	-19	-35	+1	47
11E	-10	-12	-	60		-18	-36	-	52
CENTRE LINE	-2	-8	+6	64	175S	-18	-31	-	52
115S	-6	-16	+14	64		-16	-32	-	47
	-12	-22	+6	65	18E	-16	-31	-	55
12E	-10	-24	+7	60		-15	-27	-	55
	-14	-29	+7	56	185S	-12	-26	+1	53
125S	-15	-33	+7	52		-14	-26	+3	55
	-16	-36	+3	55	19E	-14	-25	+1	62
13E	-16	-36	-	55		-15	-25	-	66
	-16	-34	0	55	195S	-14	-24	-	58
135S	-16	-36	+3	55		-12	-24	-	57
	-20	-37	-	53	20E	-12	-24		62
14E	-17	-34	-	55					
CREEK	-17	-35	-	55					
145S	-12	-27	+4	50					
	-15	-33	+9	52					
15E	-15	-36	+5	50					
	-16	-38	+4	45					
155S	-20	-40	+6	45					
	-20	-44	-	42					
16E	-24	-41		49					

Appendix II

Geochemical Analysis

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: GETCHELL RESOURCES

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

A8822094

Comments: ATTN: G. BELIK cc: DOUGLAS LEISHMAN

CERTIFICATE A8822094

GETCHELL RESOURCES
PROJECT :
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	5	Pan concentrate: Ring pulverize
238	5	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	5	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	5	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	5	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	5	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	5	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	5	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA CANADA V7J-2C1

PHONE (604) 984-0221

TO: GETCHELL RESOURCES

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :

Comments: ATTN: G BELIK CC: DOUGLAS LEISHMAN

**Page No. : 1-A
Tot. Pages: 1
Date : 08-SEP-88
Invoice # : I-8822094
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822094

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As 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 %	Mn ppm
PC 1	235	238	140	0.88	0.6	5	280	< 0.5	< 2	0.60	< 0.5	28	236	< 1	12.45	30	< 1	0.18	50	0.47	815
PC 2	235	238	10	0.83	0.6	15	190	0.5	< 2	0.39	< 0.5	11	83	2	3.98	10	< 1	0.13	30	0.29	311
PC 3	235	238	140	0.80	0.6	< 5	170	0.5	< 2	0.35	< 0.5	13	70	1	5.03	10	< 1	0.11	30	0.30	342
PC 4	235	238	< 10	0.82	0.6	< 5	140	1.0	< 2	0.40	< 0.5	14	94	1	5.38	10	< 1	0.12	30	0.31	393
PC 5	235	238	< 10	0.68	0.6	< 5	190	0.5	< 2	0.43	< 0.5	14	60	5	5.62	10	< 1	0.10	30	0.38	662

CERTIFICATION : B. Campbell

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

TO: GEOCHEMICAL RESOURCES

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: G BELIK CC: DOUGLAS HEISHMAN

Date : 08-SEP-88
Invoice # : I-8822094
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822094

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PC 1	235 238	4	0.07	24	1120	< 2	< 5	6	57	0.55	< 10	< 10	411	< 5	166
PC 2	235 238	1	0.06	13	1050	4	< 5	3	53	0.27	< 10	< 10	133	< 5	77
PC 3	235 238	1	0.04	12	1070	< 2	< 5	3	41	0.34	< 10	< 10	172	< 5	104
PC 4	235 238	1	0.07	11	1050	< 2	< 5	3	44	0.36	< 10	< 10	180	< 5	86
PC 5	235 238	1	0.04	16	1290	< 2	< 5	3	31	0.32	< 10	< 10	214	< 5	100

CERTIFICATION : B. Caglin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

..: GE..LL ..URCL..

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: G. BELIK CC: DOUGLAS LEISHMAN

* ..e No ..-A
Tot. Pages: 1
Date : 7-SEP-88
Invoice # : I-8822095
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822095

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As 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 %	Mn ppm
BCLO 1	205 238	< 5	0.79	0.2	15	170	1.0	< 2	0.55	< 0.5	13	97	17	3.06	< 10	1	0.38	50	0.56	1265
BCLO 2	205 238	< 5	0.60	0.2	10	150	0.5	< 2	0.55	< 0.5	12	64	7	2.76	< 10	< 1	0.25	50	0.92	311
BCLO 3	205 238	< 5	0.64	0.2	10	70	1.0	< 2	0.46	< 0.5	12	60	12	2.63	< 10	< 1	0.16	40	0.25	391
BCLO 4	205 238	< 5	0.56	0.2	15	130	0.5	< 2	0.41	< 0.5	6	63	51	2.20	< 10	< 1	0.15	40	0.33	361
BCLO 5	205 238	< 5	3.44	0.2	< 5	150	1.5	< 2	0.81	< 0.5	13	48	11	3.59	< 10	< 1	0.20	40	1.26	1495
BCLO 6	205 238	< 5	0.04	0.2	< 5	< 10	1.0	< 2	0.03	< 0.5	< 1	195	5	1.44	< 10	< 1	< 0.01	< 10	0.01	108
BCLO 7	205 238	10	0.14	2.4	10	10	< 0.5	< 2	0.02	< 0.5	< 1	124	8	0.32	10	< 1	0.13	130	0.01	26
BCLO 8	205 238	< 5	0.60	0.2	< 5	280	0.5	< 2	0.38	< 0.5	6	25	12	1.96	< 10	< 1	0.20	50	0.53	306

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: GE...EL R...JRCE

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: G. BELIK CC: DOUGLAS LEISHMAN

* .../ No. ...-B
Tot. Pages: 1
Date : 7-SEP-88
Invoice # : I-8822095
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822095

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BOLO 1	205	238	< 1	0.08	28	1910	2	< 5	7	59	0.11	< 10	< 10	83	< 5	89
BOLO 2	205	238	< 1	0.06	12	1990	< 2	< 5	5	52	0.15	< 10	< 10	40	< 5	69
BOLO 3	205	238	< 1	0.07	8	1850	2	< 5	7	38	0.13	< 10	< 10	45	< 5	45
BOLO 4	205	238	< 1	0.05	10	1640	< 2	< 5	4	32	0.12	< 10	< 10	37	< 5	38
BOLO 5	205	238	< 1	0.03	13	1200	4	< 5	8	137	0.09	< 10	< 10	60	< 5	66
BOLO 6	205	238	< 1	< 0.01	6	170	< 2	< 5	< 1	2	< 0.01	< 10	< 10	10	< 5	9
BOLO 7	205	238	< 1	0.01	2	190	4	< 5	1	23	< 0.01	< 10	< 10	4	< 5	4
BOLO 8	205	238	< 1	0.06	3	1420	< 2	< 5	4	35	0.12	< 10	< 10	45	< 5	51

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: GE. . L R. . JRCE.

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: G. BELIK CC: DOUGLAS LEISHMAN

• ...: No. ...-A
Tot. Pages: 1
Date : 7-SEP-88
Invoice # : I-8822096
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822096

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As 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 %	Mn ppm
PC1 SILTS	203	238	< 5	1.39	< 0.2	< 5	370	0.5	< 2	0.45	< 0.5	2	73	6	2.42	< 10	2	0.21	40	0.47	419
PC2 SILTS	201	238	< 5	1.72	< 0.2	< 5	260	< 0.5	< 2	0.40	< 0.5	4	46	8	1.86	< 10	2	0.12	30	0.38	255
PC3 SILTS	201	238	< 5	2.16	< 0.2	< 5	280	0.5	< 2	0.42	< 0.5	4	73	9	1.65	< 10	< 1	0.11	30	0.35	215
PC4 SILTS	203	238	< 5	1.49	< 0.2	5	220	< 0.5	< 2	0.33	< 0.5	4	46	8	1.79	< 10	1	0.10	30	0.32	345
PC5 SILTS	201	238	< 5	1.95	< 0.2	< 5	230	0.5	< 2	0.48	< 0.5	3	70	20	2.27	< 10	< 1	0.12	30	0.46	402

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-7C1

PHONE (604) 984-0221

To: GE...LL R...URCL...

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: G. BELIK CC: DOUGLAS LEISHMAN

Page No. : 1-B
Tot. Pages: 1
Date : 7-SEP-88
Invoice # : I-8822096
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822096

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PC1 SILTS	203	238	< 1	0.05	7	880	4	< 5	3	106	0.18	< 10	< 10	62	< 5	55
PC2 SILTS	201	238	< 1	0.04	6	1110	24	< 5	3	83	0.11	< 10	< 10	41	< 5	55
PC3 SILTS	201	238	< 1	0.06	8	860	6	< 5	3	84	0.09	< 10	< 10	34	< 5	71
PC4 SILTS	203	238	< 1	0.04	9	850	14	< 5	2	57	0.12	< 10	< 10	41	< 5	62
PC5 SILTS	201	238	2	0.07	13	990	20	< 5	3	62	0.16	< 10	< 10	56	< 5	74

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

GETC... RE ...CES

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: GARY BELIK cc: D. A. LEISHMAN

**I... No. ...
Tot. Pages: 1
Date : 11-SEP-88
Invoice # : I-8822510
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822510

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As 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 %	Mn ppm
BOLO 09	205	238	< 5	0.04	0.2	5	< 10	< 0.5	< 2	0.13	< 0.5	< 1	233	1	2.11	< 10	< 1	< 0.01	< 10	0.02	465
BOLO 11	205	238	< 5	0.73	0.4	< 5	300	< 0.5	< 2	0.55	< 0.5	11	71	13	2.14	< 10	< 1	0.32	40	0.32	1690
BOLO 12	205	238	5	0.72	0.6	10	550	< 0.5	< 2	0.38	< 0.5	9	33	2	2.09	< 10	< 1	0.52	40	0.41	615
BOLO 13	205	238	< 5	1.78	0.2	10	310	< 0.5	< 2	0.88	< 0.5	22	103	13	3.12	10	< 1	0.42	40	0.95	401
BOLO 14	205	238	< 5	1.26	0.4	5	270	< 0.5	< 2	0.53	< 0.5	23	77	9	2.66	< 10	< 1	0.35	30	0.60	349
BOLO 15	205	238	< 5	0.08	< 0.2	5	10	< 0.5	< 2	0.06	< 0.5	10	259	1	5.30	< 10	< 1	< 0.01	< 10	0.03	130
BOLO 16	205	238	< 5	0.76	0.8	< 5	370	< 0.5	< 2	0.41	< 0.5	9	17	3	2.37	10	< 1	0.28	50	0.47	359
BOLO 17	205	238	< 5	0.70	0.6	< 5	310	< 0.5	< 2	0.47	< 0.5	11	29	6	2.80	10	2	0.22	60	0.85	378
BOLO 18	205	238	< 5	0.11	0.2	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	36	1	0.13	< 10	2	0.02	< 10	0.02	16
BOLO 19	205	238	< 5	0.50	0.6	< 5	20	< 0.5	< 2	0.04	< 0.5	< 1	23	< 1	0.19	< 10	< 1	0.18	20	0.05	75
BOLO 20	205	238	< 5	1.75	0.2	< 5	580	< 0.5	< 2	0.50	< 0.5	9	14	4	3.37	10	2	0.48	70	0.74	186
BOLO 21	205	238	< 5	1.89	0.2	< 5	410	< 0.5	< 2	0.43	< 0.5	9	9	3	3.29	10	3	0.44	70	0.75	200
BOLO 22	205	238	< 5	1.60	0.2	< 5	670	< 0.5	< 2	0.57	< 0.5	13	17	2	3.41	10	1	0.63	70	0.92	490

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: GE...LL ...URCES

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :

Comments: ATTN: GARY BELIK CC: D. A. LEISHMAN

Page No. : 1-B
Tot. Pages: 1
Date : 11-SEP-88
Invoice # : I-8822510
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822510

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BOLO 09	205	238	1	< 0.01	3	110	2	< 5	< 1	2	< 0.01	< 10	< 10	10	5	14
BOLO 11	205	238	1	0.06	7	1760	14	< 5	5	45	0.09	< 10	< 10	53	5	45
BOLO 12	205	238	1	0.06	4	1140	6	< 5	3	69	0.17	< 10	< 10	54	< 5	50
BOLO 13	205	238	< 1	0.05	19	1730	16	< 5	9	90	0.19	< 10	< 10	80	< 5	153
BOLO 14	205	238	< 1	0.05	12	1120	< 2	< 5	9	82	0.16	< 10	< 10	58	< 5	77
BOLO 15	205	238	2	< 0.01	10	470	< 2	< 5	1	5	< 0.01	< 10	< 10	84	25	23
BOLO 16	205	238	2	0.07	< 1	1380	4	< 5	6	39	0.16	< 10	< 10	58	< 5	61
BOLO 17	205	238	4	0.06	3	1480	6	< 5	5	41	0.14	< 10	< 10	79	< 5	61
BOLO 18	205	238	< 1	0.03	< 1	110	10	< 5	< 1	9	< 0.01	< 10	< 10	1	< 5	5
BOLO 19	205	238	1	0.09	< 1	50	6	< 5	< 1	15	< 0.01	< 10	< 10	1	< 5	11
BOLO 20	205	238	< 1	0.05	1	1550	10	< 5	3	86	0.07	< 10	< 10	48	5	53
BOLO 21	205	238	1	0.04	3	1640	20	< 5	2	81	0.03	< 10	< 10	37	< 5	72
BOLO 22	205	238	1	0.08	4	1830	10	< 5	5	55	0.16	< 10	< 10	78	< 5	69

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: GE LL J URCI

1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5

Project :
Comments: ATTN: GARY BELIK CC: D. A LEISHMAN

• e No -A
Tot. Pages: 1
Date : 8-SEP-88
Invoice # : I-8822511
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822511

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As 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 %	Mn ppm
BOLO 6 SILT	201	238	< 5	2.81	0.6	15	530	1.5	2	0.84	0.5	17	26	52	3.25	< 10	< 1	0.19	60	0.54	2030
BOLO 7 SILT	201	238	< 5	0.99	0.4	20	360	0.5	< 2	0.82	< 0.5	16	44	36	2.79	< 10	< 1	0.21	40	0.51	1070
BOLO 8 SILT	201	238	< 5	1.31	0.6	5	280	2.0	2	1.01	< 0.5	9	20	33	2.26	< 10	< 1	0.13	50	0.34	1075

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER.
BRITISH COLUMBIA. CANADA V7J-2C1
PHONE (604) 984-0221

GET L R RCES
1795 VERSATILE DR.
KAMLOOPS, BC
V1S 1C5
Project :
Comments: ATTN: GARY BELIK CC: D A. LEISHMAN

** No. B
Tot. Pages: 1
Date : 8-SEP-88
Invoice # : I-8822511
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822511

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BOLO 6 SILT	201	238	< 1	0.03	13	1640	20	< 5	5	166	0.09	< 10	< 10	65	< 5	261
BOLO 7 SILT	201	238	4	0.03	10	2000	16	< 5	4	163	0.11	< 10	< 10	70	< 5	150
BOLO 8 SILT	201	238	< 1	0.02	5	1660	16	< 5	5	199	0.11	< 10	< 10	44	< 5	121

CERTIFICATION :

Appendix III

Statement of
Personnel and Programme Costs

Personnel and Programme Costs

Personnel

D. A. Leishman, B.Sc.	
August 11th to August 20th, 22nd (1/2), August 26, 27, 29th, 1988	
13.5 days (Field)	
September 1st to September 20th, 1988	
5 days (Reporting)	
Total of 18.5 days at $275./day	$5,087.50
Jason Belik (Technican) August 11 to August 20th , 1988	
10 days at $100./day	1,000.00
Total Personnel Costs	**$6,087.50**

Expenses

Truck Rental 4x4 Toyota 13 days x $45./day	$585.00
Fuel	198.65
Accomodation	520.56
Meals	339.75
Field Supplies (flagging, topofile etc.)	100.00
Other consumables	43.49
Equipment Rental (Magnetometer and VLF-EM) 10 days at $30./day	300.00
Geochemical Analysis	359.25
Drafting (Brian Mirtle, 19.5 hours at $25./hour)	487.50
Map enlargement, copying etc.	84.00
Report Reproduction, Mylar Sepias etc.	225.00
Phone	63.53
Shipping	22.65
Total Expenses	**$3,284.38**
Total Expenditures	**$9,371.88**

Appendix IV

Certificate of Qualifications

Certificate of Qualifications

DOUGLAS A. LEISHMAN, B.Sc. A.R.S.M.
Consulting Geologist

Mailing Address: P. O. Box 1288 M. P. S., Kamloops, B. C. V2C 6H3
Telephone 604-828-6150

I, DOUGLAS A. LEISHMAN, of Kamloops, British Columbia, Do Hereby Certify That:

1. I am a self employed Consulting Geologist residing at Suite 2, Elm Tree Place, 423 First Avenue, Kamloops, British Columbia.

2. I am a graduate of the Northern Alberta Institute of Technology, Exploration Technology (Minerals Option) 1971, Edmonton, Alberta.

3. I am a graduate of the University of London, Imperial College of Science and Technology, Royal School of Mines, London, England, B.Sc. (Hons.) Mining Geology, 1981.

4. I am an Associate of the Geological Association of Canada and a Member of the Institute of Mining and Metallurgy (London, England).

5. I have been actively involved in mineral exploration since 1971.

6. This report is based on the review of available data and personal observations made while visiting the Bolo claim group. I personally supervised the technical side of the work described in this assessment report.

7. I have no interest in the Bolo claim group and do not expect to receive any.

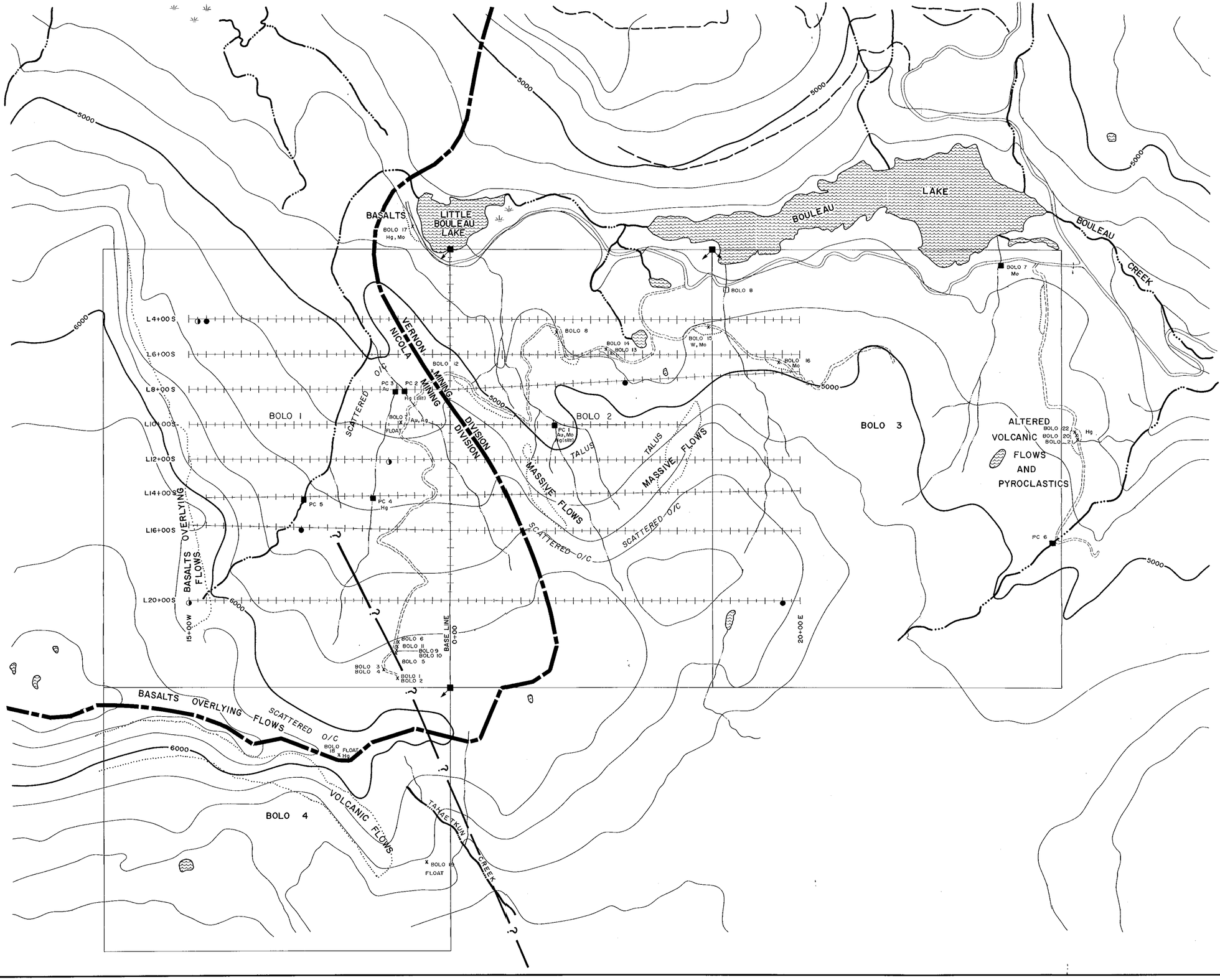
Douglas A. Leishman

Douglas A. Leishman, B.Sc.

Consulting Geologist

Kamloops, British Columbia

September 20, 1988



LEGEND

- PRIMARY ROAD - GRAVEL
- SECONDARY ROAD - 4x4
- PRIMARY CREEK
- SECONDARY CREEK
- GRID LINE
- CONTOURS IN FEET, CONTOUR INTERVALS 200 FEET.
- LAKE, POND
- SWAMP
- AREA OF OUTCROP
- SOIL SAMPLE 1986, ANOMALOUS ≥ 40 ppb Au
- SOIL SAMPLE 1986, POSSIBLY ANOMALOUS 15 - 39 ppb Au
- PC 1 — PAN CONCENTRATE SAMPLE & NUMBER
- BOLO 8 — SILT SAMPLE & NUMBER
- X BOLO 16 — ROCK SAMPLE & NUMBER
- ?—? PROJECTED STRIKE DISCOVERY ZONE (HUNTINGTON)

SCALE

0 100 200 400 600 800 metres

GETCHELL RESOURCES INC.
KAMLOOPS, BRITISH COLUMBIA

LOCATION PLAN

GEOLOGICAL AND GEOCHEMICAL SAMPLES

BOLO CLAIMS

VERNON NICOLA MINING DIVISION, B.C.

Technical work by: D. A. LEISHMAN	N.T.S.: 82L/5E
Drawn by: T.Q./T.	Scale: 1:10,000
Date: Revised: SEPT., 1988	Figure No.: 2

LITTLE BOULEAU LAKE

BOULEAU LAKE

POND

POND

L 4+00 S

L 6+00 S

L 8+00 S

L 10+00 S

L 12+00 S

L 14+00 S

L 16+00 S

L 20+00 S

15+00 W

10+00 W

5+00 W

BASELINE 0+00

5+00 E

10+00 E

15+00 E

20+00 E

Tahaetkun Creek

N

LEGEND

- SECONDARY ROADS - 4 x 4
- PRIMARY ROADS - GRAVEL
- RIVER , STREAM
- SWAMP
- GRID LINE WITH CORRECTED VALUES GREATER THAN 50,000 GAMMAS.
- CLIFF , ROCK FACE
- PROPERTY BOUNDARY
- LEGAL CORNER POST
- CONTOUR INTERVAL 250 GAMMAS
- AXIS MAGNETIC CONDUCTOR
- MAGNETIC HIGH
- MAGNETIC LOW

INSTRUMENT USED UNIMAG II PROTON PRECISION MAGNETOMETER.

* NOTE BASE FOR ALL VALUES IS 50,000 GAMMAS.

100 0 100 200 300 400 500 metres

SCALE : 1 : 5,000

To accompany a report by D. A. Leishman

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,870

GETCHELL RESOURCES INC.

BOLO CLAIM GROUP

MAGNETOMETER SURVEY
CONTOUR PLAN

VERNON & NICOLA MINING DIVISION

TECHNICAL WORK BY: D. A. LEISHMAN	SCALE : 1 : 5,000
DRAWN BY : D. BRIAN MIRTLE	DATE : SEPT. / 1988
REVISIONS :	FIGURE NO. 3

LITTLE BOULEAU LAKE

BOULEAU LAKE

POND

POND

L 4+00 S

L 6+00 S

L 8+00 S

L 10+00 S

L 12+00 S

L 14+00 S

L 16+00 S

L 20+00 S

15+00 W

10+00 W

5+00 W

BASELINE 0+00

5+00 E

10+00 E

15+00 E

20+00 E

Tahaltkun Creek

LEGEND

- SECONDARY ROADS - 4 x 4
- PRIMARY ROADS - GRAVEL
- RIVER , STREAM
- SWAMP
- GRID LINE WITH FRASER FILTERED VALUE
- CLIFF , ROCK FACE
- PROPERTY BOUNDARY
- LEGAL CORNER POST
- FRASER FILTERED VALUE CONTOURED + 10 %

INSTRUMENT : SABRE MODEL 27 VLF - EM

* ANNAPOLIS TRANSMITTER USED

(5) SIGNIFICANT CONDUCTORS

100 0 100 200 300 400 500 metres

SCALE : 1 : 5,000

To accompany a report by D. A. Leishman

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,870

GETCHELL RESOURCES INC.

BOLO CLAIM GROUP

VLF - EM SURVEY
FRASER FILTER VALUES

VERNON & NICOLA MINING DIVISION

TECHNICAL WORK BY: D. A. LEISHMAN	SCALE : 1 : 5,000
DRAWN BY : D. BRIAN MIRTLE	DATE : SEPT. / 1988
REVISIONS :	FIGURE NO. 4