

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 90.03.23

ASSESSMENT REPORT 18581

MINING DIVISION: Clinton

PROPERTY: Foot  
LOCATION: LAT 51 18 00 LONG 122 34 00  
UTM 10 5683057 530211  
NTS 092007E  
CAMP: 035 Taseko - Blackdome Area  
CLAIM(S): Foot 1-7  
OPERATOR(S): Lexington Res.  
AUTHOR(S): Leriche, P.D.;Yacoub, F.F.  
REPORT YEAR: 1989, 59 Pages  
COMMODITIES  
SEARCHED FOR: Gold,Silver,Mercury  
KEYWORDS: Eocene,Miocene,Latite,Andesite,Basalt  
WORK  
DONE: Geochemical,Geological  
GEOL 3400.0 ha  
SILT 46 sample(s) ;ME  
SOIL 222 sample(s) ;ME  
Map(s) - 1; Scale(s) - 1:10 000

LOG NO: 0330	RD.
ACTION:	NTS 920/2E,7E Lat 51° 18'N Long 122° 34'W
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT  
ON THE  
FOOT 1 - 7 CLAIMS

CLINTON MINING DIVISION

For

LEXINGTON RESOURCES LTD.  
780 - 885 Dunsmuir Street  
Vancouver, B.C.  
V6C 1N5

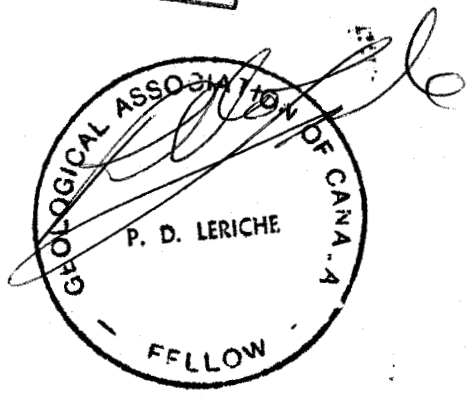
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,581

FILMED

By

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718 - 744 West Hastings Street  
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December 15, 1988

## SUMMARY

Ashworth Explorations Limited carried out a field program, consisting of geological mapping, stream sediment sampling and soil sampling on the Foot 1 to 7 claims during October 1988.

The Foot claims consist of seven contiguous mineral claims (136 units) located in the Clinton Mining Division. The claims are situated 46 kilometres northeast of the town of Goldbridge, B.C.

A sequence of Eocene-Miocene volcanic rocks, in thrust fault contact with Cretaceous sediments, underlies the subject property. The Eocene rocks are known for hosting an epithermal gold-silver quartz vein deposit at Black Dome Mountain seven kilometres east of the Foot claims.

Previous work on the Foot claims consisted of a regional geochemical survey completed in 1979 for the British Columbia Ministry of Energy, Mines and Petroleum Resources. A rock sample from the central portion of the claim area assayed 360 ppb Hg.

The 1988 exploration program has outlined two areas of mercury, gold and zinc anomalies in soils and stream sediments.

A second and third phase exploration program has been recommended. Phase II will consist of grid layout, soil sampling on the grid and additional fill-in contour soil sampling, geological mapping and rock sampling at an estimated cost of \$57,000. Phase III is contingent upon targets being established from Phase II. It would consist of detailed soil sampling, hand trenching and blasting.

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## 1. INTRODUCTION

This report was prepared at the request of Lexington Resources Ltd. to describe and evaluate the results of a geochemical survey carried out by Ashworth Explorations Limited from October 3 to 7, 1988 on the Foot 1 - 7 Claims, Black Dome Mountain Area, B.C. The report also describes the regional geology and the past exploration activities in the area, and outlines a proposed exploration program.

One of the authors, Mr. Leriche, planned and supervised all fieldwork. Mr. Yacoub was the project geologist and party chief on the claims for the duration of the project.

## 2. LOCATION, ACCESS AND TOPOGRAPHY

The Foot claims are located in the Camelsfoot Range on the Fraser Plateau approximately 65 kilometres west of Clinton, B.C. and 46 kilometres northeast of the town of Goldbridge (Figure 1). The claims lie within NTS mapsheets 92O/2 and 92O/7, at latitude  $51^{\circ} 18'$  north, longitude  $122^{\circ} 34'$  west.

The property can be reached by road from Clinton, B.C. From Clinton, take Highway 97 North for approximately 16 kilometres, then west on the Meadow Lake Road to the Gang Ranch Bridge. Turn south via the Empire Valley Road to the Blackdome Mine access road turnoff. After approximately nine kilometres, take the Red Mountain Forestry Road for approximately 30 kilometres to the property. Use of a four-wheel drive vehicle is recommended.

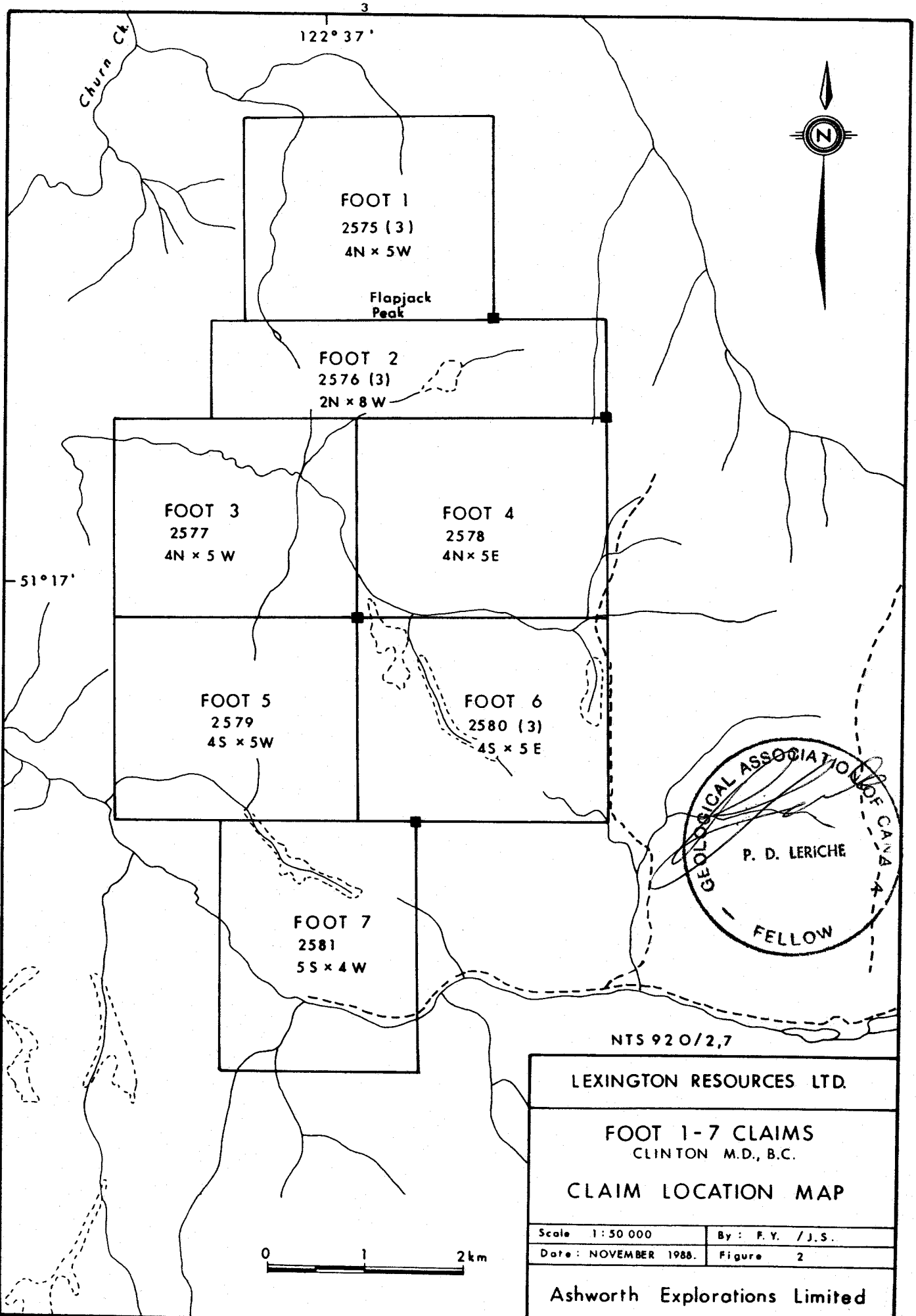


BRITISH COLUMBIA  
Scale 1:7,500,000

NTS 920/2,7



LEXINGTON RESOURCES LTD.	
FOOT 1-7 CLAIMS CLINTON M.D., B.C.	
GENERAL LOCATION MAP	
Scale 1:7500 000	Date: NOVEMBER 1988.
Drawn: J.S.	Figure 1
Ashworth Explorations Limited	



Alternative access is by helicopter from Goldbridge, B.C., where Cariboo-Chilcotin Helicopters maintains a base.

The terrain is characterized by gentle to moderate slopes descending in all directions from Flapjack Peak. Vegetation consists of scrub pine, spruce and minor fir. Elevation varies from 5900 feet (1940 metres) to 4700 feet (1546 metres) in the Hungry Valley, giving a total relief of 1200 feet (394 metres).

### 3. PROPERTY STATUS (Figure 2)

The Foot claims consist of seven contiguous mineral claims totalling 136 units in the Clinton Mining Division. The claims are owned by William F. Chase and are operated by Lexington Resources Ltd., 780 - 885 Dunsmuir Street, Vancouver, B.C., V6C 1N8.

Pertinent claim data is as follows:

<u>Claim Name</u>	<u>Record #</u>	<u>Units</u>	<u>Record Date</u>
Foot 1	2575	20	March 25, 1988
Foot 2	2576	16	" "
Foot 3	2577	20	" "
Foot 4	2578	20	" "
Foot 5	2579	20	" "
Foot 6	2580	20	" "
Foot 7	2581	20	" "
		<u>136</u>	

The total area covered by the claim group is 3,400 hectares.

### 4. AREA HISTORY

#### BLACKDOME

The first major find in the general area of the subject claims occurred in the late 1940's with the discovery of gold-bearing quartz veins in the Black Dome Mountain area, approximately seven kilometres east of the Foot 1 claim



boundary. The following ten year period saw work performed by Empire Valley Gold Mines Ltd. and Silver Standard Mines Ltd. which included sampling, stripping, packsack drilling, trenching and the driving of two adits into the vein structures.

By 1972 additional gold-bearing quartz veins had been located west of the original claims. In 1980, Blackdome Explorations Ltd. completed additional work including trenching, drilling and underground exploration. Mine construction began in 1985 with underground development of the Number 1 and 2 veins on two levels and a 200 ton-per-day mill. This led to the commencement of production on May 16, 1986. Reserves at December 31, 1987 were estimated at 245,615 tons with an average grade of 0.74 ounces of gold and 2.15 ounces of silver per ton (Blackdome Mining Corporation Annual Report, 1987).

The gold-bearing quartz veins at the Blackdome Mine are hosted by Eocene rhyolitic to andesitic volcanics which exhibit argillic wallrock alteration adjacent to the veins. A northeasterly trend is dominant in the structure, veins and host rocks. Northeasterly-trending normal faults cut the area and are believed to be related to movement along the Fraser Fault System during the Eocene epoch (Harrop & Scroggins, 1987).

#### BOBCAT

Immediately southwest of the Blackdome property, and immediately east of the east claim boundary of the Foot 1 - 7 claims, lies the Bobcat Claim Group owned by Lexington Resources Ltd. The Bobcat claims were originally staked in 1980 as the Pony claims and occupy the southwest extension of the same mineralized zone present on the Blackdome Mine property. Highly anomalous gold results

were obtained from soil samples collected in 1982 near the northwest corner of the Pony claims.

In 1986 the Pony claims lapsed and were restaked as Bobcat I, II and III claims and were subsequently sold to Lexington Resources Ltd. Between 1986 and the present, geological mapping, prospecting, geochemical soil sampling, geophysical surveys, trenching and diamond drilling have been performed on the claims with results showing good potential for finding epithermal Au-Ag mineralization similar to that at the Blackdome Mine. (Harrop and Scroggins, 1987)

#### BALLATAR

Ballatar Explorations Ltd. has optioned the EH1, EH3, EH5, EH6 and EH7 claims, located two kilometres east of the eastern claim boundary of the Foot claims. An airborne VLF-EM survey and reconnaissance geological mapping followed by mapping, soil and rock sampling and geophysical surveys have been performed on this property from 1984 to 1987. In 1988 a detailed soil sampling program was completed to be followed by trenching of soil anomalies and vein occurrences in October 1988. The soil sampling program returned values up to 790 ppb gold with additional results pending (Vancouver Stockwatch, November 7, 1988). Trenching and road building has uncovered additional altered shear zones in rocks believed to be stratigraphically equivalent to the host rocks at Blackdome Mine (Vancouver Stockwatch, November 7, 1988).

#### OTHER PROPERTIES

The Poison Mountain copper-molybdenum-gold porphyry deposit is located on the southwest slopes of Poison Mountain, approximately ten kilometres south of the

Foot claims. Initial staking occurred in 1935 following the discovery of placer gold along Poisonmount Creek in 1932.

Mineralization is associated with granodiorite to quartz diorite stocks intruding Jackass Mountain Group sedimentary rocks. Two porphyritic zones are present: an inner relatively unaltered hornblende plagioclase porphyry which grades outward into a biotite plagioclase porphyry. The highest grade mineralization occurs within the biotite-altered border phases and consists of pyrite, chalcopyrite, molybdenite and bornite, both disseminated, fracture fillings and in veins associated with quartz. Diamond drilling and trenching outlined reserves of 175 million tonnes averaging 0.33% copper, 0.015% molybdenum and 0.3 gram per tonnes gold (Glover et al, 1987). Long Lac Mineral Explorations completed additional diamond drilling in 1979 and 1980 but no published figures are available.

Exploration for porphyry copper-molybdenum mineralization began in 1970 in the upper Relay Creek area, located approximately 21 kilometres southwest of the Scarlet claim. At this location mineralization is associated with a swarm of sills, dykes and small plugs which intrude volcanic and sedimentary rocks. Disseminated pyrite and/or pyrrhotite occur within and adjacent to the porphyries along with local chalcopyrite, molybdenite, arsenopyrite and sphalerite. Esso Minerals Canada is currently exploring the northwestern end of the altered belt, obtaining gold values of one to ten grams per tonne from narrow quartz-carbonate and chalcedony veins in association with broader zones of elevated gold values in the range of 50 to 300 parts per billion and anomalously high values of arsenic (Glover et al, 1987).

## 5. PREVIOUS WORK

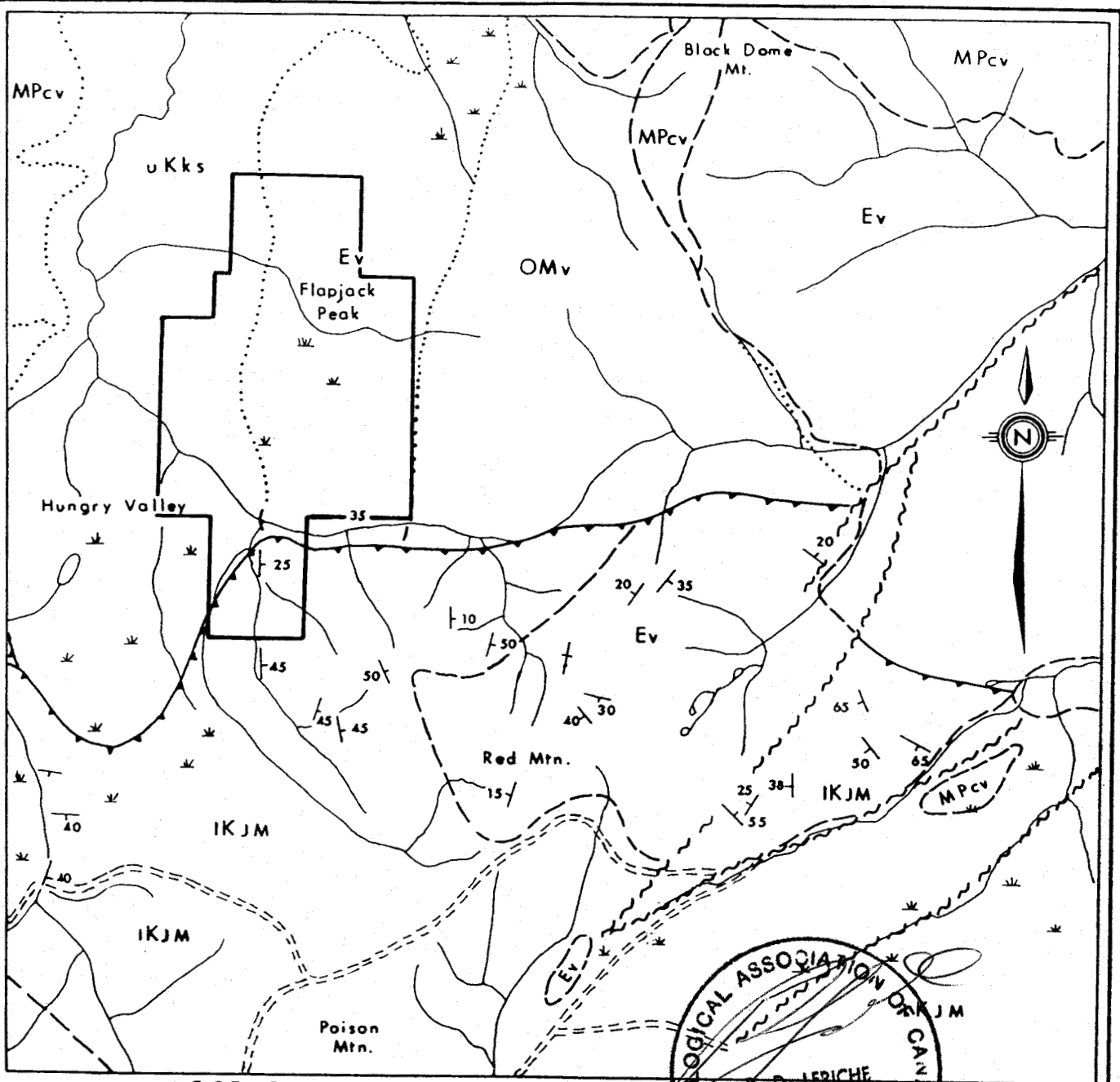
The only previous recorded work done in the subject claim area was a regional geochemical survey completed in 1979 for the British Columbia Ministry of Energy, Mines and Petroleum Resources. A rock sample of dacite was taken from the central portion of the claim area and the only significant result which was obtained from the geochemical analysis was the value of 360 ppb Hg (B.C. Ministry of Mines, Energy and Petroleum Resources, 1979).

## 6. REGIONAL GEOLOGY (Figure 3)

The Foot claims are located in a region underlain by Mesozoic sedimentary and volcanic rocks which lie within a northwest-trending, structurally complex zone along the western margin of the Intermontane Belt, east of the Coast plutonic complex. The Tyaughton Trough is a feature of the area and is characterized by marine sedimentary rocks of the Middle Jurassic to Lower Cretaceous Relay Mountain Group and the mid-Cretaceous Taylor Creek and Jackass Mountain groups. An Upper Cretaceous succession of laterally discontinuous, nonmarine basinal deposits grading up into continental volcanic arc-related rocks, overlies the Tyaughton rocks with local angular unconformity (Glover et al, 1987).

The Jackass Mountain Group (Lower Cretaceous) is composed of clastic sedimentary rocks which outcrop over a large area northeast of the Yalakom Fault. This unit may underlie the Foot 7 claim, as indicated by Figure 3.

Eocene volcanics, comprised of andesitic to rhyolitic composition, unconformably overlies the Jackass Mountain Group. The volcanics are similar lithologically to Eocene-dated volcanics to the north and northeast which are host to the Blackdome epithermal gold deposit. They are made up of andesitic to dacitic



**LEGEND**

**GEOLOGY** (by Tipper O.F. 534, 1978.)

**MIOCENE**

**MPcv** Olivine basalt, andesite; minor tuff.

**OLIGOCENE**

**OMv** Grey to brown, fine grained to porphyritic and amygdaloidal andesite and basalt tuff and breccia.

**EOCENE**

**Ev** Rhyolitic and dacitic tuff, breccia, and flows; minor andesitic to basaltic rocks.

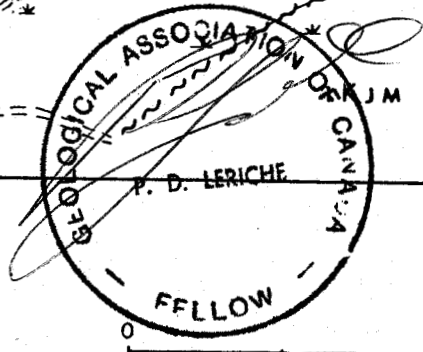
**CRETACEOUS**

**uKks** Interbedded siltstone, greywacke and conglomerate.

**IKJM** Buff to green greywacke, light grey shale, and pebble conglomerate, massive boulder conglomerate.

**SYMBOLS**

- Geological contact (defined, approximate, assumed)
- |-|- Bedding (inclined, vertical)
- ~~~~~ Fault
- ▲-▲-▲ Thrust or high angle reverse



NTS 920/2,7

**LEXINGTON RESOURCES LTD.**

**FOOT 1-7 CLAIMS  
CLINTON M.D., B.C.**

**REGIONAL GEOLOGY MAP**

Scale 1:125 000	By: P. Y. / J.S.
Date: NOVEMBER 1988.	Figure 3

**Ashworth Explorations Limited**

flows (locally vesicular and/or amygdaloidal), discontinuous units of flow-banded rhyolite, and unsorted andesitic to dacitic volcanic conglomerates.

This unit appears to underlie the Foot 1 - 6 claims (see Figure 3).

Eocene (Glover et al, 1987) or Oligocene (Tipper, 1978) porphyritic rocks appear to intrude the Eocene volcanics at Red Mountain and Big Sheep Mountain and a large area to the east of the Foot claims (Glover et al, 1987). These are commonly carbonate altered and contain variable proportions of feldspar, hornblende, biotite and quartz phenocrysts.

Flat-lying Miocene plateau basalts unconformably overlie the older rocks in the area. They occur as medium to dark gray flows intercalated with minor amounts of volcanic breccia and volcanic conglomerate. They cap several ridges in the region including Black Dome Mountain.

The Yalakom fault and the Fraser fault system are dominant features on the regional scale. The Yalakom fault divides the general area into two parts. The Foot claims lie northeast of the fault zone which is characterized by relatively widely spaced northwest and northeast-trending faults and by east-trending folds probably related to dextral movement along the Yalakom fault system.

The Jackass Mountain Group and the Eocene volcanics are bounded to the west by the north-northwest-trending Red Mountain fault which truncates several northeast-trending faults. North-northeast-trending extensional faults and fractures (Eocene?) appear to have developed in the Eocene volcanics in relation with the dextral wrench fault along the Fraser fault system (Glover et al, 1987).

An easterly-trending fault which cuts the Foot 7 claim is believed to be part of the Hungry Valley thrust fault (Tipper, 1978). It is inferred, separating Jackass Mountain sandstones from the Eocene volcanics, and possibly extends to the west.

## 7. 1988 PROGRAM

### 7.1 SCOPE AND PURPOSE

During October 1988 a field crew consisting of one geologist and three geotechnicians completed a program of geological mapping, stream sediment and soil sampling.

The purpose of this program was to cover the property using geochemical methods to define follow-up exploration targets. The expected target is an epithermal gold-silver deposit similar to that found at Blackdome Mountain.

### 7.2 METHODS AND PROCEDURES

Geological mapping was performed at a scale of 1:10,000 (Figure 4) over the property. Control for mapping was established using an altimeter, compass, hipchain and landmarks (creeks, swamps, roads, lakes).

Stream sediment samples were taken from all drainages. Samples were collected at 200 to 300 metre intervals from the active part of the streams. Grain size varied from silt to sand size. Altogether 46 stream sediment samples were taken, placed into marked sand sample bags and sent to Chemex Labs Ltd. for gold, mercury and multi-element ICP analysis (see Appendix A).

A contour and linear soil sampling program was carried out over the entire claim area. The total number of soil samples taken was 222. All samples were taken with a grub hoe from the B horizon (approximate depth of 25 centimetres), placed into marked Kraft paper bags, field dried and then sent to Chemex Labs Ltd. for gold, mercury and multi-element ICP (Appendix A).

The lab results for two elements (Au, Hg) were plotted on a 1:10,000 scale map (Figure 4). To evaluate any existing geochemical anomalies, frequency distribution histograms based on lab data were prepared for five elements (Hg, Zn, Au, Ag, Cu, and Pb) (Appendix C).

### 7.3 PROPERTY GEOLOGY (Figure 4)

The following description of lithologic units is based on geological mapping by Fayz Yacoub from October 3 to 7, 1988.

#### Unit 1 - Latite

This unit represents the oldest rock unit within the Eocene package. It underlies the southwest part of the property. It is buff to light gray porphyritic amygdaloidal latite.

#### Unit 2 - Andesite

This unit consists of a light to dark gray porphyritic andesite. It contains plagioclase and lesser pyroxene phenocrysts in a fine-grained groundmass.

#### Unit 3 - Pyroxene Basalt

This unit consists of a medium gray to black porphyritic/amygdaloidal pyroxene basalt and is present at the higher elevations of Flapjack Peak. This unit could



represent a plateau basalt of Miocene(?) age, which is known to cap peaks in the area.

#### Intrusive Rocks

A porphyritic latite dyke was located near the top of Flapjack Peak. It consists of a buff to light gray amygdaloidal latite and intruded into the Miocene basalt (Unit 3) at Flapjack Peak.

### 7.4 MINERALIZATION

#### 7.4.1 Geological Model

The target deposit expected on the Foot claims is an epithermal gold-silver deposit similar to that found at Black Dome Mountain.

According to the British Columbia Epithermal Model (Panteleyev, 1986), the Blackdome deposit fits in as gold-silver-bearing quartz-carbonate veins relatively high up in the epithermal system. Elements typically associated with these deposits include mercury, arsenic and antimony. A regional geochemical survey jointly conducted by the British Columbia Ministry of Energy, Mines and Petroleum Resources (B.C.RGS-3) and the Geological Survey of Canada (Open File 774, 1983) shows that creeks surrounding the Blackdome deposit are highly enriched in mercury.

Another example of enriched mercury is on the Bobcat II claim, owned by Lexington Resources Ltd. Mercury anomalies in soils and rocks (argillic alteration zones) have been used to define trenching and drilling targets. Follow-up trenching and drilling has located gold and base metal mineralization in quartz veins. Gold geochemistry is generally low on surface.

Hence, mercury is considered to be the best pathfinder element in the area of the subject claims.

### 7.5 STREAM SEDIMENT GEOCHEMISTRY (Figure 7)

The following samples are considered anomalous:

SAMPLE	VALUE	LOCATION
FT88-T12	45 ppb Au	1550 metres northwest of the Foot 1, 2, 3 and 4 LCP.
FT88-T18	360 ppb Hg	400 metres north of Foot 1, 2, 3 and 4 LCP.
FT88-T34	200 ppb Hg	1100 metres north-northeast of the Foot 7 LCP.
FT88-T38	310 ppb Hg	The centre of the Foot 5 claim.
FT88-T41	380 ppb Hg	Two kilometres west of the Foot 7 LCP.

### 7.6 SOIL GEOCHEMISTRY

The soil sampling survey was conducted to maximize coverage of the Foot claims.

#### 7.6.1 Mercury in Soil (Figure 4)

Range:	10 to 190 ppb
Mean:	34.37
Standard Deviation:	22.74
Background:	0-110 ppb
Anomalous:	110+ ppb

Three anomalous mercury values (120, 130 and 150 ppb) are centred in an area approximately 375 metres east of the northwest corner of the Foot 7 claim.

#### 7.6.2 Zinc in Soil

Range:	0 (not detected) to 169 ppm
Mean:	69.94
Standard Deviation:	20.87
Background:	0-140 ppm
Anomalous:	140+ ppm

Two anomalous zinc values were obtained. A value of 167 ppm resulted from a sampling location approximately 530 metres west and 1290 metres north of the southeast corner of the Foot 6 claim. The second value of 169 ppm zinc was from a location 530 metres west and 1100 metres north of the southeast corner of the Foot 7 claim.

### 7.6.3 Gold in Soil (Figure 4)

Three gold results greater than 20 ppb were obtained: 25, 45 and 50 ppb.

Two samples were from locations within 650 metres of the eastern claim boundary. One (50 ppb) was from the Foot 4 claims and the other (30 ppb) was from the Foot 6 claim (see Figure 4). The third value of 25 ppb Au was from a location near the centre of the Foot 1 claim.

## 7.7 DISCUSSION OF RESULTS

The 1988 geological and geochemical surveys have outlined four anomalous areas that will require follow-up exploration work.

The first is an area situated around the northern claim boundary of the Foot 7 claim. Anomalies in this area include: three high (>110 ppb) mercury values in stream sediments, three high (>110 ppb) mercury values in soils and one anomalous (169 ppm) zinc value in soils.

Area 2 is located immediately north of Area 1 and includes the northeast area of the Foot 5 claim. One creek which drains this area northward also carried anomalous mercury values (>110 ppb). This creek extends northward 1250 metres north of the northwest corner of the Foot 7 claim and stream sediment sampling results included six anomalous mercury values and one gold value of 45 ppb

coincident with a mercury value of 120 ppb. Soil sample FT88-S193, located 530 metres west of the creek also gave a mercury result of 190 ppb.

Area 3 is located in the eastern half of Foot 6 claim and is drained by another creek from which anomalous stream sediment sample results were obtained. This creek extends to the northwest from its forked origin points, approximately 650 metres north and 1150 metres west of the southeast corner of the Foot 6 claim and approximately from the northwest corner of the Foot 6 claim. Four anomalous mercury values (>110 ppb), including one of 200 ppb and one of 360 ppb, resulted from stream sediment samples.

Also in Area 3 a gold value of 20 ppb from soils was obtained from a location (Sample FT88-S28) 550 metres west and approximately 300 metres south of the northwest corner of the Foot 6 claim. A zinc value of 167 ppm was obtained from soil sample FT88-S26 collected 200 metres south of FT88-S28.

These three anomalous areas described above generally surround the Hungry Valley thrust fault which cuts across the north half of the Foot 7 claim.

The fourth anomalous area is located in the south half of the Foot 1 claim. Soil sample FT88-S08 gave a value of 25 ppb Au. Three stream sediment samples between 140 and 180 ppb Hg were located close to the southwest corner of the Foot 1 claim.

## 8. CONCLUSIONS

Both writers conclude that the Foot 1 to 7 claims have the potential to host an epithermal gold-silver vein deposit for the following reasons:

- The main host rock (Eocene volcanics) is favourable for hosting economic gold-silver quartz veins as seen at the Blackdome deposit.
- Anomalous values in gold, mercury and zinc from soils and stream sediments, especially adjacent to the Hungry Valley thrust fault which crosses the property, point towards the possible presence of an auriferous epithermal system on the subject claims.

For these reasons further exploration work is recommended.

## 9. RECOMMENDATIONS

### Phase II

- 1) Lay out approximately 17.5 kilometres of grid including 1.4 kilometre baseline extending in a north-south direction from a location 250 metres south and 950 metres east from the northwest corner of the Foot 7 claim. Line spacings should be at 100 metres. This grid will provide detailed sampling over the portion of Area 1 which was highlighted by anomalous mercury results from three soil samples in the 1988 work program. It will also cover a portion of Area 2. Detailed soil sampling of this area may explain the anomalous stream sediment samples obtained from the creek which drains Area 2.
- 2) Soil sample the grid at 50 metre station spacings.
- 3) Contour soil sample the northwest and the southwest areas of the claims. The northwest area should be sampled in the western half of the Foot 2 claim, the Foot 1 claim and the northern area of the Foot 3 claim. This will provide additional information about Area 4 and will fill-in previously unsampled areas. The southeast area to be sampled should include the central area of the claims including portions of the Foot 3, 4, 5 and 6

claims and the southern portion of the Foot 6 claim. This will provide additional information about Areas 2 and 3 and will also fill-in previously unsampled areas.

- 4) Geologically map and rock sample the unmapped areas of the property.

### Phase III

Phase III is contingent upon targets being established from Phase II. It would consist of additional fill-in soil sampling to better define any existing soil anomalies, hand trenching and blasting.

10. PROPOSED BUDGET - PHASE II

(Project Geologist, 3 Geotechnicians - 12 field days)

Project Preparation		\$	600
Mob/Demob (includes transportation, freight and wages)			3,800
Field Crew			10,505
Field Costs			14,560
<u>Lab Analysis</u>			
Say 600 soil samples @ \$19/sample	\$	11,400	
Say 30 rock samples @ \$22/sample		<u>660</u>	12,060
Supervision and Report			<u>7,725</u>
Sub-total		\$	49,250
Administration 15%			<u>7,388</u>
Total			<u>56,638</u>
	(Say	\$	<u>57,000)</u>

Respectfully submitted:

Peter D. Leriche, B.Sc., F.G.A.C.



PERSONNEL

The following personnel were employed during the 1988 Field Program on the  
Foot 1 to 7 claims:

Fayz Yacoub	Project Geologist
Robert Paeseler	Senior Geotechnician
Andrew Molnar	Geotechnician
Patrick Wilson	Geotechnician



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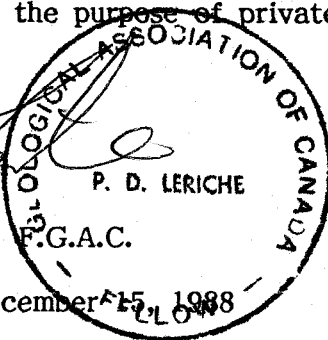
CERTIFICATE

I, PETER D. LERICHE, of 3126 West 12th Avenue, Vancouver, B.C., V6K 2R7, do hereby state that:

1. I am a graduate of McMaster University, Hamilton, Ontario, with a Bachelor of Science Degree in Geology, 1980.
2. I am a Fellow in good standing with the Geological Association of Canada.
3. I have actively pursued my career as a geologist for nine years in British Columbia, Ontario, Yukon and Northwest Territories, Arizona, Nevada and California.
4. The information, opinions, and recommendations in this report are based on fieldwork carried out under my direction, and on published and unpublished literature.
5. I have no interest, direct or indirect, in the subject claims or the securities of Lexington Resources Ltd.
6. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of private or public financing.

  
Peter D. Leriche, B.Sc., F.G.A.C.

Dated at Vancouver, December 15, 1988



CERTIFICATE

I, FAYZ F. YACOUB, of 13031 - 64th Avenue, Surrey, British Columbia, V3W 1X8, do hereby declare:

1. That I am a graduate in geology and chemistry from Assuit University, Egypt (B.Sc. 1967), and Mining Exploration Geology of the International Institute for Aerial Survey and Earth Sciences (I.T.C.), Holland (Diploma 1978).
2. I have actively pursued my career as a geologist for the past fifteen years.
3. The information, opinions, and recommendations in this report are based on fieldwork carried out by myself, and on published and unpublished literature. I was present on the subject property on October 3 to 7, 1988.
4. I have no interest, direct or indirect, in the subject claims or the securities of Lexington Resources Ltd.
5. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of private or public financing.



F. Yacoub

Fayz F. Yacoub, B.Sc.

Dated at Vancouver, December 15, 1988

ITEMIZED COST STATEMENT FOR FOOT CLAIMS

(Project Geologist, Three Geotechnicians;  
October 3 to 7, 1988; 5 field days)

Project Preparation		\$	400.00
Mob/Demob (includes transportation, freight and wages)			2,400.00
<u>Field Crew</u>			
Project Geologist \$275/day x 5 days	\$	1,375	
3 Geotechnicians \$210/day x 15 mandays		<u>3,150</u>	4,525.00
<u>Field Costs</u>			
Helicopter Support \$650/hr x 6 hrs	\$	3,900	
Food and Accommodation \$70/day x 20 mandays		1,400	
Expediting		150	
Communications \$35/day x 5 days		175	
Other Rentals (2 motorcycles, trailer)		350	
Freight		50	
Supplies		250	
1 4X4 Truck \$110/day x 6 days		<u>660</u>	6,935.00
<u>Lab Analysis</u>			
267 silt and soil samples @ \$19.38/sample (Au by FA/AA, Hg, ICP)			5,174.46
Supervision and Report			<u>2,950.00</u>
Sub-total	\$		22,384.46
Administration 15%			<u>3,357.67</u>
Total	\$		<u>25,742.13</u>

**APPENDIX A**  
**ANALYTICAL RESULTS**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.

VANCOUVER, BC

V6C 1A5

Comments :

A8825774

## CERTIFICATE A8825774

ASHWORTH EXPLORATIONS LTD.

PROJECT : 142

P. O. # : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 26-OCT-88.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	217	Dry, sieve -80 mesh: soil, sed.
203	5	Dry, sieve -35 mesh and ring
217	2	Geochem: Ring only, no crush/split
238	222	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	222	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
20	222	Hg ppb: HNO <sub>3</sub> -HCl digestion	AAS-FLAMELESS	10	100000
921	221	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	221	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	221	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	221	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	221	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	221	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	221	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	221	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	221	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	221	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	221	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	221	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	221	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	221	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	221	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	221	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	221	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	221	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	221	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	221	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	221	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	221	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	221	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	221	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	221	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	221	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	221	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	221	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	221	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	221	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	221	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	221	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000



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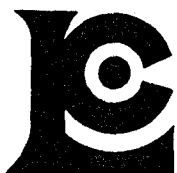
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825774

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	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 %
FT88 S-01	201 238	< 5	40	1.51	< 0.2	5	120	< 0.5	< 2	0.38	< 0.5	8	29	10	2.47	< 10	< 1	0.10	10	0.46
FT88 S-02	201 238	< 5	30	2.59	< 0.2	< 5	170	< 0.5	< 2	0.55	< 0.5	21	39	19	3.18	10	< 1	0.10	20	0.62
FT88 S-03	201 238	< 5	20	1.49	< 0.2	< 5	100	< 0.5	< 2	0.29	< 0.5	10	35	9	2.35	< 10	< 1	0.06	10	0.39
FT88 S-04	201 238	< 5	20	1.32	< 0.2	5	90	< 0.5	< 2	0.36	< 0.5	12	41	11	2.41	< 10	< 1	0.05	10	0.48
FT88 S-05	201 238	< 5	20	1.63	< 0.2	< 5	100	< 0.5	< 2	0.34	< 0.5	11	38	13	2.62	< 10	2	0.06	10	0.45
FT88 S-06	201 238	< 5	30	1.72	< 0.2	15	60	< 0.5	< 2	0.51	< 0.5	9	27	14	2.35	< 10	1	0.03	10	0.38
FT88 S-07	201 238	< 5	30	2.28	< 0.2	< 5	90	< 0.5	< 2	0.42	< 0.5	11	36	13	2.75	< 10	< 1	0.05	10	0.44
FT88 S-08	201 238	25	50	2.20	< 0.2	5	140	< 0.5	< 2	0.43	< 0.5	11	44	13	2.95	< 10	< 1	0.05	10	0.48
FT88 S-09	201 238	< 5	30	2.18	< 0.2	15	100	< 0.5	< 2	0.56	< 0.5	12	40	15	2.69	< 10	4	0.07	10	0.56
FT88 S-10	201 238	< 5	50	2.60	< 0.2	5	150	< 0.5	< 2	0.82	< 0.5	11	49	22	3.45	< 10	< 1	0.08	10	0.69
FT88 S-11	201 238	< 5	30	1.17	< 0.2	< 5	100	< 0.5	< 2	0.39	< 0.5	10	32	8	2.03	< 10	< 1	0.04	10	0.37
FT88 S-12	201 238	< 5	20	1.60	< 0.2	< 5	90	< 0.5	< 2	0.36	< 0.5	9	36	10	2.39	< 10	< 1	0.04	10	0.44
FT88 S-13	201 238	< 5	40	1.81	< 0.2	5	120	< 0.5	< 2	0.74	< 0.5	12	38	18	2.60	< 10	< 1	0.06	20	0.73
FT88 S-14	201 238	< 5	30	0.98	< 0.2	10	90	< 0.5	< 2	0.38	< 0.5	10	27	8	2.08	< 10	< 1	0.04	< 10	0.32
FT88 S-15	201 238	< 5	70	3.27	0.2	< 5	180	0.5	< 2	1.44	< 0.5	13	54	75	3.40	< 10	2	0.08	20	0.86
FT88 S-16	201 238	< 5	30	1.08	< 0.2	20	90	< 0.5	< 2	0.36	< 0.5	6	24	7	1.88	< 10	< 1	0.05	10	0.36
FT88 S-17	201 238	< 5	40	2.20	0.2	20	100	< 0.5	< 2	0.55	< 0.5	10	40	12	2.74	< 10	< 1	0.08	10	0.58
FT88 S-18	201 238	< 5	20	1.38	< 0.2	15	110	< 0.5	< 2	0.46	< 0.5	10	31	8	2.35	< 10	< 1	0.08	10	0.42
FT88 S-19	201 238	< 5	30	2.41	< 0.2	15	160	< 0.5	< 2	0.39	< 0.5	13	35	7	2.78	< 10	< 1	0.08	10	0.37
FT88 S-20	201 238	< 5	30	3.04	0.2	30	140	< 0.5	< 2	0.38	< 0.5	16	41	8	2.71	< 10	< 1	0.08	10	0.37
FT88 S-21	201 238	< 5	20	2.87	0.2	35	180	< 0.5	< 2	0.34	< 0.5	19	54	10	3.58	10	< 1	0.07	10	0.48
FT88 S-22	201 238	< 5	20	1.69	0.2	< 5	80	< 0.5	< 2	0.28	< 0.5	9	28	5	2.24	< 10	1	0.05	10	0.30
FT88 S-23	201 238	< 5	20	1.99	0.2	20	120	< 0.5	< 2	0.36	< 0.5	14	47	9	2.88	< 10	< 1	0.05	10	0.53
FT88 S-24	201 238	< 5	30	2.38	< 0.2	15	140	< 0.5	< 2	0.41	< 0.5	16	43	12	2.87	< 10	< 1	0.07	10	0.51
FT88 S-25	201 238	< 5	20	1.22	0.2	< 5	90	< 0.5	< 2	0.46	< 0.5	9	42	11	2.29	< 10	3	0.06	10	0.57
FT88 S-26	201 238	< 5	20	3.22	0.2	30	170	< 0.5	< 2	0.25	< 0.5	19	55	11	3.90	10	1	0.06	< 10	0.54
FT88 S-27	201 238	< 5	30	1.76	0.2	10	140	< 0.5	< 2	0.39	< 0.5	10	44	12	2.36	< 10	< 1	0.06	10	0.63
FT88 S-28	201 238	20	30	1.75	0.2	15	160	< 0.5	< 2	0.78	< 0.5	16	51	20	2.89	< 10	< 1	0.09	20	0.82
FT88 S-30	201 238	< 5	20	1.78	0.2	15	80	< 0.5	< 2	0.33	< 0.5	10	33	11	2.45	< 10	< 1	0.04	10	0.57
FT88 S-31	201 238	< 5	20	1.67	< 0.2	10	120	< 0.5	< 2	0.34	< 0.5	9	38	12	2.41	< 10	< 1	0.05	10	0.52
FT88 S-32	201 238	< 5	20	2.23	0.2	15	140	< 0.5	< 2	0.31	< 0.5	15	43	11	2.79	10	< 1	0.06	10	0.48
FT88 S-33	201 238	< 5	20	1.34	0.2	< 5	70	< 0.5	< 2	0.29	< 0.5	7	27	7	1.91	< 10	< 1	0.05	< 10	0.36
FT88 S-34	201 238	< 5	30	2.13	0.2	< 5	80	< 0.5	< 2	0.47	< 0.5	13	26	11	2.39	10	< 1	0.04	10	0.58
FT88 S-35	201 238	< 5	40	1.64	< 0.2	< 5	90	< 0.5	< 2	0.35	< 0.5	10	27	7	2.06	< 10	< 1	0.05	10	0.38
FT88 S-36	201 238	< 5	30	2.50	< 0.2	< 5	100	< 0.5	< 2	0.23	< 0.5	14	34	8	2.67	< 10	< 1	0.05	< 10	0.40
FT88 S-37	201 238	< 5	20	1.92	< 0.2	15	120	< 0.5	< 2	0.32	< 0.5	12	43	9	2.65	< 10	< 1	0.05	10	0.40
FT88 S-38	201 238	50	10	1.99	< 0.2	< 5	130	< 0.5	< 2	0.32	< 0.5	13	51	13	2.98	< 10	< 1	0.04	10	0.53
FT88 S-39	203 238	< 5	90	4.39	0.4	15	170	< 0.5	2	1.72	< 0.5	12	63	52	3.76	< 10	< 1	0.10	30	1.07
FT88 S-40	203 238	< 5	90	3.77	0.2	< 5	130	< 0.5	< 2	2.11	0.5	11	54	46	2.91	< 10	< 1	0.08	20	0.83
FT88 S-41	201 238	< 5	30	1.49	0.2	< 5	110	< 0.5	< 2	0.52	< 0.5	9	28	11	2.28	< 10	< 1	0.07	10	0.43

CERTIFICATION :

*B. Coughlin*



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V6C 1A5

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Page No. : 1-B

Tot. Pages: 6

Date : 26-OCT-88

Invoice #: I-8825774

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825774

SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
FT88 S-01	201 238	422	< 1	0.01	19	330	12	< 5	4	69	0.15	< 10	< 10	71	< 5	59
FT88 S-02	201 238	1415	< 1	0.02	36	690	10	< 5	6	93	0.14	< 10	< 10	84	< 5	77
FT88 S-03	201 238	296	< 1	0.01	20	300	6	< 5	3	35	0.16	< 10	< 10	61	< 5	62
FT88 S-04	201 238	350	< 1	0.02	27	320	6	< 5	2	38	0.15	< 10	< 10	61	< 5	53
FT88 S-05	201 238	331	< 1	0.01	20	350	2	< 5	3	50	0.17	< 10	< 10	63	< 5	58
FT88 S-06	201 238	238	< 1	0.03	14	210	6	< 5	4	71	0.12	< 10	< 10	58	5	56
FT88 S-07	201 238	224	< 1	0.02	21	310	2	< 5	3	55	0.16	< 10	< 10	67	5	58
FT88 S-08	201 238	229	< 1	0.02	32	570	4	< 5	4	55	0.16	< 10	< 10	72	10	70
FT88 S-09	201 238	309	< 1	0.03	29	360	< 2	< 5	5	61	0.11	< 10	< 10	57	5	63
FT88 S-10	201 238	455	< 1	0.02	32	370	2	< 5	7	125	0.12	< 10	< 10	71	5	77
FT88 S-11	201 238	206	< 1	0.02	17	180	< 2	< 5	3	67	0.18	< 10	< 10	56	< 5	51
FT88 S-12	201 238	407	< 1	0.02	21	260	< 2	< 5	3	46	0.12	< 10	< 10	61	< 5	61
FT88 S-13	201 238	436	< 1	0.02	29	370	2	< 5	5	80	0.11	< 10	< 10	50	5	73
FT88 S-14	201 238	179	< 1	0.01	14	250	4	< 5	2	56	0.14	< 10	< 10	56	5	68
FT88 S-15	201 238	368	< 1	0.02	54	820	< 2	< 5	9	148	0.04	< 10	< 10	53	5	101
FT88 S-16	201 238	262	< 1	0.02	17	310	4	< 5	3	63	0.13	< 10	< 10	56	< 5	42
FT88 S-17	201 238	558	< 1	0.02	32	410	4	< 5	6	66	0.09	< 10	< 10	53	< 5	71
FT88 S-18	201 238	367	< 1	0.02	25	410	2	< 5	4	66	0.14	< 10	< 10	68	< 5	64
FT88 S-19	201 238	1250	1	0.02	32	400	2	< 5	3	44	0.16	< 10	< 10	77	< 5	86
FT88 S-20	201 238	424	< 1	0.02	49	1060	4	< 5	4	37	0.15	< 10	< 10	66	< 5	114
FT88 S-21	201 238	791	< 1	0.02	46	350	10	< 5	5	50	0.21	< 10	< 10	103	< 5	73
FT88 S-22	201 238	289	< 1	0.02	20	390	6	< 5	3	44	0.15	< 10	< 10	66	< 5	73
FT88 S-23	201 238	263	< 1	0.02	41	730	8	< 5	3	47	0.16	< 10	< 10	74	< 5	79
FT88 S-24	201 238	1850	2	0.02	47	970	6	< 5	4	45	0.15	< 10	< 10	69	< 5	126
FT88 S-25	201 238	284	< 1	0.02	26	270	6	< 5	5	65	0.16	< 10	< 10	62	< 5	54
FT88 S-26	201 238	277	< 1	0.01	70	1230	< 2	< 5	3	29	0.16	< 10	< 10	86	< 5	167
FT88 S-27	201 238	163	< 1	0.02	40	510	< 2	< 5	3	51	0.15	< 10	< 10	52	< 5	67
FT88 S-28	201 238	474	< 1	0.03	48	820	< 2	< 5	6	109	0.16	< 10	< 10	78	< 5	62
FT88 S-30	201 238	225	< 1	0.02	32	370	10	< 5	3	43	0.15	< 10	< 10	58	< 5	94
FT88 S-31	201 238	226	< 1	0.02	25	290	6	< 5	4	54	0.18	< 10	< 10	60	< 5	58
FT88 S-32	201 238	433	< 1	0.01	45	870	< 2	< 5	3	41	0.16	< 10	< 10	65	< 5	91
FT88 S-33	201 238	219	< 1	0.02	20	300	< 2	< 5	2	37	0.15	< 10	< 10	53	< 5	57
FT88 S-34	201 238	490	< 1	0.02	18	260	6	< 5	3	51	0.19	< 10	< 10	64	< 5	63
FT88 S-35	201 238	724	< 1	0.01	27	500	6	< 5	2	41	0.11	< 10	< 10	53	< 5	69
FT88 S-36	201 238	238	2	0.02	39	690	< 2	< 5	2	25	0.13	< 10	< 10	60	< 5	81
FT88 S-37	201 238	324	< 1	0.02	27	650	2	< 5	3	39	0.16	< 10	< 10	63	< 5	75
FT88 S-38	201 238	242	< 1	0.02	50	700	< 2	< 5	3	26	0.16	< 10	< 10	76	< 5	84
FT88 S-39	203 238	345	< 1	0.02	60	1170	< 2	< 5	10	138	0.03	< 10	< 10	44	< 5	87
FT88 S-40	203 238	344	< 1	0.02	52	1000	< 2	< 5	7	169	0.02	< 10	< 10	37	< 5	84
FT88 S-41	201 238	367	< 1	0.02	16	370	2	< 5	3	70	0.16	< 10	< 10	61	< 5	58

CERTIFICATION :

*B. Coughlin*







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SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
FT88 S-42	201 238	279	< 1	0.01	38	690	< 2	< 5	3	35	0.13	< 10	< 10	64	< 5	81
FT88 S-43	201 238	290	< 1	0.01	28	670	6	< 5	2	25	0.13	< 10	< 10	60	< 5	74
FT88 S-44	201 238	364	< 1	0.01	30	790	10	< 5	2	33	0.12	< 10	< 10	56	< 5	83
FT88 S-45	201 238	220	< 1	0.01	21	440	4	< 5	2	25	0.11	< 10	< 10	49	< 5	72
FT88 S-46	201 238	209	< 1	0.01	47	800	4	< 5	3	30	0.14	< 10	< 10	65	< 5	83
FT88 S-47	201 238	276	2	0.02	88	730	< 2	< 5	3	37	0.17	< 10	< 10	72	< 5	80
FT88 S-48	201 238	201	< 1	0.02	39	460	10	< 5	2	36	0.14	< 10	< 10	57	< 5	69
FT88 S-49	201 238	167	2	0.03	14	260	< 2	< 5	2	19	0.10	< 10	< 10	53	< 5	43
FT88 S-50	201 238	184	< 1	0.02	24	420	4	< 5	4	71	0.14	< 10	< 10	52	< 5	62
FT88 S-51	201 238	322	< 1	0.02	29	530	12	< 5	3	32	0.15	< 10	< 10	66	< 5	103
FT88 S-52	201 238	289	2	0.02	34	830	2	< 5	2	30	0.14	< 10	< 10	76	< 5	94
FT88 S-53	201 238	398	< 1	0.02	31	380	6	< 5	7	62	0.11	< 10	< 10	58	< 5	93
FT88 S-54	201 238	147	< 1	0.03	48	1460	2	< 5	6	142	0.04	< 10	< 10	41	< 5	58
FT88 S-55	201 238	381	< 1	0.02	44	850	4	< 5	5	120	0.03	< 10	< 10	33	< 5	124
FT88 S-56	201 238	915	< 1	0.02	51	850	< 2	5	9	105	0.06	< 10	< 10	70	< 5	104
FT88 S-57	201 238	398	< 1	0.03	28	460	6	< 5	6	64	0.09	< 10	< 10	59	< 5	73
FT88 S-59	201 238	254	< 1	0.02	53	960	8	< 5	3	61	0.14	< 10	< 10	65	< 5	79
FT88 S-60	201 238	479	< 1	0.01	27	630	6	< 5	2	35	0.14	< 10	< 10	69	< 5	90
FT88 S-61	201 238	1005	< 1	0.01	25	860	< 2	< 5	2	28	0.10	< 10	< 10	57	< 5	92
FT88 S-62	201 238	217	< 1	0.02	18	510	6	< 5	3	72	0.11	< 10	< 10	59	< 5	76
FT88 S-63	201 238	229	< 1	0.03	17	300	6	< 5	5	120	0.16	< 10	< 10	56	< 5	48
FT88 S-64	201 238	217	< 1	0.02	17	220	4	< 5	5	72	0.13	< 10	< 10	60	< 5	61
FT88 S-65	201 238	325	< 1	0.03	56	700	10	< 5	9	106	0.03	< 10	< 10	49	< 5	104
FT88 S-66	201 238	380	< 1	0.04	24	410	2	< 5	7	84	0.11	< 10	< 10	68	< 5	73
FT88 S-67	201 238	196	< 1	0.03	19	190	< 2	< 5	5	84	0.16	< 10	< 10	56	< 5	54
FT88 S-68	201 238	248	< 1	0.04	23	330	2	< 5	6	74	0.06	< 10	< 10	57	< 5	76
FT88 S-69	201 238	271	< 1	0.02	14	240	4	< 5	3	51	0.10	< 10	< 10	51	< 5	72
FT88 S-70	201 238	249	< 1	0.02	13	210	2	< 5	4	83	0.10	< 10	< 10	57	< 5	67
FT88 S-71	201 238	258	< 1	0.03	20	440	< 2	< 5	5	163	0.04	< 10	< 10	53	< 5	68
FT88 S-72	201 238	206	< 1	0.04	30	1110	< 2	< 5	5	120	0.05	< 10	< 10	60	< 5	53
FT88 S-73	201 238	465	< 1	0.03	38	1850	4	5	6	90	0.02	< 10	< 10	37	< 5	85
FT88 S-74	201 238	465	< 1	0.02	26	420	4	< 5	7	86	0.11	< 10	< 10	74	< 5	90
FT88 S-75	201 238	252	< 1	0.02	21	240	2	< 5	5	104	0.13	< 10	< 10	72	< 5	64
FT88 S-76 A	201 238	307	< 1	0.02	17	280	10	< 5	5	97	0.11	< 10	< 10	78	< 5	59
FT88 S-76 B	201 238	375	< 1	0.02	28	320	8	< 5	7	64	0.15	< 10	< 10	65	< 5	107
FT88 S-77 A	201 238	459	< 1	0.03	20	370	6	5	7	173	0.14	< 10	< 10	99	< 5	77
FT88 S-77 B	201 238	205	< 1	0.01	18	280	2	< 5	4	57	0.16	< 10	< 10	50	< 5	54
FT88 S-78 A	201 238	533	< 1	0.01	31	550	6	< 5	6	87	0.09	< 10	< 10	102	< 5	108
FT88 S-78 B	201 238	278	< 1	0.02	18	240	8	< 5	4	61	0.15	< 10	< 10	50	< 5	49
FT88 S-79 A	201 238	457	< 1	0.02	25	460	10	< 5	7	134	0.11	< 10	< 10	108	< 5	86

CERTIFICATION :

*B. Coughlin*



Chemex Labs Ltd.

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

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.
VANCOUVER, BC
V6C 1A5

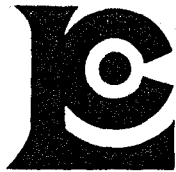
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P.O. #: NONE

CERTIFICATE OF ANALYSIS A8825774

Table with columns: SAMPLE DESCRIPTION, PREP CODE, and elements Au through Mg with their respective units (ppb, ppm, %).

CERTIFICATION: [Signature]



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SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
FT88 S-79 B	201 238	167	< 1	0.02	17	180	< 2	< 5	3	49	0.17	< 10	< 10	52	< 5	53
FT88 S-80 A	201 238	725	< 1	0.02	23	480	< 2	< 5	6	86	0.10	< 10	< 10	115	< 5	107
FT88 S-80 B	201 238	170	< 1	0.02	14	180	< 2	< 5	4	55	0.19	< 10	< 10	55	< 5	48
FT88 S-81 A	201 238	766	< 1	0.05	26	460	< 2	5	11	187	0.09	< 10	< 10	124	< 5	87
FT88 S-81 B	201 238	362	< 1	0.02	24	430	< 2	< 5	4	46	0.12	< 10	< 10	58	< 5	80
FT88 S-82 A	201 238	449	< 1	0.03	18	310	2	< 5	3	100	0.03	< 10	< 10	77	< 5	61
FT88 S-82 B	201 238	730	< 1	0.02	30	640	< 2	< 5	3	46	0.14	< 10	< 10	87	< 5	111
FT88 S-83 A	201 238	640	< 1	0.02	13	460	4	< 5	4	98	0.03	< 10	< 10	61	< 5	75
FT88 S-83 B	201 238	166	< 1	0.01	21	780	< 2	< 5	3	57	0.12	< 10	< 10	67	< 5	55
FT88 S-84 A	201 238	384	< 1	0.03	15	450	4	< 5	3	71	0.02	< 10	< 10	55	< 5	73
FT88 S-84 B	201 238	473	< 1	0.02	27	550	< 2	< 5	3	44	0.15	< 10	< 10	58	< 5	89
FT88 S-85 A	201 238	780	< 1	0.02	30	500	< 2	< 5	7	89	0.14	< 10	< 10	75	< 5	105
FT88 S-85 B	201 203	199	< 1	0.01	20	1080	2	< 5	4	69	0.13	< 10	< 10	52	< 5	76
FT88 S-86 A	201 238	528	< 1	0.02	28	540	< 2	< 5	6	100	0.16	< 10	< 10	75	< 5	111
FT88 S-86 B	201 238	345	< 1	0.02	20	210	< 2	< 5	4	64	0.14	< 10	< 10	54	< 5	80
FT88 S-87 A	201 238	804	< 1	0.02	30	660	< 2	< 5	8	119	0.13	< 10	< 10	79	< 5	95
FT88 S-87 B	201 238	473	< 1	0.02	25	320	< 2	< 5	5	69	0.12	< 10	< 10	60	< 5	68
FT88 S-88	201 238	542	< 1	0.02	25	310	< 2	< 5	5	68	0.14	< 10	< 10	60	< 5	70
FT88 S-89	201 238	527	< 1	0.02	25	290	< 2	< 5	5	81	0.13	< 10	< 10	58	< 5	71
FT88 S-90	201 238	302	< 1	0.02	39	490	< 2	< 5	7	142	0.08	< 10	< 10	59	< 5	56
FT88 S-91	201 238	195	< 1	0.01	26	460	< 2	< 5	3	38	0.17	< 10	< 10	66	< 5	66
FT88 S-92	201 238	371	< 1	0.02	26	980	< 2	< 5	3	35	0.14	< 10	< 10	60	< 5	79
FT88 S-93	201 238	305	< 1	0.02	24	1090	4	< 5	3	35	0.13	< 10	< 10	59	< 5	82
FT88 S-94	201 238	200	< 1	0.01	17	760	< 2	< 5	2	40	0.12	< 10	< 10	53	< 5	51
FT88 S-96	201 238	166	< 1	0.01	29	520	< 2	< 5	3	51	0.11	< 10	< 10	47	< 5	42
FT88 S-97	201 238	439	< 1	0.01	17	290	4	< 5	3	47	0.13	< 10	< 10	49	< 5	53
FT88 S-98	201 238	325	< 1	0.02	23	320	4	< 5	3	39	0.15	< 10	< 10	52	< 5	69
FT88 S-99	201 238	478	< 1	0.02	20	390	2	< 5	4	56	0.15	< 10	< 10	59	< 5	66
FT88 S-100	201 238	233	< 1	0.02	19	330	4	< 5	3	55	0.15	< 10	< 10	57	< 5	65
FT88 S-101	201 238	215	< 1	0.02	22	490	2	< 5	4	66	0.16	< 10	< 10	61	< 5	52
FT88 S-102	201 238	194	< 1	0.02	22	270	2	< 5	4	65	0.15	< 10	< 10	66	< 5	50
FT88 S-103	201 238	236	< 1	0.02	45	1300	< 2	< 5	5	47	0.10	< 10	< 10	57	< 5	112
FT88 S-104	201 238	408	< 1	0.02	17	260	< 2	< 5	3	43	0.11	< 10	< 10	55	< 5	55
FT88 S-105	201 238	419	< 1	0.02	21	380	< 2	< 5	3	47	0.12	< 10	< 10	62	< 5	65
FT88 S-106	201 238	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
FT88 S-107	201 238	186	< 1	0.02	17	200	4	< 5	4	67	0.15	< 10	< 10	49	< 5	48
FT88 S-108	201 238	198	< 1	0.02	22	400	4	< 5	3	42	0.14	< 10	< 10	47	< 5	69
FT88 S-109	201 238	266	< 1	0.02	20	360	< 2	< 5	5	68	0.11	< 10	< 10	50	< 5	57
FT88 S-110	201 238	280	< 1	0.02	18	640	2	< 5	3	43	0.14	< 10	< 10	50	< 5	71
FT88 S-111	201 238	156	< 1	0.02	11	190	< 2	< 5	3	54	0.15	10	< 10	44	< 5	51

CERTIFICATION :

*B. Coughlin*





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Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 1A5

Project: 242

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P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825774

SAMPLE DESCRIPTION	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
FT88 S-112	201	238	528	< 1	0.01	15	640	8	< 5	3	65	0.13	10	< 10	55	< 5	56
FT88 S-113	201	238	177	< 1	0.01	21	350	2	< 5	3	43	0.14	10	< 10	50	< 5	59
FT88 S-114	201	238	189	< 1	0.02	20	210	6	< 5	3	46	0.15	10	< 10	58	< 5	62
FT88 S-115	201	238	233	< 1	0.01	27	470	6	< 5	3	44	0.12	10	< 10	47	< 5	84
FT88 S-116	201	238	291	< 1	0.02	22	410	2	< 5	4	56	0.17	10	< 10	55	< 5	79
FT88 S-117	201	238	216	< 1	0.01	22	360	6	< 5	3	41	0.15	20	< 10	51	< 5	68
FT88 S-118	201	238	210	< 1	0.02	22	360	2	< 5	3	53	0.18	< 10	< 10	59	< 5	60
FT88 S-119	201	238	202	< 1	0.01	22	340	4	< 5	3	44	0.15	< 10	< 10	52	< 5	59
FT88 S-120	201	238	420	< 1	0.02	19	660	4	< 5	3	65	0.15	< 10	< 10	55	< 5	55
FT88 S-121	201	238	500	< 1	0.14	23	530	2	10	13	312	0.13	< 10	< 10	112	< 5	82
FT88 S-122	201	238	474	< 1	0.03	26	260	< 2	5	8	144	0.20	< 10	< 10	93	< 5	69
FT88 S-123	201	238	391	< 1	0.02	22	390	< 2	< 5	3	50	0.16	< 10	< 10	57	< 5	81
FT88 S-124	201	238	462	< 1	0.02	23	470	2	5	5	99	0.17	< 10	< 10	72	< 5	100
FT88 S-125	201	238	377	< 1	0.02	21	190	4	< 5	5	120	0.19	< 10	< 10	80	< 5	63
FT88 S-126	201	238	289	< 1	0.02	21	230	< 2	< 5	6	60	0.18	< 10	< 10	78	< 5	51
FT88 S-127	201	238	221	< 1	0.02	19	190	< 2	< 5	3	48	0.19	< 10	< 10	60	< 5	49
FT88 S-128	201	238	331	< 1	0.02	31	780	2	< 5	3	35	0.16	< 10	< 10	60	< 5	94
FT88 S-129	201	238	290	< 1	0.02	62	1210	< 2	< 5	5	35	0.15	< 10	< 10	57	5	169
FT88 S-130	201	238	186	< 1	0.02	18	240	< 2	< 5	3	25	0.14	< 10	< 10	49	< 5	66
FT88 S-131	201	238	273	< 1	0.02	22	370	< 2	< 5	3	37	0.15	< 10	< 10	54	< 5	63
FT88 S-132	201	238	241	< 1	0.02	20	210	6	< 5	3	41	0.17	< 10	< 10	44	< 5	65
FT88 S-133	201	238	240	< 1	0.01	25	530	< 2	< 5	2	36	0.13	< 10	< 10	48	< 5	72
FT88 S-134	201	238	296	< 1	0.02	23	290	4	< 5	5	97	0.11	< 10	< 10	55	5	69
FT88 S-135	201	238	501	1	0.02	22	300	2	< 5	4	38	0.10	< 10	< 10	57	< 5	59
FT88 S-136	201	238	267	< 1	0.02	18	170	2	< 5	3	60	0.12	< 10	< 10	45	< 5	47
FT88 S-137	201	238	349	< 1	0.01	22	310	2	< 5	3	52	0.13	< 10	< 10	58	< 5	60
FT88 S-138	201	238	320	< 1	0.01	27	300	4	< 5	3	52	0.15	< 10	< 10	61	< 5	56
FT88 S-139	201	238	486	< 1	0.01	28	380	< 2	< 5	3	44	0.14	< 10	< 10	61	< 5	61
FT88 S-140	201	238	230	1	0.02	37	590	2	< 5	3	35	0.12	< 10	< 10	63	< 5	93
FT88 S-141	201	238	252	< 1	0.01	35	570	8	< 5	3	34	0.11	< 10	< 10	57	< 5	88
FT88 S-142	201	238	341	< 1	0.01	32	530	2	< 5	3	34	0.12	< 10	< 10	58	< 5	89
FT88 S-143	201	238	446	< 1	0.02	28	350	6	< 5	3	43	0.15	< 10	< 10	63	< 5	84
FT88 S-144	201	238	432	< 1	0.02	26	350	6	< 5	3	43	0.15	< 10	< 10	62	< 5	83
FT88 S-145	201	238	361	< 1	0.01	27	330	8	< 5	3	55	0.15	< 10	< 10	61	< 5	80
FT88 S-151	201	238	296	< 1	0.02	18	160	< 2	< 5	3	43	0.17	< 10	< 10	59	< 5	51
FT88 S-152	201	238	232	< 1	0.02	13	170	< 2	< 5	3	47	0.17	< 10	< 10	54	< 5	44
FT88 S-153	201	238	188	< 1	0.02	16	310	6	5	4	52	0.16	< 10	< 10	56	< 5	57
FT88 S-154	201	238	129	< 1	0.01	12	220	4	< 5	2	41	0.08	< 10	< 10	45	< 5	61
FT88 S-155	201	238	161	< 1	0.02	12	300	4	< 5	3	64	0.15	< 10	< 10	49	< 5	39
FT88 S-156	201	238	153	< 1	0.02	10	140	4	< 5	3	75	0.15	< 10	< 10	42	< 5	41

CERTIFICATION : B. Coughlin





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 212 BROOKSBANK AVE., NORTH VANCOUVER,  
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718 - 744 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6C 1A5

Project: 242  
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SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
FT88 S-157	201 238	137	< 1	0.02	10	310	2	< 5	2	58	0.14	< 10	< 10	42	< 5	35
FT88 S-158	201 238	157	< 1	0.02	12	280	4	< 5	3	61	0.07	< 10	< 10	43	< 5	52
FT88 S-159	201 238	555	< 1	0.02	11	480	4	< 5	2	44	0.09	< 10	< 10	52	< 5	69
FT88 S-160	201 238	243	< 1	0.02	18	350	4	< 5	4	75	0.16	< 10	< 10	64	< 5	51
FT88 S-161	201 238	220	< 1	0.03	19	330	< 2	< 5	4	89	0.17	< 10	< 10	70	< 5	48
FT88 S-162	201 238	181	< 1	0.03	19	240	< 2	< 5	4	61	0.12	< 10	< 10	55	< 5	64
FT88 S-163	201 238	280	< 1	0.03	25	660	6	< 5	5	102	0.14	< 10	< 10	71	5	52
FT88 S-164	201 238	401	< 1	0.03	19	430	< 2	< 5	5	71	0.14	< 10	< 10	60	< 5	65
FT88 S-165	201 238	191	< 1	0.03	14	490	< 2	< 5	4	96	0.17	< 10	< 10	61	< 5	40
FT88 S-166	201 238	193	< 1	0.02	16	470	4	< 5	3	80	0.16	< 10	< 10	60	< 5	43
FT88 S-167	201 238	216	< 1	0.03	18	330	4	< 5	4	89	0.19	< 10	< 10	67	5	50
FT88 S-168	201 238	231	< 1	0.02	35	640	8	< 5	4	54	0.15	< 10	< 10	67	< 5	54
FT88 S-169	201 238	254	< 1	0.02	29	310	8	< 5	4	74	0.17	< 10	< 10	64	< 5	54
FT88 S-170	201 238	216	< 1	0.03	24	350	6	< 5	4	67	0.17	< 10	< 10	60	< 5	49
FT88 S-171	201 238	369	< 1	0.02	39	450	4	< 5	5	61	0.20	< 10	< 10	79	< 5	62
FT88 S-172	201 238	257	< 1	0.02	30	490	< 2	< 5	5	71	0.19	< 10	< 10	69	< 5	59
FT88 S-173	201 238	293	< 1	0.02	72	970	2	< 5	5	57	0.17	< 10	< 10	89	< 5	71
FT88 S-174	201 238	287	< 1	0.02	60	800	< 2	< 5	4	51	0.17	< 10	< 10	75	< 5	87
FT88 S-175	201 238	299	< 1	0.02	62	910	< 2	< 5	4	49	0.16	< 10	< 10	79	< 5	65
FT88 S-176	201 238	273	1	0.03	32	580	6	< 5	4	79	0.16	< 10	< 10	69	< 5	63
FT88 S-177	201 238	311	< 1	0.03	41	370	4	< 5	8	166	0.20	< 10	< 10	78	< 5	67
FT88 S-178	201 238	285	< 1	0.03	21	320	6	< 5	4	125	0.11	< 10	< 10	63	< 5	63
FT88 S-179	217 238	1250	< 1	0.03	50	680	50	< 5	14	99	0.03	< 10	< 10	69	< 5	130
FT88 S-180	201 238	147	< 1	0.03	10	150	2	< 5	3	41	0.10	< 10	< 10	46	< 5	37
FT88 S-181	201 238	172	< 1	0.02	14	210	< 2	< 5	3	52	0.12	< 10	< 10	49	< 5	44
FT88 S-182	201 238	277	< 1	0.02	22	500	4	< 5	4	59	0.15	< 10	< 10	73	< 5	63
FT88 S-183	201 238	196	< 1	0.02	17	200	2	< 5	3	59	0.14	< 10	< 10	54	< 5	49
FT88 S-184	201 238	190	< 1	0.02	18	320	8	< 5	3	50	0.13	< 10	< 10	52	< 5	78
FT88 S-185	201 238	284	< 1	0.02	18	280	4	< 5	4	74	0.15	< 10	< 10	69	< 5	55
FT88 S-186	201 238	210	< 1	0.03	23	390	2	5	4	81	0.17	< 10	< 10	72	< 5	52
FT88 S-187	201 238	269	< 1	0.03	21	360	2	< 5	5	98	0.18	< 10	< 10	85	< 5	56
FT88 S-188	201 238	244	< 1	0.03	20	170	2	< 5	4	85	0.18	< 10	< 10	60	< 5	67
FT88 S-189	201 238	293	< 1	0.03	18	230	2	< 5	4	73	0.16	< 10	< 10	62	< 5	55
FT88 S-190	201 238	276	< 1	0.03	23	250	4	< 5	7	119	0.16	< 10	< 10	67	< 5	57
FT88 S-191	201 238	247	< 1	0.03	13	190	2	< 5	5	93	0.19	< 10	< 10	69	< 5	55
FT88 S-192	203 238	384	< 1	0.04	23	520	< 2	< 5	7	119	0.17	< 10	< 10	64	< 5	60
FT88 S-193	201 238	279	< 1	0.03	18	300	< 2	< 5	5	116	0.20	< 10	< 10	61	< 5	57
FT88 S-194	201 238	203	< 1	0.03	16	180	< 2	< 5	4	92	0.16	< 10	< 10	57	< 5	50
FT88 S-195	201 238	241	< 1	0.10	23	420	80	< 5	5	50	0.09	< 10	< 10	59	< 5	81
FT88 S-196	201 238	316	< 1	0.03	20	270	< 2	< 5	5	61	0.15	< 10	< 10	64	< 5	59

CERTIFICATION :





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 1A5

Project: 242

Comments:

Page No.: 6-A  
Tot. Pages: 6  
Date: 26-OCT-88  
Invoice #: I-8825774  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825774

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Hg ppb	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 %
	FA+AA																				
FT88 S-197	201	238	< 5	30	1.45	0.2	< 5	90	< 0.5	< 2	0.56	< 0.5	11	31	11	2.30	< 10	< 1	0.06	10	0.50
FT88 S-198	201	238	< 5	80	2.74	0.2	< 5	190	< 0.5	< 2	0.56	< 0.5	15	39	16	3.08	< 10	< 1	0.10	10	0.63
FT88 S-199	201	238	< 5	30	2.39	0.2	< 5	140	< 0.5	< 2	0.36	< 0.5	13	29	9	2.49	< 10	< 1	0.07	< 10	0.47
FT88 S-200	203	238	< 5	50	3.68	0.4	10	130	0.5	< 2	0.96	< 0.5	17	58	30	3.57	< 10	1	0.14	20	0.87
FT88 S-201	201	238	< 5	20	1.51	< 0.2	< 5	60	< 0.5	< 2	0.35	< 0.5	9	14	11	1.98	< 10	< 1	0.06	< 10	0.35
FT88 S-202	201	238	< 5	30	2.35	< 0.2	10	180	< 0.5	< 2	0.56	< 0.5	13	34	10	2.77	< 10	< 1	0.09	10	0.57
FT88 S-203	201	238	< 5	70	1.70	< 0.2	< 5	170	0.5	2	0.68	< 0.5	13	41	17	2.78	< 10	< 1	0.05	10	0.56
FT88 S-204	201	238	< 5	30	2.00	< 0.2	< 5	110	< 0.5	< 2	0.42	< 0.5	13	26	9	2.42	< 10	< 1	0.04	10	0.40
FT88 S-205	201	238	< 5	30	2.88	0.2	< 5	130	< 0.5	< 2	0.50	< 0.5	15	33	12	2.67	< 10	< 1	0.05	10	0.47
FT88 S-206	201	238	< 5	20	2.99	< 0.2	5	80	0.5	< 2	0.59	< 0.5	17	35	14	2.90	< 10	2	0.03	10	0.78
FT88 S-207	201	238	< 5	30	3.01	< 0.2	< 5	80	0.5	2	0.88	< 0.5	18	39	14	3.02	10	1	0.08	10	0.72
FT88 S-208	201	238	< 5	30	1.69	0.2	< 5	140	0.5	< 2	0.54	< 0.5	8	27	10	2.00	< 10	< 1	0.06	10	0.51
FT88 S-209	201	238	< 5	20	3.16	< 0.2	< 5	90	0.5	< 2	1.04	< 0.5	18	8	20	3.41	< 10	1	0.08	10	0.61
FT88 S-210	201	238	< 5	20	3.22	< 0.2	5	40	0.5	< 2	0.68	< 0.5	14	42	17	3.06	< 10	< 1	0.06	10	0.92
FT88 S-211	201	238	< 5	20	2.56	< 0.2	< 5	140	0.5	< 2	0.82	< 0.5	12	27	10	2.34	< 10	< 1	0.13	10	0.52
FT88 S-212	201	238	< 5	30	2.10	< 0.2	5	130	< 0.5	< 2	0.39	< 0.5	13	27	10	2.53	< 10	< 1	0.04	10	0.45
FT88 S-213	201	238	< 5	30	2.06	< 0.2	10	140	0.5	2	0.67	< 0.5	16	38	21	2.95	< 10	< 1	0.15	10	0.57
FT88 S-214	201	238	< 5	20	1.68	< 0.2	< 5	100	< 0.5	< 2	0.43	< 0.5	8	24	9	2.15	< 10	< 1	0.06	10	0.34
FT88 S-215	201	238	< 5	20	1.72	< 0.2	10	120	0.5	2	0.40	< 0.5	11	28	12	2.54	< 10	< 1	0.05	10	0.41
FT88 S-216	201	238	< 5	20	1.51	< 0.2	< 5	130	< 0.5	2	0.42	< 0.5	8	24	8	1.87	< 10	< 1	0.04	10	0.38
FT88 S-217	201	238	< 5	30	1.66	< 0.2	10	150	0.5	< 2	0.54	< 0.5	12	34	13	2.82	< 10	< 1	0.08	10	0.43
FT88 S-218	201	238	< 5	60	1.68	< 0.2	< 5	140	< 0.5	< 2	0.51	< 0.5	13	29	13	2.55	< 10	< 1	0.06	10	0.41

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
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V6C 1A5

Project : 242

Comments:

Page No. : 6-B

Tot. Pages: 6

Date : 26-OCT-88

Invoice # : I-8825774

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825774

SAMPLE DESCRIPTION	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
FT88 S-197	201	238	264	< 1	0.03	20	230	2	< 5	5	87	0.21	< 10	< 10	70	5	53
FT88 S-198	201	238	371	< 1	0.03	35	440	< 2	< 5	6	107	0.13	< 10	< 10	81	5	76
FT88 S-199	201	238	224	< 1	0.02	25	1290	< 2	< 5	4	66	0.11	< 10	< 10	64	< 5	96
FT88 S-200	203	238	793	< 1	0.05	45	370	22	5	10	110	0.11	< 10	< 10	69	5	115
FT88 S-201	201	238	220	< 1	0.04	10	240	< 2	< 5	3	62	0.12	< 10	< 10	50	< 5	61
FT88 S-202	201	238	318	< 1	0.02	32	760	2	5	4	86	0.13	< 10	< 10	73	5	85
FT88 S-203	201	238	264	< 1	0.03	36	320	< 2	< 5	6	161	0.15	< 10	< 10	84	5	67
FT88 S-204	201	238	250	< 1	0.02	22	400	< 2	< 5	4	66	0.14	< 10	< 10	68	< 5	71
FT88 S-205	201	238	284	< 1	0.02	22	420	6	< 5	4	78	0.16	< 10	< 10	72	< 5	58
FT88 S-206	201	238	616	< 1	0.03	31	280	6	5	6	65	0.19	< 10	< 10	78	< 5	83
FT88 S-207	201	238	828	< 1	0.03	39	580	< 2	< 5	7	58	0.18	< 10	< 10	84	< 5	103
FT88 S-208	201	238	200	< 1	0.03	18	190	10	< 5	5	151	0.17	< 10	< 10	56	< 5	49
FT88 S-209	201	238	314	< 1	0.04	13	610	8	5	6	115	0.21	< 10	< 10	107	5	72
FT88 S-210	201	238	331	< 1	0.03	35	310	4	< 5	8	80	0.19	< 10	< 10	80	< 5	79
FT88 S-211	201	238	272	< 1	0.03	20	270	6	< 5	4	107	0.14	< 10	< 10	62	< 5	62
FT88 S-212	201	238	317	< 1	0.03	21	490	< 2	< 5	5	73	0.15	< 10	< 10	75	< 5	85
FT88 S-213	201	238	459	< 1	0.03	27	320	2	< 5	8	138	0.21	< 10	< 10	86	< 5	56
FT88 S-214	201	238	204	< 1	0.03	17	560	16	< 5	4	66	0.16	< 10	< 10	64	< 5	60
FT88 S-215	201	238	264	< 1	0.03	18	320	4	< 5	4	91	0.17	< 10	< 10	79	< 5	62
FT88 S-216	201	238	195	< 1	0.03	14	210	6	< 5	4	91	0.17	< 10	< 10	53	< 5	52
FT88 S-217	201	238	414	< 1	0.03	19	430	2	< 5	5	129	0.18	< 10	< 10	94	< 5	64
FT88 S-218	201	238	266	< 1	0.02	19	520	10	< 5	4	113	0.15	< 10	< 10	80	< 5	53

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 1A5

A8825775

Comments:

## CERTIFICATE A8825775

ASHWORTH EXPLORATIONS LTD.

PROJECT : 242

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 25-OCT-88.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	44	Dry, sieve -80 mesh; soil, sed.
203	2	Dry, sieve -35 mesh and ring
238	46	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	46	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
20	46	Hg ppb: HNO <sub>3</sub> -HCl digestion	AAS-FLAMELESS	10	100000
921	46	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	46	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	46	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	46	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	46	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	46	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	46	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	46	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	46	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	46	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	46	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	46	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	46	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	46	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	46	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	46	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	46	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	46	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	46	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	46	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	46	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	46	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	46	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	46	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	46	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	46	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	46	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	46	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	46	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	46	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	46	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	46	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000



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To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6C 1A5

Project: 242  
 Comments:

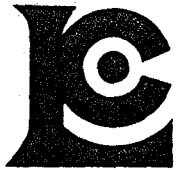
Page No. : 1-A  
 Tot. Pages: 2  
 Date : 25-OCT-88  
 Invoice #: I-8825775  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825775

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Hg ppb	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 %
			FA+AA																		
FT88 T-01	201	238	< 5	80	2.71	< 0.2	10	230	< 0.5	< 2	1.26	< 0.5	20	54	22	3.58	10	< 1	0.09	30	0.67
FT88 T-02	201	238	< 5	40	2.34	< 0.2	5	150	< 0.5	< 2	1.03	< 0.5	14	44	23	3.33	10	< 1	0.11	10	1.03
FT88 T-03	201	238	< 5	40	2.18	< 0.2	15	140	< 0.5	2	1.06	< 0.5	14	41	24	3.13	10	< 1	0.10	20	0.98
FT88 T-04	201	238	< 5	40	2.44	< 0.2	30	180	< 0.5	< 2	1.01	< 0.5	16	41	29	3.07	10	< 1	0.08	20	1.04
FT88 T-05	201	238	< 5	40	2.05	< 0.2	15	130	< 0.5	< 2	0.57	< 0.5	10	33	17	2.55	< 10	< 1	0.10	20	0.49
FT88 T-06	203	238	< 5	70	3.38	< 0.2	< 5	140	< 0.5	< 2	0.67	< 0.5	20	50	24	3.91	10	< 1	0.11	20	0.69
FT88 T-07	203	238	< 5	150	3.68	< 0.2	15	160	< 0.5	< 2	1.05	< 0.5	23	49	30	3.70	10	< 1	0.13	30	0.76
FT88 T-08	201	238	< 5	110	4.96	< 0.2	15	160	0.5	2	0.87	< 0.5	11	54	42	3.41	10	1	0.12	30	0.74
FT88 T-09	201	238	< 5	110	3.75	< 0.2	10	140	0.5	< 2	1.26	< 0.5	12	47	40	3.22	10	< 1	0.13	40	0.85
FT88 T-10	201	238	< 5	140	5.22	0.2	15	170	< 0.5	< 2	1.12	< 0.5	13	57	32	3.73	10	< 1	0.15	20	0.96
FT88 T-11	201	238	< 5	120	3.37	< 0.2	10	150	< 0.5	< 2	1.05	< 0.5	19	47	25	3.59	10	< 1	0.12	20	0.74
FT88 T-12	201	238	45	120	3.05	< 0.2	5	170	< 0.5	< 2	1.08	< 0.5	15	47	32	3.32	10	< 1	0.12	20	0.81
FT88 T-13	201	238	< 5	90	2.57	0.2	10	170	< 0.5	< 2	0.91	< 0.5	15	47	23	3.03	10	< 1	0.11	20	0.79
FT88 T-14	201	238	< 5	80	2.56	< 0.2	< 5	150	< 0.5	< 2	0.97	< 0.5	12	46	21	2.94	10	1	0.10	20	0.77
FT88 T-15	201	238	< 5	90	2.74	0.2	5	150	< 0.5	< 2	1.01	< 0.5	14	49	23	3.12	10	< 1	0.13	20	0.76
FT88 T-16	201	238	< 5	70	2.36	0.2	< 5	140	< 0.5	< 2	0.98	< 0.5	13	47	16	2.98	10	< 1	0.08	20	0.67
FT88 T-17	201	238	< 5	70	2.43	0.2	< 5	150	< 0.5	4	1.05	< 0.5	15	49	18	3.23	10	< 1	0.09	20	0.73
FT88 T-18	201	238	< 5	360	2.24	< 0.2	15	130	< 0.5	< 2	0.94	< 0.5	13	49	20	3.15	10	1	0.09	20	0.73
FT88 T-19	201	238	< 10	110	2.97	0.2	10	150	< 0.5	2	1.10	< 0.5	14	53	35	3.03	10	< 1	0.09	20	0.70
FT88 T-20	201	238	< 5	40	2.45	0.2	15	140	< 0.5	< 2	1.04	< 0.5	15	39	22	3.40	10	< 1	0.10	10	1.01
FT88 T-21	201	238	< 5	40	2.56	< 0.2	< 5	150	< 0.5	< 2	1.06	< 0.5	16	43	24	3.09	10	< 1	0.09	10	1.01
FT88 T-22	201	238	< 5	40	2.63	< 0.2	5	160	< 0.5	< 2	1.18	< 0.5	16	42	25	3.62	10	1	0.09	20	1.07
FT88 T-23	201	238	< 5	100	3.82	< 0.2	40	150	< 0.5	< 2	1.62	< 0.5	18	36	44	3.98	10	< 1	0.08	10	1.40
FT88 T-24	201	238	< 5	50	3.78	< 0.2	5	150	< 0.5	< 2	1.59	< 0.5	18	36	45	3.92	10	< 1	0.08	10	1.34
FT88 T-25	201	238	10	50	3.68	< 0.2	10	150	< 0.5	< 2	1.53	< 0.5	19	45	41	4.16	10	< 1	0.08	10	1.34
FT88 T-26	201	238	10	180	4.48	0.2	20	160	< 0.5	< 2	1.34	< 0.5	12	62	47	3.17	10	< 1	0.15	20	0.81
FT88 T-27	201	238	< 5	140	2.60	< 0.2	10	150	< 0.5	< 2	1.63	< 0.5	14	44	35	3.28	< 10	< 1	0.11	10	0.64
FT88 T-28	201	238	< 10	180	2.11	< 0.2	5	120	< 0.5	< 2	1.75	< 0.5	8	45	37	2.13	< 10	< 1	0.08	10	0.56
FT88 T-31	201	238	< 20	80	1.65	< 0.2	< 5	60	0.5	4	1.46	< 0.5	5	53	55	1.44	< 10	< 1	0.17	20	0.51
FT88 T-32	201	238	< 20	100	0.31	< 0.2	< 5	40	< 0.5	2	2.83	< 0.5	2	6	23	0.78	< 10	< 1	0.03	< 10	0.42
FT88 T-34	201	238	< 10	200	2.91	< 0.2	25	190	< 0.5	< 2	1.29	< 0.5	32	51	44	6.29	10	< 1	0.05	40	0.48
FT88 T-37	201	238	< 10	170	1.76	< 0.2	< 5	190	< 0.5	< 2	0.96	< 0.5	13	41	56	2.20	< 10	1	0.03	20	0.53
FT88 T-38	201	238	< 5	310	2.02	< 0.2	< 5	150	< 0.5	< 2	0.64	< 0.5	7	32	19	2.30	10	< 1	0.06	10	0.67
FT88 T-39	201	238	< 5	130	4.57	0.2	10	140	< 0.5	< 2	1.34	< 0.5	18	49	36	5.62	10	2	0.10	30	0.81
FT88 T-40	201	238	< 5	90	2.94	< 0.2	5	140	< 0.5	< 2	0.96	< 0.5	14	47	28	3.18	10	< 1	0.10	20	0.85
FT88 T-41	201	238	< 5	380	2.38	0.2	< 5	140	< 0.5	2	0.98	0.5	12	39	24	2.90	10	< 1	0.09	20	0.83
FT88 T-42	201	238	< 5	90	2.32	< 0.2	< 5	160	< 0.5	< 2	1.13	< 0.5	14	43	22	3.09	10	< 1	0.08	20	0.78
FT88 T-43	201	238	< 5	90	2.48	< 0.2	5	140	< 0.5	< 2	1.00	< 0.5	14	45	25	3.05	10	< 1	0.11	20	0.79
FT88 T-44	201	238	< 5	80	2.34	< 0.2	10	140	< 0.5	< 2	1.18	< 0.5	12	42	23	2.86	10	< 1	0.10	20	0.78
FT88 T-45	201	238	< 5	80	2.57	< 0.2	< 5	160	< 0.5	< 2	1.15	< 0.5	14	48	27	3.32	10	< 1	0.12	20	1.02

CERTIFICATION:

*B. Coughlin*



# Chemex Labs Ltd.

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

To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6C 1A5

Project: 242  
 Comments:

Page No.: 1-B  
 Tot. Pages: 2  
 Date: 25-OCT-88  
 Invoice #: I-8825775  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825775

SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
FT88 T-01	201 238	3500	< 1	0.03	44	1260	< 2	< 5	7	141	0.11	< 10	< 10	58	< 5	106
FT88 T-02	201 238	576	< 1	0.06	33	570	8	< 5	8	188	0.14	< 10	< 10	91	< 5	65
FT88 T-03	201 238	729	< 1	0.06	29	640	6	< 5	7	174	0.11	< 10	< 10	83	< 5	62
FT88 T-04	201 238	621	< 1	0.07	36	430	< 2	< 5	8	217	0.12	< 10	< 10	81	< 5	57
FT88 T-05	201 238	979	< 1	0.02	28	620	10	< 5	4	84	0.09	< 10	< 10	62	< 5	73
FT88 T-06	203 238	643	< 1	0.02	41	720	2	< 5	11	93	0.07	< 10	< 10	81	< 5	83
FT88 T-07	203 238	1770	< 1	0.02	53	1190	2	< 5	10	112	0.04	< 10	< 10	55	< 5	104
FT88 T-08	201 238	324	< 1	0.02	55	1060	< 2	< 5	12	98	0.03	< 10	< 10	47	< 5	92
FT88 T-09	201 238	422	< 1	0.02	43	810	< 2	< 5	11	146	0.05	< 10	< 10	56	< 5	95
FT88 T-10	201 238	446	< 1	0.02	53	1100	< 2	< 5	12	136	0.05	< 10	< 10	58	< 5	116
FT88 T-11	201 238	1635	< 1	0.03	44	900	4	< 5	9	146	0.09	< 10	< 10	70	< 5	100
FT88 T-12	201 238	866	< 1	0.03	42	760	4	< 5	9	129	0.10	< 10	< 10	77	< 5	87
FT88 T-13	201 238	760	< 1	0.03	44	690	< 2	< 5	8	132	0.13	< 10	< 10	64	< 5	84
FT88 T-14	201 238	592	< 1	0.03	39	710	4	< 5	8	134	0.14	< 10	< 10	63	< 5	83
FT88 T-15	201 238	626	< 1	0.03	37	670	6	< 5	8	132	0.14	< 10	< 10	67	< 5	89
FT88 T-16	201 238	902	< 1	0.03	36	740	< 2	< 5	7	125	0.14	< 10	< 10	61	< 5	81
FT88 T-17	201 238	1260	< 1	0.03	39	810	< 2	< 5	7	131	0.13	< 10	< 10	63	< 5	90
FT88 T-18	201 238	766	< 1	0.03	37	680	< 2	< 5	7	120	0.15	< 10	< 10	74	< 5	80
FT88 T-19	201 238	1045	< 1	0.03	51	1010	< 2	< 5	8	108	0.08	< 10	< 10	55	< 5	133
FT88 T-20	201 238	543	< 1	0.07	27	650	6	5	8	196	0.14	< 10	< 10	88	< 5	63
FT88 T-21	201 238	605	< 1	0.07	28	590	14	5	8	201	0.16	< 10	< 10	89	< 5	64
FT88 T-22	201 238	756	< 1	0.08	30	730	12	< 5	8	212	0.15	< 10	< 10	90	< 5	67
FT88 T-23	201 238	516	< 1	0.13	25	580	14	< 5	11	330	0.17	< 10	< 10	132	< 5	79
FT88 T-24	201 238	507	< 1	0.11	23	650	2	< 5	11	329	0.16	< 10	< 10	131	< 5	81
FT88 T-25	201 238	505	< 1	0.11	24	600	< 2	< 5	11	322	0.19	< 10	< 10	146	< 5	83
FT88 T-26	201 238	245	< 1	0.02	50	830	4	< 5	11	130	0.06	< 10	< 10	42	< 5	107
FT88 T-27	201 238	872	< 1	0.02	53	1540	8	< 5	7	141	0.05	< 10	< 10	47	< 5	108
FT88 T-28	201 238	219	< 1	0.03	46	980	4	< 5	6	147	0.04	< 10	< 10	32	< 5	97
FT88 T-31	201 238	628	< 1	0.02	44	2450	8	< 5	3	104	0.01	< 10	< 10	50	< 5	127
FT88 T-32	201 238	170	< 1	0.03	18	1400	12	5	< 1	180	< 0.01	< 10	< 10	44	< 5	101
FT88 T-34	201 238	2470	< 1	0.02	56	1770	< 2	< 5	9	117	0.03	< 10	< 10	145	< 5	120
FT88 T-37	201 238	2160	< 1	0.03	57	1480	< 2	< 5	7	77	0.07	< 10	< 10	78	< 5	58
FT88 T-38	201 238	268	< 1	0.03	21	310	2	< 5	7	135	0.15	< 10	< 10	59	< 5	60
FT88 T-39	201 238	957	< 1	0.04	41	1060	< 2	< 5	12	141	0.04	< 10	< 10	107	< 5	90
FT88 T-40	201 238	650	< 1	0.03	36	650	< 2	< 5	8	122	0.10	< 10	< 10	67	< 5	82
FT88 T-41	201 238	405	< 1	0.04	35	590	2	< 5	8	123	0.14	< 10	< 10	61	< 5	80
FT88 T-42	201 238	1165	< 1	0.04	41	720	< 2	5	7	121	0.11	< 10	< 10	69	< 5	84
FT88 T-43	201 238	709	< 1	0.04	46	630	< 2	< 5	8	126	0.11	< 10	< 10	71	< 5	77
FT88 T-44	201 238	575	< 1	0.04	37	610	< 2	< 5	7	135	0.11	< 10	< 10	67	< 5	82
FT88 T-45	201 238	474	< 1	0.05	40	620	8	< 5	8	153	0.11	< 10	< 10	74	< 5	84

CERTIFICATION :

*B. Coughlin*



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To: ASHWORTH EXPLORATIONS LTD.

718 - 744 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 1A5

Project: 242

Comments:

Page No. : 2-A

Tot. Pages: 2

Date : 25-OCT-88

Invoice #: I-8825775

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825775

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	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 %
FT88 T-46	201 238	< 5	90	2.54	0.2	10	140	< 0.5	4	1.27	< 0.5	13	38	30	2.85	10	1	0.08	20	0.69
FT88 T-47	201 238	< 5	80	2.29	< 0.2	5	170	< 0.5	< 2	1.33	< 0.5	15	40	34	2.57	10	< 1	0.07	20	0.63
FT88 T-51	201 238	< 5	70	2.80	< 0.2	10	120	< 0.5	< 2	0.75	< 0.5	17	39	21	3.18	10	2	0.09	10	0.66
FT88 T-52	201 238	< 5	40	4.09	< 0.2	< 5	140	< 0.5	< 2	1.76	< 0.5	19	32	48	3.99	10	< 1	0.09	10	1.51
FT88 T-53	201 238	< 5	40	3.13	< 0.2	20	140	< 0.5	< 2	1.34	< 0.5	17	38	32	3.56	10	< 1	0.09	10	1.20
FT88 T-54	201 238	< 5	80	3.39	< 0.2	< 5	170	< 0.5	< 2	1.37	< 0.5	18	35	33	3.41	10	< 1	0.11	10	1.25

CERTIFICATION :



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P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825775

SAMPLE DESCRIPTION	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
FT88 T-46	201	238	1155	< 1	0.05	42	890	< 2	< 5	7	123	0.10	< 10	< 10	65	< 5	82
FT88 T-47	201	238	2080	< 1	0.04	53	1090	< 2	< 5	7	105	0.10	< 10	< 10	65	< 5	76
FT88 T-51	201	238	677	< 1	0.02	29	590	< 2	< 5	7	88	0.12	< 10	< 10	74	< 5	67
FT88 T-52	201	238	561	< 1	0.17	23	590	< 2	< 5	11	339	0.18	< 10	< 10	133	< 5	78
FT88 T-53	201	238	557	< 1	0.10	25	620	< 2	< 5	9	264	0.16	< 10	< 10	110	< 5	69
FT88 T-54	201	238	532	< 1	0.11	27	560	< 2	< 5	10	301	0.14	< 10	< 10	97	< 5	71

CERTIFICATION :

**APPENDIX B**  
**ANALYTICAL TECHNIQUES**



32 ELEMENT GEOCHEMISTRY PACKAGE - ICP-AES

Prepared sample (0.5g) is digested with concentrated nitric-aqua regia acid at medium heat for approximately 2 hours. The acid solution is diluted to 25 ml with demineralized water, mixed and analyzed on a Jarrell-Ash 1100 Plasma unit after calibration with proper standards.

Results are corrected for spectral interelement interferences.

*Al	0.01 %	*Cr	1 ppm	Mn	1 ppm	*Na	0.01 %
Sb	5 ppm	Co	1 ppm	Hg	1 ppm	*Sr	1 ppm
As	5 ppm	Cu	1 ppm	Mo	1 ppm	*Tl	10 ppm
*Ba	10 ppm	Fe	0.01 %	Ni	1 ppm	*Ti	0.01 %
*Be	0.5 ppm	*Ga	10 ppm	P	10 ppm	*W	10 ppm
Bi	2 ppm	*La	10 ppm	*K	0.01 %	U	10 ppm
Cd	0.5 ppm	Pb	2 ppm	Se	10 ppm	V	1 ppm
*Ca	0.01 %	*Mg	0.01 %	Ag	0.2 ppm	Zn	2 ppm

\*Elements for which the digestion is possibly incomplete.

Gold FA-AA ppb:

A 10 gram sample is fused with a basic litharge flux inquarted with 10 mg of Au-free silver and then cupelled.

Beads for AA finish are digested for 1/2 hour in 1 ml HNO<sub>3</sub>, then 3 ml HCl are added and digested for 1 hour. The samples are cooled and made to a volume of 10 ml, homogenized and run on the AAS with background correction.

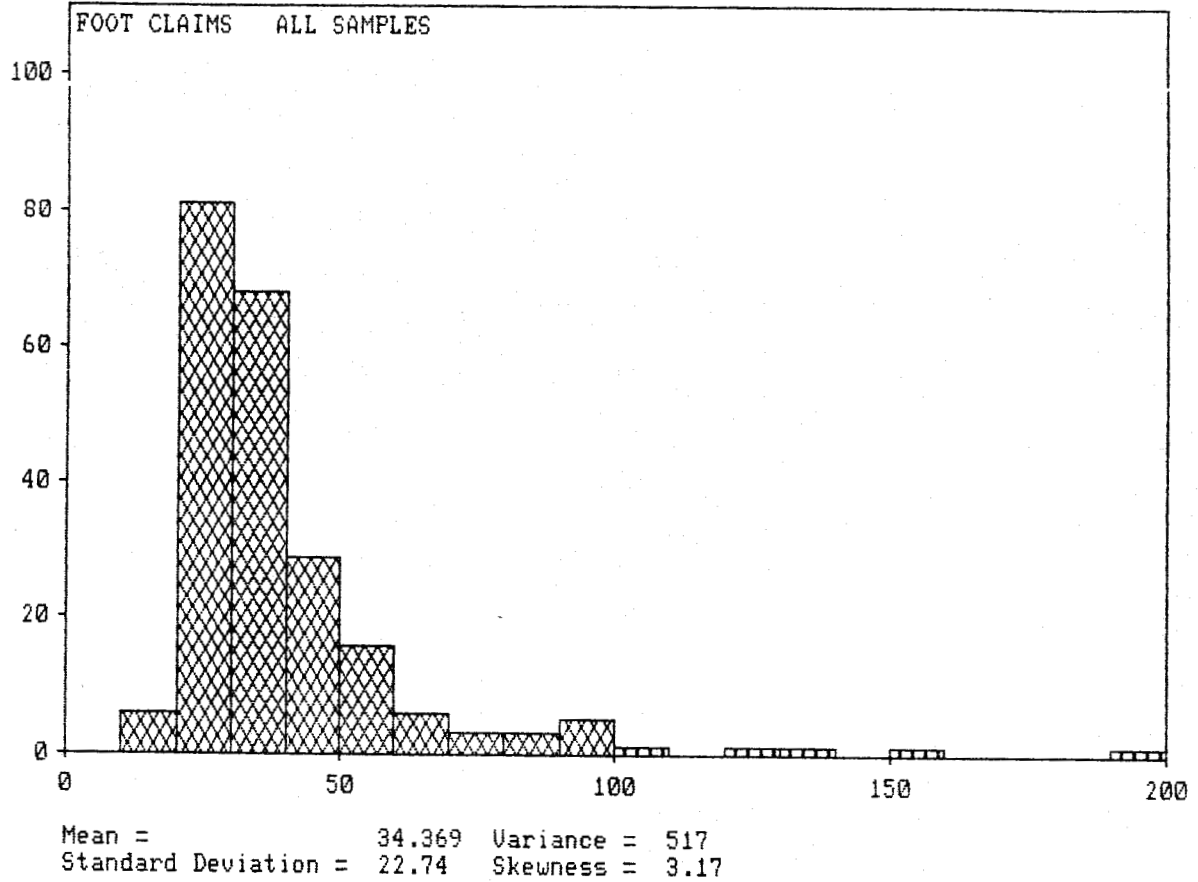
Mercury ppb:

A 1 gm sample is digested with nitric acid plus a small amount of hydrochloric acid. Following digestion the resulting clear solution is transferred to a reaction flask connected to a closed system absorption cell. Stannous sulfate is rapidly added to reduce mercury to its elemental state. The mercury is then flushed out of the reaction vessel into the absorption cell where it is measured by cold vapour atomic absorption methods with a Varian Spectrophotometer. The absorbance of samples is compared with the absorbance of freshly - prepared mercury standard solutions carried through the same procedure.

Detection limit: 5 ppm

APPENDIX C  
STATISTICAL ANALYSIS BY  
TONY CLARK CONSULTING SERVICES

Histogram for Hg\_ppb



Histogram for Hg\_ppb

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	10	0	0	0	0
10	20	6	3	6	3
20	30	81	36	87	39
30	40	68	31	155	70
40	50	29	13	184	83
50	60	16	7	200	90
60	70	6	3	206	93
70	80	3	1	209	94
80	90	3	1	212	95
90	100	5	2	217	98
100	110	1	0	218	98
110	120	0	0	218	98
120	130	1	0	219	99
130	140	1	0	220	99
140	150	0	0	220	99
150	160	1	0	221	100
160	170	0	0	221	100
170	180	0	0	221	100
180	190	0	0	221	100
190	200	1	0	222	100

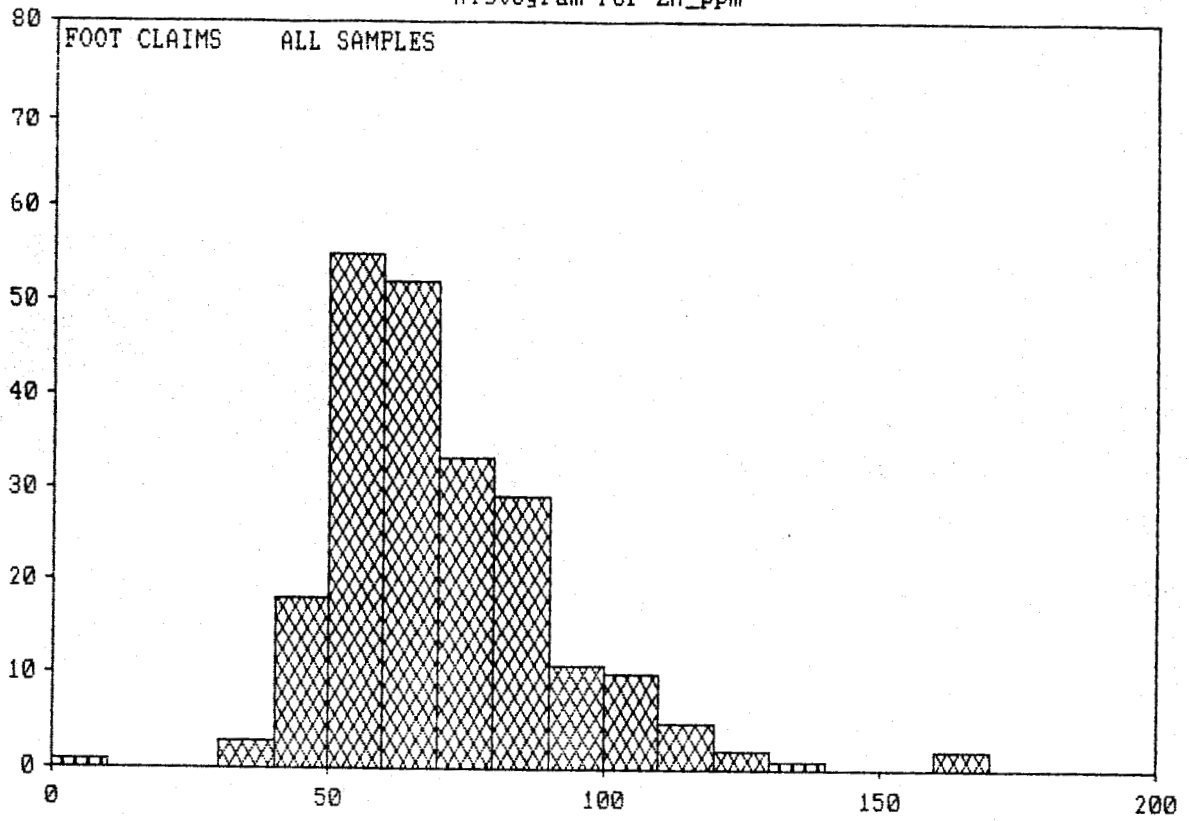
Mean

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 34.36937  
 Variance 517.0212  
 Standard Deviation 22.7381  
 Skewness 3.169741

Histogram for Zn\_ppm



Mean = 69.937 Variance = 435.6  
Standard Deviation = 20.87 Skewness = 1.258

Histogram for Zn\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	10	1	0	1	0
10	20	0	0	1	0
20	30	0	0	1	0
30	40	3	1	4	2
40	50	18	8	22	10
50	60	55	25	77	35
60	70	52	23	129	58
70	80	33	15	162	73
80	90	29	13	191	86
90	100	11	5	202	91
100	110	10	5	212	95
110	120	5	2	217	98
120	130	2	1	219	99
130	140	1	0	220	99
140	150	0	0	220	99
150	160	0	0	220	99
160	170	2	1	222	100
170	180	0	0	222	100
180	190	0	0	222	100
190	200	0	0	222	100

Mean

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 69.93694  
 Variance 435.5618  
 Standard Deviation 20.87012  
 Skewness 1.257783



Histogram for Au\_ppb

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	2	219	99	219	99	Mean
2	4	0	0	219	99	
4	6	0	0	219	99	
6	8	0	0	219	99	
8	10	0	0	219	99	
10	12	0	0	219	99	
12	14	0	0	219	99	
14	16	0	0	219	99	
16	18	0	0	219	99	
18	20	0	0	219	99	
20	22	1	0	220	99	
22	24	0	0	220	99	
24	26	1	0	221	100	
26	28	0	0	221	100	
28	30	0	0	221	100	
30	32	0	0	221	100	
32	34	0	0	221	100	
34	36	0	0	221	100	
36	38	0	0	221	100	
38	40	0	0	221	100	
40	42	0	0	221	100	
42	44	0	0	221	100	
44	46	0	0	221	100	
46	48	0	0	221	100	
48	50	1	0	222	100	

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 0.4279279  
 Variance 15.76627  
 Standard Deviation 3.970676  
 Skewness 10.4415

Histogram for Ag\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	0.1	125	56	125	56	
0.1	0.2	0	0	125	56	Mean
0.2	0.3	75	34	200	90	
0.3	0.4	0	0	200	90	
0.4	0.5	21	9	221	100	
0.5	0.6	0	0	221	100	
0.6	0.7	1	0	222	100	
0.7	0.8	0	0	222	100	
0.8	0.9	0	0	222	100	
0.9	1	0	0	222	100	

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 0.1081082  
 Variance 0.018667  
 Standard Deviation 0.1366272  
 Skewness 0.9629478

Histogram for Cu\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	4	1	0	1	0
4	8	13	6	14	6
8	12	102	46	116	52
12	16	51	23	167	75
16	20	21	9	188	85
20	24	14	6	202	91
24	28	4	2	206	93
28	32	2	1	208	94
32	36	1	0	209	94
36	40	2	1	211	95
40	44	2	1	213	96
44	48	4	2	217	98
48	52	0	0	217	98
52	56	3	1	220	99
56	60	0	0	220	99
60	64	0	0	220	99
64	68	0	0	220	99
68	72	1	0	221	100
72	76	1	0	222	100
76	80	0	0	222	100

Mean

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 14.51802  
 Variance 106.5766  
 Standard Deviation 10.32359  
 Skewness 3.112764

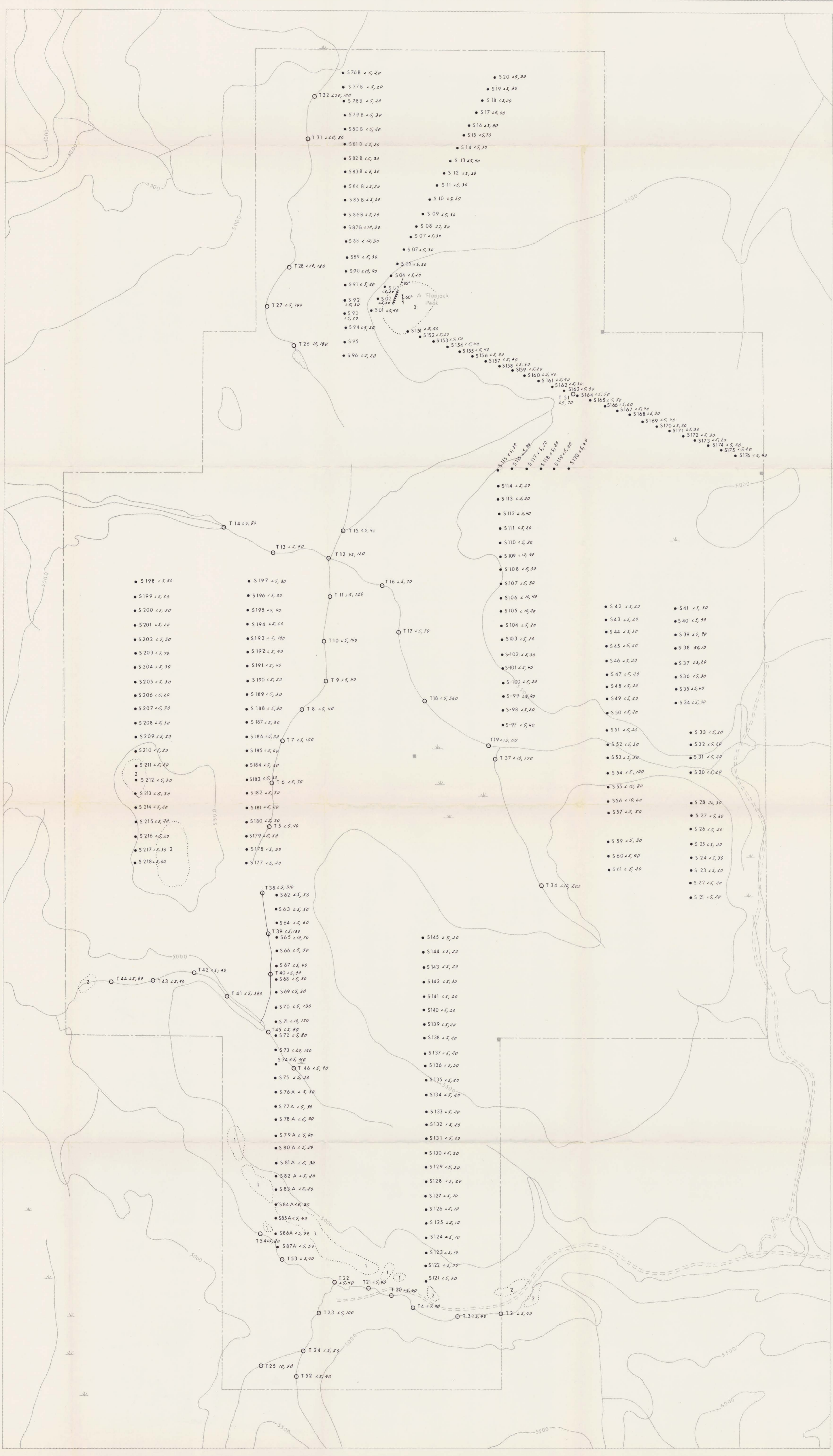
Histogram for Pb\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	4	122	55	122	55	Mean
4	8	73	33	195	88	
8	12	21	9	216	97	
12	16	2	1	218	98	
16	20	1	0	219	99	
20	24	1	0	220	99	
24	28	0	0	220	99	
28	32	0	0	220	99	
32	36	0	0	220	99	
36	40	0	0	220	99	
40	44	0	0	220	99	
44	48	0	0	220	99	
48	52	1	0	221	100	
52	56	0	0	221	100	
56	60	0	0	221	100	
60	64	0	0	221	100	
64	68	0	0	221	100	
68	72	0	0	221	100	
72	76	0	0	221	100	
76	80	1	0	222	100	

Data elements inside histogram 222  
 Data elements outside histogram 0

Descriptive Statistics

Mean 3.720721  
 Variance 47.72255  
 Standard Deviation 6.908151  
 Skewness 7.587564



**LEGEND**

**GEOLOGY**

- TERTIARY LATER INTRUSIONS
- Volcanic rhyolite dyke
- VOLCANIC ROCKS OF PROBABLE MIOCENE AGE
- Pyroxene basalt
- VOLCANIC ROCKS OF PROBABLE EOCENE AGE
- Andesite
- Latite

**SYMBOLS**

- Stream sediment sample location and number, Au (ppb), Hg (ppb)
- Soil sample location and number, Au (ppb), Hg (ppb)
- Foliation
- Strike and dip
- Area of outcrop
- Legal Corner Post
- Claim boundary (approximate)
- Road
- Swamp
- Creek
- Lake
- Topographic contour (interval 500 feet)

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**18,581**



NTS 920/2,7

LEXINGTON RESOURCES LTD.

FOOT 1-7 CLAIMS  
CLINTON M.D., B.C.

**GEOLOGY, STREAM SEDIMENT AND SOIL GEOCHEMISTRY MAP**

Scale: 1:10,000	By: F.Y.	Drawn: J.S.
Date: NOVEMBER 1988	Fig. No.:	4

Ashworth Explorations Limited