



1025

**GEOCHEMICAL AND GEOPHYSICAL REPORT**

on the

**CROOKED LAKE PROPERTY**

Cariboo Mining Division - British Columbia

Lat. 52° 15'N

Long. 120° 45'W

N.T.S. 93A 7E

BLUTO 1	7749	20 units
BLUTO 2	7750	20 units
KIT	5311	20 units
KEG	5314	10 units
BLUTO 3	8810	4 units

FILMED

for

**INTER-CANADIAN DEVELOPMENT CORP.**

by

Douglas J. Brownlee, B. Sc.

and

Donald G. Allen, P. Eng. (B.C.)

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**17,903**

FILMED

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## SUMMARY

Inter-Canadian Development Corp. holds 73 claim units in the Crooked Lake area southeast of Horsefly, B.C. Access is via good logging roads from Williams Lake or 100 Mile House, B.C. The property lies on the eastern edge of the Cariboo-Quesnel Gold Belt, a geologically favourable setting for Frasersgold type gold prospects.

The property is underlain by sedimentary units of the Quesnel River Group of Upper Triassic age. These units are similar to those hosting the Frasersgold gold prospect 13 kilometres to the east.

In 1987 and January, 1988, 26.0 line kilometres of grid were established and 593 soil samples collected at 50 metre intervals. A total of 24.5 line kilometres was surveyed at 25 metre intervals utilizing a Scintrex MP-2 proton magnetometer and 22.75 line kilometres utilizing a Sabre Model 27 VLF-electromagnetic unit.

Three significant geophysical and multielement geochemical anomalies were outlined. Zone 1 is a 50 to 200 metre wide silver-copper anomaly with scattered anomalous arsenic, molybdenum, zinc and gold values with an associated magnetic low and VLF-electromagnetic response. Zone 2 is a large area of anomalous molybdenum, copper, lead, silver, zinc, arsenic and scattered gold values lying on the western flank of the eastern magnetic high. An associated VLF-electromagnetic response is also associated. Where the northward extension of this zone intercepts the magnetic high, the geochemical anomaly becomes less intense, however the VLF-EM response and associated magnetic low shows a northward extension to the zone. Zone 3 is a 50 to 200 metre wide silver-copper anomaly with weak zinc, molybdenum, arsenic and gold anomalies lying on the eastern flank of the southern magnetic high. There is also a VLF-EM response associated with this zone.

A two phase exploration program is proposed to fully evaluate these anomalous areas.

## CONCLUSION

Results of work on the Crooked Lake property suggest that the three zones of interest outlined to date reflect interbedded sedimentary and volcanic units. High values of molybdenum, copper, lead, zinc, etc., in soils could reflect underlying metal rich black shales as the trend of the anomalies parallels that of the bedding. However some of the metal values are in the range that could reflect underlying mineralization of economic interest. The trend of the anomalies certainly parallels the stratigraphy. The anomalous cobalt, nickel, magnesium and chromium values and the magnetic anomalies suggest the possible presence of a shear or fault zone which might enclose an ultramafic body.

The geological setting (identical to that of the Frasersgold gold deposit) and widespread multielement geochemical anomalies indicate that the property has good potential to host gold mineralization of the Frasersgold type (disseminated gold and gold bearing quartz veins in graphitic phyllites) and/or mineralization in fault structures. A follow-up exploration program is warranted to investigate this potential.

## RECOMMENDATION

A two phase program is proposed to fully evaluate the mineral potential of the Crooked Lake property. Phase I consists of geological mapping, lithogeochemical sampling and trenching to test the three zones outlined in the survey for gold mineralization. Based on the results of Phase I, a Phase II follow-up program of diamond drilling would be recommended. Estimated costs of Phase I and Phase II are \$47,000.00 and \$120,000.00, respectively, for a grand total of \$167,000.00

ESTIMATED COSTS OF RECOMMENDATION

PHASE I Geochemical soil sampling, geological mapping, litho-geo-chemistry and trenching.

Salaries		
Geologist	30 days @ \$300/day	\$ 9,000
Assistant	30 days @ \$200/day	6,000
Room and Board	60 man-days @ \$35/day	2,100
Vehicle Rental		1,500
Material, Camp Supplies		1,500
Instrument Rental		1,000
Geochemical Analyses	400 samples @ \$15/sample	6,000
Backhoe for trenching	80 hours @ \$75/hr	6,000
Report, maps, consulting		<u>8,000</u>
	Subtotal	\$ 41,100
	Contingencies	<u>5,900</u>
	<b>TOTAL PHASE I</b>	<b>\$ 47,000</b>

PHASE II Diamond drilling.

Salaries		
Geologist	30 days @ \$300/day	9,000
Assistant	30 days @ \$200/day	6,000
Room and Board	60 man-days @ \$35/day	2,100
Vehicle Rental		1,500
Bulldozer - Site preparation	25 hours @ \$90/hr	2,250
Drilling	2,000 feet @ \$35/ft. (all inclusive)	70,000
Geochemical Analyses	350 samples @ \$15/sample	5,250
Material and Supplies		3,000
Report, maps, consulting		<u>8,000</u>
	Subtotal	\$107,100
	Contingencies	<u>12,900</u>
	<b>TOTAL PHASE II</b>	<b>\$120,000</b>
	<b>GRAND TOTAL</b>	<b>\$167,000</b>

## INTRODUCTION

Inter-Canadian Development Corp. holds a 50% interest in the Crooked Lake property comprising 73 claim units in the Crooked Lake area of east-central British Columbia. The property is strategically located in the Cariboo-Quesnel Gold Belt, 13 kilometres west of the Frasergold gold deposit which is currently being evaluated by Eureka Resources Ltd. and Southlands Resources Ltd. No mineralization is known on the Crooked Lake property, but it is underlain by the same black phyllite unit that hosts the Frasergold deposit. It was originally staked to cover an area of favourable geology and structural features. Airborne magnetic and electromagnetic surveys in 1984 subsequently discovered geophysical anomalies in the western part of the claim group.

This report summarizes geophysical and geochemical surveys conducted by A & M Exploration (under contract to Coast Leisure Living) for Inter-Canadian Development Corp. The initial survey was carried out by S. Travis, J. Cuvelier, C. Brooks, and B. Stewart from October 19th to October 25th, 1987. The geochemical survey and a portion of the geophysical survey was completed during the period of November 17th to 20th and December 2nd to 9th, 1987 by G. Barton, J. Cuvelier, C. Brooks, B. Dickson, D. Carsten and D. Hebditch. G. Barton and C. Brooks completed the geophysical survey from January 12th to 23rd, 1988.

## LOCATION, ACCESS

The property lies immediately west of the north end of Crooked Lake, 85 kilometres east northeast of Williams Lake, British Columbia (Figures 1 and 2). The property lies at  $52^{\circ} 15' N$  latitude and  $120^{\circ} 45' W$  longitude and is covered by N.T.S. sheet 93 A/7 and A/2.

Access to the property is by a good grade logging road from Horsefly, B.C. to Crooked Lake and thence by 4-wheel drive road west onto the claims.

Topography in the claim area is gentle to moderately steep. Elevations range from 1000 to 1400 metres (3,300 to 4,600 feet). Slopes

INTER CANADIAN DEVELOPMENT CORP.  
CROOKED LAKE PROPERTY  
LOCATION MAP

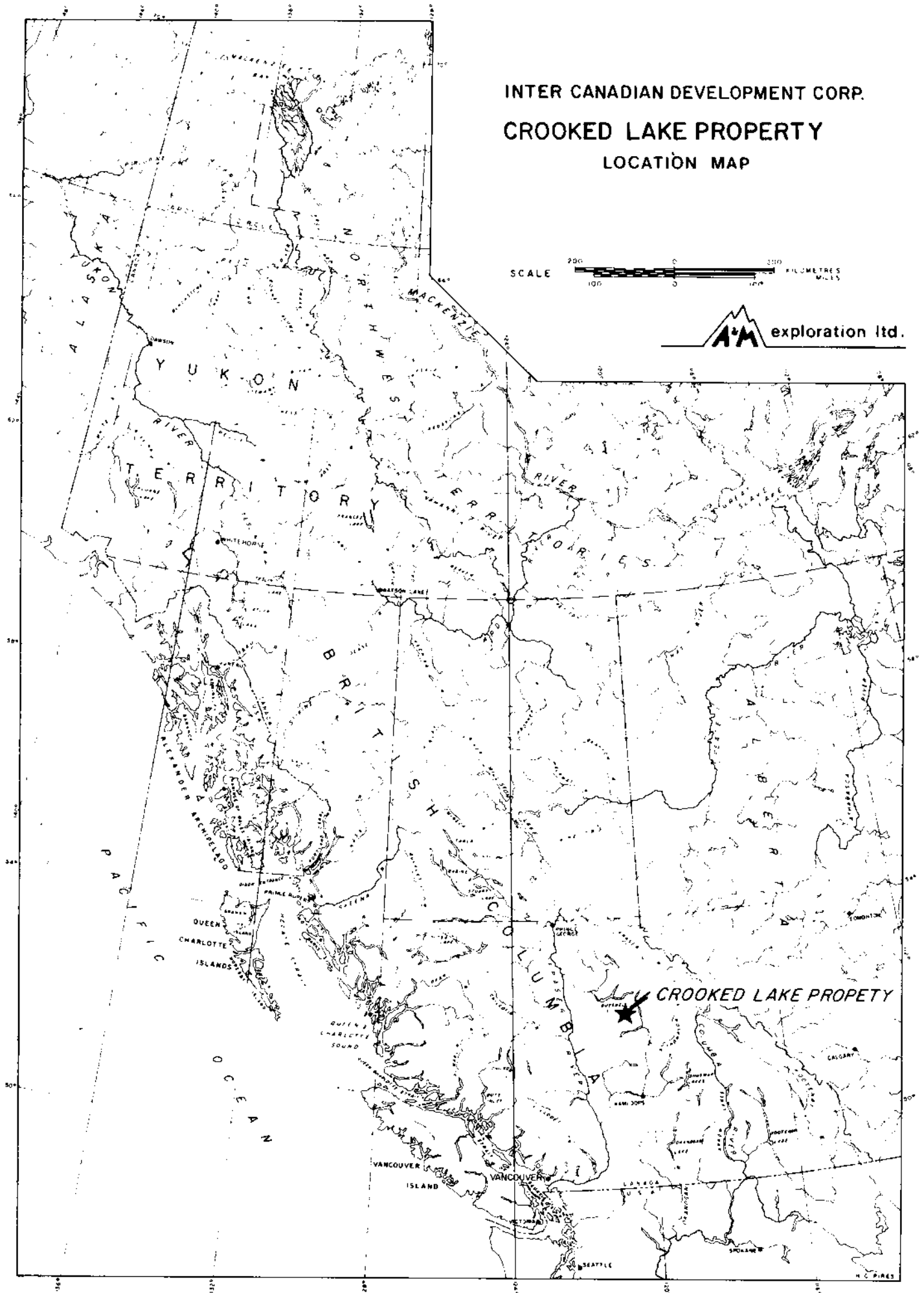
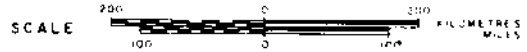


FIGURE - 1





INTER CANADIAN DEVELOPMENT CORP.

N.T.S. 93 A/7

## ACCESS MAP

CROOKED LAKE PROPERTY

CARIBOO MINING DIVISION - BRITISH COLUMBIA



exploration Ltd.



are covered with a mature growth of balsam fir and spruce, which locally has been logged.

### CLAIM DATA

The Crooked Lake property is comprised of five claims totalling 73 claim units in the Cariboo Mining Division as shown on Figure 3. The claim data is as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>
BLUTO 1	7749	20	July 4, 1989
BLUTO 2	7750	20	July 4, 1989
KIT	5311	20	Oct. 25, 1988
KEG	5314	9	Oct. 25, 1988
BLUTO 3	8810	4	Oct. 26, 1989

The claims are held by Inter-Canadian under a joint venture agreement with Paragon Resources Ltd. The BLUTO 1 and 2 claims are registered in the name of D. J. Brownlee. The BLUTO 3 claim is registered in the name of B. Stewart. All are held in trust for Inter-Canadian Development Corp.

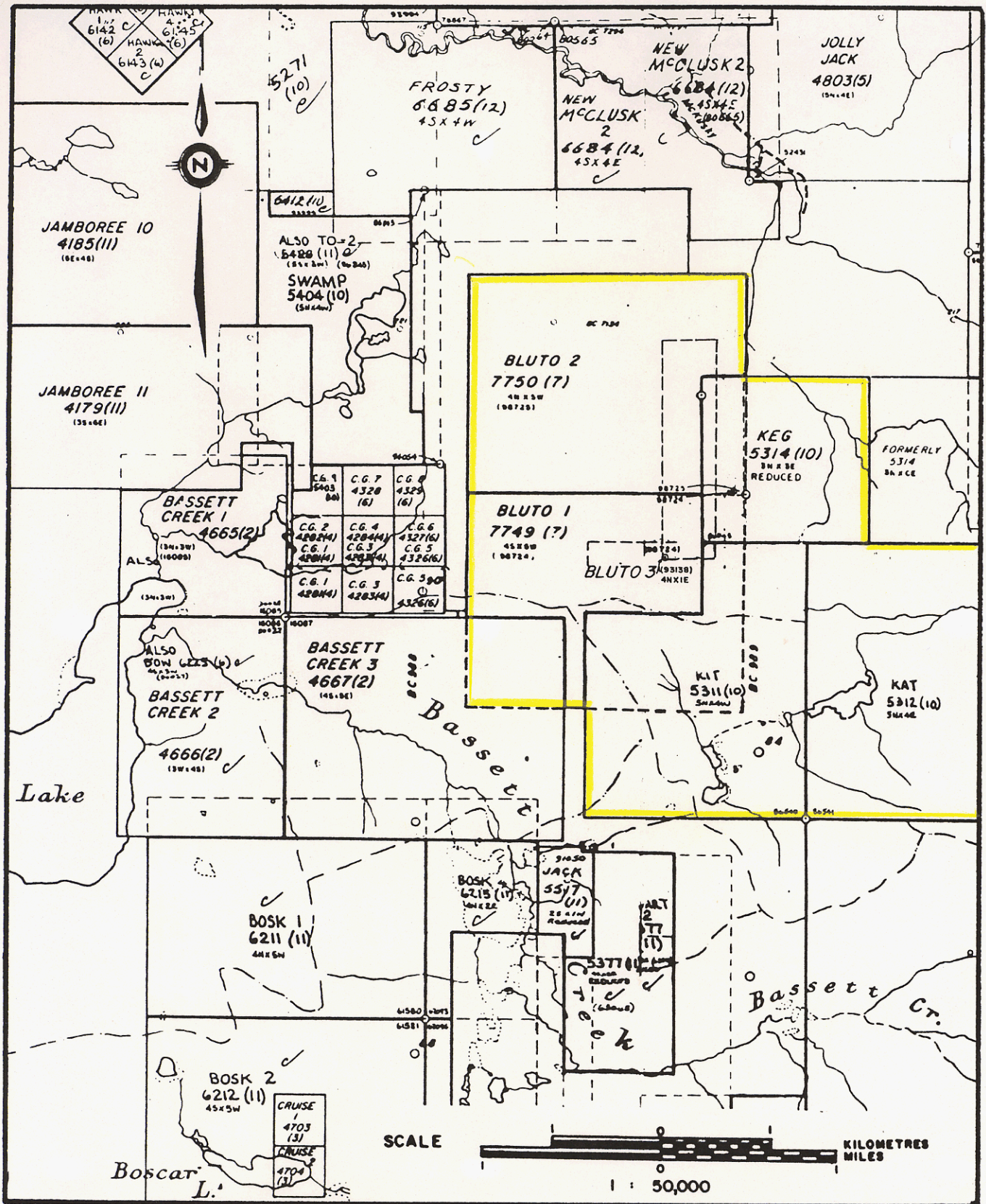
### HISTORY

There is no history of any work in the ground held by Inter-Canadian and Paragon, however older claim maps show that the ground has been held by various individuals at different times.

An airborne geophysical survey was flown on behalf of the companies by Apex Airborne Surveys Ltd. in June, 1984 which covered the KIT, KEG and ground now covered by the BLUTO claims. This survey identified a distinct VLF-electromagnetic response which trends to the northwest in the centre of the BLUTO 1 claim. The VLF-EM response according to Sheldrake (1984) was stated to be possibly due to a zone of metallic mineralization although contact and/or fault structure response could not be ruled out.

The airborne survey was followed shortly thereafter by a preliminary program of geological mapping and soil sampling over the





N.T.S. 93 A/7E&W, /2E&W  
 INTER CANADIAN DEVELOPMENT CORP.  
**CLAIM MAP**  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**A.M.** *Donald G. Allen*  
 exploration ltd.

Figure 3



area of the BLUTO 1 claim. This program was conducted by Dolmage Campbell and Associates (1975) Ltd. for Paragon Resources Ltd. and Lodestone Mining Corp. (predecessor company to Inter-Canadian). The program outlined an area of anomalous gold, arsenic, lead and zinc values in the western portion of the area now covered by the BLUTO 1 claim. There was some question of the actual location of some of the original claims and apparently part of the 1984 survey grid was run on ground not held by the companies. Some of the claims in that area lapsed in 1985 and 1986 and were restaked as the BLUTO 1 and 2 by Douglas J. Brownlee on June 12, 1987.

A preliminary program of magnetometer and soil geochemical surveying was carried out mainly for assessment purposes to the north of the 1984 airborne VLF-EM anomaly from June 25th to June 29th, 1987.

#### 1987-1988 WORK PROGRAM

The 1987-1988 work program was designed to investigate the airborne magnetic and VLF-electromagnetic anomalies that were obtained in the western part of the claim group. These anomalies were known to be underlain by the black phyllite unit, the same host rock for the Frasergold deposit. Scattered multielement geochemical anomalies were also known from the western part of the 1984 Dolmage Campbell survey grid.

S. Travis and assistants initiated geophysical and geochemical surveys from October 19th to October 25th, 1987. G. Barton and assistants extended these surveys from November 17th to 20th, 1987, December 2nd to 9th, 1987 and January 12th to 23rd, 1988. To facilitate field work, a flagged grid with 100 metre line spacing and 25 metre stations of 26.0 line kilometres of line was established. A total of 24.75 line kilometres were surveyed at 25 metre intervals with a Scintrex MP-2 magnetometer and 22.75 line kilometres by a Sabre Model 27 VLF-EM. The baseline was run twice with the magnetometer to correct for diurnal variation and to serve as a base level for the cross lines.

A total of 593 soil samples were collected at 50 metre intervals. These samples were analysed for gold by standard atomic absorption techniques and for 30 element analysis by inductively coupled plasma spectrometry.

## GEOLOGY

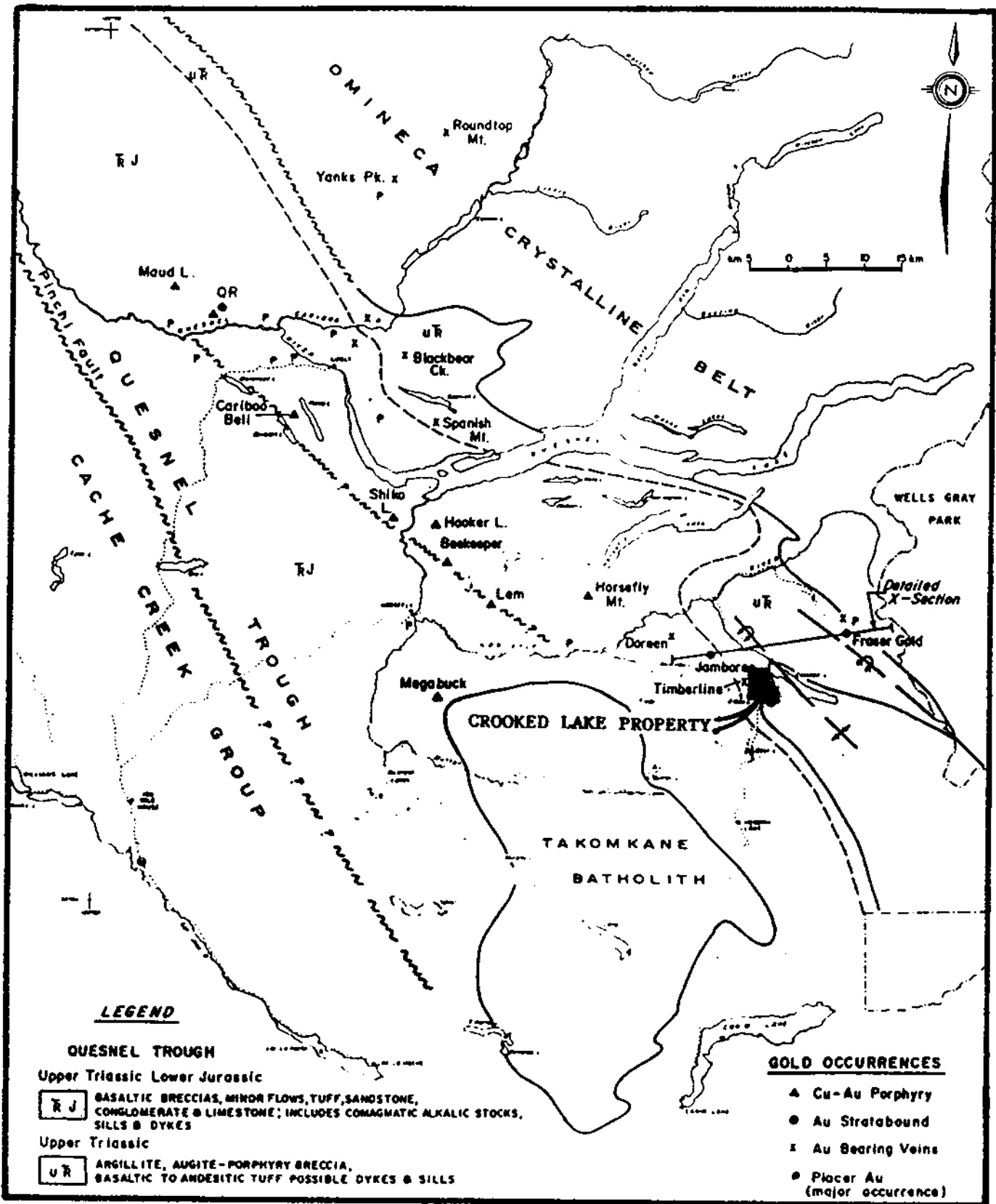
### Regional Geology

The Crooked Lake property is in the Cariboo-Quesnel Gold Belt, a belt of mainly gold and copper occurrences that occur in a variety of geological settings over a broad stratigraphic range (Saleken and Simpson, 1984) (Figures 4a and 4b). Common features of all is that they are of early Mesozoic age and occur in the Quesnel Trough, a linear belt of volcanic and sedimentary rocks. This belt is interpreted to be an island arc assemblage which was formed at a consuming plate margin above an easterly dipping subduction zone and subsequently accreted to the margin of the North American continent. It is bounded on the east by Paleozoic and Precambrian strata and on the west by Paleozoic rocks of the Cache Creek Group.

### Mineral Occurrences Of The Cariboo-Quesnel Gold Belt

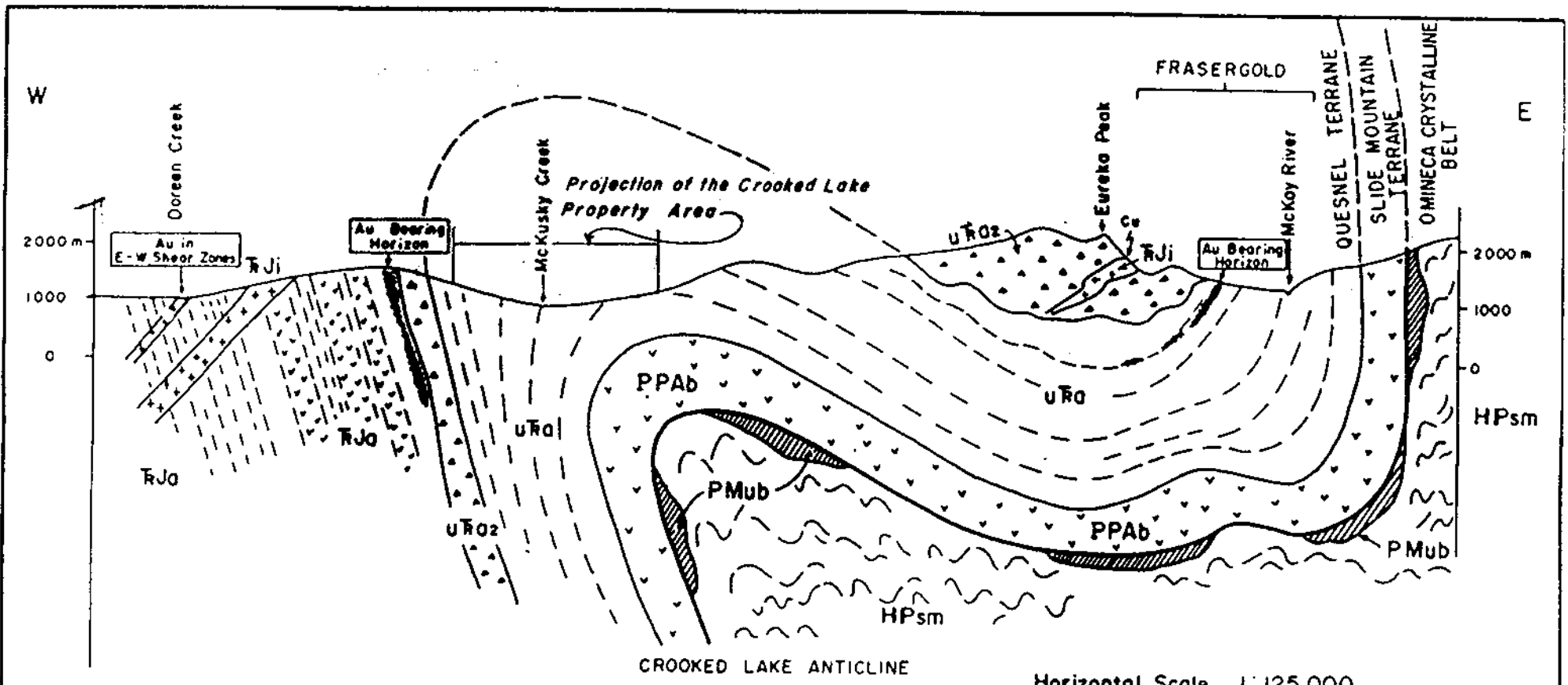
In addition to the well known placer gold deposits of the Cariboo-Quesnel Gold Belt, a number of significant lode gold deposits occur in the belt.

The primary exploration target, in the case of the Crooked Lake property, is semi-conformable stratabound gold mineralization hosted by sedimentary and volcanic rocks, of which the Frasergold (2.5 million tons grading .067 ounces per ton gold with 850,000 tons grading 0.102 ounces per ton gold) deposit, with its similar lithology and proximity, is the best example. The geology of this deposit was described by Belik (1982) in the early exploration stages and the geologic setting described by Bloodgood (1987). According to Bloodgood, gold mineralization is associated with pyrite, pyrrhotite and chalcopyrite



QUESNEL GOLD BELT  
TECTONIC FEATURES AND GOLD OCCURRENCES

After Saleken and Simpson (1984)



Horizontal Scale 1:125,000  
 Vertical Scale 1:100,000

INTRUSIVE ROCKS

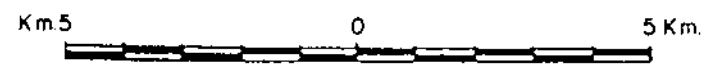
- Jurassic, Cretaceous  
 PMub Peridotite, Serpentinite
- Triassic Jurassic  
 R Ji Diorite, Granodiorite

VOLCANIC & SEDIMENTARY ROCKS

- Triassic & Jurassic  
 R Ja Basaltic tuff and breccia, argillite, chert
- Upper Triassic  
 u Ra Black phyllite, argillite
- Upper Paleozoic  
 u Ra 2 Andite porphyry breccia, amphibolite
- Slide Mt Group (Antler Fm)  
 PPab
- Proterozoic  
 HPsm Snowshoe Fm.

Figure 4b E-W geological cross-section north of Crooked Lake

(After Campbell, 1978)  
 GSC Q.F. 574



which occur as disseminations and in quartz veins in an iron-carbonate-rich member of a black phyllite unit. The quartz veins are subparallel to bedding and foliation of the phyllite and are interpreted to have developed early in the structural history of the area and represent metamorphic segregations associated with dewatering of the sediments. The mineralization is roughly stratabound and is considered to be syngenetic with later remobilization during metamorphism.

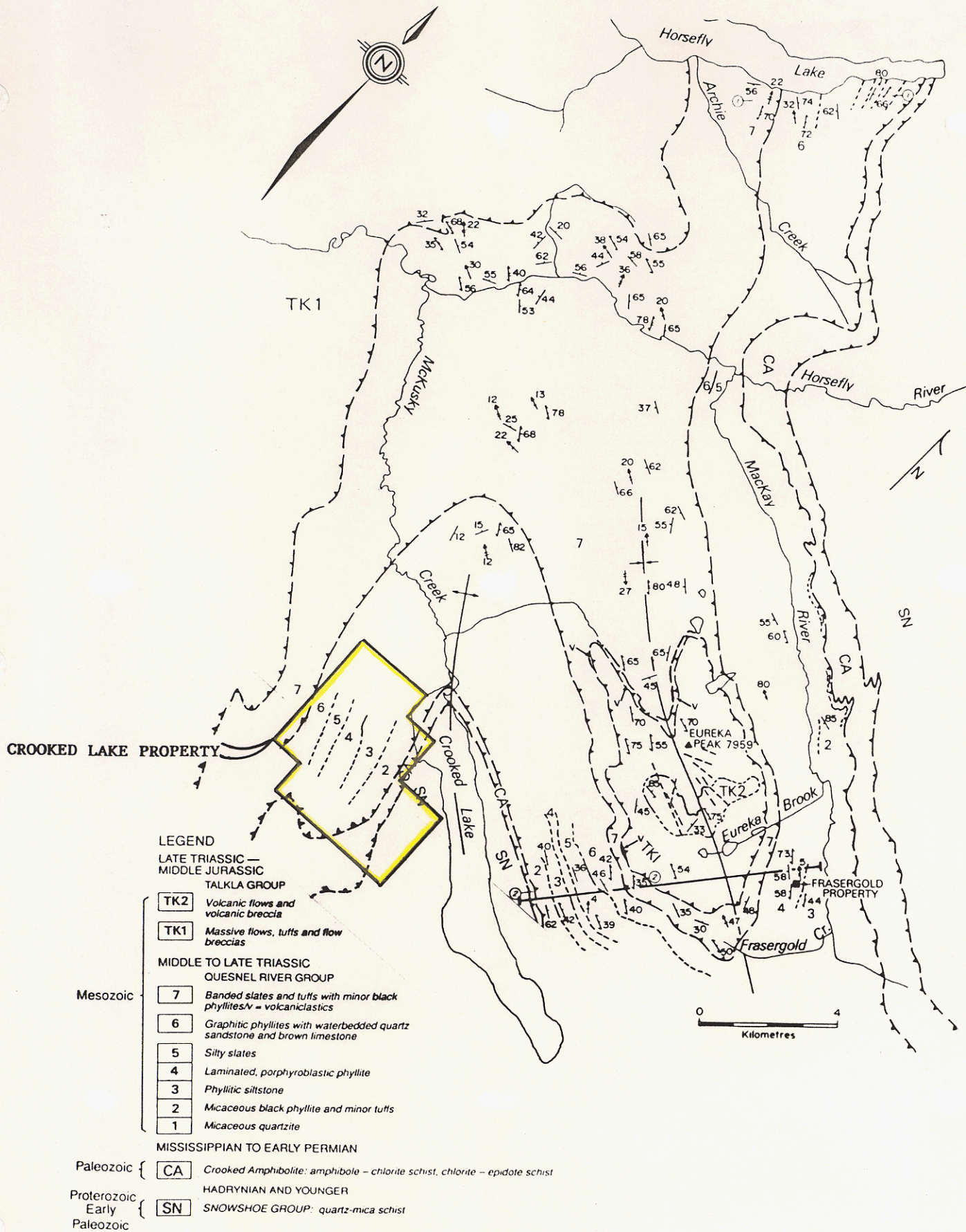
Another possible target-type to consider is the QR-deposit which is currently being developed by Placer Dome Inc. (1.1 million tons grading 0.21 ounces per ton, July 10, 1987 Placer Dome Inc. and Campbell Red Lake Mines Information Circular). According to Fox et al (1987) gold mineralization at the QR deposit is stratabound, occurring with pyritized chalcopyrite within a propylitic alteration halo developed around a zoned alkalic stock, with the best gold tenor obtained at a sharp reaction front. Genesis of the deposit is related to the ongoing evolution of the volcanic pile.

#### Property Geology

Except for preliminary mapping by Adamson (1984), little geological mapping has been undertaken on the Crooked Lake property because most of the work to date has been conducted during inclement weather and heavy snow conditions. Black phyllite and mafic metavolcanic rocks are shown by Adamson to underly their grid area. Again because of snow conditions, their grid could not be located and tied in to the current grid.

The property is underlain on the east by the metavolcanic rocks of the Crooked amphibolite of Mississippian to early Permian age. This unit is structurally overlain (separated by the Eureka Thrust) by the black phyllite units of the Quesnel River Group which underlies most of the area of interest on the property. This group has been divided by Bloodgood (1987) into seven lithological units comprising micaceous quartzites, grey silty slates, phyllite and graphitic phyllite (Fig. 5).





GEOLOGY OF THE HORSEFLY-CROOKED LAKES AREA

Figure 5



All, except for the lowermost unit, outcrop on the property, including the sedimentary unit that hosts the Frasergold deposit. Bedding trends north-northeasterly and dips steeply to the east.

### GEOCHEMICAL SURVEY

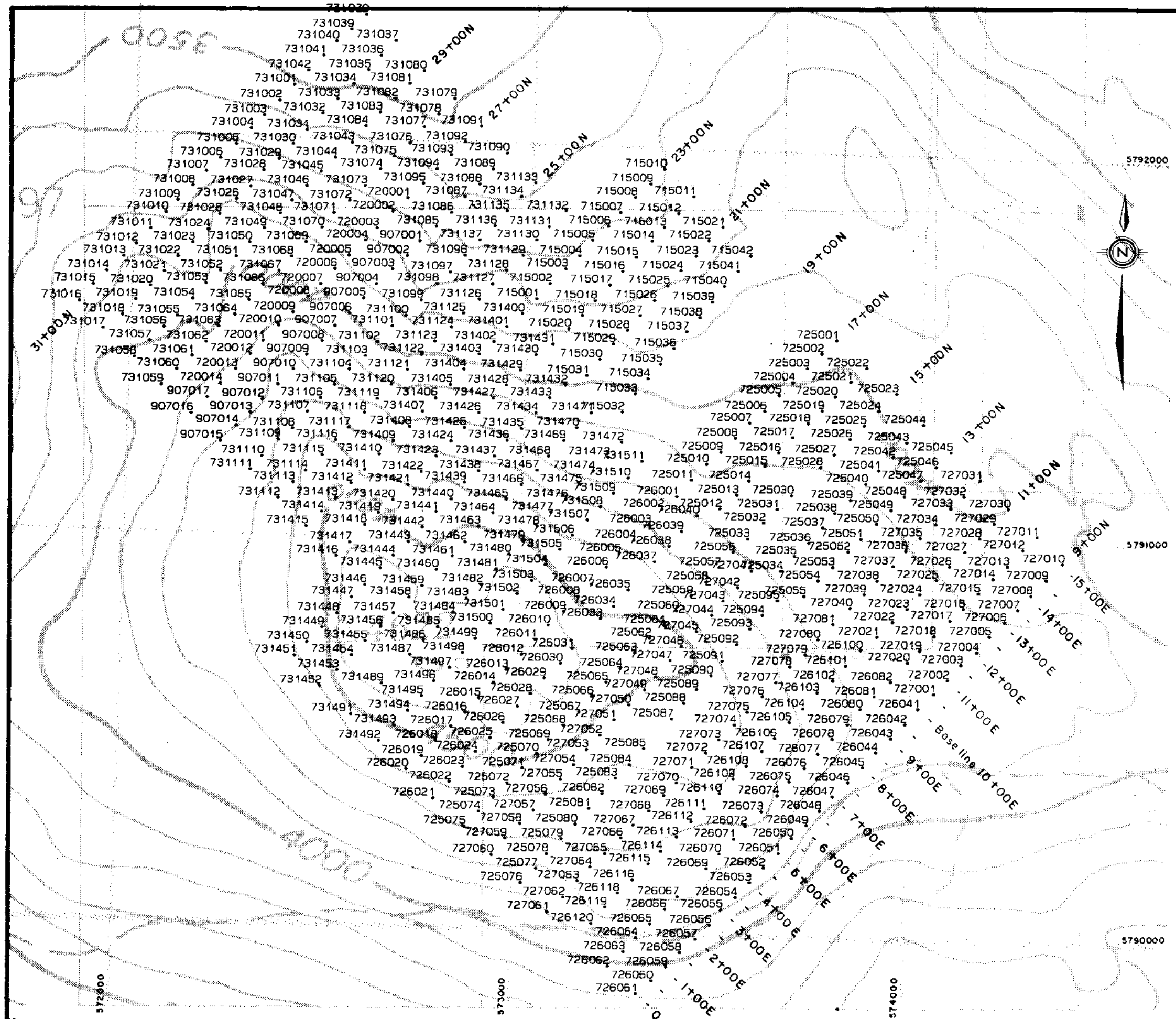
A total of 593 soil samples were collected from the grid at 50 metre intervals. Soil samples consisted of "B" horizon material which were taken at depths ranging from 20 to 35 centimetres, and placed in Kraft paper envelopes. The samples were sent to Rossbacher Laboratory Ltd. in Burnaby, B.C. and analysed for gold using atomic absorption techniques, and then to Acme Analytical Laboratory Ltd. in Vancouver, B.C. for 30 element analyses by inductively coupled plasma spectrometry. (Analytical data and statistical summaries are presented in Appendix I and II, respectively).

Soil sample locations and results for gold, silver, molybdenum, copper, arsenic, zinc, lead, manganese, chromium and calcium were computer plotted as dot maps at a scale of 1:10,000 (Figures 6a to 6m).

The geochemical survey has outlined three geochemically anomalous zones trending north-northwest across the property. Zone 1 forms a 50 to 200 metre wide geochemical anomaly along the western portion of the grid. The anomaly is comprised of silver (up to 14.4 parts per million) and copper (up to 184 ppm) with scattered arsenic (up to 93 ppm), zinc (up to 788 ppm), molybdenum (up to 78 ppm) and two isolated gold responses (30 and 40 parts per billion).

Zone 2 is a 50 to 400 metre wide geochemical anomaly trending north-northwest through the central portion of the grid. The anomaly is comprised of molybdenum (up to 113 ppm), copper (up to 257 ppm) lead (up to 367 ppm), silver (up to 14.6 ppm), zinc (up to 1625 ppm) and arsenic (up to 197 ppm) with scattered gold responses of up to 40 parts per billion.

Zone 3 is a 50 to 200 metre wide geochemical anomaly in the southeastern portion of the grid. The anomaly is comprised of copper



**LEGEND**

731039 Sample site, Sample number.

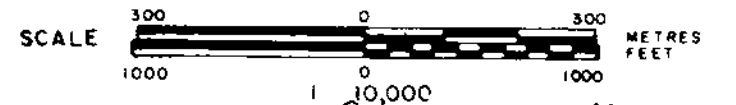
5792000 U.T.M. coordinates

Claim boundary

4000 Tapographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
CROOKED LAKE PROPERTY  
CARIBOO MINING DIVISION - BRITISH COLUMBIA

**GEOCHEMICAL MAP  
SAMPLE SITES**

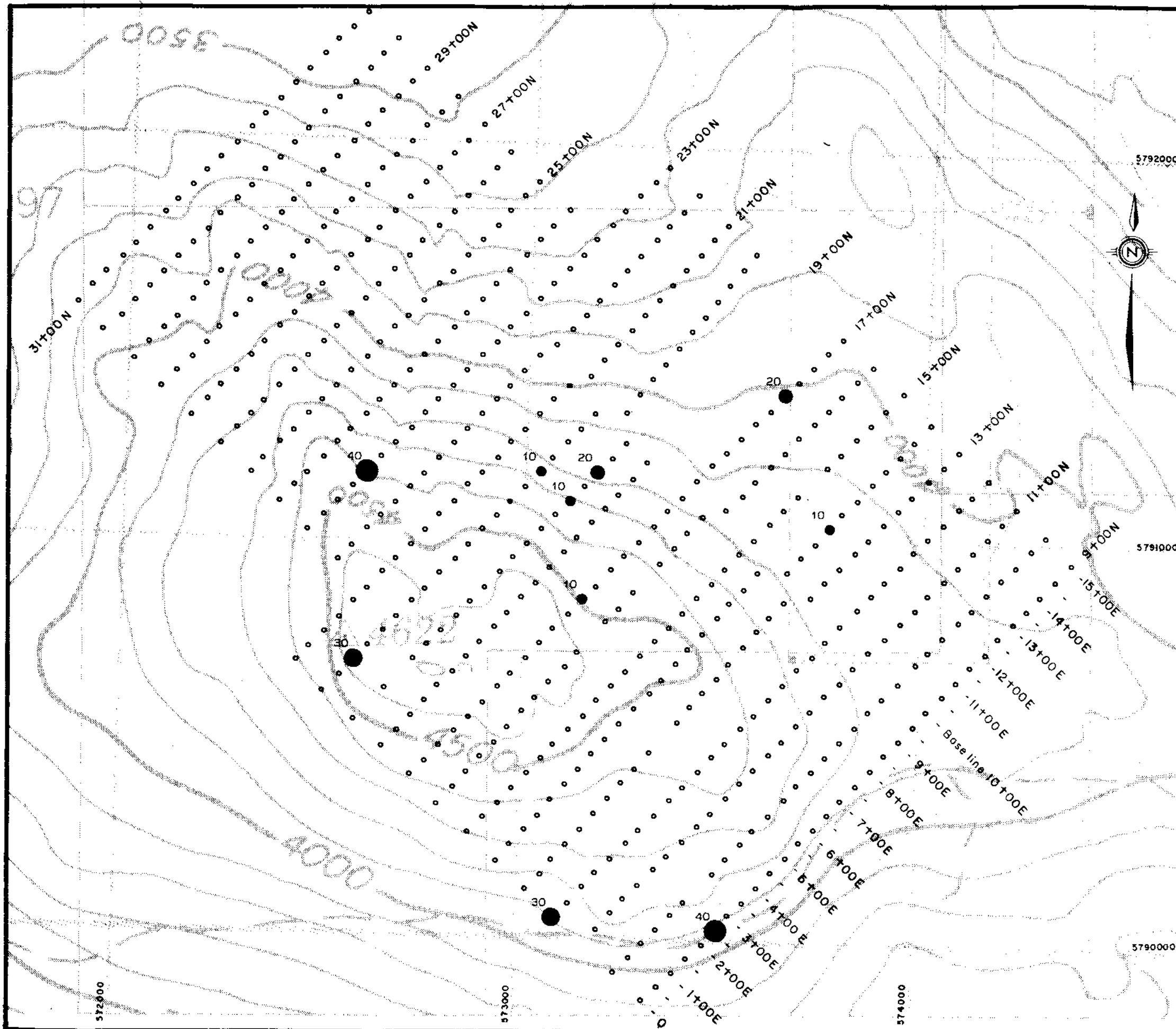


*Donald J. [Signature]*  
**A.M. exploration Ltd**

Feb., 1988

N.T.S. 93A/7

FIGURE 6a

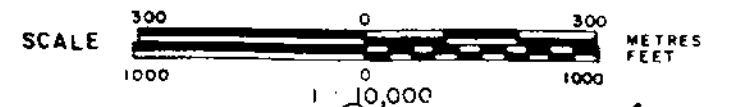


**LEGEND**

- Au ppb
- ≥ 40
- ≥ 30
- ≥ 20
- ≥ 10
- ≥ 5
  
- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 GOLD (ppb)**



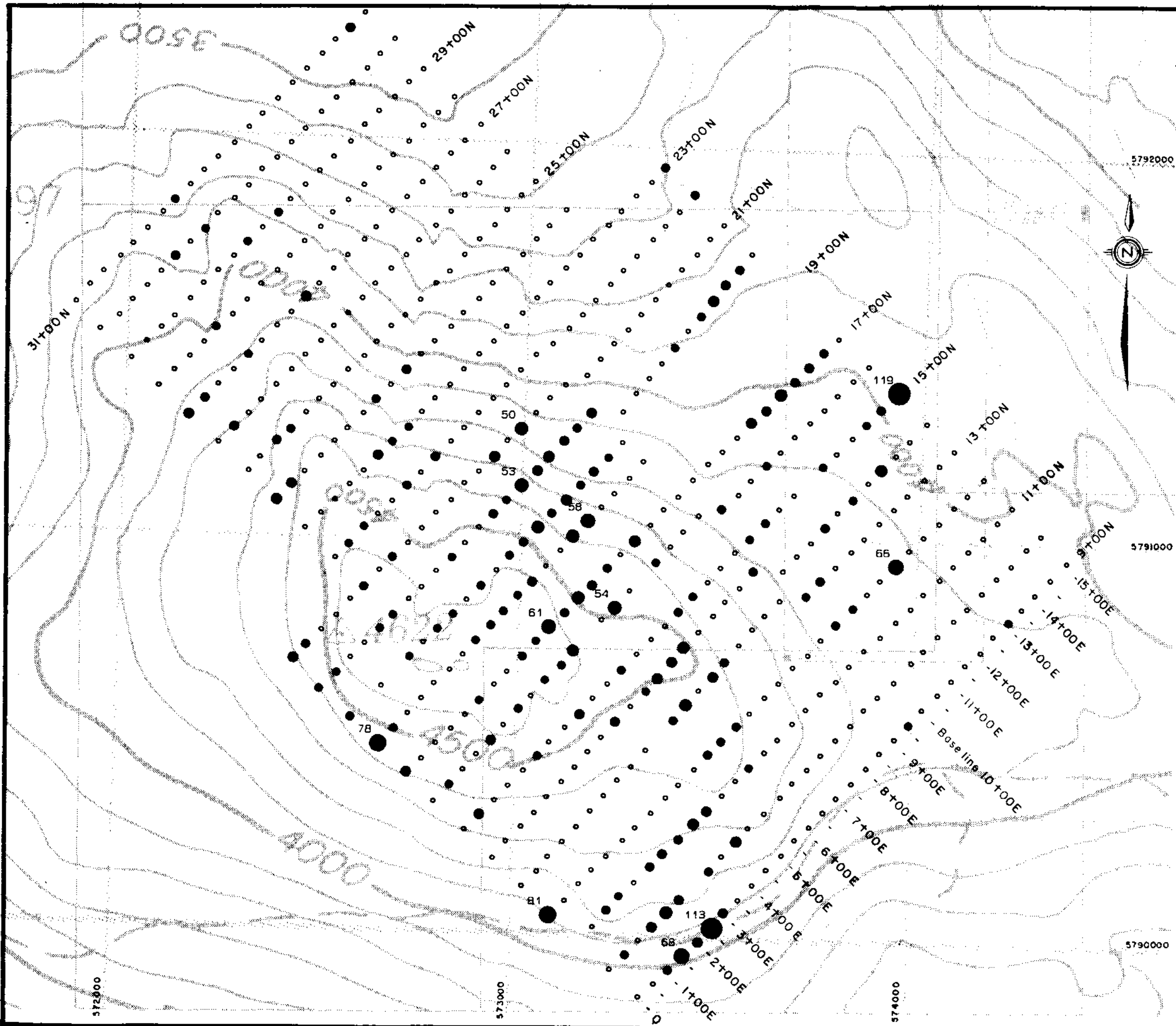
*Donald J. Allen*  
**A.M. exploration ltd**

Feb., 1988

N.T.S. 93A/7

FIGURE 6B





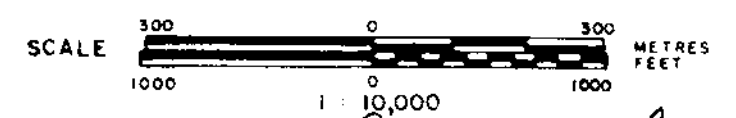
**LEGEND**

- Mo ppm
- ≥ 113
- ≥ 96
- ≥ 64
- ≥ 32
- ≥ 1

- 5792000  
5791000  
5790000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
**CROOKED LAKE PROPERTY**  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA

**GEOCHEMICAL MAP**  
**MOLYBDENUM (ppm)**

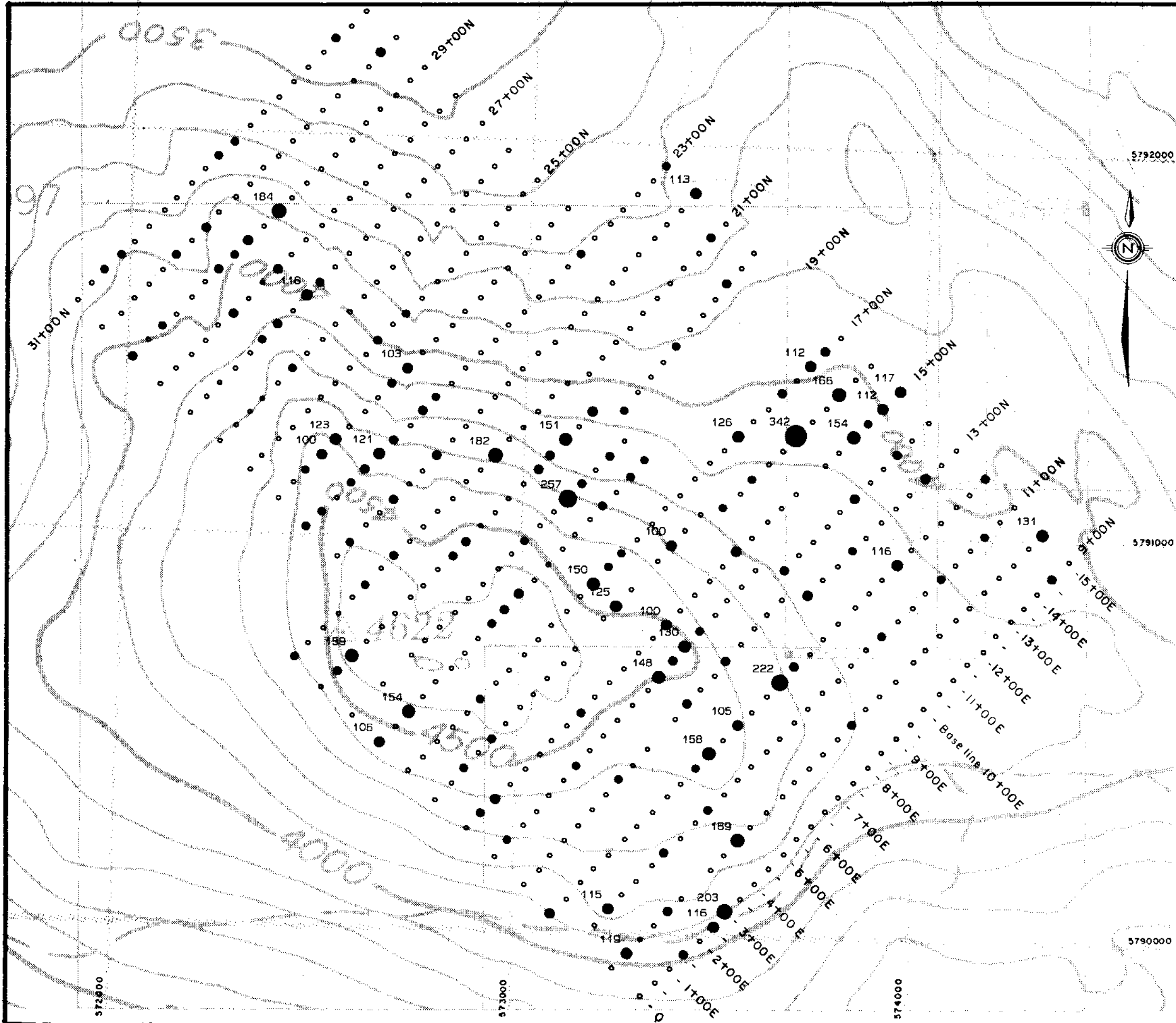


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FIGURE 6d



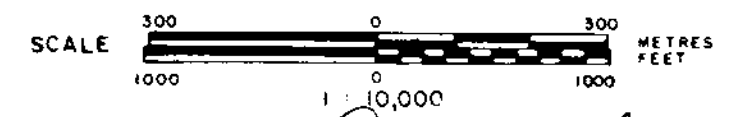
**LEGEND**

- Cu ppm
- ≥ 342
  - ≥ 200
  - ≥ 150
  - ≥ 100
  - ≥ 2

- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 COPPER (ppm)**

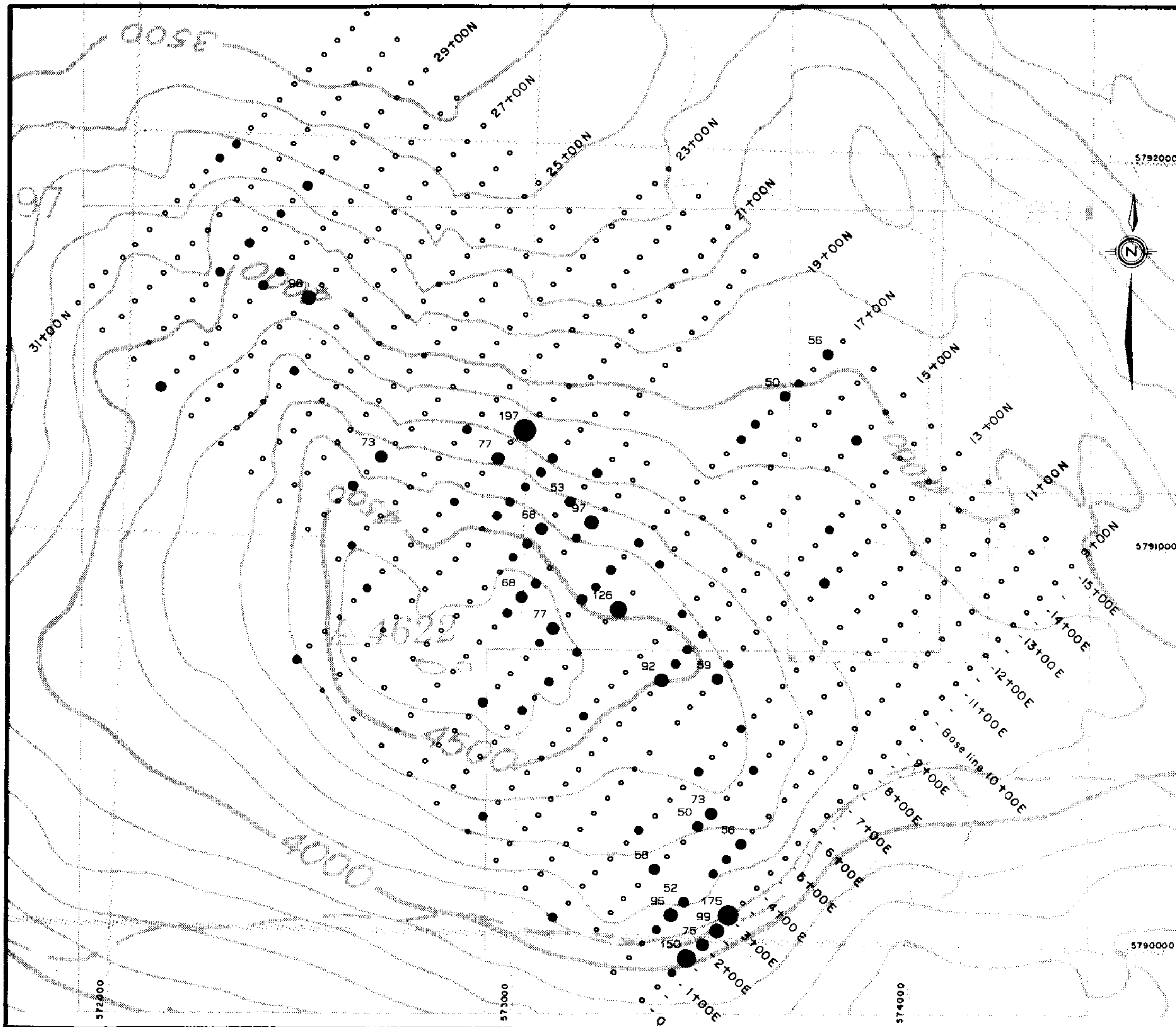


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 A.M. exploration Ltd.

Feb., 1988

N.T.S. 93A/7

FIGURE 6e

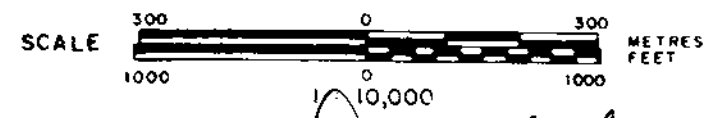


**LEGEND**

- As ppm
  - ≥ 197
  - ≥ 150
  - ≥ 100
  - ≥ 50
  - ≥ 2
- 
- 5792000 U.T.M. coordinates
  - Claim boundary
  - 4000 Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 ARSENIC (ppm)**



*Donald J. Allen*  
**A.M. exploration Ltd**

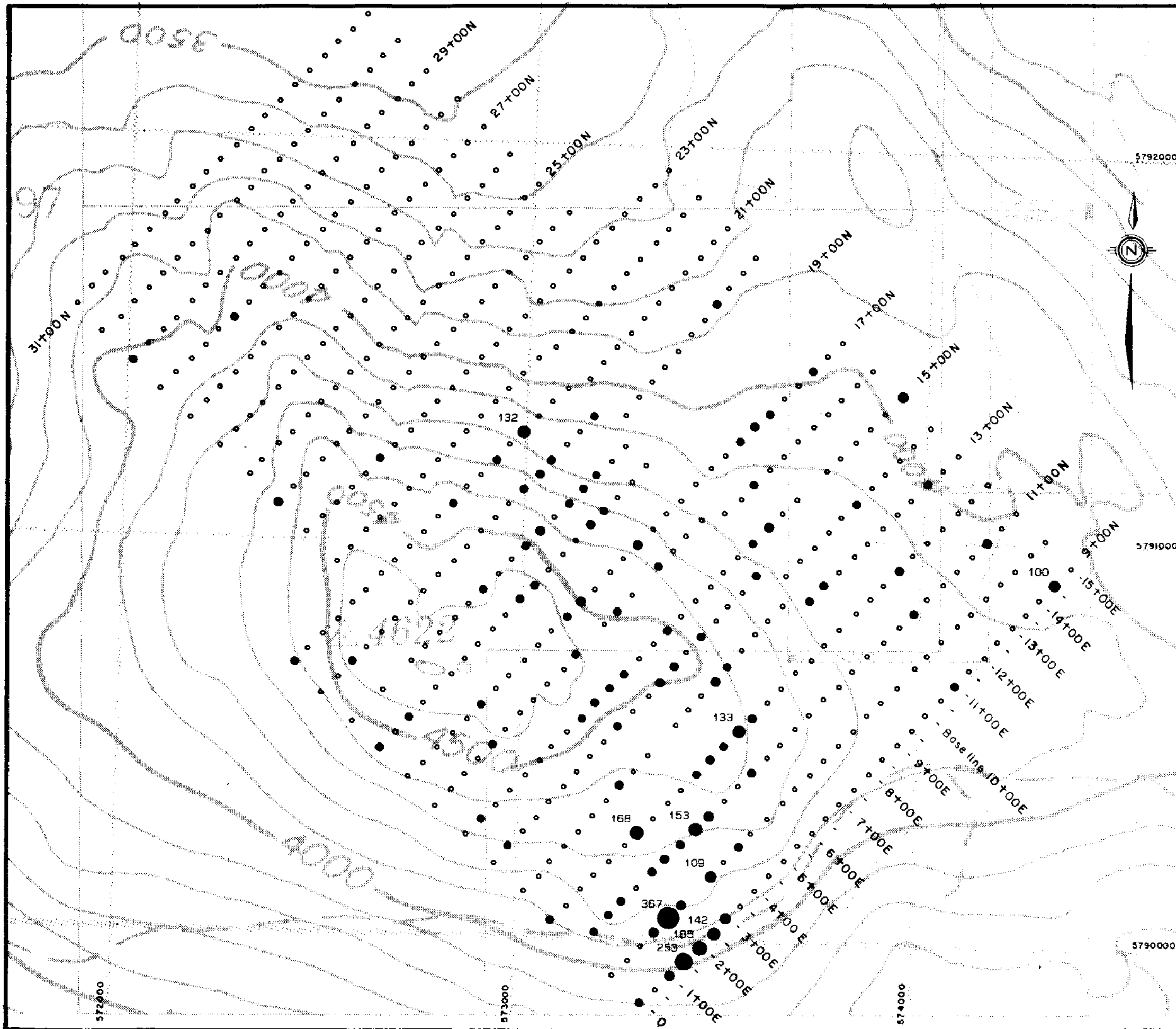
Feb., 1988

N.T.S. 93A/7

FIGURE 61





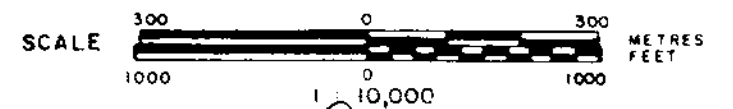


**LEGEND**

- Pb ppm
  - ≥ 367
  - ≥ 250
  - ≥ 150
  - ≥ 100
  - ≥ 2
- 
- 5792000  
-----  
UTM coordinates
  - ┌-----  
Claim boundary
  - ~~~~~  
4000  
Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
CROOKED LAKE PROPERTY  
CARIBOO MINING DIVISION - BRITISH COLUMBIA

**GEOCHEMICAL MAP  
LEAD (ppm)**

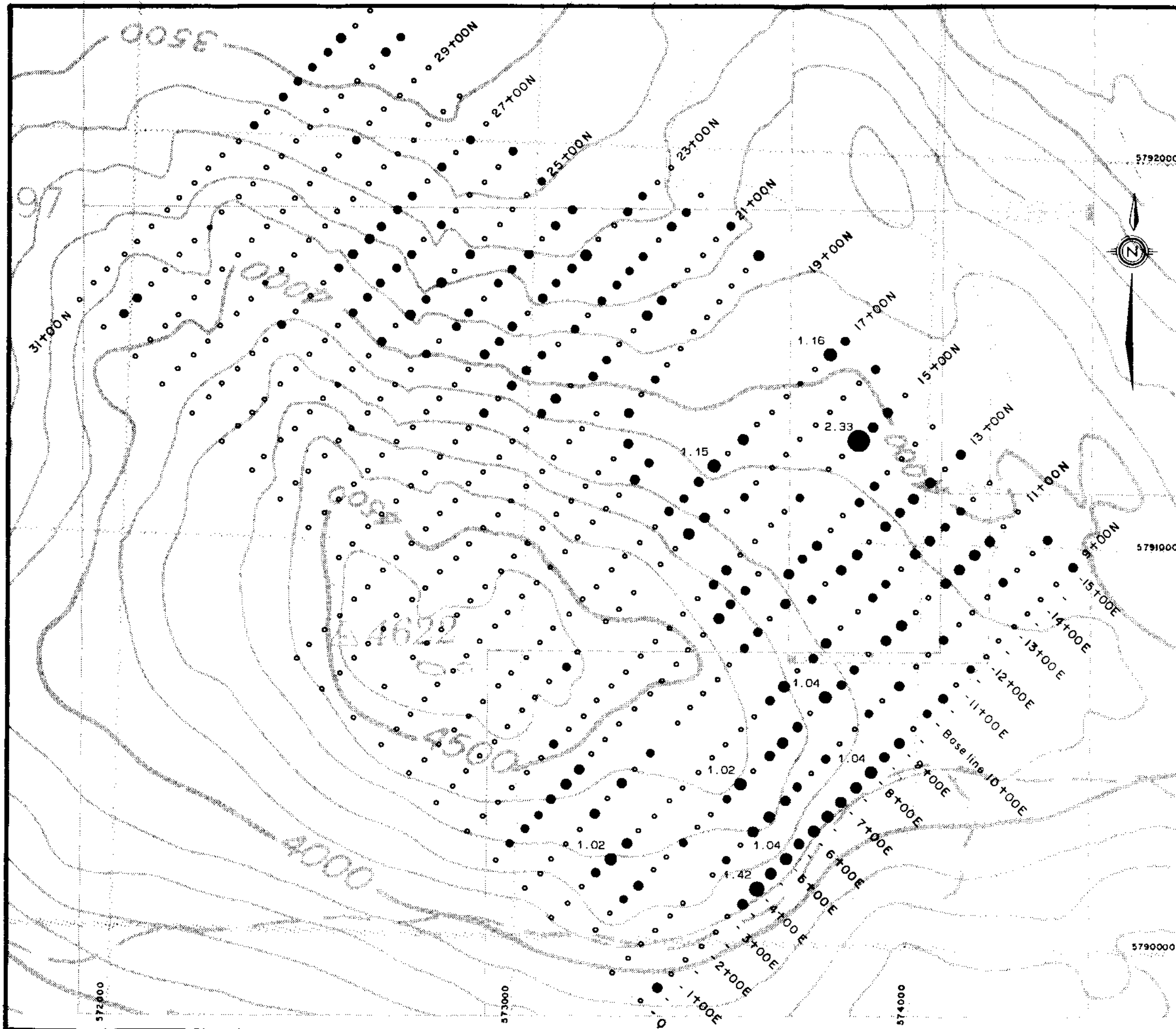


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**A.M. exploration Ltd**

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N.T.S. 93A/7

FIGURE 6h

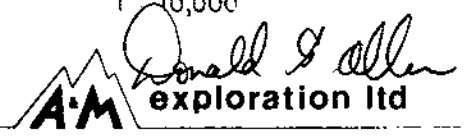
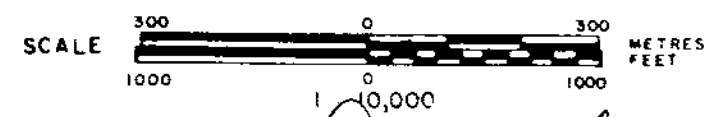


**LEGEND**

- Mg (%)
- ≥ 2.33
  - ≥ 2.0
  - ≥ 1.32
  - ≥ 0.66
  - ≥ 0.02
- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

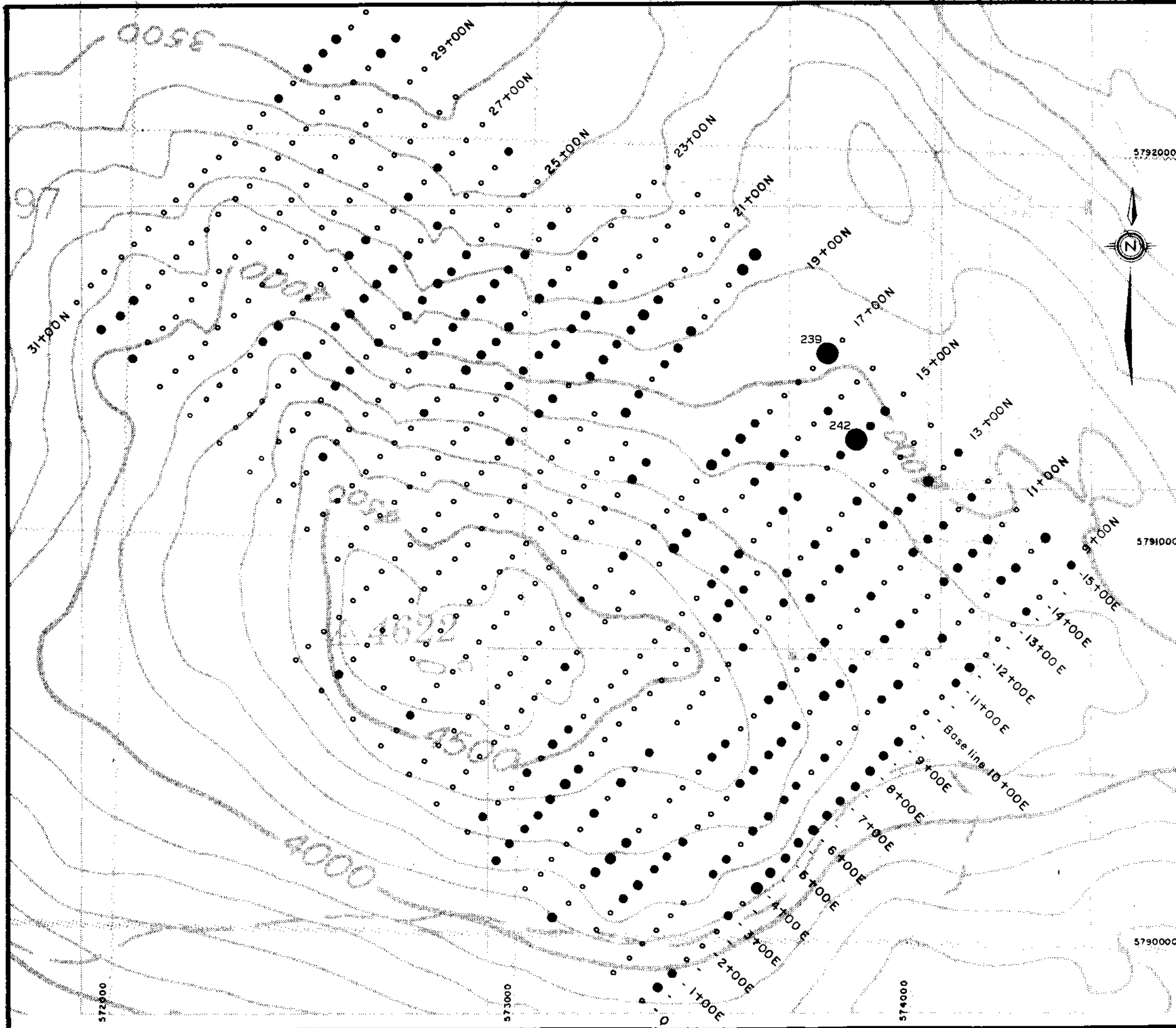
**GEOCHEMICAL MAP  
 MAGNESIUM (%)**



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FIGURE 61



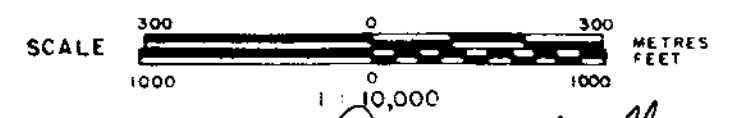
**LEGEND**

- Cr ppm
- ≥ 239
- ≥ 200
- ≥ 135
- ≥ 68
- ≥ 4

- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 CHROMIUM (ppm)**

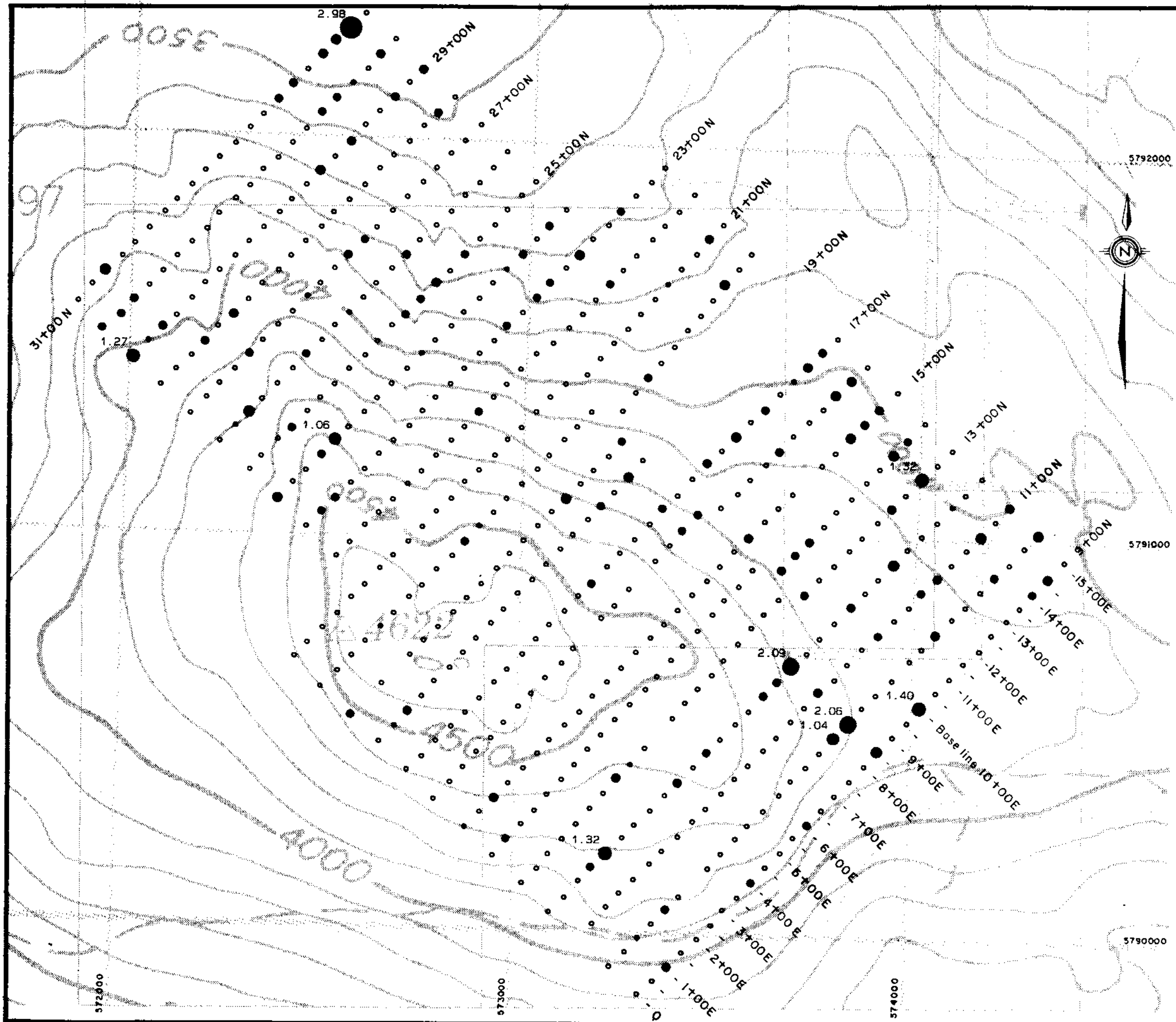


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FIGURE 6j



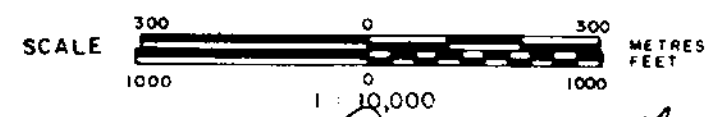
**LEGEND**

- Ca
- ≥ 2.98
- ≥ 2.00
- ≥ 1.40
- ≥ 0.85
- ≥ 0.01

- 5792000  
U.T.M. coordinates
- Claim boundary
- 4000  
Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 CALCIUM ( % )**

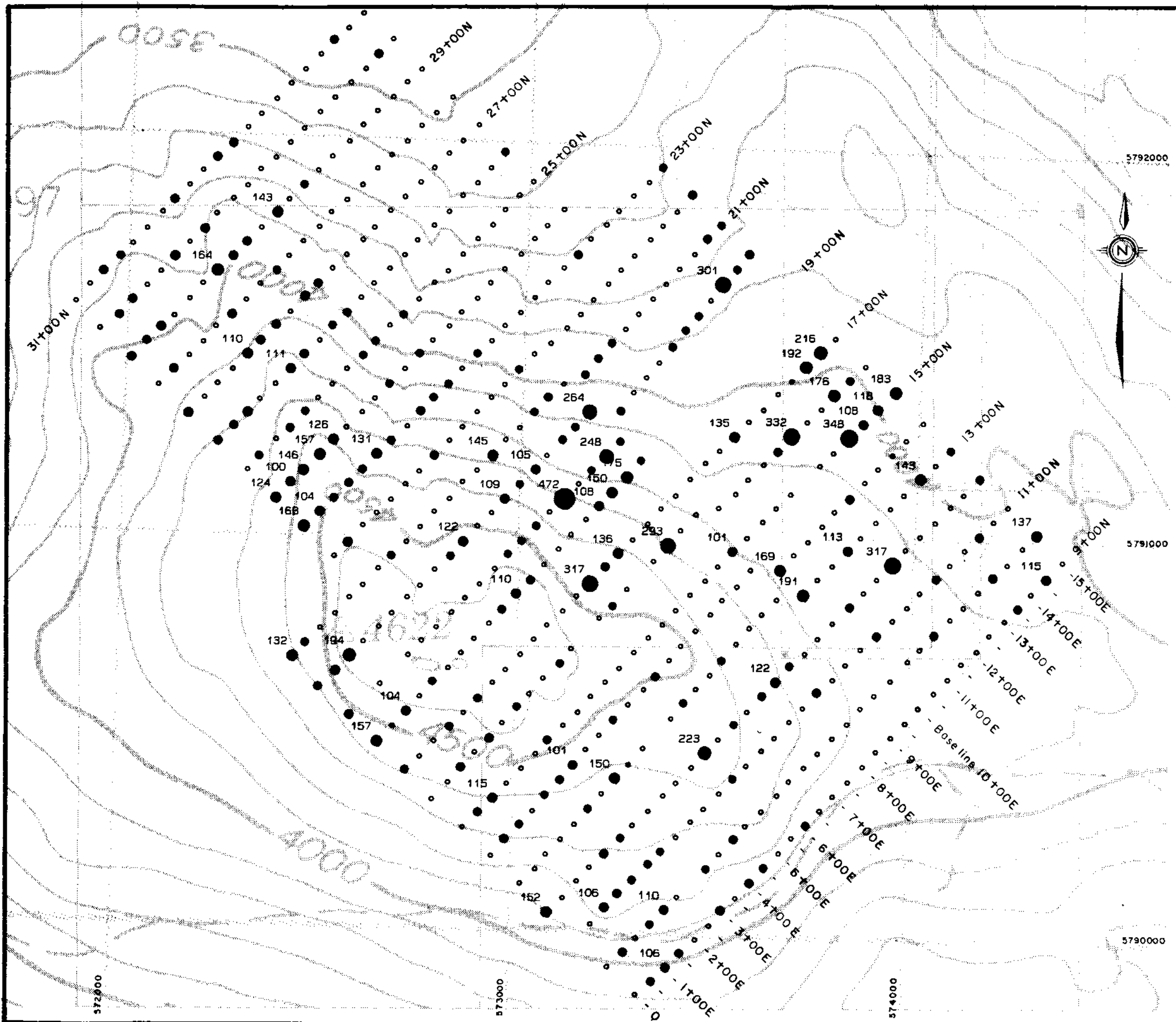


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FIGURE 6k



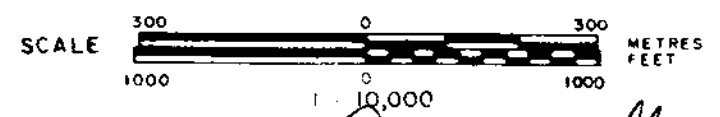
**LEGEND**

- Ni ppm
- ≥ 472
  - ≥ 300
  - ≥ 200
  - ≥ 100
  - ≥ 4

- 5792000 U.T.M. coordinates
- Claim boundary
- 4000 Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
**CROOKED LAKE PROPERTY**  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 NICKEL (ppm)**

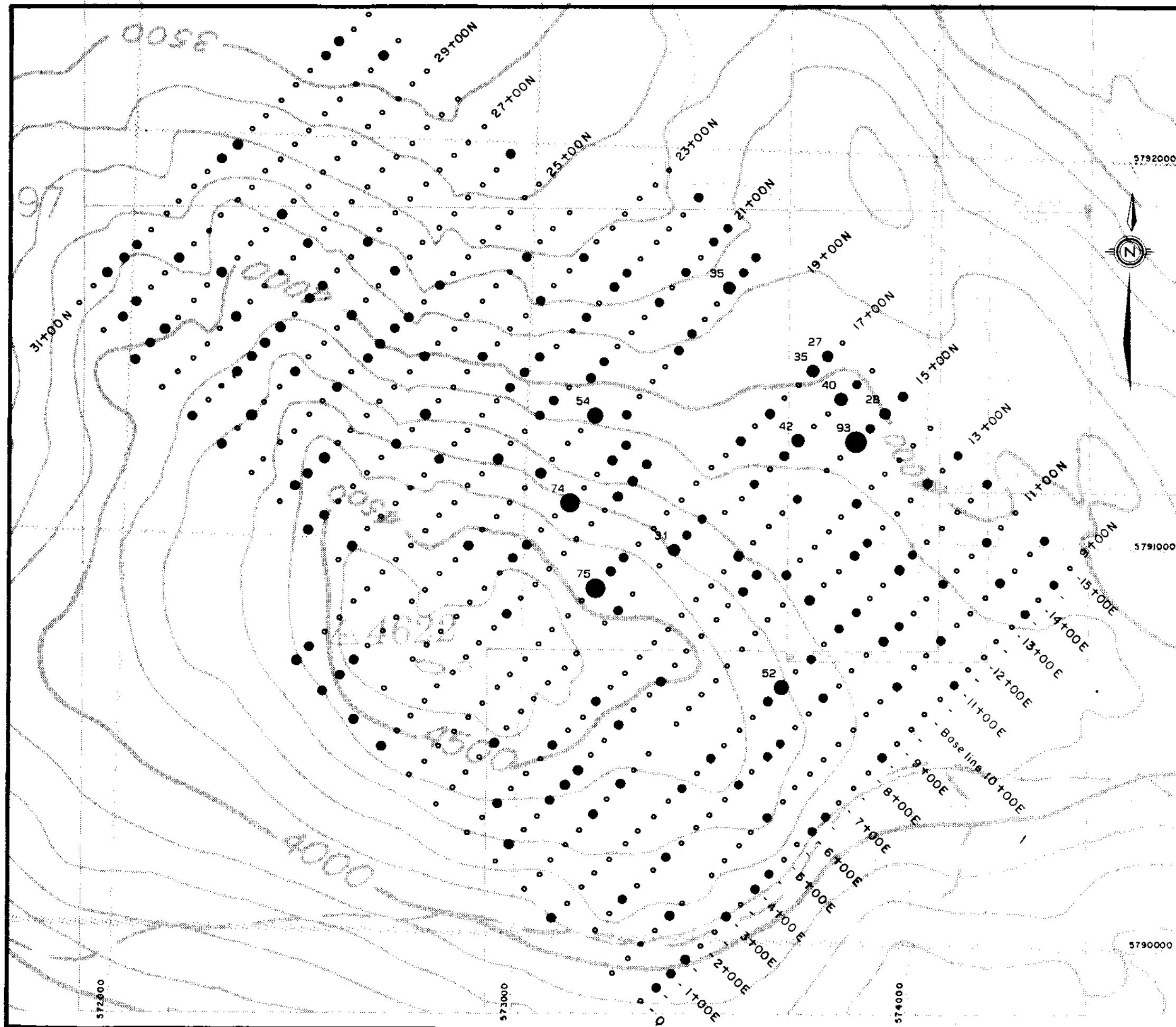


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FIGURE 61



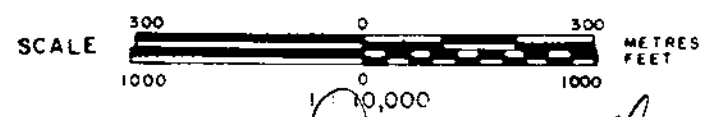
**LEGEND**

- Co ppm
- ≥ 93
- ≥ 70
- ≥ 50
- ≥ 30
- ≥ 1

- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**GEOCHEMICAL MAP  
 COBALT (ppm)**



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FIGURE 6m



(up to 342 ppm), silver (up to 8.2 ppm), zinc (up to 1907 ppm), molybdenum (up to 119 ppm), arsenic (up to 56 ppm) and two weak gold responses of 10 and 20 ppb.

The elevated magnesium (0.5 to 2.33%), chromium (50 to 242 ppm), calcium (0.5 to 2.98%), nickel (100-472 ppm) and cobalt (up to 93 ppm) values on the eastern portion of the grid reflect a change in rock type from west to east. Based on mapping by Bloodgood (1987), the elevated magnesium, chromium and calcium possibly reflect discontinuous tuffaceous units within a sequence of siliceous dark grey to black phyllite, and rusty to dark grey quartz sandstone beds. The elevated magnesium, chromium, calcium, nickel and cobalt could also reflect possible shear or fault zones which might enclose an ultramafic body. The western portion of the grid is probably underlain by a grey phyllite grading light to dark grey silty slate and laminated quartz sandstone beds.

#### VLF-Electromagnetic Survey

A total of 22.75 line kilometres of VLF-electromagnetic survey was conducted on the grid with readings taken at 25 metre intervals.

The VLF-electromagnetic method utilizes an electromagnetic field transmitted from radio stations in the 12 to 24 kilohertz range (long range submarine communication signals). The signals are propagated with the magnetic component of the field being horizontal in undisturbed areas.

Conductivity contrasts (produced by such features as massive sulphides, graphitic shales or fault structures) in the earth's crust, produce a local vertical component to the electromagnetic field and changes in field strength or amplitude. These conductive areas may be located, and to a degree, evaluated by measuring the various parameters of this electromagnetic field. A sabre Model 27 VLF-electromagnetic receiver, tuned to Seattle, Washington, was used for all observations. This instrument is manufactured by Sabre Electronic Instruments. It measures the dip angle of the resultant field (in degrees) and the



normalized horizontal component of the field strength (in relative percent).

Conductive zones are interpreted to underlie the point on a traverse line where changes in dip angle of the resultant field (from negative to positive - operator facing transmitter station) are associated with increased field strength. Data can be "filtered" by a technique described by Fraser (1969 - Geophysics, Vol. 34, No. 6, pp. 958-967) and data presented in contour or profile form as on Figures 7a to 7c. Fraser filtered values, which are derived from dip angle measurements, show high positive values at this point. Interpreted conductive zones are plotted on Figure 9.

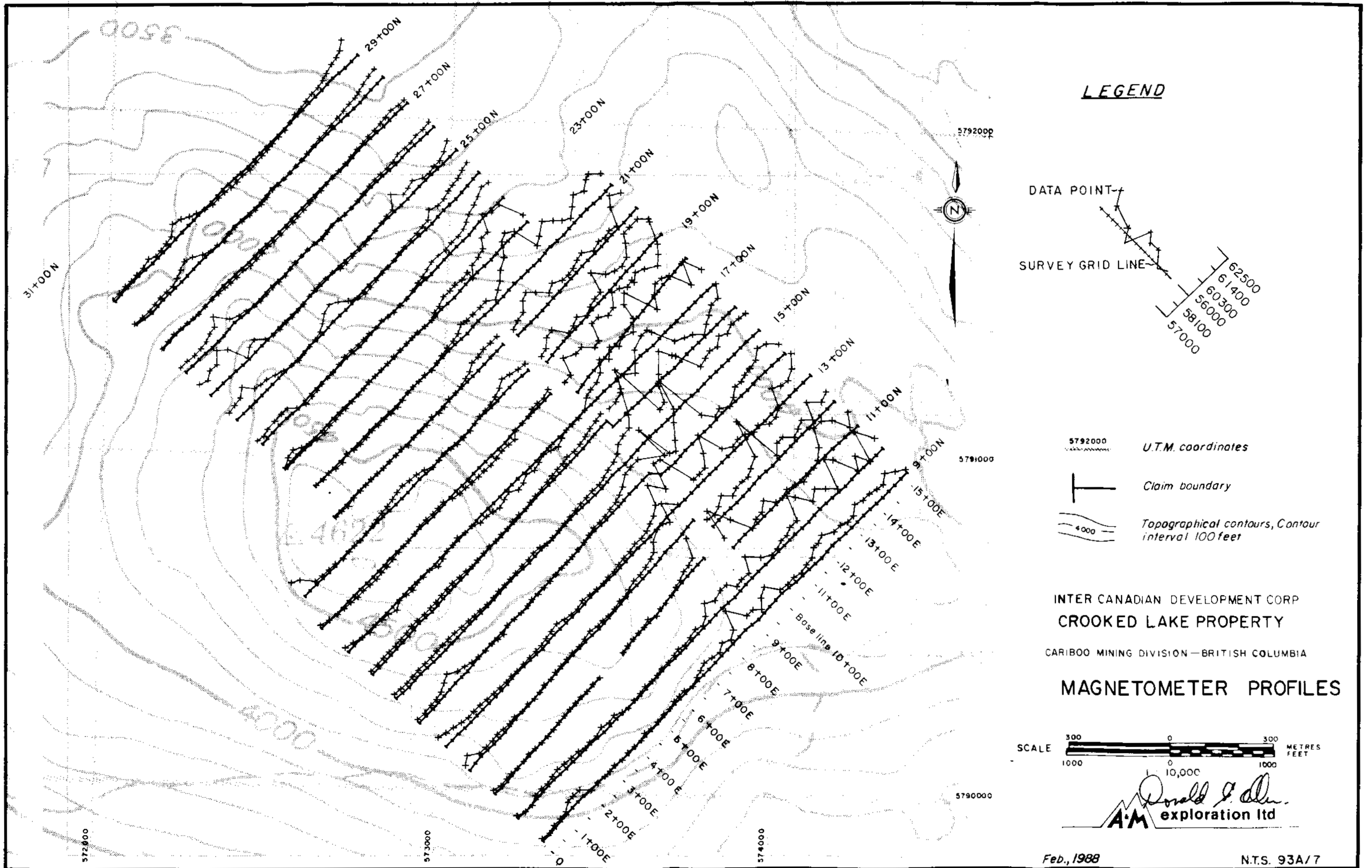
Three relatively strong responses were recorded on the grid, with the strongest trending north-northwest for 600 metres in the southeast corner of the grid. The second response subparallels the first 300 metres to the west. The third response trends north-northwest for 1300 metres along the western edge of the grid.

The VLF-electromagnetic response over the rest of the grid was erratic, however several northwest trends can be interpolated. This erratic response is interpreted as reflecting graphitic beds within the sedimentary sequence.

#### MAGNETOMETER SURVEY

A total of 24.5 line kilometres of grid was surveyed at 25 metre intervals utilizing a Scintrex MP-2 proton magnetometer. The baseline was run twice to correct for diurnal variation and to serve as a base level for the cross lines.

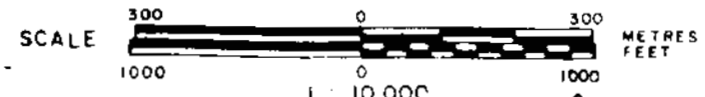
The magnetometer readings range from a low of 57018 gammas to a high of 62228 gammas. The magnetic data shows a broad magnetic low (57000 to 58000 gammas) approximately 700 metres wide trending north-northwest through the west central portion of the grid (Figures 8a to c). Flanking this magnetic low is a magnetic high (58500 to 59500 gammas) along the southern edge of the grid and a stronger broader (up



**LEGEND**

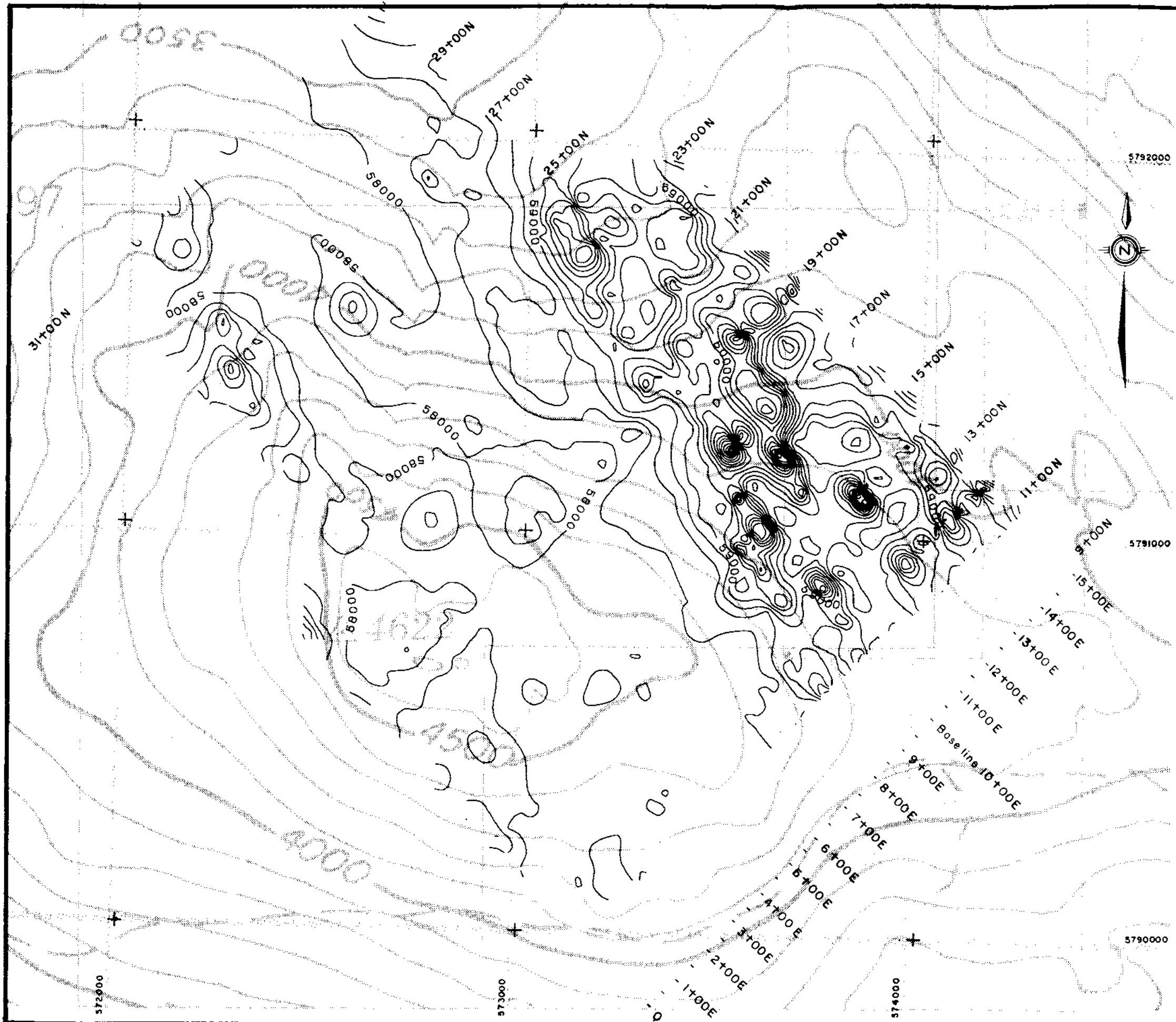
- DATA POINT
- SURVEY GRID LINE
- 5792000 U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION — BRITISH COLUMBIA  
**MAGNETOMETER PROFILES**



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**A.M. exploration Ltd**

FIGURE 7a



**LEGEND**

Magnetic low 58000  
 Mag. contours, Contour interval = 25 gammas.

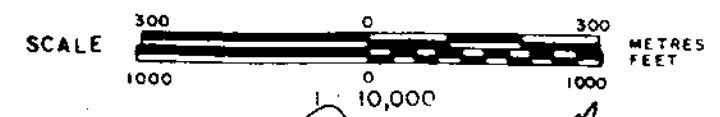
5792000 *U.T.M. coordinates*

*Claim boundary*

4000 *Topographical contours, Contour interval 100 feet*

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**MAGNETOMETER SURVEY**

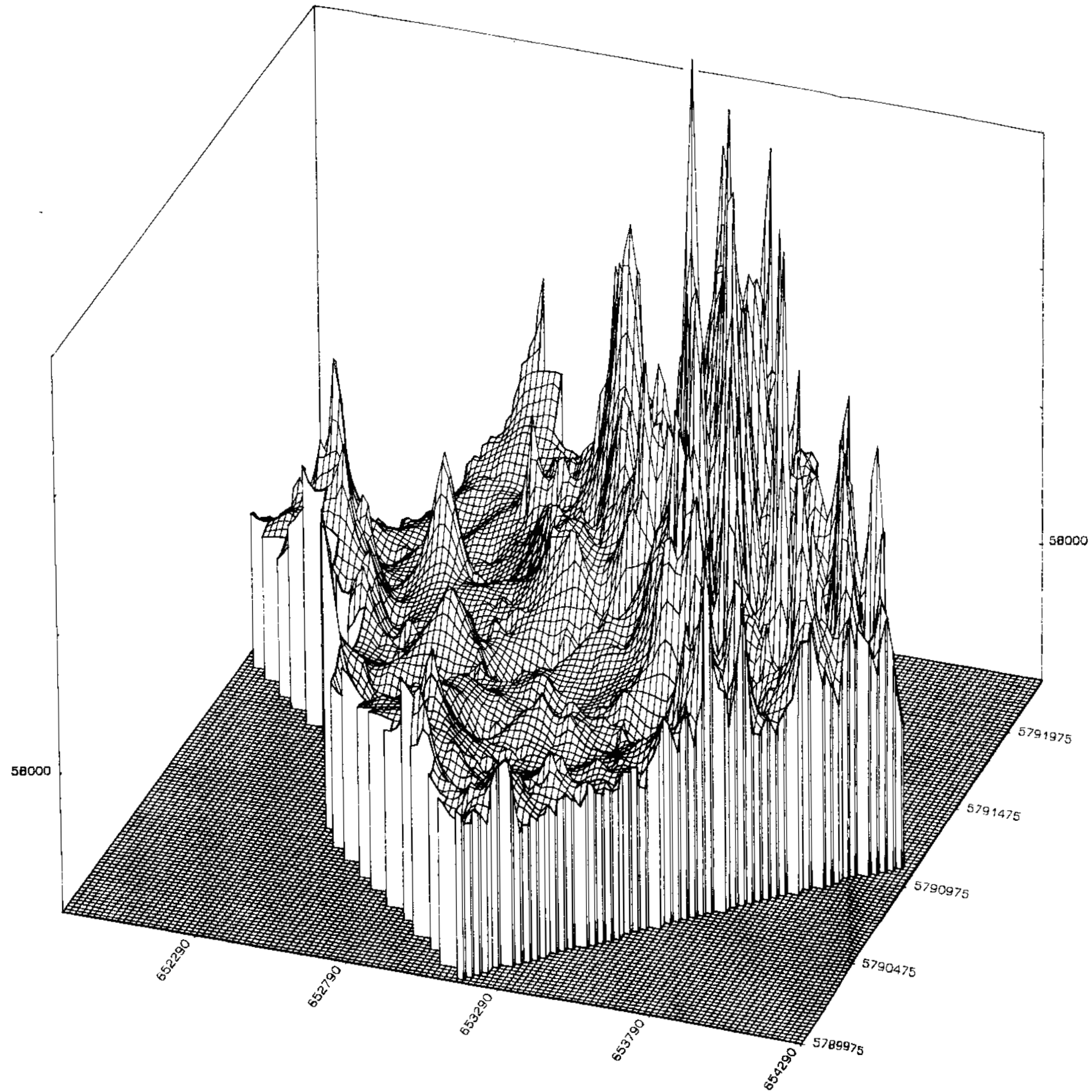


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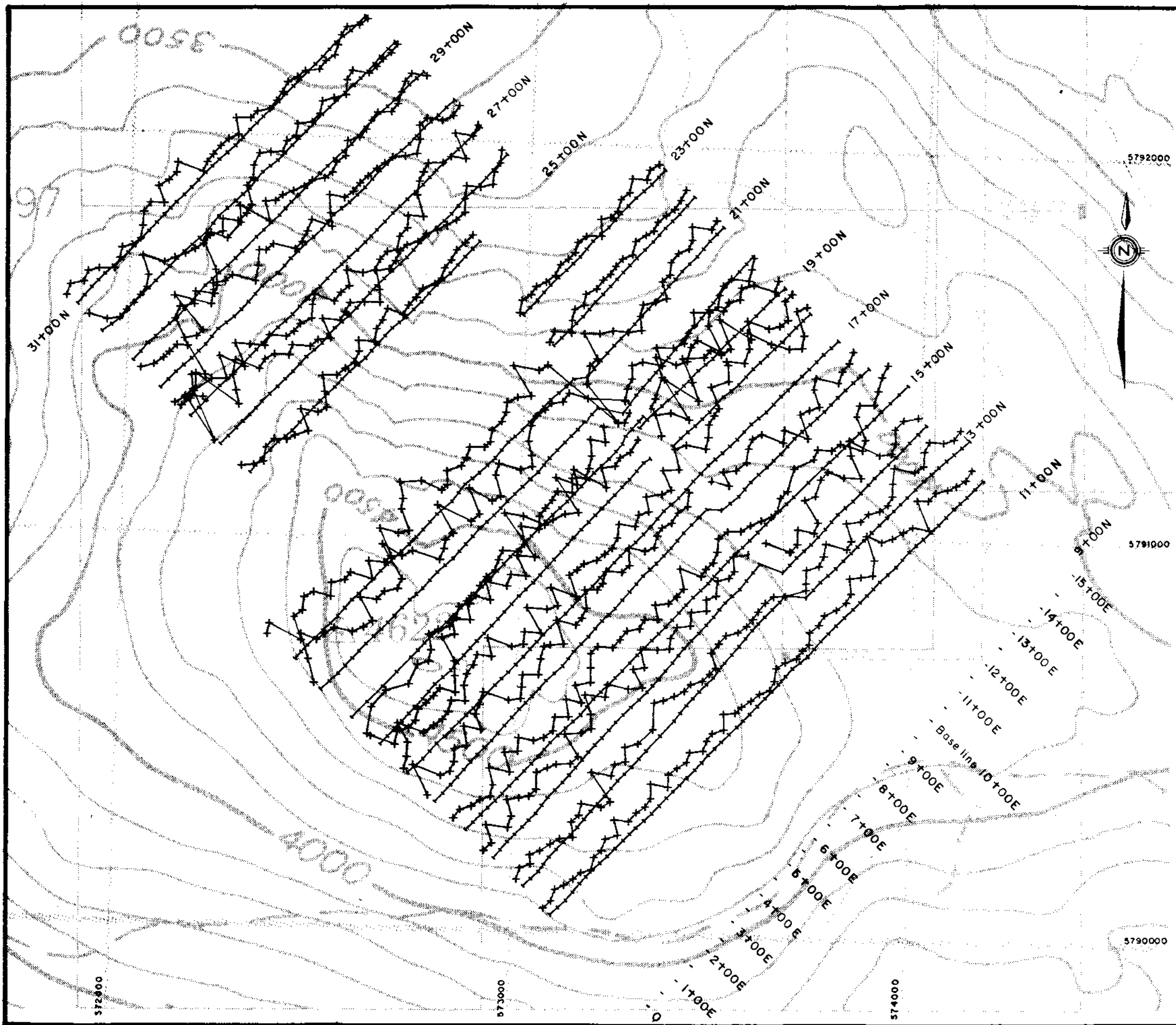
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FIGURE 7b

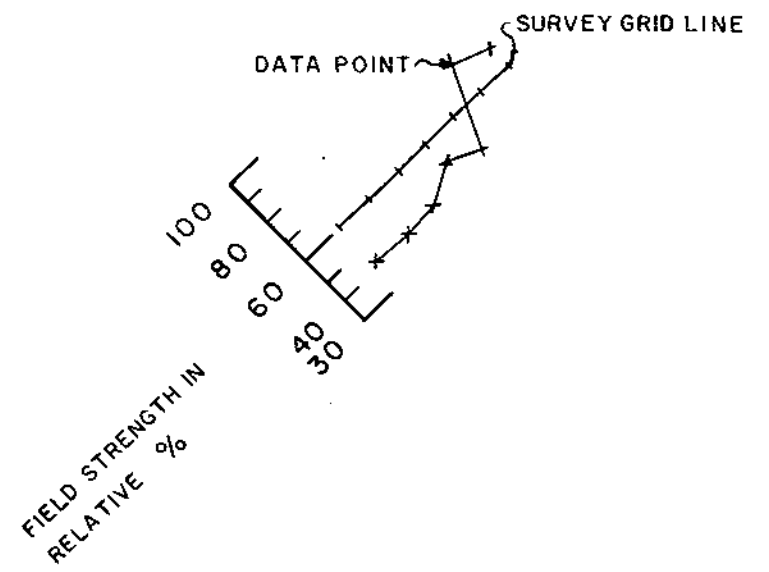


INTER CANADIAN DEVELOPMENT CORP  
CROOKED LAKE PROPERTY  
CARIBOO MINING DIVISION—BRITISH COLUMBIA  
**MAGNETOMETER SURVEY  
3D PROJECTION**

*Donald G. Allen*



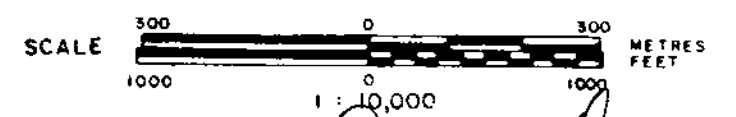
**LEGEND**




- U.T.M. coordinates
- Claim boundary
- Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**VLF-EM PROFILES  
 FIELD STRENGTH**

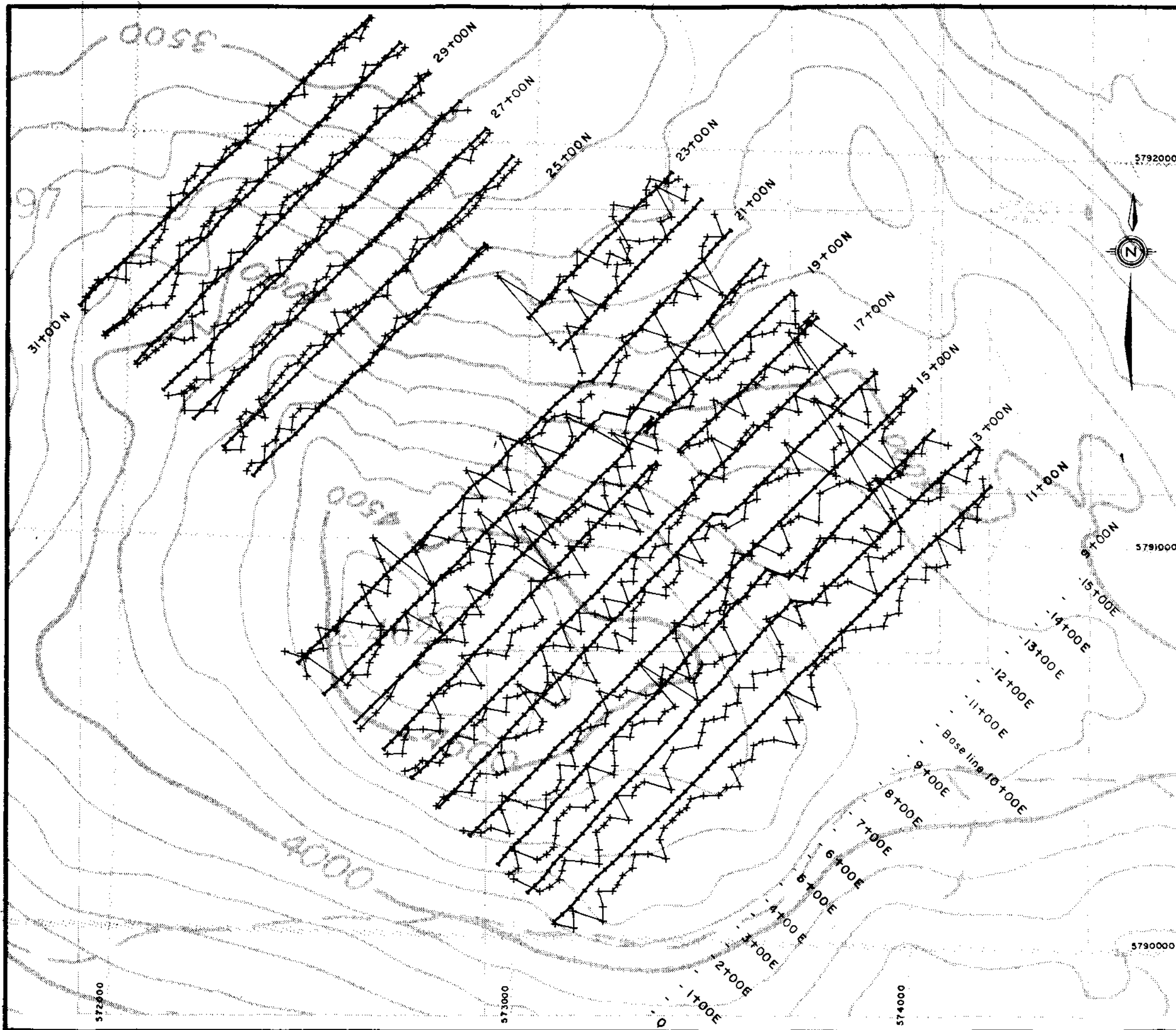


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 exploration Ltd

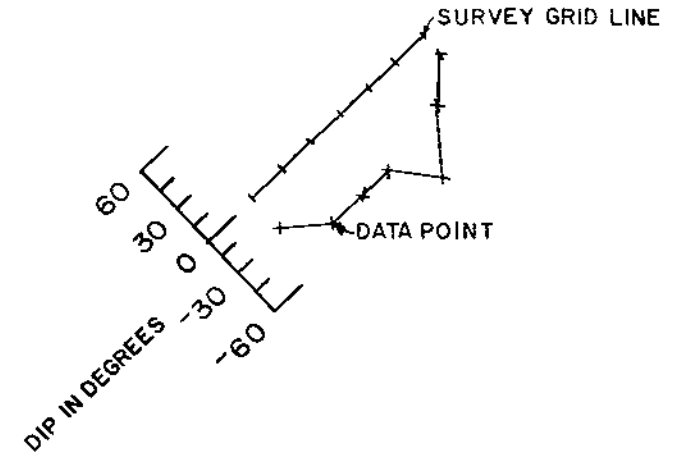
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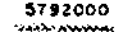
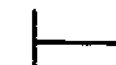
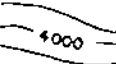
N.T.S. 93A/7

FIGURE 80



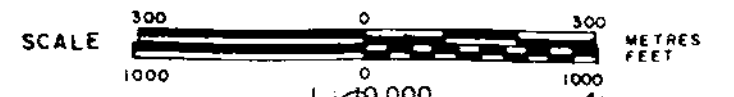
**LEGEND**



-  U.T.M. coordinates
-  Claim boundary
-  Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
**CROOKED LAKE PROPERTY**  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**VLF-EM PROFILES**  
**DIP ANGLE**



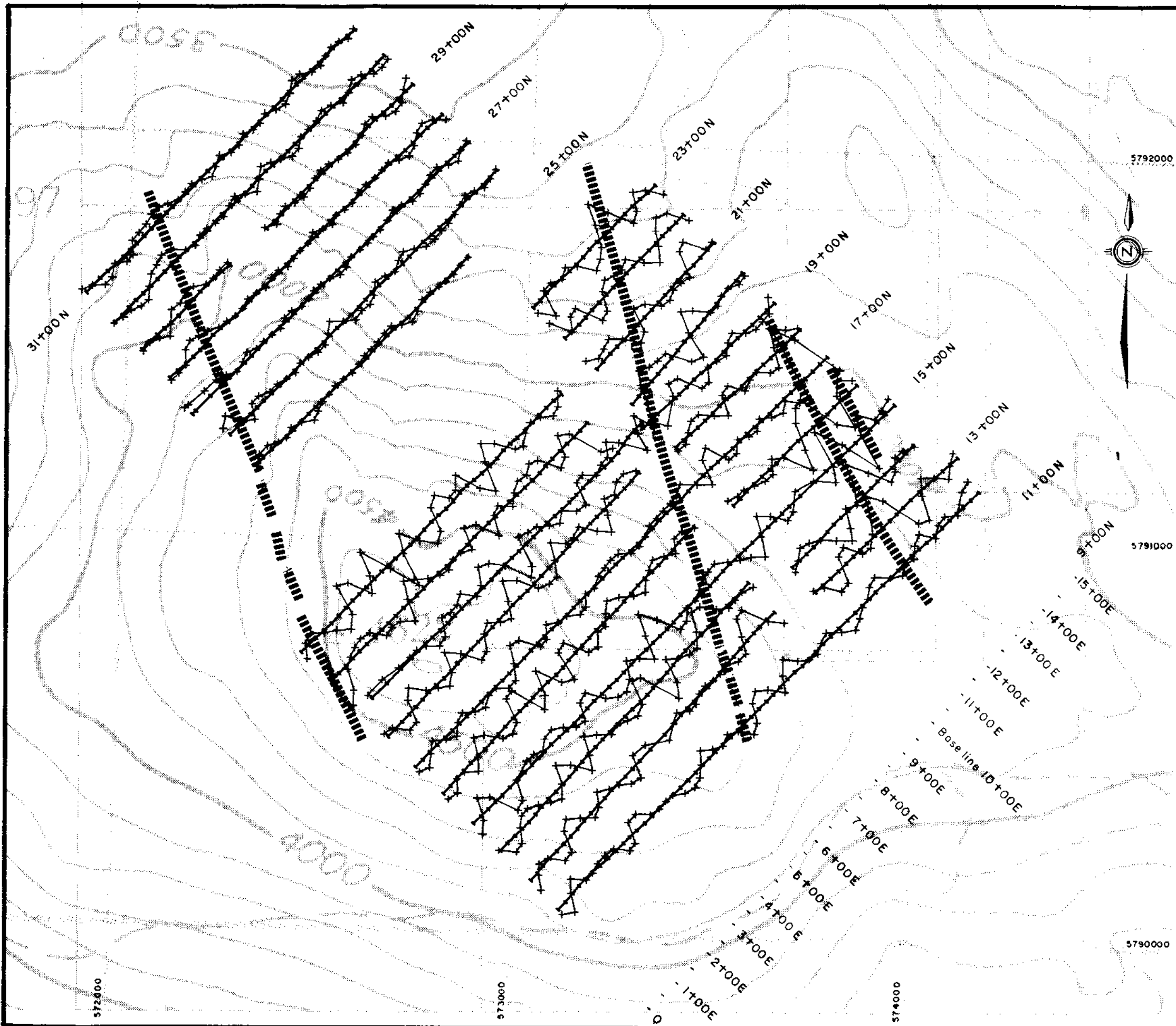
*Donald J. Allen*  
**exploration ltd**

Feb., 1988

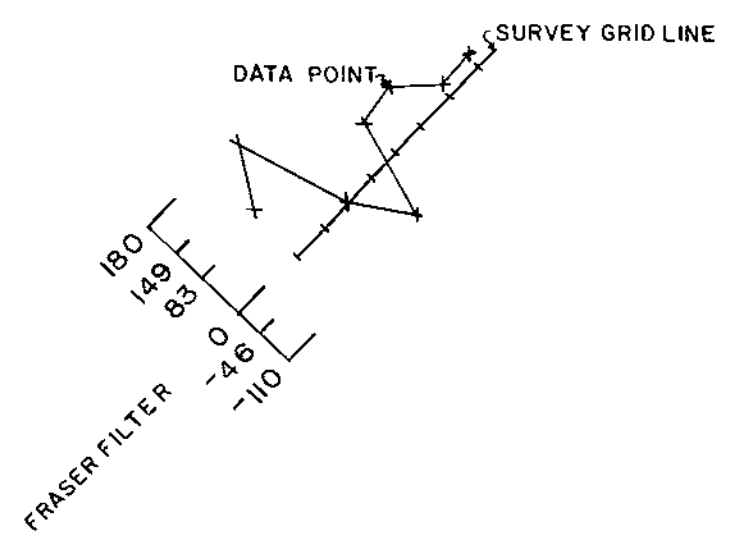
N.T.S. 93A/7



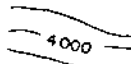
FIGURE 8b





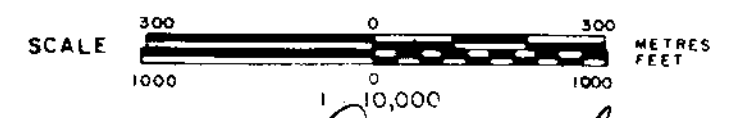
**LEGEND**



-  5792000 U.T.M. coordinates
-  Claim boundary
-  Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION - BRITISH COLUMBIA

**VLF-EM PROFILES  
 FRASER FILTER**

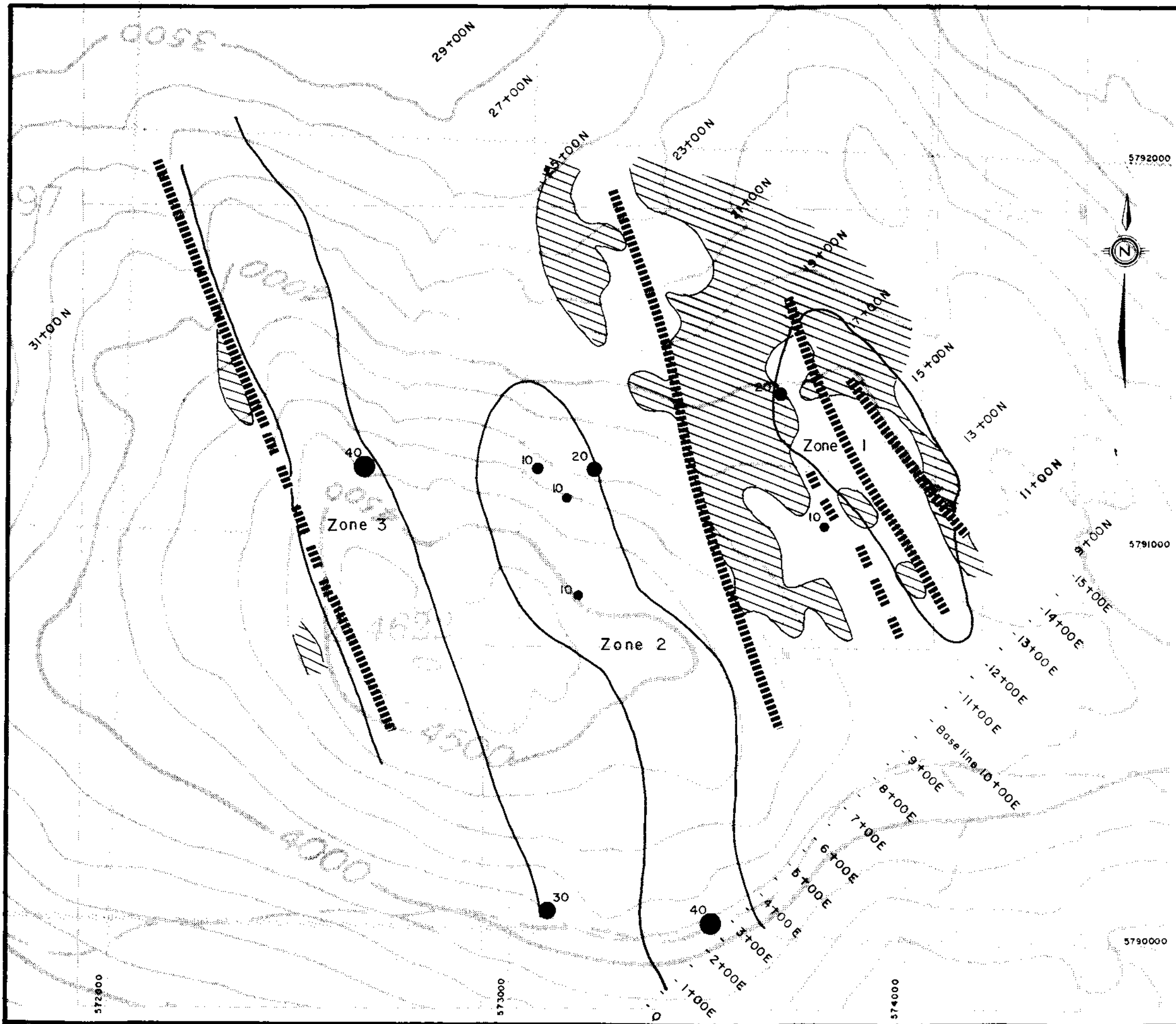


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FIGURE 8c

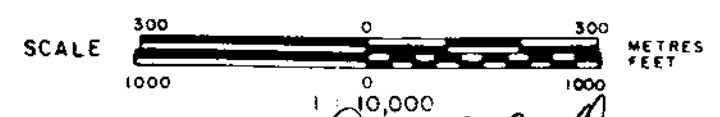


**LEGEND**

- 40 ● Soil sample, Au ppb
- Zone 1 ○ Boundary of geochemical anomaly.
- ▨ VLF-EM conductor; Strong Moderate.
- ▧ Magnetic high ( $\geq 59000$  gamma.)
- 5792000 U.T.M. coordinates
- Claim boundary
- 4000 Topographical contours, Contour interval 100 feet

INTER CANADIAN DEVELOPMENT CORP.  
 CROOKED LAKE PROPERTY  
 CARIBOO MINING DIVISION—BRITISH COLUMBIA

**COMPILATION MAP**



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Feb., 1988

NTS. 93A/7

FIGURE 9



to 500 metres) magnetic high (58500 to 62228 gammas) along the northern portion of the grid. This magnetic data reflects lithological change across the grid, with tuffaceous and/or basic volcanic flows being associated with the lithological sequence in the northern portion of the grid.

The highly noisy appearance to the magnetic data in the northern portion of the grid is interpreted to be a reflection of the narrow discontinuous nature of the tuffaceous and/or volcanic units (Figure 8c).

There are two north-northwest trending lows cutting the magnetic high in the northern portion of the grid (Figures 8b and 8c). These two lows correspond very well to two VLF-electromagnetic responses and are interpreted to be a reflection of either a metasedimentary unit with associated graphite or a fault zone with associated alteration envelopes (Figure 9).

#### DISCUSSION OF RESULTS

Three significant multielement geochemically anomalous zones were defined on the Crooked Lake property. These zones appear to be related to specific geophysical anomalies as summarized below (Figure 9). Zone 1 is a 50 to 200 metre wide silver-copper anomaly with scattered anomalous arsenic, molybdenum, zinc and gold values with an associated magnetic low and VLF-electromagnetic response. Zone 2 is a large area of anomalous molybdenum, copper, lead, silver, zinc, arsenic and scattered gold values lying on the western flank of the eastern magnetic high. An associated VLF-electromagnetic response is also associated. Where the northward extension of this zone intercepts the magnetic high, the geochemical anomaly becomes less intense, however the VLF-EM response and associated magnetic low shows a northward extension to the zone. Zone 3 is a 50 to 200 metre wide silver-copper anomaly with weak zinc, molybdenum, arsenic and gold anomalies lying on the eastern flank of the southern magnetic high. There is also a VLF-EM response

response associated with this zone. These zones probably outline interbedded sedimentary and volcanic units with the high geochemical results reflecting underlying metal rich black shales. However, some of the metal values obtained in soil are of the range that could reflect underlying mineralization, specifically of the Frasergold type.

Elevated values of magnesium, chromium, calcium, nickel and cobalt are commonly associated with basic and ultrabasic igneous rocks. Anomalous values of these elements in the grid area could reflect discontinuous basaltic tuff units within the black phyllite sequence. Alternatively, the magnetic high on the east part of the grid suggests the presence of an ultramafic intrusion (serpentinite) that might be emplaced along a fault zone. Ultramafics have not been encountered in preliminary mapping, however they should be looked for in future mapping as they are associated with, or host mineralization in many well known gold camps including Atlin and Bralorne in B.C. and in the Motherlode gold belt in California.

*Donald G. Allen*

*Douglas G. Brownlee*

## REFERENCES


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- Campbell, R. B. (1978). Quesnel Map Sheet, Geol. Surv. Canada, Open File 574.
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- Sheldrake, R. F. (1984). Report on a Helicopter-borne Multifrequency Electromagnetic, VLF-Electromagnetic and Magnetometer Survey in the Crooked Lake Area, B.C.

CERTIFICATE

I, Donald G. Allen, certify that:

1. I am a Consulting Geological Engineer, at A & M Exploration Ltd., with offices at #704-850 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).
3. I have been practising my profession since 1964 in British Columbia, the Yukon, Alaska and various parts of the Western United States.
4. I am a member in good standing of the Association of Professional Engineers of British Columbia.
5. This report is based on field work carried out by D. Brownlee, G. Barton, S. Travis, and others. I have not visited the property, but have directly supervised the work conducted on the property.
6. I have no interest nor do I expect to receive any in Inter-Canadian Development Corp. or in the Crooked Lake Property.
7. I consent to the use of this report and my name in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

March 5, 1988  
Vancouver, B.C.


  
Donald G. Allen,  
P. Eng. (B.C.)

CERTIFICATE

I, Douglas J. Brownlee, do hereby certify that:

1. I am a geologist residing at Suite 101, 2615 Lonsdale Avenue, North Vancouver, British Columbia.
2. I am a graduate in Geology Specialization from the University of Alberta (1980).
3. I have practiced my profession in British Columbia since January, 1980.
4. This report is based mainly on information listed under references and fieldwork carried out by S. Travis from October 19th to 25th, 1987 and personal observations during examination of the property from June 11th to 13th 1986.
5. I have no interest nor do I expect to receive any in Inter-Canadian Development Corp. or in the Crooked Lake Property. The Bluto claims are currently registered in my name for convenience only and will be transferred forthwith.
6. I consent to the use of this report and my name in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

March 5, 1988  
Vancouver, B.C.

  
Douglas J. Brownlee,  
Geologist



**APPENDIX I**

**GEOCHEMICAL RESULTS**

## GEOCHEMICAL ANALYSIS CERTIFICATE

JOB #412

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR NH FE CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOLUTION

DATE RECEIVED: NOV 4 1987

DATE REPORT MAILED: Nov 9/87

ASSAYER: D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT #87770 File # 87-5404 Page 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	V	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	I	I	I	PPM	
S 50-720001	4	30	8	91	.1	35	9	325	2.65	3	5	ND	12	13	1	2	2	28	.17	.040	29	34	.59	77	.09	3	1.59	.01	.17	1
S 50-720002	2	13	4	67	.1	25	7	340	2.14	2	5	ND	8	20	1	2	2	25	.25	.023	20	28	.57	67	.08	2	1.59	.01	.12	1
S 50-720003	3	28	4	82	.6	31	9	268	2.63	3	5	ND	12	13	1	2	2	28	.21	.051	23	30	.62	81	.08	2	1.67	.01	.22	1
S 50-720004	6	48	15	126	.6	45	12	489	3.58	5	5	ND	16	22	1	2	2	32	.27	.061	36	35	.74	105	.07	4	1.88	.02	.25	1
S 50-720005	2	28	8	90	.5	37	10	407	2.98	2	5	ND	15	29	1	2	2	32	.37	.046	34	35	.73	105	.09	4	2.01	.02	.29	1
S 50-720006	3	20	5	90	.6	40	8	318	2.47	2	5	ND	12	20	2	2	2	26	.21	.028	23	30	.55	66	.08	5	1.55	.02	.15	1
S 50-720007	10	61	6	347	1.1	81	12	541	4.08	13	5	ND	10	20	2	2	2	22	.09	.065	21	22	.26	167	.03	2	1.67	.01	.08	1
S 50-720008	29	116	18	280	3.6	99	13	434	5.32	98	5	ND	10	28	2	3	2	37	.10	.133	17	30	.30	204	.04	2	1.63	.01	.09	1
S 50-720009	8	36	14	151	.5	40	7	134	3.09	16	5	ND	7	9	1	3	2	29	.05	.085	14	27	.29	74	.04	3	1.29	.01	.05	1
S 50-720010	7	71	10	219	2.7	69	16	241	4.00	8	5	ND	8	10	1	2	2	34	.07	.063	13	36	.55	125	.05	3	1.98	.01	.06	1
S 50-720011	7	53	9	230	3.1	79	15	208	3.31	9	5	ND	6	16	1	2	2	30	.10	.059	15	33	.44	137	.07	3	2.02	.01	.07	1
S 50-720012	11	50	17	194	1.6	110	13	586	3.70	12	5	ND	9	42	2	2	2	28	.30	.038	21	25	.30	96	.05	2	1.58	.01	.09	1
S 50-720013	3	17	16	248	.9	36	13	186	3.57	7	5	ND	7	22	1	2	2	41	.16	.089	18	29	.22	90	.05	3	2.35	.01	.06	1
S 50-720014	7	17	10	128	1.4	23	5	122	2.76	2	5	ND	10	7	1	4	2	28	.04	.072	27	15	.10	58	.03	2	1.44	.01	.03	1
S 50-731001	4	29	5	145	.9	38	9	383	2.74	3	5	ND	10	28	1	2	2	29	.34	.061	20	29	.53	75	.10	2	1.56	.01	.11	1
S 50-731002	2	18	7	116	.5	31	9	305	2.59	2	5	ND	11	23	1	2	2	30	.28	.051	22	32	.57	63	.09	4	1.61	.01	.11	1
S 50-731003	1	5	7	82	.1	15	4	122	1.46	2	5	ND	6	12	1	2	2	23	.15	.053	14	18	.23	46	.05	2	1.02	.01	.05	1
S 50-731004	4	31	11	124	.1	37	10	403	2.85	4	5	ND	10	15	2	2	2	29	.16	.063	20	28	.53	88	.06	2	1.58	.01	.16	1
S 50-731005	4	55	9	245	6.6	63	16	324	3.35	22	5	ND	7	10	1	2	2	22	.06	.109	13	23	.22	140	.03	4	2.26	.01	.07	1
S 50-731006	7	59	15	263	3.2	68	11	226	3.40	25	5	ND	7	9	1	2	2	22	.05	.111	14	21	.25	112	.02	3	1.48	.01	.06	1
S 50-731007	5	21	8	113	1.2	30	5	123	2.19	8	5	ND	6	8	1	2	2	28	.05	.061	16	20	.17	84	.04	2	1.08	.01	.05	1
S 50-731008	5	12	4	40	.8	15	2	55	1.19	2	5	ND	6	8	1	2	2	22	.05	.020	19	12	.05	35	.03	2	.62	.01	.02	1
S 50-731009	12	41	8	164	.6	53	9	308	2.99	14	5	ND	8	10	1	2	2	23	.07	.045	22	16	.26	80	.04	2	1.02	.01	.07	1
S 50-731010	3	20	9	121	1.0	29	8	870	2.12	3	5	ND	6	15	1	2	2	21	.21	.066	19	13	.11	55	.04	2	.95	.01	.04	1
S 50-731011	7	33	14	141	.9	36	7	242	3.41	9	5	ND	7	9	2	2	2	34	.06	.064	20	24	.27	68	.05	3	1.39	.01	.05	1
S 50-731012	4	29	15	162	.5	38	11	221	2.91	8	5	ND	11	10	1	2	3	29	.08	.033	28	26	.47	49	.06	2	1.59	.01	.04	1
S 50-731013	6	53	15	185	.6	52	12	233	3.23	15	5	ND	16	12	1	2	2	23	.07	.119	33	28	.44	71	.02	2	1.90	.01	.06	1
S 50-731014	5	54	11	185	1.8	59	13	312	3.22	9	5	ND	8	67	1	2	2	28	.81	.044	24	27	.36	107	.05	2	1.95	.01	.16	1
S 50-731015	6	13	11	72	.2	19	4	70	2.04	8	5	ND	11	9	1	2	2	26	.05	.038	34	10	.08	31	.01	2	.85	.01	.03	1
S 50-731016	6	26	15	123	.6	35	7	114	3.07	12	5	ND	10	10	1	2	2	24	.09	.061	25	18	.26	52	.02	2	1.15	.01	.04	1
S 50-731017	4	23	12	174	1.4	48	8	176	3.06	10	5	ND	8	33	1	2	2	31	.27	.026	21	38	.50	82	.05	2	1.78	.01	.10	1
S 50-731018	5	38	8	134	.8	52	11	341	3.05	10	5	ND	13	29	1	2	2	29	.27	.038	25	40	.62	94	.07	2	1.63	.02	.16	1
S 50-731019	4	42	16	233	1.1	68	13	490	3.96	13	5	ND	11	43	2	2	2	27	.35	.037	23	41	.61	88	.05	3	2.00	.01	.12	1
S 50-731020	4	18	13	154	.4	29	8	292	2.93	12	5	ND	12	11	1	3	2	23	.08	.048	32	17	.23	62	.02	2	1.36	.01	.05	1
S 50-731021	6	27	9	113	.8	28	8	190	3.40	6	5	ND	12	15	1	2	2	21	.09	.046	27	12	.13	45	.01	2	1.01	.02	.04	1
S 50-731022	20	66	12	165	1.1	82	12	530	4.96	9	5	ND	9	10	1	2	2	20	.07	.076	24	16	.22	67	.03	3	1.16	.01	.06	1
S 50-731023	7	28	16	143	1.6	37	7	315	2.93	10	5	ND	6	9	1	2	2	31	.07	.079	16	24	.23	87	.05	2	1.29	.01	.06	1
S 50-731024	12	78	13	250	5.1	77	9	230	3.74	17	5	ND	9	13	1	2	2	29	.03	.090	21	24	.20	173	.03	3	1.62	.01	.08	1
S 50-731025	5	18	7	82	.7	21	2	58	1.50	12	5	ND	8	6	2	2	2	27	.02	.047	26	14	.07	53	.01	2	.85	.01	.03	1
STD C	19	61	38	130	7.6	70	29	1041	4.04	40	22	8	40	52	18	18	20	60	.50	.088	39	62	.89	178	.09	38	1.95	.07	.14	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	M PPM
S 50-731026	5	39	16	166	2.3	28	5	84	2.12	18	5	ND	7	7	1	2	2	27	.04	.091	16	17	.12	87	.03	4	1.22	.01	.06	1
S 50-731027	6	49	13	224	.4	46	6	263	2.38	20	5	ND	9	17	1	2	2	27	.11	.049	22	18	.17	91	.03	2	.94	.01	.07	1
S 50-731028	7	24	13	157	.7	32	4	184	1.86	15	5	ND	7	16	2	2	2	32	.10	.058	19	18	.16	117	.05	2	1.02	.01	.07	1
S 50-731029	2	13	12	86	.4	27	6	190	1.63	2	5	ND	8	10	2	2	2	22	.13	.027	18	20	.37	77	.06	2	1.08	.01	.10	1
S 50-731030	1	11	9	87	.1	16	6	224	1.80	2	5	ND	8	9	1	2	2	24	.12	.028	16	24	.36	69	.08	2	1.39	.01	.11	1
S 50-731031	2	11	10	119	.1	22	6	325	1.70	2	5	ND	7	13	1	2	2	23	.14	.031	16	20	.33	70	.07	3	1.10	.01	.11	1
S 50-731032	3	23	13	99	.3	31	9	308	2.39	4	5	ND	9	29	1	3	2	27	.32	.044	26	28	.48	76	.07	2	1.29	.01	.11	1
S 50-731033	3	31	16	101	.6	29	9	372	2.26	3	5	ND	8	26	1	2	2	24	.29	.045	30	27	.47	68	.07	2	1.33	.01	.12	1
S 50-731034	2	11	12	74	.1	18	5	152	1.88	2	5	ND	3	9	1	2	2	24	.07	.023	11	21	.31	51	.06	2	.90	.01	.05	1
S 50-731035	2	34	10	86	.4	46	9	246	2.46	3	5	ND	10	30	1	2	2	23	.20	.060	21	26	.46	69	.09	4	1.44	.01	.09	1
S 50-731036	9	88	20	183	3.2	83	19	623	3.14	7	5	ND	6	54	4	2	2	39	.47	.039	58	46	.65	208	.08	2	2.79	.01	.32	1
S 50-731037	4	29	14	106	.6	39	8	320	2.60	4	5	ND	8	14	1	2	2	29	.16	.034	29	33	.54	82	.08	2	1.56	.01	.17	1
S 50-731038	1	3	4	37	.1	12	2	79	.98	2	5	ND	2	7	1	2	2	14	.09	.010	10	13	.22	36	.06	2	.72	.01	.07	1
S 50-731039	23	48	9	41	.4	27	4	1905	4.41	3	5	ND	3	197	1	2	2	12	2.98	.109	11	16	.49	110	.03	7	.79	.01	.09	1
S 50-731040	6	63	20	169	1.1	71	14	438	3.63	2	5	ND	10	69	1	2	2	42	.69	.068	38	49	.76	195	.12	2	2.91	.01	.31	1
S 50-731041	6	50	16	121	1.6	47	12	582	3.13	4	5	ND	7	48	1	2	2	31	.57	.058	43	34	.55	109	.09	4	1.80	.01	.19	1
S 50-731042	3	23	9	114	.2	33	10	326	2.52	2	5	ND	9	15	1	2	2	29	.20	.054	21	33	.53	70	.10	3	1.45	.01	.10	1
S 50-731043	3	29	16	124	1.1	36	9	430	2.50	2	5	ND	7	39	1	2	2	29	.45	.043	32	30	.51	124	.07	2	1.76	.01	.21	1
S 50-731044	2	10	8	75	.2	21	7	121	1.90	2	5	ND	7	9	2	2	2	22	.08	.021	11	23	.37	51	.06	2	1.44	.01	.09	1
S 50-731045	6	18	13	73	.8	29	8	672	2.37	3	5	ND	5	56	2	2	2	25	.65	.033	20	26	.49	67	.05	4	1.60	.01	.14	1
S 50-731046	3	29	15	225	.4	61	10	202	2.80	43	5	ND	8	18	1	2	2	24	.13	.049	21	22	.32	105	.06	2	1.47	.01	.10	1
S 50-731047	6	19	9	94	6.4	15	2	60	1.91	5	5	ND	6	5	2	2	2	26	.02	.075	13	16	.06	83	.05	4	1.64	.01	.03	1
S 50-731048	15	184	18	697	1.8	143	16	304	4.86	22	5	ND	9	15	3	2	2	23	.05	.134	20	19	.25	147	.03	2	1.33	.01	.11	1
S 50-731049	10	41	18	177	.5	38	6	165	2.99	17	5	ND	7	11	1	2	2	31	.04	.065	18	17	.14	98	.05	5	1.04	.01	.07	1
S 50-731050	13	91	10	245	1.3	71	6	179	2.29	38	5	ND	8	4	1	2	2	26	.01	.046	28	9	.04	51	.03	4	.49	.01	.03	1
S 50-731051	8	55	18	231	1.4	74	10	326	3.33	20	5	ND	8	10	1	3	2	28	.06	.112	19	27	.35	186	.04	2	1.81	.01	.08	1
S 50-731052	7	74	16	304	3.2	164	16	1112	3.34	33	5	ND	8	10	1	2	2	21	.03	.089	21	24	.23	128	.02	3	1.59	.01	.07	1
S 50-731053	4	21	7	74	.4	27	3	112	1.62	16	5	ND	5	25	1	2	2	18	.23	.027	21	9	.06	68	.02	4	.43	.01	.03	1
S 50-731054	3	11	15	99	.7	14	4	84	2.09	8	5	ND	4	6	1	2	2	30	.06	.037	10	15	.15	66	.04	2	1.03	.01	.02	1
S 50-731055	9	36	13	166	.2	47	8	203	3.26	14	5	ND	5	11	1	2	2	22	.13	.094	13	18	.22	67	.03	3	.98	.01	.04	1
S 50-731056	7	52	19	236	1.2	79	15	466	5.09	13	5	ND	14	49	2	3	2	23	.36	.044	35	23	.33	69	.02	2	1.56	.01	.08	1
S 50-731057	5	25	18	230	1.1	51	11	199	3.28	5	5	ND	10	33	2	2	2	29	.25	.042	24	28	.31	97	.05	4	1.92	.01	.09	1
S 50-731058	8	73	26	231	2.8	77	13	623	3.79	12	5	ND	6	114	3	3	2	31	1.27	.056	23	36	.39	168	.06	5	2.37	.02	.20	1
S 50-731059	6	34	19	142	.4	43	10	189	3.80	48	5	ND	13	22	1	2	2	27	.14	.076	37	26	.39	71	.03	2	1.43	.01	.07	2
S 50-731060	8	44	14	170	.3	56	10	173	3.94	12	5	ND	13	13	1	3	2	26	.08	.099	35	23	.35	53	.02	5	1.28	.01	.07	1
S 50-731061	8	37	6	121	.2	42	8	122	4.42	4	5	ND	17	8	1	2	2	15	.04	.037	50	6	.07	26	.01	2	.59	.01	.03	1
S 50-731062	7	11	13	113	.4	22	3	196	2.40	2	5	ND	10	28	2	3	2	21	.35	.024	31	9	.06	40	.01	2	.68	.01	.03	1
S 50-731063	12	21	15	118	.2	36	7	231	3.63	9	5	ND	9	7	1	2	2	27	.03	.056	23	9	.07	33	.01	2	.78	.01	.03	1
S 50-731064	8	78	28	237	3.0	68	14	3197	3.78	10	5	ND	3	58	2	2	2	23	.49	.230	12	23	.18	209	.02	3	1.29	.01	.05	1
STD C	20	62	39	132	7.0	73	30	1064	4.03	42	23	7	41	53	19	18	22	61	.51	.092	41	62	.91	181	.09	34	1.89	.07	.14	11

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	HA I	K I	W PPM
S 50-731065	1	10	2	53	.7	17	2	132	1.02	2	5	ND	9	5	2	2	14	.05	.020	27	8	.04	31	.01	4	.54	.01	.02	1	
S 50-731066	6	34	2	123	1.8	43	3	46	1.80	41	5	ND	6	6	1	5	2	24	.02	.026	19	8	.04	47	.02	2	.46	.01	.02	1
S 50-731067	10	86	19	196	2.4	52	5	83	2.77	30	5	ND	7	13	2	6	2	31	.03	.110	19	20	.06	100	.03	2	.96	.01	.03	1
S 50-731068	6	8	5	29	.3	9	2	63	1.38	10	5	ND	7	7	2	4	2	26	.04	.026	26	8	.04	57	.02	2	.63	.01	.02	1
S 50-731069	6	36	13	196	.6	49	11	178	2.76	5	5	ND	9	10	2	2	2	25	.09	.094	15	28	.37	103	.06	2	1.93	.01	.10	1
S 50-731070	6	25	8	97	.5	48	9	300	2.55	3	5	ND	9	12	1	2	2	24	.08	.050	17	25	.41	97	.07	2	1.68	.01	.10	1
S 50-731071	1	13	3	81	.2	24	7	141	2.00	2	5	ND	9	10	1	2	2	23	.12	.050	19	26	.47	57	.08	2	1.64	.01	.11	1
S 50-731072	2	15	3	80	.1	22	7	188	2.08	2	5	ND	8	9	2	2	2	23	.15	.042	15	23	.46	75	.06	2	1.40	.01	.13	1
S 50-731073	2	12	5	69	.1	20	5	152	1.75	2	5	ND	6	12	1	2	2	21	.13	.018	14	18	.38	54	.05	2	1.10	.01	.09	1
S 50-731074	1	6	5	66	.1	14	4	101	1.35	2	5	ND	6	8	1	2	2	17	.08	.029	11	15	.26	32	.04	2	.78	.01	.05	1
S 50-731075	1	17	5	86	.4	26	9	180	2.20	2	5	ND	9	10	1	2	2	26	.12	.044	14	27	.46	87	.09	2	1.77	.01	.14	1
S 50-731076	5	26	7	121	.3	29	8	377	2.48	2	5	ND	5	13	2	2	2	23	.14	.042	17	22	.46	67	.04	2	1.38	.01	.07	1
S 50-731077	3	13	6	86	.9	21	6	200	2.15	2	5	ND	4	8	1	2	2	25	.08	.031	13	23	.36	78	.07	2	1.56	.01	.12	1
S 50-731078	3	26	9	87	.3	32	8	457	2.21	3	5	ND	8	23	1	2	2	23	.34	.051	24	26	.46	69	.07	2	1.21	.01	.16	1
S 50-731079	3	17	3	75	.4	15	8	599	1.55	2	5	ND	2	17	1	2	2	22	.22	.034	15	16	.23	69	.06	2	.84	.01	.08	1
S 50-731080	3	37	5	112	.6	39	8	380	2.31	2	5	ND	6	29	1	2	3	23	.49	.052	29	25	.48	75	.06	2	1.34	.01	.17	1
S 50-731081	7	19	6	73	1.5	19	4	192	1.52	3	5	ND	2	13	1	2	2	20	.11	.035	14	14	.13	51	.04	3	.43	.01	.04	1
S 50-731082	7	39	15	139	.7	39	10	412	3.34	4	5	ND	9	30	1	2	2	25	.35	.046	33	24	.45	76	.05	2	1.33	.01	.13	1
S 50-731083	5	37	9	118	.6	36	9	277	2.72	6	5	ND	7	22	3	2	2	25	.24	.037	25	26	.44	82	.06	2	1.36	.01	.11	1
S 50-731084	3	19	6	80	.3	29	7	291	2.18	2	5	ND	7	17	1	2	2	22	.22	.032	21	25	.46	58	.05	2	1.18	.01	.09	1
S 50-731085	3	19	4	72	.2	29	9	334	2.26	2	5	ND	9	15	2	2	2	25	.24	.044	30	34	.55	55	.07	4	1.38	.01	.13	1
S 50-731086	2	18	7	70	.2	24	9	434	2.07	2	5	ND	7	14	1	2	2	25	.16	.024	25	25	.46	60	.07	2	1.37	.01	.13	1
S 50-731087	3	10	7	68	.2	15	4	108	1.93	2	5	ND	5	7	1	2	2	30	.06	.019	14	20	.28	55	.08	2	1.12	.01	.08	1
S 50-731088	1	9	3	72	.4	17	5	127	2.31	2	5	ND	7	6	1	2	2	30	.11	.052	15	25	.44	62	.07	2	1.49	.01	.09	1
S 50-731089	3	22	9	114	.6	32	7	166	2.39	2	5	ND	8	9	1	2	2	28	.08	.028	14	27	.45	85	.07	2	1.73	.01	.10	1
S 50-731090	6	48	10	174	.5	61	14	307	3.19	5	5	ND	13	12	1	2	2	28	.11	.055	21	32	.57	111	.07	2	2.45	.01	.17	1
S 50-731091	4	31	5	112	.3	34	8	213	2.37	4	5	ND	9	12	1	2	2	23	.19	.045	16	23	.37	51	.06	2	1.47	.01	.10	1
S 50-731092	2	26	9	79	.1	29	9	268	2.54	2	5	ND	8	14	1	2	2	29	.15	.042	15	30	.57	56	.08	2	1.55	.01	.12	1
S 50-731093	3	11	9	76	.2	14	4	78	2.14	2	5	ND	5	6	1	2	2	21	.05	.068	9	16	.26	42	.03	2	1.09	.01	.03	1
S 50-731094	2	18	5	71	.3	28	9	253	2.39	2	5	ND	10	12	1	2	2	27	.19	.047	23	31	.61	70	.08	2	1.59	.01	.17	1
S 50-731095	2	16	8	67	.2	20	5	104	2.57	2	5	ND	5	5	1	2	2	25	.07	.040	11	25	.41	63	.05	2	1.70	.01	.10	1
S 50-731096	3	29	11	102	.5	37	9	433	2.65	2	5	ND	9	21	1	2	2	29	.28	.037	32	40	.63	65	.06	2	1.63	.01	.14	1
S 50-731097	3	14	2	88	.4	27	7	214	2.04	2	5	ND	7	10	1	2	2	24	.13	.018	20	33	.48	40	.06	2	1.18	.01	.06	1
S 50-731098	5	34	7	119	.5	44	12	447	3.15	5	5	ND	11	33	2	2	2	34	.49	.057	28	48	.79	93	.07	2	1.86	.02	.25	1
S 50-731099	3	24	10	95	.4	36	9	370	2.41	4	5	ND	11	21	1	2	2	24	.29	.050	24	35	.54	58	.06	2	1.33	.02	.15	1
S 50-731100	5	52	13	137	.3	52	14	510	3.50	5	5	ND	14	25	1	2	2	35	.31	.062	31	44	.80	92	.09	2	1.92	.02	.34	1
S 50-731101	6	37	9	171	1.5	49	11	448	2.84	3	5	ND	10	23	3	2	2	25	.23	.038	25	30	.48	73	.05	4	1.41	.01	.10	1
S 50-731102	8	62	13	180	1.0	61	14	400	3.60	6	5	ND	14	18	2	2	2	28	.15	.036	30	36	.62	93	.05	2	1.66	.01	.15	1
S 50-731103	8	41	15	179	.8	59	11	289	2.98	6	5	ND	8	16	1	2	2	25	.13	.040	20	25	.42	101	.03	2	1.53	.01	.07	1
STD C	19	61	40	131	7.3	67	29	1048	3.89	39	21	8	41	53	18	17	21	60	.58	.089	40	61	.90	180	.09	37	1.94	.07	.14	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	M PPM
S 50-731104	7	25	14	115	.4	32	5	163	3.33	6	5	ND	8	6	1	2	2	30	.06	.130	16	31	.39	56	.04	2	1.35	.01	.08	1
S 50-731105	7	32	7	131	5.5	41	11	212	3.00	3	5	ND	8	8	1	2	2	26	.06	.039	19	34	.48	79	.04	2	1.63	.01	.08	1
S 50-731106	5	23	13	165	.7	33	7	144	3.00	4	5	ND	8	9	1	2	2	27	.06	.044	20	26	.38	103	.04	2	1.59	.01	.08	1
S 50-731107	8	35	13	228	2.0	56	7	159	4.10	7	5	ND	9	11	1	2	2	35	.05	.079	20	28	.26	146	.03	3	1.72	.01	.09	1
S 50-731108	16	26	23	268	2.6	63	9	276	2.99	5	5	ND	4	39	1	2	2	38	.28	.032	15	21	.15	148	.02	2	1.82	.01	.06	1
S 50-731109	21	28	18	169	.7	47	9	119	4.88	4	5	ND	8	18	1	2	2	34	.07	.054	22	14	.07	74	.02	3	1.10	.01	.03	1
S 50-731110	7	43	20	242	1.2	53	10	183	3.53	7	5	ND	8	15	1	2	2	40	.08	.063	21	26	.21	188	.03	3	1.93	.01	.09	1
S 50-731111	4	11	12	89	.2	15	3	117	2.63	4	5	ND	8	8	1	2	2	42	.04	.090	25	20	.13	80	.03	2	1.37	.01	.05	1
S 50-731112	33	44	56	788	1.0	124	10	796	4.47	9	5	ND	8	92	6	3	2	104	.66	.094	23	24	.08	164	.01	4	1.63	.01	.06	1
S 50-731113	27	45	24	412	.6	100	12	253	5.56	7	5	ND	7	29	1	2	2	37	.08	.102	17	14	.06	146	.01	3	1.19	.01	.04	1
S 50-731114	9	52	11	349	2.7	146	14	374	3.39	10	5	ND	6	26	1	2	2	23	.19	.042	19	22	.26	130	.02	2	1.65	.01	.07	1
S 50-731115	9	100	20	411	9.1	157	22	1002	4.54	18	5	ND	6	36	2	2	2	31	.33	.184	23	33	.30	250	.02	3	2.87	.01	.15	1
S 50-731116	10	123	20	392	14.4	126	9	736	3.56	12	5	ND	3	87	6	2	2	23	1.06	.071	17	19	.30	160	.02	2	1.30	.01	.11	1
S 50-731117	4	13	7	64	2.8	15	2	67	1.73	13	5	ND	6	5	1	2	2	28	.01	.046	20	15	.11	45	.02	5	.76	.01	.03	1
S 50-731118	1	8	2	31	.7	17	2	79	1.14	2	5	ND	6	4	1	2	2	20	.04	.013	20	13	.06	59	.01	2	.82	.01	.03	1
S 50-731119	16	32	15	162	1.1	34	4	94	2.85	10	5	ND	7	11	1	2	2	39	.06	.133	19	17	.15	77	.02	2	.89	.01	.04	1
S 50-731120	10	64	15	189	.5	56	7	151	3.98	15	5	ND	9	12	1	2	2	26	.04	.058	23	26	.38	89	.02	4	1.28	.01	.07	1
S 50-731121	22	103	20	201	.7	44	5	130	3.81	11	5	ND	6	10	1	2	2	35	.02	.081	22	14	.10	80	.02	2	.66	.01	.03	1
S 50-731122	7	45	22	162	1.1	56	13	272	4.41	9	5	ND	12	12	1	2	2	31	.11	.118	18	40	.55	78	.04	6	2.37	.01	.10	1
S 50-731123	4	17	12	101	1.2	26	7	123	2.87	2	5	ND	6	10	1	2	2	29	.08	.033	14	32	.36	74	.04	5	1.65	.01	.08	1
S 50-731124	4	16	8	110	.4	30	10	333	2.71	2	5	ND	6	13	1	2	2	27	.18	.047	14	34	.59	43	.04	2	1.30	.01	.07	1
S 50-731125	5	25	6	93	.5	49	8	1259	2.63	2	5	ND	7	16	1	2	2	24	.19	.027	22	35	.55	62	.05	2	1.48	.01	.13	1
S 50-731126	4	18	8	81	.3	30	8	318	2.43	2	5	ND	8	10	1	2	2	23	.14	.030	18	36	.49	41	.05	2	1.19	.01	.09	1
S 50-731127	4	18	7	90	.3	34	9	254	2.52	2	5	ND	8	13	1	2	2	25	.18	.033	21	41	.55	42	.06	2	1.22	.01	.09	1
S 50-731128	2	14	4	51	.2	23	7	191	2.31	2	5	ND	7	9	1	2	3	25	.13	.033	15	32	.57	51	.06	2	1.38	.01	.11	1
S 50-731129	5	36	10	115	.6	45	13	410	4.14	5	5	ND	11	19	1	2	2	31	.30	.060	49	38	.63	82	.07	4	1.78	.01	.21	1
S 50-731130	3	14	5	92	.9	23	6	162	2.43	3	5	ND	6	8	1	2	2	22	.11	.034	13	22	.44	54	.06	2	1.36	.01	.09	1
S 50-731131	3	34	6	111	.9	44	10	488	2.93	2	5	ND	8	22	1	2	2	25	.34	.044	33	34	.62	64	.05	2	1.42	.01	.14	1
S 50-731132	3	29	9	81	.5	34	9	381	2.65	2	5	ND	8	15	1	2	2	26	.20	.031	30	30	.60	63	.06	3	1.46	.01	.15	1
S 50-731133	3	19	7	67	.2	26	7	226	2.43	2	5	ND	8	11	1	2	2	25	.13	.019	18	26	.51	58	.07	2	1.45	.01	.13	1
S 50-731134	3	13	8	74	.1	20	7	162	2.48	2	5	ND	4	8	1	2	2	24	.11	.039	10	24	.41	52	.05	2	1.29	.01	.10	1
S 50-731135	2	12	5	61	.2	18	5	151	2.01	2	5	ND	6	7	1	2	3	21	.08	.020	14	22	.40	40	.06	3	1.22	.01	.09	1
S 50-731136	2	16	13	82	.4	25	7	158	2.52	2	5	ND	9	9	1	2	2	25	.09	.039	15	28	.50	60	.06	2	1.78	.01	.10	1
S 50-731137	2	15	7	79	.1	25	7	191	2.21	2	5	ND	7	8	1	2	2	21	.08	.017	14	24	.43	57	.06	2	1.37	.01	.09	1
S 50-907001	2	12	9	85	.2	29	6	107	3.04	2	5	ND	6	6	1	2	2	26	.08	.042	12	26	.40	85	.06	2	1.99	.01	.09	1
S 50-907002	3	28	11	89	.2	38	9	400	2.84	3	5	ND	8	27	1	2	2	27	.36	.050	23	34	.60	90	.07	2	1.53	.01	.23	1
S 50-907003	7	27	12	117	.5	43	13	281	3.01	3	5	ND	8	14	1	2	2	25	.15	.036	17	37	.57	57	.05	5	1.56	.01	.10	1
S 50-907004	3	25	10	77	.1	35	10	266	2.64	3	5	ND	10	9	1	2	2	24	.14	.048	22	35	.59	46	.05	3	1.31	.01	.13	1
S 50-907005	3	22	10	79	.2	34	10	203	2.64	2	5	ND	7	7	1	2	2	24	.12	.044	16	36	.59	45	.05	2	1.36	.01	.10	1
STD C	19	60	39	125	7.4	68	28	1005	4.12	38	22	8	38	50	16	17	19	58	.48	.087	38	60	.85	172	.08	37	1.86	.06	.14	14



SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AS PPM	NI PPM	CO PPM	MM PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	M PPM
S 50-907006	5	28	12	97	.7	52	12	139	2.94	5	5	ND	11	6	2	2	2	25	.06	.037	12	41	.52	71	.04	3	1.82	.01	.09	3
S 50-907007	4	37	11	153	1.0	51	9	196	2.82	2	5	ND	9	13	2	2	2	25	.10	.058	12	33	.40	71	.05	3	1.63	.01	.10	1
S 50-907008	4	25	13	180	1.1	40	10	134	3.42	3	5	ND	7	9	1	2	2	31	.07	.074	9	28	.34	74	.06	2	2.03	.01	.05	1
S 50-907009	4	35	12	250	2.0	95	10	664	2.81	4	5	ND	7	30	4	2	2	25	.28	.025	14	31	.50	98	.08	5	1.68	.01	.08	1
S 50-907010	5	56	14	227	4.0	111	12	214	3.59	31	5	ND	6	14	1	2	2	19	.07	.058	13	24	.25	89	.02	3	1.53	.01	.04	1
S 50-907011	5	25	11	113	2.1	32	5	136	2.71	6	5	ND	4	16	1	2	2	21	.09	.058	14	17	.13	117	.02	2	1.02	.01	.03	1
S 50-907012	9	27	7	106	.1	35	6	108	2.94	6	5	ND	4	6	1	2	2	17	.03	.046	15	13	.15	54	.01	2	.91	.01	.02	1
S 50-907013	5	43	18	175	2.6	95	21	764	4.62	6	5	ND	7	89	1	2	2	23	.90	.100	14	25	.22	116	.02	2	3.89	.01	.06	1
S 50-907014	21	20	15	147	.2	54	7	127	3.33	10	5	ND	2	8	1	2	2	20	.05	.039	8	5	.03	92	.01	2	.55	.01	.01	1
S 50-907015	7	30	20	282	1.3	53	11	167	4.59	8	5	ND	6	14	2	2	2	25	.10	.107	11	20	.23	106	.02	2	1.62	.01	.05	1
S 50-907016	29	42	20	283	1.0	91	11	121	3.91	7	5	ND	4	4	1	2	2	13	.02	.047	11	4	.03	25	.01	3	.43	.01	.01	1
S 50-907017	19	24	13	152	.7	45	6	153	3.44	4	5	ND	5	4	1	2	2	15	.01	.030	11	7	.06	38	.01	3	.65	.01	.01	1
STD C	19	60	41	127	7.2	68	28	1922	4.18	39	21	8	39	31	18	18	21	59	.47	.086	38	59	.88	173	.08	37	1.94	.06	.13	13

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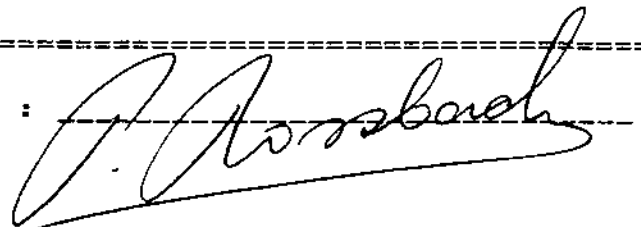
**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.  
PROJECT: 412  
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87770  
INVOICE#: 80166  
DATE ENTERED: 87-11-05  
FILE NAME: A&M87770  
PAGE # : 1

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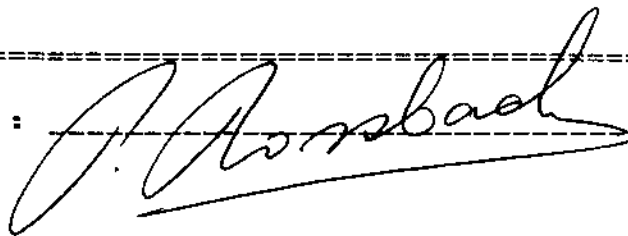
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**ROSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**CERTIFICATE OF ANALYSIS**TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.CERTIFICATE#: 87770  
INVOICE#: 80166  
DATE ENTERED: 87-11-05  
FILE NAME: A&M87770  
PAGE # : 2PROJECT: 412  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
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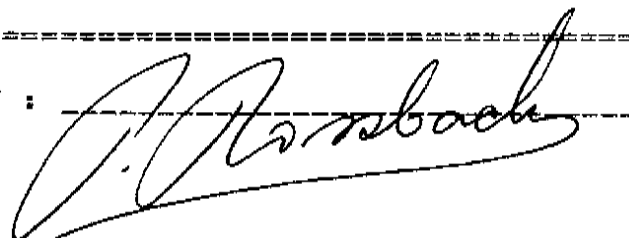
TO : A&M EXPLORATION LTD.  
 614-850 W. HASTINGS STREET  
 VANCOUVER B.C.

CERTIFICATE#: 87770  
 INVOICE#: 80166  
 DATE ENTERED: 87-11-05  
 FILE NAME: A&M87770  
 PAGE # : 3

PROJECT: 412  
 TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
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S	50-731076	S
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S	731079	S
S	731080	S
S	731081	S
S	731082	S
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S	731084	S
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S	50-731086	S
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S	731091	S
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S	731094	S
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S	50-731096	S
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S	731099	S
S	731100	S
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S	731102	S
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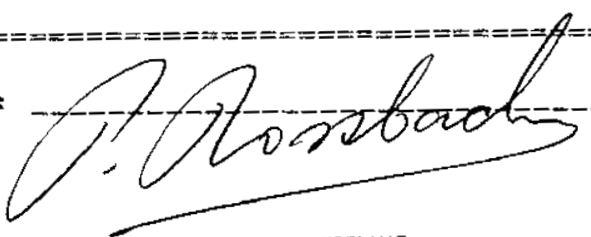
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**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
 614-850 W. HASTINGS STREET  
 VANCOUVER B.C.  
 PROJECT: 412  
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87770  
 INVOICE#: 80166  
 DATE ENTERED: 87-11-05  
 FILE NAME: A&M87770  
 PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
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TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

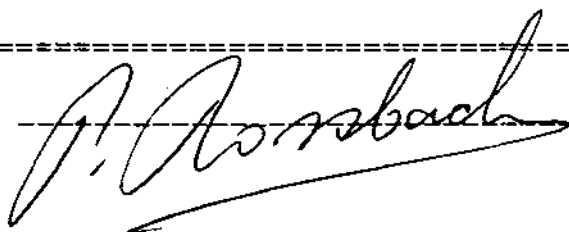
TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.

CERTIFICATE#: 87770  
INVOICE#: 80166  
DATE ENTERED: 87-11-05  
FILE NAME: A&M87770  
PAGE # : 5

PROJECT: 412  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	50-907010	5
S	907011	5
S	907012	5
S	907013	5
S	907014	5
S	907015	5
S	907016	5
S	50-907017	5

CERTIFIED BY :



**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
 614-850 W. HASTINGS STREET  
 VANCOUVER B.C.  
 PROJECT: 420  
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87866  
 INVOICE#: 80303  
 DATE ENTERED: 87-12-16  
 FILE NAME: A&M87866  
 PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
5	725001	5
5	725002	5
5	725003	5
5	725004	5
5	725005	20
5	725006	5
5	725007	5
5	725008	5
5	725009	5
5	725010	5
5	725011	5
5	725012	5
5	725013	5
5	725014	5
5	725015	5
5	725016	5
5	725017	5
5	725018	5
5	725019	5
5	725020	5
5	725021	5
5	725022	5
5	725023	5
5	725024	5
5	725025	5
5	725026	5
5	725027	5
5	725028	5
5	725029	MISSING
5	725030	5
5	725031	5
5	725032	5
5	725033	5
5	725034	5
5	725035	5
5	725036	5
5	725037	10
5	725038	5
5	725039	5
5	725040	5

CERTIFIED BY : \_\_\_\_\_

**BOSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
 614-850 W. HASTINGS STREET  
 VANCOUVER B.C.  
 PROJECT: 420  
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87866  
 INVOICE#: 80303  
 DATE ENTERED: 87-12-16  
 FILE NAME: A&M87866  
 PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
S	725041	S
S	725042	S
S	725043	S
S	725044	S
S	725045	S
S	725046	S
S	725047	S
S	725048	S
S	725049	S
S	725050	S
S	725051	S
S	725052	S
S	725053	S
S	725054	S
S	725055	S
S	725056	S
S	725057	S
S	725058	S
S	725059	S
S	725060	S
S	725061	S
S	725062	S
S	725063	S
S	725064	S
S	725065	S
S	725066	S
S	725067	S
S	725068	S
S	725069	S
S	725070	S
S	725071	S
S	725072	S
S	725073	S
S	725074	S
S	725075	S
S	725076	S
S	725077	S
S	725078	S
S	725079	S
S	725080	S

CERTIFIED BY : \_\_\_\_\_

**JSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
 614-850 W. HASTINGS STREET  
 VANCOUVER B.C.  
 PROJECT: 420  
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87866  
 INVOICE#: 80303  
 DATE ENTERED: 87-12-16  
 FILE NAME: A&M87866  
 PAGE # : 3

PRE FIX	SAMPLE NAME	PPB Au
S	725081	5
S	725082	5
S	725083	5
S	725084	5
S	725085	5
S	725086	MISSING
S	725087	5
S	725088	5
S	725089	5
S	725090	5
S	725091	5
S	725092	5
S	725093	5
S	725094	5
S	725095	5
S	726001	5
S	726002	5
S	726003	5
S	726004	5
S	726005	5
S	726006	5
S	726007	5
S	726008	10
S	726009	5
S	726010	5
S	726011	5
S	726012	5
S	726013	5
S	726014	5
S	726015	5
S	726016	5
S	726017	5
S	726018	5
S	726019	5
S	726020	5
S	726021	5
S	726022	5
S	726023	5
S	726024	5
S	726025	5

CERTIFIED BY : \_\_\_\_\_

**OSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**CERTIFICATE OF ANALYSIS**TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.CERTIFICATE#: 87866  
INVOICE#: 80303  
DATE ENTERED: 87-12-16  
FILE NAME: A&M87866  
PAGE # : 4PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	726026	5
S	726027	5
S	726028	5
S	726029	5
S	726030	5
S	726031	5
S	726033	5
S	726034	5
S	726035	5
S	726036	MISSING
S	726037	5
S	726038	5
S	726039	5
S	726040	5
S	726041	5
S	726042	5
S	726043	5
S	726044	5
S	726045	5
S	726046	5
S	726047	5
S	726048	5
S	726049	5
S	726050	5
S	726051	5
S	726052	5
S	726053	5
S	726054	5
S	726055	5
S	726056	40
S	726057	5
S	726058	5
S	726059	5
S	726060	5
S	726061	5
S	726062	5
S	726063	5
S	726064	5
S	726065	5
S	726066	5

CERTIFIED BY : \_\_\_\_\_



**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.  
PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87866  
INVOICE#: 80303  
DATE ENTERED: 87-12-16  
FILE NAME: A&M87866  
PAGE # : 5

PRE FIX	SAMPLE NAME	PPB Au
S	726067	5
S	726069	5
S	726070	5
S	726071	5
S	726072	5
S	726073	5
S	726074	5
S	726075	5
S	726076	5
S	726077	5
S	726078	5
S	726079	5
S	726080	5
S	726081	5
S	726082	5
S	726100	5
S	726101	5
S	726102	5
S	726103	5
S	726104	5
S	726105	5
S	726106	5
S	726107	5
S	726108	5
S	726109	5
S	726110	5
S	726111	5
S	726112	5
S	726113	5
S	726114	5
S	726115	5
S	726116	5
S	726118	5
S	726119	5
S	726120	5
S	727001	5
S	727002	5
S	727003	5
S	727004	5
S	727005	5

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**OSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**CERTIFICATE OF ANALYSIS**TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.CERTIFICATE#: 87866  
INVOICE#: 80303  
DATE ENTERED: 87-12-16  
FILE NAME: A&M87866  
PAGE # : 6PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	727006	5
S	727007	5
S	727008	5
S	727009	5
S	727010	5
S	727011	5
S	727012	5
S	727013	5
S	727014	5
S	727015	5
S	727016	5
S	727017	5
S	727018	5
S	727019	5
S	727020	5
S	727021	5
S	727022	5
S	727023	5
S	727024	5
S	727025	5
S	727026	5
S	727027	5
S	727028	5
S	727029	5
S	727030	5
S	727031	5
S	727032	5
S	727033	5
S	727034	5
S	727035	5
S	727036	5
S	727037	5
S	727038	5
S	727039	5
S	727040	5
S	727041	5
S	727042	5
S	727043	5
S	727044	5
S	727045	5

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**ROSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**CERTIFICATE OF ANALYSIS**TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.CERTIFICATE#: 87866  
INVOICE#: 80303  
DATE ENTERED: 87-12-16  
FILE NAME: A&M87866  
PAGE # : 7PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	727046	5
S	727047	5
S	727048	5
S	727049	5
S	727050	5
S	727051	5
S	727052	5
S	727053	5
S	727054	5
S	727055	5
S	727056	5
S	727057	5
S	727058	5
S	727059	5
S	727060	5
S	727061	30
S	727062	5
S	727063	5
S	727064	5
S	727065	5
S	727066	5
S	727067	5
S	727068	5
S	727069	5
S	727070	5
S	727071	5
S	727072	5
S	727073	5
S	727074	5
S	727075	5
S	727076	5
S	727077	5
S	727078	5
S	727079	5
S	727080	5
S	727081	5
A	L11N 575E	5
A	726032	20
A	726068	5
S	L11N 575E	5

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2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

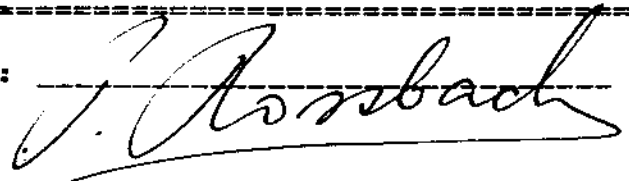
TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.

CERTIFICATE#: 87843  
INVOICE#: 80276  
DATE ENTERED: 87-12-08  
FILE NAME: A&M87843  
PAGE # : 1

PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	715001	S
S	715002	S
S	715003	S
S	715004	S
S	715005	S
S	715006	S
S	715007	S
S	715008	S
S	715009	S
S	715010	S
S	715011	S
S	715012	S
S	715013	S
S	715014	S
S	715015	S
S	715016	S
S	715017	S
S	715018	S
S	715019	S
S	715020	S
S	715021	S
S	715022	S
S	715023	S
S	715024	S
S	715025	S
S	715026	S
S	715027	S
S	715028	S
S	715029	S
S	715030	S
S	715031	S
S	715032	S
S	715033	S
S	715034	S
S	715035	S
S	715036	S
S	715037	S
S	715038	S
S	715039	S
S	715040	S

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**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

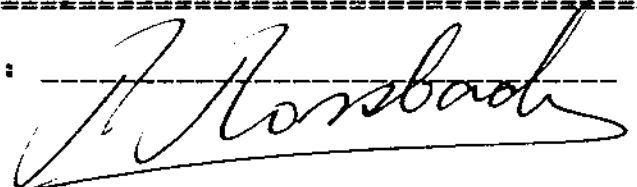
TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.

CERTIFICATE#: 87843  
INVOICE#: 80276  
DATE ENTERED: 87-12-08  
FILE NAME: A&M87843  
PAGE # : 2

PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	715041	5
S	715042	5
S	731400	5
S	731401	5
S	731402	5
S	731403	5
S	731404	5
S	731405	5
S	731406	5
S	731407	5
S	731408	5
S	731409	5
S	731410	5
S	731411	40
S	731412	5
S	731413	5
S	731414	5
S	731415	5
S	731416	5
S	731417	5
S	731418	5
S	731419	5
S	731420	5
S	731421	5
S	731422	5
S	731423	5
S	731424	5
S	731425	5
S	731426	5
S	731427	5
S	731428	5
S	731429	5
S	731430	5
S	731431	5
S	731432	5
S	731433	5
S	731434	5
S	731435	5
S	731436	5
S	731437	5

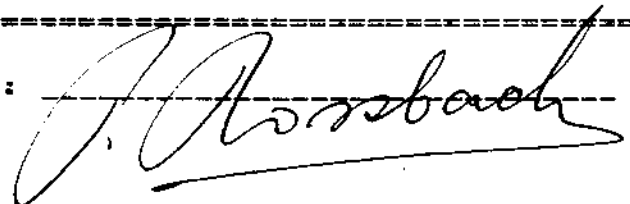
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**ROSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**CERTIFICATE OF ANALYSIS**TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.CERTIFICATE#: 87843  
INVOICE#: 80276  
DATE ENTERED: 87-12-08  
FILE NAME: A&M87843  
PAGE # : 3PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	731438	5
S	731439	5
S	731440	5
S	731441	5
S	731442	5
S	731443	5
S	731444	5
S	731445	5
S	731446	5
S	731447	5
S	731448	5
S	731449	5
S	731450	5
S	731451	5
S	731452	5
S	731453	5
S	731454	30
S	731455	5
S	731456	5
S	731457	5
S	731458	5
S	731459	5
S	731460	5
S	731461	5
S	731462	5
S	731463	5
S	731464	5
S	731465	5
S	731466	5
S	731467	10
S	731468	5
S	731469	5
S	731470	5
S	731471	5
S	731472	5
S	731473	5
S	731474	20
S	731475	5
S	731476	10
S	731477	5

CERTIFIED BY :



**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**CERTIFICATE OF ANALYSIS**

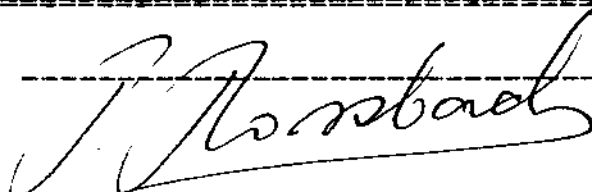
TO : A&M EXPLORATION LTD.  
614-850 W. HASTINGS STREET  
VANCOUVER B.C.

CERTIFICATE#: 87843  
INVOICE#: 80276  
DATE ENTERED: 87-12-08  
FILE NAME: A&MB7843  
PAGE # : 4

PROJECT: 420  
TYPE OF ANALYSIS: GEOCHEMICAL

PRE FIX	SAMPLE NAME	PPB Au
S	731478	S
S	731479	S
S	731480	S
S	731481	S
S	731482	S
S	731483	S
S	731484	S
S	731485	S
S	731486	S
S	731487	S
S	731489	S
S	731491	S
S	731492	S
S	731493	S
S	731494	S
S	731495	S
S	731496	S
S	731497	S
S	731498	S
S	731499	S
S	731500	S
S	731501	S
S	731502	S
S	731503	S
S	731504	S
S	731505	S
S	731506	S
S	731507	S
S	731508	S
S	731509	S
S	731510	S
S	731511	S

CERTIFIED BY :



GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR NS BA TI B U AND LIMITED FOR NA K AND AL. MU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOLUTION

DATE RECEIVED: DEC 10 1987 DATE REPORT MAILED: Dec 14/87 ASSAYER: D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT # 87843 File # 87-6108 Page 1 #420

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
S 715 001	3	27	13	118	.6	49	11	499	2.88	3	5	ND	8	17	2	2	2	28	.27	.033	29	46	.68	70	.07	2	1.64	.03	.15	1
S 715 002	3	19	11	98	.5	31	9	356	2.59	3	5	ND	6	17	1	2	2	27	.26	.021	22	35	.53	64	.06	2	1.28	.02	.11	1
S 715 003	2	16	6	81	.2	31	9	294	2.59	2	5	ND	9	10	1	2	2	23	.18	.040	21	29	.65	55	.06	2	1.33	.02	.11	1
S 715 004	5	57	14	161	1.5	75	12	706	4.72	2	5	ND	11	47	2	2	2	42	.63	.055	37	52	.94	223	.09	2	3.18	.04	.45	1
S 715 005	3	15	12	141	.2	31	7	168	3.57	2	5	ND	6	9	1	2	2	29	.09	.065	11	30	.41	101	.07	2	2.59	.02	.15	1
S 715 006	3	9	6	71	.3	19	5	181	2.32	2	5	ND	5	7	1	2	2	23	.09	.020	16	24	.49	55	.07	2	1.25	.02	.10	1
S 715 007	4	27	11	104	.7	34	9	356	2.60	2	5	ND	9	18	1	2	2	27	.26	.046	28	29	.61	95	.08	2	1.65	.03	.21	1
S 715 008	3	16	4	76	.1	22	6	183	2.12	2	5	ND	4	10	1	2	2	22	.14	.032	12	23	.52	57	.05	2	1.28	.02	.10	1
S 715 009	4	19	14	117	.3	32	7	124	2.92	2	5	ND	5	6	1	2	2	28	.08	.063	10	23	.40	82	.05	2	1.78	.01	.07	1
S 715 010	17	58	25	286	.5	61	8	182	3.97	14	5	ND	5	12	1	2	2	22	.04	.099	12	15	.22	111	.01	2	1.15	.01	.06	1
S 715 011	16	113	25	325	.6	85	16	427	4.74	16	8	ND	12	8	1	2	2	22	.04	.060	25	22	.47	115	.03	2	1.64	.01	.11	1
S 715 012	3	10	2	79	.2	22	6	213	2.04	4	5	ND	5	9	1	2	2	22	.14	.017	13	23	.58	47	.06	2	1.22	.02	.06	1
S 715 013	3	27	7	94	.2	31	9	293	2.88	2	5	ND	10	10	1	2	2	23	.14	.033	23	26	.68	46	.05	2	1.42	.02	.13	1
S 715 014	5	22	17	181	1.0	34	9	206	3.66	3	5	ND	7	16	1	2	2	29	.24	.067	14	27	.47	79	.06	2	2.37	.02	.13	1
S 715 015	4	22	13	121	.5	31	10	413	2.80	2	5	ND	7	13	1	2	2	26	.14	.023	20	28	.58	65	.07	2	1.55	.02	.12	1
S 715 016	5	34	10	107	.6	33	11	447	3.00	2	5	ND	6	17	1	2	2	27	.18	.023	27	30	.53	66	.06	2	1.42	.02	.13	1
S 715 017	6	28	17	119	.4	46	14	490	3.51	4	5	ND	7	20	1	2	2	28	.26	.039	20	38	.57	70	.07	2	1.63	.02	.14	1
S 715 018	2	11	6	82	.3	24	6	140	2.66	2	5	ND	5	8	1	2	2	23	.11	.032	11	31	.54	60	.05	2	1.58	.02	.08	1
S 715 019	3	17	14	143	.8	44	12	248	3.13	2	5	ND	5	9	1	2	2	25	.09	.062	9	46	.58	77	.05	2	2.14	.02	.10	1
S 715 020	4	17	10	98	.3	32	8	206	2.87	2	5	ND	4	10	1	2	2	26	.13	.038	13	37	.53	51	.04	2	1.35	.01	.08	1
S 715 021	8	40	13	227	.3	51	11	367	3.04	3	5	ND	9	14	1	2	2	24	.23	.044	22	24	.58	70	.06	2	1.30	.02	.13	1
S 715 022	10	65	17	273	1.2	76	11	240	4.42	3	5	ND	10	23	1	2	2	25	.40	.043	25	28	.41	66	.04	2	2.50	.02	.09	1
S 715 023	8	25	13	174	.2	35	6	149	3.49	2	5	ND	5	8	1	2	2	23	.08	.066	13	22	.39	83	.04	2	1.49	.02	.09	1
S 715 024	9	30	11	223	.5	50	12	317	3.11	3	5	ND	6	14	1	2	2	24	.15	.028	12	22	.36	55	.05	2	1.28	.02	.07	1
S 715 025	5	25	12	98	.9	19	4	99	1.73	2	5	ND	5	7	1	2	2	18	.05	.021	16	12	.16	39	.05	2	.71	.01	.03	1
S 715 026	3	27	9	120	.4	49	13	762	3.23	2	5	ND	7	17	1	2	2	29	.19	.032	23	43	.69	81	.07	2	1.69	.02	.11	1
S 715 027	3	12	7	94	.2	49	9	231	2.71	2	5	ND	5	9	1	2	2	29	.13	.014	12	70	.81	35	.06	2	1.38	.02	.07	1
S 715 028	4	22	7	100	.5	32	9	282	2.96	2	5	ND	5	6	1	2	2	22	.07	.026	11	36	.46	46	.04	2	1.38	.01	.08	1
S 715 029	5	31	11	142	.4	55	10	234	3.16	4	5	ND	7	11	1	2	2	24	.09	.022	15	35	.48	73	.05	2	1.58	.01	.11	1
S 715 030	9	28	13	178	1.9	64	11	180	3.98	8	5	ND	7	6	1	2	2	26	.08	.109	10	48	.55	49	.03	2	2.34	.01	.06	1
S 715 031	5	45	12	160	.4	65	15	380	3.76	9	5	ND	15	18	1	2	2	28	.16	.048	28	36	.64	74	.06	2	2.11	.03	.18	1
S 715 032	6	52	12	187	.8	74	15	512	3.82	8	5	ND	12	19	2	2	2	29	.15	.049	26	55	.73	74	.04	2	1.80	.02	.11	1
S 715 033	6	25	13	170	2.3	25	6	254	3.00	7	5	ND	4	9	2	2	2	27	.08	.094	12	32	.26	77	.04	2	1.64	.02	.08	1
S 715 034	4	21	8	114	.4	31	7	319	2.42	3	5	ND	7	20	1	2	2	22	.29	.030	24	29	.52	54	.05	2	1.16	.02	.12	1
S 715 035	7	29	18	238	.4	42	10	310	3.90	7	5	ND	5	13	1	2	2	27	.13	.048	10	32	.41	69	.06	2	1.52	.02	.08	1
S 715 036	13	57	19	290	.7	69	14	322	4.91	16	5	ND	7	14	1	2	2	24	.07	.099	9	44	.44	74	.05	2	1.80	.02	.08	1
S 715 037	6	26	13	263	.7	58	12	219	4.35	6	5	ND	5	15	1	2	2	30	.13	.089	7	56	.45	65	.06	2	1.83	.01	.06	1
S 715 038	15	50	25	261	1.7	53	10	157	4.76	3	5	ND	7	10	1	2	2	28	.10	.063	16	24	.28	67	.03	2	2.02	.01	.06	1
S 715 039	34	42	33	243	1.5	29	7	310	5.34	4	5	ND	7	13	1	2	2	28	.04	.119	11	23	.21	109	.02	2	1.81	.01	.04	1
STD C	18	57	38	131	7.3	67	28	1060	4.10	41	23	7	37	50	18	18	19	56	.48	.081	38	60	.91	175	.08	32	1.85	.07	.14	12

ROSSBACHER LABORATORY PROJECT-CE W 87843 FILE # 87-6108

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	M PPM
S 715 040	25	72	21	750	3.0	301	35	15286	42.79	2	7	ND	7	53	7	2	2	5	.70	.039	7	6	.16	438	.01	2	.43	.02	.06	1
S 715 041	19	44	25	270	.6	62	13	247	5.40	13	5	ND	5	10	1	2	2	42	.06	.066	9	75	.45	80	.05	2	2.32	.02	.05	1
S 715 042	5	29	10	173	.9	85	13	359	3.31	5	5	ND	4	14	1	2	2	35	.16	.027	15	91	.86	57	.04	2	1.79	.02	.07	1
S 731 400	4	12	12	91	.4	22	6	226	2.55	3	5	ND	4	10	1	2	2	24	.10	.050	12	23	.21	35	.03	2	.76	.02	.05	1
S 731 401	4	29	8	131	.6	45	10	473	2.96	3	5	ND	8	22	1	2	2	29	.26	.033	32	48	.69	75	.05	2	1.75	.02	.17	1
S 731 402	4	19	11	136	.6	41	9	288	2.95	3	5	ND	9	13	1	2	2	26	.13	.029	26	34	.60	57	.04	2	1.56	.02	.12	1
S 731 403	5	33	15	136	.4	52	12	323	3.38	3	5	ND	11	12	1	2	2	28	.13	.040	27	41	.70	70	.05	2	1.92	.02	.15	1
S 731 404	6	27	17	142	.4	43	9	230	3.75	8	5	ND	7	10	1	2	2	30	.08	.080	16	46	.47	64	.04	2	1.54	.02	.09	2
S 731 405	7	45	23	239	.7	52	7	151	4.81	14	6	ND	8	12	1	2	2	35	.06	.136	14	30	.35	62	.05	2	1.53	.01	.06	2
S 731 406	6	52	11	229	.6	56	10	218	4.02	10	5	ND	7	11	1	2	2	23	.06	.077	18	24	.44	98	.03	2	1.90	.01	.06	1
S 731 407	9	78	25	440	4.8	86	20	549	4.65	10	5	ND	8	17	2	2	2	34	.08	.111	16	31	.35	176	.03	2	2.26	.02	.08	1
S 731 408	12	37	22	263	1.2	49	7	177	4.15	14	5	ND	8	12	1	2	3	37	.05	.112	20	28	.33	172	.03	2	1.93	.02	.09	1
S 731 409	11	74	18	294	1.1	72	11	349	4.56	6	5	ND	7	15	1	2	2	37	.06	.068	18	25	.23	166	.03	2	1.79	.02	.08	1
S 731 410	26	121	28	602	1.6	131	10	231	5.30	73	5	ND	10	8	2	2	4	18	.02	.103	23	13	.06	87	.01	2	1.03	.01	.06	2
S 731 411	9	78	15	220	.8	66	6	182	3.78	16	5	ND	10	29	1	2	2	24	.02	.051	24	17	.12	237	.01	2	.88	.01	.07	1
S 731 412	8	57	15	214	2.3	63	7	124	3.68	46	5	ND	8	10	1	2	2	26	.03	.051	19	19	.17	114	.02	2	1.35	.01	.06	2
S 731 413	8	49	16	211	1.3	53	8	228	3.59	19	5	ND	9	33	1	2	2	21	.28	.037	23	19	.37	91	.03	2	1.18	.02	.07	1
S 731 414	6	55	21	213	7.5	104	11	473	3.46	11	5	ND	8	30	1	2	2	22	.26	.034	19	18	.29	117	.03	2	1.41	.02	.06	2
S 731 415	7	64	19	297	6.2	168	14	1633	3.84	13	5	ND	5	31	1	2	2	26	.22	.071	12	23	.23	191	.02	2	1.94	.02	.07	1
S 731 416	7	16	13	67	.5	20	2	75	1.89	7	5	ND	5	6	1	2	2	21	.02	.028	17	9	.06	57	.01	2	.60	.01	.03	1
S 731 417	11	55	21	310	2.4	99	14	344	4.43	22	6	ND	10	35	2	2	2	35	.24	.050	22	27	.39	177	.03	2	2.34	.02	.14	1
S 731 418	11	30	17	100	1.9	33	3	105	2.53	9	5	ND	8	22	1	2	2	26	.04	.034	24	15	.09	136	.02	2	.92	.01	.04	1
S 731 419	6	28	22	161	5.6	26	4	115	3.21	6	5	ND	7	11	1	2	2	32	.04	.067	19	23	.17	91	.03	2	1.34	.01	.07	1
S 731 420	9	77	24	239	5.0	43	6	128	4.06	14	5	ND	6	23	2	2	2	30	.04	.144	17	22	.19	146	.03	2	2.01	.02	.09	1
S 731 421	16	13	23	65	.7	13	2	53	2.23	19	5	ND	5	10	1	3	2	37	.02	.041	18	14	.07	104	.02	2	.87	.01	.04	1
S 731 422	4	9	8	44	.4	10	1	52	1.24	2	5	ND	4	6	1	2	2	24	.04	.022	18	10	.05	37	.01	2	.54	.01	.02	1
S 731 423	20	79	21	244	.5	79	12	1112	3.99	10	5	ND	6	15	1	4	2	27	.03	.097	17	14	.09	128	.01	2	1.01	.01	.05	1
S 731 424	6	39	20	156	.6	31	6	795	4.81	7	6	ND	6	14	1	2	2	26	.07	.147	13	14	.08	131	.01	2	.92	.01	.04	1
S 731 425	8	37	19	201	.5	26	7	151	3.43	31	5	ND	5	15	1	2	2	27	.05	.110	11	17	.13	121	.02	2	1.50	.01	.03	1
S 731 426	3	25	8	190	.7	41	10	352	2.69	3	5	ND	10	18	1	2	2	21	.28	.046	21	24	.63	56	.06	2	1.24	.02	.16	1
S 731 427	1	6	7	80	.2	14	4	118	1.74	2	5	ND	6	9	1	2	2	21	.12	.038	13	20	.36	44	.05	2	1.11	.02	.07	1
S 731 428	4	36	13	178	.2	30	12	591	3.58	3	5	ND	12	16	1	2	2	25	.16	.039	31	36	.69	60	.04	2	1.81	.02	.10	1
S 731 429	3	28	15	169	.6	51	11	466	3.12	5	5	ND	11	23	1	2	2	23	.23	.033	29	32	.64	52	.05	2	1.53	.02	.10	1
S 731 430	3	21	11	147	.4	43	11	281	3.23	4	5	ND	8	16	1	2	2	26	.17	.048	18	31	.51	59	.05	2	1.69	.02	.09	1
S 731 431	4	16	14	111	.3	24	8	543	2.95	3	5	ND	4	7	1	2	2	32	.05	.041	19	35	.29	57	.04	2	1.20	.01	.07	1
S 731 432	2	19	17	70	.6	18	5	197	3.27	8	5	ND	11	10	1	2	2	30	.15	.062	38	22	.32	36	.01	2	1.51	.02	.06	1
S 731 433	5	34	17	238	.5	76	13	293	4.39	7	5	ND	11	16	2	2	2	26	.15	.046	34	39	.77	44	.03	2	1.98	.02	.06	2
S 731 434	4	22	12	213	.3	51	11	370	3.18	2	5	ND	8	17	1	2	2	24	.17	.037	19	35	.60	43	.02	2	1.52	.02	.07	1
S 731 435	50	34	132	193	1.2	29	6	473	8.71	197	5	ND	4	67	1	11	2	47	.02	.120	10	14	.05	140	.03	2	.64	.01	.08	1
STD C	18	57	38	130	7.1	66	27	1045	4.03	40	23	7	37	49	18	16	17	55	.48	.081	38	58	.90	171	.08	35	1.91	.07	.13	13

SAMPLET	MO PPM	CU PPM	PB PPM	ZN PPM	AS PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MS I	BA PPM	TI I	B PPM	AL I	NA I	K I	W PPM
S 731 436	2	16	8	190	.7	46	9	274	2.87	2	5	ND	6	15	1	2	2	31	.15	.078	12	38	.31	73	.20	2	1.80	.02	.10	1
S 731 437	33	182	29	563	1.3	145	21	1594	7.89	77	5	ND	8	27	4	2	2	34	.08	.187	16	18	.08	157	.02	2	1.76	.01	.05	2
S 731 438	7	20	16	120	.4	26	4	126	3.20	14	5	ND	6	10	1	2	2	22	.02	.058	17	12	.07	81	.01	2	.79	.01	.04	1
S 731 439	5	22	10	102	.6	22	4	99	2.46	7	5	ND	5	8	1	2	2	22	.03	.050	15	12	.10	71	.02	2	.86	.01	.05	1
S 731 440	10	30	28	164	.7	26	5	134	3.03	21	5	ND	5	21	1	2	2	28	.03	.119	15	16	.10	128	.02	2	1.22	.01	.06	1
S 731 441	9	39	21	159	.6	32	6	244	3.43	13	5	ND	6	14	1	2	2	25	.03	.077	15	16	.16	117	.02	2	1.03	.01	.07	2
S 731 442	8	20	14	83	.3	17	3	84	2.19	3	5	ND	5	9	1	2	2	28	.04	.025	16	9	.05	93	.01	2	.53	.01	.03	1
S 731 443	9	18	12	69	.5	14	2	65	2.32	9	5	ND	5	8	1	2	2	23	.02	.044	15	10	.08	63	.01	2	.58	.01	.04	1
S 731 444	15	66	18	221	3.6	55	8	146	3.97	14	5	ND	8	11	1	2	2	23	.02	.078	15	23	.31	130	.02	2	1.69	.01	.08	1
S 731 445	10	10	8	55	.4	12	2	56	2.02	11	5	ND	4	4	1	2	2	23	.01	.032	14	7	.05	36	.01	2	.60	.01	.01	1
S 731 446	16	54	19	203	1.5	46	6	169	3.88	23	5	ND	7	14	1	2	2	26	.03	.094	19	18	.21	90	.02	2	1.26	.01	.08	2
S 731 447	8	30	16	129	1.9	33	5	132	3.24	7	5	ND	7	10	1	2	2	26	.07	.059	18	17	.18	92	.02	2	.96	.01	.07	1
S 731 448	2	13	4	40	.7	14	2	88	1.36	2	5	ND	5	4	1	2	2	18	.04	.017	21	10	.05	66	.01	2	.73	.01	.03	2
S 731 449	4	17	9	55	1.3	21	2	119	1.71	6	5	ND	6	8	1	2	2	21	.03	.023	21	10	.05	56	.01	2	.62	.01	.02	1
S 731 450	17	42	20	132	.6	56	12	306	6.65	7	5	ND	9	17	1	2	2	11	.07	.121	18	8	.07	54	.01	2	.79	.01	.04	1
S 731 451	29	56	27	565	.6	132	14	341	5.68	28	5	ND	7	43	4	2	2	46	.22	.104	13	21	.16	179	.01	2	1.27	.02	.06	2
S 731 452	13	34	23	249	1.0	67	11	288	5.01	14	5	ND	7	27	1	2	2	22	.08	.057	22	13	.14	84	.01	2	.97	.01	.04	1
S 731 453	11	63	19	224	.4	95	11	208	3.83	10	5	ND	8	18	1	2	2	33	.07	.055	22	33	.46	188	.04	2	2.13	.02	.12	1
S 731 454	7	159	30	322	6.7	194	11	475	4.65	8	5	ND	7	9	1	2	2	14	.01	.084	15	15	.09	108	.01	2	.93	.01	.04	1
S 731 455	10	28	16	154	2.1	28	6	146	3.25	13	5	ND	5	8	1	2	2	21	.03	.073	11	19	.23	73	.02	2	1.27	.01	.04	1
S 731 456	13	50	16	134	.9	38	5	97	2.88	16	5	ND	6	10	1	2	2	28	.02	.057	21	12	.10	52	.01	2	.57	.01	.04	1
S 731 457	13	9	14	87	.3	13	2	62	1.91	10	5	ND	6	9	1	2	2	46	.02	.032	18	12	.09	74	.02	2	.71	.01	.03	1
S 731 458	6	13	17	113	1.3	15	4	177	2.73	14	5	ND	4	15	1	2	2	30	.10	.076	14	13	.09	93	.02	2	.92	.02	.05	1
S 731 459	9	38	14	146	1.3	36	5	126	3.56	10	5	ND	6	9	1	2	2	31	.03	.095	18	18	.13	85	.02	2	1.06	.01	.05	2
S 731 460	10	35	10	143	.4	29	4	82	2.14	7	5	ND	5	11	1	2	2	20	.02	.029	22	7	.03	92	.01	2	.30	.01	.03	1
S 731 461	12	65	21	287	1.7	65	8	207	5.63	12	5	ND	7	11	1	2	2	24	.03	.126	17	22	.28	140	.02	2	1.59	.01	.06	1
S 731 462	10	74	24	328	4.4	122	13	573	4.39	7	5	ND	8	36	2	2	2	28	.29	.063	18	26	.36	207	.05	2	2.42	.02	.10	1
S 731 463	6	34	14	119	1.4	21	4	187	2.99	7	5	ND	5	9	1	2	2	19	.03	.071	13	10	.07	67	.02	2	.68	.01	.03	1
S 731 464	19	31	17	189	.3	34	5	55	2.54	32	5	ND	6	16	1	2	2	24	.02	.036	18	4	.02	62	.01	2	.29	.01	.03	1
S 731 465	11	49	17	398	1.2	109	10	257	5.07	33	5	ND	5	59	3	2	2	21	.20	.061	12	20	.31	137	.02	2	1.47	.02	.09	1
S 731 466	53	29	32	405	.6	52	6	152	3.60	27	5	ND	7	26	1	2	2	60	.04	.059	22	11	.06	85	.01	2	.59	.01	.04	1
S 731 467	29	85	47	543	1.8	105	21	782	5.60	40	5	ND	7	35	2	2	2	31	.08	.130	12	29	.47	146	.05	2	1.89	.02	.15	2
S 731 468	36	73	39	277	1.1	41	7	1036	7.34	43	5	ND	4	35	1	2	2	38	.17	.222	10	16	.07	134	.01	2	1.04	.02	.07	1
S 731 469	24	151	24	390	1.0	71	10	282	8.33	9	5	ND	7	24	1	2	2	26	.03	.187	14	15	.07	108	.01	2	.82	.01	.04	1
S 731 470	17	32	12	373	1.4	56	10	410	5.76	2	5	ND	8	11	2	2	2	38	.07	.083	23	15	.09	36	.03	2	.83	.01	.03	1
S 731 471	27	97	26	956	1.6	264	54	1818	7.49	8	5	ND	14	12	3	2	2	39	.07	.137	41	23	.21	53	.01	2	1.75	.01	.05	2
S 731 472	5	50	21	227	.5	60	15	750	4.17	13	5	ND	12	25	1	2	2	27	.28	.060	30	30	.73	65	.05	2	1.53	.02	.15	1
S 731 473	12	64	20	684	2.1	248	17	786	3.81	4	5	ND	8	15	3	2	2	27	.07	.050	16	28	.41	52	.03	2	1.65	.01	.05	3
S 731 474	23	50	27	244	1.8	52	8	294	4.44	43	5	ND	5	7	1	2	2	22	.04	.063	11	11	.05	71	.01	2	.96	.01	.05	2
STD C	18	58	38	131	7.5	67	28	1065	4.10	39	18	8	38	51	19	18	18	57	.49	.082	39	60	.91	177	.09	35	1.86	.07	.15	14



SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	W PPM
S 731 475	16	67	33	226	.3	38	6	349	4.52	11	5	ND	6	23	1	2	2	27	.07	.118	15	12	.09	78	.01	2	.70	.01	.04	1
S 731 476	33	257	28	1625	14.6	472	74	4500	17.90	53	5	ND	7	81	14	2	2	18	.70	.193	10	16	.20	129	.03	2	2.19	.02	.03	4
S 731 477	18	16	25	82	.3	15	3	75	2.11	15	5	ND	5	7	1	2	2	28	.03	.023	19	5	.02	30	.01	2	.23	.01	.02	1
S 731 478	46	46	59	437	3.2	64	7	178	6.19	68	5	ND	7	36	2	3	2	54	.11	.130	13	17	.11	146	.03	2	1.57	.01	.06	1
S 731 479	18	55	32	368	.8	52	12	297	6.03	38	5	ND	5	25	2	2	2	40	.17	.128	11	20	.21	122	.03	2	1.27	.01	.05	1
S 731 480	15	44	19	310	.4	52	12	321	4.21	22	5	ND	7	16	1	2	2	23	.04	.145	16	19	.26	134	.02	2	1.56	.01	.05	1
S 731 481	4	15	10	72	.2	17	4	122	2.17	8	5	ND	6	6	1	2	2	15	.03	.053	16	8	.05	54	.01	2	.49	.01	.03	1
S 731 482	14	24	31	184	5.2	27	3	95	3.97	10	5	ND	5	10	1	2	2	33	.03	.113	13	19	.09	109	.02	2	1.03	.01	.03	1
S 731 483	8	26	14	99	.6	20	3	57	2.01	9	5	ND	6	8	1	2	2	18	.02	.039	16	9	.07	58	.01	2	.46	.01	.02	1
S 731 484	11	46	17	191	2.3	50	5	113	3.26	9	5	ND	7	7	1	2	2	27	.02	.070	21	16	.13	79	.01	2	.91	.01	.05	1
S 731 485	12	36	24	249	8.7	35	7	103	3.98	15	5	ND	7	11	2	2	2	33	.04	.132	16	23	.21	150	.03	2	1.83	.01	.05	1
S 731 486	9	39	16	114	.6	34	4	91	2.37	12	5	ND	4	6	1	2	2	24	.04	.077	17	9	.04	53	.01	2	.40	.01	.03	1
S 731 487	11	28	9	148	.6	35	3	44	1.45	8	5	ND	5	6	1	2	2	25	.01	.021	18	10	.05	29	.01	2	.39	.01	.03	1
S 731 489	3	21	14	114	3.8	42	4	194	2.49	5	5	ND	5	10	1	2	2	22	.04	.043	14	17	.14	87	.02	2	.86	.01	.04	1
S 731 491	17	40	24	364	1.0	93	14	286	5.64	10	5	ND	6	71	2	2	2	35	.29	.079	14	17	.12	160	.01	2	1.46	.02	.05	1
S 731 492	78	106	39	701	1.7	157	14	134	4.82	6	5	ND	10	62	4	2	2	50	.17	.040	20	15	.08	206	.01	2	1.12	.01	.03	2
S 731 493	11	41	18	159	4.2	35	4	212	2.72	3	5	ND	5	9	1	2	2	26	.03	.068	13	16	.09	95	.02	2	.94	.01	.04	1
S 731 494	5	154	36	129	5.0	104	6	79	3.19	11	5	ND	13	69	1	2	2	36	.40	.049	119	32	.45	380	.03	2	3.40	.03	.09	1
S 731 495	7	24	13	103	.6	22	3	81	2.18	8	5	ND	4	11	1	2	2	21	.03	.042	14	10	.11	52	.01	2	.51	.01	.02	1
S 731 496	10	29	19	180	1.4	54	5	139	2.74	14	5	ND	5	10	1	2	2	28	.04	.068	16	14	.10	84	.01	2	.93	.01	.04	1
S 731 497	8	18	16	78	1.9	18	3	136	2.63	7	5	ND	7	7	1	2	2	32	.02	.042	18	15	.13	63	.02	2	.94	.01	.04	1
S 731 498	3	9	14	70	.4	9	1	24	.76	2	5	ND	7	10	1	2	2	33	.06	.008	22	15	.16	147	.02	2	.99	.01	.03	1
S 731 499	13	38	9	116	.5	42	3	66	2.11	5	5	ND	7	12	1	2	2	29	.02	.023	23	10	.04	107	.01	2	.46	.01	.02	1
S 731 500	16	61	19	226	1.2	38	6	230	5.18	19	5	ND	7	12	1	4	2	34	.02	.121	19	21	.07	145	.02	2	1.05	.01	.05	1
S 731 501	15	73	23	296	.6	74	12	366	4.68	37	5	ND	7	13	1	2	2	21	.04	.095	18	15	.21	117	.02	2	1.22	.01	.06	2
S 731 502	13	89	37	292	.6	110	10	245	5.15	68	5	ND	6	40	1	2	2	19	.04	.157	16	18	.19	110	.01	2	1.10	.01	.04	1
S 731 503	24	35	33	535	1.4	80	10	229	5.21	44	5	ND	5	26	3	2	2	34	.17	.097	13	13	.09	90	.01	2	.92	.01	.03	1
S 731 504	9	36	17	92	.1	23	5	198	3.03	5	5	ND	6	5	1	2	2	18	.01	.037	18	8	.02	21	.01	2	.42	.01	.02	1
S 731 505	5	27	9	65	.2	16	3	121	1.81	3	5	ND	3	7	1	2	2	19	.02	.025	13	6	.03	30	.01	2	.22	.01	.02	1
S 731 506	47	28	22	235	.9	41	7	158	4.73	26	5	ND	5	23	1	2	2	39	.01	.083	16	12	.05	89	.01	2	.78	.01	.03	1
S 731 507	58	11	54	80	.4	7	2	74	4.78	97	5	ND	6	41	1	6	2	64	.04	.063	18	9	.03	163	.01	2	.50	.01	.04	1
S 731 508	9	63	28	200	5.2	108	10	310	4.06	16	5	ND	6	43	1	2	2	22	.31	.067	11	20	.30	90	.03	2	1.38	.02	.06	1
S 731 509	7	45	9	487	4.4	150	17	1463	4.41	3	5	ND	5	14	3	2	2	21	.12	.087	10	19	.19	49	.03	2	1.20	.01	.05	1
S 731 510	6	60	18	266	1.5	175	19	2537	4.62	18	5	ND	8	54	6	2	2	30	.65	.041	40	49	.72	124	.07	2	2.29	.03	.28	1
S 731 511	7	51	22	188	.4	51	14	234	4.40	13	5	ND	10	23	1	2	2	39	.19	.037	13	34	.63	54	.11	2	2.13	.02	.12	1
STD C	19	58	37	131	7.2	67	27	1051	4.08	39	18	8	37	50	18	16	19	56	.49	.082	38	59	.92	175	.08	30	1.84	.07	.14	13

## GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MM FE CA P LA CR MG BA TI B M AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: DEC 15 1987

DATE REPORT MAILED: Dec 17/87

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT #87866 File # 87-6202 Page 1

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
S 725001	2	26	6	106	.3	29	9	203	2.76	2	5	ND	7	10	1	2	2	24	.16	.022	13	26	.61	62	.05	2	1.95	.02	.07	1
S 725002	17	80	7	510	.5	216	27	1753	7.58	56	5	ND	2	11	6	2	2	58	.36	.080	4	239	1.16	31	.01	2	2.19	.02	.01	1
S 725003	24	112	34	451	3.5	192	35	1526	7.21	13	5	ND	9	21	2	2	2	17	.51	.107	30	29	.11	59	.02	2	2.25	.02	.03	1
S 725004	19	16	13	97	.7	16	3	312	3.78	21	5	ND	6	8	1	2	2	31	.19	.047	24	6	.03	71	.01	3	.38	.01	.02	1
S 725005	42	77	25	264	.3	33	5	397	6.32	50	5	ND	5	10	1	2	2	31	.16	.097	20	9	.05	49	.01	2	.65	.01	.03	1
S 725006	25	48	34	341	1.1	42	19	3127	8.18	9	5	ND	4	28	3	2	2	31	.32	.132	14	10	.15	127	.01	2	1.04	.01	.03	2
S 725007	30	29	46	213	.9	25	5	234	6.19	30	5	ND	5	11	1	2	2	39	.03	.141	13	36	.25	86	.04	2	1.34	.01	.04	1
S 725008	10	126	32	409	1.9	135	18	2355	6.92	26	5	ND	20	69	2	2	2	45	.67	.075	38	57	.88	276	.10	2	4.90	.04	.49	2
S 725009	7	39	24	213	1.2	33	8	198	4.90	14	5	ND	8	26	1	2	2	35	.25	.177	13	33	.50	101	.09	2	2.23	.02	.12	2
S 725010	3	24	13	138	.6	39	10	633	3.78	6	5	ND	8	25	1	2	2	42	.44	.030	15	70	1.15	91	.24	2	2.27	.03	.24	1
S 725011	3	24	8	136	.6	33	9	304	2.89	4	5	ND	9	18	2	2	2	25	.25	.037	25	29	.72	54	.06	2	1.47	.02	.12	1
S 725012	17	51	24	309	.9	44	8	244	4.67	15	5	ND	7	18	1	2	2	32	.11	.173	16	25	.32	111	.04	2	1.25	.01	.07	2
S 725013	3	34	8	163	.5	31	9	475	2.61	4	5	ND	5	10	1	2	2	29	.13	.048	13	30	.51	88	.08	2	1.65	.02	.08	1
S 725014	10	52	28	223	.3	39	11	387	4.98	19	5	ND	8	25	1	2	2	39	.20	.063	18	35	.49	98	.08	2	2.05	.02	.09	1
S 725015	13	44	21	169	.4	33	10	508	4.51	15	3	ND	6	23	1	2	2	33	.16	.057	16	31	.50	97	.06	2	2.07	.02	.11	1
S 725016	8	41	22	584	.6	74	18	805	5.10	9	5	ND	7	27	1	2	2	32	.36	.059	13	34	.41	67	.05	2	2.33	.02	.07	2
S 725017	1	342	8	317	.2	332	42	1451	8.76	3	5	ND	6	4	1	2	2	7	.06	.044	10	15	.11	29	.01	2	.72	.01	.02	1
S 725018	3	9	8	32	.6	6	1	149	.62	2	5	ND	3	4	1	2	2	10	.08	.023	20	5	.05	27	.01	2	.34	.01	.02	2
S 725019	8	29	11	158	.4	42	10	241	3.32	7	5	ND	6	5	1	2	2	26	.06	.043	13	35	.36	66	.04	2	1.92	.01	.05	1
S 725020	5	166	11	875	6.1	176	40	590	2.94	4	7	ND	11	30	20	2	2	22	.70	.032	124	28	.34	60	.07	2	2.88	.03	.08	3
S 725021	7	32	14	243	2.0	67	14	214	4.20	7	5	ND	13	30	3	2	2	29	.60	.034	24	28	.49	42	.07	2	2.56	.02	.07	2
S 725022	7	19	10	141	.8	44	9	185	3.25	2	5	ND	8	10	1	2	2	26	.20	.037	20	28	.58	80	.05	2	2.14	.02	.07	2
S 725023	119	117	89	322	5.0	183	20	492	10.51	17	5	ND	10	9	2	3	6	16	.07	.156	29	14	.14	38	.01	2	1.35	.01	.05	1
S 725024	19	112	25	290	1.8	118	28	888	5.81	13	8	ND	20	27	6	2	2	41	.42	.057	88	45	.72	179	.08	2	2.63	.03	.28	1
S 725025	12	55	16	405	.9	108	15	780	4.02	6	5	ND	12	23	5	2	2	31	.41	.047	37	37	.79	90	.07	2	2.14	.03	.17	2
S 725026	7	154	14	403	.6	348	93	3361	10.86	46	5	ND	5	30	5	2	2	79	.68	.087	13	242	2.33	45	.01	2	3.84	.02	.04	2
S 725027	6	20	12	271	.6	41	9	407	4.02	5	5	ND	6	11	1	2	2	37	.15	.043	12	35	.45	57	.07	2	1.95	.02	.07	1
S 725028	11	28	18	164	.3	33	4	142	2.89	5	5	ND	4	8	1	2	2	24	.06	.094	11	13	.12	38	.02	2	.66	.01	.04	1
S 725030	9	36	11	197	.4	44	11	632	3.57	2	5	ND	8	17	1	2	2	32	.13	.040	24	33	.52	100	.05	2	2.08	.02	.13	1
S 725031	4	11	10	133	.2	22	6	114	4.45	6	5	ND	5	9	1	2	2	41	.07	.022	7	34	.40	36	.09	2	1.84	.01	.06	1
S 725032	15	43	67	262	.9	26	6	645	6.35	9	5	ND	5	13	1	2	2	24	.15	.093	42	14	.21	61	.01	2	.76	.01	.05	1
S 725033	12	30	26	179	.9	17	5	2318	4.18	12	5	ND	5	28	1	2	2	33	.48	.101	21	14	.15	210	.02	3	.80	.03	.12	1
S 725034	8	74	16	915	2.2	169	17	1093	4.42	6	5	ND	14	40	11	2	2	38	.43	.042	39	45	.81	173	.11	2	3.45	.03	.25	4
S 725035	2	17	9	121	.5	26	8	295	2.76	5	5	ND	7	22	1	2	2	27	.31	.020	19	30	.63	55	.06	2	1.55	.02	.10	1
S 725036	2	16	7	120	.7	29	10	383	2.99	2	5	ND	9	23	1	2	2	29	.39	.031	21	34	.75	62	.07	2	1.84	.03	.12	1
S 725037	18	37	22	273	.4	28	5	118	5.16	26	5	ND	7	14	1	2	2	47	.11	.074	13	28	.34	68	.08	2	1.91	.02	.08	2
S 725038	5	11	10	54	.3	8	2	103	2.04	2	5	ND	5	7	1	2	2	25	.06	.025	34	8	.13	39	.01	2	.61	.01	.03	1
S 725039	14	85	33	486	.4	95	17	398	6.28	17	5	ND	9	9	1	2	2	38	.07	.126	14	43	.62	99	.07	2	3.23	.02	.10	4
STD C	18	57	39	132	7.3	67	27	1053	4.12	44	15	8	37	50	18	18	20	56	.49	.081	38	59	.91	175	.08	32	1.96	.07	.13	13

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BT	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM
S 725040	5	21	8	119	.5	36	8	241	2.78	2	5	ND	9	12	1	2	2	26	.18	.039	19	28	.61	58	.05	2	1.53	.02	.12	1
S 725041	39	8	11	70	.2	26	2	38	2.54	15	5	ND	3	5	1	2	2	29	.03	.023	10	7	.02	25	.02	2	.38	.01	.03	1
S 725042	8	67	13	96	1.1	45	4	96	2.70	2	5	ND	4	34	4	2	2	28	.69	.035	65	25	.20	52	.04	2	1.36	.02	.07	1
S 725043	6	18	12	177	.8	36	9	155	3.36	2	5	ND	7	23	1	2	2	36	.27	.021	14	27	.43	66	.06	2	1.88	.02	.09	1
S 725044	3	14	13	121	.7	26	6	108	4.02	2	5	ND	6	8	1	2	2	42	.07	.060	12	29	.39	58	.05	2	2.18	.02	.09	1
S 725045	4	49	14	190	.4	60	12	191	4.10	2	5	ND	12	6	1	2	2	30	.05	.069	18	34	.74	59	.05	2	2.73	.02	.08	1
S 725046	2	5	8	83	.3	14	3	97	1.99	2	5	ND	6	5	1	2	2	21	.05	.039	13	15	.28	21	.03	2	1.00	.01	.04	1
S 725047	6	87	26	354	5.6	143	18	3044	3.61	2	10	ND	20	78	24	2	2	38	1.32	.106	231	59	.80	295	.08	2	4.99	.04	.44	1
S 725048	2	23	7	92	.4	32	10	301	3.08	2	5	ND	12	15	1	2	2	28	.22	.039	25	33	.82	70	.06	2	1.82	.02	.19	1
S 725049	2	32	9	97	.6	35	10	436	2.80	2	5	ND	9	31	1	2	2	28	.50	.032	29	36	.68	99	.07	2	1.99	.03	.20	1
S 725050	1	20	9	60	.3	30	9	308	2.61	2	5	ND	13	15	1	2	2	27	.22	.033	23	33	.78	71	.09	2	1.66	.02	.22	1
S 725051	4	18	13	197	.5	37	13	307	3.83	2	5	ND	5	10	2	2	2	34	.15	.046	15	30	.43	74	.05	2	1.79	.02	.07	1
S 725052	2	53	11	241	.9	113	18	404	4.00	2	5	ND	15	18	1	2	2	35	.21	.031	53	44	.79	118	.08	2	3.08	.02	.19	1
S 725053	1	29	8	164	.8	45	9	359	2.58	2	5	ND	11	11	1	2	2	25	.20	.026	28	33	.76	49	.06	2	1.75	.02	.06	1
S 725054	18	49	41	127	2.3	13	5	2107	10.78	49	5	ND	5	11	1	2	2	40	.15	.187	9	21	.10	81	.03	2	1.06	.02	.04	1
S 725055	13	95	31	1093	5.3	191	22	578	5.66	4	5	ND	15	32	7	2	2	43	.36	.103	66	46	.59	162	.06	2	4.13	.03	.19	1
S 725056	8	96	24	547	3.1	101	21	790	5.12	5	5	ND	7	28	5	2	2	43	.24	.081	36	41	.42	165	.09	2	2.50	.03	.21	1
S 725057	2	14	6	104	.3	29	8	246	2.64	2	5	ND	8	11	1	2	2	25	.14	.023	20	32	.78	46	.07	2	1.62	.02	.09	1
S 725058	3	15	14	135	1.0	31	7	215	3.76	2	5	ND	7	9	1	2	2	28	.14	.051	14	34	.66	65	.05	2	2.06	.02	.08	1
S 725059	13	41	23	233	2.1	43	6	393	3.95	8	5	ND	5	31	1	2	2	20	.16	.151	18	9	.04	118	.01	2	.62	.01	.05	1
S 725060	16	29	18	195	2.0	35	10	769	2.63	22	5	ND	3	22	2	2	2	24	.18	.072	9	11	.07	89	.02	2	.67	.02	.04	1
S 725061	9	100	37	150	1.2	21	6	237	3.91	6	5	ND	5	16	1	2	2	24	.03	.101	15	10	.05	118	.01	2	1.24	.01	.03	1
S 725062	6	6	8	42	.6	4	1	64	.88	3	5	ND	4	9	1	2	2	29	.09	.017	23	6	.04	30	.01	2	.52	.02	.04	1
S 725063	7	33	21	106	.4	16	3	184	3.30	5	5	ND	2	10	1	2	2	26	.05	.049	19	11	.07	31	.01	2	.48	.01	.02	1
S 725064	16	9	29	96	.4	11	2	128	2.14	6	5	ND	6	14	1	2	2	23	.05	.058	19	11	.11	51	.02	2	.72	.01	.03	1
S 725065	10	35	27	219	1.1	30	9	333	3.98	13	5	ND	7	13	1	2	2	30	.04	.109	18	24	.35	100	.04	2	1.72	.01	.06	1
S 725066	10	45	36	243	1.3	30	11	1251	4.27	10	5	ND	7	18	1	2	2	40	.09	.109	21	26	.31	160	.02	2	2.01	.03	.15	1
S 725067	26	63	26	209	2.4	38	7	206	4.52	23	5	ND	5	24	1	2	2	30	.02	.141	18	12	.10	80	.01	2	.98	.01	.04	1
S 725068	7	23	20	146	3.8	19	3	70	4.50	8	5	ND	4	6	1	2	2	40	.03	.083	13	31	.16	86	.02	2	1.66	.01	.04	1
S 725069	6	31	24	214	1.5	73	12	182	4.24	6	5	ND	8	81	1	2	2	33	.06	.069	21	47	.59	437	.06	2	2.47	.02	.11	1
S 725070	13	24	21	106	1.0	17	3	73	3.58	7	5	ND	5	24	1	2	2	23	.02	.063	15	12	.08	102	.01	2	.67	.01	.05	1
S 725071	9	37	22	244	3.6	38	7	154	5.28	4	5	ND	7	21	1	2	2	31	.03	.102	14	36	.39	190	.03	2	2.50	.01	.07	1
S 725072	5	20	17	115	.9	23	6	169	3.20	9	5	ND	4	9	1	2	2	28	.05	.055	13	19	.16	80	.02	2	1.31	.01	.05	1
S 725073	5	96	21	372	4.5	115	15	1166	3.56	5	5	ND	7	52	3	2	2	29	.50	.047	31	30	.44	160	.04	2	2.09	.03	.11	1
S 725074	27	59	31	557	7.3	70	8	167	5.26	28	5	ND	5	20	2	2	2	49	.07	.174	14	36	.35	170	.03	2	2.26	.02	.10	2
S 725075	7	28	17	220	1.3	41	6	165	2.60	4	5	ND	7	17	1	2	2	31	.14	.035	19	26	.35	120	.04	2	1.27	.01	.06	1
S 725076	5	13	19	144	3.9	19	3	142	2.10	4	5	ND	3	9	1	2	2	27	.07	.079	14	26	.20	92	.03	2	.95	.02	.05	2
S 725077	6	9	12	88	.9	20	2	199	1.43	2	5	ND	4	13	1	2	2	22	.13	.031	20	19	.15	87	.02	2	.58	.01	.04	1
S 725078	4	9	11	57	.4	14	2	93	1.50	2	5	ND	4	10	1	2	2	21	.10	.018	15	17	.12	48	.03	2	.52	.01	.06	1
STD C	18	57	40	132	7.4	67	28	1869	4.10	41	18	8	37	51	18	16	20	57	.49	.084	39	61	.91	177	.09	33	1.95	.07	.13	13

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CU	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
S 725079	2	2	13	48	.2	8	2	70	1.30	2	5	ND	5	13	1	2	2	17	.13	.031	23	13	.19	45	.02	2	.63	.01	.04	1
S 725080	2	2	12	57	.2	8	2	70	1.49	2	5	ND	4	15	1	2	2	17	.15	.024	17	14	.22	55	.03	2	.73	.01	.06	1
S 725081	7	33	21	137	.5	58	12	172	4.24	12	5	ND	10	17	1	2	2	24	.11	.060	19	42	.75	68	.05	2	2.46	.02	.09	1
S 725082	1	5	10	60	.4	21	4	195	1.70	2	5	ND	3	16	1	2	2	20	.21	.015	13	30	.42	38	.04	2	.83	.02	.07	1
S 725083	10	58	46	491	2.4	150	15	2825	5.03	6	11	ND	12	65	5	2	2	38	.52	.078	23	47	.78	203	.06	2	4.03	.03	.23	1
S 725084	8	20	15	119	.6	22	4	610	2.36	3	5	ND	1	20	1	2	2	23	.22	.033	15	11	.14	65	.01	2	.57	.01	.07	1
S 725085	6	24	24	230	.9	35	8	269	4.43	11	5	ND	6	23	1	2	2	37	.08	.128	17	34	.56	108	.03	2	2.56	.02	.10	1
S 725087	16	4	21	55	.5	4	1	49	.97	13	5	ND	5	16	1	2	2	17	.13	.016	26	6	.02	51	.01	2	.26	.01	.02	1
S 725088	40	76	25	411	1.7	59	8	792	5.87	20	5	ND	8	19	2	2	3	63	.06	.102	26	18	.16	194	.01	2	1.49	.01	.06	1
S 725089	8	25	21	140	.6	17	5	1038	4.32	14	5	ND	4	17	1	2	2	30	.08	.059	24	13	.08	90	.02	2	.73	.01	.04	1
S 725090	30	21	65	86	1.1	14	3	131	3.07	59	5	ND	8	42	1	3	2	27	.08	.080	31	14	.17	81	.01	2	.81	.01	.05	1
S 725091	18	72	27	358	1.5	54	9	405	4.98	23	6	ND	10	61	1	2	2	41	.15	.102	34	25	.16	334	.01	2	1.49	.01	.07	1
S 725092	2	13	11	140	.6	30	8	162	3.65	3	5	ND	8	11	1	2	2	27	.15	.065	19	32	.59	77	.05	2	2.11	.02	.10	1
S 725093	3	16	7	100	.5	24	7	220	2.90	2	5	ND	6	14	1	2	2	26	.24	.029	19	26	.63	59	.04	2	1.48	.02	.08	1
S 725094	7	6	8	50	.2	7	3	245	1.58	3	5	ND	4	8	1	2	2	24	.07	.016	18	11	.21	41	.03	2	.67	.02	.04	1
S 725095	3	30	12	150	.7	42	8	300	3.03	2	6	ND	9	15	1	2	2	27	.17	.025	26	33	.76	55	.06	2	1.96	.02	.10	1
S 726001	3	14	5	110	.6	24	7	201	2.63	2	5	ND	8	18	1	2	2	25	.22	.018	24	28	.57	53	.07	2	1.37	.02	.10	1
S 726002	1	15	8	63	.5	27	8	286	2.38	2	5	ND	12	19	1	2	2	23	.29	.046	26	28	.67	65	.09	2	1.45	.05	.21	1
S 726003	7	47	13	157	1.6	28	5	218	4.70	8	5	ND	4	14	1	2	3	22	.07	.162	9	11	.07	59	.03	2	.79	.01	.04	1
S 726004	59	13	67	150	1.1	17	2	34	4.93	30	5	ND	8	26	1	3	2	45	.06	.124	23	13	.05	124	.01	2	.90	.01	.05	1
S 726005	9	51	16	561	.9	136	15	424	5.60	12	5	ND	8	19	2	2	2	37	.09	.058	22	37	.39	145	.12	2	2.71	.02	.07	1
S 726006	17	58	23	675	.7	88	15	243	6.77	39	5	ND	6	22	2	4	4	16	.03	.103	14	9	.08	52	.01	2	.54	.01	.04	2
S 726007	25	150	23	681	5.1	317	75	693	7.63	26	5	ND	13	42	5	2	2	26	.32	.138	26	30	.26	143	.03	2	5.63	.02	.09	1
S 726008	46	37	70	205	1.4	26	7	328	3.81	47	5	ND	8	10	1	2	4	42	.03	.086	23	13	.06	70	.01	2	1.00	.01	.06	1
S 726009	18	35	28	149	.6	25	5	142	4.53	16	5	ND	7	10	1	2	2	37	.03	.089	21	15	.12	37	.03	2	.80	.01	.05	1
S 726010	61	18	13	151	.4	24	4	46	3.44	77	5	ND	8	10	1	2	3	48	.01	.061	22	14	.05	26	.01	2	.53	.01	.02	3
S 726011	11	37	22	180	1.0	35	7	188	4.32	21	5	ND	7	13	1	2	2	25	.04	.076	20	19	.19	94	.02	2	1.47	.01	.05	1
S 726012	16	38	21	146	3.5	26	5	135	3.40	5	5	ND	7	11	1	2	2	32	.02	.057	21	12	.10	92	.01	2	.93	.01	.04	1
S 726013	7	29	11	114	.4	31	8	317	3.17	13	5	ND	7	6	1	2	2	18	.02	.055	21	8	.06	46	.01	2	.56	.01	.01	1
S 726014	4	14	5	62	1.2	16	2	67	1.61	5	5	ND	8	6	1	2	3	19	.01	.023	27	11	.06	61	.01	2	.58	.01	.02	1
S 726015	11	58	34	335	1.7	68	8	144	5.09	43	6	ND	11	15	1	2	2	35	.06	.134	24	23	.15	196	.01	2	1.50	.01	.08	1
S 726016	3	16	6	69	.7	23	3	132	1.80	2	5	ND	4	15	1	2	2	27	.05	.020	16	12	.05	94	.02	2	.48	.01	.04	1
S 726017	5	48	16	164	2.0	69	6	269	3.12	2	5	ND	6	13	1	2	4	26	.02	.039	25	16	.07	78	.01	2	.83	.01	.04	1
S 726018	4	32	13	106	1.9	38	3	272	2.55	4	5	ND	6	20	1	2	2	23	.09	.051	22	21	.11	107	.01	2	.94	.01	.05	1
S 726019	4	36	14	222	2.5	48	5	235	2.67	2	5	ND	8	14	1	2	2	23	.07	.057	19	22	.23	141	.03	2	1.30	.01	.07	1
S 726020	26	37	18	359	2.1	64	5	131	2.79	13	5	ND	9	29	2	2	2	40	.08	.062	27	15	.12	161	.01	2	.78	.01	.07	1
S 726021	8	30	12	178	1.4	32	4	114	2.22	2	5	ND	8	23	1	2	2	35	.19	.043	22	18	.10	140	.02	2	.91	.02	.06	1
S 726022	12	31	12	243	1.0	41	4	130	2.16	11	5	ND	7	17	1	2	2	30	.11	.035	20	14	.09	78	.02	2	.61	.01	.05	1
STD C	19	57	39	132	7.3	67	27	1052	4.13	41	22	8	38	50	18	16	18	56	.49	.080	38	59	.91	174	.08	32	1.96	.07	.13	13

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	U	AU	TH	SR	CU	SB	BI	V	CA	P	LA	CR	M6	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	PPM	I	I	I	PPM
S 726021	9	60	22	333	3.0	88	10	216	3.72	16	5	ND	9	9	2	2	2	26	.04	.037	26	23	.38	252	.01	2	1.40	.01	.05	1
S 726024	9	31	19	133	.1	29	5	179	3.33	13	5	ND	7	12	1	2	2	34	.05	.040	24	19	.31	63	.03	2	.91	.01	.04	1
S 726025	27	62	32	269	2.6	95	17	2211	4.84	11	5	ND	6	32	1	2	2	31	.16	.114	20	17	.17	221	.03	2	1.14	.01	.06	1
S 726026	7	12	24	194	.5	21	5	128	3.52	11	5	ND	7	17	1	2	2	38	.07	.089	24	23	.28	112	.03	2	1.47	.02	.07	1
S 726027	15	47	23	258	.7	52	10	294	3.32	28	6	ND	9	14	1	2	2	31	.04	.128	24	21	.16	105	.01	2	1.30	.01	.07	1
S 726028	6	10	14	132	.4	13	3	76	2.11	9	5	ND	8	13	1	2	3	26	.06	.050	28	14	.16	75	.02	2	.75	.01	.04	1
S 726029	11	20	13	106	.1	19	3	63	1.90	33	5	ND	8	6	1	2	2	20	.02	.025	32	7	.04	37	.01	2	.40	.01	.01	1
S 726030	15	45	15	159	.7	62	10	132	3.21	6	5	ND	10	17	1	2	2	32	.07	.023	27	32	.56	147	.05	2	2.63	.02	.09	1
S 726031	39	24	33	164	2.2	18	4	106	3.53	27	5	ND	7	23	1	2	2	34	.04	.082	17	19	.23	79	.02	2	1.33	.01	.04	1
S 726033	4	23	14	118	.3	22	5	143	2.41	2	5	ND	5	8	1	2	2	23	.03	.039	17	15	.19	53	.02	2	1.02	.01	.02	1
S 726034	54	125	32	316	2.0	55	12	634	9.91	126	5	ND	6	32	2	2	2	33	.24	.467	9	21	.16	143	.01	2	1.69	.01	.06	1
S 726035	5	5	11	39	.1	5	1	54	.92	5	5	ND	4	10	1	2	2	19	.08	.020	16	8	.08	40	.03	2	.42	.01	.03	1
S 726037	13	33	33	137	1.0	13	3	77	4.80	26	5	ND	7	60	1	2	2	37	.04	.179	19	19	.10	116	.03	2	1.17	.03	.04	1
S 726036	6	100	16	1043	6.7	293	31	490	6.13	6	7	ND	12	97	4	2	2	34	.24	.247	30	59	.41	256	.03	2	4.12	.03	.14	2
S 726039	3	23	10	114	.5	41	11	329	3.50	3	8	ND	14	22	1	2	2	31	.26	.034	35	40	.93	72	.08	2	2.07	.03	.16	1
S 726040	3	21	11	151	1.7	32	11	589	3.12	4	5	ND	10	28	2	2	2	29	.33	.050	29	33	.77	82	.07	2	1.91	.03	.12	1
S 726041	3	24	12	109	1.3	25	9	380	2.90	2	5	ND	5	56	1	2	2	17	1.40	.044	25	20	.53	41	.02	2	1.36	.03	.02	1
S 726042	11	18	13	234	.3	33	6	274	3.45	2	5	ND	5	14	1	2	2	25	.20	.072	17	19	.38	54	.02	2	1.16	.02	.05	1
S 726043	2	24	11	131	.8	40	10	202	4.80	3	5	ND	9	8	1	2	2	30	.08	.063	15	42	.82	61	.05	2	3.06	.02	.06	1
S 726044	3	25	11	102	1.0	47	15	1674	2.96	2	5	ND	5	54	1	2	2	25	.80	.075	37	42	.75	96	.04	2	2.05	.03	.13	1
S 726045	1	9	10	105	.2	32	9	214	3.51	2	5	ND	6	10	1	2	2	29	.11	.016	18	50	1.04	50	.07	13	2.14	.02	.07	1
S 726046	1	17	11	90	.6	42	10	361	3.21	2	5	ND	10	18	1	2	2	25	.24	.031	29	43	.94	56	.07	18	2.15	.03	.10	1
S 726047	1	17	8	93	.2	44	10	196	3.65	2	5	ND	9	13	1	2	2	26	.13	.043	26	39	.89	45	.06	15	2.26	.02	.08	1
S 726048	1	13	7	107	.1	50	12	208	3.74	2	5	ND	8	12	1	2	2	25	.12	.039	18	42	.97	54	.07	19	2.36	.02	.07	1
S 726049	1	36	10	102	1.2	67	12	532	3.67	2	11	ND	12	30	1	2	2	30	.30	.044	121	55	.98	93	.09	17	2.56	.03	.21	1
S 726050	1	20	6	56	.4	48	9	219	2.80	2	5	ND	13	16	1	2	2	28	.16	.019	20	56	.86	58	.13	21	1.98	.03	.23	1
S 726051	1	17	6	91	.3	42	10	211	3.69	2	5	ND	9	14	1	2	2	26	.14	.030	18	47	1.04	41	.08	14	2.23	.02	.10	1
S 726052	1	13	5	55	.3	67	11	233	2.83	2	5	ND	11	18	1	2	2	31	.20	.034	17	60	.97	85	.14	19	2.11	.03	.20	1
S 726053	1	30	9	81	.3	91	14	415	3.70	2	5	ND	14	24	1	2	2	35	.28	.046	31	89	1.42	100	.14	18	2.25	.03	.32	1
S 726054	1	21	5	76	.2	28	8	195	3.15	2	5	ND	10	10	1	2	2	25	.13	.036	19	29	.80	32	.05	18	1.65	.02	.09	1
S 726055	25	203	93	564	1.6	98	17	608	9.61	175	7	ND	10	64	2	2	2	62	.14	.314	27	38	.24	148	.02	15	1.98	.02	.09	1
S 726056	113	116	142	380	2.7	31	6	637	7.68	99	5	ND	11	54	2	9	2	34	.06	.129	41	12	.05	101	.01	15	.70	.01	.07	2
S 726057	28	36	185	474	.8	36	7	804	8.40	75	5	ND	7	36	3	2	2	38	.09	.082	23	24	.13	150	.05	14	1.28	.02	.05	2
S 726058	68	74	253	558	.8	78	17	390	7.71	150	13	ND	10	29	3	2	3	14	.09	.099	22	9	.06	36	.01	21	.76	.01	.05	3
S 726059	18	48	82	668	1.7	106	13	341	7.23	23	5	ND	8	74	3	2	2	39	.44	.123	19	43	.42	160	.08	18	2.54	.03	.15	1
S 726060	3	23	11	202	.4	72	11	245	2.99	5	5	ND	7	20	1	2	2	28	.14	.044	18	52	.77	79	.08	21	1.84	.02	.09	1
S 726061	9	29	36	290	.8	41	7	242	3.92	12	5	ND	7	29	1	2	2	29	.11	.072	23	26	.26	138	.04	17	1.25	.02	.08	2
S 726062	4	14	14	133	.7	28	4	427	1.74	2	5	ND	6	23	1	2	3	27	.21	.022	25	24	.19	102	.04	15	.93	.02	.09	1
STD C	18	56	37	132	7.2	67	27	1046	4.04	42	20	7	36	49	18	15	18	55	.48	.081	37	59	.98	175	.08	31	1.92	.07	.16	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	W PPM
S 726063	17	119	24	323	3.8	90	8	246	4.28	10	5	ND	12	17	1	2	3	23	.17	.071	41	21	.14	109	.01	10	.68	.01	.10	1
S 726064	5	27	22	152	.8	22	6	794	2.39	4	5	ND	6	18	1	2	2	23	.19	.040	22	16	.17	97	.03	9	.74	.01	.08	1
S 726065	28	28	76	507	.3	61	6	350	5.45	28	5	ND	6	45	2	2	2	37	.11	.083	17	26	.25	97	.04	9	1.08	.02	.08	1
S 726066	47	82	367	708	1.5	110	17	803	8.01	96	8	ND	7	79	3	2	5	29	.34	.115	16	18	.17	77	.03	16	1.16	.02	.08	1
S 726067	24	29	64	604	.9	45	6	302	8.28	52	5	ND	5	41	3	2	5	40	.09	.123	13	28	.21	112	.04	10	1.64	.02	.08	2
S 726069	16	44	109	634	2.9	57	9	380	6.47	31	5	ND	9	76	1	2	3	65	.13	.127	40	33	.45	201	.03	11	2.24	.02	.11	1
S 726070	6	16	25	163	1.0	32	6	180	3.67	30	5	ND	8	36	1	2	4	36	.10	.066	25	35	.51	234	.04	12	1.92	.02	.12	1
S 726071	35	169	40	332	.9	85	10	253	9.95	56	7	ND	12	65	1	2	4	47	.15	.191	22	30	.22	95	.01	9	1.39	.02	.08	1
S 726072	2	13	12	105	.3	46	10	176	3.37	3	5	ND	7	20	1	2	2	25	.19	.033	15	42	.88	57	.05	11	2.08	.02	.07	1
S 726073	1	13	10	100	.2	43	11	227	3.45	2	5	ND	8	11	1	2	2	23	.10	.033	15	37	.90	51	.04	13	2.86	.02	.08	1
S 726074	1	12	8	79	.2	28	8	206	2.91	2	5	ND	7	16	1	2	2	22	.15	.028	33	31	.78	39	.05	10	1.75	.02	.08	1
S 726075	2	36	17	131	1.3	38	10	180	4.38	2	5	ND	8	11	1	2	2	25	.09	.130	19	31	.66	56	.02	9	2.05	.02	.07	1
S 726076	1	5	5	60	.4	14	4	121	2.12	2	5	ND	4	14	1	2	2	21	.21	.029	12	19	.43	33	.04	8	1.05	.02	.06	1
S 726077	2	14	11	139	.7	22	7	134	5.17	5	5	ND	10	6	1	2	4	27	.04	.078	20	34	.63	37	.03	11	2.27	.02	.05	1
S 726078	2	20	15	114	1.4	21	5	325	1.12	2	5	ND	4	70	1	2	2	10	1.04	.050	34	15	.31	73	.02	15	.97	.03	.09	1
S 726079	3	66	11	53	2.5	45	10	585	1.99	2	7	ND	9	126	2	2	2	9	2.06	.071	145	15	.32	70	.02	19	1.01	.03	.05	1
S 726080	1	9	10	51	.2	27	5	118	1.91	2	5	ND	6	11	1	2	2	16	.17	.021	17	28	.53	33	.06	15	1.20	.02	.06	1
S 726081	2	14	14	103	.6	23	7	143	4.14	2	5	ND	8	7	1	2	4	39	.07	.037	15	33	.39	64	.04	5	2.50	.02	.08	1
S 726082	2	25	17	174	.5	44	12	179	5.00	2	5	ND	9	8	1	2	4	40	.08	.053	19	49	.75	101	.07	10	3.49	.02	.12	1
S 726100	7	10	14	118	.8	22	8	98	3.29	2	5	ND	7	14	1	2	2	32	.25	.027	16	27	.34	45	.04	8	2.21	.02	.06	1
S 726101	3	19	15	178	.8	49	9	203	4.13	2	5	ND	8	12	1	2	2	34	.11	.064	17	37	.63	108	.06	10	3.16	.02	.10	1
S 726102	1	17	13	199	.4	31	9	158	4.42	2	5	ND	8	9	1	2	2	31	.08	.110	19	36	.64	75	.05	11	2.64	.02	.06	1
S 726103	2	34	17	217	1.1	81	14	683	4.16	2	5	ND	16	36	1	2	2	34	.46	.044	38	58	1.04	99	.12	18	2.64	.04	.25	1
S 726104	2	10	15	100	.5	27	6	158	3.17	2	5	ND	6	20	1	2	2	30	.23	.049	15	30	.48	64	.05	9	1.65	.03	.10	1
S 726105	2	13	11	116	.2	35	8	242	3.42	2	5	ND	8	17	1	2	2	26	.16	.043	18	39	.79	60	.05	14	1.99	.03	.12	1
S 726106	1	13	16	133	.7	48	11	175	4.53	2	5	ND	10	13	1	2	2	31	.12	.081	19	49	.91	76	.05	15	3.07	.02	.12	1
S 726107	1	14	13	169	.6	40	12	178	3.62	2	5	ND	11	13	1	2	2	25	.13	.106	23	38	.79	73	.04	12	2.56	.03	.11	1
S 726108	11	22	41	101	.5	23	4	88	2.97	32	5	ND	9	30	1	2	2	44	.06	.110	28	37	.42	180	.01	6	1.52	.02	.07	1
S 726109	3	32	14	149	.8	56	12	209	4.04	2	5	ND	9	15	1	2	2	28	.13	.046	19	41	1.02	70	.04	12	2.58	.02	.07	1
S 726110	3	8	13	209	.7	30	7	137	3.15	2	5	ND	6	15	1	2	2	28	.16	.034	13	28	.55	72	.05	13	1.82	.02	.06	1
S 726111	27	62	80	307	2.5	39	7	326	6.39	73	5	ND	8	59	1	3	2	38	.05	.192	17	24	.24	106	.03	8	1.91	.02	.09	1
S 726112	36	27	153	320	.8	25	6	205	4.82	50	5	ND	8	43	1	2	2	26	.07	.116	24	23	.32	139	.03	10	1.70	.02	.07	1
S 726113	18	49	42	297	1.4	46	8	718	5.54	16	5	ND	7	37	1	2	2	37	.13	.101	22	36	.56	172	.05	14	2.36	.02	.10	1
S 726114	23	72	56	322	.4	58	13	483	6.20	20	5	ND	9	26	1	2	2	29	.05	.065	22	34	.41	97	.05	11	1.94	.02	.09	1
S 726115	20	28	48	316	1.2	66	5	339	5.82	56	5	ND	6	39	1	2	2	43	.21	.061	17	31	.28	101	.05	9	1.59	.02	.07	1
S 726116	6	37	23	170	.7	72	9	269	3.60	9	5	ND	11	31	1	2	2	27	.22	.028	33	54	.74	78	.09	16	1.73	.03	.15	1
S 726118	11	32	43	415	1.5	94	12	235	4.72	12	5	ND	7	28	1	2	2	34	.12	.081	17	44	.52	138	.09	15	3.03	.02	.12	1
S 726119	19	115	31	488	3.5	106	9	233	4.21	7	5	ND	11	46	2	2	2	26	.05	.085	26	25	.29	168	.02	11	1.32	.01	.09	1
S 726120	5	26	26	161	1.4	44	5	211	2.87	5	5	ND	6	21	1	2	2	24	.16	.031	23	21	.14	100	.02	8	.79	.01	.06	1
STD C	18	57	38	132	7.3	66	27	1049	4.86	39	18	7	37	50	18	17	21	55	.48	.091	38	59	.91	175	.08	32	1.95	.07	.14	12

SAMPLE#	MO	CU	PB	ZN	AS	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	Ø	AL	NA	K	Y
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	1	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	1	1	PPM	PPM	1	PPM	1	PPM	1	1	1	PPM
S 727001	1	13	10	115	.2	26	8	169	3.23	2	5	ND	5	10	1	2	2	27	.15	.024	14	30	.70	50	.03	7	1.82	.02	.05	1
S 727002	2	39	26	83	1.3	29	11	194	3.02	5	5	ND	11	11	1	2	2	26	.13	.104	35	32	.45	67	.05	8	3.46	.02	.10	1
S 727003	3	19	21	93	.3	25	7	147	5.47	8	5	ND	10	7	1	2	2	44	.09	.091	11	51	.51	69	.08	10	4.06	.02	.09	1
S 727004	1	19	10	61	.3	17	5	329	2.35	3	5	ND	4	8	1	2	2	24	.16	.044	15	17	.38	26	.03	5	1.09	.02	.05	1
S 727005	4	16	16	125	.4	22	5	98	3.97	3	5	ND	8	5	1	2	2	44	.04	.064	16	29	.28	43	.03	5	2.60	.01	.05	1
S 727006	11	21	14	122	.6	22	6	182	4.16	4	5	ND	5	10	1	2	2	45	.14	.035	27	21	.26	42	.05	8	1.60	.02	.05	1
S 727007	6	23	19	379	.9	79	13	179	4.46	3	5	ND	9	14	1	2	2	42	.25	.064	29	32	.36	66	.05	9	3.29	.02	.06	1
S 727008	5	16	12	79	.4	20	5	158	3.38	3	5	ND	8	16	1	2	2	40	.28	.066	27	23	.39	52	.01	5	1.45	.02	.07	1
S 727009	7	73	100	794	5.1	115	11	1079	5.80	3	5	ND	16	32	25	2	2	25	.60	.067	84	14	.21	88	.01	14	1.49	.02	.05	1
S 727010	1	10	7	95	.4	24	6	151	2.68	2	5	ND	6	15	1	2	2	33	.21	.013	21	34	.65	41	.08	13	1.63	.02	.09	1
S 727011	6	131	25	254	5.4	137	14	819	4.46	4	9	ND	25	56	3	2	2	39	.74	.063	263	54	.63	197	.08	10	4.89	.04	.29	1
S 727012	1	8	5	67	.3	18	5	110	2.33	2	5	ND	5	7	1	2	2	27	.09	.025	11	27	.42	57	.06	10	1.57	.02	.09	1
S 727013	3	27	14	110	.6	33	7	191	3.77	2	5	ND	11	5	1	2	2	35	.05	.115	14	45	.47	62	.05	10	4.34	.01	.07	1
S 727014	2	42	15	226	1.6	98	18	383	3.30	2	5	ND	16	25	2	2	2	37	.34	.027	83	41	.62	101	.07	14	3.00	.02	.11	1
S 727015	1	8	9	87	.2	13	5	121	2.95	2	5	ND	5	10	1	2	2	34	.23	.043	9	30	.37	34	.06	12	1.54	.02	.04	1
S 727016	1	11	8	100	.7	17	9	262	1.98	2	5	ND	7	16	1	2	2	26	.25	.016	24	23	.33	62	.06	9	1.48	.02	.07	1
S 727017	3	13	7	78	.3	15	5	143	2.67	2	5	ND	6	6	1	2	2	33	.06	.026	14	23	.30	39	.06	6	1.72	.02	.03	1
S 727018	1	22	16	188	.9	76	15	223	4.54	4	5	ND	11	27	1	2	2	42	.52	.087	43	40	.61	75	.08	13	3.57	.03	.09	1
S 727019	1	13	9	69	.6	21	6	223	2.06	3	5	ND	7	15	1	2	2	22	.19	.030	22	20	.35	87	.02	8	1.14	.01	.06	1
S 727020	1	4	6	34	.1	8	3	83	1.63	2	5	ND	5	4	1	2	2	22	.04	.016	15	13	.19	28	.05	9	.79	.01	.03	1
S 727021	8	62	14	240	.7	78	20	617	4.38	2	5	ND	15	17	2	2	2	28	.26	.044	57	35	.79	62	.05	12	2.07	.02	.14	1
S 727022	2	25	10	87	.4	36	11	299	3.18	2	5	ND	12	12	1	2	2	29	.19	.031	25	38	.66	61	.07	13	1.99	.02	.16	1
S 727023	4	21	36	88	.4	28	7	135	3.12	3	5	ND	8	8	1	2	2	29	.09	.020	18	27	.48	52	.05	9	1.75	.02	.05	1
S 727024	2	9	7	92	.4	13	4	173	2.38	2	5	ND	6	20	1	2	2	26	.31	.030	22	10	.19	67	.04	7	.67	.02	.05	1
S 727025	1	57	11	100	1.2	64	12	280	3.04	3	5	ND	9	23	1	2	2	29	.41	.028	52	39	.76	82	.08	13	2.60	.03	.12	1
S 727026	1	20	9	102	.4	35	10	200	3.54	3	5	ND	10	9	1	2	2	35	.14	.036	17	45	.85	86	.08	14	2.72	.02	.17	1
S 727027	1	14	10	114	.4	29	10	300	3.14	2	5	ND	9	17	1	2	2	32	.24	.020	26	40	.88	57	.07	13	1.98	.02	.12	1
S 727028	2	58	63	174	2.3	73	14	839	4.15	5	5	ND	24	52	1	2	2	40	.79	.043	70	51	.79	183	.08	13	3.30	.03	.35	1
S 727029	4	23	14	104	.4	20	5	112	3.85	5	5	ND	8	8	1	2	2	34	.06	.042	14	24	.35	37	.03	8	1.68	.02	.05	1
S 727030	1	41	23	115	1.3	27	5	59	1.27	2	5	ND	8	38	8	2	2	14	.50	.083	90	20	.22	89	.01	7	1.76	.02	.08	1
S 727031	9	70	24	166	1.0	59	11	304	4.59	2	5	ND	7	10	1	2	2	31	.07	.044	15	21	.23	60	.01	7	1.70	.01	.05	1
S 727032	6	19	22	170	.5	30	6	121	5.67	5	5	ND	7	8	1	2	2	57	.05	.101	12	31	.34	46	.06	8	2.62	.02	.05	1
S 727033	3	20	12	143	.3	33	8	257	2.83	2	5	ND	7	13	1	2	2	28	.20	.039	18	28	.55	58	.05	12	1.69	.02	.10	1
S 727034	3	9	12	110	.4	22	6	196	3.31	3	5	ND	6	10	1	2	2	36	.14	.072	10	32	.51	60	.06	10	1.89	.02	.11	1
S 727035	2	17	9	98	.4	30	9	304	2.99	2	5	ND	9	13	1	2	2	30	.19	.039	19	37	.78	72	.07	14	2.14	.02	.14	1
S 727036	2	28	12	89	.6	41	11	214	3.26	3	5	ND	11	14	1	2	2	33	.21	.027	28	39	.76	80	.08	14	2.60	.02	.12	1
S 727037	66	116	47	1907	8.2	317	21	895	7.92	8	5	ND	17	32	42	2	2	30	.86	.077	56	19	.20	79	.02	11	1.53	.03	.08	3
S 727038	1	9	6	52	.3	18	5	142	2.14	2	5	ND	6	7	1	2	2	31	.10	.011	13	29	.55	28	.08	13	1.20	.02	.09	1
S 727039	2	21	10	136	.2	31	10	244	3.53	4	5	ND	8	10	1	2	2	33	.15	.073	15	35	.62	57	.08	14	2.93	.02	.10	1
STD C	18	57	36	132	7.3	67	28	1058	4.10	43	15	7	38	50	18	18	19	56	.49	.082	39	60	.92	176	.08	32	1.96	.07	.14	12



SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	NA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	Z	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	I	I	I	PPM	
S 727040	13	41	11	379	.6	79	12	262	5.86	2	5	ND	9	22	2	2	2	44	.43	.056	22	30	.41	84	.02	9	2.23	.02	.06	1
S 727041	17	46	28	245	1.0	40	18	1162	5.37	7	5	ND	4	16	2	2	2	37	.16	.062	23	25	.36	104	.02	8	1.38	.02	.04	1
S 727042	3	34	14	208	1.4	45	15	456	3.12	4	5	ND	9	19	2	2	2	29	.23	.033	39	33	.67	84	.05	12	1.96	.03	.11	1
S 727043	5	27	13	154	.3	35	9	213	3.46	2	5	ND	7	14	1	2	2	31	.14	.037	21	33	.70	84	.05	13	2.15	.03	.12	1
S 727044	2	21	7	99	.2	34	10	275	3.21	6	5	ND	12	11	1	2	2	25	.18	.053	24	33	.87	49	.06	14	1.72	.02	.12	2
S 727045	10	54	28	277	1.9	39	10	789	4.43	21	5	ND	6	30	2	2	2	32	.16	.127	24	20	.20	111	.01	5	1.30	.02	.04	1
S 727046	39	130	25	240	.7	36	5	421	4.52	31	5	ND	13	55	1	2	2	43	.05	.112	47	10	.05	200	.01	5	.75	.01	.07	1
S 727047	31	76	50	347	3.4	40	7	204	4.40	39	5	ND	11	59	1	2	2	46	.05	.146	32	16	.07	364	.01	5	1.39	.01	.03	1
S 727048	31	148	50	483	2.8	79	15	5758	8.14	92	5	ND	11	23	4	3	2	31	.01	.089	42	15	.07	102	.01	9	1.17	.01	.03	1
S 727049	11	44	20	152	1.2	15	3	558	4.47	18	5	ND	7	21	1	2	2	31	.08	.079	26	11	.06	70	.02	6	.73	.02	.03	1
S 727050	7	22	20	128	.6	11	4	225	3.75	9	5	ND	8	17	1	2	2	31	.07	.060	28	16	.11	47	.03	8	.84	.02	.03	1
S 727051	24	42	28	368	2.7	61	11	167	4.88	16	5	ND	9	26	1	2	2	46	.13	.048	25	29	.44	141	.02	10	2.22	.02	.06	1
S 727052	9	24	25	155	.3	22	4	134	3.71	11	5	ND	5	13	1	2	2	36	.05	.042	18	17	.10	69	.01	5	1.03	.01	.03	1
S 727053	4	12	10	184	.4	28	6	145	3.17	6	5	ND	6	16	1	2	2	27	.14	.056	18	29	.48	57	.03	7	1.28	.02	.06	1
S 727054	7	52	25	262	1.6	101	15	211	4.49	11	5	ND	11	17	2	2	2	28	.08	.061	22	41	.78	113	.04	14	2.93	.02	.10	3
S 727055	3	23	17	178	.9	74	17	182	4.87	6	5	ND	11	13	1	2	2	34	.10	.102	20	66	.87	117	.06	18	3.32	.02	.14	1
S 727056	8	36	18	142	.7	52	11	225	3.81	12	5	ND	12	22	1	2	2	27	.15	.043	29	45	.68	98	.05	19	1.91	.02	.10	1
S 727057	6	28	18	181	1.3	49	8	189	3.55	9	5	ND	8	26	1	2	2	30	.19	.044	24	36	.53	102	.04	11	2.00	.02	.08	1
S 727058	5	39	21	196	2.3	61	9	565	3.28	7	5	ND	9	29	1	2	2	25	.25	.027	27	33	.56	87	.05	14	1.67	.02	.09	1
S 727059	7	54	29	327	1.8	88	15	252	5.01	17	5	ND	9	50	1	2	2	31	.27	.144	25	39	.52	147	.04	15	3.31	.02	.10	1
S 727060	4	14	20	140	.6	28	6	140	4.24	7	5	ND	4	18	1	2	2	39	.13	.103	15	42	.49	77	.03	8	2.00	.02	.08	1
S 727061	81	96	38	977	3.4	152	13	411	5.29	33	5	ND	9	56	4	2	2	166	.17	.129	28	53	.22	356	.01	10	2.45	.02	.11	1
S 727062	4	12	10	89	.5	16	2	103	1.66	3	5	ND	5	12	1	2	2	26	.09	.021	25	15	.09	82	.01	6	.65	.02	.05	1
S 727063	4	17	20	87	.7	33	4	101	2.30	10	5	ND	6	26	1	2	2	22	.16	.034	19	29	.31	90	.03	11	1.26	.02	.10	1
S 727064	3	12	22	166	.6	49	9	151	3.44	9	5	ND	8	29	1	2	2	28	.26	.127	21	54	.67	102	.04	13	2.02	.02	.09	2
S 727065	6	43	15	109	1.2	90	10	797	3.32	7	8	ND	9	103	2	2	2	27	1.32	.040	42	72	1.02	120	.07	16	2.17	.03	.20	1
S 727066	3	14	5	86	.3	63	8	196	2.59	6	5	ND	9	15	1	2	2	21	.17	.037	25	58	.85	48	.05	14	1.36	.02	.07	1
S 727067	10	21	168	199	.6	22	4	191	4.02	27	5	ND	5	15	1	2	2	30	.06	.085	16	23	.31	50	.02	11	1.12	.02	.04	1
S 727068	2	19	8	202	.7	34	9	182	3.02	3	5	ND	8	7	1	2	2	27	.04	.072	11	26	.42	78	.03	16	2.15	.02	.05	1
S 727069	2	15	11	84	1.2	17	4	950	2.14	3	5	ND	3	14	1	2	2	21	.18	.032	22	11	.15	82	.02	9	.61	.01	.03	1
S 727070	8	43	15	213	1.1	42	11	4616	3.07	6	5	ND	3	51	9	2	2	28	.50	.057	17	17	.28	149	.02	7	1.15	.02	.06	1
S 727071	10	52	29	226	1.4	23	6	991	5.00	33	5	ND	6	24	1	2	2	41	.06	.078	21	22	.20	88	.02	8	1.34	.02	.04	1
S 727072	18	158	48	554	10.4	223	13	4957	5.97	12	6	ND	8	31	5	2	2	40	.31	.105	27	36	.48	163	.06	11	4.25	.03	.09	1
S 727073	16	31	29	172	2.3	26	6	837	4.95	20	5	ND	7	30	1	2	2	37	.17	.213	17	33	.45	142	.03	10	2.35	.02	.09	1
S 727074	17	105	133	415	1.7	51	8	460	7.21	24	5	ND	10	35	1	2	2	47	.10	.154	23	30	.23	111	.03	7	1.95	.02	.07	2
S 727075	9	7	42	91	2.7	9	2	638	2.35	16	5	ND	8	15	1	2	2	38	.09	.029	36	9	.05	71	.01	6	.39	.02	.05	1
S 727076	1	30	10	235	1.4	63	19	440	3.21	4	5	ND	7	28	1	2	2	32	.31	.044	16	41	.66	115	.05	10	2.66	.03	.14	1
S 727077	5	222	12	299	1.5	122	52	5593	4.52	5	11	ND	20	45	5	2	2	32	.38	.058	41	48	.96	179	.07	15	3.78	.03	.22	1
S 727078	8	84	10	114	2.5	69	7	510	1.64	2	5	ND	5	138	5	2	2	15	2.09	.062	76	17	.38	105	.02	21	1.41	.03	.08	1
STD C	18	57	37	132	7.4	67	27	1053	4.06	38	21	8	38	51	18	18	19	56	.48	.081	38	59	.91	177	.08	31	1.94	.07	.13	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	M PPM
S 727079	4	20	9	264	.3	34	11	211	3.85	3	5	ND	9	9	1	2	2	32	.04	.058	19	37	.66	90	.05	11	2.51	.02	.08	1
S 727080	3	20	6	120	.5	34	8	172	3.21	4	5	ND	8	8	1	2	2	29	.08	.019	16	37	.79	66	.07	12	2.37	.02	.11	1
S 727081	17	47	16	260	1.0	44	12	747	4.78	11	5	ND	4	10	1	2	4	43	.09	.103	32	12	.17	62	.01	6	.82	.02	.09	1
AP L11N 5+7SE	3	5	4	20	.2	7	2	714	.62	4	5	ND	1	7	1	2	2	2	.08	.007	2	225	.04	15	.01	21	.05	.01	.02	1
AP 726032	65	60	25	438	.2	47	10	80	3.70	20	5	ND	13	9	1	2	3	45	.01	.052	36	43	.04	156	.01	18	.43	.01	.21	1
AP 726068	6	1	12	7	.1	5	1	44	.45	6	5	ND	1	6	1	2	2	2	.01	.008	2	332	.01	6	.01	28	.05	.02	.01	1
S L11N 5+7SE	12	138	66	352	1.7	56	14	866	9.32	59	5	ND	6	41	2	2	3	42	.06	.157	17	25	.16	167	.03	9	1.95	.01	.06	1
AP 726036	2	30	9	50	.1	8	3	148	3.84	9	5	ND	7	14	1	2	2	10	.13	.085	19	82	.13	140	.01	16	.59	.05	.14	1
STD C	19	57	38	132	7.7	67	28	1119	4.05	42	24	8	39	52	19	17	18	58	.48	.084	39	61	.90	179	.09	33	1.93	.07	.13	13

**APPENDIX II**

**STATISTICAL SUMMARY OF GEOCHEMICAL DATA**

**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: AG Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0.0 - 0.5	59	37.82	37.82	0.33
0.6 - 1.0	46	29.49	67.31	0.74
1.1 - 1.5	19	12.18	79.49	1.28
1.6 - 2.0	15	9.62	89.11	1.81
2.1 - 2.5	3	1.92	91.03	2.23
2.6 - 3.0	1	0.64	91.67	2.70
3.1 - 3.5	4	2.56	94.23	3.27
3.6 - 4.0	1	0.64	94.87	3.60
4.1 - 4.5	0	0.00	94.87	0.00
4.6 - 5.0	1	0.64	95.51	5.00
5.1 - 5.5	2	1.28	96.79	5.15
5.6 - 6.0	1	0.64	97.43	5.80
6.1 - 6.5	1	0.64	98.07	6.10
6.6 - 7.0	1	0.64	98.71	6.60
7.1 - 7.5	0	0.00	98.71	0.00
7.6 - 8.0	0	0.00	98.71	0.00
8.1 - 8.5	1	0.64	99.35	8.40
8.6 - 9.0	0	0.00	99.35	0.00
9.1 - 9.5	0	0.00	99.35	0.00
9.6 - 10.0	0	0.00	99.35	0.00
10.1 - 10.5	1	0.64	100.00	10.20

**For Statistics**

**For All Data**

Number of Samples:	156	156
Arithmetic Mean :	1.18	N.A.
Standard Deviation :	1.49	N.A.
Minimum Value :	.1	.1
Maximum Value :	10.2	10.2
Range :	.1 -- 9999 PPM	.1 -- 10.2 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP

**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

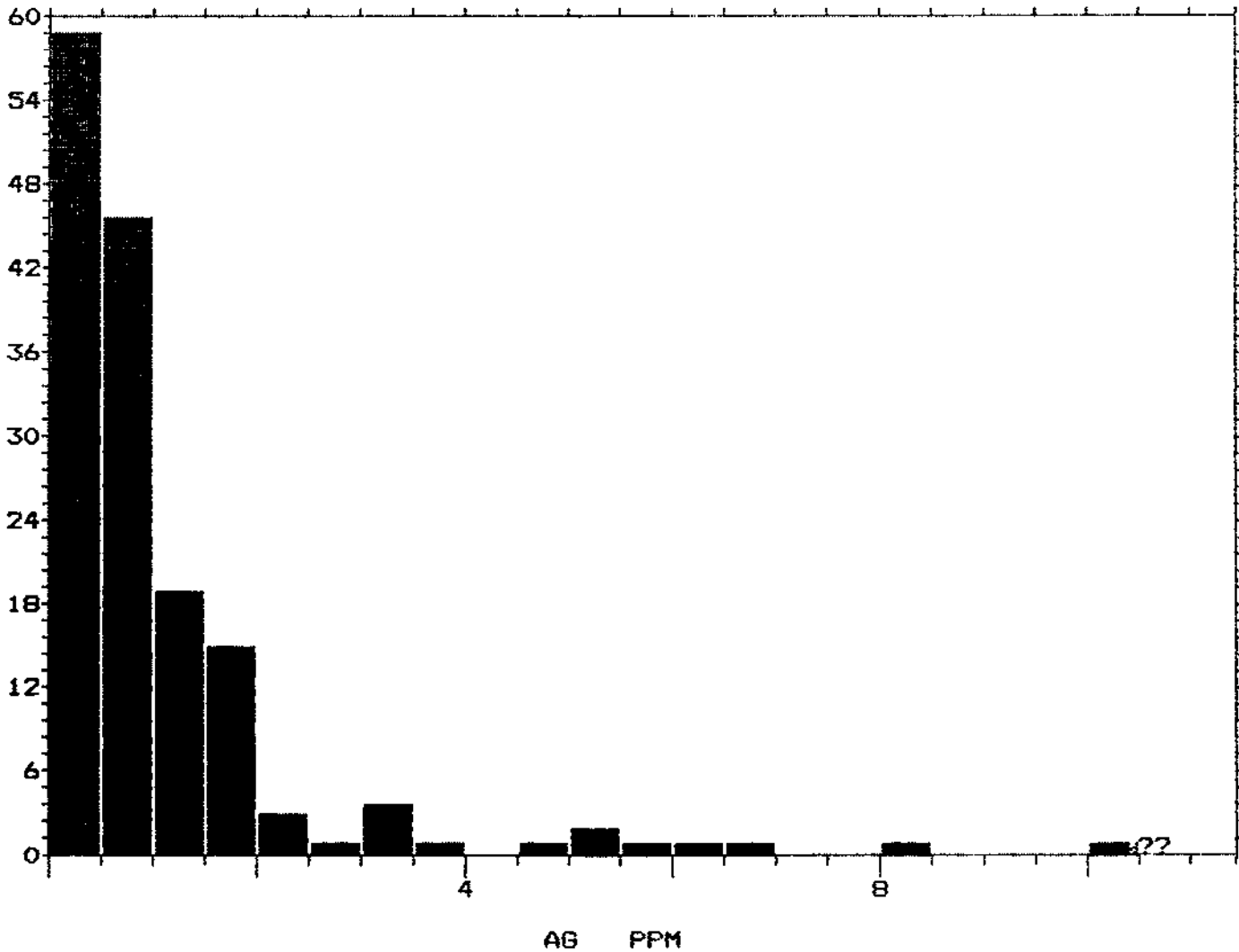
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: AG

Sample Type: Soil

Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

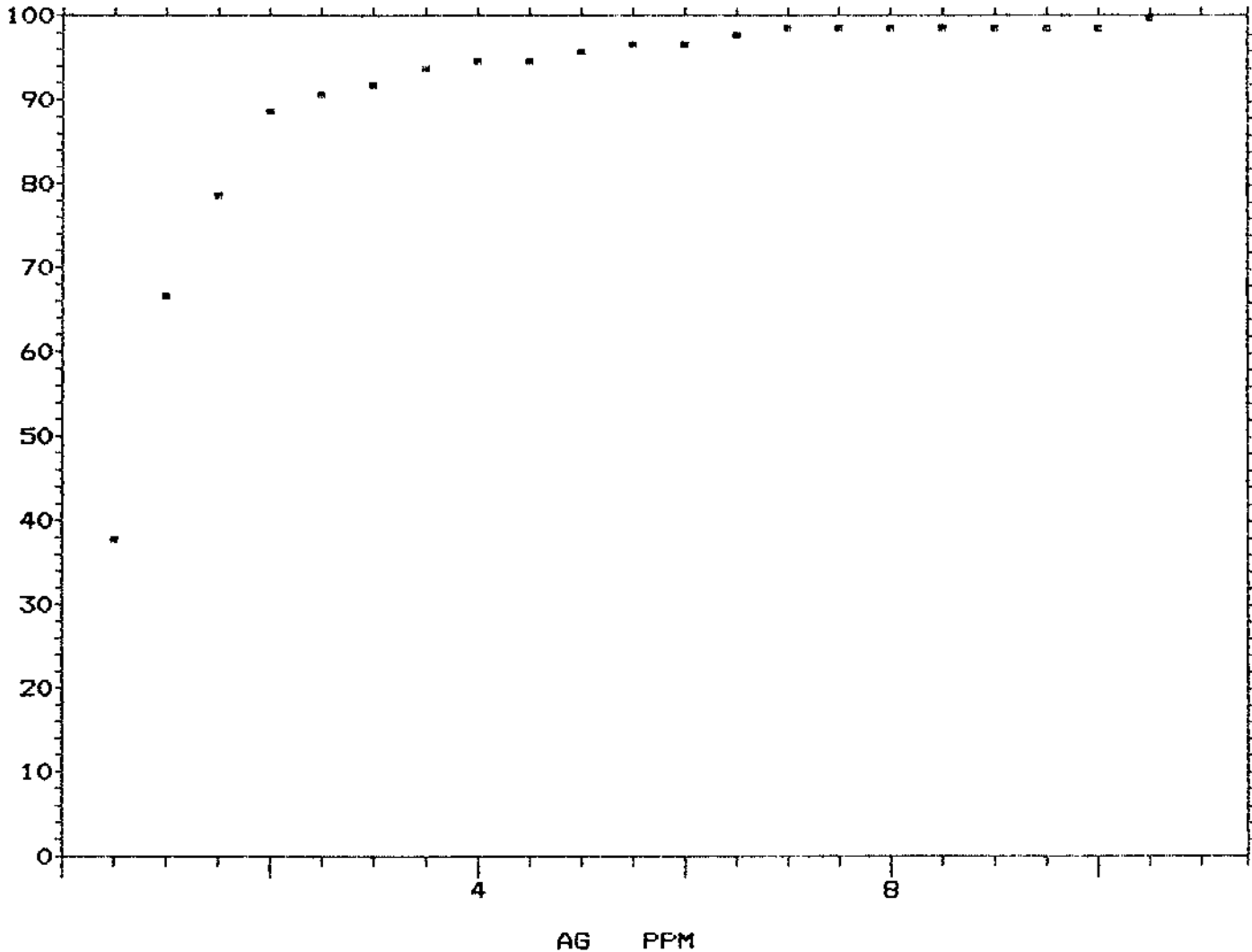
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: AG

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: PB

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 4	10	6.41	6.41	3.30
5 - 8	34	21.79	28.20	7.06
9 - 12	43	27.56	55.76	10.40
13 - 16	34	21.79	77.55	14.15
17 - 20	13	8.33	85.88	17.62
21 - 24	5	3.21	89.09	22.60
25 - 28	7	4.49	93.58	25.57
29 - 32	3	1.92	95.50	31.00
33 - 36	4	2.56	98.06	33.50
37 - 40	0	0.00	98.06	0.00
41 - 44	0	0.00	98.06	0.00
45 - 48	1	0.64	98.70	46.00
49 - 52	0	0.00	98.70	0.00
53 - 56	0	0.00	98.70	0.00
57 - 60	0	0.00	98.70	0.00
61 - 64	0	0.00	98.70	0.00
65 - 68	1	0.64	99.34	67.00
69 - 72	0	0.00	99.34	0.00
73 - 76	0	0.00	99.34	0.00
77 - 80	0	0.00	99.34	0.00
81 - 84	0	0.00	99.34	0.00
85 - 88	0	0.00	99.00	0.00

**For Statistics**

**For All Data**

Number of Samples:	156	156
Arithmetic Mean :	13.79	N.A.
Standard Deviation :	10.42	N.A.
Minimum Value :	2	.1
Maximum Value :	89	89
Range :	.1 -- 9999 PPM	.1 -- 89 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

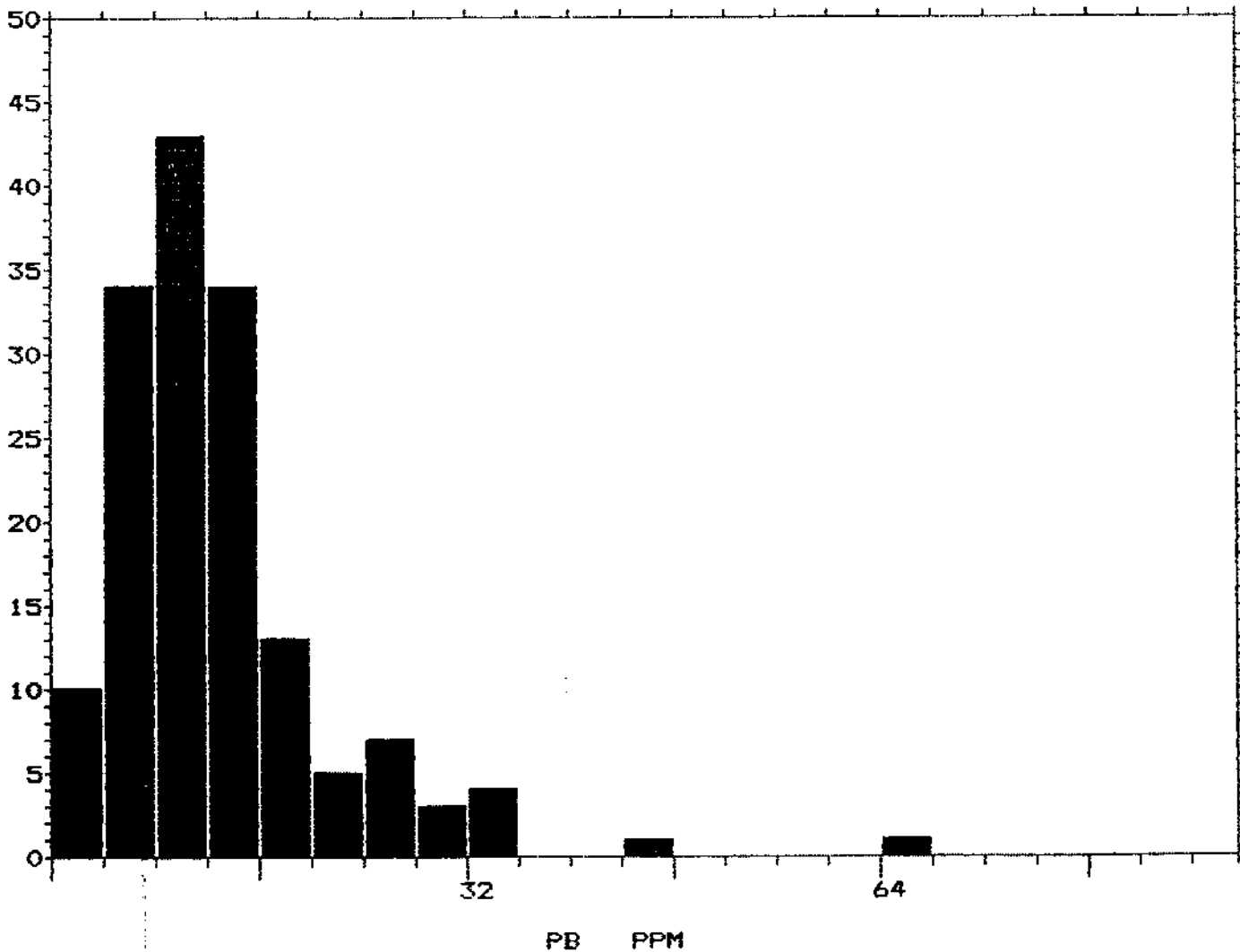
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: PB

Sample Type: Soil

Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

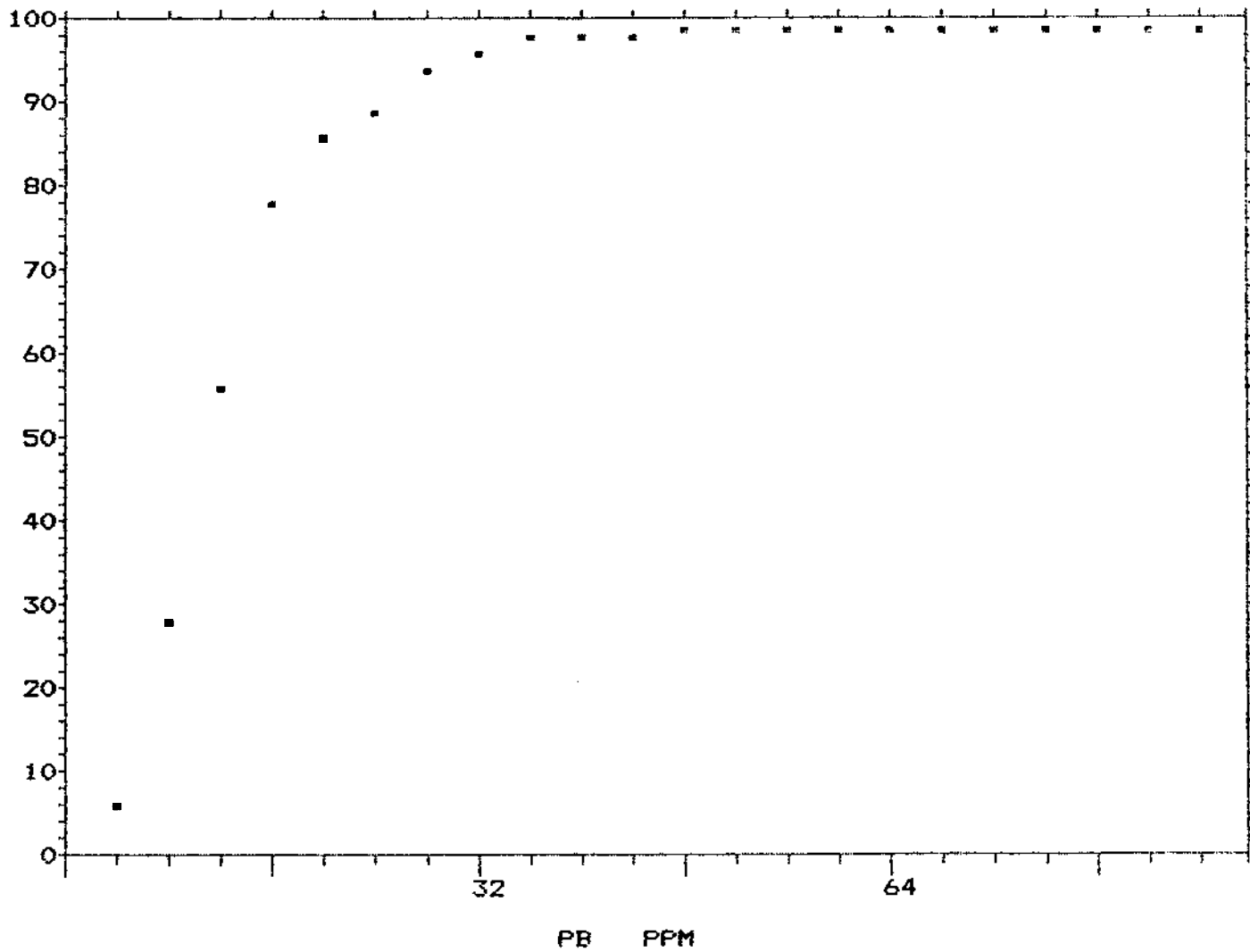
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: PB

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**STATISTICAL REPORT**To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.Project:  
Date: 88-03-09

Element: ZN

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 42	3	1.92	1.92	36.67
43 - 84	16	10.26	12.18	72.56
85 - 126	38	24.36	36.54	108.84
127 - 168	32	20.51	57.05	147.03
169 - 210	17	10.90	67.95	181.59
211 - 252	17	10.90	78.85	231.88
253 - 294	15	9.62	88.47	271.07
295 - 336	5	3.21	91.68	320.00
337 - 378	2	1.28	92.96	344.00
379 - 420	5	3.21	96.17	407.60
421 - 462	1	0.64	96.81	451.00
463 - 504	1	0.64	97.45	486.00
505 - 546	1	0.64	98.09	510.00
547 - 588	1	0.64	98.73	584.00
589 - 630	0	0.00	98.73	0.00
631 - 672	0	0.00	98.73	0.00
673 - 714	0	0.00	98.73	0.00
715 - 756	0	0.00	98.73	0.00
757 - 798	0	0.00	98.73	0.00
799 - 840	0	0.00	98.73	0.00
841 - 882	1	0.64	99.37	875.00
883 - 924	1	0.64	100.00	915.00

**For Statistics****For All Data**

Number of Samples:	156	156
Arithmetic Mean :	188.17	N.A.
Standard Deviation :	127.59	N.A.
Minimum Value :	32	.1
Maximum Value :	915	915
Range :	.1 -- 9999 PPM	.1 -- 915 PPM

**File(s) used for Statistics:**

A&amp;M88022.ICP    A&amp;M87866.ICP    A&amp;M87843.ICP    A&amp;M87770.ICP

**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

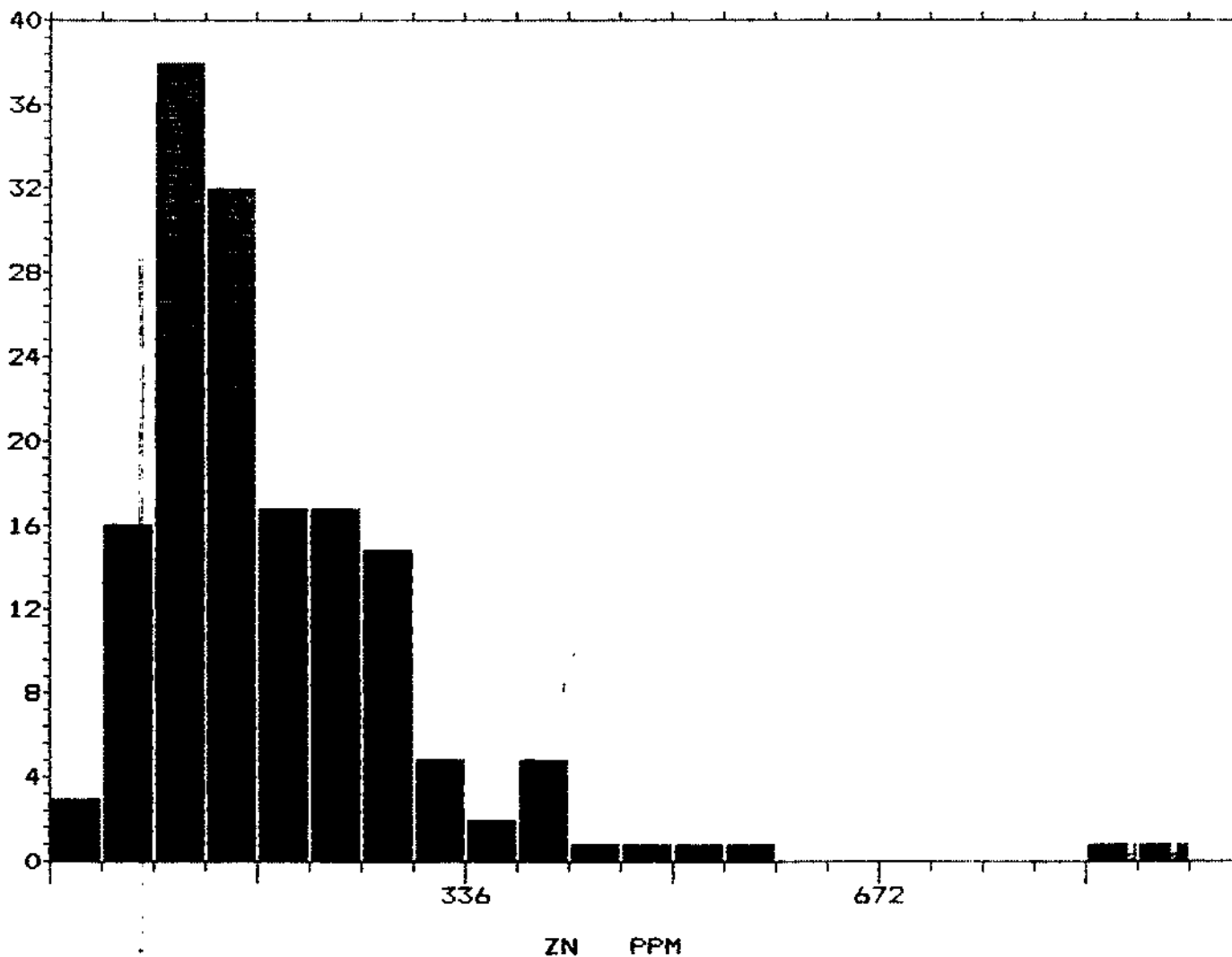
To: A&M EXPLORATION LTD.  
714-B50 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: ZN

Sample Type: Soil

Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

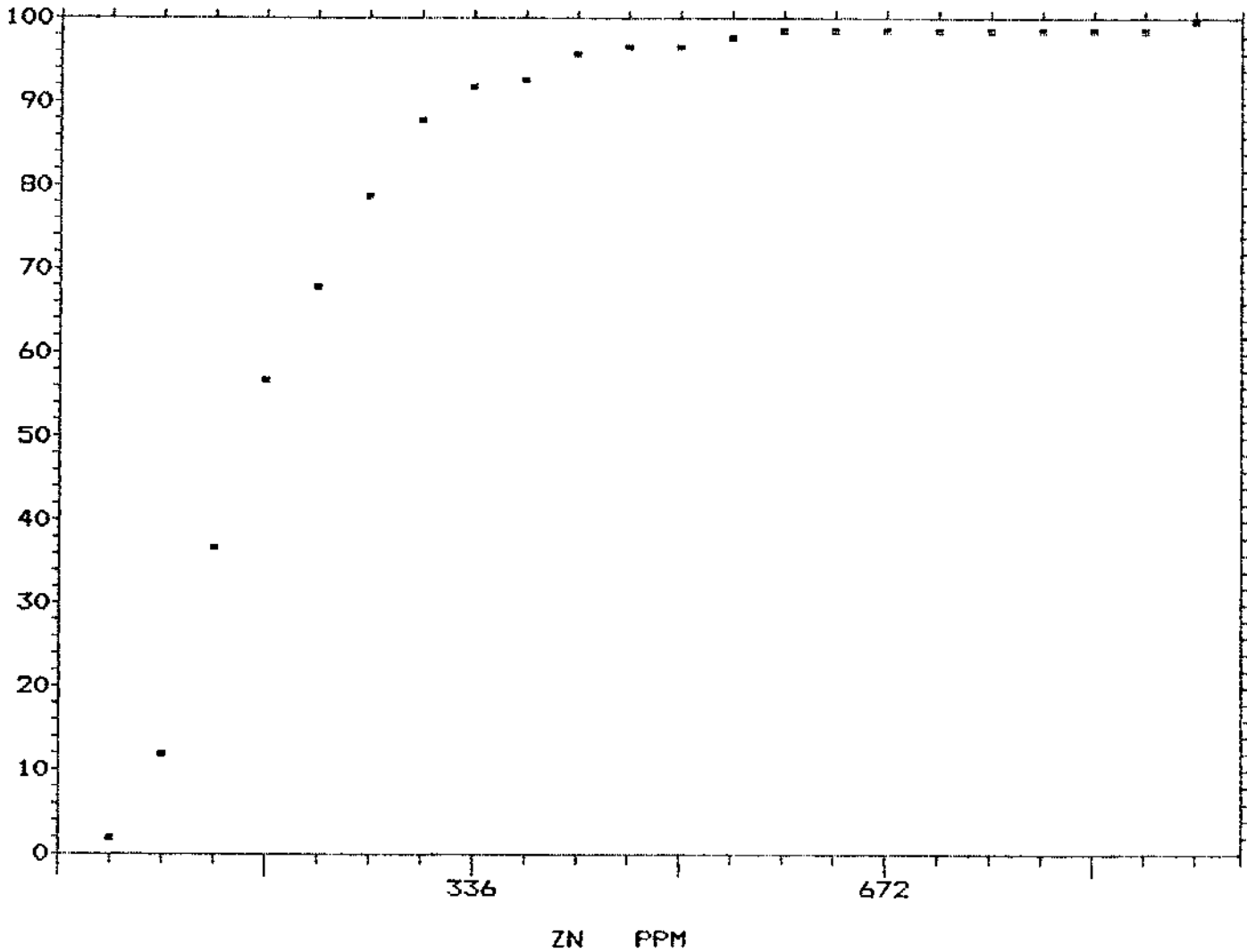
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: ZN

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: CU Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 16	20	12.82	12.82	11.85
17 - 32	64	41.03	53.85	24.28
33 - 48	31	19.87	73.72	40.35
49 - 64	18	11.54	85.26	54.89
65 - 80	10	6.41	91.67	72.40
81 - 96	4	2.56	94.23	84.75
97 - 112	2	1.28	95.51	112.00
113 - 128	4	2.56	98.07	118.00
129 - 144	0	0.00	98.07	0.00
145 - 160	1	0.64	98.71	154.00
161 - 176	1	0.64	99.35	166.00
177 - 192	0	0.00	99.35	0.00
193 - 208	0	0.00	99.35	0.00
209 - 224	0	0.00	99.35	0.00
225 - 240	0	0.00	99.35	0.00
241 - 256	0	0.00	99.35	0.00
257 - 272	0	0.00	99.35	0.00
273 - 288	0	0.00	99.35	0.00
289 - 304	0	0.00	99.35	0.00
305 - 320	0	0.00	99.35	0.00
321 - 336	0	0.00	99.35	0.00
337 - 352	1	0.64	100.00	342.00

**For Statistics**

**For All Data**

Number of Samples:	156	156
Arithmetic Mean :	41.35	N.A.
Standard Deviation :	36.93	N.A.
Minimum Value :	5	.1
Maximum Value :	342	342
Range :	.1 -- 9999 PPM	.1 -- 342 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP

**DSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

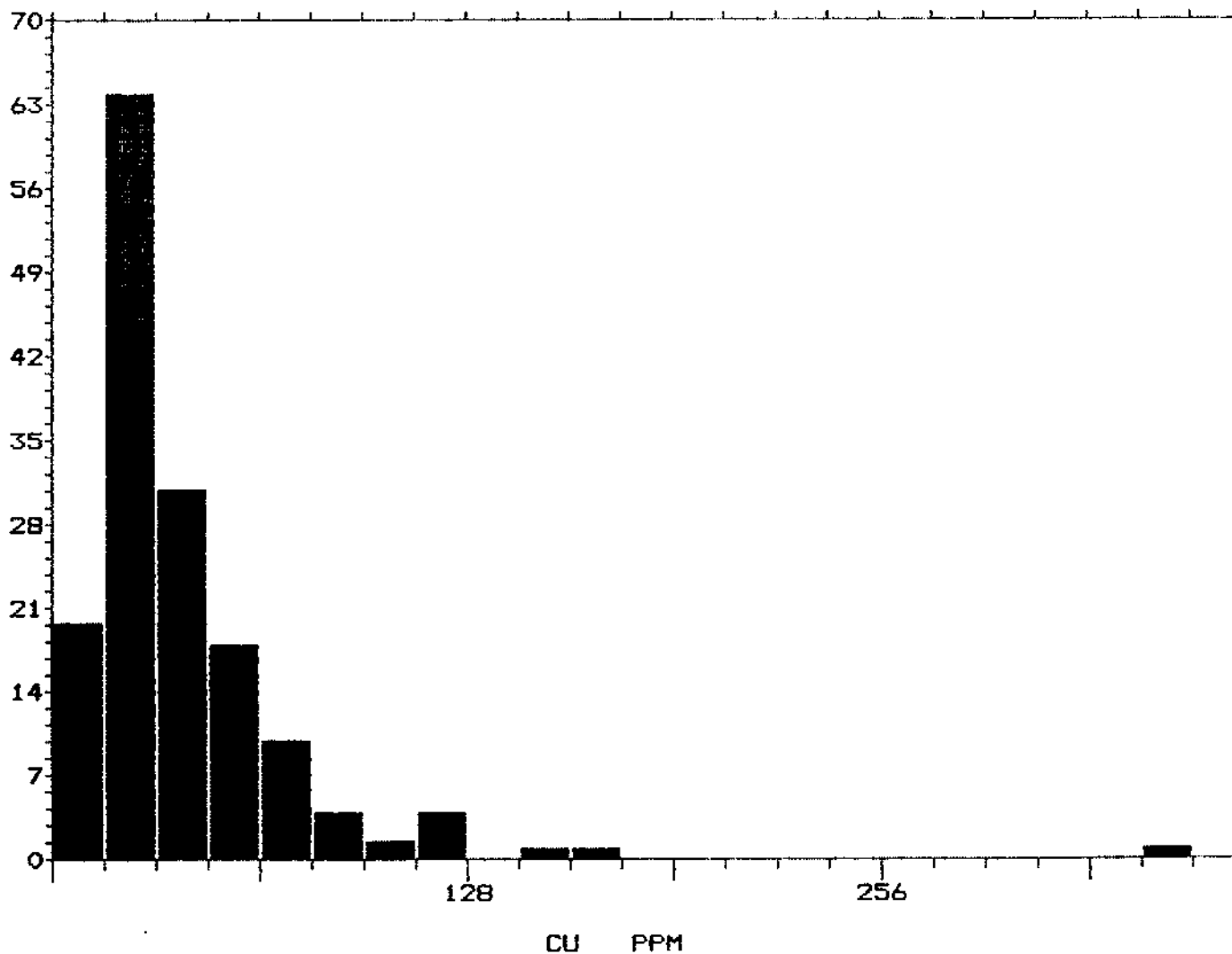
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: CU

Sample Type: Soil

Frequency Histogram





**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

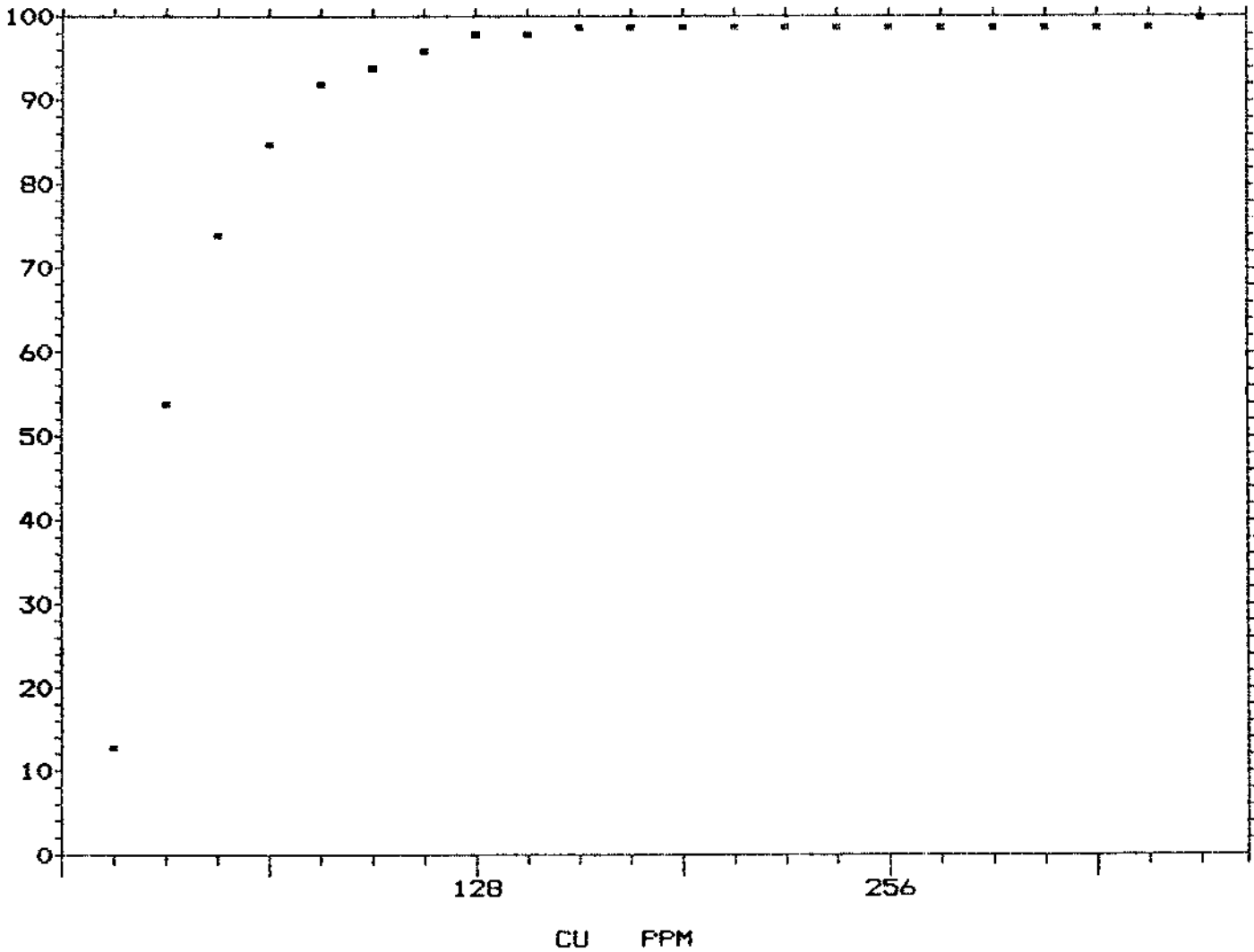
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: CU

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910**STATISTICAL REPORT**To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.Project:  
Date: 88-03-09

Element: MO

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 5	84	53.85	53.85	3.43
6 - 10	43	27.56	81.41	7.40
11 - 15	11	7.05	88.46	12.73
16 - 20	9	5.77	94.23	17.89
21 - 25	2	1.28	95.51	24.50
26 - 30	3	1.92	97.43	28.67
31 - 35	1	0.64	98.07	34.00
36 - 40	0	0.00	98.07	0.00
41 - 45	1	0.64	98.71	42.00
46 - 50	0	0.00	98.71	0.00
51 - 55	0	0.00	98.71	0.00
56 - 60	0	0.00	98.71	0.00
61 - 65	0	0.00	98.71	0.00
66 - 70	0	0.00	98.71	0.00
71 - 75	0	0.00	98.71	0.00
76 - 80	0	0.00	98.71	0.00
81 - 85	0	0.00	98.71	0.00
86 - 90	0	0.00	98.71	0.00
91 - 95	0	0.00	98.71	0.00
96 - 100	0	0.00	98.71	0.00
101 - 105	0	0.00	98.71	0.00
106 - 110	0	0.00	98.71	0.00
111 - 115	1	0.64	99.00	115.00

**For Statistics****For All Data**

Number of Samples:	156	156
Arithmetic Mean :	8.67	N.A.
Standard Deviation :	14.02	N.A.
Minimum Value :	1	.1
Maximum Value :	119	119
Range :	.1 -- 9999 PPM	.1 -- 119 PPM

**File(s) used for Statistics:**

A&amp;M88022.ICF    A&amp;M87866.ICF    A&amp;M87843.ICF    A&amp;M87770.ICF

**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

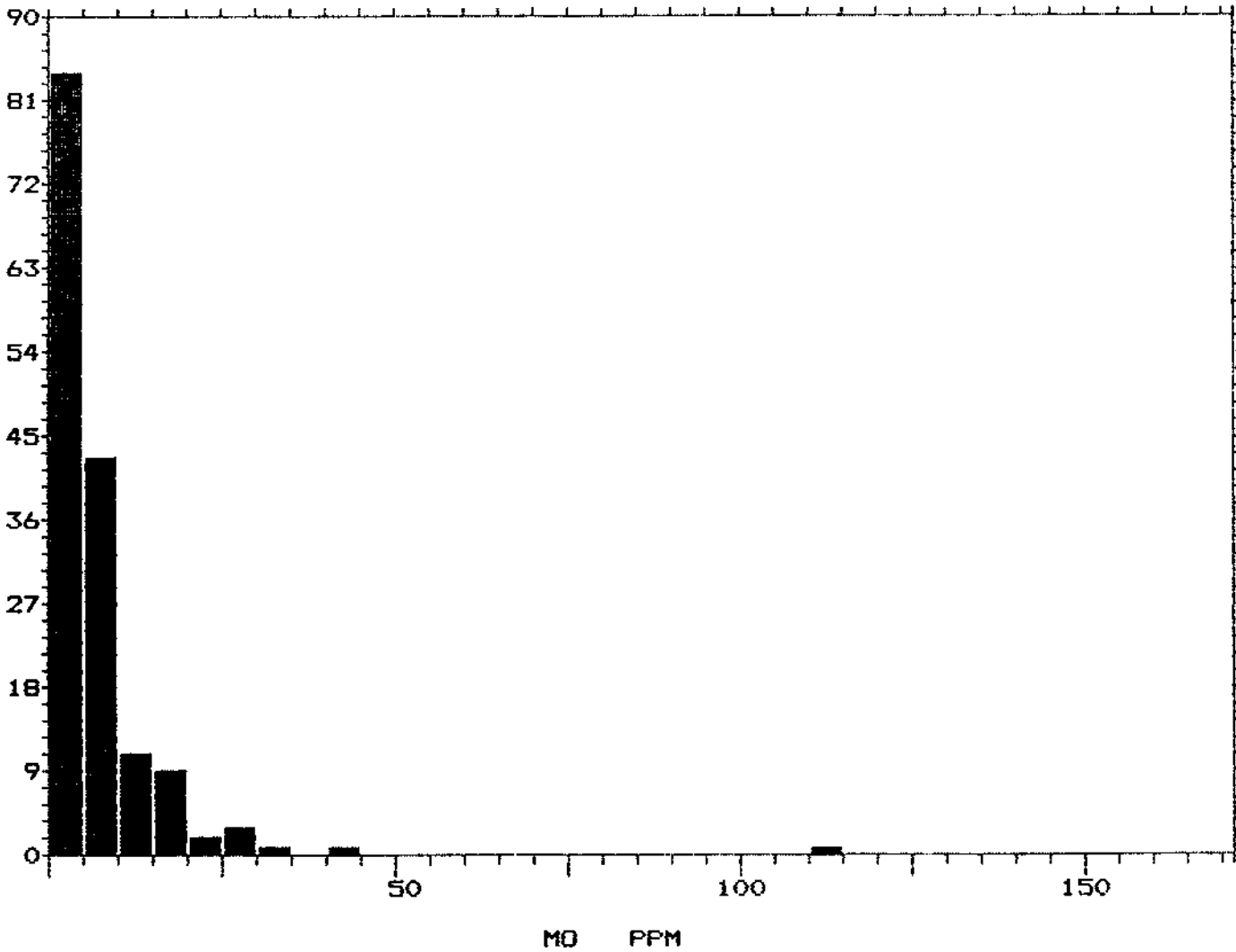
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: MO

Sample Type: Soil

Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

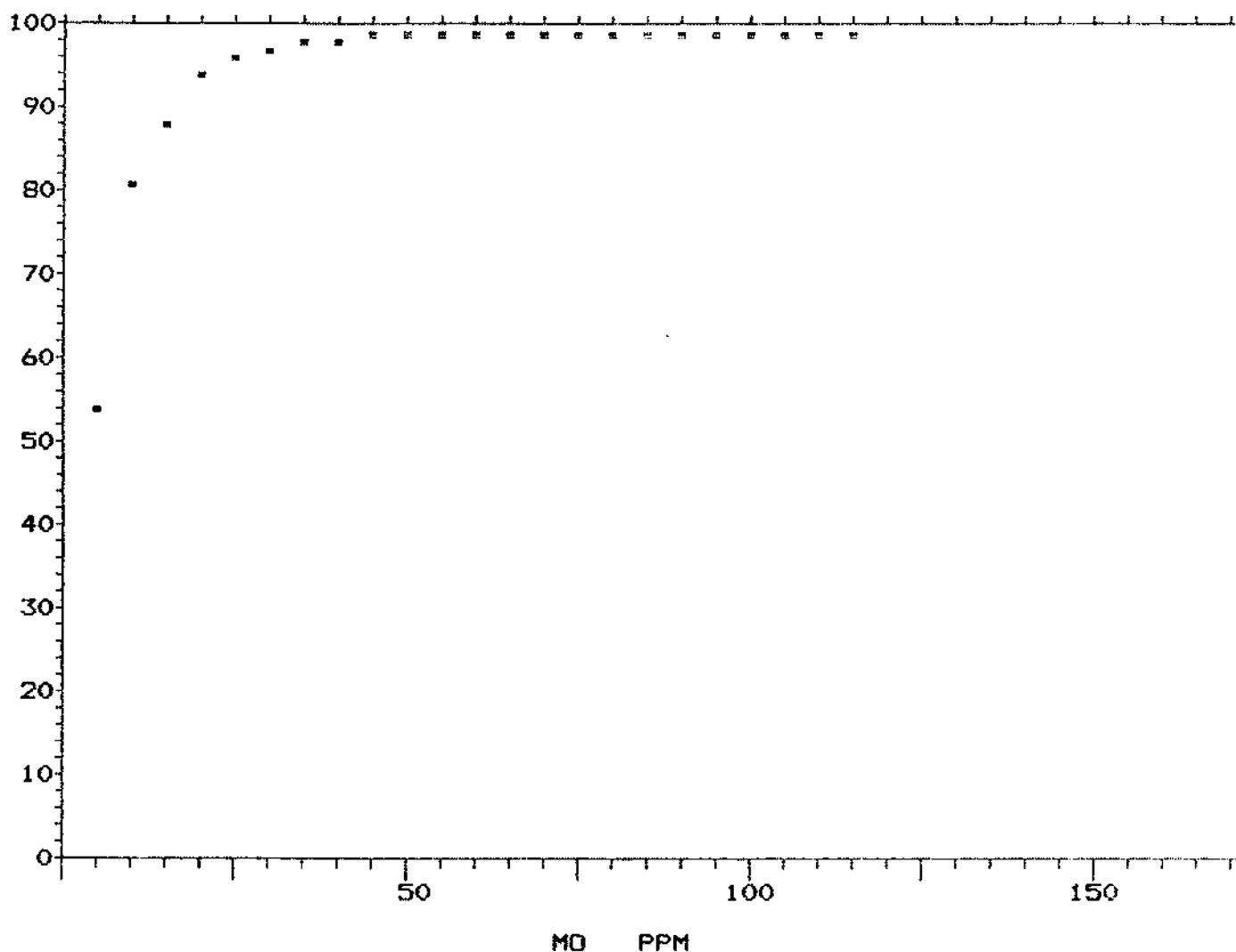
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: MO

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: MO Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 2	18	11.69	11.69	1.83
3 - 4	49	31.82	43.51	3.47
5 - 6	31	20.13	63.64	5.45
7 - 8	19	12.34	75.98	7.37
9 - 10	10	6.49	82.47	9.40
11 - 12	6	3.90	86.37	11.67
13 - 14	3	1.95	88.32	13.33
15 - 16	3	1.95	90.27	15.33
17 - 18	5	3.25	93.52	17.40
19 - 20	3	1.95	95.47	19.33
21 - 22	0	0.00	95.47	0.00
23 - 24	1	0.65	96.12	24.00
25 - 26	1	0.65	96.77	25.00
27 - 28	1	0.65	97.42	27.00
29 - 30	2	1.30	98.72	29.50
31 - 32	0	0.00	98.72	0.00
33 - 34	1	0.65	99.37	34.00
35 - 36	0	0.00	99.37	0.00
37 - 38	0	0.00	99.37	0.00
39 - 40	0	0.00	99.37	0.00
41 - 42	1	0.65	100.02	42.00
43 - 44	0	0.00	100.02	0.00
45 - 46	0	0.00	100.00	0.00

**For Statistics**

**For All Data**

Number of Samples:	154	156
Arithmetic Mean :	7.26	N.A.
Standard Deviation :	6.61	N.A.
Minimum Value :	1	.1
Maximum Value :	42	119
Range :	.1 -- 50 PPM	.1 -- 119 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP

**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

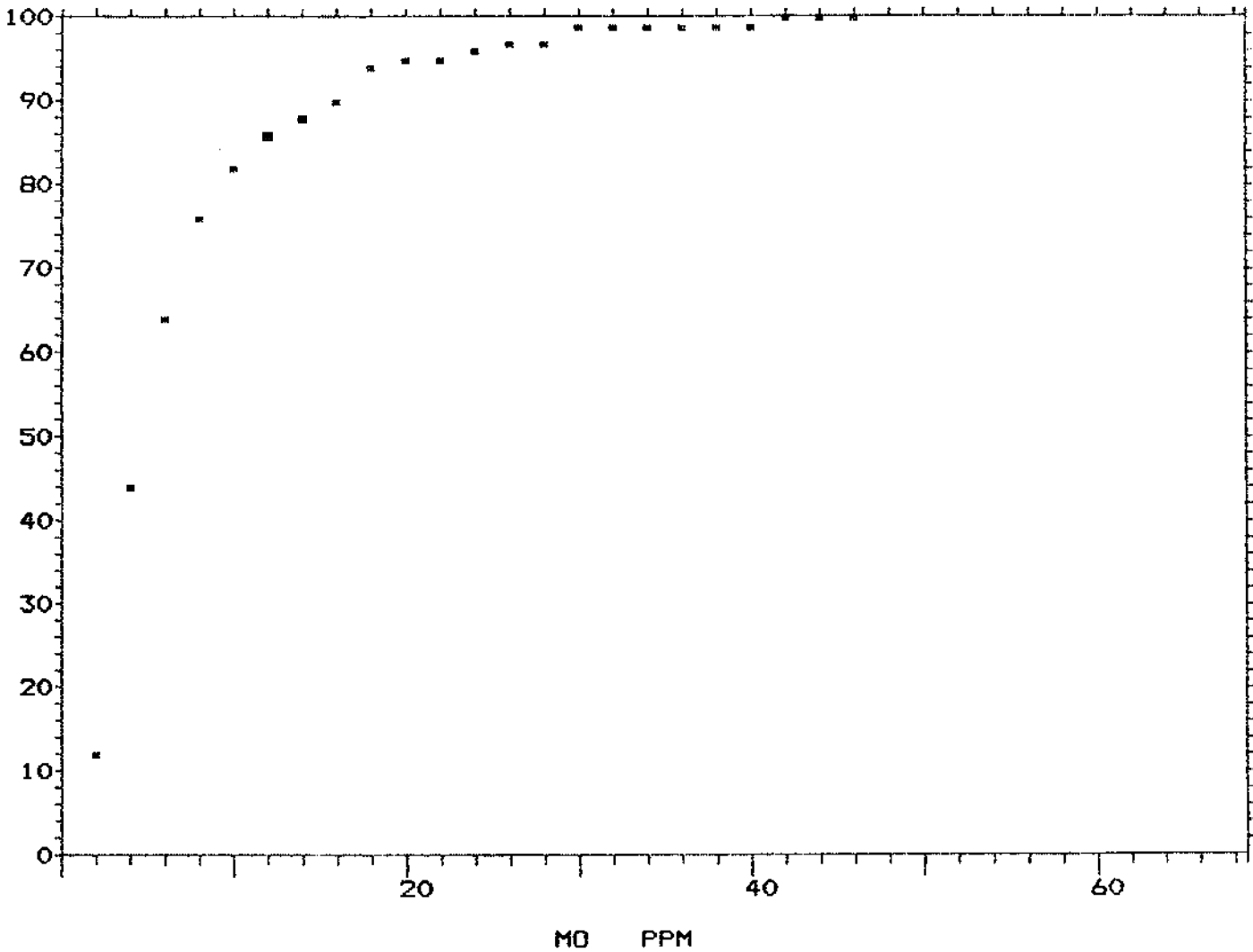
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: MO

Sample Type: Soil

Cumulative Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

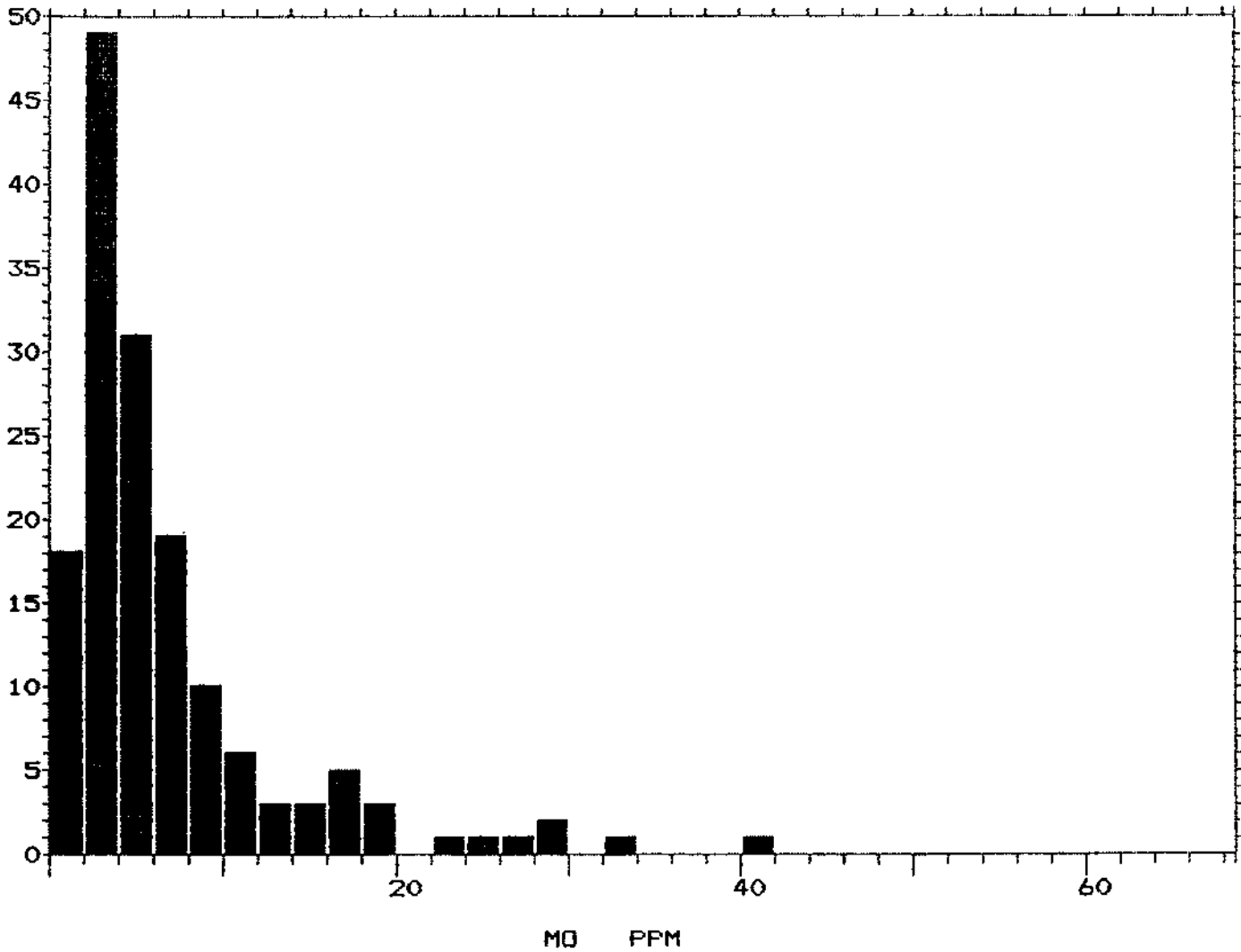
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: MO

Sample Type: Soil

Frequency Histogram





**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: AS Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 5	91	58.33	58.33	2.70
6 - 10	30	19.23	77.56	7.80
11 - 15	16	10.26	87.82	13.31
16 - 20	7	4.49	92.31	16.86
21 - 25	4	2.56	94.87	23.00
26 - 30	3	1.92	96.79	27.33
31 - 35	0	0.00	96.79	0.00
36 - 40	0	0.00	96.79	0.00
41 - 45	0	0.00	96.79	0.00
46 - 50	2	1.28	98.07	48.00
51 - 55	0	0.00	98.07	0.00
56 - 60	1	0.64	98.71	56.00
61 - 65	0	0.00	98.71	0.00
66 - 70	0	0.00	98.71	0.00
71 - 75	0	0.00	98.71	0.00
76 - 80	0	0.00	98.71	0.00
81 - 85	1	0.64	99.35	81.00
86 - 90	0	0.00	99.35	0.00
91 - 95	0	0.00	99.35	0.00
96 - 100	1	0.64	99.99	98.00
101 - 105	0	0.00	99.99	0.00
106 - 110	0	0.00	100.00	0.00

**For Statistics**

**For All Data**

Number of Samples:	156	156
Arithmetic Mean :	8.439999	N.A.
Standard Deviation :	12.61	N.A.
Minimum Value :	2	.1
Maximum Value :	98	98
Range :	1 -- 9999 PPM	.1 -- 98 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP

**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

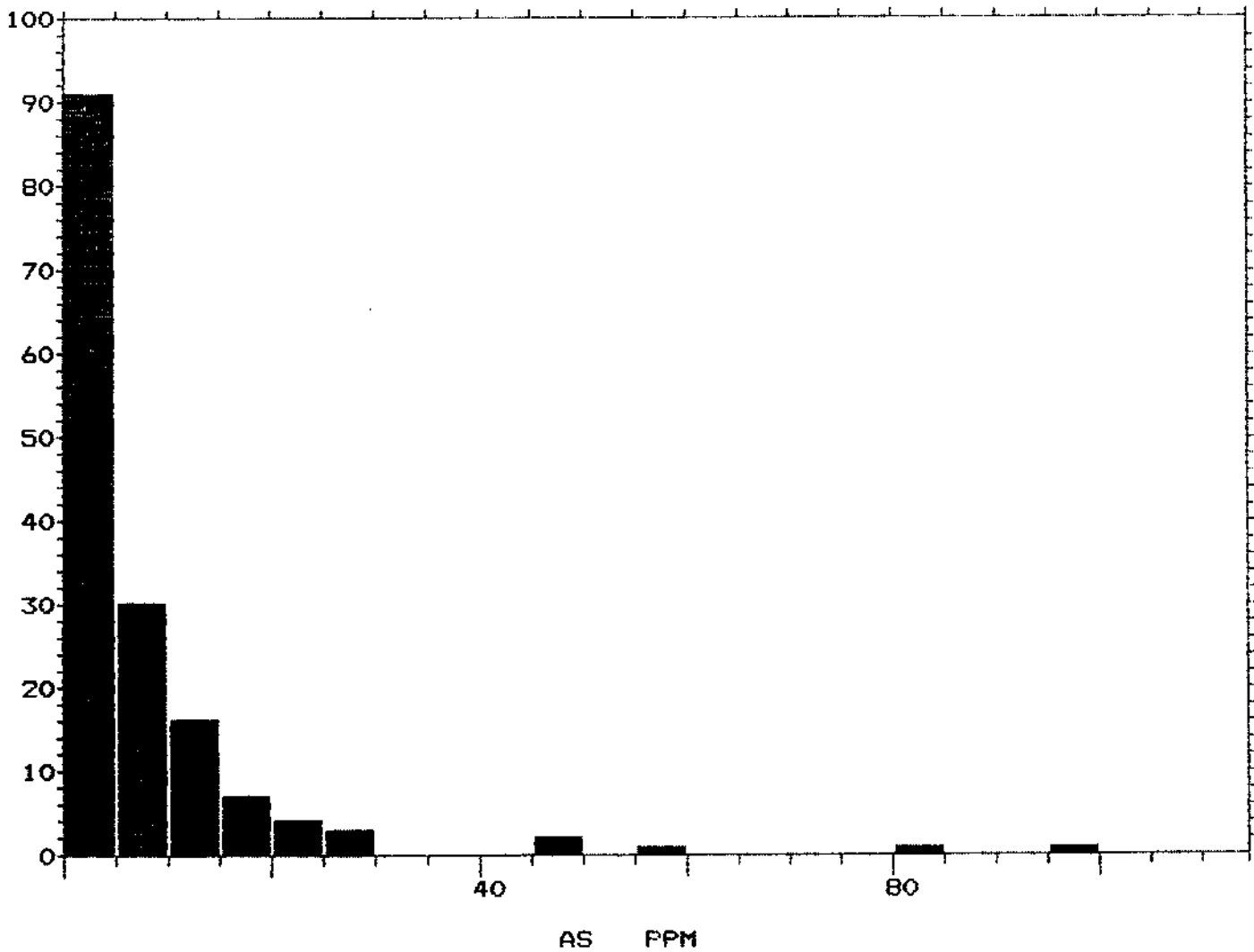
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-07

Element: AS

Sample Type: Soil

Frequency Histogram



**OSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

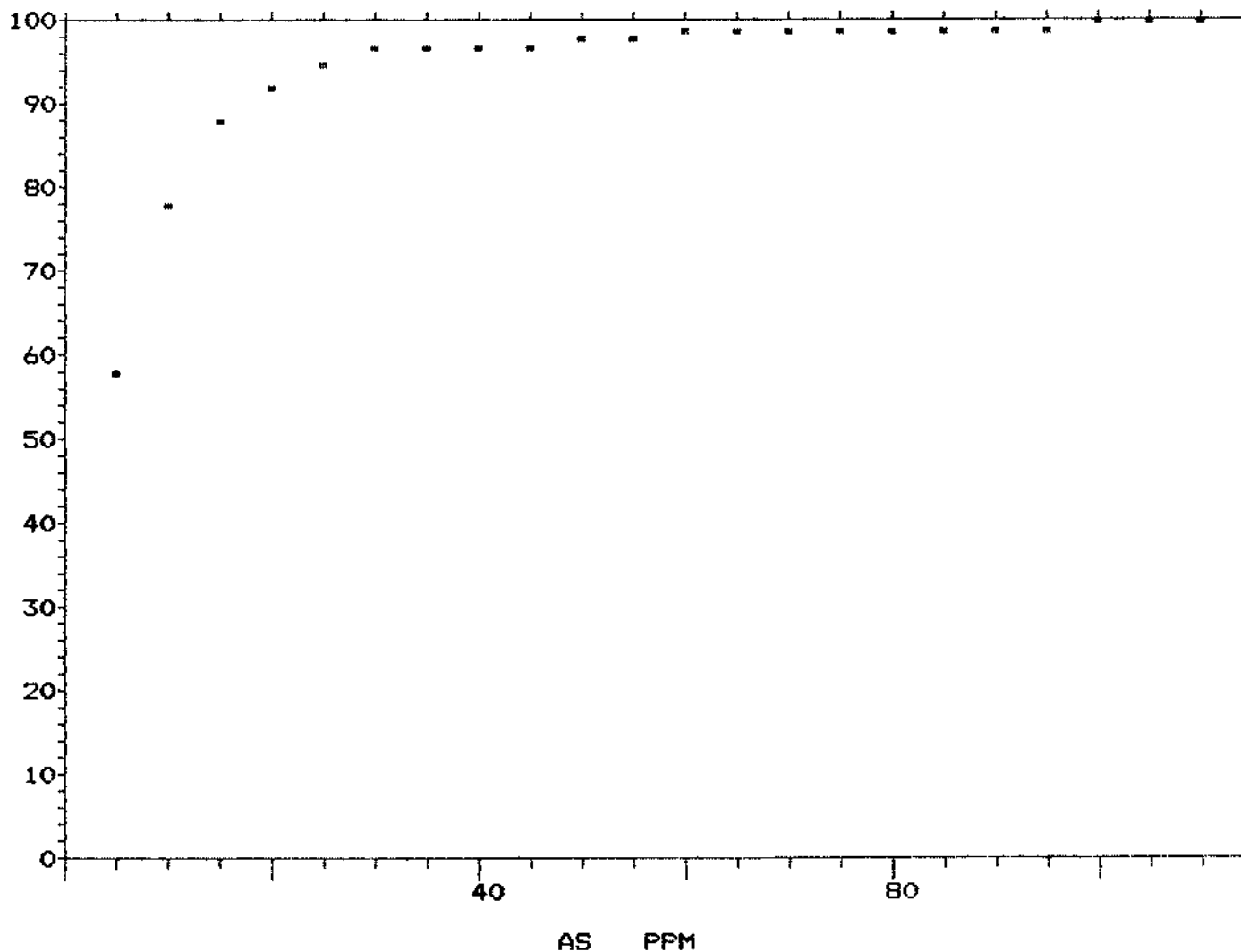
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: AS

Sample Type: Soil

Cumulative Frequency Histogram



**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
 BURNABY, B.C. V5B 3N1  
 TEL : (604) 299 - 6910

**STATISTICAL REPORT**

To: A&M EXPLORATION LTD.  
 714-850 W. HASTINGS ST.  
 VANCOUVER, B.C.

Project:  
 Date: 88-03-09

Element: AS

Sample Type: Soil

CLASS INTERVAL	CLASS FREQUENCY	RELATIVE FREQUENCY%	CUMULATIVE FREQUENCY%	CLASS MEAN
0 - 2	52	34.44	34.44	2.00
3 - 4	32	21.19	55.63	3.34
5 - 6	14	9.27	64.90	5.50
7 - 8	12	7.95	72.85	7.50
9 - 10	11	7.28	80.13	9.27
11 - 12	5	3.31	83.44	12.00
13 - 14	8	5.30	88.74	13.50
15 - 16	6	3.97	92.71	15.50
17 - 18	3	1.99	94.70	17.00
19 - 20	1	0.66	95.36	19.00
21 - 22	2	1.32	96.68	21.50
23 - 24	1	0.66	97.34	24.00
25 - 26	3	1.99	99.33	25.67
27 - 28	0	0.00	99.33	0.00
29 - 30	1	0.66	100.00	30.00

**For Statistics**

**For All Data**

Number of Samples:	151	156
Arithmetic Mean :	6.52	N.A.
Standard Deviation :	6.02	N.A.
Minimum Value :	2	.1
Maximum Value :	30	98
Range :	2 -- 30 PPM	.1 -- 98 PPM

**File(s) used for Statistics:**

A&M88022.ICP    A&M87866.ICP    A&M87843.ICP    A&M87770.ICP

**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL : (604) 299 - 6910

**STATISTICAL REPORT**

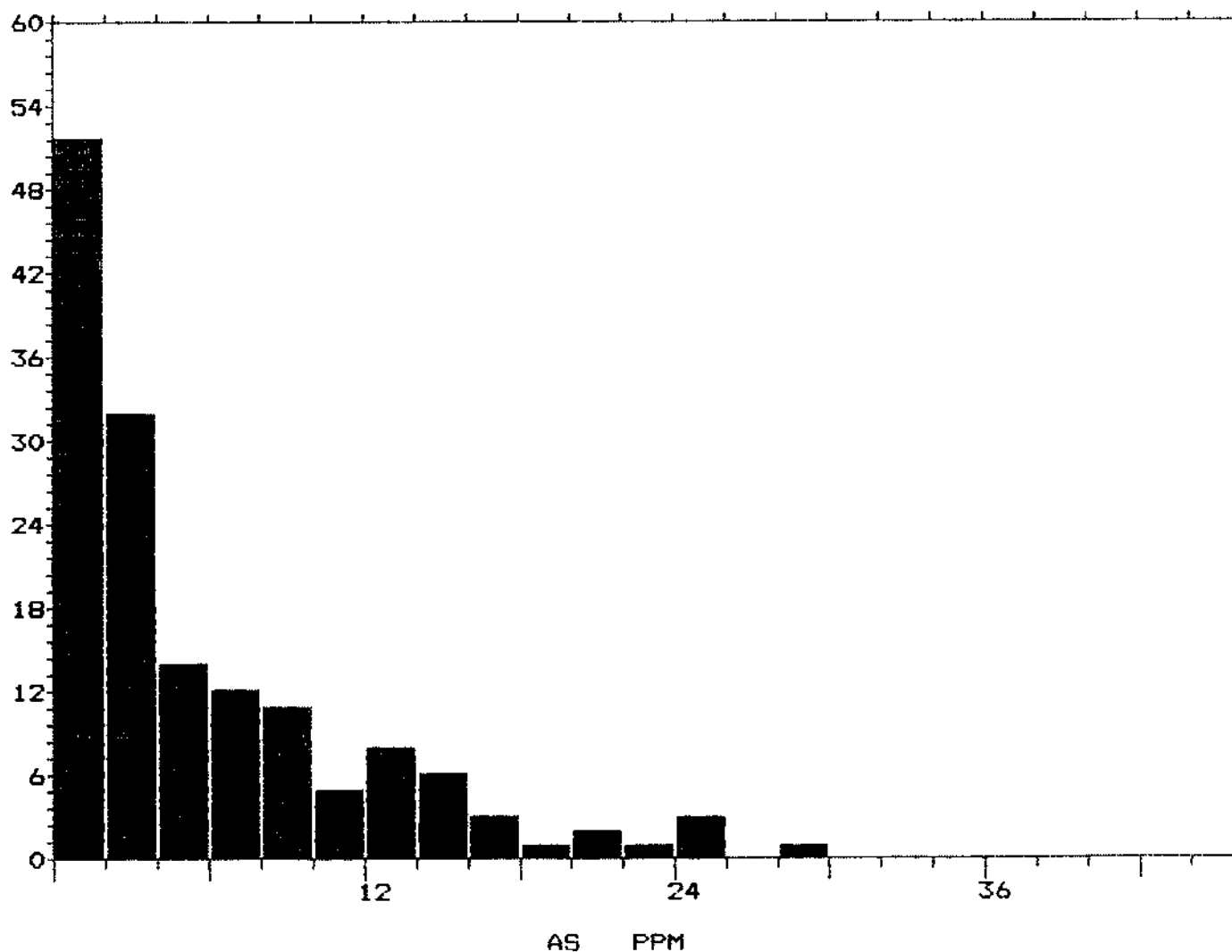
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: AS

Sample Type: Soil

Frequency Histogram



**ROSSBACHER LABORATORY LTD.**

2225 S. SPRINGER AVENUE  
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TEL : (604) 299 - 6910

**STATISTICAL REPORT**

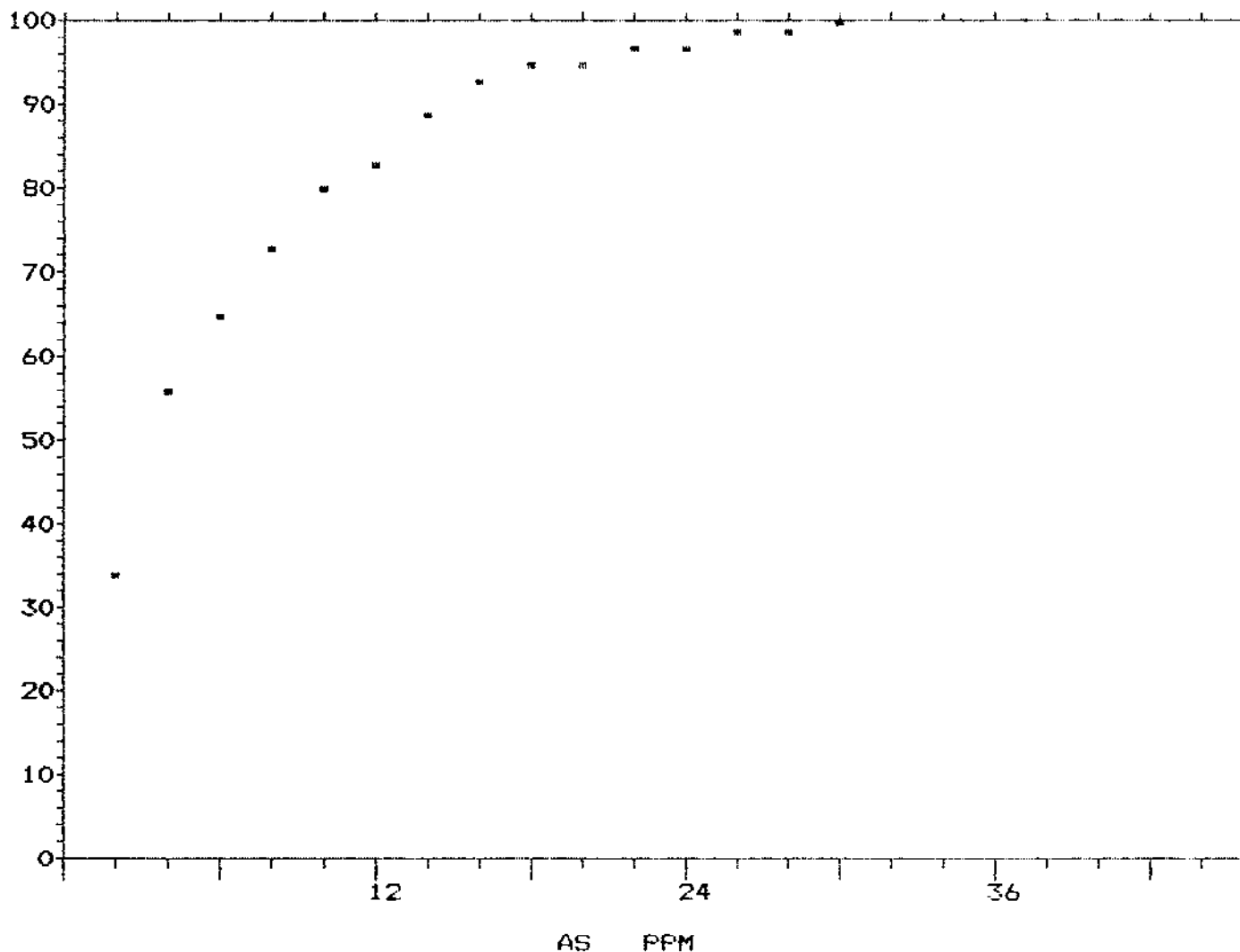
To: A&M EXPLORATION LTD.  
714-850 W. HASTINGS ST.  
VANCOUVER, B.C.

Project:  
Date: 88-03-09

Element: AS

Sample Type: Soil

Cumulative Frequency Histogram



**APPENDIX III**

Affidavit of Expenses

AFFIDAVIT OF EXPENSES

During the period of November 20, 1987 to January 23, 1988 work was performed on the Crooked Lake properties for Inter-Canadian Development Corp. The claims are situated in the Cariboo Mining Division in the Horsefly area of British Columbia.

FIELD

Personnel

Don Allen		\$ 450
Gary Allen		450
Garth Barton		5,760
Chris Brooks		3,200
Darwin Carstens		800
Diane Hebditch		800
Brian Dixie		1,200
Joe Cuvelier		700
Kevin Wright		280

Geochemical Analysis

Soil	468 samples (Au & I.C.P.)	4,960
Rock	4 samples (Au & I.C.P.)	52

Equipment Rental

Magnetometer	24 days @ \$30/day	720
VLF-EM Unit	24 days @ \$15/day	360

Field Supplies 530

Communication 150

Room & Board 2,700

Transportation 1,860

Stationery/Supplies 60

Total This Page \$ 25,032



Balance Forward \$ 25,032

REPORT

Personnel

Don Allen 2.5 days @ \$450/day 1,125

Doug Brownlee 7 days @ \$300/day 2,100

Drafting

Draftsmen 100 hours @ \$20/hour 2,000

Maps 400

Supplies 50

Typing/Compilation 450

Stationery/Supplies 50

**TOTAL \$ 31,207**