

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 90.03.20

ASSESSMENT REPORT 18578

MINING DIVISION: Clinton

PROPERTY: Lynx  
LOCATION: LAT 51 18 00 LONG 122 26 00  
UTM 10 5683120 539506  
NTS 092008W

CAMP: 035 Taseko - Blackdome Area

CLAIM(S): Lynx I-III  
OPERATOR(S): Lexington Res.  
AUTHOR(S): Leriche, P.D.; Yacoub, F.F.  
REPORT YEAR: 1989, 66 Pages

COMMODITIES

SEARCHED FOR: Gold, Mercury

KEYWORDS: Eocene, Rhyolite, Tuff, Andesite

WORK

DONE: Geochemical, Geological  
GEOL 1000.0 ha  
ROCK 9 sample(s) ;ME  
SILT 6 sample(s) ;ME  
SOIL 116 sample(s) ;ME  
Map(s) - 1; Scale(s) - 1:10 000

RELATED

REPORTS: 16078

LOG NO: 0330	RD.
ACTION:	NTS 920/8 Lat 51° 18'N Long 122° 26'W
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT  
ON THE  
LYNX CLAIM GROUP

FILMED

CLINTON MINING DIVISION

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

SUB-RECORDER  
RECEIVED  
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VANCOUVER, B.C.

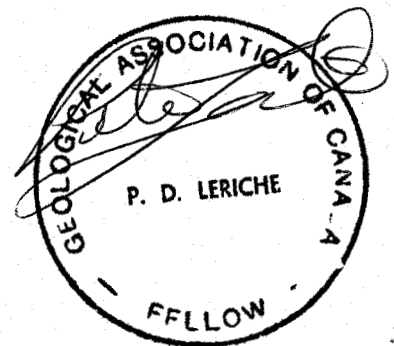
18,578

For

TRANSNATIONAL MARKETING INC.  
780 - 885 Dunsmuir Street  
Vancouver, B.C.  
V6C 1N5

By

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January 5, 1989

**TABLE OF CONTENTS**

**Page No.**

SUMMARY	i
1. INTRODUCTION	1
2. LOCATION, ACCESS AND TOPOGRAPHY	1
3. PROPERTY STATUS	3
4. AREA HISTORY	3
5. PREVIOUS WORK	6
6. REGIONAL GEOLOGY	7
7. 1988 PROGRAM	9
7.1 Scope and Purpose	9
7.2 Methods and Procedures	9
7.3 Property Geology	11
7.4 Mineralization and Rock Geochemistry	12
7.4.1 Geological Model	12
7.4.2 Rock Geochemistry	13
7.5 Stream Sediment Geochemistry	13
7.6 Soil Geochemistry	14
7.6.1 Gold in Soils	14
7.6.2 Mercury in Soils	14
7.6.3 Copper in Soils	15
7.6.4 Zinc in Soils	15
7.7 Discussion of Results	15
8. CONCLUSIONS	16
9. RECOMMENDATIONS	17
10. PROPOSED BUDGET	18
PERSONNEL	19
REFERENCES	20
CERTIFICATES	21 & 22
ITEMIZED COST STATEMENT	23

**LIST OF FIGURES AND MAPS**

Figure 1:	General Location Map	2
Figure 2:	Claim Location Map	4
Figure 3:	Regional Geology Map	8
Figure 4:	Geology, Rock, Soil and Stream Sediment Geochemistry	In pocket

**LIST OF APPENDICES**

Appendix A:	Rock Sample Descriptions
Appendix B:	Analytical Results
Appendix C:	Analytical Techniques
Appendix D:	Statistical Analysis by Tony Clark Consulting Services

## SUMMARY

Ashworth Explorations Limited carried out a field program, consisting of geological mapping, stream sediment sampling and soil sampling on the Lynx Claim Group during October 1988.

The Lynx Claim Group consists of three contiguous mineral claims (50 units) located in the Clinton Mining Division, approximately 65 kilometres west-northwest of Clinton, B.C.

The sequence of Eocene volcanic rocks underlying the Lynx Claim Group is host to the Blackdome epithermal gold deposit, located two kilometres northwest of the subject claims.

Previous work on the Lynx Claim Group consisted of a geological mapping and geochemical survey performed in 1987.

The 1988 exploration program outlined one large area of mercury and gold anomalies in rocks, 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, geological mapping and rock sampling, at a total estimated cost of \$48,000. Phase III is contingent upon targets being established from Phase II. It would consist of additional fill-in soil sampling, hand trenching, blasting and backhoe trenching.

## TABLE OF CONTENTS

Page No.

SUMMARY	i
1. INTRODUCTION	1
2. LOCATION, ACCESS AND TOPOGRAPHY	1
3. PROPERTY STATUS	3
4. AREA HISTORY	3
5. PREVIOUS WORK	6
6. REGIONAL GEOLOGY	7
7. 1988 PROGRAM	9
7.1 Scope and Purpose	9
7.2 Methods and Procedures	9
7.3 Property Geology	11
7.4 Mineralization and Rock Geochemistry	12
7.4.1 Geological Model	12
7.4.2 Rock Geochemistry	13
7.5 Stream Sediment Geochemistry	13
7.6 Soil Geochemistry	14
7.6.1 Gold in Soils	14
7.6.2 Mercury in Soils	14
7.6.3 Copper in Soils	15
7.6.4 Zinc in Soils	15
7.7 Discussion of Results	15
8. CONCLUSIONS	16
9. RECOMMENDATIONS	17
10. PROPOSED BUDGET	18
PERSONNEL	19
REFERENCES	20
CERTIFICATES	21 & 22

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Figure 2:	Claim Location Map	4
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Appendix D:	Statistical Analysis by Tony Clark Consulting Services

## 1. INTRODUCTION

This report was prepared at the request of Transnational Marketing Inc. to describe and evaluate the results of a geological-geochemical survey carried out by Ashworth Explorations Limited from October 13 to 15, 1988 on the Lynx Claim Group, 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.

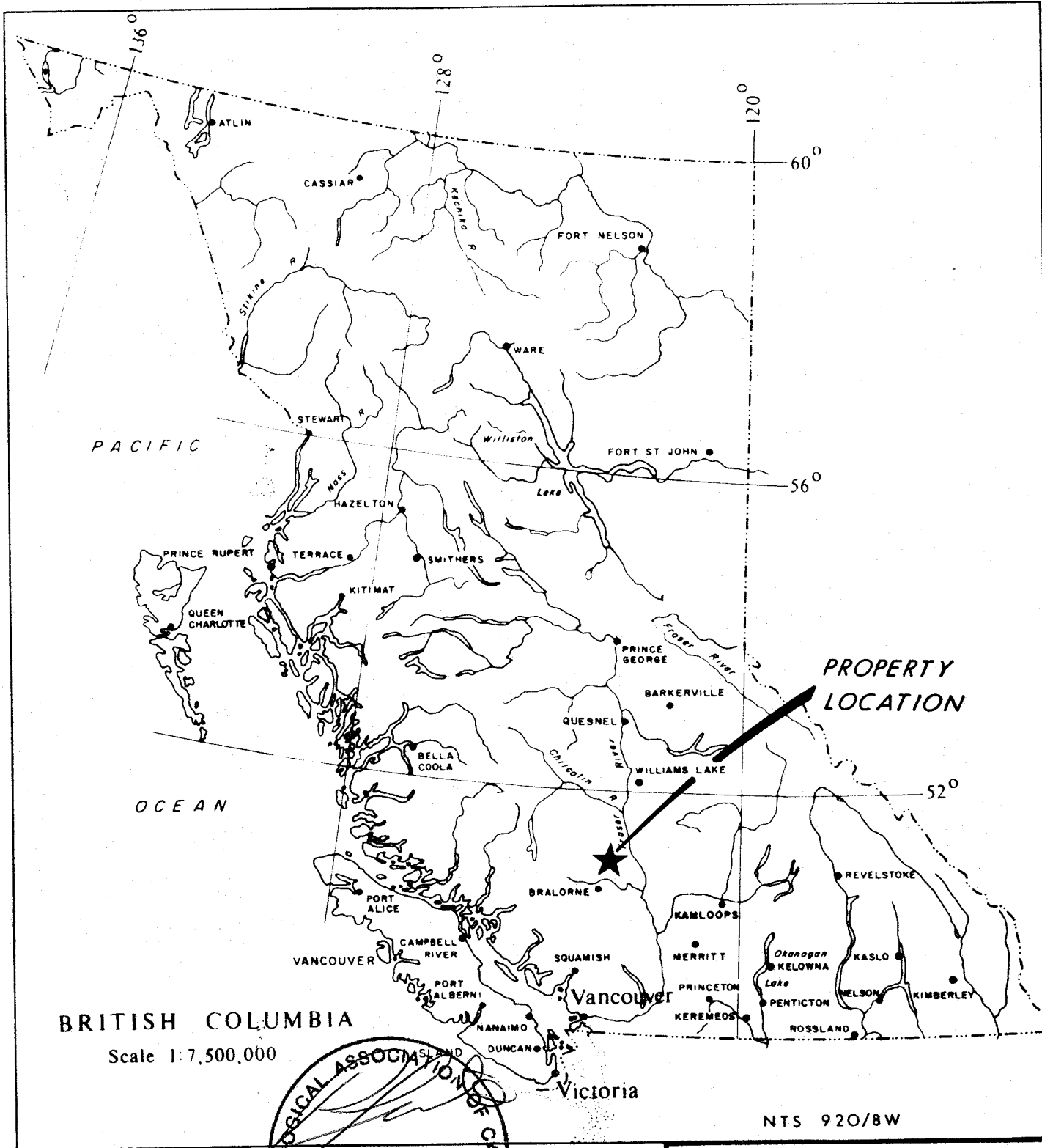
One of the authors, Mr. Leriche, planned and supervised all fieldwork. Mr. Yacoub was the project geologist on the subject claims from October 13 to 15, 1988.

## 2. LOCATION, ACCESS AND TOPOGRAPHY

The Lynx Claim Group is located in the Camelsfoot Range on the Fraser Plateau approximately 65 kilometres west-northwest of Clinton, B.C. and approximately 54 kilometres northeast of the town of Goldbridge (Figure 1). The claims lie within NTS mapsheet 92O/8 at latitude  $51^{\circ} 18'N$ , longitude  $122^{\circ} 26'W$  in the Clinton Mining Division.

Access to the claims is via a gravel road which leads west from Highway 97 approximately 18 kilometres north of Clinton, to the Empire Valley Ranch. From the Empire Valley Ranch, the Blackdome Mine road and a forestry access road lead to the claims. Use of a four-wheel drive vehicle is recommended.

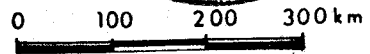
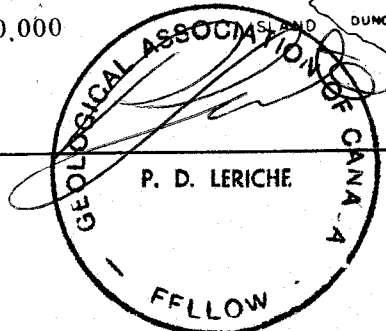
The terrain is characterized by gentle to moderate slopes descending into an east-west trending tributary of Porcupine Creek. Vegetation consists of fairly



BRITISH COLUMBIA

Scale 1:7,500,000

NTS 920/8W



TRANSNATIONAL MARKETING INC.

LYNX I, II AND III CLAIMS  
CLINTON M.D., B.C.

GENERAL LOCATION MAP

Scale 1: 7 500 000	Date: NOVEMBER 1988.
Drawn: J.S.	Figure 1

Ashworth Explorations Limited

thick stands of pine and fir at lower elevations, with the higher ground and ridge crests more sparsely vegetated to barren. Elevation varies from 7030 feet (2143 metres) to 3900 feet (1189 metres), giving a total relief of 3130 feet (954 metres).

### 3. PROPERTY STATUS

The Lynx Claim Group consists of three contiguous mineral claims totalling 50 units. The claims were grouped on March 10, 1988 and are owned by Transnational Marketing Inc., 780 - 885 Dunsmuir Street, Vancouver, B.C., V6C 1N5.

Pertinent claim data is as follows:

<u>CLAIM NAME</u>	<u>RECORD #</u>	<u>UNITS</u>	<u>RECORD DATE</u>	<u>EXPIRY DATE</u>
Lynx I	1978	12	Mar.18/86	Mar.18/89
Lynx II	1979	20	Mar.18/86	Mar.18/89
Lynx III	1980	18	Mar.18/86	Mar.18/89
Total		50		

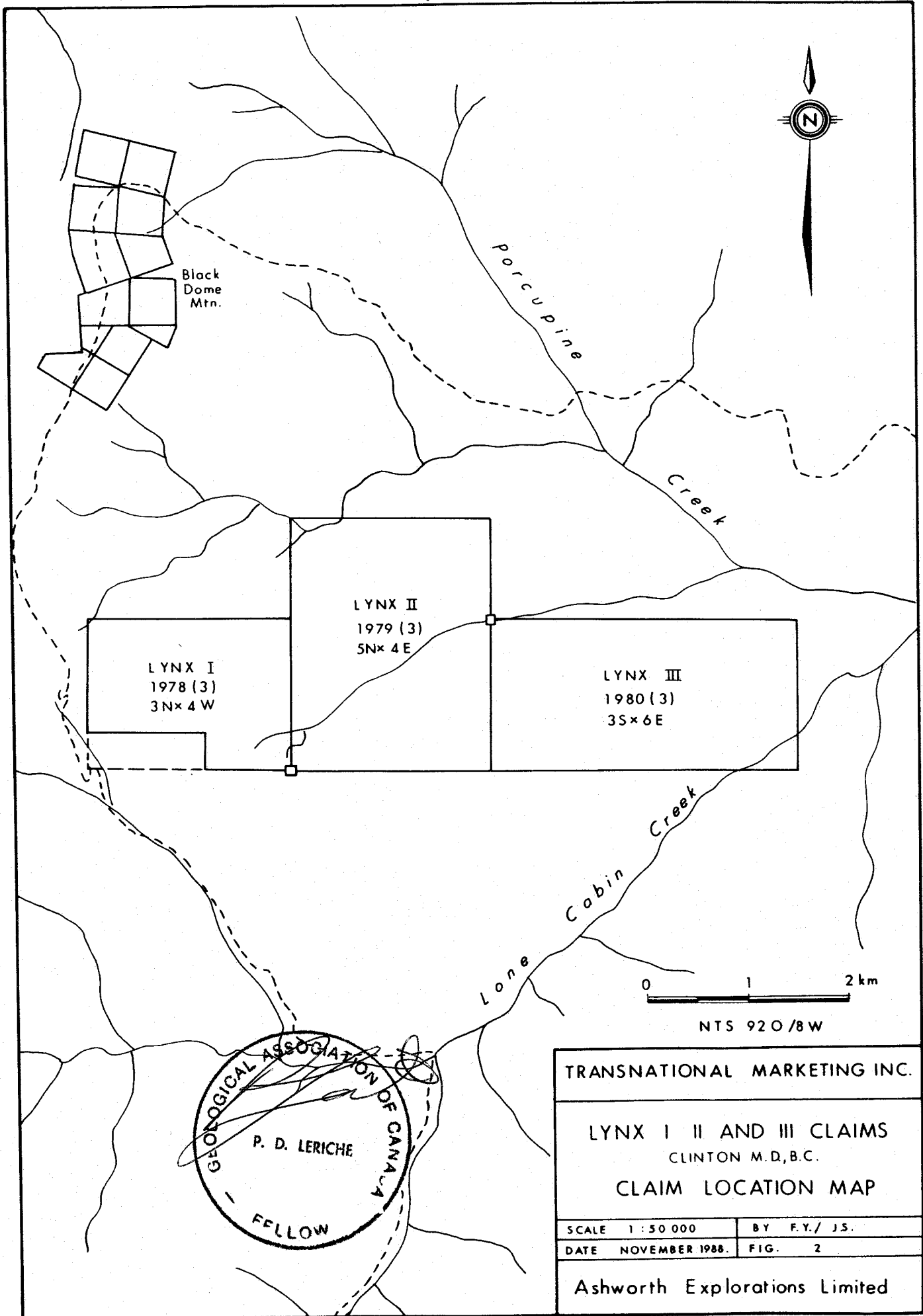
The total area covered by the claim group is approximately 1190 hectares due to overlap.

### 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 two kilometres northwest of the northwest corner of the Lynx I claim. The following ten year period saw work performed by Empire Valley Gold Mines Ltd. and Silver Standard Mines Ltd. including sampling, stripping, packsack drilling, trenching and the driving of two adits into the vein structures.





Black Dome Mtn.

Porcupine

Creek

LYNX II  
1979 (3)  
5N x 4 E

LYNX I  
1978 (3)  
3N x 4 W

LYNX III  
1980 (3)  
3S x 6 E

Lone Cabin Creek

0 1 2 km

NTS 920/8W

GEOLOGICAL ASSOCIATION OF CANADA  
P. D. LERICHE  
FELLOW

TRANSNATIONAL MARKETING INC.

LYNX I II AND III CLAIMS  
CLINTON M.D., B.C.  
CLAIM LOCATION MAP

SCALE 1:50 000	BY F.Y./ J.S.
DATE NOVEMBER 1988.	FIG. 2

Ashworth Explorations Limited

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 per ton 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 approximately two kilometres east of the east claim boundary of the Lynx I claim, 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 approximately 2.25 kilometres southwest of the Lynx I claim. 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).

#### 5. PREVIOUS WORK

The only recorded work on the Lynx Claim Group has been a geological mapping and geochemical survey by Ashworth Explorations Limited in 1987. Due to winter conditions, mapping was restricted to the northeast corner of the Lynx II claim. Volcanic flow and pyroclastic rocks of felsic to intermediate composition were noted with argillic, limonitic and secondary silicic alteration present. One of the four rock samples collected was weakly anomalous, containing 25 ppb gold (Grill, 1987). It was concluded that similarities existed between the geology of

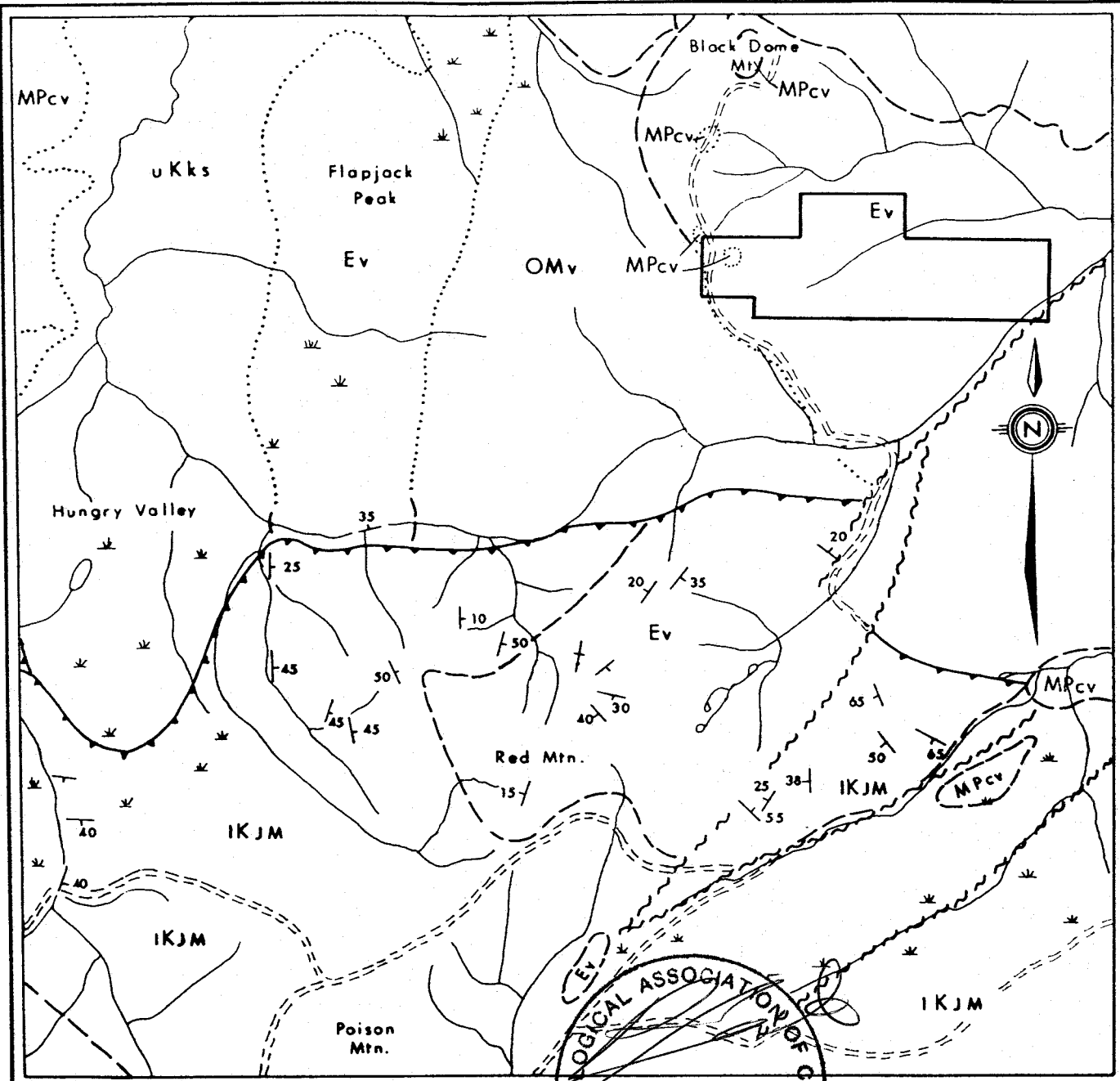
the rocks underlying the Lynx I, II, and III claims and the geology of the rocks encountered on the Blackdome mine property.

## 6. REGIONAL GEOLOGY

The Lynx 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 Eocene volcanics which underlie the Lynx Claim Group are host to the Blackdome epithermal gold deposit. These volcanics are made up of andesitic to dacitic flows (locally vesicular and/or amygdaloidal), discontinuous units of flow-banded rhyolite, and unsorted andesitic to dacitic volcanic conglomerates (Figure 3).

Eocene (Glover et al, 1987) or Oligocene (Tipper, 1978) porphyritic rocks occur over a large area to the west of the Lynx claims and may underlie the southwest corner of the Lynx I claim (Glover et al, 1987). These are commonly carbonate altered and contain variable proportions of feldspar, hornblende, biotite and quartz phenocrysts.



**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.

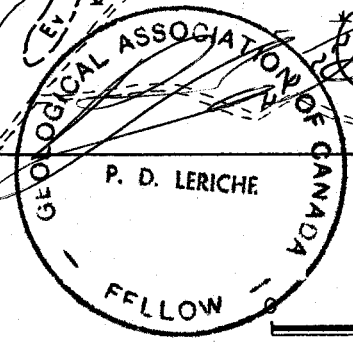
**CRETACEOUS**

**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 920/8W

TRANSNATIONAL MARKETING INC.

LYNX I, II AND III CLAIMS  
CLINTON M.D., B.C.

REGIONAL GEOLOGY MAP

Scale 1:125 000

By: F. Y. / J.S.

Date: NOVEMBER 1988.

Figure 3

Ashworth Explorations Limited

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

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 and is characterized by relatively widely spaced northwest and northeast-trending faults and by east-trending folds probably related to dextral movement. The Lynx claims lie northeast of the fault zone.

## 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 altimeter, compass, hipchain and landmarks (creeks, swamps, roads).

A total of nine rock samples were collected and analyzed for gold, mercury and multi-element ICP by Chemex Labs Limited. See Appendix B for analytical reports, Appendix C for analytical techniques and Figure 4 for their locations.

Stream sediment samples were taken from all drainages. Samples were collected at 100 to 500 metre intervals from the active part of the streams. Grain size varied from silt to sand size. Altogether 8 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 B).

A linear soil sampling program was carried out over the entire claim area. The total number of soil samples taken was 116. 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 B).

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 (Au, Hg, Cu, Pb, and Zn) (Appendix D). Anomalous values were chosen using natural breaks in each histogram. All statistical work was performed by Tony Clark Consulting Services.

### 7.3 PROPERTY GEOLOGY

The following description of lithologic units is based on geological mapping by Fayz Yacoub from October 13 to 15, 1988.

#### Unit 1 - Andesite

The name andesite has been applied to this group of volcanic rocks only in a general sense. The volcanic rocks consist of light gray to dark green volcanics which vary in composition from rhyolite to basalt. Remnant pyroclastic textures are present and the rocks commonly exhibit an aphanitic groundmass. It is felt they represent the Eocene volcanic unit which hosts the Blackdome deposit.

#### Unit 2 - Pyroxene Basalt

This unit consists of a medium gray to black porphyritic/amygdaloidal pyroxene basalt. On the western half of the Lynx I claim it is present at the higher elevations. It could represent a plateau basalt of Miocene (?) age, which is known to cap peaks in the area.

#### Alteration

Argillic alteration is extensive over the Lynx Claim Group with lesser limonitic alteration and silicification noted.

#### Structure

In the southeastern area of the Lynx I claim, a northeast-trending fault zone exhibiting extensive argillic alteration was noted from the 1988 geological mapping. This fault zone may extend further to the northeast following the tributary of Porcupine Creek.



## 7.4 MINERALIZATION AND ROCK GEOCHEMISTRY

### 7.4.1 Geological Model

The target deposit expected on the Lynx 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 consists of 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 in the area of the Lynx Claim Group 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 Lynx Claim Group.

#### 7.4.2 Rock Geochemistry (Figure 4)

The following rock sample results are considered significant:

SAMPLE	VALUE	DESCRIPTION AND LOCATION
LX88-R654	16,200 ppb Hg	Float; Brecciated argillic altered volcanic (andesite?) with rusty limonite and minor silicification. West of centre of Lynx II claim.
LX88-R666	140 ppb Hg	Chip sample across 200 cm of argillic alteration zone along fault; light gray volcanic with remnant fragment textures. Southwest corner of Lynx I claim.

#### 7.5 STREAM SEDIMENT GEOCHEMISTRY

The following samples are considered anomalous:

SAMPLE	VALUE	LOCATION
LX88-T04	220 ppb Hg (<20 ppb Au)	Porcupine Creek tributary, southwest of centre of Lynx II claim.
LX88-T05	140 ppb Hg	Porcupine Creek tributary, southwest of centre of Lynx II claim.
LX88-T06	120 ppb Hg	Porcupine Creek tributary, just east of centre of Lynx II claim.
LX88-T07	180 ppb Hg	Porcupine Creek tributary, 300 metres west of Lynx II east claim boundary.
LX88-T09	200 ppb Hg (<20 ppb Au)	Porcupine Creek tributary, southwest of centre of Lynx II claim (150 metres northeast of LX88-T04).

Samples LX88-T04 AND LX88-T09 were obtained within 150 metres of each other. The remaining anomalous samples were located at an approximate interval distance of 500 metres. All were generally centrally located on the Lynx II claim.

## 7.6 SOIL GEOCHEMISTRY

The soil sampling survey was conducted to maximize coverage of the Lynx Claim Group.

### 7.6.1 Gold in Soils (Figure 4)

Range:	0 (not detected) to 70 ppb
Mean:	1.4655
Standard Deviation:	8.393
Background:	0 - 20 ppb
Anomalous:	20 ppb +

A total of three single point anomalies exist in gold. The highest two results (50 and 70 ppb) were located approximately 575 metres apart, west and southwest respectively of the centre of the Lynx II claim.

### 7.6.2 Mercury in Soils (Figure 4)

Range:	0 (not detected) to 390 ppb
Mean:	70
Standard Deviation:	70.09
Background:	0 - 120 ppb
Anomalous:	120 - 240 ppb
High Anomalous:	240 ppb +

Six two point anomalies were located on the subject claims: four in the southwest corner and one in the west-central portion of Lynx II claim and one in the southwest portion of Lynx III claim. Values range from 150 to 390 ppb Hg.

Seven single point mercury anomalies were between 120 and 310 ppb Hg and are located in the southwest and northeast corners of the Lynx I claim, the central and southeastern areas of the Lynx II claim and the southwest corner of the Lynx III claim.

### 7.6.3 Copper in Soils (Figure 4)

Range:	4 to 52 ppm
Mean:	9.6552
Standard Deviation:	6.015
Background:	0 - 27 ppm
Anomalous:	27 ppm +

One low anomalous sample of 52 ppm Cu was obtained adjacent to the two coincident stream sediment samples which were anomalous in both mercury and gold.

### 7.6.4 Zinc in Soils (Figure 4)

Range:	30 - 180 ppm
Mean:	64.517
Standard Deviation:	20.56
Background:	30 - 120 ppm
Anomalous:	120 ppm +

Two low anomalous samples of 130 and 175 ppm Zn were obtained: one from the central area of the Lynx II claim and the other from the central area of the Lynx I claim.

## 7.7 DISCUSSION OF RESULTS

The 1988 geological and geochemical surveys have outlined one major anomalous region which will require follow-up exploration work.

The general area of interest encompasses the southeast corner of the Lynx I claim, the central and southern portions of the Lynx II claim adjacent to Porcupine Creek tributary, and the southwest corner of the Lynx III claim.

At the outer edges of the anomalous area, sixteen anomalous soil results were obtained. Towards the centre of the area, including the southern half of the Lynx II claim, eleven stream sediment and soil samples returned anomalous

mercury values (between 120 and 260 ppb), two of which are coincident with anomalous gold values (<20 ppb Au) obtained from the 1988 sampling program.

The presence of a northeast-trending fault zone in the southcentral area of the Lynx I claim was observed from the 1988 geological mapping survey. This fault may follow the tributary of Porcupine Creek which crosses the Lynx II claim, draining to the northeast. The fault may also be a conduit for epithermal solutions enriched in mercury, which would explain the anomalous mercury values obtained from the stream sediment sampling along this creek.

#### 8. CONCLUSIONS

Both writers conclude that the Lynx Claim Group has 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, copper and zinc from rock, soil and stream sediment samples, especially through the central portion of the claim group, point towards the possible presence of an auriferous epithermal system on the Lynx Claim Group.

For these reasons further exploration work is recommended.

## 9. RECOMMENDATIONS

### Phase II

- 1) Layout approximately 30 kilometres of grid including a 2.4 kilometre baseline extending in a northeast-southwest trend and positioned to allow maximum coverage of the anomalous area determined from the 1988 sampling program. Line spacing should be at 100 metres. It should provide information on any anomalous trends in soils and on unsampled areas on the Lynx II claim.
- 2) Soil sample the grid at 50 metre station spacing and 100 metre line spacing.
- 3) Geologically map and rock sample the unmapped areas of the property and re-map and rock sample outcrops covered by previous mapping.
- 4) Use petrographic thin sections to aid in accurate rock identification and precise geological interpretation of stratigraphy present on the Lynx claims.

### 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, blasting and backhoe trenching.

10. PROPOSED BUDGET - LYNX I-III CLAIMS

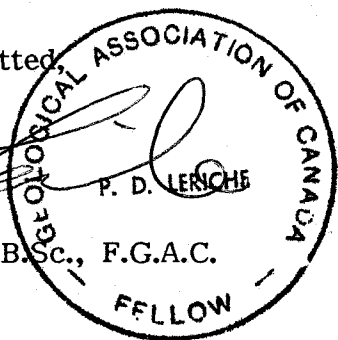
## PHASE II

(Geologist, four geotechnicians; 12 field days)

Project Preparation		\$	600
Mob/Demob (includes transportation, freight and wages)			3,900
Field Crew			13,980
Field Costs			4,800
<u>Lab Analysis</u>			
Say 500 soil samples @ \$19/sample	\$	9,500	
Say 30 rock samples @ \$22/sample		<u>660</u>	10,160
Thin Section Analysis - say 5 sections @ \$70/section			350
Supervision and Report			<u>7,725</u>
Sub-total	\$		41,515
Administration 15%			<u>6,227</u>
Total	\$		<u>47,742</u>
	(Say	\$	<u>48,000</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 Lynx Claim Group:

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



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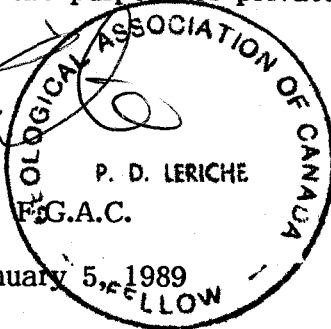
CERTIFICATE

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 Transnational Marketing Inc.
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, January 5, 1989



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 13 to 15, 1988.
4. I have no interest, direct or indirect, in the subject claims or the securities of Transnational Marketing Inc.
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.



Fayz F. Yacoub, B.Sc.

Dated at Vancouver, January 5, 1989

ITEMIZED COST STATEMENT

(Project Geologist, 3 Geotechnicians; Oct. 13-15/88)

Project Preparation		\$	200.00
Mob/Demob (includes transportation, freight and wages)			1,185.00
<u>Field Crew</u>			
Project Geologist \$275/day x 3 days	\$	825.00	
3 Geotechnicians \$210/day x 6 mandays		<u>1,890.00</u>	2,715.00
<u>Field Costs</u>			
Food and Accommodation \$70/day x 12 mandays	\$	840.00	
Communications		105.00	
Other Rentals (2 motorcycles, 1 trailer)		225.00	
Freight		25.00	
Supplies		150.00	
4X4 Truck \$110/day x 3 days		<u>330.00</u>	1,675.00
<u>Lab Costs</u>			
122 silt and soil samples @ \$19.50/sample	\$	2,379.00	
9 rock samples @ \$21.75/sample		<u>195.75</u>	2,574.75
Supervision and Report			<u>1,775.00</u>
Sub-total		\$	10,124.75
Administration 15%			<u>1,519.00</u>
Total		\$	<u>11,643.75</u>

**APPENDIX A**  
**ROCK SAMPLE DESCRIPTIONS**

ROCK SAMPLE DESCRIPTIONS - LYNX CLAIM GROUP

SAMPLE NO.	DESCRIPTION	WIDTH(cm)
LX88-R663	Float; Angular, light gray argillic altered volcanic; rusty light to dark brown on weathered surfaces.	---
LX88-R664	Float; Argillic altered breccia, rusty limonite and minor silicification.	---
LX88-R665	Chip; Argillic alteration zone; light to dark green volcanic fragments.	200
LX88-R666	Chip; Argillic alteration zone; light gray volcanic with fragment remnants.	200
LX88-R667	Float; Subangular dark green volcanic; magnetic; no sulphides.	---
LX88-R668	Float; Angular, hematitic quartz vein material, 10 - 15% white mica.	---
LX88-R669	Float; Angular massive quartz vein material intercalated with light green volcanic fragments.	---

**APPENDIX B**

**ANALYTICAL RESULTS**  
**(including 1987 results)**



# Chemex Labs Ltd.

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PHONE (604) 984-0221

To: ASHWORTH EXPLORATIONS LTD.

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

A8825794

Comments:

## CERTIFICATE A8825794

ASHWORTH EXPLORATIONS LTD.

PROJECT : 244

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 23-OCT-88.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Rock Geochem: Crush,split,ring
238	9	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	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
20	9	Hg ppb: HNO <sub>3</sub> -HCl digestion	AAS-FLAMELESS	10	100000
921	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	9	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
934	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	9	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	9	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
938	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	9	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	9	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000





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Project: 244

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Page No. : 1-A

Tot. Pages: 1

Date : 23-OCT-88

Invoice #: I-8825794

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825794

SAMPLE DESCRIPTION	PREP CODE		Au	Hg	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
			ppb FA+AA	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
LX88 R-654	205	238	< 5	16200	0.78	< 0.2	45	80	0.5	< 2	0.22	< 0.5	8	53	15	2.13	< 10	19	0.11	10	0.16
LX88 R-655	205	238	< 5	70	3.92	< 0.2	< 5	30	0.5	< 2	0.58	< 0.5	23	60	73	4.27	< 10	< 1	0.02	10	3.62
LX88 R-663	205	238	< 5	60	0.61	< 0.2	30	50	0.5	< 2	0.09	< 0.5	1	53	1	0.98	< 10	< 1	0.20	10	0.02
LX88 R-664	205	238	< 5	70	1.11	< 0.2	< 5	70	0.5	< 2	0.32	< 0.5	10	44	15	1.54	< 10	< 1	0.17	20	0.26
LX88 R-665	205	238	< 5	20	1.05	< 0.2	5	70	< 0.5	< 2	0.34	< 0.5	2	14	31	1.08	< 10	< 1	0.39	10	0.40
LX88 R-666	205	238	< 5	140	1.88	< 0.2	< 5	70	0.5	2	1.00	< 0.5	9	29	29	1.85	< 10	2	0.42	20	0.80
LX88 R-667	205	238	< 5	20	1.54	< 0.2	15	70	< 0.5	< 2	0.95	< 0.5	14	23	20	3.17	< 10	1	0.09	< 10	1.18
LX88 R-668	205	238	< 5	10	0.24	< 0.2	5	30	< 0.5	< 2	0.04	< 0.5	1	106	16	0.92	< 10	1	0.07	< 10	0.01
LX88 R-669	205	238	< 5	10	1.79	< 0.2	< 5	20	< 0.5	< 2	1.87	< 0.5	2	159	13	0.94	< 10	< 1	0.02	< 10	0.41

CERTIFICATION :

*B. Coughlin*



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V6C 1A5

Project: 244

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Page No. : 1-B  
Tot. Pages: 1  
Date : 23-OCT-88  
Invoice #: I-8825794  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825794

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
LX88 R-654	205	238	323	1	0.04	4	390	< 2	< 5	5	19	0.01	< 10	< 10	35	< 5	50
LX88 R-655	205	238	689	< 1	0.01	10	120	< 2	< 5	6	51	0.14	< 10	< 10	97	< 5	79
LX88 R-663	205	238	41	1	0.04	< 1	280	4	< 5	1	19	< 0.01	< 10	< 10	5	< 5	14
LX88 R-664	205	238	551	< 1	0.06	6	650	< 2	< 5	4	22	0.02	< 10	< 10	62	< 5	30
LX88 R-665	205	238	98	< 1	0.03	2	330	< 2	< 5	2	68	0.03	< 10	< 10	27	< 5	20
LX88 R-666	205	238	291	< 1	0.21	19	380	8	< 5	4	99	0.04	< 10	< 10	39	< 5	41
LX88 R-667	205	238	211	< 1	0.04	13	630	< 2	< 5	4	72	0.15	< 10	< 10	155	< 5	35
LX88 R-668	205	238	63	< 1	0.07	3	30	22	< 5	< 1	18	< 0.01	< 10	< 10	2	< 5	4
LX88 R-669	205	238	215	< 1	0.01	5	120	< 2	< 5	3	9	0.06	< 10	< 10	36	< 5	15

CERTIFICATION :

*B. Coughlin*



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To: ASHWORTH EXPLORATIONS LTD.

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

A8825795

Comments:

## CERTIFICATE A8825795

ASHWORTH EXPLORATIONS LTD.

PROJECT : 244

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 30-OCT-88.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	124	Dry, sieve -80 mesh; soil, sed.
238	124	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	122	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
20	124	Hg ppb: HNO <sub>3</sub> -HCl digestion	AAS-FLAMELESS	10	100000
921	124	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	124	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	124	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	124	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	124	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	124	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	124	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	124	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	124	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	124	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	124	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	124	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	124	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	124	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	124	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	124	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	124	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	124	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	124	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	124	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	124	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	124	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	124	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	124	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	124	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	124	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	124	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	124	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	124	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	124	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	124	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	124	Zn ppm: 32 element, soil & rock	ICP-AES	5	10000



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VANCOUVER, BC  
V6C 1A5

Project : 244

Comments :

Page No. : 1-A

Tot. Pages: 4

Date : 30-OCT-88

Invoice # : I-8825795

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825795

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 %
LX88 S-01	201 238	< 5	180	0.85	< 0.2	< 5	100	< 0.5	2	0.30	< 0.5	8	14	5	1.46	< 10	1	0.24	10	0.16
LX88 S-02	201 238	< 5	150	0.93	< 0.2	10	90	< 0.5	2	0.27	< 0.5	9	26	8	1.99	< 10	< 1	0.14	10	0.21
LX88 S-03	201 238	< 5	80	1.09	< 0.2	5	90	< 0.5	< 2	0.37	< 0.5	9	30	10	1.96	< 10	< 1	0.20	10	0.27
LX88 S-04	201 238	< 5	70	1.57	0.2	5	130	< 0.5	< 2	0.49	< 0.5	9	27	13	2.00	< 10	2	0.33	10	0.36
LX88 S-05	201 238	< 5	110	1.97	0.2	< 5	180	< 0.5	< 2	0.59	< 0.5	14	33	14	2.55	< 10	< 1	0.22	20	0.46
LX88 S-06	201 238	< 5	60	2.89	0.2	15	170	0.5	2	0.89	< 0.5	18	55	20	3.28	< 10	1	0.31	20	0.69
LX88 S-07	201 238	< 5	40	1.60	< 0.2	5	230	< 0.5	< 2	0.43	< 0.5	9	28	8	2.05	< 10	< 1	0.12	10	0.33
LX88 S-08	201 238	< 5	30	1.01	0.2	5	100	< 0.5	2	0.29	< 0.5	9	27	4	1.71	< 10	< 1	0.17	10	0.22
LX88 S-09	201 238	< 5	30	1.01	0.2	< 5	80	< 0.5	< 2	0.27	< 0.5	9	26	4	1.75	< 10	< 1	0.11	10	0.21
LX88 S-10	201 238	< 5	30	1.29	< 0.2	5	140	< 0.5	< 2	0.40	< 0.5	9	29	7	2.14	< 10	< 1	0.21	10	0.30
LX88 S-11	201 238	< 5	50	1.43	0.2	15	100	< 0.5	< 2	0.43	< 0.5	9	31	8	2.10	< 10	< 1	0.20	10	0.30
LX88 S-12	201 238	< 5	30	1.08	0.2	5	110	< 0.5	< 2	0.40	< 0.5	8	33	4	2.02	< 10	< 1	0.15	10	0.25
LX88 S-13	201 238	< 5	20	1.22	0.2	< 5	70	< 0.5	< 2	0.31	< 0.5	8	37	6	2.22	< 10	< 1	0.08	10	0.26
LX88 S-14	201 238	< 5	20	1.21	0.2	10	80	< 0.5	2	0.36	< 0.5	7	43	7	2.22	< 10	< 1	0.06	10	0.28
LX88 S-15	201 238	< 5	40	2.44	0.2	< 5	200	0.5	< 2	0.80	< 0.5	18	57	17	3.44	< 10	< 1	0.25	20	0.53
LX88 S-16	201 238	< 5	90	1.86	< 0.2	10	180	0.5	4	0.82	< 0.5	16	31	19	2.71	< 10	1	0.30	20	0.53
LX88 S-17	201 238	< 5	20	0.87	< 0.2	10	120	< 0.5	2	0.27	< 0.5	8	20	4	1.61	< 10	1	0.13	< 10	0.20
LX88 S-18	201 238	< 5	20	0.89	< 0.2	< 5	100	0.5	< 2	0.31	< 0.5	9	30	5	1.72	< 10	1	0.27	10	0.23
LX88 S-19	201 238	< 5	20	1.37	< 0.2	< 5	130	< 0.5	< 2	0.19	< 0.5	9	17	5	1.95	< 10	1	0.06	< 10	0.15
LX88 S-20	201 238	< 5	130	2.11	< 0.2	5	160	< 0.5	< 2	0.27	< 0.5	9	21	7	2.06	< 10	< 1	0.09	10	0.28
LX88 S-21	201 238	< 5	120	2.57	< 0.2	< 5	150	< 0.5	< 2	0.39	< 0.5	12	24	9	2.40	< 10	2	0.14	10	0.34
LX88 S-22	201 238	< 5	90	1.98	< 0.2	< 5	100	< 0.5	< 2	0.57	< 0.5	8	25	9	1.97	< 10	< 1	0.09	10	0.36
LX88 S-23	201 238	< 5	180	1.91	< 0.2	< 5	120	< 0.5	< 2	0.38	< 0.5	9	22	8	2.10	< 10	< 1	0.11	10	0.33
LX88 S-24	201 238	< 5	120	2.27	< 0.2	5	140	0.5	< 2	0.35	< 0.5	14	29	12	2.56	< 10	< 1	0.09	10	0.38
LX88 S-25 A	201 238	< 10	60	1.57	< 0.2	< 5	100	< 0.5	2	0.38	< 0.5	9	17	10	1.66	< 10	< 1	0.07	10	0.31
LX88 S-25 B	201 238	< 5	60	4.22	< 0.2	< 5	120	0.5	2	0.42	< 0.5	16	43	18	3.10	< 10	< 1	0.07	10	0.55
LX88 S-26	201 238	< 5	260	1.87	< 0.2	5	110	< 0.5	< 2	0.42	< 0.5	8	29	9	2.13	< 10	< 1	0.10	10	0.35
LX88 S-27	201 238	< 10	220	3.25	< 0.2	5	160	< 0.5	< 2	0.59	< 0.5	15	36	23	2.97	< 10	< 1	0.11	20	0.64
LX88 S-28	201 238	< 5	60	1.93	< 0.2	5	110	< 0.5	< 2	0.35	< 0.5	14	34	9	2.44	< 10	< 1	0.10	10	0.38
LX88 S-51	201 238	< 5	110	1.65	< 0.2	< 5	140	0.5	< 2	0.39	< 0.5	17	57	14	2.99	< 10	< 1	0.13	10	0.46
LX88 S-52	201 238	< 5	80	1.82	< 0.2	< 5	130	0.5	< 2	0.37	< 0.5	16	41	6	2.63	< 10	< 1	0.09	10	0.33
LX88 S-53	201 238	< 5	310	2.38	< 0.2	5	130	0.5	< 2	0.29	< 0.5	17	35	7	2.48	< 10	< 1	0.10	10	0.31
LX88 S-54	201 238	< 5	70	1.25	< 0.2	10	110	0.5	< 2	0.22	< 0.5	9	18	4	1.43	< 10	< 1	0.08	10	0.18
LX88 S-55	201 238	< 5	50	1.74	< 0.2	5	160	0.5	< 2	0.31	< 0.5	13	25	5	2.28	< 10	< 1	0.11	10	0.26
LX88 S-56	201 238	< 5	90	1.52	< 0.2	< 5	110	0.5	< 2	0.27	< 0.5	9	24	7	1.99	< 10	< 1	0.13	10	0.26
LX88 S-57	201 238	< 5	170	1.73	0.2	< 5	150	0.5	< 2	0.29	< 0.5	13	26	7	2.28	< 10	< 1	0.12	10	0.25
LX88 S-58	201 238	< 5	30	1.54	< 0.2	10	100	0.5	< 2	0.30	< 0.5	13	36	7	2.21	< 10	< 1	0.07	10	0.32
LX88 S-59	201 238	< 5	40	1.66	0.2	< 5	120	0.5	< 2	0.24	< 0.5	9	25	6	2.12	< 10	< 1	0.07	10	0.24
LX88 S-60	201 238	< 5	30	1.39	< 0.2	5	80	0.5	< 2	0.21	< 0.5	9	20	5	1.92	< 10	< 1	0.07	< 10	0.22
LX88 S-61	201 238	< 5	30	1.75	0.2	5	120	0.5	2	0.34	< 0.5	9	31	6	2.04	< 10	< 1	0.10	10	0.32

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 : 244

Comments:

Page No. : 1-B  
Tot. Pages: 4  
Date : 30-OCT-88  
Invoice # : I-8825795  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825795

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
LX88 S-01	201 238	302	< 1	0.02	9	230	4	< 5	2	39	0.06	< 10	< 10	33	< 5	40
LX88 S-02	201 238	212	< 1	0.03	13	240	6	< 5	2	33	0.10	< 10	< 10	50	< 5	43
LX88 S-03	201 238	246	< 1	0.03	16	270	6	< 5	4	42	0.11	< 10	< 10	48	< 5	38
LX88 S-04	201 238	290	< 1	0.03	21	330	6	< 5	4	51	0.08	< 10	< 10	40	< 5	58
LX88 S-05	201 238	504	< 1	0.03	25	470	< 2	< 5	5	135	0.07	< 10	< 10	49	< 5	74
LX88 S-06	201 238	714	< 1	0.02	43	770	2	< 5	7	59	0.07	< 10	< 10	61	< 5	99
LX88 S-07	201 238	367	1	0.02	19	370	4	< 5	2	211	0.08	< 10	< 10	44	< 5	74
LX88 S-08	201 238	328	< 1	0.02	16	180	< 2	< 5	2	30	0.13	< 10	< 10	45	< 5	48
LX88 S-09	201 238	276	< 1	0.02	17	210	< 2	< 5	2	24	0.12	< 10	< 10	46	< 5	45
LX88 S-10	201 238	786	< 1	0.03	23	200	< 2	< 5	4	40	0.10	< 10	< 10	50	< 5	71
LX88 S-11	201 238	381	< 1	0.03	20	230	4	< 5	4	43	0.11	< 10	< 10	46	< 5	51
LX88 S-12	201 238	540	< 1	0.02	18	240	4	< 5	3	35	0.14	< 10	< 10	52	< 5	53
LX88 S-13	201 238	217	< 1	0.02	20	460	2	< 5	2	27	0.14	< 10	< 10	60	< 5	52
LX88 S-14	201 238	205	< 1	0.02	22	220	6	< 5	3	30	0.17	< 10	< 10	66	< 5	40
LX88 S-15	201 238	844	< 1	0.03	40	560	10	< 5	8	68	0.17	< 10	< 10	72	< 5	86
LX88 S-16	201 238	801	< 1	0.03	28	380	6	< 5	6	78	0.09	< 10	< 10	55	< 5	68
LX88 S-17	201 238	336	< 1	0.02	13	210	< 2	< 5	2	30	0.11	< 10	< 10	41	< 5	70
LX88 S-18	201 238	428	< 1	0.02	15	170	4	< 5	2	34	0.12	< 10	< 10	45	< 5	61
LX88 S-19	201 238	788	< 1	0.02	19	1350	2	< 5	2	21	0.09	< 10	< 10	51	< 5	81
LX88 S-20	201 238	472	< 1	0.02	22	660	6	< 5	2	39	0.08	< 10	< 10	50	< 5	62
LX88 S-21	201 238	280	< 1	0.05	21	320	< 2	< 5	3	64	0.16	< 10	< 10	56	< 5	61
LX88 S-22	201 238	194	< 1	0.07	16	210	< 2	< 5	5	72	0.13	< 10	< 10	45	< 5	56
LX88 S-23	201 238	562	< 1	0.03	22	420	< 2	< 5	3	53	0.12	< 10	< 10	55	< 5	67
LX88 S-24	201 238	263	< 1	0.03	26	490	10	< 5	3	50	0.12	< 10	< 10	60	< 5	63
LX88 S-25 A	201 238	173	< 1	0.05	12	170	< 2	< 5	2	54	0.09	< 10	< 10	40	< 5	37
LX88 S-25 B	201 238	823	1	0.04	43	490	6	< 5	5	52	0.13	< 10	< 10	68	< 5	72
LX88 S-26	201 238	288	< 1	0.04	19	230	< 2	< 5	3	60	0.15	< 10	< 10	55	< 5	53
LX88 S-27	201 238	325	< 1	0.04	29	450	< 2	< 5	7	86	0.08	< 10	< 10	60	< 5	71
LX88 S-28	201 238	466	< 1	0.03	27	360	< 2	< 5	3	49	0.16	< 10	< 10	65	< 5	67
LX88 S-51	201 238	827	< 1	0.02	45	420	2	< 5	4	46	0.20	< 10	< 10	80	< 5	60
LX88 S-52	201 238	1090	< 1	0.02	38	420	< 2	< 5	3	30	0.16	< 10	< 10	69	< 5	86
LX88 S-53	201 238	289	< 1	0.02	39	820	< 2	< 5	3	30	0.12	< 10	< 10	59	< 5	70
LX88 S-54	201 238	415	< 1	0.02	13	350	< 2	< 5	1	24	0.05	< 10	< 10	33	< 5	42
LX88 S-55	201 238	723	< 1	0.02	25	490	4	< 5	3	34	0.08	< 10	< 10	54	< 5	78
LX88 S-56	201 238	274	< 1	0.02	17	340	10	< 5	2	36	0.10	< 10	< 10	44	< 5	50
LX88 S-57	201 238	629	< 1	0.02	24	360	6	< 5	3	37	0.11	< 10	< 10	59	< 5	67
LX88 S-58	201 238	456	< 1	0.02	29	390	< 2	< 5	2	29	0.14	< 10	< 10	59	< 5	69
LX88 S-59	201 238	708	< 1	0.02	22	640	6	< 5	2	30	0.09	< 10	< 10	53	< 5	62
LX88 S-60	201 238	792	< 1	0.02	19	690	< 2	< 5	2	21	0.09	< 10	< 10	51	< 5	58
LX88 S-61	201 238	380	< 1	0.02	27	310	2	< 5	2	32	0.09	< 10	< 10	49	< 5	66

CERTIFICATION :

*B. Coughlin*



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PHONE (604) 984-0221

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Project: 244

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Tot. Pages: 4  
Date : 30-OCT-88  
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P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825795

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 %
LX88 S-62	201 238	< 5	60	2.16	0.2	5	110	0.5	2	0.45	< 0.5	13	39	13	2.58	< 10	< 1	0.14	10	0.51
LX88 S-63	201 238	< 5	30	2.35	< 0.2	5	140	0.5	2	0.54	< 0.5	15	34	12	2.48	< 10	< 1	0.22	20	0.45
LX88 S-64	201 238	< 5	60	1.13	< 0.2	< 5	90	0.5	2	0.35	< 0.5	9	27	5	1.74	< 10	< 1	0.14	10	0.25
LX88 S-65	201 238	< 5	30	1.29	< 0.2	< 5	90	0.5	< 2	0.27	< 0.5	8	24	5	1.61	< 10	< 1	0.10	10	0.24
LX88 S-66	201 238	< 5	110	1.22	< 0.2	< 5	100	0.5	< 2	0.33	< 0.5	9	26	6	1.84	< 10	< 1	0.12	10	0.24
LX88 S-67	201 238	< 5	50	1.32	0.2	< 5	100	0.5	< 2	0.31	< 0.5	9	28	6	2.02	< 10	< 1	0.11	10	0.27
LX88 S-68	201 238	< 5	40	1.40	< 0.2	5	80	0.5	2	0.33	< 0.5	8	32	6	1.93	< 10	< 1	0.11	10	0.27
LX88 S-69	201 238	< 5	30	1.25	< 0.2	< 5	90	< 0.5	< 2	0.28	< 0.5	9	27	4	1.69	< 10	< 1	0.10	10	0.26
LX88 S-70	201 238	< 5	20	1.04	< 0.2	< 5	100	< 0.5	< 2	0.38	< 0.5	9	32	4	1.93	< 10	< 1	0.10	10	0.23
LX88 S-71	201 238	< 5	40	1.00	< 0.2	5	80	< 0.5	< 2	0.28	< 0.5	8	29	4	1.90	< 10	< 1	0.11	10	0.23
LX88 S-72	201 238	< 5	310	1.75	< 0.2	10	140	0.5	< 2	0.43	< 0.5	8	20	7	1.79	< 10	< 1	0.13	10	0.28
LX88 S-73	201 238	< 5	80	2.42	< 0.2	< 5	210	0.5	< 2	0.42	< 0.5	14	27	9	2.22	< 10	< 1	0.12	10	0.34
LX88 S-74	201 238	< 5	390	1.95	0.2	5	170	< 0.5	< 2	0.34	< 0.5	9	20	6	1.76	< 10	< 1	0.16	10	0.23
LX88 S-75	201 238	< 5	160	2.51	< 0.2	5	150	< 0.5	< 2	0.55	< 0.5	14	25	14	2.06	< 10	< 1	0.17	10	0.39
LX88 S-76	201 238	< 5	70	1.77	< 0.2	5	130	0.5	< 2	0.35	< 0.5	8	24	6	1.69	< 10	< 1	0.11	10	0.26
LX88 S-77	201 238	< 5	60	2.15	< 0.2	5	140	0.5	< 2	0.64	< 0.5	16	24	11	2.17	< 10	< 1	0.17	10	0.40
LX88 S-78	201 238	< 5	40	1.53	< 0.2	< 5	80	< 0.5	< 2	0.54	< 0.5	8	25	5	1.75	< 10	< 1	0.10	10	0.21
LX88 S-79	201 238	< 5	30	2.19	< 0.2	< 5	130	< 0.5	< 2	0.35	< 0.5	16	40	7	2.42	< 10	< 1	0.10	10	0.36
LX88 S-80	201 238	< 5	40	1.70	< 0.2	< 5	120	< 0.5	< 2	0.34	< 0.5	13	38	8	2.28	< 10	< 1	0.11	10	0.32
LX88 S-81	201 238	< 5	30	2.06	0.2	10	110	< 0.5	< 2	0.80	< 0.5	12	46	8	2.78	< 10	< 1	0.10	10	0.43
LX88 S-82	201 238	< 5	40	1.77	< 0.2	10	100	< 0.5	< 2	0.37	< 0.5	8	35	7	2.40	< 10	< 1	0.09	10	0.35
LX88 S-83	201 238	< 5	30	1.70	0.2	< 5	120	< 0.5	< 2	0.29	< 0.5	8	33	7	2.18	< 10	< 1	0.11	10	0.30
LX88 S-84	201 238	< 5	20	1.41	0.4	< 5	140	< 0.5	< 2	0.35	< 0.5	9	25	6	1.92	< 10	< 1	0.19	10	0.26
LX88 S-85	201 238	< 5	20	1.74	0.2	< 5	120	< 0.5	< 2	0.34	< 0.5	8	34	5	2.06	< 10	< 1	0.12	10	0.29
LX88 S-86	201 238	< 5	60	1.41	0.2	< 5	80	< 0.5	< 2	0.38	< 0.5	7	44	8	2.48	< 10	< 1	0.10	10	0.34
LX88 S-87	201 238	25	20	1.28	< 0.2	5	110	< 0.5	< 2	0.30	< 0.5	8	34	4	2.29	< 10	1	0.10	10	0.27
LX88 S-88	201 238	< 5	40	1.81	< 0.2	< 5	110	< 0.5	< 2	0.53	< 0.5	13	42	10	2.72	< 10	1	0.08	10	0.40
LX88 S-89	201 238	< 10	30	1.83	< 0.2	10	70	0.5	< 2	0.69	< 0.5	13	32	21	2.55	< 10	< 1	0.05	20	0.37
LX88 S-90	201 238	< 5	30	3.51	< 0.2	< 5	150	< 0.5	< 2	0.43	< 0.5	16	29	9	2.36	< 10	< 1	0.16	10	0.36
LX88 S-91	201 238	< 5	50	2.70	< 0.2	5	150	< 0.5	2	0.46	< 0.5	13	28	8	2.47	< 10	< 1	0.12	10	0.37
LX88 S-92	201 238	< 5	30	2.49	< 0.2	< 5	210	< 0.5	2	0.30	< 0.5	14	18	8	2.26	< 10	< 1	0.10	10	0.25
LX88 S-93	201 238	< 10	30	2.87	< 0.2	< 5	130	0.5	< 2	0.81	< 0.5	8	30	16	2.59	< 10	2	0.10	20	0.45
LX88 S-94	201 238	not/ss	140	4.16	0.4	20	200	1.0	< 2	2.18	< 0.5	20	52	52	3.52	< 10	< 1	0.14	60	0.88
LX88 S-95	201 238	70	30	1.60	< 0.2	< 5	100	< 0.5	< 2	0.52	< 0.5	9	25	11	2.13	< 10	< 1	0.08	10	0.33
LX88 S-96	201 238	15	30	1.51	< 0.2	< 5	110	< 0.5	< 2	0.47	< 0.5	13	26	12	2.39	< 10	< 1	0.08	10	0.33
LX88 S-97	201 238	< 5	30	2.01	< 0.2	< 5	120	< 0.5	< 2	0.29	< 0.5	16	37	8	2.64	< 10	< 1	0.08	10	0.34
LX88 S-98	201 238	< 5	20	1.83	< 0.2	< 5	120	< 0.5	< 2	0.29	< 0.5	16	33	7	2.49	< 10	< 1	0.08	10	0.26
LX88 S-99	201 238	< 5	20	1.54	0.2	5	130	< 0.5	< 2	0.40	< 0.5	8	33	10	2.27	< 10	< 1	0.06	10	0.21
LX88 S-100	201 238	10	20	1.74	0.2	< 5	90	0.5	< 2	0.22	< 0.5	13	34	7	2.61	< 10	< 1	0.08	< 10	0.29
LX88 S-101	201 238	< 5	60	2.76	< 0.2	< 5	180	< 0.5	< 2	0.38	< 0.5	14	28	12	2.43	< 10	< 1	0.13	10	0.43

CERTIFICATION :

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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
LX88 S-62	201	238	395	< 1	0.02	27	340	14	< 5	4	35	0.08	< 10	< 10	57	< 5	68
LX88 S-63	201	238	848	< 1	0.02	29	390	8	< 5	4	40	0.04	< 10	< 10	44	< 5	81
LX88 S-64	201	238	344	< 1	0.02	17	200	2	< 5	3	37	0.11	< 10	< 10	43	< 5	42
LX88 S-65	201	238	185	< 1	0.02	14	180	8	< 5	2	32	0.11	< 10	< 10	40	< 5	33
LX88 S-66	201	238	314	< 1	0.02	19	310	8	< 5	2	34	0.11	< 10	< 10	50	< 5	48
LX88 S-67	201	238	543	< 1	0.02	21	360	6	< 5	2	30	0.12	< 10	< 10	54	< 5	56
LX88 S-68	201	238	537	< 1	0.02	24	450	8	< 5	2	27	0.13	< 10	< 10	48	< 5	66
LX88 S-69	201	238	354	< 1	0.02	19	460	2	< 5	2	22	0.12	< 10	< 10	43	< 5	62
LX88 S-70	201	238	456	< 1	0.02	19	590	< 2	< 5	2	28	0.13	< 10	< 10	53	< 5	54
LX88 S-71	201	238	385	< 1	0.02	16	270	4	< 5	2	24	0.15	< 10	< 10	53	< 5	54
LX88 S-72	201	238	505	< 1	0.05	15	200	2	< 5	3	69	0.14	< 10	< 10	49	< 5	49
LX88 S-73	201	238	509	< 1	0.05	25	240	8	< 5	4	79	0.17	< 10	< 10	63	< 5	59
LX88 S-74	201	238	283	< 1	0.04	18	220	< 2	< 5	2	71	0.13	< 10	< 10	47	< 5	43
LX88 S-75	201	238	664	< 1	0.06	23	270	2	< 5	4	80	0.11	< 10	< 10	46	< 5	48
LX88 S-76	201	238	304	< 1	0.04	15	150	6	< 5	3	55	0.17	< 10	< 10	45	< 5	48
LX88 S-77	201	238	749	< 1	0.09	22	320	8	< 5	4	86	0.11	< 10	< 10	58	< 5	55
LX88 S-78	201	238	206	< 1	0.06	11	140	6	< 5	3	65	0.14	< 10	< 10	50	< 5	41
LX88 S-79	201	238	444	< 1	0.02	36	460	4	< 5	3	42	0.16	< 10	< 10	63	< 5	86
LX88 S-80	201	238	600	< 1	0.02	27	380	< 2	< 5	3	41	0.15	< 10	< 10	60	< 5	68
LX88 S-81	201	238	508	< 1	0.03	28	360	2	< 5	4	76	0.14	< 10	< 10	60	< 5	61
LX88 S-82	201	238	254	< 1	0.02	24	500	2	< 5	3	36	0.12	< 10	< 10	59	< 5	77
LX88 S-83	201	238	350	< 1	0.02	25	470	2	< 5	3	33	0.12	< 10	< 10	52	< 5	66
LX88 S-84	201	238	450	< 1	0.04	16	170	< 2	< 5	3	46	0.12	< 10	< 10	50	< 5	47
LX88 S-85	201	238	665	< 1	0.02	25	240	4	< 5	3	30	0.14	< 10	< 10	52	< 5	75
LX88 S-86	201	238	199	< 1	0.02	26	290	4	< 5	3	35	0.17	< 10	< 10	64	< 5	46
LX88 S-87	201	238	333	< 1	0.03	19	340	< 2	< 5	2	29	0.15	< 10	< 10	64	< 5	57
LX88 S-88	201	238	273	< 1	0.02	32	500	8	< 5	3	39	0.13	< 10	< 10	68	< 5	61
LX88 S-89	201	238	757	< 1	0.03	39	220	8	< 5	4	60	0.11	< 10	< 10	71	< 5	50
LX88 S-90	201	238	279	< 1	0.03	33	1290	4	< 5	3	51	0.10	< 10	< 10	47	< 5	118
LX88 S-91	201	238	1175	< 1	0.04	24	490	4	< 5	4	54	0.12	< 10	< 10	63	< 5	73
LX88 S-92	201	238	650	< 1	0.03	16	940	8	< 5	3	39	0.09	< 10	< 10	54	< 5	90
LX88 S-93	201	238	427	< 1	0.04	18	470	4	< 5	6	65	0.09	< 10	< 10	55	< 5	87
LX88 S-94	201	238	494	< 1	0.02	54	1380	< 2	< 5	12	146	0.04	< 10	< 10	48	< 5	116
LX88 S-95	201	238	287	< 1	0.04	19	370	8	< 5	3	41	0.10	< 10	< 10	55	< 5	62
LX88 S-96	201	238	449	< 1	0.03	25	510	< 2	< 5	3	38	0.11	< 10	< 10	64	< 5	69
LX88 S-97	201	238	698	< 1	0.02	33	560	< 2	< 5	3	34	0.16	< 10	< 10	73	< 5	70
LX88 S-98	201	238	549	< 1	0.03	28	1120	8	< 5	3	30	0.13	< 10	< 10	63	< 5	98
LX88 S-99	201	238	195	< 1	0.02	22	1130	2	< 5	3	40	0.14	< 10	< 10	59	< 5	130
LX88 S-100	201	238	311	< 1	0.02	23	980	6	< 5	3	20	0.14	< 10	< 10	65	< 5	92
LX88 S-101	201	238	260	< 1	0.04	28	420	10	< 5	4	83	0.15	< 10	< 10	62	< 5	73

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: 244

Comments:

Page No. : 3-A

Tot. Pages: 4

Date : 30-OCT-88

Invoice #: I-8825795

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825795

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Hg	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
			FA+AA	ppb	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
LX88 S-102	201	238	< 5	40	1.94	< 0.2	10	110	< 0.5	< 2	0.40	< 0.5	8	27	10	2.10	< 10	< 1	0.11	10	0.39
LX88 S-103	201	238	< 5	30	3.57	< 0.2	15	90	< 0.5	< 2	0.28	< 0.5	16	28	13	2.80	< 10	< 1	0.08	10	0.48
LX88 S-104	201	238	< 10	20	2.99	0.2	15	120	< 0.5	< 2	0.52	< 0.5	14	22	18	2.57	< 10	1	0.20	10	0.70
LX88 S-105	201	238	< 5	20	3.34	< 0.2	15	90	< 0.5	< 2	0.40	< 0.5	14	24	8	2.35	< 10	< 1	0.07	10	0.50
LX88 S-106	201	238	< 5	30	2.90	< 0.2	10	110	< 0.5	< 2	0.24	< 0.5	14	26	9	3.03	< 10	< 1	0.10	10	0.33
LX88 S-107	201	238	< 5	40	3.24	< 0.2	< 5	110	< 0.5	4	0.23	< 0.5	16	28	13	2.68	< 10	< 1	0.12	10	0.40
LX88 S-108	201	238	< 5	60	2.30	< 0.2	5	140	< 0.5	2	0.20	< 0.5	10	19	8	2.24	< 10	< 1	0.06	10	0.37
LX88 S-109	201	238	< 5	60	2.46	< 0.2	< 5	110	< 0.5	< 2	0.17	< 0.5	9	16	7	2.52	< 10	< 1	0.07	10	0.37
LX88 S-110	201	238	< 5	80	2.91	< 0.2	< 5	130	0.5	4	0.34	< 0.5	20	21	18	3.45	< 10	< 1	0.10	10	0.60
LX88 S-111	201	238	< 5	140	3.02	< 0.2	15	120	1.5	2	0.73	< 0.5	19	23	24	4.22	< 10	< 1	0.07	20	0.79
LX88 S-112	201	238	< 5	60	3.40	< 0.2	5	110	0.5	6	0.35	< 0.5	8	32	13	3.09	< 10	< 1	0.05	10	0.38
LX88 S-113	201	238	< 5	50	3.04	0.2	< 5	150	< 0.5	6	0.47	< 0.5	19	41	23	3.59	< 10	< 1	0.06	20	0.72
LX88 S-114	201	238	< 5	50	2.73	< 0.2	< 5	140	< 0.5	4	0.25	< 0.5	15	29	12	2.89	< 10	< 1	0.09	10	0.40
LX88 S-115	201	238	< 5	50	3.43	< 0.2	< 5	160	0.5	2	0.23	< 0.5	15	29	14	2.84	< 10	< 1	0.06	10	0.40
LX88 S-116	201	238	< 5	40	5.13	< 0.2	< 5	270	0.5	2	0.47	< 0.5	24	48	19	4.89	< 10	< 1	0.16	10	0.71
LX88 S-117	201	238	< 5	40	2.96	0.2	10	190	< 0.5	2	0.30	< 0.5	14	24	11	2.71	< 10	< 1	0.08	10	0.38
LX88 S-118	201	238	< 5	70	2.34	< 0.2	5	160	< 0.5	2	0.29	< 0.5	9	16	6	2.38	< 10	< 1	0.07	10	0.28
LX88 S-119	201	238	< 5	280	2.79	< 0.2	< 5	170	< 0.5	2	0.31	< 0.5	8	21	8	2.76	< 10	< 1	0.10	10	0.38
LX88 S-120	201	238	< 5	30	1.70	< 0.2	< 5	90	< 0.5	2	0.30	< 0.5	8	22	6	2.01	< 10	< 1	0.07	10	0.28
LX88 S-121	201	238	< 5	40	3.54	< 0.2	< 5	220	< 0.5	4	0.37	< 0.5	13	26	12	2.58	< 10	< 1	0.15	10	0.40
LX88 S-122	201	238	< 5	40	2.49	< 0.2	5	180	0.5	2	0.28	< 0.5	9	18	8	2.15	< 10	< 1	0.11	10	0.29
LX88 S-123	201	238	< 5	30	1.54	< 0.2	< 5	190	0.5	2	0.31	< 0.5	14	17	8	1.82	< 10	< 1	0.18	10	0.29
LX88 S-124	201	238	< 5	20	1.94	< 0.2	< 5	150	0.5	2	0.33	< 0.5	9	17	6	1.70	< 10	< 1	0.14	< 10	0.23
LX88 S-125	201	238	< 5	30	2.87	0.2	< 5	110	0.5	< 2	0.44	< 0.5	8	10	12	2.34	< 10	< 1	0.16	10	0.31
LX88 S-126	201	238	50	280	3.02	< 0.2	< 5	220	0.5	< 2	0.52	< 0.5	18	31	15	3.29	< 10	< 1	0.25	10	0.56
LX88 S-127	201	238	< 5	210	2.10	< 0.2	< 5	180	0.5	< 2	0.47	< 0.5	8	26	12	2.40	< 10	1	0.21	10	0.38
LX88 S-128	201	238	< 5	60	1.87	< 0.2	< 5	200	< 0.5	< 2	0.36	< 0.5	9	20	7	1.93	< 10	< 1	0.20	10	0.28
LX88 S-129	201	238	< 5	50	1.96	< 0.2	< 5	180	0.5	< 2	0.34	< 0.5	9	21	6	1.87	< 10	< 1	0.14	10	0.24
LX88 S-130	201	238	< 5	40	1.28	< 0.2	< 5	70	< 0.5	< 2	0.53	< 0.5	10	19	12	1.70	< 10	< 1	0.11	10	0.28
LX88 S-131	201	238	< 5	40	1.17	< 0.2	< 5	130	0.5	< 2	0.36	< 0.5	8	24	6	1.91	< 10	< 1	0.13	10	0.20
LX88 S-132	201	238	< 5	30	1.24	< 0.2	< 5	120	0.5	< 2	0.33	< 0.5	7	31	8	2.14	< 10	< 1	0.13	10	0.26
LX88 S-133	201	238	< 5	30	1.13	< 0.2	< 5	80	0.5	< 2	0.32	< 0.5	7	27	8	2.20	< 10	< 1	0.13	10	0.23
LX88 S-134	201	238	< 5	20	1.08	< 0.2	5	80	0.5	< 2	0.30	< 0.5	11	35	7	2.37	< 10	2	0.12	10	0.24
LX88 S-135	201	238	< 5	110	1.36	0.2	< 5	110	0.5	< 2	0.52	< 0.5	15	44	11	2.78	< 10	< 1	0.18	10	0.34
LX88 S-136	201	238	< 5	50	0.94	0.2	< 5	80	< 0.5	< 2	0.29	< 0.5	8	26	7	1.90	< 10	< 1	0.09	10	0.23
LX88 S-137	201	238	< 5	20	1.26	0.4	15	110	0.5	< 2	0.38	< 0.5	8	19	5	1.68	< 10	1	0.11	10	0.18
LX88 T-02	201	238	< 5	50	2.99	0.2	< 5	90	0.5	< 2	0.78	< 0.5	20	43	27	3.23	< 10	< 1	0.16	20	1.44
LX88 T-03	201	238	< 10	70	3.33	< 0.2	< 5	90	1.0	4	0.84	< 0.5	22	39	24	3.10	< 10	< 1	0.19	20	1.06
LX88 T-04	201	238	< 20	220	2.60	0.4	< 5	140	1.0	< 2	1.33	< 0.5	14	33	23	2.52	< 10	< 1	0.11	30	0.58
LX88 T-05	201	238	not/ss	140	3.09	0.4	15	140	1.5	< 2	1.68	< 0.5	10	37	34	2.60	< 10	< 1	0.13	40	0.68

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 : 244

Comments :

Page No. : 3-B

Tot. Pages: 4

Date : 30-OCT-88

Invoice # : I-8825795

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825795

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
LX88 S-102	201	238	233	< 1	0.05	19	310	8	< 5	3	72	0.14	< 10	< 10	58	< 5	67
LX88 S-103	201	238	322	< 1	0.04	32	710	6	< 5	3	37	0.12	< 10	< 10	61	< 5	64
LX88 S-104	201	238	325	< 1	0.10	15	220	12	< 5	4	63	0.09	< 10	< 10	68	< 5	60
LX88 S-105	201	238	310	< 1	0.10	22	290	4	< 5	3	47	0.11	< 10	< 10	56	< 5	60
LX88 S-106	201	238	497	1	0.05	26	1070	12	< 5	4	36	0.14	< 10	< 10	71	< 5	82
LX88 S-107	201	238	912	< 1	0.04	31	820	10	< 5	3	31	0.12	< 10	< 10	62	< 5	90
LX88 S-108	201	238	256	< 1	0.02	14	510	8	< 5	2	27	0.03	< 10	< 10	35	< 5	68
LX88 S-109	201	238	451	< 1	0.02	17	860	10	< 5	3	37	0.06	< 10	< 10	49	< 5	74
LX88 S-110	201	238	1535	< 1	0.02	20	1200	6	< 5	5	46	0.09	< 10	< 10	73	< 5	72
LX88 S-111	201	238	720	< 1	0.03	15	660	2	< 5	9	130	0.08	< 10	< 10	78	< 5	59
LX88 S-112	201	238	487	< 1	0.01	27	1480	< 2	5	2	44	0.07	< 10	< 10	60	< 5	105
LX88 S-113	201	238	784	< 1	0.02	36	1090	8	< 5	6	79	0.13	< 10	< 10	82	< 5	70
LX88 S-114	201	238	642	< 1	0.02	25	1260	6	< 5	4	34	0.13	< 10	< 10	69	< 5	77
LX88 S-115	201	238	308	< 1	0.02	32	1110	6	< 5	4	37	0.12	< 10	< 10	61	< 5	74
LX88 S-116	201	238	1120	< 1	0.04	46	2330	10	< 5	7	78	0.20	< 10	< 10	112	< 5	175
LX88 S-117	201	238	629	< 1	0.02	23	720	< 2	< 5	3	57	0.13	< 10	< 10	65	< 5	73
LX88 S-118	201	238	349	< 1	0.02	14	740	4	< 5	2	51	0.09	< 10	< 10	48	< 5	66
LX88 S-119	201	238	599	< 1	0.02	18	730	< 2	< 5	3	52	0.10	< 10	< 10	55	< 5	82
LX88 S-120	201	238	268	< 1	0.04	16	320	4	< 5	2	26	0.13	< 10	< 10	57	< 5	65
LX88 S-121	201	238	480	< 1	0.04	24	700	2	< 5	3	79	0.10	< 10	< 10	53	< 5	63
LX88 S-122	201	238	226	< 1	0.03	15	1510	6	< 5	2	53	0.07	< 10	< 10	47	< 5	59
LX88 S-123	201	238	213	< 1	0.04	14	190	< 2	< 5	3	55	0.10	< 10	< 10	49	< 5	38
LX88 S-124	201	238	171	< 1	0.03	12	340	2	< 5	2	42	0.10	< 10	< 10	42	< 5	35
LX88 S-125	201	238	302	< 1	0.04	9	350	4	< 5	3	49	0.12	< 10	< 10	59	< 5	56
LX88 S-126	201	238	956	< 1	0.03	28	610	4	< 5	6	75	0.12	< 10	< 10	71	< 5	71
LX88 S-127	201	238	189	< 1	0.04	17	530	< 2	< 5	4	72	0.13	< 10	< 10	56	< 5	61
LX88 S-128	201	238	219	< 1	0.03	15	340	< 2	< 5	2	59	0.12	< 10	< 10	40	< 5	43
LX88 S-129	201	238	401	< 1	0.03	19	580	< 2	< 5	2	46	0.12	< 10	< 10	37	< 5	67
LX88 S-130	201	238	188	< 1	0.04	11	310	< 2	< 5	3	38	0.08	< 10	< 10	35	< 5	37
LX88 S-131	201	238	220	< 1	0.03	17	330	< 2	< 5	2	41	0.14	< 10	< 10	45	< 5	38
LX88 S-132	201	238	220	< 1	0.03	18	250	< 2	< 5	3	38	0.17	< 10	< 10	54	< 5	40
LX88 S-133	201	238	250	< 1	0.03	18	270	< 2	< 5	3	30	0.18	< 10	< 10	57	< 5	54
LX88 S-134	201	238	249	< 1	0.02	20	220	< 2	< 5	3	28	0.20	< 10	< 10	59	< 5	52
LX88 S-135	201	238	416	< 1	0.01	29	460	< 2	< 5	4	37	0.17	< 10	< 10	63	< 5	54
LX88 S-136	201	238	291	< 1	0.02	14	250	< 2	< 5	3	27	0.15	< 10	< 10	47	< 5	44
LX88 S-137	201	238	208	< 1	0.04	10	320	< 2	< 5	2	43	0.15	< 10	< 10	46	< 5	41
LX88 T-02	201	238	375	< 1	0.17	28	380	4	< 5	6	92	0.07	< 10	< 10	66	5	68
LX88 T-03	201	238	1305	< 1	0.11	29	500	< 2	< 5	6	146	0.07	< 10	< 10	54	< 5	71
LX88 T-04	201	238	551	< 1	0.08	26	880	< 2	< 5	8	111	0.05	< 10	< 10	46	< 5	53
LX88 T-05	201	238	342	< 1	0.05	37	1300	< 2	5	7	114	0.03	< 10	< 10	36	< 5	103

CERTIFICATION : B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

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V6C 1A5

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			FA+AA	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
LX88 T-06	201	238	< 10	120	2.30	0.2	< 5	130	< 0.5	< 2	1.19	< 0.5	9	35	22	2.28	< 10	< 1	0.10	30	0.54
LX88 T-07	201	238	< 10	180	3.15	0.4	< 5	170	< 0.5	< 2	1.27	0.5	15	33	22	2.70	< 10	< 1	0.14	30	0.78
LX88 T-08	201	238	< 10	110	1.87	0.2	10	130	< 0.5	< 2	1.34	< 0.5	14	35	21	2.44	< 10	< 1	0.10	20	0.63
LX88 T-09	201	238	< 20	200	3.21	0.4	10	160	< 0.5	< 2	1.56	< 0.5	17	36	32	3.17	< 10	1	0.11	40	0.68

CERTIFICATION :

*B. Coughlin*



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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
LX88 T-06	201	238	256	< 1	0.07	25	700	< 2	< 5	8	91	0.07	< 10	< 10	41	< 5	59
LX88 T-07	201	238	366	< 1	0.10	18	800	< 2	< 5	8	126	0.05	< 10	< 10	51	< 5	68
LX88 T-08	201	238	485	< 1	0.06	35	860	< 2	< 5	5	109	0.08	< 10	< 10	49	< 5	66
LX88 T-09	201	238	639	< 1	0.06	34	970	< 2	< 5	9	112	0.05	< 10	< 10	57	< 5	61

CERTIFICATION :

*B. Coughlin*



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 966-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: ASHWORTH EXPLORATION LTD.                      DATE: Mar 20 1987  
ADDRESS: Mezzanine Flr - 744 W. Hastings St.  
          : Vancouver, B.C.                                      REPORT#: 870292 GA  
          : V6C 1A5                                                      JOB#: 870292

PROJECT#: LYNX II                                              INVOICE#: 870292 NA  
SAMPLES ARRIVED: Mar 18 1987                              TOTAL SAMPLES: 4  
REPORT COMPLETED: Mar 20 1987                              SAMPLE TYPE: 4 ROCK  
ANALYSED FOR: Au (FA/AAS) ICP                              REJECTS: SAVED

SAMPLES FROM: ASHWORTH EXPLORATION LTD.  
COPY SENT TO: ASHWORTH EXPLORATION LTD.

PREPARED FOR: ASHWORTH EXPLORATION LTD.

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

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REPORT NUMBER: 870292 6A

JOB NUMBER: 870292

ASHMORTH EXPLORATION LTD.

PAGE 1 OF 1

SAMPLE #	Au
LYNX II 87-001	opb
LYNX II 87-002	nd
LYNX II 87-003	nd
LYNX II 87-004	25

DETECTION LIMIT  
nd = none detected

5  
-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578  
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SK,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: ASHWORTH EXPLORATION  
 ATTENTION:  
 PROJECT: Lynx I, II,III

REPORT#: 870291-2-3PA  
 JOB#: 870291-2-3  
 INVOICE#: 870291-2-3-NA

DATE RECEIVED: 87/03/21  
 DATE COMPLETED: 87/03/23  
 COPY SENT TO:

ANALYST *W. Rees*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	NO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
LYNX-II 87001	1.2	1.04	5	ND	111	12	.75	.1	13	117	18	2.07	.08	1.19	474	1	.01	37	.07	5	ND	ND	ND	6	90	ND	ND	59
LYNX-II 87002	.6	.20	5	ND	49	4	.05	.1	1	163	3	.38	.07	.04	83	13	.12	5	.01	5	ND	ND	ND	1	5	5	3	44
LYNX-II 87003	.3	.17	3	ND	48	ND	.04	.1	1	170	2	.40	.05	.02	158	14	.12	3	.01	4	ND	ND	ND	1	3	5	ND	37
LYNX-II 87004	.1	.65	4	ND	69	ND	.10	.1	3	28	5	1.14	.06	.15	388	1	.01	1	.01	4	ND	ND	ND	2	7	ND	ND	60
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

**APPENDIX C**  
**ANALYTICAL TECHNIQUES**

CHEMEX LABS

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



## VANGEOCHEM LAB LIMITED

**MAIN OFFICE**  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

**BRANCH OFFICE**  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

December 1st, 1987

**TO:** Peter Leriche  
ASHWORTH EXPLORATION LTD.  
Mezz Flr - 744 W. Hastings St.  
Vancouver, B.C. V6C 1A5

**FROM:** Vangeochem Lab Limited  
1521 Pemberton Avenue  
North Vancouver, British Columbia  
V7P 2S3

**SUBJECT:** Analytical procedure used to determine gold by fire assay method and detect by atomic absorption spectrophotometry in geological samples.

### 1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

### 2. Method of Extraction

- (a) 20.0 to 30.0 grams of the pulp samples were used. Samples were weighed out using a top-loading balance and deposited into individual fusion pots.
- (b) A flux of litharge, soda ash, silica, borax, and, either flour or potassium nitrite is added. The samples are then fused at 1900 degrees Fahrenheit to form a lead "button".
- (c) The gold is extracted by cupellation and parted with diluted nitric acid.



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(d) The gold bead is retained for subsequent measurement.

### 3. Method of Detection

(a) The gold bead is dissolved by boiling with sodium cyanide, hydrogen peroxide and ammonium hydroxide.

(b) The detection of gold was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values, in parts per billion, were calculated by comparing them with a set of known gold standards.

### 4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. David Chiu and his laboratory staff.

A handwritten signature in black ink, appearing to read 'D. Chiu', is written over a horizontal line.

David Chiu  
VANGEOCHEM LAB LIMITED



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December 1st, 1987

TO: Peter Leriche  
ASHWORTH EXPLORATION LTD.  
Mezz Fir - 711 W. Hastings St.  
Vancouver, B.C. V6C 1A5

FROM: Vangeochem Lab Limited  
1521 Pemberton Avenue  
North Vancouver, British Columbia  
V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble for 28 element scan by Inductively Coupled Plasma Spectrophotometry in geochemical silt and soil samples.

### 1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

### 2. Method of Digestion

- (a) 0.50 gram portions of the minus 80-mesh samples were used. Samples were weighed out using an electronic balance.
- (b) Samples were digested with a 5 ml solution of HCL:HN03:H2O in the ratio of 3:1:2 in a 95 degree Celsius water bath for 90 minutes.
- (c) The digested samples are then removed from the bath and bulked up to 10 ml total volume with dimineralized water and thoroughly mixed.



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### 3. Method of Analyses

The ICP analyses elements were determined by using a Jarrel-Ash ICAP model 9000 directly reading the spectrophotometric emissions. All major matrix and trace elements are interelement corrected. All data are subsequently stored onto disk.

### 4. Analysts

The analyses were supervised or determined by either Mr. Eddie Tang, and, the laboratory staff.

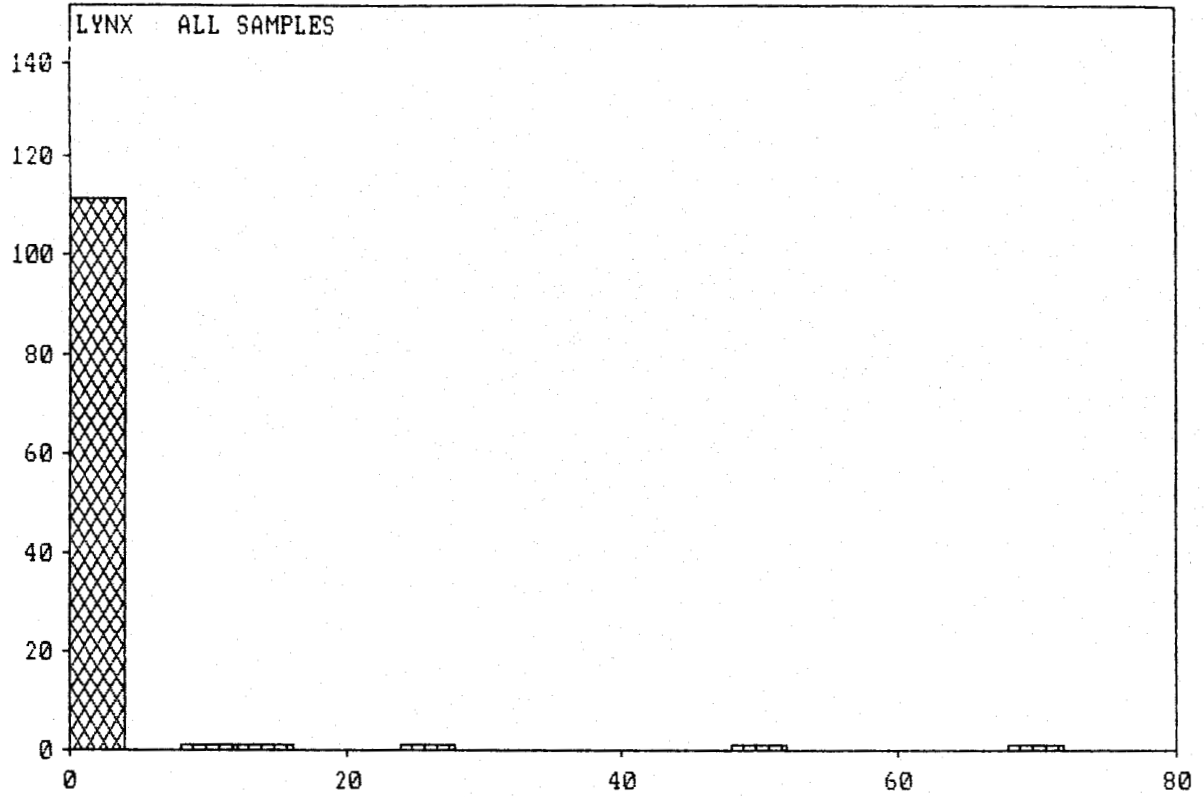
A handwritten signature in cursive script, reading "Eddie Tang".

---

Eddie Tang  
VANGEOCHEM LAB LIMITED

**APPENDIX D**  
**STATISTICAL ANALYSIS BY**  
**TONY CLARK CONSULTING SERVICES**

Histogram for Au\_ppb



Mean = 1.4655 Variance = 70.44  
Standard Deviation = 8.393 Skewness = 6.677



Histogram for Au\_ppb

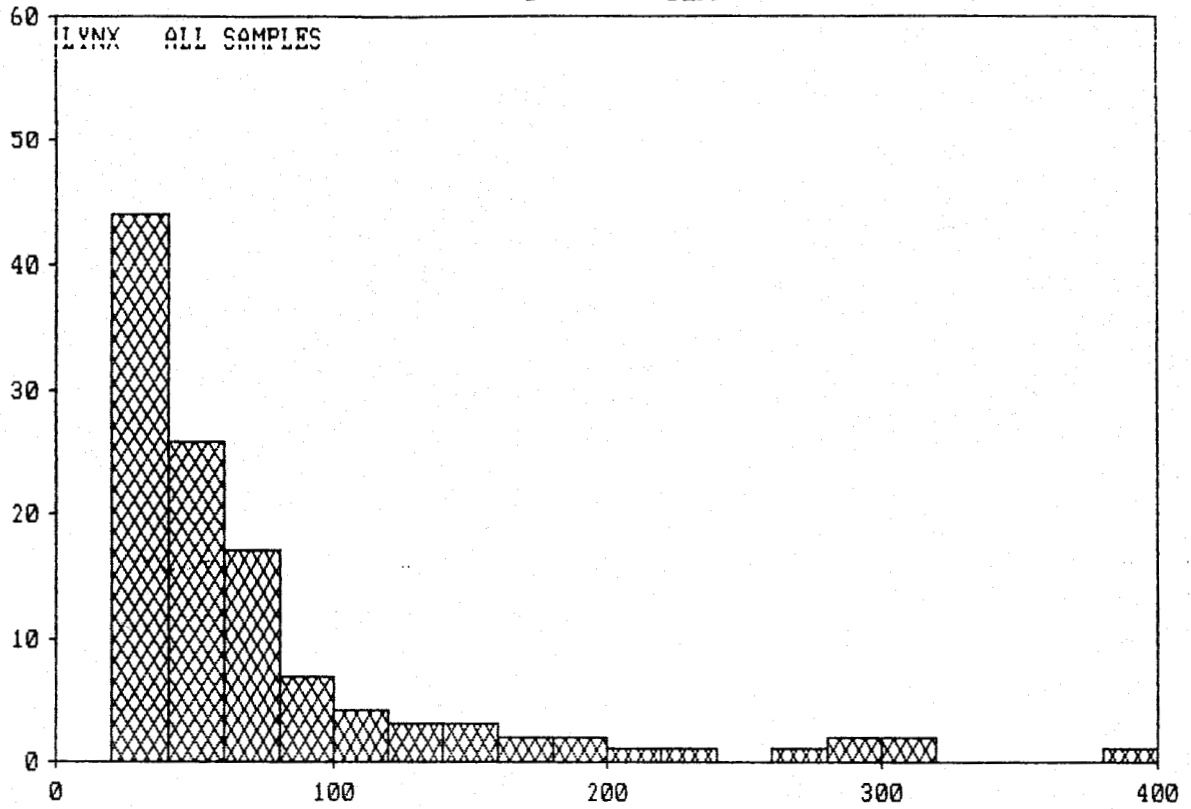
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	4	111	96	111	96	Mean
4	8	0	0	111	96	
8	12	1	1	112	97	
12	16	1	1	113	97	
16	20	0	0	113	97	
20	24	0	0	113	97	
24	28	1	1	114	98	
28	32	0	0	114	98	
32	36	0	0	114	98	
36	40	0	0	114	98	
40	44	0	0	114	98	
44	48	0	0	114	98	
48	52	1	1	115	99	
52	56	0	0	115	99	
56	60	0	0	115	99	
60	64	0	0	115	99	
64	68	0	0	115	99	
68	72	1	1	116	100	
72	76	0	0	116	100	
76	80	0	0	116	100	

Data elements inside histogram 116  
 Data elements outside histogram 0

Descriptive Statistics

Mean 1.465517  
 Variance 70.44228  
 Standard Deviation 8.39299  
 Skewness 6.6771

Histogram for Hg\_ppb



Mean = 70      Variance = 4913  
Standard Deviation = 70.09      Skewness = 2.38

Histogram for Hg\_ppb

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	20	0	0	0	0
20	40	44	38	44	38
40	60	26	22	70	60
60	80	17	15	87	75
80	100	7	6	94	81
100	120	4	3	98	84
120	140	3	3	101	87
140	160	3	3	104	90
160	180	2	2	106	91
180	200	2	2	108	93
200	220	1	1	109	94
220	240	1	1	110	95
240	260	0	0	110	95
260	280	1	1	111	96
280	300	2	2	113	97
300	320	2	2	115	99
320	340	0	0	115	99
340	360	0	0	115	99
360	380	0	0	115	99
380	400	1	1	116	100

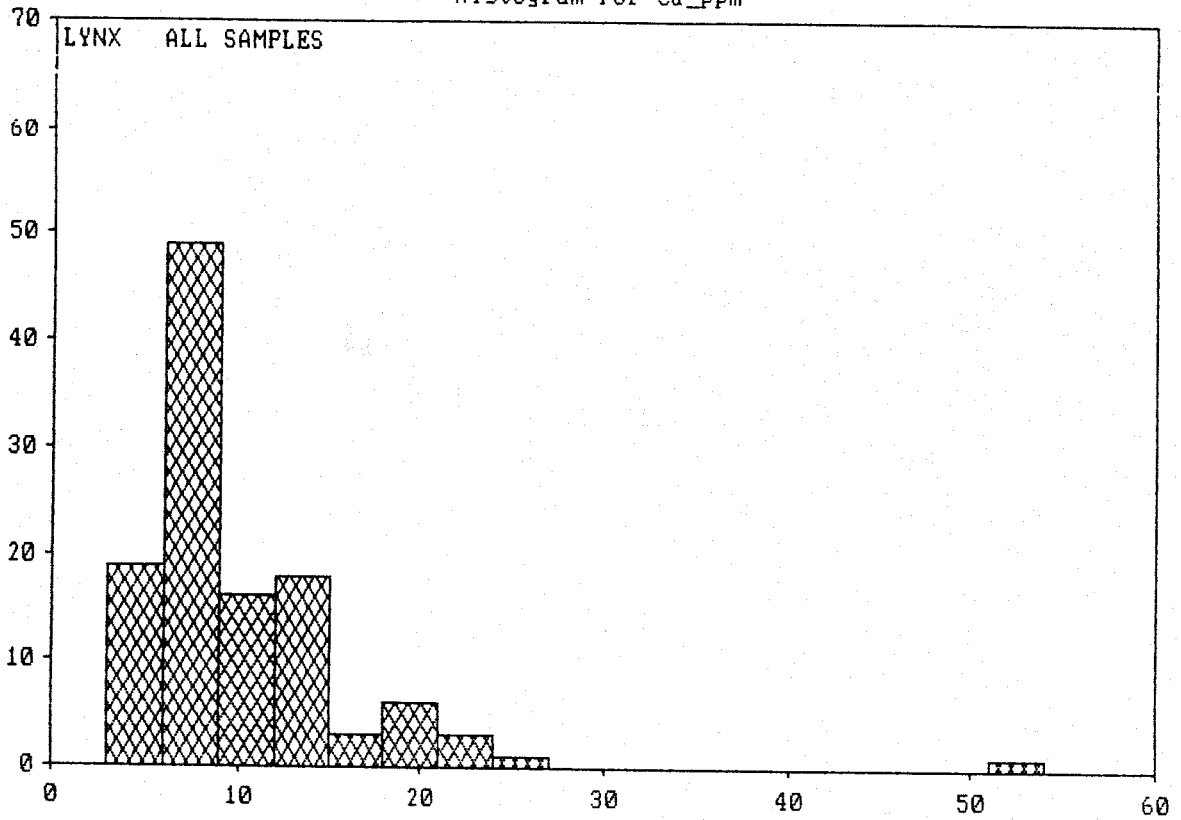
Mean

Data elements inside histogram 116  
 Data elements outside histogram 0

Descriptive Statistics

Mean 70  
 Variance 4913.044  
 Standard Deviation 70.09311  
 Skewness 2.380278

Histogram for Cu\_ppm



Mean = 9.6552 Variance = 36.18  
Standard Deviation = 6.015 Skewness = 3.502

Histogram for Cu\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	3	0	0	0	0
3	6	19	16	19	16
6	9	49	42	68	59
9	12	16	14	84	72
12	15	18	16	102	88
15	18	3	3	105	91
18	21	6	5	111	96
21	24	3	3	114	98
24	27	1	1	115	99
27	30	0	0	115	99
30	33	0	0	115	99
33	36	0	0	115	99
36	39	0	0	115	99
39	42	0	0	115	99
42	45	0	0	115	99
45	48	0	0	115	99
48	51	0	0	115	99
51	54	1	1	116	100
54	57	0	0	116	100
57	60	0	0	116	100

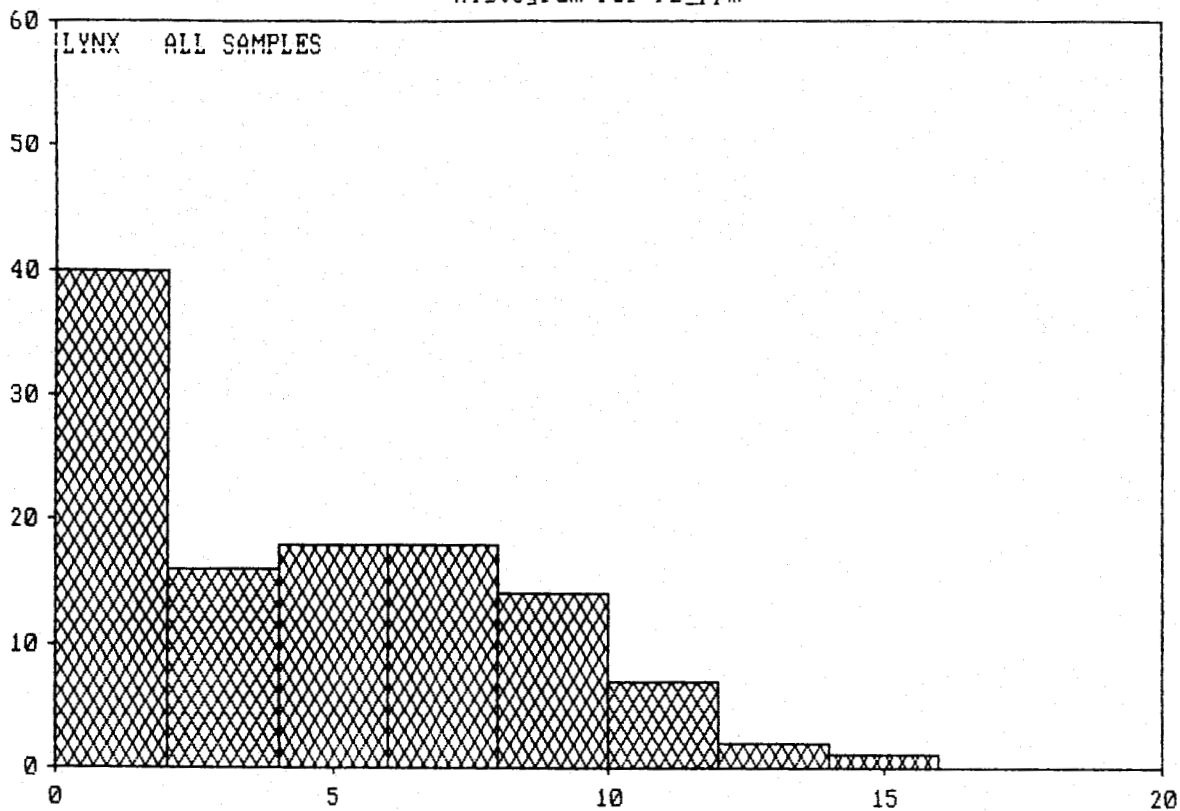
Mean

Data elements inside histogram 116  
 Data elements outside histogram 0

Descriptive Statistics

Mean 9.655172  
 Variance 36.17571  
 Standard Deviation 6.014624  
 Skewness 3.502224

Histogram for Pb\_ppm



Mean = 3.7241 Variance = 12.79  
Standard Deviation = 3.577 Skewness = .5932

Histogram for Pb\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%
0	2	40	34	40	34
2	4	16	14	56	48
4	6	18	16	74	64
6	8	18	16	92	79
8	10	14	12	106	91
10	12	7	6	113	97
12	14	2	2	115	99
14	16	1	1	116	100
16	18	0	0	116	100
18	20	0	0	116	100

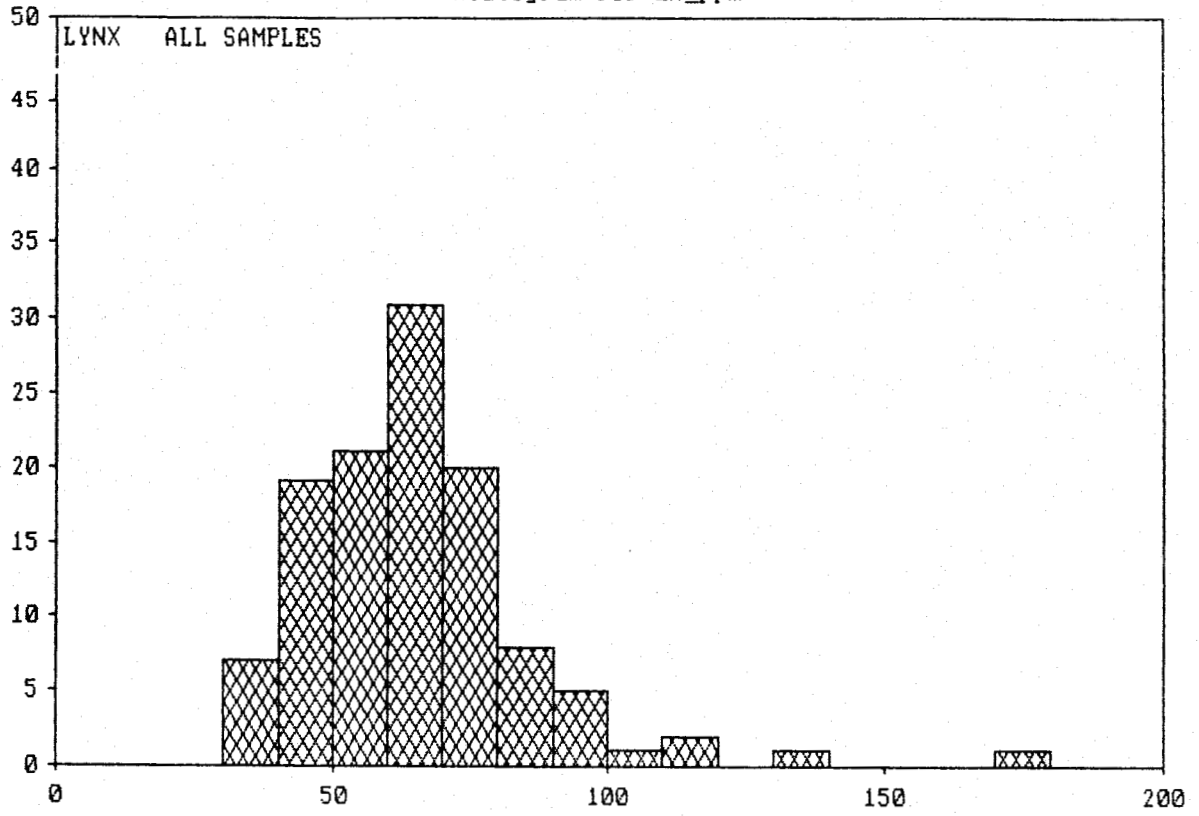
Mean

Data elements inside histogram 116  
Data elements outside histogram 0

Descriptive Statistics

Mean 3.724138  
Variance 12.79281  
Standard Deviation 3.576703  
Skewness 0.5932092

Histogram for Zn\_ppm



Mean = 64.517 Variance = 422.8  
Standard Deviation = 20.56 Skewness = 1.85



Histogram for Zn\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	10	0	0	0	0	
10	20	0	0	0	0	
20	30	0	0	0	0	
30	40	7	6	7	6	
40	50	19	16	26	22	
50	60	21	18	47	41	
60	70	31	27	78	67	Mean
70	80	20	17	98	84	
80	90	8	7	106	91	
90	100	5	4	111	96	
100	110	1	1	112	97	
110	120	2	2	114	98	
120	130	0	0	114	98	
130	140	1	1	115	99	
140	150	0	0	115	99	
150	160	0	0	115	99	
160	170	0	0	115	99	
170	180	1	1	116	100	
180	190	0	0	116	100	
190	200	0	0	116	100	

Data elements inside histogram 116  
 Data elements outside histogram 0

Descriptive Statistics

Mean 64.51724  
 Variance 422.8083  
 Standard Deviation 20.5623  
 Skewness 1.850043

Histogram for As\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	2	64	55	64	55	
2	4	0	0	64	55	Mean
4	6	31	27	95	82	
6	8	0	0	95	82	
8	10	0	0	95	82	
10	12	13	11	108	93	
12	14	0	0	108	93	
14	16	7	6	115	99	
16	18	0	0	115	99	
18	20	1	1	116	100	

Data elements inside histogram 116  
Data elements outside histogram 0

Descriptive Statistics

Mean 3.534483  
Variance 22.61619  
Standard Deviation 4.755648  
Skewness 1.282946

Histogram for Sb\_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	1	114	98	114	98	Mean
1	2	0	0	114	98	
2	3	0	0	114	98	
3	4	0	0	114	98	
4	5	2	2	116	100	

Data elements inside histogram 116  
Data elements outside histogram 0

Descriptive Statistics

Mean 0.0862069  
Variance 0.4272864  
Standard Deviation 0.6536714  
Skewness 7.417387



- LEGEND**
- GEOLOGY**  
VOLCANIC ROCKS OF PROBABLE EOCENE AGE
- 2 Pyroxene basalt
  - 1 Andesite

- SYMBOLS**
- Geological contact (approx., assumed)
  - Fault (defined, approx.)
  - Area of outcrop
  - Fracture orientation
  - Strike and dip
  - Soil sample location and number, Au(ppb), Hg(ppb)
  - Silt sample location and number, Au(ppb), Hg(ppb)
  - 1988 rock sample location and number, Au(ppb), Hg(ppb)
  - 1987 rock sample location and number, Au(ppb)
  - Claim boundary and legal corner post
  - Creek (running, dry)
  - Road
  - Camp location
  - 50.00 Topographic contour (interval 100 feet)

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**18,578**

**P. D. LERICHE**  
FELLOW

0 500 1000 metres

**TRANSNATIONAL MARKETING INC.**

**LYNX PROPERTY**  
Lynx I, II, III Claims  
CLINTON MD, BC

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

Scale: 1 : 10 000    Drawn: J.S.    By: F.Y.  
Date: NOVEMBER 1988.    Fig. 4

Ashworth Explorations Limited