

86-65-14452

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL
REPORT ON THE CHRISTMAS #1-8
MINERAL CLAIMS

01/87

CANIM LAKE AREA, BRITISH COLUMBIA
CARIBOO MINING DIVISION
NTS 92P/15W

LATITUDE 51° ~~54.4~~ 52.8' LONGITUDE 120° ~~48.2~~ 45.2'

for

Operator: MING MINES LIMITED

by

Owner: E & B EXPLORATIONS INC.
1440 - 800 West Pender Street
Vancouver, B.C.
V6C 2V6

FILMED

FIELD WORK PERIOD: JUNE 12 to JULY 19, 1985

WRITTEN BY: Mark A. Tindall, Project Geologist
Rodney W. Arnold, Geologist

DATE OF REPORT: August 19, 1985

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,452

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Mark A. Tindall

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SECTION A - SUMMARY OF WORK

SUMMARY AND RECOMMENDATIONS

The Christmas claim group is located on the north shore of Canim Lake in south central British Columbia about 55 kilometers northeast of 100 Mile House. Very little recorded work has been done in the area of the claim group. In 1983, E&B Explorations Inc. staked the claims. Ming Mines Limited optioned the claim group in 1985.

The 1985 program completed to date includes: the establishment of 48 kilometers of grid lines over two grid locations; the collection and analysis of 736 soil samples from the two grids, ten silt and seven panned concentrate samples from creeks draining the area and 94 rock samples; a ground geophysical magnetometer and VLF-EM survey covering 40.5 kilometers of grid lines; geological mapping along grid lines; and prospecting over the entire property.

Results from the 1985 program are encouraging with coincident geochemical-geophysical anomalies being located. Of particular interest are several multi-station geochemical soil anomalies in gold located on lines 100+00W and 101+00W between stations 50+00N and 51+00N (gold - 30 ppb to 370 ppb), lines 98+00W and 99+00W between stations 46+00N and 50+00N (gold - 30 ppb to 370 ppb) and lines 83+00W to 86+00W between stations 73+00N and 74+00N (gold - 40 ppb to 240 ppb). This last anomaly is open to the northeast. A strong to moderate east-west trending geophysical anomaly appears to coincide with the geochemical anomaly on lines 98+00W and 99+00W, possibly reflecting structural complications amenable to gold mineralization.

It is proposed that a follow-up program be conducted to ascertain mineral potential. The program should consist of an extension of the north grid to close the anomaly on lines 83+00W and 84+00W and a tightening of control points on the south grid between lines 95+00W to 101+00W and between stations 46+00N to 52+00N. Twenty-five meter sampling stations are suggested along fill-in lines between the existing grid lines. Trenching and percussion drilling would complete the next phase of exploration activities. Total expenditures for this recommended program would be about \$75,000.

INTRODUCTION

The Christmas 1-8 claims are underlain by basalts, volcanoclastic sediments and tuffs intruded by a hornblende diorite. Locally these rocks are silicified and accompanied by variable amounts of pyrite mineralization.

Past work includes limited soil and rock sampling conducted by J.M.T. Services Corp. for E&B Explorations during 1983 and 1984. Several old trenches and abandon drill core indicate earlier exploration activities on the property. There appears to be no record of this work.

Between June 12 and July 18, 1985, a program of prospecting, geological mapping, soil geochemistry and ground magnetometer and VLF-EM surveys was carried out on the property. The purpose of the program was to extend known areas of pyrite mineralization which are accompanied by weak gold values and to enclose a gold soil anomaly partially delineated during the 1983 field program.

Prospecting uncovered an area of interbedded volcanics and volcanoclastic rocks intruded by diorite and mineralized with pyrite situated northeast of the original Christmas 1-4 claim group. The Christmas 5 and 8 claims were staked to cover this showing.

Two grids were placed to cover the areas of mineralized outcrop totalling 48 kilometers of grid line; 14 kilometers on the north grid and 34 kilometers on the south grid.

Magnetometer, VLF-EM and soil geochemical surveys were carried out over the entire north grid and most of the south grid for a total of 40.5 kilometers of surveyed line. Seven hundred and thirty-six soil samples were collected.

Detailed geological mapping was done on a scale of 1:5,000 using grid lines for control. Outside of the grids, mapping was directed at areas of topographic relief. A total of 94 rock samples were collected for assay during the program.

Stream sediment samples were collected from all of the creeks on the property. Panned concentrates from stream gravel were also collected from several locations for comparison with the silts and for anomaly follow-up. A total of ten silt and seven concentrate samples were taken.

All soil, silt and concentrate samples were assayed for gold by atomic absorption and by 28 element I.C.P. Rock samples were also run for 28 element I.C.P. and fire assayed for gold with an A.A. finish.

LOCATION AND ACCESS

The Christmas 1-8 claims, located approximately 55 kilometers northeast of 100 Mile House in south central British Columbia, NTS 92 P/15, Latitude 51° 53' N and Longitude 120° 46' W (Figure 1), lie along the north shore of Canim Lake and encompass Christmas Lake.

The claims are accessible by road from Highway 97 at the Canim Lake turnoff two kilometers north of 100 Mile House then via 50 kilometers of paved secondary highway to Eagle Creek. From Eagle Creek a good gravel road leads northeast for five kilometers to the western claim boundary and traverses northeastward through the claim block.

The central and southern end of the claims are accessible by a rough, four-wheel drive road, which skirts the south end of Christmas Lake and leads to several lots along the north shore of Canim Lake.

The north end of the claims is accessed by dirt forest service and ranch roads (Figure 2).

TOPOGRAPHY AND PHYSICAL ENVIRONMENT

The Christmas claim group is situated on the north shore of Canim Lake. Topographic relief on the property ranges from 770 meters at Canim Lake to 1,130 meters in the extreme northeast corner of the claims. The main topographic feature within the claim group is Christmas Lake.

The property is heavily forested with fir, spruce and cedar being of commercial value. Some logging operations on the claims are anticipated in 1985. Swamps dominate the lowlands.

CLAIMS

<u>Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Owner</u>
Christmas #1	20	1352(2)	February 25, 1983	E&B Explorations Inc.
Christmas #2	10	1353(2)	February 25, 1983	E&B Explorations Inc.
Christmas #3	4	1354(2)	February 25, 1983	E&B Explorations Inc.
Christmas #4	4	1355(2)	February 25, 1983	E&B Explorations Inc.
Christmas #5	20	1896(7)	July 17, 1985	K. McNaughton
Christmas #6	12	1897(7)	July 17, 1985	K. McNaughton
Christmas #7	16	1898(7)	July 17, 1985	R. Arnold
Christmas #8	8	1899(7)	July 17, 1985	R. Arnold

Claim overlap reduces the total area covered by the Christmas claims to 76 units.

HISTORY

The property has very little recorded history prior to E&B Explorations Inc. staking the area in 1983. According to the British Columbia Mineral Occurrences file, the RK claims were located in about the area of the main showing. These claims were staked in 1972. No work was recorded but old trenches and abandoned drill core located on the property may have been carried out during this time.

Just east of the property on the Well claims, a program of surface mapping and a rock and soil geochemical survey was conducted. This work was undertaken in 1975 by Dupont of Canada Exploration Ltd. Minor chalcopyrite and associated weak gold values were located in altered agglomerates and tuffs.

In the fall of 1983, E&B Explorations Inc. undertook a small exploration program consisting of rock and soil geochemical surveys and reconnaissance geological mapping. Interesting gold values were attained in hornfelsed volcanics near the northeastern contact of a diorite stock.

GEOLOGY

The claims are underlain by a succession of interbedded hornblende basalt flows, fine grained, finely banded volcanoclastic sediments and aphanitic rhyo-dacite tuffs. A single unit of porphyritic basalt with large (1-5 mm) plagioclase phenocrysts was mapped northwest of the LCP for Christmas 1 to 7 claims.

The regional trend of this package of rocks is approximately northeast-southwest with moderate dips to the northwest. Local variations from the regional trend are noted with strikes ranging from 188° to 285° and dips from 38° to 85° all to the northwest.

This entire assemblage of rocks is intruded by fine to medium-grained hornblende diorite. The diorite outcrops as one large sill east and south of the LCP for Christmas 1 to 7 and as smaller dykes and sills throughout the rest of the claim area, possibly indicating a partially unroofed stock of unknown dimensions.

Alteration accompanied by disseminated pyrite was noted along the northern contact with the large diorite sill and in country rock intruded by diorite sills and dykes in the northeast corner of Christmas 5.

The alteration in the country rock is generally restricted to weak-moderate silicification accompanied by 2%-3% disseminated pyrite. Pyrite tends to be concentrated along fractures and stains the weathered rock a dark limonite brown. Gypsum was occasionally noted with pyrite on fractures, particularly in road cuts at line 99+00W, 49+20N and line 99+00W, 71+50N. Minor quartz stockwork veining was also noted in several locations.

Altered diorite is moderately silicified and sericitized and accompanied by 2%-3% disseminated pyrite.

Heavy alteration with up to 15% pyrite, minor chalcopyrite and arsenopyrite was noted in the trenches at 97+00W, 49+10N; 91+00W, 48+25N; just south of the baseline 50+00N at 95+75W and in road cuts at 99+00W, 49+20N and 94+00W, 71+50N. Up to 30% pyrrhotite (rock sample KRO 46) is present in outcrop at 99+00W, 49+20N. Average pyrrhotite content was 2%-3%.

No evidence of folding was noted during the mapping. Faulting is subdued on the ground but readily apparent in air photos where overburden is thin.

Major faults were interpreted from 1:40,000 scale, Government of British Columbia air photos and plotted on the geology map. Several smaller shear zones were also apparent in the air photos but were left off the map for clarity.

Geology and rock sample results are presented in Figure CL-85-3a & b.

GRID EMPLACEMENT

Two grids were established on the property and will be referred to as the north and the south grids. A total of 48 kilometers of grid line was set out.

The north grid is 1,500 m x 800 m totalling 14 line kilometers. The baseline was run for 1,500 m along the east-west claim line common to Christmas 5 and 8. Grid lines were spaced at 100 m intervals and run 800 m south of the baseline. Stations were spaced at 50 m intervals along all lines in the north grid. A tie line was run at 72+00N for line control.

The south grid is approximately 1,700 m x 1,800 m. The baseline runs along the east-west claim line for 1,200 m east of and 1,000 m west of the LCP for Christmas 1 to 7. Grid lines are spaced at 100 m intervals and run 800 m north of and 1,000 m south of the baseline. Stations were spaced at 50 m intervals along the baseline and 25 m intervals along the grid lines. Tie lines were run at 43+00N and 55+00N. The south grid totals 34 line kilometers.

All lines on both grids were run with hip chain and compass and are marked by flagging. No slope corrections were made. Tie lines were not flagged.

GEOPHYSICS

Ground magnetic and VLF-EM surveys were run on the grids by Interpretex Resources Ltd. The entire north grid and 26.5 kilometers of the south grid (lines 91+00W to 104+00W inclusive) were surveyed for a total of 40.5 line kilometers of coverage. Readings were taken at 50 m intervals on the north grid and 25 m intervals on the south grid.

VLF readings were taken using a Geonics EM-16 VLF receiver. The station at Annapolis, Md. (NSS, 21.4 KHz) was used for readings along the north-south grid lines and the transmitter at Seattle, Wa. (NLK, 24.8 KHz) for readings along both baselines (east-west orientations).

A Geometrics G-816 proton magnetometer was used for field magnetic readings and a Geometrics G-856 proton magnetometer was used for base station readings. Both instruments record total magnetic field intensity. Field magnetic readings were corrected for diurnal variation using base station data.

A moderate to strong east-west trending VLF conductor was located crossing lines 93+00W to 100+00W between stations 47+50N and 49+40N. This conductor coincides with anomalous gold geochemical values in soils attained on lines 98+00W and 99+00W. Several other conductors require further interpretation.

Geophysical data and a discussion of the results are presented in a separate report included in the appendix. Magnetometer contours and VLF-EM profiles and a geophysical interpretation map are included in Figures CL-85-5 and CL-85-6.

GEOCHEMISTRY

Ten silt, seven panned concentrate, 94 rock and 736 soil samples were collected during the program. Silt, panned concentrate and soil samples were screened and the minus 80 mesh fraction was analysed for gold by atomic absorption and for 28 elements by I.C.P. Rock samples were crushed and pulverized and the minus 100 mesh fraction was analysed for gold by fire assay with an A.A. finish and for 28 elements by I.C.P. All analyses were performed by VanGeochem Lab Ltd. of North Vancouver, B.C.

Silt samples were collected from streams on the property. Results for gold varied from not detected to 15 ppb. None of these samples were considered to be anomalous.

Soil samples were collected on both grids at 50 m intervals along the north-south lines. The baselines were not sampled. The entire north grid was sampled. On the south grid, all of lines 88+00W to 102+00W were sampled, as well as line 103+00W north of the baseline. Soil samples were collected from the B horizon with collection depth averaging 25 cm.

Gold values varied from not detected to 370 ppb in soils. In association with some of these high gold values are several coincident multi-element anomalies. Of particular interest are those anomalies located on lines 98+00W and 100+00W where several anomalous gold values have produced a target for further work. In addition, multi-element (gold included) anomalies are present on the north grid at 86+00W, 73+00N and on line 84+00W at stations 73+50N and 74+00N. This north grid anomalous trend may possibly extend to the northeast therefore warranting further investigation.

An 8 element statistical summary for both grids follows:

Element	Number of Samples	Mean	Anomalous* Threshold	No. of Samples \geq Threshold	Max. Value
Au	736	7.18	38.79	20	370 ppb
Ag	736	0.38	0.895	13	8.1 ppm
As	736	10.16	42.48	10	506 ppm
Ba	736	90.21	149.12	31	570 ppm
Co	736	12.72	23.08	36	51 ppm
Cu	736	45.155	136.92	32	933 ppm
Pb	736	10.61	24.94	20	159 ppm
Zn	736	111.72	216.15	36	631 ppm

* Anomalous threshold = mean + 2 (standard deviations)

The results of stream and soil samples are shown in Figure CL-85-4a & b.

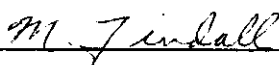
CONCLUSION

The Christmas claims are underlain by upper Triassic to lower Jurassic Nicola Group basalts, tuffs and volcanoclastic sediments. This package of rocks has been intruded by a hornblende diorite stock and associated sills and dykes. The exploration target on the Christmas property is a bulk tonnage disseminated gold deposit similar to the deposits within the Quesnel Trough, i.e. the Q.R. deposit.

During the 1985 exploration program, several anomalous gold trends were delineated from soils taken along grid lines; the highest value reported was 370 ppb. In addition to the soils, other anomalous samples taken during the program included one panned concentrate sample which returned a gold value of 525 ppb and several rock samples with assayed values ranging between 240 and 3,550 ppb gold. Coincident with some of the anomalous soil trends are several geophysical conductors. These occurrences require additional investigation to ascertain mineral potential.

A program of tight grid control over the main showing (lines 98+00W to 99+00W) should consist of 3.6 kilometers of new geochemical grid lines with 25 meter sample spacings. The extension of several geochemical grid lines north of the anomalous gold trend located on lines 84+00W and 86+00W in the north grid is required to complete the investigation of this area. This would constitute the initial phase of the follow-up work. Trenching and percussion drilling would be required to further delineate these anomalous gold trends. Cost of this program would be about \$75,000.

Respectfully Submitted


Mark Tirdall


Rodney Arnold

APPENDIX

GEOPHYSICAL SURVEY REPORT

Dated October, 1985

By: E.R. Rockel
Interpretex Resources Ltd.

file name: RPT85608

REPORT ON
ELECTROMAGNETIC
AND
TOTAL FIELD MAGNETIC SURVEYS

ON THE
CHRISTMAS PROPERTIES
CLINTON MINING DIVISION
CANIM LAKE, BRITISH COLUMBIA

FOR
E&B EXPLORATIONS INC.

BY
INTERPRETEX RESOURCES LTD.

Vancouver, B.C.
October, 1985

Project #85608
E. R. Rockel

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1. SUMMARY

North grid strong anomaly systems may represent shallow structural bedrock conductors. Weaker conductors may be due to smaller structure or overburden. Magnetic zones "A" and "B" may reflect more basic rock.

South grid magnetic zones "C", "D" and "E" contain steeper and shorter wavelength magnetic gradients possibly depicting magnetic rock which is different from that in the north grid. One of two strong conductor systems in the south grid, found in an inactive magnetic region of the south grid, may represent a fault. Smaller intersecting conductors may reflect complementary faults. A second strong conductor system is partly contiguous with a magnetic boundary of zone "E" (possibly a contact) and is considered a favourable sulphide target.

An inexpensive vertical loop system should be employed to determine conductance, verify a bedrock source and locate conductors for drilling. Drilling or trenching of conductors should be contingent upon supportive geological and geochemical information.

The strong conductor systems within the north grid and the south grid are considered most important for additional exploration, especially the the strong portion of the south grid conductor contiguous with the interpreted magnetic rock boundary.

2. INTRODUCTION

2.1 General

This report pertains to a VLF electromagnetic and total field magnetic survey program carried out on the Christmas project properties, near Canim Lake, B.C., (Figure #1), during July, 1985. Survey was performed on two grid areas with lines at 100 meter intervals as shown on grid plan maps. In order to facilitate its use, portions of this report have been presented in abbreviated point form.

2.2 Objectives

- to determine the location of conductors on the ground and to assess their significance
- to examine the magnetic environment within the survey area
- to suggest additional exploration, where warranted, on various EM conductors delineated on the ground.

2.3 Method

A combined VLF electromagnetic and base station controlled total field magnetic survey program was undertaken to fulfil the stated objectives.

2.4 Access

Access to the properties was via four wheel drive truck on provincial secondary roads and forestry roads.

2.5 Operations and Communications

- personnel were mobilized from Moorehead Lake, B.C. by truck to Canim Lake, B.C., about 6 km. from the survey areas
- food and accommodation for all personnel was obtained at the Minac Lodge in the community of Eagle Creek, B.C.
- a land line telephone at the Lodge provided normal communications

2.6 Physiography

Vegetation ranged from thick bush to logged areas. Topography in the survey areas was mainly moderate to flat.

3. SURVEY SPECIFICATIONS

3.1 Survey Parameters

- survey line separation - 100 meters as per grid plan maps
- survey station spacing - 25 m. and 50 m. according to detail required and as shown on grid plan maps
- horizontal control - lines were surveyed by compass and hip chain with estimated slope corrections
 - semi-recoverable stations were located using felt pen markings on flagging tied to bushes and trees
- base line directions - east-west
- survey lines were north-south (perpendicular to base lines)
- readings from both Annapolis and Seattle VLF transmitters were recorded where appropriate
- survey totals :

	Grid	Magnetic	VLF EM
	North	12.80 km.	12.80 km.
	South	25.10 km.	25.10 km.
		-----	-----
	TOTAL	37.90 km.	37.90 km.

3.2 Equipment Parameters

VLF Electromagnetic Survey

- transmitting stations - Annapolis, Maryland
 - Seattle, Washington
- in-phase (dip angle) and out-of-phase (quadrature) components measured in percent at each station

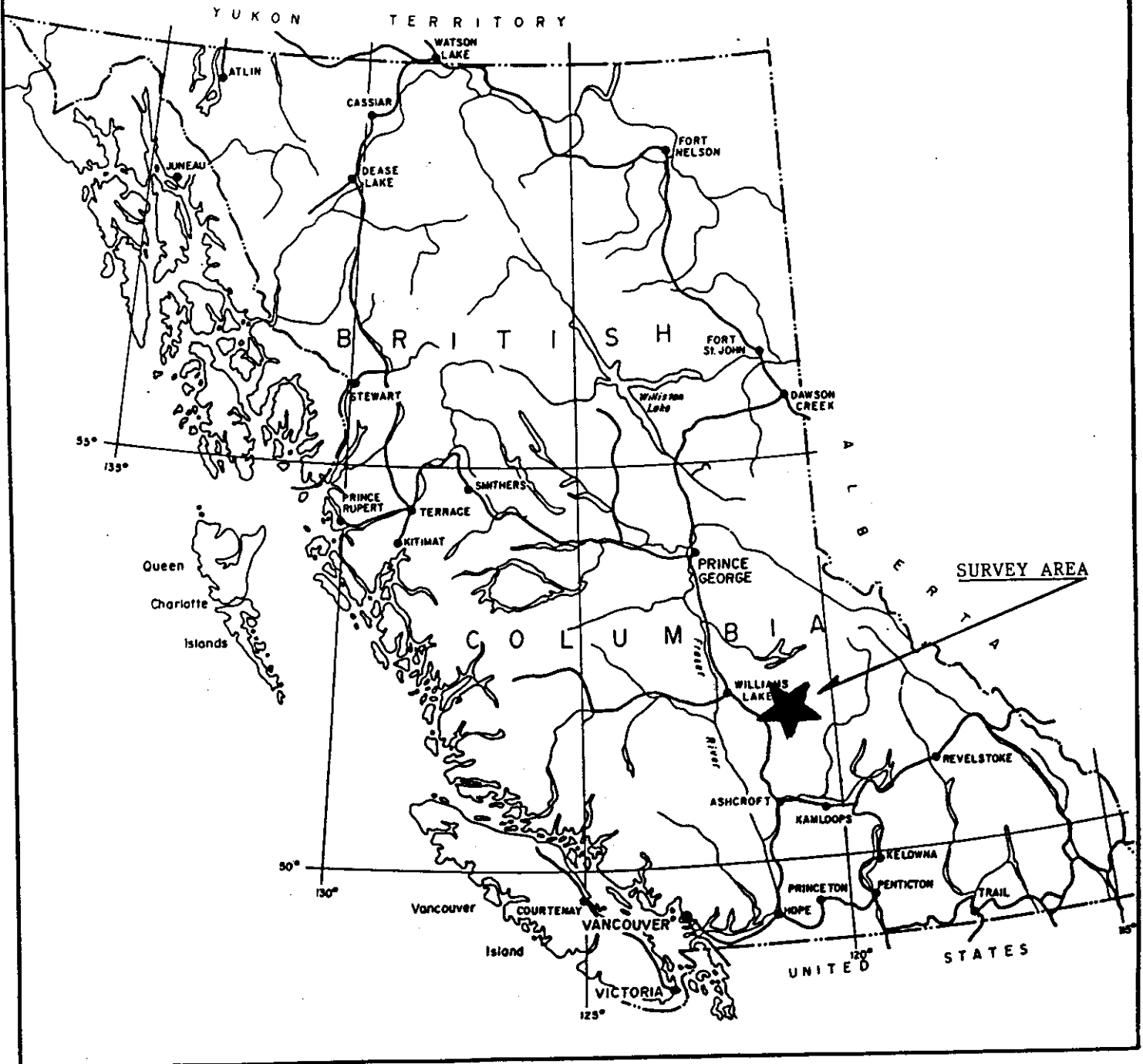
E&B EXPLORATIONS INC.

LOCATION MAP

TO ACCOMPANY REPORT BY E.R. ROCKEL

IR INTERPRETEX
RESOURCES LTD.

SCALE:	DATE: Oct/85
PROJECT 85608	FIGURE NO.: 1
N.T.S.	DRAWN BY



- direction faced : Annapolis - northerly
Seattle - easterly

Magnetic Survey

- measured total magnetic field
- magnetic variations controlled by magnetic base station recording every 30 seconds
- instrument accuracy +/- 1 gamma
- station repeatability +/- 3 gammas in low gradient

3.3 Equipment Specifications - see Appendix II

4. DATA

4.1 Calculations

VLF Electromagnetic Survey

Fraser Filter values (after Fraser, 1969) and first derivative values (after Whittles, 1969) were calculated for in-phase readings from Annapolis and Seattle transmitters for all lines in the South Grid. First derivative values only were calculated in the North Grid, but were calculated at 25 meter and 50 meter station intervals.

Total Field Magnetic Survey

Total field magnetic readings were individually corrected for variations in the earth's magnetic field using magnetic base station values recorded at the same time. The effects of changes in magnetic content of operator's clothing or different batteries used in the magnetometer were controlled by re-occupying operator field base stations each day during the survey. An "operator adjust" correction was then applied where appropriate.

4.2 Presentation

- total magnetic field values are posted on plan maps at a scale of 1:5000
- VLF EM in-phase readings plus calculated Fraser Filter and first derivative values are presented in Appendix III in the form of tables showing values located with respect to line number and station number
- rough contours of Fraser Filter and/or 1st derivative values in Appendix III were used as a guide during the interpretation of the VLF EM profiles but are not displayed in this report
- VLF EM in-phase and out-of-phase readings are presented in profile form on plan maps at a scale of 1:5000
- magnetic data from both grids are presented as contours on a plan map at a scale of 1:5000

- magnetic contour interval in the north grid is 25 gammas whereas the south grid contour interval is 100 gammas
- geophysical interpretation of the VLF EM and magnetic data is presented on a plan map at a scale of 1:5000.

5. INTERPRETATION

5.1 Discussion of Results

Although on this project topography was not severe, a topographic effect can be evident in VLF EM data in the form of a positive bias in the readings when facing up hill and negative when facing down hill. Most of the effect of topography is filtered out when the Fraser and first derivative filters are applied to the in-phase data. Both the filtered values and VLF EM profiles were used in this report to interpret the VLF EM data on all grids. Mainly character matching provided the means for continuing conductive trends.

Overburden could be a problem in this region because of the possibility of clay layers and the lack of information about overburden depth.

A detailed interpretation of magnetic profiles was not considered appropriate in this report due to a lack of geological information at the time of writing. The writer believes that correlation with known geology by the geologist would produce more meaningful information. Some significant magnetic zones were delineated and could be used to identify geological phenomena as well as assist in the interpretation of the VLF EM data. Larger magnetic gradients in the south grid made it necessary to contour at 100 gammas rather than 25 gammas as in the north grid.

5.2 Conclusions

5.2.1 North Grid

The strong anomalies forming long conductor systems shown in the north grid may represent conductors which are structurally controlled. Magnetic contours indicate that the strong conductor systems coincide with magnetic lows or magnetically inactive areas. These conductors are believed to be within bedrock but shallow and of moderate to low conductance. Other weaker anomalies and conductor systems may be due to smaller structural features or overburden material such as swamps, stream beds or clay layers.

Two magnetic zones "A" and "B" have been outlined in this grid on the Geophysical Interpretation Map. These zones show higher magnetic activity and probably reflect a more basic rock type near surface.

5.2.2 South Grid

The larger south grid exhibits a more complex magnetic and electromagnetic environment than the north grid. Three magnetic zones, "C", "D" and "E", outline regions of high magnetism. Magnetic gradients within these zones are generally steeper and of shorter wavelength than in the south grid possibly indicating a difference in magnetic rock types between the two grids. The magnetic rocks are probably near surface and/or outcropping in this area.

Two strong conductor systems can be seen in the south grid area. The most northerly strong system is long, near surface and shows moderate to low conductance. It occurs in a region of low magnetic activity and may represent a fault. Other conductors appear to intersect the main system and could be conceived as faults which are complementary to the main interpreted fault.

The second strong conductor system can be seen in the southern half of the south grid. This conductor seems to be contiguous with the interpreted boundary of magnetic zone "E" and is strongest in this region. If the magnetic boundary indicates a contact then this would be the area considered as most favourable for sulphide mineralization.

Other conductor systems in the area may be related to smaller bedrock conductors or due to overburden material. Those within the magnetic zones are believed to be the most favourable exploration targets.

6. RECOMMENDATIONS

In all cases on both grids the strongest conductors and those within magnetic zones should be checked first using a simple and inexpensive electromagnetic method such as vertical loop. A light and portable instrument such as the McPhar VHEM should be sufficient to determine conductance, verify that anomalies are bedrock conductors and locate conductor current axes more accurately. These data can then provide a location for drilling conductors that prove interesting. Further exploration by drilling or trenching of conductors found in the present survey should be contingent upon supportive geological and geochemical information.

The most important conductors for additional exploration, based on geophysical attributes, are:

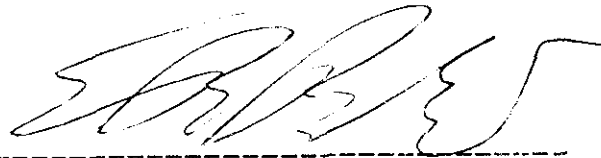
- North Grid - the strong conductor system coincident with a magnetic low within magnetic zone "B"
 - the two strong systems in the magnetically inactive region

- South Grid - the strong portion of the conductor contiguous with the interpreted boundary of magnetic zone "E"
 - the strong conductor interpreted as a fault
 - conductors within magnetic zones.

Respectfully submitted

INTERPRETEX RESOURCES LTD.

Vancouver, British Columbia

A handwritten signature in black ink, appearing to read 'E. R. Rockel', written over a horizontal dashed line.

E. R. ROCKEL

Consulting Geophysicist

THE ASSOCIATION OF
PROFESSIONAL ENGINEERS,
GEOLOGISTS and GEOPHYSICISTS
OF ALBERTA
PERMIT NUMBER
P 3100
INTERPRETEX
RESOURCES LTD.

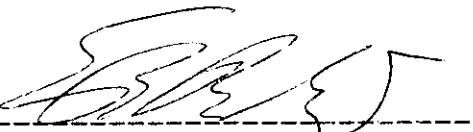
CERTIFICATE

I, Edwin Ross Rockel, Geophysicist of Vancouver, British Columbia, Canada, hereby certify that:

1. I received a B.Sc. degree in Geophysics from the University of British Columbia in 1966.
2. I have been practising my profession since graduation.
3. I am a Professional Geophysicist registered in the Province of Alberta.
4. I am a Professional Engineer registered in the Province of Saskatchewan.
5. I hold no direct or indirect interest in, nor expect to receive any benefits from, the mineral property or properties described in this report.

Date: Oct. 16 1985

Vancouver,
British Columbia

Signed: 

Edwin Ross Rockel
B.Sc., P.Geoph., P. Eng.

REFERENCES

1. Fraser, D.C., 1969. Contouring of VLF EM Data, Geophysics, Vol. 34, No. 6, December, 1969, Tulsa, Oklahoma.
2. Whittles, A.B.L., 1969. Prospecting with Radio Frequency EM-16 in Mountainous Regions, Western Miner, February, 1969, Vancouver, British Columbia.

APPENDIX I

Personnel

PERSONNEL

The following personnel worked on the property and were engaged in electromagnetic and magnetic survey for all or part of the days noted (includes mobilization and demobilization):

Name	Position	Dates
Gordon Sinden Calgary, Alberta	Field Geophysicist	July 8, 1985 to July 16, 1985
Ken Konkin North Vancouver, B.C.	Geologist - Geophysical Operator	July 8, 1985 to July 16, 1985

The following personnel were involved in data preparation or reporting of the project for part or all of the days noted:

Name	Position	Dates
E.R. Rockel Richmond, B.C.	Consulting Geophysicist	July 23, 24, Aug. 8, 27, 28, Oct. 8, 9, 10, 11 and 12, 1985.

APPENDIX II

Instrument Specifications

GEONICS LIMITED
VLF EM 16

Source of Primary Field: VLF transmitting stations

Transmitting Stations Used: Any desired station frequency can be supplied with the instrument in the form of plug-in tuning units. Two tuning units can be plugged in at one time. A switch selects either station.

Operating Frequency Range: About 15-25 Hz

Parameters Measured: (1) The vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid).
(2) The vertical out-of-phase (quadrature) component (the short axis of the polarization ellipsoid compared to the long axis).

Method of Reading: In-phase from a mechanical inclinometer and quadrature from a calibrated dial. Nulling by audio tone.

Scale Range: In-phase $\pm 150\%$; quadrature $\pm 40\%$

Readability: $\pm 1\%$

Reading Time: 10-40 seconds depending on signal strength

Operating Temperature Range: -40 to 50° C.

Operating controls: ON-OFF switch, battery testing push button, station selector, switch, volume control, quadrature, dial $\pm 40\%$, inclinometer dial $\pm 150\%$

Power Supply: 6 size AA (penlight) alkaline cells. Life about 200 hours

Dimensions: 42 x 14 x 9 cm (16 x 5.5 x 3.5 in)

Weight: 1.6 kg (3.5 lbs)

Instrument Supplied With: Monotonic speaker, carrying case, manual of operation, 3 station selector plug-in tuning units (additional frequencies are optional), set of batteries

Shipping Weight: 4.5 kg (10 lbs.)

Name and Address of Manufacturer: Geonics Limited
1745 Meyerside Drive/Unit 8
Mississauga, Ontario
L5T 1C5

MODEL G-816

PORTABLE PROTON MAGNETOMETER

Sensitivity: ± 1 gamma throughout range

Range: 20,000 to 90,000 gammas (worldwide)

Tuning: Multi-position switch with signal amplitude indicator light on display

Gradient Tolerance: Exceeds 800 gammas/ft

Sampling Rate: Manual pushbutton, one reading each 6 seconds

Output: 5 digit numeric display with readout directly in gammas

Power Requirements: Twelve self-contained 1.5 volt "D" cell universally available flashlight-type batteries. Charge state or replacement signified by flashing indicator light on display.

Temperature Range: Console and sensor: -40° to $+85^{\circ}\text{C}$
Battery pack: 0° to $+50^{\circ}\text{C}$ (limited use to -15°C ; lower temperature battery belt operation - optional)

Accuracy (Total Field): ± 1 gamma through 0° to $\pm 50^{\circ}\text{C}$ temperature range

Sensor: High signal, noise cancelling, interchangeably mounted on separate staff or attached to back pack

Size: Console: 3.5 x 7 x 11 inches (9 x 18 x 28 cm)
Sensor: 3.5 x 5 inches (9 x 13 cm)
Staff: 1 inch diameter x 8 ft. length
(3 cm x 2.5 m)

Weight: Console (w/batteries): 5.5lbs. 2.8kgs.
Sensor and signal cable: 4.0lbs. 1.8kgs.
Aluminum staff: 2.0lbs. 0.9kgs.
Total Weight 11.5lbs. 5.2kgs.

EG & G Canada
Exploranium/Geometrics Division
Unit #1
640 Hardwick Road
Bolton, Ontario LOP 1A0

MODEL G-856

PROTON PRECESSION MEMORY MAGNETOMETER

Display	Six digit display of magnetic field to resolution of 0.1 gamma or time to nearest second. Additional three-digit display of station or day of year.
Resolution	Typically 0.1 gamma in average conditions. May degrade to lower resolution in weak fields, noisy conditions or high gradients.
Accuracy	One gamma, limited by remnant magnetism in sensor and crystal oscillator accuracy.
Clock	Julian clock with stability of 5 seconds per month at room temperature and 5 seconds per day over the temperature range of -20 to +50 degrees Celsius.
Tuning	Push button tuning from keyboard with current value displayed on request. Tuning range 20 to 90 kilogammas.
Gradient Tolerance	Tolerates gradients to 5000 gammas/meter. When high gradients truncate count interval, maintains partial reading to an accuracy consistent with data.
Cycle Time	Complete field measurement in three seconds in normal operation. Internal switch selection for faster cycle (1.5 seconds) at reduced resolution or longer cycles.
Manual Read	Takes reading on command. Will store data in memory on command at operator's discretion.
Self-Cycle	Internal switch will cause the instrument to self-cycle, storing automatically, for time dependent measurements. Available intervals are 5, 10 and 30 seconds, 1,2,5, and 10 minutes depending on switch position.
Memory	Stores 1,000 readings in portable mode, keeping track of time and station number. In base station operation, records last four digits of field at discrete intervals, allowing storage of over 2,500 readings.
Output	Plays data out in standard RS-232 format at selectable baud rates. Also outputs data in byte parallel, character serial BCD for use with digital recorders.
Inputs	Will accept an external sample command.
Special Functions	An internal switch allows adjustment of polarization time and count time to improve performance in marginal area or improve resolution or to speed operation.

cont'd

G-856 cont'd

Physical	Instrument console: 7 x 10½ x 3½ inches (18 x 27 x 9 cm) 6 lbs (2.7 kg) Sensor: 3½ x 5 inches (9 x 13 cm) 4 lbs (1.8 kg) Staff: 1 inch x 8 feet (3 cm x 2.5 m) 2 lbs (1 kg)
Environmental	Meets specifications from 0 to 40 degrees Celsius. Operates satisfactorily from -20 to 50 degrees Celsius. Weatherproof.
Power	Operates from 8 D-cell flashlight batteries (or 12 volts external power). May be operated at 18 volts external power to improve resolution. Power failure or replacement of batteries will not cause loss of data stored in memory.
Standard Accessories	Sensor Staff Chest Harness Two sets of batteries Operating Manual Applications Manual for Portable Magnetometers
Optional Accessories	RS-232 Interface Cable Rechargeable Battery Pack (mounts inside case in place of normal batteries) and Charger Cold weather battery belt Digital Tape Recorder with Interface Cables

EG & G Canada
Exploranium/Geometrics Division
Unit #1
640 Hardwick Road
Bolton, Ontario LOP 1A0

APPENDIX III

VLF Electromagnetic Value Tables

In-phase, Fraser Filter and First Derivative Values

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Line Spacing 100 m., station interval 50 m.

GRID: Christmas - N FACING: north TRANSMITTER: Annapolis

File Name: MTRX#CS1 STATION # + = north, - = south

WINDOW: #1 In Phase values vs. Station

STA	InP L-95	InP L-94	InP L-93	InP L-92	InP L-91	InP L-90	InP L-89	InP L-88	InP L-87	InP L-86	InP L-85	InP L-84	InP L-83	InP L-82	InP L-81	InP L-80	InP L-79
	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst
7500	78	8	13	18	9	-4	-3	10	17	3	3	8	3	3	5	8	
7475	*	*	19	16	11	-18	4	*	*	3	*	*	*	2	3	*	
7450	23	16	30	6	1	-8	4	6	4	1	8	3	1	-2	0	4	
7425	●	●	25	9	1	2	*	*	*	*	*	*	*	-4	-1	*	
7400	9	16	16	9	9	4	-1	-2	2	3	5	-1	1	1	-7	-2	
7375	*	*	13	9	10	*	*	●	-2	●	*	-4	0	3	-6	-8	
7350	18	14	8	8	8	16	-7	-3	0	6	5	2	-2	4	-3	-9	
7325	*	*	0	3	15	*	-7	-2	3	*	3	1	-2	*	2	*	
7300	22	17	5	3	9	6	0	1	4	3	2	-4	1	3	1	-15	
7275	*	*	-1	0	2	*	5	*	*	*	●	-8	4	*	-3	●	
7250	14	18	0	-6	-3	-3	12	4	4	4	5	-12	6	0	-8	-17	
7225	*	*	-4	-7	-4	*	*	3	*	*	-2	2	7	4	-8	*	
7200	18	24	-5	-9	-8	-12	2	2	2	5	-2	18	17	9	-7	-11	
7175	*	*	-4	-10	-12	-6	-2	2	*	-3	15	19	34	*	-10	●	
7150	25	8	-2	-9	-13	-2	-4	-3	6	3	11	26	17	6	2	-7	
7125	*	*	3	-12	-4	6	-2	12	*	18	*	*	*	20	7	5	
7100	7	7	-1	-6	3	8	7	21	12	25	26	16	21	30	6	5	
7075	*	*	-6	-3	5	*	27	26	*	●	*	*	●	*	*	*	
7050	4	-7	-6	0	9	33	42	17	33	23	12	11	13	11	6	13	
7025	*	*	-3	8	24	*	*	*	*	*	*	*	*	9	*	*	
7000	-6	-7	2	11	36	34	23	22	17	11	5	9	9	12	8	22	
6975	*	*	9	16	36	*	*	*	*	*	-1	*	●	3	*	*	
6950	-16	2	9	15	22	17	9	5	6	1	-4	7	7	-4	6	16	
6925	*	*	-1	9	-1	9	●	1	*	-5	0	8	3	-3	*	●	
6900	-12	-9	-11	2	-5	-1	4	-6	-13	-9	1	6	1	-2	11	11	
6875	*	*	*	22	31	5	*	-14	*	-14	12	5	-7	1	*	*	
6850	25	0	*	*	26	21	-3	20	-2	17	22	6	3	6	7	11	
6825	*	*	*	*	16	*	9	*	28	*	*	●	0	7	*	●	
6800	15	26	*	*	12	11	6	5	23	30	18	7	-1	9	13	18	
6775	*	*	*	*	6	*	6	*	*	*	*	*	2	*	*	●	
6750	14	23	*	*	2	2	1	0	12	11	10	4	9	16	19	19	
6725	*	*	*	*	0	*	*	*	*	*	*	*	*	*	*	*	
6700	10	21	*	*	-8	-8	-17	-10	3	5	10	6	11	18	16	15	

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 25 m.

GRID: Christmas - N FACING: east TRANSMITTER:Seattle

File Name:MTRX#CS2 STATION # + = west, - = east

WINDOW: #2 1st Derivative value vs. Station

note: - divide 1st der. values by 100 to compare with Whittles

STA L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -

75

Nth

- 8012. ERR
- 8037. ERR
- 8062. ERR
- 8087. ERR
- 8112. ERR
- 8137. ERR
- 8162. ERR
- 8187. ERR
- 8212. ERR
- 8237. ERR
- 8262. 3
- 8287. 1
- 8312. 10
- 8337. -1
- 8362. ERR
- 8387. ERR
- 8412. -1
- 8437. -1
- 8462. 6
- 8487. 3
- 8512. ERR
- 8537. ERR
- 8562. ERR
- 8587. ERR
- 8612. ERR
- 8637. ERR
- 8662. ERR
- 8687. ERR
- 8712. ERR
- 8737. ERR
- 8762. ERR
- 8787. ERR
- 8812. 14
- 8837. -2
- 8862. -2
- 8887. -1
- 8912. 5
- 8937. 7
- 8962. ERR
- 8987. ERR
- 9012. -8
- 9037. 1
- 9062. 15
- 9087. -8
- 9112. 2
- 9137. -7

9162.	-3
9187.	-1
9212.	-5
9237.	0
9262.	2
9287.	6
9312.	6
9337.	3
9362.	ERR
9387.	ERR
9412.	ERR
9437.	ERR
9462.	ERR
9487.	ERR

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 25 & 50 m

GRID: Christmas - N FACING: east TRANSMITTER:Seattle

File Name: MTRX#CS2 STATION # + = west, - = east

WINDOW: #1 In Phase values vs. Station

STA InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP

 L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -

 75

 Nth

8000	10
8025 *	
8050	8
8075 *	
8100	5
8125 *	
8150	1
8175 *	
8200	-7
8225 *	
8250	-14
8275	-10
8300	-8
8325	7
8350	5
8375 *	
8400	3
8425	1
8450	-1
8475	7
8500	11
8525 *	
8550	13
8575 *	
8600	6
8625 *	
8650	5
8675 *	
8700	2
8725 *	
8750	-4
8775 *	
8800	-10
8825	10
8850	7
8875	4
8900	2
8925	9
8950	19
8975 *	
9000	2
9025	-9
9050	-7
9075	14
9100	3
9125	6

9150	-4
9175	-9
9200	-10
9225	-17
9250	-17
9275	-14
9300	-6
9325	2
9350	6
9375	*
9400	-20
9425	*
9450	-36
9475	*
9500	-170 near power line

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 50 m.

GRID: Christmas - N FACING: east TRANSMITTER:Seattle

File Name:MTRX#CS2 STATION # + = west, - = east

WINDOW: #3 1st Deriv. value vs. Station (note different station interval
note: - divide 1st der. values by 100 to compare with Whittles

STA L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -
 75

Nth

8025	-1
8050	ERR
8075	-1
8100	ERR
8125	-1
8150	ERR
8175	-3
8200	ERR
8225	-2
8250	ERR
8275	2
8300	6
8325	5
8350	ERR
8375	-1
8400	ERR
8425	-1
8450	2
8475	4
8500	ERR
8525	1
8550	ERR
8575	-2
8600	ERR
8625	0
8650	ERR
8675	-1
8700	ERR
8725	-2
8750	ERR
8775	-2
8800	ERR
8825	6
8850	-2
8875	-2
8900	2
8925	6
8950	ERR
8975	-6
9000	ERR
9025	-3
9050	8
9075	3
9100	-3
9125	-2
9150	-5

9175	-2
9200	-3
9225	-2
9250	1
9275	4
9300	6
9325	4
9350	ERR
9375	-9
9400	ERR
9425	-5
9450	ERR
9475	-24
9500	ERR

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Line Spacing 100 m., station interval 25 m.

GRID: Christmas - S FACING: north TRANSMITTER: Annapolis

File Name: MTRX#CS3 STATION # + = north, - = south

WINDOW: #1 In Phase values vs. Station

STA	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP	InP
	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -
	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst
5800	36	23	4	-15	-9	-4	-3	10	27	12	17	*	*	*				
5775	18	10	12	2	-5	2	-4	7	10	10	19	29	26	*				
5750	12	14	7	8	1	5	-6	-3	4	11	16	12	11	16				
5725	8	8	9	17	13	7	-5	-7	1	5	10	3	1	5				
5700	1	2	-1	13	23	9	-8	-9	-12	-1	3	-5	-7	-2				
5675	-8	-8	1	10	32	16	-5	-11	-15	-6	2	-7	-7	-2				
5650	-14	-12	-3	1	35	21	-4	-11	-6	-10	-2	-5	-6	-4				
5625	-17	-12	-4	-3	23	35	-4	-4	-16	-10	-5	-4	-4	-2				
5600	-17	-14	-8	7	10	36	-3	-7	-17	-14	-4	-4	-5	-1				
5575	-15	-12	-12	8	3	15	0	-13	-19	-17	-4	-5	-1	4				
5550	-16	-13	-8	0	4	5	6	-17	-16	-10	-7	-4	5	3				
5525	-13	-14	-7	-3	2	3	9	-16	-16	-8	-14	-2	2	6				
5500	-13	-12	-9	-4	0	8	8	-12	-10	-10	-4	2	2	11				
5475	-17	-12	-10	-9	-3	5	16	-6	-10	-20	-3	-4	2	9				
5450	-15	-7	-5	-11	-3	5	12	5	-8	-22	-12	-13	2	8				
5425	-8	-4	-7	-7	-3	2	4	10	-4	-3	-23	-14	10	8				
5400	-4	-3	-3	-5	1	-2	-2	15	7	10	-32	-10	14	6				
5375	3	3	0	-1	-3	-5	-2	13	20	11	-27	*	8	3				
5350	5	1	-2	-1	-8	-12	-6	6	16	15	*	*	5	-1				
5325	4	0	-2	-6	-10	-12	-9	0	6	19	18	11	2	-4				
5300	4	0	-6	-10	-13	-10	-13	-3	2	27	26	0	-3	-10				
5275	1	0	-7	-14	-13	-14	-17	-8	-3	13	21	-4	-6	-15				
5250	-3	-4	-8	-10	-19	-18	-18	-11	-2	8	13	-8	-9	-16				
5225	-7	-6	-12	-14	-20	-23	-19	-10	-1	2	12	-12	-8	-12				
5200	-6	-10	-16	-16	-21	-26	-14	-11	-2	2	13	-10	-16	-5				
5175	1	-5	-6	-5	-20	-22	-14	-8	-2	-3	5	-1	-31	-3				
5150	0	-5	-3	2	-9	-21	-17	-5	-3	-3	-2	6	-38	-13				
5125	0	-3	2	6	-5	-10	-12	-1	0	-11	-3	5	-25	-28				
5100	-2	-2	10	6	-2	-20	-10	-4	-2	-6	-2	-1	-11	-34				
5075	5	11	10	4	-1	-7	-6	-4	-3	-6	-2	-3	5	*				
5050	10	13	8	7	0	-4	-7	-1	-7	-10	-6	-3	17	*				
5025	17	13	8	6	0	-3	-7	-3	-11	-12	-8	-1	24	*				
5000	16	14	8	6	0	-1	-9	-12	-18	-18	-10	-6	10	27				
4975	13	11	10	6	1	-4	-16	-15	-34	-20	-17	-7	1	12				
4950	13	7	9	4	-1	-5	-16	-22	-26	-20	-16	-11	-15	3				
4925	8	6	6	3	-2	-5	-16	-24	-27	-23	-18	-10	-16	-7				
4900	7	5	4	2	-1	-6	-13	-22	-30	-26	-19	-8	-10	-2				
4875	6	3	4	2	1	-3	-13	-24	-32	-23	-17	-8	3	3				
4850	4	3	6	2	4	-3	-11	-28	-21	-20	-14	-12	1	2				
4825	-1	2	4	3	6	0	-8	-19	-10	-14	-10	-10	-8	-3				
4800	-4	-2	3	5	7	0	-4	-9	-4	-7	-9	-13	-6	-3				
4775	-6	-2	4	4	11	3	-2	-3	6	-4	3	-10	-4	1				
4750	-6	-2	5	7	13	7	0	2	4	3	7	-6	-1	2				
4725	-9	-1	3	8	13	5	4	11	4	10	4	-9	-2	1				
4700	-8	-2	2	8	12	8	7	12	8	18	6	-6	5	1				
4675	-3	-3	2	14	11	17	12	13	11	7	3	-8	2	3				

4650	-9	-4	4	9	14	21	15	14	16	2	-2	-10	0	2
4625	-8	0	5	8	13	18	18	14	16	5	-3	-8	2	8
4600	7	3	6	6	5	20	17	23	13	6	0	-7	1	5
4575	10	7	1	7	7	19	17	18	15	12	3	-7	7	7
4550	13	8	1	7	13	15	17	18	16	9	5	-7	16	11
4525	9	3	2	6	12	14	21	19	14	11	8	-1	11	15
4500	13	5	-1	10	12	22	21	18	13	10	11	-1	15	10
4475	12	9	-4	8	17	17	22	21	15	14	15	2	17	17
4450	9	7	6	9	11	17	20	16	13	13	15	0	12	15
4425	9	6	12	19	7	14	18	12	11	10	15	-1	11	6
4400	7	3	14	14	4	12	13	9	9	12	14	9	10	7
4375	2	2	9	16	7	7	11	6	10	*	14	18	24	8
4350	-1	3	16	14	8	3	6	7	8	11	16	24	19	20
4325	0	-2	19	15	8	-3	5	9	10	10	17	18	20	23
4300	-4	9	16	18	4	-3	5	10	12	15	22	25	21	20
4275	6	8	17	24	2	2	3	8	13	10	20	20	23	18
4250	3	14	16	8	1	3	8	14	12	16	22	23	15	17
4225	1	12	11	2	10	5	4	12	12	16	23	22	22	13
4200	6	10	8	2	7	6	5	11	13	12	21	18	12	16
4175	6	7	7	4	8	9	8	12	14	20	17	17	12	13
4150	5	7	4	3	8	9	11	11	18	26	16	15	11	9
4125	5	6	3	5	8	18	16	17	17	20	21	16	7	10
4100	3	7	6	2	5	18	16	15	17	18	14	14	10	11
4075	6	6	8	4	9	17	16	20	18	16	15	15	16	14
4050	7	6	8	9	11	21	16	22	14	27	15	16	10	13
4025	8	10	8	10	14	19	13	17	15	16	17	13	9	10
4000	10	12	8	6	15	22	24	17	14	18	17	9	8	6

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Line Spacing 100 m., station interval 25 m.

GRID: Christmas - S FACING: north TRANSMITTER: Annapolis

File Name: MTRX#CS3 STATION # + = north, - = south

WINDOW: #2 1st Derivative value vs. Station

note: - divide 1st der. values by 100 to compare with Whittles

STA	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -
	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88		
	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst
5787.	-12	-9	6	12	3	4	-1	-2	-11	-1	1	ERR	ERR	ERR					
5762.	-4	3	-3	4	4	2	-1	-7	-4	1	-2	-11	-10	ERR					
5737.	-3	-4	1	6	8	1	1	-3	-2	-4	-4	-6	-7	-8					
5712.	-5	-4	-7	-3	7	1	-2	-1	-9	-4	-5	-6	-6	-5					
5687.	-6	-7	1	-2	6	5	2	-1	-2	-3	-1	-1	0	0					
5662.	-4	-3	-3	-6	2	3	1	0	6	-3	-3	1	1	-1					
5637.	-2	0	-1	-3	-8	9	0	5	-7	0	-2	1	1	1					
5612.	0	-1	-3	7	-9	1	1	-2	-1	-3	1	0	-1	1					
5587.	1	1	-3	1	-5	-14	2	-4	-1	-2	0	-1	3	3					
5562.	-1	-1	3	-6	1	-7	4	-3	2	5	-2	1	4	-1					
5537.	2	-1	1	-2	-1	-1	2	1	0	1	-5	1	-2	2					
5512.	0	1	-1	-1	-1	3	-1	3	4	-1	7	3	0	3					
5487.	-3	0	-1	-3	-2	-2	6	4	0	-7	1	-4	0	-1					
5462.	1	3	3	-1	0	0	-3	8	1	-1	-6	-6	0	-1					
5437.	5	2	-1	3	0	-2	-6	3	3	13	-7	-1	6	0					
5412.	3	1	3	1	3	-3	-4	3	8	9	-6	3	3	-1					
5387.	5	4	2	3	-3	-2	0	-1	9	1	3	ERR	-4	-2					
5362.	1	-1	-1	0	-3	-5	-3	-5	-3	3	ERR	ERR	-2	-3					
5337.	-1	-1	0	-3	-1	0	-2	-4	-7	3	ERR	ERR	-2	-2					
5312.	0	0	-3	-3	-2	1	-3	-2	-3	5	5	-8	-3	-4					
5287.	-2	0	-1	-3	0	-3	-3	-3	-3	-9	-3	-3	-2	-3					
5262.	-3	-3	-1	3	-4	-3	-1	-2	1	-3	-5	-3	-2	-1					
5237.	-3	-1	-3	-3	-1	-3	-1	1	1	-4	-1	-3	1	3					
5212.	1	-3	-3	-1	-1	-2	3	-1	-1	0	1	1	-6	5					
5187.	5	3	7	8	1	3	0	2	0	-3	-6	6	-10	1					
5162.	-1	0	2	5	8	1	-2	2	-1	0	-5	5	-4	-7					
5137.	0	1	3	3	3	7	3	3	2	-6	-1	-1	8	-10					
5112.	-1	1	6	0	2	-7	1	-2	-1	3	1	-4	9	-4					
5087.	5	9	0	-1	1	9	3	0	-1	0	0	-1	11	ERR					
5062.	3	1	-1	2	1	2	-1	2	-3	-3	-3	0	8	ERR					
5037.	5	0	0	-1	0	1	0	-1	-3	-1	-1	1	5	ERR					
5012.	-1	1	0	0	0	1	-1	-6	-5	-4	-1	-3	-9	ERR					
4987.	-2	-2	1	0	1	-2	-5	-2	-10	-1	-5	-1	-6	-10					
4962.	0	-3	-1	-1	-1	-1	0	-5	5	0	1	-3	-11	-6					
4937.	-3	-1	-2	-1	-1	0	0	-1	-1	-2	-1	1	-1	-7					
4912.	-1	-1	-1	-1	1	-1	2	1	-2	-2	-1	1	4	3					
4887.	-1	-1	0	0	1	2	0	-1	-1	2	1	0	9	3					
4862.	-1	0	1	0	2	0	1	-3	7	2	2	-3	-1	-1					
4837.	-3	-1	-1	1	1	2	2	6	7	4	3	1	-6	-3					
4812.	-2	-3	-1	1	1	0	3	7	4	5	1	-2	1	0					
4787.	-1	0	1	-1	3	2	1	4	7	2	8	2	1	3					
4762.	0	0	1	2	1	3	1	3	-1	5	3	3	2	1					
4737.	-2	1	-1	1	0	-1	3	6	0	5	-2	-2	-1	-1					
4712.	1	-1	-1	0	-1	2	2	1	3	5	1	2	5	0					
4687.	3	-1	0	4	-1	6	3	1	2	-8	-2	-1	-2	1					
4662.	-4	-1	1	-3	2	3	2	1	3	-3	-3	-1	-1	-1					

4637.	1	3	1	-1	-1	-2	2	0	0	2	-1	1	1	4
4612.	10	2	1	-1	-6	1	-1	6	-2	1	2	1	-1	-2
4587.	2	3	-3	1	1	-1	0	-3	1	4	2	0	4	1
4562.	2	1	0	0	4	-3	0	0	1	-2	1	0	6	3
4537.	-3	-3	1	-1	-1	-1	3	1	-1	1	2	4	-3	3
4512.	3	1	-2	3	0	5	0	-1	-1	-1	2	0	3	-3
4487.	-1	3	-2	-1	3	-3	1	2	1	3	3	2	1	5
4462.	-2	-1	7	1	-4	0	-1	-3	-1	-1	0	-1	-3	-1
4437.	0	-1	4	7	-3	-2	-1	-3	-1	-2	0	-1	-1	-6
4412.	-1	-2	1	-3	-2	-1	-3	-2	-1	1	-1	7	-1	1
4387.	-3	-1	-3	1	2	-3	-1	-2	1	ERR	0	6	9	1
4362.	-2	1	5	-1	1	-3	-3	1	-1	ERR	1	4	-3	8
4337.	1	-3	2	1	0	-4	-1	1	1	-1	1	-4	1	2
4312.	-3	8	-2	2	-3	0	0	1	1	3	3	5	1	-2
4287.	7	-1	1	4	-1	3	-1	-1	1	-3	-1	-3	1	-1
4262.	-2	4	-1	-11	-1	1	3	4	-1	4	1	2	-5	-1
4237.	-1	-1	-3	-4	6	1	-3	-1	0	0	1	-1	5	-3
4212.	3	-1	-2	0	-2	1	1	-1	1	-3	-1	-3	-7	2
4187.	0	-2	-1	1	1	2	2	1	1	5	-3	-1	0	-2
4162.	-1	0	-2	-1	0	0	2	-1	3	4	-1	-1	-1	-3
4137.	0	-1	-1	1	0	6	3	4	-1	-4	ERR	1	-3	1
4112.	-1	1	2	-2	-2	0	0	-1	0	-1	ERR	-1	2	1
4087.	2	-1	1	1	3	-1	0	3	1	-1	1	1	4	2
4062.	1	0	0	3	1	3	0	1	-3	7	0	1	-4	-1
4037.	1	3	0	1	2	-1	-2	-3	1	-7	1	-2	-1	-2
4012.	1	1	0	-3	1	2	7	0	-1	1	0	-3	-1	-3

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE, 1st DERIVATIVE and FRASER FILTER Values
 EM-16 In Phase values in %, Line Spacing 100 m., station interval 25 m.

GRID: Christmas - S FACING: north TRANSMITTER: Annapolis

File Name: MTRX#CS3 STATION # + = north, - = south

WINDOW: #3 Fraser Filter value vs. Station

STA	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -	L -
104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88		
Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst	Wst
5762.	-19	-6	0	22	16	8	-2	-15	-18	-3	-6	ERR	ERR	ERR				
5737.	-12	-8	-6	11	23	5	-2	-11	-14	-10	-12	-24	-24	ERR				
5712.	-15	-16	-9	-1	23	7	-1	-6	-18	-13	-12	-15	-15	-14				
5687.	-18	-17	-6	-11	17	12	2	-3	-6	-11	-7	-6	-4	-5				
5662.	-14	-10	-4	-14	2	17	3	3	3	-7	-7	2	2	-1				
5637.	-7	-3	-6	-4	-18	18	1	6	-7	-5	-5	2	2	2				
5612.	-1	-1	-7	10	-25	-3	3	-3	-8	-6	-1	0	2	5				
5587.	2	1	-5	2	-15	-28	7	-11	-1	-2	-1	-1	7	6				
5562.	2	-1	3	-10	-4	-24	10	-7	2	7	-7	2	7	3				
5537.	3	-1	2	-9	-3	-5	6	1	5	5	-4	5	0	6				
5512.	-1	2	-2	-6	-5	3	5	8	7	-7	8	2	-2	6				
5487.	-3	4	1	-7	-5	-1	6	15	5	-13	2	-10	0	0				
5462.	4	7	4	-3	-2	-3	-5	19	5	3	-16	-14	5	-2				
5437.	11	7	3	5	2	-6	-15	15	12	28	-22	-4	11	-2				
5412.	13	6	5	7	2	-8	-11	7	22	26	-13	ERR	6	-4				
5387.	11	6	5	6	-5	-10	-6	-3	19	11	ERR	ERR	-6	-7				
5362.	6	1	-1	-1	-9	-10	-6	-13	-3	7	ERR	ERR	-9	-8				
5337.	0	-2	-3	-8	-7	-3	-8	-13	-16	11	ERR	ERR	-8	-9				
5312.	-2	-1	-5	-10	-5	0	-8	-10	-13	3	ERR	ERR	-9	-11				
5287.	-6	-2	-4	-5	-5	-6	-7	-9	-7	-14	-6	-13	-8	-10				
5262.	-9	-6	-4	0	-7	-9	-4	-6	-1	-17	-12	-9	-5	-2				
5237.	-6	-7	-7	-3	-5	-9	1	-1	1	-10	-5	-6	-5	8				
5212.	3	-3	-1	2	-1	-4	5	1	-1	-6	-4	5	-17	11				
5187.	8	3	11	15	7	3	1	5	-1	-6	-13	15	-24	1				
5162.	3	4	12	17	15	9	-1	7	1	-7	-13	13	-9	-18				
5137.	-2	3	12	9	12	7	5	5	2	-6	-5	-1	18	-25				
5112.	2	10	12	1	6	2	7	-1	-1	1	1	-9	31	ERR				
5087.	10	17	3	-1	3	11	5	0	-5	1	-2	-6	33	ERR				
5062.	14	10	-2	2	2	11	1	2	-7	-6	-6	0	27	ERR				
5037.	10	2	-1	1	1	4	-2	-6	-11	-8	-6	-1	7	ERR				
5012.	1	-1	1	-1	1	1	-6	-13	-19	-9	-7	-5	-17	ERR				
4987.	-4	-5	2	-1	0	-3	-9	-12	-17	-6	-8	-6	-27	ERR				
4962.	-5	-7	-2	-3	-2	-3	-4	-11	-1	-3	-4	-5	-24	-24				
4937.	-6	-4	-5	-3	-2	-1	2	-5	2	-5	-2	0	-7	-14				
4912.	-5	-3	-4	-2	2	1	3	0	-5	-3	-1	3	14	3				
4887.	-3	-3	0	-1	5	3	3	-3	2	3	3	-1	17	8				
4862.	-6	-2	1	1	6	3	4	0	17	8	7	-3	0	-1				
4837.	-9	-3	-2	2	5	3	7	13	22	12	7	-2	-10	-6				
4812.	-7	-5	-2	2	5	3	7	20	19	13	10	-1	-2	-1				
4787.	-4	-2	1	2	6	6	6	15	14	11	17	4	5	5				
4762.	-3	1	1	3	5	5	6	14	3	14	10	5	4	3				
4737.	-3	1	-2	3	1	2	7	14	1	16	0	1	5	-1				
4712.	2	-1	-2	4	-2	7	9	7	6	7	-1	1	6	1				
4687.	3	-2	1	4	0	14	9	2	9	-11	-5	-2	-1	2				
4662.	-3	1	3	-3	2	8	8	2	7	-10	-8	-2	-3	3				
4637.	6	6	3	-5	-4	0	4	6	1	1	-2	2	1	5				

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 25 & 50 m

GRID: Christmas - S FACING: east TRANSMITTER: Seattle

File Name: MTRX#CS4 STATION # + = west, - = east

WINDOW: #1 In Phase values vs. Station

STA InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP InP

 L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -

 50

 Nth

9100	14
9125 *	
9150	2
9175 *	
9200	8
9225 *	
9250	5
9275 *	
9300	0
9325 ●	
9350	-4
9375 *	
9400	-4
9425 ●	
9450	-4
9475 *	
9500	-8
9525 *	
9550	0
9575 *	
9600	-3
9625 *	
9650	-8
9675 *	
9700	-16
9725 *	
9750	-11
9775 *	
9800	-15
9825 *	
9850	-13
9875	-11
9900	-8
9925	1
9950	11
9975 *	
10000	12
10025 *	
10050	16
10075 *	
10100	13
10125 *	
10150	8
10175 *	
10200	10
10225 *	

10250	8
10275 *	
10300	6
10325	5
10350	2
10375 *	
10400	8

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 25 m.

GRID: Christmas - S FACING: east TRANSMITTER: Seattle

File Name: MTRX#CS4 STATION # + = west, - = east

WINDOW: #2 1st Derivative value vs. Station

note: - divide 1st der. values by 100 to compare with Whittles

STA L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -

50
Nth

- 9112. ERR
- 9137. ERR
- 9162. ERR
- 9187. ERR
- 9212. ERR
- 9237. ERR
- 9262. ERR
- 9287. ERR
- 9312. ERR
- 9337. ERR
- 9362. ERR
- 9387. ERR
- 9412. ERR
- 9437. ERR
- 9462. ERR
- 9487. ERR
- 9512. ERR
- 9537. ERR
- 9562. ERR
- 9587. ERR
- 9612. ERR
- 9637. ERR
- 9662. ERR
- 9687. ERR
- 9712. ERR
- 9737. ERR
- 9762. ERR
- 9787. ERR
- 9812. ERR
- 9837. ERR
- 9862. 1
- 9887. 2
- 9912. 6
- 9937. 7
- 9962. ERR
- 9987. ERR
- 10012 ERR
- 10037 ERR
- 10062 ERR
- 10087 ERR
- 10112 ERR
- 10137 ERR
- 10162 ERR
- 10187 ERR
- 10212 ERR
- 10237 ERR

10262 ERR
10287 ERR
10312 -1
10337 -2
10362 ERR
10387 ERR
10412 ERR

INTERPRETEX RESOURCES LTD.

VLF EM Matrix for IN-PHASE & 1st DERIVATIVE Values

EM-16 In Phase values in %, Base Line Survey, station interval 50 m.

GRID: Christmas - S FACING: east TRANSMITTER: Seattle

File Name: MTRX#CS4 STATION # + = west, - = east

WINDOW: #3 1st Deriv. value vs. Station (note different station interval

note: - divide 1st der. values by 100 to compare with Whittles

STA	L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L - L -
	50
	Nth
9125	-4
9150	ERR
9175	2
9200	ERR
9225	-1
9250	ERR
9275	-2
9300	ERR
9325	-1
9350	ERR
9375	0
9400	ERR
9425	0
9450	ERR
9475	-1
9500	ERR
9525	3
9550	ERR
9575	-1
9600	ERR
9625	-2
9650	ERR
9675	-3
9700	ERR
9725	2
9750	ERR
9775	-1
9800	ERR
9825	1
9850	ERR
9875	2
9900	4
9925	7
9950	ERR
9975	0
10000	ERR
10025	1
10050	ERR
10075	-1
10100	ERR
10125	-2
10150	ERR
10175	1
10200	ERR
10225	-1
10250	ERR

10275 -1
10300 ERR
10325 -1
10350 ERR
10375 2
10400 ERR

APPENDIX IV

Field Magnetic Corrections Worksheets

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAGBL75N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -2
 AREA RANGE VALUE: 57000

LINE # 100 W
 AREA: XMAS NORTH
 DATE: JULY 9, 1985

STATION INTERVAL: 25 & 50 m. STATIONS West = +, East = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
9500	57847	2	57896	57845	896	845
9475	ERR	ERR	ERR	ERR		
9450	57817	1	57897	57816	897	816
9425	ERR	ERR	ERR	ERR		
9400	57822	1	57897	57821	897	821
9375	ERR	ERR	ERR	ERR		
9350	57803	1	57897	57802	897	802
9325	ERR	ERR	ERR	ERR		
9300	57787	1	57897	57786	897	786
9275	57799	2	57896	57797	896	797
9250	57754	2	57896	57752	896	752
9225	57716	2	57896	57714	896	714
9200	57763	2	57896	57761	896	761
9175	57772	2	57896	57770	896	770
9150	57803	3	57895	57800	895	800
9125	57764	3	57895	57761	895	761
9100	57771	2	57896	57769	896	769
9075	57757	3	57895	57754	895	754
9050	57747	3	57895	57744	895	744
9025	57795	3	57895	57792	895	792
9000	57798	3	57895	57795	895	795
8975	ERR	ERR	ERR	ERR		
8950	57785	3	57895	57782	895	782
8925	ERR	ERR	ERR	ERR		
8900	57737	3	57895	57734	895	734
8875	ERR	ERR	ERR	ERR		
8850	57714	3	57895	57711	895	711
8825	ERR	ERR	ERR	ERR		
8800	57725	3	57895	57722	895	722
8775	ERR	ERR	ERR	ERR		
8750	57697	2	57896	57695	896	695
8725	ERR	ERR	ERR	ERR		
8700	57818	2	57896	57816	896	816
8675	ERR	ERR	ERR	ERR		
8650	57770	2	57896	57768	896	768
8625	ERR	ERR	ERR	ERR		
8600	57759	2	57896	57757	896	757
8575	ERR	ERR	ERR	ERR		
8550	57872	2	57896	57870	896	870
8525	ERR	ERR	ERR	ERR		
8500	57772	2	57896	57770	896	770
8475	ERR	ERR	ERR	ERR		
8450	57751	1	57897	57750	897	750
8425	ERR	ERR	ERR	ERR		
8400	57914	1	57897	57913	897	913

8375	ERR	ERR	ERR	ERR		
8350	57721	1	57897	57720	897	720
8325	ERR	ERR	ERR	ERR		
8300	57642	1	57897	57641	897	641
8275	ERR	ERR	ERR	ERR		
8250	57674	1	57897	57673	897	673
8225	ERR	ERR	ERR	ERR		
8200	57637	1	57897	57636	897	636
8175	ERR	ERR	ERR	ERR		
8150	57719	1	57897	57718	897	718
8125	ERR	ERR	ERR	ERR		
8100	57708	0	57898	57708	898	708
8075	ERR	ERR	ERR	ERR		
8050	57784	0	57898	57784	898	784
8025	ERR	ERR	ERR	ERR		
8000	57624	0	57898	57624	898	624

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG80W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -2
 AREA RANGE VALUE: 57000

LINE # 80 W
 AREA: XMAS NORTH
 DATE: JULY 9, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57623	-15	57913	57638	913	638
7475	ERR	ERR	ERR	ERR		
7450	57928	-15	57913	57943	913	943
7425	ERR	ERR	ERR	ERR		
7400	57937	-16	57914	57953	914	953
7375	ERR	ERR	ERR	ERR		
7350	57831	-16	57914	57847	914	847
7325	ERR	ERR	ERR	ERR		
7300	57832	-16	57914	57848	914	848
7275	ERR	ERR	ERR	ERR		
7250	57830	-16	57914	57846	914	846
7225	ERR	ERR	ERR	ERR		
7200	57781	-16	57914	57797	914	797
7175	ERR	ERR	ERR	ERR		
7150	57790	-17	57915	57807	915	807
7125	ERR	ERR	ERR	ERR		
7100	57776	-17	57915	57793	915	793
7075	ERR	ERR	ERR	ERR		
7050	57794	-17	57915	57811	915	811
7025	ERR	ERR	ERR	ERR		
7000	57836	-17	57915	57853	915	853
6975	ERR	ERR	ERR	ERR		
6950	57817	-18	57916	57835	916	835
6925	ERR	ERR	ERR	ERR		
6900	57973	-18	57916	57991	916	991
6875	ERR	ERR	ERR	ERR		
6850	57834	-19	57917	57853	917	853
6825	ERR	ERR	ERR	ERR		
6800	57962	-19	57917	57981	917	981
6775	ERR	ERR	ERR	ERR		
6750	57771	-19	57917	57790	917	790
6725	ERR	ERR	ERR	ERR		
6700	57698	-19	57917	57717	917	717

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG81W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 81 W
 AREA: XMAS NORTH
 DATE: JULY 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57706	-1	57895	57707	895	707
7475	ERR	ERR	ERR	ERR		
7450	57719	-1	57895	57720	895	720
7425	ERR	ERR	ERR	ERR		
7400	57788	0	57894	57788	894	788
7375	ERR	ERR	ERR	ERR		
7350	57796	-1	57895	57797	895	797
7325	ERR	ERR	ERR	ERR		
7300	57709	0	57894	57709	894	709
7275	ERR	ERR	ERR	ERR		
7250	57796	-1	57895	57797	895	797
7225	ERR	ERR	ERR	ERR		
7200	57860	-1	57895	57861	895	861
7175	ERR	ERR	ERR	ERR		
7150	57746	-1	57895	57747	895	747
7125	ERR	ERR	ERR	ERR		
7100	57761	-1	57895	57762	895	762
7075	ERR	ERR	ERR	ERR		
7050	57742	-1	57895	57743	895	743
7025	ERR	ERR	ERR	ERR		
7000	57725	-1	57895	57726	895	726
6975	ERR	ERR	ERR	ERR		
6950	57784	0	57894	57784	894	784
6925	ERR	ERR	ERR	ERR		
6900	57862	0	57894	57862	894	862
6875	ERR	ERR	ERR	ERR		
6850	57818	-1	57895	57819	895	819
6825	ERR	ERR	ERR	ERR		
6800	57840	-1	57895	57841	895	841
6775	ERR	ERR	ERR	ERR		
6750	57845	-1	57895	57846	895	846
6725	ERR	ERR	ERR	ERR		
6700	57733	-1	57895	57734	895	734

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG82W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 82 W
 AREA: XMAS NORTH
 DATE: JULY 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57638	-1	57895	57639	895	639
7475	ERR	ERR	ERR	ERR		
7450	57784	-1	57895	57785	895	785
7425	ERR	ERR	ERR	ERR		
7400	57836	-2	57896	57838	896	838
7375	ERR	ERR	ERR	ERR		
7350	57838	-2	57896	57840	896	840
7325	ERR	ERR	ERR	ERR		
7300	57818	-2	57896	57820	896	820
7275	ERR	ERR	ERR	ERR		
7250	57983	-2	57896	57985	896	985
7225	ERR	ERR	ERR	ERR		
7200	57923	-3	57897	57926	897	926
7175	ERR	ERR	ERR	ERR		
7150	57920	-3	57897	57923	897	923
7125	ERR	ERR	ERR	ERR		
7100	57957	-3	57897	57960	897	960
7075	ERR	ERR	ERR	ERR		
7050	57849	-3	57897	57852	897	852
7025	ERR	ERR	ERR	ERR		
7000	57736	-3	57897	57739	897	739
6975	ERR	ERR	ERR	ERR		
6950	57720	-3	57897	57723	897	723
6925	ERR	ERR	ERR	ERR		
6900	57735	-3	57897	57738	897	738
6875	ERR	ERR	ERR	ERR		
6850	57739	-3	57897	57742	897	742
6825	ERR	ERR	ERR	ERR		
6800	57754	-4	57898	57758	898	758
6775	ERR	ERR	ERR	ERR		
6750	57753	-4	57898	57757	898	757
6725	ERR	ERR	ERR	ERR		
6700	57768	-4	57898	57772	898	772

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG83W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 83 W
 AREA: XMAS NORTH
 DATE: JULY 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57638	-9	57903	57647	903	647
7475	ERR	ERR	ERR	ERR		
7450	57626	-9	57903	57635	903	635
7425	ERR	ERR	ERR	ERR		
7400	57643	-9	57903	57652	903	652
7375	ERR	ERR	ERR	ERR		
7350	58385	-8	57902	58393	902	1393
7325	ERR	ERR	ERR	ERR		
7300	57930	-8	57902	57938	902	938
7275	ERR	ERR	ERR	ERR		
7250	57911	-8	57902	57919	902	919
7225	ERR	ERR	ERR	ERR		
7200	57836	-8	57902	57844	902	844
7175	ERR	ERR	ERR	ERR		
7150	57837	-8	57902	57845	902	845
7125	ERR	ERR	ERR	ERR		
7100	57786	-8	57902	57794	902	794
7075	ERR	ERR	ERR	ERR		
7050	58139	-8	57902	58147	902	1147
7025	ERR	ERR	ERR	ERR		
7000	57917	-7	57901	57924	901	924
6975	ERR	ERR	ERR	ERR		
6950	57825	-7	57901	57832	901	832
6925	ERR	ERR	ERR	ERR		
6900	57720	-6	57900	57726	900	726
6875	ERR	ERR	ERR	ERR		
6850	57783	-7	57901	57790	901	790
6825	ERR	ERR	ERR	ERR		
6800	57688	-6	57900	57694	900	694
6775	ERR	ERR	ERR	ERR		
6750	57767	-5	57899	57772	899	772
6725	ERR	ERR	ERR	ERR		
6700	57763	-5	57899	57768	899	768

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG84W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 84 W
 AREA: XMAS NORTH
 DATE: JULY 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57907	-9	57903	57916	903	916
7475	ERR	ERR	ERR	ERR		
7450	57788	-9	57903	57797	903	797
7425	ERR	ERR	ERR	ERR		
7400	57886	-9	57903	57895	903	895
7375	ERR	ERR	ERR	ERR		
7350	57853	-9	57903	57862	903	862
7325	ERR	ERR	ERR	ERR		
7300	57782	-9	57903	57791	903	791
7275	ERR	ERR	ERR	ERR		
7250	57727	-10	57904	57737	904	737
7225	ERR	ERR	ERR	ERR		
7200	57721	-10	57904	57731	904	731
7175	ERR	ERR	ERR	ERR		
7150	57642	-10	57904	57652	904	652
7125	ERR	ERR	ERR	ERR		
7100	57644	-10	57904	57654	904	654
7075	ERR	ERR	ERR	ERR		
7050	58327	-11	57905	58338	905	1338
7025	ERR	ERR	ERR	ERR		
7000	58288	-12	57906	58300	906	1300
6975	ERR	ERR	ERR	ERR		
6950	57913	-13	57907	57926	907	926
6925	ERR	ERR	ERR	ERR		
6900	57855	-13	57907	57868	907	868
6875	ERR	ERR	ERR	ERR		
6850	57758	-13	57907	57771	907	771
6825	ERR	ERR	ERR	ERR		
6800	57776	-13	57907	57789	907	789
6775	ERR	ERR	ERR	ERR		
6750	58113	-14	57908	58127	908	1127
6725	ERR	ERR	ERR	ERR		
6700	57891	-14	57908	57905	908	905

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG85W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 85 W
 AREA: XMAS NORTH
 DATE: JULY 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57765	-19	57913	57784	913	784
7475	ERR	ERR	ERR	ERR		
7450	57818	-19	57913	57837	913	837
7425	ERR	ERR	ERR	ERR		
7400	57872	-19	57913	57891	913	891
7375	ERR	ERR	ERR	ERR		
7350	58005	-19	57913	58024	913	1024
7325	ERR	ERR	ERR	ERR		
7300	57940	-19	57913	57959	913	959
7275	ERR	ERR	ERR	ERR		
7250	57755	-18	57912	57773	912	773
7225	ERR	ERR	ERR	ERR		
7200	57756	-17	57911	57773	911	773
7175	ERR	ERR	ERR	ERR		
7150	57720	-17	57911	57737	911	737
7125	ERR	ERR	ERR	ERR		
7100	57705	-17	57911	57722	911	722
7075	ERR	ERR	ERR	ERR		
7050	57778	-17	57911	57795	911	795
7025	ERR	ERR	ERR	ERR		
7000	57657	-16	57910	57673	910	673
6975	ERR	ERR	ERR	ERR		
6950	57648	-16	57910	57664	910	664
6925	ERR	ERR	ERR	ERR		
6900	57686	-16	57910	57702	910	702
6875	ERR	ERR	ERR	ERR		
6850	57678	-15	57909	57693	909	693
6825	ERR	ERR	ERR	ERR		
6800	57824	-15	57909	57839	909	839
6775	ERR	ERR	ERR	ERR		
6750	57831	-15	57909	57846	909	846
6725	ERR	ERR	ERR	ERR		
6700	58006	-14	57908	58020	908	1020

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG86W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 86 W
 AREA: XMAS NORTH
 DATE: JULY 10 & 11, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
						July 11
7500	57759	-18	57912	57777	912	777
7475	ERR	ERR	ERR	ERR		
7450	57774	-19	57913	57793	913	793
7425	ERR	ERR	ERR	ERR		
7400	57727	-19	57913	57746	913	746
7375	ERR	ERR	ERR	ERR		
7350	57887	-20	57914	57907	914	907
7325	ERR	ERR	ERR	ERR		
7300	57954	-19	57913	57973	913	973
7275	ERR	ERR	ERR	ERR		
7250	57945	-19	57913	57964	913	964
7225	ERR	ERR	ERR	ERR		
7200	57921	-19	57913	57940	913	940
7175	ERR	ERR	ERR	ERR		
7150	57780	-19	57913	57799	913	799
7125	ERR	ERR	ERR	ERR		
7100	57738	-19	57913	57757	913	757
7075	ERR	ERR	ERR	ERR		
7050	57691	-20	57914	57711	914	711
7025	ERR	ERR	ERR	ERR		
7000	57645	-20	57914	57665	914	665
6975	ERR	ERR	ERR	ERR		
6950	57588	-21	57915	57609	915	609
6925	ERR	ERR	ERR	ERR		
6900	58146	-4	57898	58150	898	1150
6875	ERR	ERR	ERR	ERR		
6850	57958	-4	57898	57962	898	962
6825	ERR	ERR	ERR	ERR		
6800	58038	-4	57898	58042	898	1042
6775	ERR	ERR	ERR	ERR		
6750	57861	-5	57899	57866	899	866
6725	ERR	ERR	ERR	ERR		
6700	57821	-4	57898	57825	898	825

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG87W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 87 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57805	-1	57895	57806	895	806
7475	ERR	ERR	ERR	ERR		
7450	57813	-1	57895	57814	895	814
7425	ERR	ERR	ERR	ERR		
7400	57907	-1	57895	57908	895	908
7375	ERR	ERR	ERR	ERR		
7350	58041	-1	57895	58042	895	1042
7325	ERR	ERR	ERR	ERR		
7300	58001	-1	57895	58002	895	1002
7275	ERR	ERR	ERR	ERR		
7250	57887	0	57894	57887	894	887
7225	ERR	ERR	ERR	ERR		
7200	57828	0	57894	57828	894	828
7175	ERR	ERR	ERR	ERR		
7150	57815	0	57894	57815	894	815
7125	ERR	ERR	ERR	ERR		
7100	57890	-1	57895	57891	895	891
7075	ERR	ERR	ERR	ERR		
7050	57700	-1	57895	57701	895	701
7025	ERR	ERR	ERR	ERR		
7000	57668	-1	57895	57669	895	669
6975	ERR	ERR	ERR	ERR		
6950	57658	-1	57895	57659	895	659
6925	ERR	ERR	ERR	ERR		
6900	57892	-1	57895	57893	895	893
6875	ERR	ERR	ERR	ERR		
6850	57842	-1	57895	57843	895	843
6825	ERR	ERR	ERR	ERR		
6800	57944	-3	57897	57947	897	947
6775	ERR	ERR	ERR	ERR		
6750	57893	-3	57897	57896	897	896
6725	ERR	ERR	ERR	ERR		
6700	57955	-4	57898	57959	898	959

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG88W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 88 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57728	-2	57896	57730	896	730
7475	ERR	ERR	ERR	ERR		
7450	57723	-2	57896	57725	896	725
7425	ERR	ERR	ERR	ERR		
7400	57873	-1	57895	57874	895	874
7375	ERR	ERR	ERR	ERR		
7350	57951	0	57894	57951	894	951
7325	ERR	ERR	ERR	ERR		
7300	57964	0	57894	57964	894	964
7275	ERR	ERR	ERR	ERR		
7250	57756	-1	57895	57757	895	757
7225	ERR	ERR	ERR	ERR		
7200	57837	-1	57895	57838	895	838
7175	ERR	ERR	ERR	ERR		
7150	57767	0	57894	57767	894	767
7125	ERR	ERR	ERR	ERR		
7100	57741	0	57894	57741	894	741
7075	ERR	ERR	ERR	ERR		
7050	57758	0	57894	57758	894	758
7025	ERR	ERR	ERR	ERR		
7000	57695	1	57893	57694	893	694
6975	ERR	ERR	ERR	ERR		
6950	58329	1	57893	58328	893	1328
6925	ERR	ERR	ERR	ERR		
6900	59143	1	57893	59142	893	2142
6875	ERR	ERR	ERR	ERR		
6850	57976	1	57893	57975	893	975
6825	ERR	ERR	ERR	ERR		
6800	58472	1	57893	58471	893	1471
6775	ERR	ERR	ERR	ERR		
6750	57928	1	57893	57927	893	927
6725	ERR	ERR	ERR	ERR		
6700	58066	1	57893	58065	893	1065

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG89W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 89 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57733	-8	57902	57741	902	741
7475	ERR	ERR	ERR	ERR		
7450	57721	-8	57902	57729	902	729
7425	ERR	ERR	ERR	ERR		
7400	57740	-8	57902	57748	902	748
7375	ERR	ERR	ERR	ERR		
7350	57845	-7	57901	57852	901	852
7325	ERR	ERR	ERR	ERR		
7300	57826	-6	57900	57832	900	832
7275	ERR	ERR	ERR	ERR		
7250	57812	-6	57900	57818	900	818
7225	ERR	ERR	ERR	ERR		
7200	57791	-6	57900	57797	900	797
7175	ERR	ERR	ERR	ERR		
7150	57783	-5	57899	57788	899	788
7125	ERR	ERR	ERR	ERR		
7100	57735	-3	57897	57738	897	738
7075	ERR	ERR	ERR	ERR		
7050	57772	-3	57897	57775	897	775
7025	ERR	ERR	ERR	ERR		
7000	58351	-2	57896	58353	896	1353
6975	ERR	ERR	ERR	ERR		
6950	58148	-2	57896	58150	896	1150
6925	ERR	ERR	ERR	ERR		
6900	58677	-1	57895	58678	895	1678
6875	ERR	ERR	ERR	ERR		
6850	58519	-1	57895	58520	895	1520
6825	ERR	ERR	ERR	ERR		
6800	58082	-1	57895	58083	895	1083
6775	ERR	ERR	ERR	ERR		
6750	58030	-1	57895	58031	895	1031
6725	ERR	ERR	ERR	ERR		
6700	58311	0	57894	58311	894	1311

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG90W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 90 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57787	-7	57901	57794	901	794
7475	ERR	ERR	ERR	ERR		
7450	57859	-7	57901	57866	901	866
7425	ERR	ERR	ERR	ERR		
7400	57798	-8	57902	57806	902	806
7375	ERR	ERR	ERR	ERR		
7350	57833	-8	57902	57841	902	841
7325	ERR	ERR	ERR	ERR		
7300	57728	-8	57902	57736	902	736
7275	ERR	ERR	ERR	ERR		
7250	57774	-8	57902	57782	902	782
7225	ERR	ERR	ERR	ERR		
7200	57823	-9	57903	57832	903	832
7175	ERR	ERR	ERR	ERR		
7150	57801	-9	57903	57810	903	810
7125	ERR	ERR	ERR	ERR		
7100	57765	-9	57903	57774	903	774
7075	ERR	ERR	ERR	ERR		
7050	57813	-9	57903	57822	903	822
7025	ERR	ERR	ERR	ERR		
7000	57802	-9	57903	57811	903	811
6975	ERR	ERR	ERR	ERR		
6950	57956	-9	57903	57965	903	965
6925	ERR	ERR	ERR	ERR		
6900	58104	-9	57903	58113	903	1113
6875	ERR	ERR	ERR	ERR		
6850	57675	-10	57904	57685	904	685
6825	ERR	ERR	ERR	ERR		
6800	58674	-10	57904	58684	904	1684
6775	ERR	ERR	ERR	ERR		
6750	58639	-10	57904	58649	904	1649
6725	ERR	ERR	ERR	ERR		
6700	58544	-10	57904	58554	904	1554

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG91W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 91 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57766	-8	57902	57774	902	774
7475	57758	-9	57903	57767	903	767
7450	57742	-9	57903	57751	903	751
7425	57751	-9	57903	57760	903	760
7400	57781	-10	57904	57791	904	791
7375	57808	-9	57903	57817	903	817
7350	57808	-9	57903	57817	903	817
7325	57760	-8	57902	57768	902	768
7300	57785	-8	57902	57793	902	793
7275	57803	-8	57902	57811	902	811
7250	57748	-8	57902	57756	902	756
7225	57823	-8	57902	57831	902	831
7200	57863	-8	57902	57871	902	871
7175	57899	-9	57903	57908	903	908
7150	57832	-9	57903	57841	903	841
7125	57805	-9	57903	57814	903	814
7100	57825	-9	57903	57834	903	834
7075	57805	-9	57903	57814	903	814
7050	57822	-10	57904	57832	904	832
7025	57850	-10	57904	57860	904	860
7000	57862	-10	57904	57872	904	872
6975	57858	-10	57904	57868	904	868
6950	57829	-10	57904	57839	904	839
6925	58008	-10	57904	58018	904	1018
6900	58071	-10	57904	58081	904	1081
6875	58127	-10	57904	58137	904	1137
6850	57966	-10	57904	57976	904	976
6825	58055	-10	57904	58065	904	1065
6800	58146	-10	57904	58156	904	1156
6775	58321	-11	57905	58332	905	1332
6750	58445	-11	57905	58456	905	1456
6725	58708	-10	57904	58718	904	1718
6700	59029	-10	57904	59039	904	2039

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG92W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 92 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57761	-11	57905	57772	905	772
7475	57761	-11	57905	57772	905	772
7450	57760	-11	57905	57771	905	771
7425	57762	-11	57905	57773	905	773
7400	57768	-11	57905	57779	905	779
7375	57794	-12	57906	57806	906	806
7350	57821	-11	57905	57832	905	832
7325	57805	-11	57905	57816	905	816
7300	57664	-11	57905	57675	905	675
7275	57752	-11	57905	57763	905	763
7250	57807	-11	57905	57818	905	818
7225	57806	-11	57905	57817	905	817
7200	57812	-12	57906	57824	906	824
7175	57827	-12	57906	57839	906	839
7150	57787	-12	57906	57799	906	799
7125	57828	-11	57905	57839	905	839
7100	57853	-12	57906	57865	906	865
7075	57839	-12	57906	57851	906	851
7050	57845	-11	57905	57856	905	856
7025	57849	-12	57906	57861	906	861
7000	57859	-12	57906	57871	906	871
6975	57860	-12	57906	57872	906	872
6950	57872	-13	57907	57885	907	885
6925	57866	-12	57906	57878	906	878
6900	57900	-12	57906	57912	906	912
6875	57897	-11	57905	57908	905	908
6850	ERR	ERR	ERR	ERR	-	- swamp -
6825	ERR	ERR	ERR	ERR		
6800	ERR	ERR	ERR	ERR		
6775	ERR	ERR	ERR	ERR		
6750	ERR	ERR	ERR	ERR		
6725	ERR	ERR	ERR	ERR		
6700	ERR	ERR	ERR	ERR		

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG93W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 93 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57765	-16	57910	57781	910	781
7475	57794	-16	57910	57810	910	810
7450	57783	-16	57910	57799	910	799
7425	57777	-15	57909	57792	909	792
7400	57782	-15	57909	57797	909	797
7375	57806	-15	57909	57821	909	821
7350	57878	-15	57909	57893	909	893
7325	57870	-15	57909	57885	909	885
7300	57801	-14	57908	57815	908	815
7275	57775	-13	57907	57788	907	788
7250	57927	-13	57907	57940	907	940
7225	57990	-13	57907	58003	907	1003
7200	57920	-13	57907	57933	907	933
7175	57891	-14	57908	57905	908	905
7150	57879	-14	57908	57893	908	893
7125	57843	-14	57908	57857	908	857
7100	57822	-13	57907	57835	907	835
7075	57835	-13	57907	57848	907	848
7050	57847	-13	57907	57860	907	860
7025	57872	-12	57906	57884	906	884
7000	57882	-12	57906	57894	906	894
6975	57888	-11	57905	57899	905	899
6950	57874	-11	57905	57885	905	885
6925	57880	-10	57904	57890	904	890
6900	57924	-10	57904	57934	904	934
6875	ERR	ERR	ERR	ERR	-	swamp -
6850	ERR	ERR	ERR	ERR		
6825	ERR	ERR	ERR	ERR		
6800	ERR	ERR	ERR	ERR		
6775	ERR	ERR	ERR	ERR		
6750	ERR	ERR	ERR	ERR		
6725	ERR	ERR	ERR	ERR		
6700	ERR	ERR	ERR	ERR		

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG94W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 94 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57799	-16	57910	57815	910	815
7475	ERR	ERR	ERR	ERR		
7450	57729	-16	57910	57745	910	745
7425	ERR	ERR	ERR	ERR		
7400	57775	-16	57910	57791	910	791
7375	ERR	ERR	ERR	ERR		
7350	57787	-16	57910	57803	910	803
7325	ERR	ERR	ERR	ERR		
7300	57803	-16	57910	57819	910	819
7275	ERR	ERR	ERR	ERR		
7250	57769	-16	57910	57785	910	785
7225	ERR	ERR	ERR	ERR		
7200	57745	-16	57910	57761	910	761
7175	ERR	ERR	ERR	ERR		
7150	57807	-16	57910	57823	910	823
7125	ERR	ERR	ERR	ERR		
7100	57806	-15	57909	57821	909	821
7075	ERR	ERR	ERR	ERR		
7050	57837	-16	57910	57853	910	853
7025	ERR	ERR	ERR	ERR		
7000	57846	-16	57910	57862	910	862
6975	ERR	ERR	ERR	ERR		
6950	57851	-17	57911	57868	911	868
6925	ERR	ERR	ERR	ERR		
6900	57898	-17	57911	57915	911	915
6875	ERR	ERR	ERR	ERR		
6850	57896	-17	57911	57913	911	913
6825	ERR	ERR	ERR	ERR		
6800	57897	-16	57910	57913	910	913
6775	ERR	ERR	ERR	ERR		
6750	57929	-18	57912	57947	912	947
6725	ERR	ERR	ERR	ERR		
6700	57955	-20	57914	57975	914	975

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG95W-N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -6
 AREA RANGE VALUE: 57000

LINE # 95 W
 AREA: XMAS NORTH
 DATE: JULY 10, 1985

STATION INTERVAL: 50 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
7500	57842	-26	57920	57868	920	868
7475	ERR	ERR	ERR	ERR		
7450	57796	-26	57920	57822	920	822
7425	ERR	ERR	ERR	ERR		
7400	57790	-25	57919	57815	919	815
7375	ERR	ERR	ERR	ERR		
7350	57836	-26	57920	57862	920	862
7325	ERR	ERR	ERR	ERR		
7300	57797	-27	57921	57824	921	824
7275	ERR	ERR	ERR	ERR		
7250	57796	-27	57921	57823	921	823
7225	ERR	ERR	ERR	ERR		
7200	57775	-26	57920	57801	920	801
7175	ERR	ERR	ERR	ERR		
7150	57757	-24	57918	57781	918	781
7125	ERR	ERR	ERR	ERR		
7100	57787	-24	57918	57811	918	811
7075	ERR	ERR	ERR	ERR		
7050	57804	-24	57918	57828	918	828
7025	ERR	ERR	ERR	ERR		
7000	57815	-24	57918	57839	918	839
6975	ERR	ERR	ERR	ERR		
6950	57846	-24	57918	57870	918	870
6925	ERR	ERR	ERR	ERR		
6900	57875	-23	57917	57898	917	898
6875	ERR	ERR	ERR	ERR		
6850	57794	-22	57916	57816	916	816
6825	ERR	ERR	ERR	ERR		
6800	57929	-22	57916	57951	916	951
6775	ERR	ERR	ERR	ERR		
6750	57862	-21	57915	57883	915	883
6725	ERR	ERR	ERR	ERR		
6700	57929	-22	57916	57951	916	951

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG50N

BASE STATION DATUM: 57900
 OPERATOR ADJUST: 2
 AREA RANGE VALUE: 57000

LINE # BL - 50 N
 AREA: XMAS SOUTH
 DATE: JULY 15, 1985

STATION INTERVAL: 50 m.

STATIONS West = +, East = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
10400	57923	-7	57909	57930	909	930
10350	57921	-2	57904	57923	904	923
10300	58113	-2	57904	58115	904	1115
10250	58048	-1	57903	58049	903	1049
10200	58040	-1	57903	58041	903	1041
10150	57970	-1	57903	57971	903	971
10100	57952	-1	57903	57953	903	953
10050	58016	-1	57903	58017	903	1017
10000	58150	-1	57903	58151	903	1151
9950	57815	-1	57903	57816	903	816
9900	58045	-1	57903	58046	903	1046
9850	57880	0	57902	57880	902	880
9800	57797	0	57902	57797	902	797
9750	57936	1	57901	57935	901	935
9700	57833	1	57901	57832	901	832
9650	57823	1	57901	57822	901	822
9600	57833	1	57901	57832	901	832
9550	57820	1	57901	57819	901	819
9500	57679	1	57901	57678	901	678
9450	57633	1	57901	57632	901	632
9400	57608	0	57902	57608	902	608
9350	57649	1	57901	57648	901	648
9300	57663	1	57901	57662	901	662
9250	57691	2	57900	57689	900	689
9200	57702	2	57900	57700	900	700
9150	57691	2	57900	57689	900	689
9100	57714	3	57899	57711	899	711

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG91W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -1
 AREA RANGE VALUE: 57000

LINE # 91 W
 AREA: XMAS SOUTH
 DATE: JULY 14, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION FINAL VAL. CORRECTN BASE VAL FIELD VAL. (base (field enter) enter)

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	ERR	ERR	ERR	ERR *		lake
5775	ERR	ERR	ERR	ERR *		lake
5750	57927	-26	57925	57953	925	953
5725	57853	-26	57925	57879	925	879
5700	57858	-26	57925	57884	925	884
5675	57826	-26	57925	57852	925	852
5650	57857	-26	57925	57883	925	883
5625	58028	-26	57925	58054	925	1054
5600	58060	-25	57924	58085	924	1085
5575	57828	-24	57923	57852	923	852
5550	57818	-24	57923	57842	923	842
5525	57788	-23	57922	57811	922	811
5500	57791	-23	57922	57814	922	814
5475	57801	-23	57922	57824	922	824
5450	57790	-23	57922	57813	922	813
5425	57794	-24	57923	57818	923	818
5400	57771	-24	57923	57795	923	795
5375	57804	-24	57923	57828	923	828
5350	57951	-24	57923	57975	923	975
5325	57872	-24	57923	57896	923	896
5300	57803	-24	57923	57827	923	827
5275	57762	-24	57923	57786	923	786
5250	57799	-24	57923	57823	923	823
5225	57775	-25	57924	57800	924	800
5200	57754	-24	57923	57778	923	778
5175	57779	-24	57923	57803	923	803
5150	57765	-24	57923	57789	923	789
5125	57741	-24	57923	57765	923	765
5100	57742	-24	57923	57766	923	766
5075	ERR	ERR	ERR	ERR *		lake
5050	ERR	ERR	ERR	ERR *		lake
5025	ERR	ERR	ERR	ERR *		lake
5000	57713	-23	57922	57736	922	736
4975	57705	-23	57922	57728	922	728
4950	57707	-23	57922	57730	922	730
4925	57690	-23	57922	57713	922	713
4900	57674	-23	57922	57697	922	697
4875	57653	-23	57922	57676	922	676
4850	57642	-23	57922	57665	922	665
4825	57617	-24	57923	57641	923	641
4800	57653	-24	57923	57677	923	677
4775	58312	-24	57923	58336	923	1336
4750	58103	-24	57923	58127	923	1127
4725	58083	-24	57923	58107	923	1107
4700	57589	-23	57922	57612	922	612

4675	59015	-23	57922	59038	922	2038
4650	57958	-23	57922	57981	922	981
4625	57772	-22	57921	57794	921	794
4600	57765	-23	57922	57788	922	788
4575	57766	-23	57922	57789	922	789
4550	57781	-20	57919	57801	919	801
4525	57852	-21	57920	57873	920	873
4500	57775	-20	57919	57795	919	795
4475	57837	-20	57919	57857	919	857
4450	57820	-19	57918	57839	918	839
4425	57822	-18	57917	57840	917	840
4400	57878	-17	57916	57895	916	895
4375	57796	-17	57916	57813	916	813
4350	57817	-17	57916	57834	916	834
4325	57848	-17	57916	57865	916	865
4300	57918	-16	57915	57934	915	934
4275	57914	-16	57915	57930	915	930
4250	57873	-17	57916	57890	916	890
4225	57845	-17	57916	57862	916	862
4200	57938	-18	57917	57956	917	956
4175	57941	-18	57917	57959	917	959
4150	57911	-18	57917	57929	917	929
4125	57945	-18	57917	57963	917	963
4100	57946	-17	57916	57963	916	963
4075	57946	-17	57916	57963	916	963
4050	57893	-17	57916	57910	916	910
4025	57910	-17	57916	57927	916	927
4000	57979	-17	57916	57996	916	996

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG92W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -1
 AREA RANGE VALUE: 57000

LINE # 92 W
 AREA: XMAS SOUTH
 DATE: JULY 14, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	ERR	ERR	ERR	ERR *	*	
5775	57901	-15	57914	57916	914	916
5750	57894	-15	57914	57909	914	909
5725	58069	-15	57914	58084	914	1084
5700	58095	-15	57914	58110	914	1110
5675	58065	-15	57914	58080	914	1080
5650	57846	-15	57914	57861	914	861
5625	57988	-15	57914	58003	914	1003
5600	58186	-15	57914	58201	914	1201
5575	58197	-15	57914	58212	914	1212
5550	57773	-14	57913	57787	913	787
5525	57781	-14	57913	57795	913	795
5500	57785	-14	57913	57799	913	799
5475	57783	-14	57913	57797	913	797
5450	57781	-14	57913	57795	913	795
5425	57895	-14	57913	57909	913	909
5400	58050	-13	57912	58063	912	1063
5375	58148	-14	57913	58162	913	1162
5350	58032	-13	57912	58045	912	1045
5325	57898	-13	57912	57911	912	911
5300	57826	-13	57912	57839	912	839
5275	57770	-12	57911	57782	911	782
5250	57784	-12	57911	57796	911	796
5225	57840	-12	57911	57852	911	852
5200	57788	-12	57911	57800	911	800
5175	57756	-12	57911	57768	911	768
5150	57759	-11	57910	57770	910	770
5125	57755	-11	57910	57766	910	766
5100	57810	-12	57911	57822	911	822
5075	57731	-12	57911	57743	911	743
5050	57719	-12	57911	57731	911	731
5025	57707	-12	57911	57719	911	719
5000	57683	-13	57912	57696	912	696
4975	57692	-13	57912	57705	912	705
4950	57693	-14	57913	57707	913	707
4925	57671	-14	57913	57685	913	685
4900	57688	-14	57913	57702	913	702
4875	57754	-14	57913	57768	913	768
4850	57673	-14	57913	57687	913	687
4825	57854	-14	57913	57868	913	868
4800	57678	-14	57913	57692	913	692
4775	57819	-14	57913	57833	913	833
4750	57923	-14	57913	57937	913	937
4725	58017	-15	57914	58032	914	1032
4700	57707	-15	57914	57722	914	722

4675	57569	-15	57914	57584	914	584
4650	58168	-15	57914	58183	914	1183
4625	58120	-15	57914	58135	914	1135
4600	58410	-16	57915	58426	915	1426
4575	57847	-18	57917	57865	917	865
4550	58193	-18	57917	58211	917	1211
4525	57869	-18	57917	57887	917	887
4500	57951	-17	57916	57968	916	968
4475	57816	-16	57915	57832	915	832
4450	57812	-16	57915	57828	915	828
4425	57846	-15	57914	57861	914	861
4400	57837	-15	57914	57852	914	852
4375	57819	-15	57914	57834	914	834
4350	58015	-16	57915	58031	915	1031
4325	57972	-16	57915	57988	915	988
4300	57996	-15	57914	58011	914	1011
4275	57874	-16	57915	57890	915	890
4250	57844	-17	57916	57861	916	861
4225	57853	-17	57916	57870	916	870
4200	57854	-17	57916	57871	916	871
4175	57853	-17	57916	57870	916	870
4150	57850	-17	57916	57867	916	867
4125	57881	-17	57916	57898	916	898
4100	58195	-16	57915	58211	915	1211
4075	57862	-16	57915	57878	915	878
4050	57907	-17	57916	57924	916	924
4025	57870	-18	57917	57888	917	888
4000	57908	-18	57917	57926	917	926

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG93W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -1
 AREA RANGE VALUE: 57000

LINE # 93 W
 AREA: XMAS SOUTH
 DATE: JULY 14, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	ERR	ERR	ERR	ERR *	*	
5775	57843	-18	57917	57861	917	861
5750	57874	-19	57918	57893	918	893
5725	57936	-19	57918	57955	918	955
5700	58349	-19	57918	58368	918	1368
5675	58218	-18	57917	58236	917	1236
5650	57948	-17	57916	57965	916	965
5625	58049	-17	57916	58066	916	1066
5600	57997	-18	57917	58015	917	1015
5575	57946	-18	57917	57964	917	964
5550	57846	-18	57917	57864	917	864
5525	57847	-19	57918	57866	918	866
5500	57808	-19	57918	57827	918	827
5475	57776	-19	57918	57795	918	795
5450	57776	-19	57918	57795	918	795
5425	57796	-19	57918	57815	918	815
5400	57815	-18	57917	57833	917	833
5375	ERR	ERR	ERR	ERR *		lake
5350	ERR	ERR	ERR	ERR *		lake
5325	57792	-17	57916	57809	916	809
5300	57795	-17	57916	57812	916	812
5275	57781	-17	57916	57798	916	798
5250	57787	-17	57916	57804	916	804
5225	57782	-17	57916	57799	916	799
5200	57786	-17	57916	57803	916	803
5175	57751	-17	57916	57768	916	768
5150	57702	-17	57916	57719	916	719
5125	57696	-18	57917	57714	917	714
5100	57696	-18	57917	57714	917	714
5075	57689	-19	57918	57708	918	708
5050	57687	-19	57918	57706	918	706
5025	57668	-20	57919	57688	919	688
5000	57660	-20	57919	57680	919	680
4975	57658	-20	57919	57678	919	678
4950	57604	-20	57919	57624	919	624
4925	57761	-20	57919	57781	919	781
4900	57677	-20	57919	57697	919	697
4875	57632	-21	57920	57653	920	653
4850	57673	-21	57920	57694	920	694
4825	57644	-21	57920	57665	920	665
4800	57618	-21	57920	57639	920	639
4775	57711	-21	57920	57732	920	732
4750	57834	-21	57920	57855	920	855
4725	57829	-21	57920	57850	920	850
4700	57730	-21	57920	57751	920	751

4675	58192	-21	57920	58213	920	1213
4650	57910	-21	57920	57931	920	931
4625	57885	-21	57920	57906	920	906
4600	57831	-21	57920	57852	920	852
4575	58007	-21	57920	58028	920	1028
4550	58316	-21	57920	58337	920	1337
4525	58028	-21	57920	58049	920	1049
4500	57957	-20	57919	57977	919	977
4475	57969	-19	57918	57988	918	988
4450	57579	-19	57918	57598	918	598
4425	57680	-19	57918	57699	918	699
4400	57786	-18	57917	57804	917	804
4375	57778	-18	57917	57796	917	796
4350	57837	-18	57917	57855	917	855
4325	57957	-18	57917	57975	917	975
4300	57994	-18	57917	58012	917	1012
4275	58071	-18	57917	58089	917	1089
4250	58109	-18	57917	58127	917	1127
4225	58214	-18	57917	58232	917	1232
4200	57884	-18	57917	57902	917	902
4175	57842	-18	57917	57860	917	860
4150	57863	-18	57917	57881	917	881
4125	57852	-18	57917	57870	917	870
4100	58247	-17	57916	58264	916	1264
4075	57865	-17	57916	57882	916	882
4050	57819	-17	57916	57836	916	836
4025	57828	-17	57916	57845	916	845
4000	57821	-17	57916	57838	916	838

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG94W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: 2
 AREA RANGE VALUE: 57000

LINE # 94 W
 AREA: XMAS SOUTH
 DATE: JULY 15 & 14, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	58073	1	57901	58072	901	1072
5775	58046	1	57901	58045	901	1045
5750	58267	1	57901	58266	901	1266
5725	58147	1	57901	58146	901	1146
5700	57963	1	57901	57962	901	962
5675	58068	1	57901	58067	901	1067
5650	58056	1	57901	58055	901	1055
5625	57975	1	57901	57974	901	974
5600	57921	1	57901	57920	901	920
5575	57936	1	57901	57935	901	935
5550	57865	1	57901	57864	901	864
5525	57865	1	57901	57864	901	864
5500	57854	1	57901	57853	901	853
5475	57851	1	57901	57850	901	850
5450	57878	1	57901	57877	901	877
5425	57843	1	57901	57842	901	842
5400	57831	1	57901	57830	901	830
5375	57781	1	57901	57780	901	780
5350	ERR	ERR	ERR	ERR *	*	
5325	57753	1	57901	57752	901	752
5300	57727	2	57900	57725	900	725
5275	57728	2	57900	57726	900	726
5250	57723	-13	57912	57736	912	736
5225	57701	-13	57912	57714	912	714
5200	57726	-15	57914	57741	914	741
5175	57694	-15	57914	57709	914	709
5150	57729	-15	57914	57744	914	744
5125	57878	-14	57913	57892	913	892
5100	57758	-14	57913	57772	913	772
5075	57697	-14	57913	57711	913	711
5050	57686	-14	57913	57700	913	700
5025	57658	-14	57913	57672	913	672
5000	57605	-13	57912	57618	912	618
4975	57577	-13	57912	57590	912	590
4950	57720	-13	57912	57733	912	733
4925	57927	-12	57911	57939	911	939
4900	57670	-13	57912	57683	912	683
4875	57927	-12	57911	57939	911	939
4850	57767	-12	57911	57779	911	779
4825	57912	-13	57912	57925	912	925
4800	57920	-13	57912	57933	912	933
4775	57961	-13	57912	57974	912	974
4750	57832	-13	57912	57845	912	845
4725	57960	-13	57912	57973	912	973
4700	57793	-13	57912	57806	912	806

4675	57826	-13	57912	57839	912	839
4650	57822	-13	57912	57835	912	835
4625	57808	-13	57912	57821	912	821
4600	57803	-14	57913	57817	913	817
4575	57896	-14	57913	57910	913	910
4550	58548	-14	57913	58562	913	1562
4525	57099	-14	57913	57113	913	113
4500	58905	-14	57913	58919	913	1919
4475	58159	-15	57914	58174	914	1174
4450	57880	-14	57913	57894	913	894
4425	58109	-14	57913	58123	913	1123
4400	57879	-14	57913	57893	913	893
4375	57844	-14	57913	57858	913	858
4350	57916	-14	57913	57930	913	930
4325	57905	-14	57913	57919	913	919
4300	57909	-13	57912	57922	912	922
4275	57970	-14	57913	57984	913	984
4250	57835	-14	57913	57849	913	849
4225	57799	-14	57913	57813	913	813
4200	57836	-13	57912	57849	912	849
4175	57861	-13	57912	57874	912	874
4150	57866	-13	57912	57879	912	879
4125	57895	-13	57912	57908	912	908
4100	57875	-13	57912	57888	912	888
4075	57842	-14	57913	57856	913	856
4050	57851	-15	57914	57866	914	866
4025	57843	-15	57914	57858	914	858
4000	57858	-15	57914	57873	914	873

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG95W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: 2
 AREA RANGE VALUE: 57000

LINE # 95 W
 AREA: XMAS SOUTH
 -4 DATE: JULY 15 & 13, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	58036	1	57901	58035	901	1035
5775	58074	0	57902	58074	902	1074
5750	58147	0	57902	58147	902	1147
5725	58048	0	57902	58048	902	1048
5700	57988	0	57902	57988	902	988
5675	58004	0	57902	58004	902	1004
5650	57915	0	57902	57915	902	915
5625	57880	0	57902	57880	902	880
5600	57857	0	57902	57857	902	857
5575	57851	-1	57903	57852	903	852
5550	57886	0	57902	57886	902	886
5525	57850	0	57902	57850	902	850
5500	57837	0	57902	57837	902	837
5475	57808	0	57902	57808	902	808
5450	57783	0	57902	57783	902	783
5425	57791	0	57902	57791	902	791
5400	57769	0	57902	57769	902	769
5375	57745	0	57902	57745	902	745
5350	57716	0	57902	57716	902	716
5325	57710	-25	57921	57735	921	735
5300	57687	-26	57922	57713	922	713
5275	57684	-26	57922	57710	922	710
5250	57651	-27	57923	57678	923	678
5225	57715	-27	57923	57742	923	742
5200	57749	-28	57924	57777	924	777
5175	57790	-29	57925	57819	925	819
5150	57798	-29	57925	57827	925	827
5125	57747	-28	57924	57775	924	775
5100	57708	-29	57925	57737	925	737
5075	57533	-28	57924	57561	924	561
5050	57842	-29	57925	57871	925	871
5025	57774	-29	57925	57803	925	803
5000	57696	-29	57925	57725	925	725
4975	57750	-30	57926	57780	926	780
4950	57929	-30	57926	57959	926	959
4925	57890	-29	57925	57919	925	919
4900	57755	-30	57926	57785	926	785
4875	57834	-29	57925	57863	925	863
4850	57907	-29	57925	57936	925	936
4825	58140	-29	57925	58169	925	1169
4800	58061	-28	57924	58089	924	1089
4775	57873	-28	57924	57901	924	901
4750	58030	-28	57924	58058	924	1058
4725	57895	-28	57924	57923	924	923
4700	57671	-27	57923	57698	923	698

4675	57736	-26	57922	57762	922	762
4650	57867	-25	57921	57892	921	892
4625	57672	-25	57921	57697	921	697
4600	57944	-25	57921	57969	921	969
4575	57959	-24	57920	57983	920	983
4550	57935	-24	57920	57959	920	959
4525	57868	-22	57918	57890	918	890
4500	57845	-22	57918	57867	918	867
4475	57943	-21	57917	57964	917	964
4450	57969	-21	57917	57990	917	990
4425	57861	-21	57917	57882	917	882
4400	57820	-20	57916	57840	916	840
4375	57850	-21	57917	57871	917	871
4350	57867	-21	57917	57888	917	888
4325	57875	-21	57917	57896	917	896
4300	57865	-21	57917	57886	917	886
4275	57848	-22	57918	57870	918	870
4250	57913	-22	57918	57935	918	935
4225	58043	-22	57918	58065	918	1065
4200	57839	-22	57918	57861	918	861
4175	57939	-21	57917	57960	917	960
4150	57850	-22	57918	57872	918	872
4125	57867	-22	57918	57889	918	889
4100	57942	-21	57917	57963	917	963
4075	57879	-20	57916	57899	916	899
4050	57912	-20	57916	57932	916	932
4025	57895	-21	57917	57916	917	916
4000	57859	-20	57916	57879	916	879

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG96W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -4
 AREA RANGE VALUE: 57000

LINE # 96 W
 AREA: XMAS SOUTH
 DATE: JULY 13, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	58339	-2	57898	58341	898	1341
5775	58074	-2	57898	58076	898	1076
5750	58056	-2	57898	58058	898	1058
5725	57985	-2	57898	57987	898	987
5700	57993	-3	57899	57996	899	996
5675	58014	-2	57898	58016	898	1016
5650	57927	-3	57899	57930	899	930
5625	57932	-3	57899	57935	899	935
5600	57954	-4	57900	57958	900	958
5575	57915	-5	57901	57920	901	920
5550	57876	-6	57902	57882	902	882
5525	57857	-8	57904	57865	904	865
5500	57845	-10	57906	57855	906	855
5475	57833	-12	57908	57845	908	845
5450	57820	-14	57910	57834	910	834
5425	57808	-17	57913	57825	913	825
5400	57756	-18	57914	57774	914	774
5375	57745	-20	57916	57765	916	765
5350	57715	-22	57918	57737	918	737
5325	57722	-22	57918	57744	918	744
5300	57668	-21	57917	57689	917	689
5275	57630	-19	57915	57649	915	649
5250	57743	-18	57914	57761	914	761
5225	57819	-16	57912	57835	912	835
5200	57860	-16	57912	57876	912	876
5175	57840	-16	57912	57856	912	856
5150	57834	-17	57913	57851	913	851
5125	57789	-16	57912	57805	912	805
5100	57800	-16	57912	57816	912	816
5075	57782	-16	57912	57798	912	798
5050	57790	-16	57912	57806	912	806
5025	57828	-16	57912	57844	912	844
5000	57829	-16	57912	57845	912	845
4975	57771	-15	57911	57786	911	786
4950	57772	-16	57912	57788	912	788
4925	57773	-16	57912	57789	912	789
4900	57732	-17	57913	57749	913	749
4875	57896	-18	57914	57914	914	914
4850	57823	-19	57915	57842	915	842
4825	57835	-19	57915	57854	915	854
4800	57853	-19	57915	57872	915	872
4775	57693	-18	57914	57711	914	711
4750	57796	-19	57915	57815	915	815
4725	57908	-19	57915	57927	915	927
4700	57798	-19	57915	57817	915	817

4675	57866	-19	57915	57885	915	885
4650	58048	-19	57915	58067	915	1067
4625	58037	-19	57915	58056	915	1056
4600	57998	-18	57914	58016	914	1016
4575	58109	-17	57913	58126	913	1126
4550	58139	-18	57914	58157	914	1157
4525	58375	-17	57913	58392	913	1392
4500	57866	-17	57913	57883	913	883
4475	58129	-17	57913	58146	913	1146
4450	58061	-17	57913	58078	913	1078
4425	57875	-17	57913	57892	913	892
4400	57832	-16	57912	57848	912	848
4375	58008	-16	57912	58024	912	1024
4350	57897	-17	57913	57914	913	914
4325	57832	-16	57912	57848	912	848
4300	57840	-16	57912	57856	912	856
4275	57858	-17	57913	57875	913	875
4250	57579	-16	57912	57595	912	595
4225	58046	-16	57912	58062	912	1062
4200	57846	-14	57910	57860	910	860
4175	57911	-14	57910	57925	910	925
4150	57890	-14	57910	57904	910	904
4125	57916	-14	57910	57930	910	930
4100	57839	-15	57911	57854	911	854
4075	57957	-15	57911	57972	911	972
4050	58010	-15	57911	58025	911	1025
4025	57973	-16	57912	57989	912	989
4000	58017	-17	57913	58034	913	1034

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG97W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -4
 AREA RANGE VALUE: 57000

LINE # 97 W
 AREA: XMAS SOUTH
 DATE: JULY 13, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	58128	-3	57899	58131	899	1131
5775	57978	-3	57899	57981	899	981
5750	58489	-3	57899	58492	899	1492
5725	58136	-3	57899	58139	899	1139
5700	58033	-3	57899	58036	899	1036
5675	57917	-4	57900	57921	900	921
5650	57882	-3	57899	57885	899	885
5625	57902	-3	57899	57905	899	905
5600	57885	-2	57898	57887	898	887
5575	57881	-2	57898	57883	898	883
5550	57836	-1	57897	57837	897	837
5525	57815	0	57896	57815	896	815
5500	57804	1	57895	57803	895	803
5475	57778	0	57896	57778	896	778
5450	57786	1	57895	57785	895	785
5425	57784	3	57893	57781	893	781
5400	57770	2	57894	57768	894	768
5375	57702	3	57893	57699	893	699
5350	57709	5	57891	57704	891	704
5325	57711	6	57890	57705	890	705
5300	57596	8	57888	57588	888	588
5275	57673	7	57889	57666	889	666
5250	57861	7	57889	57854	889	854
5225	57726	8	57888	57718	888	718
5200	57762	10	57886	57752	886	752
5175	57789	12	57884	57777	884	777
5150	57725	13	57883	57712	883	712
5125	57672	14	57882	57658	882	658
5100	57976	14	57882	57962	882	962
5075	58184	15	57881	58169	881	1169
5050	57892	16	57880	57876	880	876
5025	57597	18	57878	57579	878	579
5000	57834	18	57878	57816	878	816
4975	57722	18	57878	57704	878	704
4950	57705	18	57878	57687	878	687
4925	57710	17	57879	57693	879	693
4900	57702	16	57880	57686	880	686
4875	57715	16	57880	57699	880	699
4850	57726	16	57880	57710	880	710
4825	57937	17	57879	57920	879	920
4800	58152	18	57878	58134	878	1134
4775	57712	19	57877	57693	877	693
4750	57819	20	57876	57799	876	799
4725	58007	21	57875	57986	875	986
4700	58351	22	57874	58329	874	1329

4675	58139	23	57873	58116	873	1116
4650	57927	24	57872	57903	872	903
4625	57925	24	57872	57901	872	901
4600	57935	26	57870	57909	870	909
4575	57922	26	57870	57896	870	896
4550	57951	25	57871	57926	871	926
4525	57934	26	57870	57908	870	908
4500	58320	24	57872	58296	872	1296
4475	57871	23	57873	57848	873	848
4450	57913	23	57873	57890	873	890
4425	57950	22	57874	57928	874	928
4400	57839	21	57875	57818	875	818
4375	57858	21	57875	57837	875	837
4350	57929	20	57876	57909	876	909
4325	57951	20	57876	57931	876	931
4300	58006	20	57876	57986	876	986
4275	57829	19	57877	57810	877	810
4250	57838	19	57877	57819	877	819
4225	57857	19	57877	57838	877	838
4200	57856	18	57878	57838	878	838
4175	57986	18	57878	57968	878	968
4150	57950	18	57878	57932	878	932
4125	57890	17	57879	57873	879	873
4100	57932	17	57879	57915	879	915
4075	57857	16	57880	57841	880	841
4050	57913	15	57881	57898	881	898
4025	57951	15	57881	57936	881	936
4000	58000	13	57883	57987	883	987

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG98W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -5
 AREA RANGE VALUE: 57000

LINE # 98 W
 AREA: XMAS SOUTH
 DATE: JULY 12 & 13, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57956	-29	57924	57985	924	985
5775	58008	-28	57923	58036	923	1036
5750	58143	-27	57922	58170	922	1170
5725	58320	-27	57922	58347	922	1347
5700	58040	-26	57921	58066	921	1066
5675	57910	-25	57920	57935	920	935
5650	57861	-25	57920	57886	920	886
5625	57845	-24	57919	57869	919	869
5600	57798	-25	57920	57823	920	823
5575	57785	-24	57919	57809	919	809
5550	57760	-24	57919	57784	919	784
5525	57747	-24	57919	57771	919	771
5500	57684	-24	57919	57708	919	708
5475	57764	-24	57919	57788	919	788
5450	57861	-24	57919	57885	919	885
5425	58002	-24	57919	58026	919	1026
5400	57817	-24	57919	57841	919	841
5375	57820	-25	57920	57845	920	845
5350	57698	-25	57920	57723	920	723
5325	57674	5	57891	57669	891	669
5300	57707	5	57891	57702	891	702
5275	57736	5	57891	57731	891	731
5250	57962	5	57891	57957	891	957
5225	55961	5	57891	55956	891	-1044
5200	58079	5	57891	58074	891	1074
5175	57977	5	57891	57972	891	972
5150	57738	6	57890	57732	890	732
5125	57864	6	57890	57858	890	858
5100	57903	6	57890	57897	890	897
5075	57961	6	57890	57955	890	955
5050	57845	7	57889	57838	889	838
5025	57740	8	57888	57732	888	732
5000	57786	9	57887	57777	887	777
4975	59230	8	57888	59222	888	2222
4950	58171	8	57888	58163	888	1163
4925	56692	9	57887	56683	887	-317
4900	58001	8	57888	57993	888	993
4875	58026	8	57888	58018	888	1018
4850	57922	7	57889	57915	889	915
4825	58024	7	57889	58017	889	1017
4800	58110	7	57889	58103	889	1103
4775	58185	7	57889	58178	889	1178
4750	58304	7	57889	58297	889	1297
4725	58090	8	57888	58082	888	1082
4700	58516	8	57888	58508	888	1508

4675	58875	9	57887	58866	887	1866
4650	57095	10	57886	57085	886	85
4625	57915	11	57885	57904	885	904
4600	57928	12	57884	57916	884	916
4575	58085	12	57884	58073	884	1073
4550	57937	13	57883	57924	883	924
4525	57869	13	57883	57856	883	856
4500	57875	14	57882	57861	882	861
4475	57929	15	57881	57914	881	914
4450	57935	15	57881	57920	881	920
4425	57884	15	57881	57869	881	869
4400	57893	15	57881	57878	881	878
4375	57903	15	57881	57888	881	888
4350	57898	16	57880	57882	880	882
4325	57943	16	57880	57927	880	927
4300	57916	16	57880	57900	880	900
4275	57897	16	57880	57881	880	881
4250	57849	16	57880	57833	880	833
4225	57850	15	57881	57835	881	835
4200	57844	15	57881	57829	881	829
4175	57858	15	57881	57843	881	843
4150	57851	13	57883	57838	883	838
4125	57954	12	57884	57942	884	942
4100	57892	11	57885	57881	885	881
4075	57959	9	57887	57950	887	950
4050	57905	8	57888	57897	888	897
4025	57850	6	57890	57844	890	844
4000	57862	5	57891	57857	891	857

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG99W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -5
 AREA RANGE VALUE: 57000

LINE # 99 W
 AREA: XMAS SOUTH
 DATE: JULY 12, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57891	-31	57926	57922	926	922
5775	57882	-30	57925	57912	925	912
5750	57896	-31	57926	57927	926	927
5725	57864	-31	57926	57895	926	895
5700	57904	-31	57926	57935	926	935
5675	57848	-31	57926	57879	926	879
5650	57840	-31	57926	57871	926	871
5625	57815	-32	57927	57847	927	847
5600	57751	-31	57926	57782	926	782
5575	57791	-32	57927	57823	927	823
5550	57819	-32	57927	57851	927	851
5525	57746	-32	57927	57778	927	778
5500	57726	-32	57927	57758	927	758
5475	57691	-32	57927	57723	927	723
5450	57694	-32	57927	57726	927	726
5425	57794	-32	57927	57826	927	826
5400	57801	-33	57928	57834	928	834
5375	57899	-33	57928	57932	928	932
5350	57877	-35	57930	57912	930	912
5325	57817	-36	57931	57853	931	853
5300	57826	-36	57931	57862	931	862
5275	57874	-35	57930	57909	930	909
5250	57743	-34	57929	57777	929	777
5225	57730	-35	57930	57765	930	765
5200	57781	-35	57930	57816	930	816
5175	57822	-35	57930	57857	930	857
5150	57830	-34	57929	57864	929	864
5125	57607	-34	57929	57641	929	641
5100	57880	-34	57929	57914	929	914
5075	57974	-34	57929	58008	929	1008
5050	58376	-34	57929	58410	929	1410
5025	54441	-35	57930	54476	930	-2524
5000	57997	-34	57929	58031	929	1031
4975	58121	-34	57929	58155	929	1155
4950	58001	-35	57930	58036	930	1036
4925	57851	-35	57930	57886	930	886
4900	57950	-31	57926	57981	926	981
4875	58029	-30	57925	58059	925	1059
4850	57782	-30	57925	57812	925	812
4825	58554	-28	57923	58582	923	1582
4800	57687	-27	57922	57714	922	714
4775	58023	-25	57920	58048	920	1048
4750	58331	-24	57919	58355	919	1355
4725	58227	-23	57918	58250	918	1250
4700	58086	-22	57917	58108	917	1108

4675	57884	-21	57916	57905	916	905
4650	58111	-18	57913	58129	913	1129
4625	57798	-16	57911	57814	911	814
4600	57947	-14	57909	57961	909	961
4575	57889	-12	57907	57901	907	901
4550	57895	-10	57905	57905	905	905
4525	57850	-8	57903	57858	903	858
4500	57909	-6	57901	57915	901	915
4475	57878	-4	57899	57882	899	882
4450	57950	-1	57896	57951	896	951
4425	57912	-1	57896	57913	896	913
4400	57899	0	57895	57899	895	899
4375	57876	2	57893	57874	893	874
4350	57913	3	57892	57910	892	910
4325	57905	3	57892	57902	892	902
4300	57842	6	57889	57836	889	836
4275	57860	8	57887	57852	887	852
4250	57855	8	57887	57847	887	847
4225	57889	14	57881	57875	881	875
4200	57841	8	57887	57833	887	833
4175	57867	9	57886	57858	886	858
4150	57876	9	57886	57867	886	867
4125	57897	8	57887	57889	887	889
4100	57927	7	57888	57920	888	920
4075	57921	6	57889	57915	889	915
4050	57895	5	57890	57890	890	890
4025	57963	2	57893	57961	893	961
4000	57915	0	57895	57915	895	915

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG100W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -5
 AREA RANGE VALUE: 57000

LINE # 100 W
 AREA: XMAS SOUTH
 DATE: JULY 12, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57975	47	57848	57928	848	928
5775	57879	47	57848	57832	848	832
5750	57841	47	57848	57794	848	794
5725	57841	47	57848	57794	848	794
5700	57812	47	57848	57765	848	765
5675	57794	46	57849	57748	849	748
5650	57765	45	57850	57720	850	720
5625	57745	43	57852	57702	852	702
5600	57831	42	57853	57789	853	789
5575	57782	42	57853	57740	853	740
5550	57761	41	57854	57720	854	720
5525	57793	41	57854	57752	854	752
5500	57812	41	57854	57771	854	771
5475	57803	41	57854	57762	854	762
5450	57754	42	57853	57712	853	712
5425	57733	42	57853	57691	853	691
5400	57753	43	57852	57710	852	710
5375	57818	43	57852	57775	852	775
5350	57868	44	57851	57824	851	824
5325	57894	44	57851	57850	851	850
5300	57942	44	57851	57898	851	898
5275	57937	45	57850	57892	850	892
5250	57844	45	57850	57799	850	799
5225	57721	44	57851	57677	851	677
5200	58016	44	57851	57972	851	972
5175	57800	41	57854	57759	854	759
5150	57593	39	57856	57554	856	554
5125	57813	38	57857	57775	857	775
5100	58294	36	57859	58258	859	1258
5075	57873	34	57861	57839	861	839
5050	58009	32	57863	57977	863	977
5025	58060	31	57864	58029	864	1029
5000	58116	30	57865	58086	865	1086
4975	58042	30	57865	58012	865	1012
4950	58143	30	57865	58113	865	1113
4925	58103	29	57866	58074	866	1074
4900	58006	28	57867	57978	867	978
4875	58002	27	57868	57975	868	975
4850	57926	28	57867	57898	867	898
4825	58005	29	57866	57976	866	976
4800	57958	30	57865	57928	865	928
4775	57940	31	57864	57909	864	909
4750	57931	32	57863	57899	863	899
4725	57918	32	57863	57886	863	886
4700	57864	33	57862	57831	862	831

4675	57890	33	57862	57857	862	857
4650	57866	33	57862	57833	862	833
4625	57830	35	57860	57795	860	795
4600	57830	36	57859	57794	859	794
4575	57769	37	57858	57732	858	732
4550	57841	40	57855	57801	855	801
4525	57849	43	57852	57806	852	806
4500	57796	45	57850	57751	850	751
4475	57817	47	57848	57770	848	770
4450	57856	47	57848	57809	848	809
4425	57893	48	57847	57845	847	845
4400	57861	45	57850	57816	850	816
4375	57873	46	57849	57827	849	827
4350	57839	41	57854	57798	854	798
4325	57830	37	57858	57793	858	793
4300	57867	38	57857	57829	857	829
4275	57857	36	57859	57821	859	821
4250	57891	33	57862	57858	862	858
4225	57839	31	57864	57808	864	808
4200	57846	26	57869	57820	869	820
4175	57824	22	57873	57802	873	802
4150	57851	19	57876	57832	876	832
4125	57845	14	57881	57831	881	831
4100	57868	10	57885	57858	885	858
4075	57893	7	57888	57886	888	886
4050	57845	5	57890	57840	890	840
4025	57842	2	57893	57840	893	840
4000	57843	1	57894	57842	894	842

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG101W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -5
 AREA RANGE VALUE: 57000

LINE # 101 W
 AREA: XMAS SOUTH
 DATE: JULY 12, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION FINAL VAL. CORRECTN BASE VAL FIELD VAL. (base enter) (field enter)

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	ERR	ERR	ERR	ERR *	*	
5775	57845	49	57846	57796	846	796
5750	57815	50	57845	57765	845	765
5725	57807	52	57843	57755	843	755
5700	57887	53	57842	57834	842	834
5675	57881	54	57841	57827	841	827
5650	57992	55	57840	57937	840	937
5625	57840	57	57838	57783	838	783
5600	57668	59	57836	57609	836	609
5575	57829	61	57834	57768	834	768
5550	57766	63	57832	57703	832	703
5525	57837	64	57831	57773	831	773
5500	57926	65	57830	57861	830	861
5475	57688	66	57829	57622	829	622
5450	57810	67	57828	57743	828	743
5425	57830	68	57827	57762	827	762
5400	57795	70	57825	57725	825	725
5375	57803	71	57824	57732	824	732
5350	57774	73	57822	57701	822	701
5325	57892	76	57819	57816	819	816
5300	57795	78	57817	57717	817	717
5275	57788	80	57815	57708	815	708
5250	57759	85	57810	57674	810	674
5225	57943	88	57807	57855	807	855
5200	57848	91	57804	57757	804	757
5175	58105	94	57801	58011	801	1011
5150	57640	98	57797	57542	797	542
5125	57676	99	57796	57577	796	577
5100	57944	100	57795	57844	795	844
5075	57860	102	57793	57758	793	758
5050	57926	103	57792	57823	792	823
5025	57497	104	57791	57393	791	393
5000	57956	104	57791	57852	791	852
4975	57927	103	57792	57824	792	824
4950	57900	104	57791	57796	791	796
4925	58009	104	57791	57905	791	905
4900	57821	104	57791	57717	791	717
4875	58019	104	57791	57915	791	915
4850	57936	104	57791	57832	791	832
4825	57918	103	57792	57815	792	815
4800	58140	101	57794	58039	794	1039
4775	57967	99	57796	57868	796	868
4750	57886	98	57797	57788	797	788
4725	57968	96	57799	57872	799	872
4700	57884	96	57799	57788	799	788

4675	57881	97	57798	57784	798	784
4650	57897	97	57798	57800	798	800
4625	57833	96	57799	57737	799	737
4600	57868	96	57799	57772	799	772
4575	57967	94	57801	57873	801	873
4550	57854	94	57801	57760	801	760
4525	57918	94	57801	57824	801	824
4500	58124	94	57801	58030	801	1030
4475	57938	95	57800	57843	800	843
4450	57860	96	57799	57764	799	764
4425	57884	96	57799	57788	799	788
4400	57830	96	57799	57734	799	734
4375	57844	96	57799	57748	799	748
4350	57850	95	57800	57755	800	755
4325	57830	92	57803	57738	803	738
4300	57817	90	57805	57727	805	727
4275	57885	88	57807	57797	807	797
4250	57824	87	57808	57737	808	737
4225	57794	86	57809	57708	809	708
4200	57832	83	57812	57749	812	749
4175	57901	82	57813	57819	813	819
4150	57892	81	57814	57811	814	811
4125	57792	77	57818	57715	818	715
4100	57821	75	57820	57746	820	746
4075	57983	73	57822	57910	822	910
4050	58034	71	57824	57963	824	963
4025	57956	69	57826	57887	826	887
4000	57912	65	57830	57847	830	847

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG102W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: -5
 AREA RANGE VALUE: 57000

LINE # 102 W
 AREA: XMAS SOUTH
 DATE: JULY 12, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57763	152	57743	57611	743	611
5775	57877	155	57740	57722	740	722
5750	58027	158	57737	57869	737	869
5725	58060	159	57736	57901	736	901
5700	57827	162	57733	57665	733	665
5675	57705	165	57730	57540	730	540
5650	57527	168	57727	57359	727	359
5625	57571	169	57726	57402	726	402
5600	57722	169	57726	57553	726	553
5575	57717	168	57727	57549	727	549
5550	57670	166	57729	57504	729	504
5525	57712	166	57729	57546	729	546
5500	58171	167	57728	58004	728	1004
5475	57536	168	57727	57368	727	368
5450	57940	168	57727	57772	727	772
5425	57853	166	57729	57687	729	687
5400	57892	164	57731	57728	731	728
5375	57753	162	57733	57591	733	591
5350	57849	160	57735	57689	735	689
5325	57770	156	57739	57614	739	614
5300	57806	151	57744	57655	744	655
5275	57879	147	57748	57732	748	732
5250	57815	143	57752	57672	752	672
5225	57841	141	57754	57700	754	700
5200	57868	138	57757	57730	757	730
5175	57778	136	57759	57642	759	642
5150	57792	133	57762	57659	762	659
5125	57695	130	57765	57565	765	565
5100	57799	127	57768	57672	768	672
5075	57627	125	57770	57502	770	502
5050	58103	123	57772	57980	772	980
5025	57962	121	57774	57841	774	841
5000	58032	119	57776	57913	776	913
4975	57955	116	57779	57839	779	839
4950	57857	113	57782	57744	782	744
4925	58015	110	57785	57905	785	905
4900	57858	108	57787	57750	787	750
4875	57881	106	57789	57775	789	775
4850	57782	105	57790	57677	790	677
4825	57930	104	57791	57826	791	826
4800	58006	100	57795	57906	795	906
4775	58009	96	57799	57913	799	913
4750	57875	94	57801	57781	801	781
4725	58142	92	57803	58050	803	1050
4700	58080	91	57804	57989	804	989

4675	58216	90	57805	58126	805	1126
4650	57928	89	57806	57839	806	839
4625	57919	89	57806	57830	806	830
4600	57889	90	57805	57799	805	799
4575	57927	89	57806	57838	806	838
4550	57933	87	57808	57846	808	846
4525	57851	84	57811	57767	811	767
4500	57823	81	57814	57742	814	742
4475	57874	79	57816	57795	816	795
4450	57866	77	57818	57789	818	789
4425	57809	75	57820	57734	820	734
4400	57838	72	57823	57766	823	766
4375	57920	70	57825	57850	825	850
4350	57850	69	57826	57781	826	781
4325	57872	67	57828	57805	828	805
4300	57898	66	57829	57832	829	832
4275	57964	65	57830	57899	830	899
4250	57872	63	57832	57809	832	809
4225	58009	62	57833	57947	833	947
4200	58063	61	57834	58002	834	1002
4175	57925	61	57834	57864	834	864
4150	57931	60	57835	57871	835	871
4125	58005	60	57835	57945	835	945
4100	57930	59	57836	57871	836	871
4075	57947	59	57836	57888	836	888
4050	57962	59	57836	57903	836	903
4025	57933	59	57836	57874	836	874
4000	57936	58	57837	57878	837	878

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG103W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: 2
 AREA RANGE VALUE: 57000

LINE # 103 W
 AREA: XMAS SOUTH
 DATE: JULY 15, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57816	-16	57918	57832	918	832
5775	57817	-16	57918	57833	918	833
5750	57841	-16	57918	57857	918	857
5725	57761	-16	57918	57777	918	777
5700	57744	-16	57918	57760	918	760
5675	57591	-16	57918	57607	918	607
5650	57754	-16	57918	57770	918	770
5625	57641	-16	57918	57657	918	657
5600	58959	-16	57918	58975	918	1975
5575	57472	-16	57918	57488	918	488
5550	57685	-15	57917	57700	917	700
5525	57624	-15	57917	57639	917	639
5500	57770	-15	57917	57785	917	785
5475	58281	-15	57917	58296	917	1296
5450	58172	-15	57917	58187	917	1187
5425	59185	-15	57917	59200	917	2200
5400	53653	-15	57917	53668	917	-3332
5375	57476	-15	57917	57491	917	491
5350	57867	-15	57917	57882	917	882
5325	58059	-15	57917	58074	917	1074
5300	58126	-15	57917	58141	917	1141
5275	57889	-15	57917	57904	917	904
5250	57874	-15	57917	57889	917	889
5225	57852	-15	57917	57867	917	867
5200	57859	-15	57917	57874	917	874
5175	57769	-15	57917	57784	917	784
5150	57910	-15	57917	57925	917	925
5125	57812	-15	57917	57827	917	827
5100	57724	-15	57917	57739	917	739
5075	57738	-15	57917	57753	917	753
5050	57841	-14	57916	57855	916	855
5025	58121	-14	57916	58135	916	1135
5000	58170	-13	57915	58183	915	1183
4975	58017	-13	57915	58030	915	1030
4950	58109	-13	57915	58122	915	1122
4925	57874	-13	57915	57887	915	887
4900	58177	-12	57914	58189	914	1189
4875	58005	-12	57914	58017	914	1017
4850	57967	-12	57914	57979	914	979
4825	58014	-12	57914	58026	914	1026
4800	57924	-12	57914	57936	914	936
4775	57982	-12	57914	57994	914	994
4750	58090	-12	57914	58102	914	1102
4725	57945	-12	57914	57957	914	957
4700	57963	-12	57914	57975	914	975

4675	57925	-12	57914	57937	914	937
4650	57952	-12	57914	57964	914	964
4625	58009	-12	57914	58021	914	1021
4600	58046	-11	57913	58057	913	1057
4575	57945	-11	57913	57956	913	956
4550	57918	-11	57913	57929	913	929
4525	57862	-11	57913	57873	913	873
4500	57892	-11	57913	57903	913	903
4475	57896	-10	57912	57906	912	906
4450	57909	-10	57912	57919	912	919
4425	57894	-10	57912	57904	912	904
4400	57855	-10	57912	57865	912	865
4375	57897	-10	57912	57907	912	907
4350	57878	-10	57912	57888	912	888
4325	57846	-10	57912	57856	912	856
4300	57912	-10	57912	57922	912	922
4275	57880	-10	57912	57890	912	890
4250	57864	-10	57912	57874	912	874
4225	57890	-10	57912	57900	912	900
4200	57902	-10	57912	57912	912	912
4175	57956	-10	57912	57966	912	966
4150	58027	-10	57912	58037	912	1037
4125	57952	-10	57912	57962	912	962
4100	58050	-10	57912	58060	912	1060
4075	57977	-10	57912	57987	912	987
4050	57915	-10	57912	57925	912	925
4025	57901	-10	57912	57911	912	911
4000	57891	-9	57911	57900	911	900

INTERPRETEX RESOURCES LTD.
 FIELD MAGNETIC CORRECTIONS WORKSHEET

file name: MAG104W

BASE STATION DATUM: 57900
 OPERATOR ADJUST: 2
 AREA RANGE VALUE: 57000

LINE # 104 W
 AREA: XMAS SOUTH
 DATE: JULY 15, 1985

STATION INTERVAL: 25 m. STATIONS North = +, South = -

STATION	FINAL VAL.	CORRECTN	BASE VAL	FIELD VAL.	(base enter)	(field enter)
5800	57868	-16	57918	57884	918	884
5775	57880	-16	57918	57896	918	896
5750	57824	-16	57918	57840	918	840
5725	57974	-16	57918	57990	918	990
5700	57825	-17	57919	57842	919	842
5675	57787	-16	57918	57803	918	803
5650	57702	-16	57918	57718	918	718
5625	57815	-16	57918	57831	918	831
5600	58084	-17	57919	58101	919	1101
5575	58502	-16	57918	58518	918	1518
5550	55067	-16	57918	55083	918	-1917
5525	58155	-16	57918	58171	918	1171
5500	58303	-16	57918	58319	918	1319
5475	58608	-16	57918	58624	918	1624
5450	61925	-16	57918	61941	918	4941
5425	58395	-15	57917	58410	917	1410
5400	60541	-15	57917	60556	917	3556
5375	60129	-15	57917	60144	917	3144
5350	58059	-15	57917	58074	917	1074
5325	58126	-15	57917	58141	917	1141
5300	57887	-15	57917	57902	917	902
5275	57990	-15	57917	58005	917	1005
5250	57928	-15	57917	57943	917	943
5225	57907	-15	57917	57922	917	922
5200	57882	-15	57917	57897	917	897
5175	57892	-15	57917	57907	917	907
5150	57984	-15	57917	57999	917	999
5125	57836	-15	57917	57851	917	851
5100	58003	-15	57917	58018	917	1018
5075	57852	-15	57917	57867	917	867
5050	57789	-15	57917	57804	917	804
5025	57910	-15	57917	57925	917	925
5000	57922	-8	57910	57930	910	930
4975	57946	-7	57909	57953	909	953
4950	58039	-8	57910	58047	910	1047
4925	58155	-8	57910	58163	910	1163
4900	57869	-8	57910	57877	910	877
4875	57917	-8	57910	57925	910	925
4850	57909	-8	57910	57917	910	917
4825	58141	-8	57910	58149	910	1149
4800	58272	-8	57910	58280	910	1280
4775	58011	-8	57910	58019	910	1019
4750	58029	-8	57910	58037	910	1037
4725	57966	-8	57910	57974	910	974
4700	58001	-8	57910	58009	910	1009

4675	57847	-8	57910	57855	910	855
4650	57861	-9	57911	57870	911	870
4625	57859	-9	57911	57868	911	868
4600	57836	-9	57911	57845	911	845
4575	57817	-9	57911	57826	911	826
4550	57846	-8	57910	57854	910	854
4525	57898	-9	57911	57907	911	907
4500	57949	-9	57911	57958	911	958
4475	57916	-9	57911	57925	911	925
4450	58002	-9	57911	58011	911	1011
4425	57903	-9	57911	57912	911	912
4400	57847	-9	57911	57856	911	856
4375	57888	-9	57911	57897	911	897
4350	57891	-9	57911	57900	911	900
4325	57887	-9	57911	57896	911	896
4300	57852	-9	57911	57861	911	861
4275	57913	-9	57911	57922	911	922
4250	57897	-9	57911	57906	911	906
4225	57899	-9	57911	57908	911	908
4200	57919	-9	57911	57928	911	928
4175	57903	-9	57911	57912	911	912
4150	57953	-9	57911	57962	911	962
4125	57954	-9	57911	57963	911	963
4100	57951	-9	57911	57960	911	960
4075	57927	-9	57911	57936	911	936
4050	57919	-9	57911	57928	911	928
4025	57935	-9	57911	57944	911	944
4000	57906	-9	57911	57915	911	915

SECTION B - STATEMENT OF COSTS

SECTION B - STATEMENT OF COSTS

Accommodations and Food:		\$2993.28
June 12 to July 18, 1985	2 men; 71 man days @ \$42.16/man day	
Geochemical Analysis:		10,573.10
737 soil samples		
- Au + 28 element ICP @ \$12.10/sample	- 8,917.70	
9 silt samples		
- Au + 28 element ICP @ \$12.10/sample	- 108.90	
4 pan concentrates		
- Au + 28 element ICP @ \$14.00/sample	- 56.00	
54 rock samples		
- Au + 28 element ICP @ \$15.75/sample	- 850.50	
40 rock samples		
- Au + 28 element ICP @ \$16.00/sample	- 640.00	
Drafting and Report Preparation		5,789.24
Transportation: Truck Rental		1,372.94
June 11 to July 19, 1985		
38 days @ \$30.00/day	- 1,140.00	
1178 km @ \$0.13/km	- 153.14	
Sales Tax 7%	- 79.80	
Vehicle Operations		478.30
Supplies: Office, Drafting and Field		961.20
Grid Preparation and Sample Collection		4,000.00
June 29 to July 18, 1985		
17 days @ \$225/day	- 3,825.00	
mob and demob	- 175.00	
Ground Geophysical Survey - VLF-EM and Mag		7,080.00
July 8 to July 16, 1985		
7 days @ \$590/day	- 4,130.00	
mob and demob	- 750.00	
report compilation	- 2,200.00	
Geology: Field Personnel		12,616.96
June 12 to July 18, 1985		
M. Tindall, Project Geologist	- 38 days @ \$187.22/day	
R. Arnold, Geologist	- 8 days @ \$175.65/day	
K. McNaughton, Assistant Geologist	- 33 days @ \$156.10/day	

Sample Shipment	105.16
Communications	<u>70.96</u>
TOTAL EXPENDITURES	46,041.14

SECTION C - STATEMENT OF QUALIFICATIONS
Rodney W. Arnold
Mark A. Tindall

SECTION C - STATEMENT OF QUALIFICATIONS

I, Rodney William Arnold, B.Sc. Geology, of 41751 Yarrow Central Road, Yarrow, British Columbia, VOX 2A0 state as follows:

1. That I graduated from the University of Calgary in 1974 with a Bachelor of Science Degree in Geology.

2. That I have prospected and actively pursued geology prior to my graduation and have practiced my profession since 1976 as follows:

1984-1985 Project Geologist
 E&B Explorations Inc.
 Vancouver, British Columbia

1983 Project Geologist
 Scope Explorations Services Ltd.
 Merritt, British Columbia

1981-1983 Mine Geologist
 Polaris Mine for Cominco Ltd.
 Vancouver, British Columbia

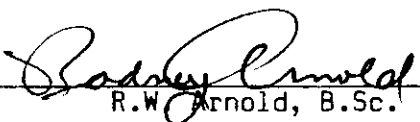
1979-1981 Project Geologist
 Westmin Resources Ltd.
 Vancouver, British Columbia

1978-1979 Geologist
 Invex Resources Ltd.
 Vancouver, British Columbia

1973-1978 Geologist & Physical Scientist
 Geological Survey of Canada
 (Summer Employment & Winter Works Programs)

3. That I am presently employed as a Project Geologist with E&B Explorations Inc., 1440 - 800 West Pender Street, Vancouver, British Columbia, V6C 2V6.

Dated at Vancouver, British Columbia)
this 30th day of August, 1985)



R.W. Arnold, B.Sc.)

STATEMENT OF QUALIFICATIONS

I, Mark A. Tindall, of 1143 East 15th Avenue, Vancouver, B.C., V5T 2S7, state that:

1) I am a 1981 graduate of Queens University, Kingston, Ontario, with an Honours B.Sc. degree in Geology.

2) I have been employed in mining exploration prior to my graduation and that I have practiced my profession since January, 1981 as follows:

1984-85	Project Geologist E&B Explorations Inc. Vancouver, B.C.
1984	Geologist Lornex Mining Corp. Ltd. Vancouver, B.C.
1980-84	Project Geologist Fox Geological Consultants Ltd. I.M. Watson & Associates Ltd. Vancouver, B.C.
1979	Geological Assistant C.C.H. Resources Ltd. Vancouver, B.C.

3) I am presently employed as a Project Geologist with E&B Explorations Inc., 1440 - 800 West Pender Street, Vancouver, B.C. V6C 2V6.

Signed at Vancouver, British Columbia
this 20 day of *September, 1985*

M. Tindall

M. A. Tindall, B.Sc.

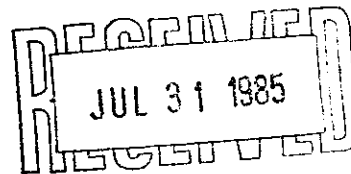
SECTION D - LABORATORY REPORTS



VANGEOCHEM LAB LIMITED

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

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



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

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: July 31 1985

REPORT#: 85-39-047
JOB#: 85199

PROJECT#: 5067
SAMPLES ARRIVED: July 19 1985
REPORT COMPLETED: July 31 1985
ANALYSED FOR: Au ICP

INVOICE#: 8769
TOTAL SAMPLES: 154
SAMPLE TYPE: 154 SOIL
REJECTS: DISCARDED

SAMPLES FROM: MASCOT GOLD MINES LTD.
COPY SENT TO: MARK TINDALL

PREPARED FOR: LEN SALAKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: *[Signature]*

GENERAL REMARK: PO# 4458



VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-39-047

JOB NUMBER: 85199

MASCOT GOLD MINES LTD.

PAGE 1 OF 4

SAMPLE #	Au
98+00W 50+50N	nd
98+00W 51+00N	nd
98+00W 51+50N	nd
98+00W 52+00N	nd
98+00W 52+50N	nd
98+00W 53+00N	nd
98+00W 53+50N	nd
98+00W 54+50N	nd
98+00W 56+50N	nd
98+00W 57+50N	nd
98+00W 58+00N	5
99+00W 40+00N	nd
99+00W 40+50N	nd
99+00W 41+00N	nd
99+00W 41+50N	nd
99+00W 42+00N	nd
99+00W 43+50N	nd
99+00W 44+50N	10
99+00W 45+00N	nd
99+00W 45+50N	10
99+00W 46+50N	90
99+00W 47+00N	20
99+00W 48+50N	50
99+00W 49+50N	30
99+00W 50+00N	40
99+00W 50+50N	10
99+00W 51+00N	10
99+00W 51+50N	nd
99+00W 52+00N	nd
99+00W 52+50N	15
99+00W 53+00N	10
99+00W 54+00N	5
99+00W 54+50N	50
99+00W 55+00N	nd
99+00W 55+50N	nd
99+00W 56+00N	nd
99+00W 56+50N	10
99+00W 57+00N	nd
99+00W 57+50N	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
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REPORT NUMBER: 85-39-047

JOB NUMBER: 85199

MASCOT GOLD MINES LTD.

PAGE 2 OF 4

SAMPLE #	Au
99+00W 58+00N	10
100+00W 40+00N	10
100+00W 40+50N	5
100+00W 41+00N	nd
100+00W 41+50N	nd
100+00W 42+00N	nd
100+00W 42+50N	nd
100+00W 43+00N	10
100+00W 43+50N	nd
100+00W 44+00N	nd
100+00W 44+50N	nd
100+00W 45+50N	nd
100+00W 46+00N	nd
100+00W 46+50N	nd
100+00W 47+00N	5
100+00W 47+50N	10
100+00W 48+00N	10
100+00W 48+50N	10
100+00W 49+00N	5
100+00W 53+50N	nd
100+00W 54+00N	nd
100+00W 54+50N	10
100+00W 55+00N	10
100+00W 55+50N	15
100+00W 56+00N	nd
100+00W 56+50N	25
100+00W 57+00N	nd
100+00W 57+50N	5
100+00W 58+00N	5
101+00W 40+00N	nd
101+00W 40+50N	nd
101+00W 41+00N	nd
101+00W 41+50N	nd
101+00W 42+00N	nd
101+00W 42+50N	nd
101+00W 43+00N	nd
101+00W 43+50N	5
101+00W 44+00N	nd
101+00W 44+50N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 85-39-047

JOB NUMBER: 85199

MASCOT GOLD MINES LTD.

PAGE 3 OF 4

SAMPLE #	Au
101+00W 45+00N	nd
101+00W 45+50N	nd
101+00W 46+50N	10
101+00W 47+00N	15
101+00W 47+50N	20
101+00W 48+00N	nd
101+00W 48+50N	5
101+00W 49+00N	nd
101+00W 49+50N	nd
101+00W 50+00N	nd
101+00W 50+50N	30
101+00W 51+00N	30
101+00W 51+50N	nd
101+00W 52+00N	nd
101+00W 52+50N	nd
101+00W 53+00N	nd
101+00W 53+50N	nd
101+00W 54+00N	20
101+00W 54+50N	5
101+00W 55+00N	5
101+00W 55+50N	nd
101+00W 56+00N	15
101+00W 56+50N	5
101+00W 57+00N	10
101+00W 57+50N	nd
101+00W 58+00N	nd
102+00W 40+00N	nd
102+00W 40+50N	nd
102+00W 41+00N	nd
102+00W 42+00N	nd
102+00W 42+50N	nd
102+00W 43+00N	nd
102+00W 43+50N	10
102+00W 44+00N	20
102+00W 44+50N	nd
102+00W 45+00N	nd
102+00W 45+50N	10
102+00W 46+50N	nd
102+00W 47+00N	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-047

JOB NUMBER: 85199

MASCOT GOLD MINES LTD.

PAGE 4 OF 4

SAMPLE #	Au
102+00W 47+50N	nd
102+00W 48+00N	nd
102+00W 48+50N	nd
102+00W 49+00N	10
102+00W 49+50N	nd
102+00W 50+00N	nd
102+00W 50+50N	10
102+00W 51+00N	25
102+00W 51+50N	5
102+00W 52+00N	10
102+00W 52+50N	5
102+00W 53+00N	5
102+00W 53+50N	5
102+00W 54+00N	nd
102+00W 54+50N	nd
102+00W 55+00N	nd
102+00W 55+50N	nd
102+00W 56+00N	10
102+00W 56+50N	nd
102+00W 57+00N	nd
102+00W 57+50N	5
102+00W 58+00N	nd
103+00W 50+00N	nd
103+00W 51+00N	5
103+00W 51+50N	5
103+00W 52+00N	10
103+00W 53+00N	10
103+00W 53+50N	nd
103+00W 54+00N	nd
103+00W 54+50N	nd
103+00W 55+00N	10
103+00W 55+50N	10
103+00W 56+00N	10
103+00W 56+50N	10
103+00W 57+00N	10
103+00W 57+50N	10
103+00W 58+00N	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REC'D
JUL 31 1985
150575

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:1 HCL TO HNO3 TO H2O2 AT 90 DEG. C FOR 30 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, F, CR, MG, BA, SO, AL, NA, K, W, PT AND SA. AU AND PD DETECTION IS 0 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, - = NOT ANALYZED

COMPANY: MASCOT GOLD MINES
ATTENTION: MR. SALEKEN & MR. TINDALL
PROJECT: 5067 P.O.#4458

REPORT#: 85-20-047
JOB#: 85199
INVOICE#: 8763

DATE RECEIVED: 85/07/19
DATE COMPLETED: 85/07/29
COPY SENT TO: MR. SALEKEN & MR. TINDALL ANALYST *W. Powell*

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SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PD PPM	PT PPM	SB PPM	SM PPM	SF PPM	U PPM	W PPM	ZN PPM	
STD74+AL	10.6	3.10	26	8	40	8	1.38	10.5	33	53	160	3.00	.28	.59	810	37	.60	686	.09	58	7	ND	24	19	26	27	ND	87
98+00W 50+50N	.2	1.58	7	ND	73	ND	.19	.1	10	17	29	1.83	.05	.40	226	ND	.01	18	.09	8	ND	ND	ND	1	14	ND	92	
98+00W 51+00N	.3	2.06	10	ND	86	ND	.19	.1	12	20	23	2.00	.06	.38	172	ND	.01	26	.07	6	ND	ND	ND	1	23	ND	70	
98+00W 51+50N	.2	1.63	10	ND	81	3	.17	.2	9	24	18	1.85	.06	.40	228	ND	.01	27	.12	8	ND	ND	ND	1	16	ND	62	
98+00W 52+00N	.4	2.29	12	ND	77	ND	.23	.3	17	22	94	3.17	.08	.42	231	1	.01	35	.08	10	ND	ND	3	2	27	ND	81	
98+00W 52+50N	.4	2.21	5	ND	101	ND	.17	.1	11	23	27	2.20	.08	.38	235	1	.01	25	.11	10	ND	ND	ND	3	14	6	ND	112
98+00W 53+00N	.6	1.78	8	ND	111	ND	.20	.2	9	20	20	1.88	.07	.40	228	1	.01	26	.09	9	ND	ND	4	2	23	6	ND	94
98+00W 53+50N	.4	1.71	4	ND	47	ND	.34	.3	9	20	87	2.15	.08	.28	340	2	.01	39	.03	12	ND	ND	4	2	17	4	ND	182
98+00W 54+50N	.5	.93	12	ND	48	ND	.42	.2	7	21	17	1.54	.07	.37	221	ND	.01	18	.02	8	ND	ND	3	ND	28	8	ND	25
98+00W 56+50N	.1	1.67	3	ND	62	ND	.44	.2	9	26	16	1.87	.05	.46	277	1	.01	19	.02	6	ND	ND	ND	1	28	ND	65	
98+00W 57+50N	.1	1.89	4	ND	86	ND	.18	.2	11	25	22	2.06	.04	.46	267	ND	.01	28	.12	6	ND	ND	ND	ND	15	ND	ND	136
98+00W 58+00N	.1	1.96	5	ND	72	ND	.21	.1	11	28	41	2.12	.04	.50	233	ND	.01	27	.07	3	ND	ND	ND	ND	21	ND	ND	92
99+00W 40+00N	.1	1.62	4	ND	102	ND	.30	.2	8	13	25	1.55	.02	.29	540	ND	.01	16	.06	3	ND	ND	ND	ND	31	ND	ND	121
99+00W 40+50N	.1	2.49	ND	ND	124	ND	.48	.1	10	21	21	2.32	.07	.44	366	ND	.01	17	.02	10	ND	ND	ND	2	43	ND	ND	94
99+00W 41+00N	.1	2.66	ND	ND	143	ND	.46	.1	11	16	30	2.07	.05	.35	424	ND	.01	21	.04	26	ND	ND	ND	1	39	ND	ND	135
99+00W 41+50N	.1	1.65	ND	ND	92	ND	.14	.2	9	17	28	1.69	.02	.33	253	ND	.01	19	.10	4	ND	ND	ND	ND	12	ND	ND	89
99+00W 42+00N	.1	1.41	5	ND	54	ND	.16	.1	9	24	26	1.87	.04	.50	151	ND	.01	23	.05	4	ND	ND	ND	ND	15	ND	ND	55
99+00W 43+50N	.1	1.86	5	ND	65	ND	.24	.1	10	14	21	1.79	.04	.34	330	ND	.01	17	.12	6	ND	ND	ND	1	19	ND	ND	159
99+00W 44+50N	.1	1.70	10	ND	76	ND	.20	.1	9	15	40	1.65	.04	.30	228	ND	.01	20	.03	4	ND	ND	ND	ND	14	ND	ND	57
99+00W 45+00N	.3	2.52	8	ND	64	ND	.28	.1	14	12	27	1.87	.05	.22	230	ND	.01	19	.07	7	ND	ND	ND	1	25	ND	ND	92
99+00W 45+50N	.1	3.11	ND	ND	117	ND	.26	.1	14	30	49	2.28	.06	.51	247	ND	.01	34	.04	8	ND	ND	ND	1	35	ND	ND	130
99+00W 46+00N	.1	2.70	ND	ND	102	ND	.34	.1	18	18	62	3.28	.08	.43	407	ND	.01	29	.04	8	ND	ND	ND	2	27	ND	ND	79
99+00W 47+00N	.1	2.10	3	ND	82	ND	.21	.1	16	14	32	1.85	.05	.31	179	ND	.01	22	.02	6	ND	ND	ND	ND	19	ND	ND	66
99+00W 48+50N	.1	1.14	10	ND	54	ND	.15	.1	5	11	15	1.50	.03	.19	128	ND	.01	8	.05	7	ND	ND	ND	ND	13	ND	ND	48
99+00W 49+50N	.2	2.76	8	ND	87	ND	.37	.1	18	35	104	3.51	.09	.77	305	1	.01	32	.04	8	ND	ND	ND	1	32	ND	ND	48
99+00W 50+00N	.1	2.05	9	ND	87	ND	.24	.1	13	20	56	2.41	.06	.38	286	ND	.01	22	.09	6	ND	ND	ND	3	21	ND	ND	93
99+00W 50+50N	.1	2.61	ND	ND	87	ND	.28	.1	16	22	75	2.97	.07	.47	305	1	.01	25	.04	4	ND	ND	ND	2	20	ND	ND	89
99+00W 51+00N	.1	1.02	14	ND	87	ND	.20	.2	10	11	47	1.57	.05	.26	855	ND	.01	12	.05	5	ND	ND	ND	ND	23	ND	ND	96
99+00W 51+50N	.2	1.82	8	ND	97	ND	.27	.4	12	36	46	2.22	.06	.77	334	ND	.01	30	.07	5	ND	ND	7	1	26	ND	ND	94
99+00W 52+00N	.5	3.60	ND	ND	110	8	.55	.4	34	170	56	3.29	.09	5.04	366	ND	.01	393	.04	6	ND	ND	ND	6	53	ND	10	57
99+00W 52+50N	.6	2.83	12	ND	73	ND	.48	.6	11	37	933	2.20	.08	.38	1493	5	.01	109	.04	8	ND	ND	ND	1	31	ND	ND	164
99+00W 53+00N	.4	2.20	ND	ND	114	ND	.43	.4	11	25	83	2.24	.07	.49	249	1	.01	38	.02	5	ND	ND	ND	ND	31	ND	ND	85
99+00W 54+00N	.2	1.71	8	ND	87	ND	.16	.1	10	19	41	1.92	.05	.38	217	ND	.01	20	.05	9	ND	ND	ND	ND	17	ND	ND	68
99+00W 54+50N	.3	1.53	8	ND	77	ND	.14	.1	14	15	80	1.92	.05	.25	476	ND	.01	19	.05	9	ND	ND	ND	ND	13	ND	ND	151
99+00W 55+00N	.4	1.33	10	ND	45	ND	.22	.2	8	24	20	1.63	.05	.37	301	2	.01	17	.01	5	ND	ND	ND	2	17	ND	ND	62
99+00W 55+50N	.1	2.73	4	ND	96	ND	.28	.1	13	26	38	2.37	.07	.58	258	ND	.01	20	.09	5	ND	ND	ND	2	29	ND	ND	95
99+00W 56+00N	.2	1.70	8	ND	76	ND	.18	.1	11	29	33	2.06	.06	.55	253	ND	.01	24	.04	5	ND	ND	ND	2	17	ND	ND	61
99+00W 56+50N	.2	1.44	10	ND	64	ND	.31	.2	9	26	23	1.83	.06	.45	265	ND	.01	19	.04	4	ND	ND	ND	1	22	ND	ND	65
99+00W 57+00N	.4	1.73	9	ND	86	ND	.20	.2	9	24	19	1.88	.06	.44	136	ND	.01	25	.08	5	ND	ND	ND	1	18	ND	ND	87
99+00W 57+50N	.5	1.25	11	ND	47	3	.16	.1	9	26	27	1.73	.07	.46	158	ND	.01	21	.02	6	ND	ND	3	1	17	ND	ND	45

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CC PPM	CD PPM	CE PPM	CU PPM	FE %	SI %	MG %	MN PPM	MO PPM	NA %	N1 PPM	P %	SE %	SO PPM	TI PPM	SR PPM	ZN PPM	U PPM	V PPM	IN PPM		
STD74+AL	10.6	3.10	39	10	40	8	1.38	10.5	33	53	160	2.90	1.28	1.58	610	37	1.60	625	1.09	1.8	9	ND	24	20	26	27	3	87	
99+00W 58+00N	.5	1.86	7	ND	82	ND	.20	.2	10	29	25	2.03	1.01	1.41	226	ND	1.01	25	1.03	8	ND	ND	ND	2	16	ND	ND	81	
100+00W 40+00N	.3	1.97	4	ND	93	ND	.27	.1	9	23	20	1.92	1.06	1.40	339	ND	1.01	21	1.04	8	ND	ND	ND	1	21	ND	ND	153	
100+00W 40+50N	.5	1.93	7	ND	80	ND	.23	.4	10	24	25	2.02	1.06	1.47	274	ND	1.01	20	1.06	8	ND	ND	ND	3	24	ND	ND	123	
100+00W 41+00N	.4	2.05	7	ND	56	ND	.20	.3	11	24	28	2.23	1.07	1.49	286	ND	1.01	25	1.11	11	ND	ND	ND	2	25	ND	ND	115	
100+00W 41+50N	.3	1.46	9	ND	62	ND	.13	.1	7	15	12	1.44	1.05	1.28	357	ND	1.01	15	1.05	7	ND	ND	ND	ND	17	ND	ND	100	
100+00W 42+00N	.2	1.65	11	ND	55	ND	.14	.3	6	13	11	1.18	1.04	1.19	370	ND	1.01	11	1.04	8	ND	ND	ND	ND	11	ND	ND	84	
100+00W 42+50N	.6	1.93	8	ND	66	ND	.55	.6	13	32	52	2.45	1.10	1.53	419	ND	1.01	28	1.06	8	ND	ND	ND	2	35	5	ND	96	
100+00W 43+00N	.4	1.85	9	ND	65	ND	.23	.2	10	19	35	1.77	1.08	1.36	323	ND	1.01	20	1.05	7	ND	ND	ND	2	19	ND	ND	140	
100+00W 43+50N	.4	1.59	11	ND	44	ND	.21	.4	9	17	35	1.66	1.06	1.34	204	ND	1.01	19	1.03	7	ND	ND	ND	2	21	ND	ND	117	
100+00W 44+00N	.5	2.17	6	ND	50	ND	.41	.1	12	13	20	1.96	1.07	1.33	650	ND	1.01	19	1.09	10	ND	ND	ND	3	18	ND	ND	121	
100+00W 44+50N	.3	1.52	11	ND	50	ND	.31	.3	11	16	17	1.56	1.05	1.23	543	ND	1.01	15	1.04	14	ND	ND	ND	1	23	ND	ND	165	
100+00W 45+50N	.4	1.74	9	ND	104	ND	.25	.4	9	19	24	1.75	1.06	1.36	362	ND	1.01	15	1.03	8	ND	ND	ND	3	17	ND	ND	81	
100+00W 46+00N	.4	1.93	6	ND	92	ND	.19	.6	12	32	17	2.22	1.07	1.57	347	ND	1.01	23	1.14	7	ND	ND	ND	3	16	ND	ND	155	
100+00W 46+50N	.4	2.84	10	ND	82	3	.37	.5	18	33	113	3.54	1.11	1.73	502	ND	1.01	40	1.06	10	ND	ND	ND	5	32	ND	ND	161	
100+00W 47+00N	.5	2.18	13	ND	93	ND	.64	1.1	18	31	123	3.16	1.12	1.62	813	ND	1.01	33	1.10	11	ND	ND	ND	3	45	ND	ND	165	
100+00W 47+50N	.6	1.72	9	ND	90	ND	.30	.8	12	9	18	1.76	1.06	1.42	1016	ND	1.01	18	1.05	10	ND	ND	ND	4	3	33	ND	NC	267
100+00W 48+00N	.4	1.68	11	ND	78	ND	.20	.4	8	20	17	1.62	1.06	1.39	473	ND	1.01	16	1.05	9	ND	ND	ND	2	18	ND	ND	197	
100+00W 48+50N	.4	2.21	9	ND	67	ND	.23	.5	11	28	42	2.17	1.08	1.51	275	ND	1.01	26	1.05	8	ND	ND	ND	ND	19	ND	ND	116	
100+00W 49+00N	.4	1.65	10	ND	81	ND	.22	.3	8	18	11	1.50	1.06	1.32	424	ND	1.01	15	1.07	8	ND	ND	ND	ND	17	ND	ND	199	
100+00W 53+50N	.5	1.76	8	ND	77	ND	.24	.4	12	14	66	2.00	1.08	1.33	233	ND	1.01	14	1.04	7	ND	ND	ND	3	3	16	3	ND	84
100+00W 54+00N	.4	2.46	9	ND	121	ND	.24	.4	16	26	75	2.92	1.08	1.49	508	ND	1.01	34	1.17	11	ND	ND	ND	3	24	ND	ND	157	
100+00W 54+50N	.4	1.27	13	ND	78	ND	.14	.3	9	12	12	1.23	1.05	1.20	274	ND	1.01	12	1.05	7	ND	ND	ND	1	13	ND	ND	77	
100+00W 55+00N	.6	1.65	16	ND	84	ND	.20	.4	12	21	26	1.78	1.07	1.37	298	ND	1.01	21	1.15	9	ND	ND	ND	3	1	17	ND	ND	111
100+00W 55+50N	.2	1.26	35	ND	117	ND	.19	.2	9	15	50	2.98	1.08	1.25	172	ND	1.01	16	1.05	12	ND	ND	22	ND	16	ND	ND	54	
100+00W 56+00N	.3	.59	15	ND	64	ND	.10	.3	9	6	22	1.18	1.03	1.10	789	ND	1.01	2	1.04	5	ND	ND	ND	ND	8	ND	ND	43	
100+00W 56+50N	.5	2.52	7	ND	75	ND	.33	.5	13	32	25	2.42	1.08	1.57	206	ND	1.01	28	1.08	6	ND	ND	ND	4	19	ND	ND	132	
100+00W 57+00N	.6	1.43	12	ND	75	ND	.22	.4	9	27	20	1.88	1.07	1.44	233	ND	1.01	17	1.08	9	ND	ND	ND	3	21	ND	ND	67	
100+00W 57+50N	.4	1.44	11	ND	70	ND	.26	.3	11	30	31	2.00	1.07	1.48	255	ND	1.01	22	1.04	5	ND	ND	ND	3	19	ND	ND	53	
100+00W 58+00N	.4	1.11	12	ND	65	ND	.15	.2	6	16	10	1.39	1.05	1.21	225	ND	1.01	9	1.11	4	ND	ND	ND	2	12	ND	ND	66	
101+00W 40+00N	.2	.93	8	ND	94	ND	.46	.6	7	15	18	1.35	1.04	1.21	1398	ND	1.01	15	1.19	5	ND	ND	ND	3	43	ND	ND	107	
101+00W 40+50N	.1	2.04	5	ND	85	ND	.20	.4	9	21	25	1.94	1.05	1.39	577	ND	1.01	20	1.07	7	ND	ND	ND	2	26	ND	ND	136	
101+00W 41+00N	.2	2.48	8	ND	63	ND	.32	.3	11	20	31	2.03	1.06	1.41	311	ND	1.01	24	1.10	8	ND	ND	ND	1	29	ND	ND	117	
101+00W 41+50N	.3	1.78	11	ND	76	ND	.27	.2	8	15	18	1.66	1.05	1.34	424	ND	1.01	15	1.15	7	ND	ND	ND	1	22	ND	ND	132	
101+00W 42+00N	.3	1.98	10	ND	87	ND	.20	.4	10	20	27	1.92	1.06	1.36	336	ND	1.01	25	1.13	16	ND	ND	ND	1	17	ND	ND	166	
101+00W 42+50N	.4	1.94	11	ND	86	ND	.23	.8	9	20	18	1.63	1.06	1.33	786	ND	1.01	20	1.14	9	ND	ND	ND	3	17	ND	ND	296	
101+00W 43+00N	.3	1.81	10	ND	82	ND	.29	.4	14	24	112	2.33	1.08	1.50	384	ND	1.01	24	1.05	10	ND	ND	ND	2	24	ND	ND	128	
101+00W 43+50N	.3	2.10	11	ND	91	ND	.25	.3	11	23	51	2.02	1.06	1.44	284	ND	1.01	27	1.12	9	ND	ND	ND	4	24	ND	ND	150	
101+00W 44+00N	.2	3.46	ND	ND	106	ND	.38	.6	17	30	56	2.73	1.08	1.66	335	ND	1.01	45	1.07	8	ND	ND	ND	2	123	ND	ND	118	
101+00W 44+50N	.4	1.70	9	ND	47	ND	.28	.4	11	19	34	1.62	1.05	1.45	370	ND	1.01	29	1.05	18	ND	ND	ND	1	22	ND	ND	192	

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PE PPM	PG PPM	PI PPM	SB PPM	SN PPM	SF PPM	U PPM	V PPM	ZN PPM
STD74+AL	10.6	3.10	31	10	40	8	1.38	10.5	33	53	160	3.00	1.28	1.09	610	37	1.69	686	1.09	68	9	ND	24	20	26	27	3	57
101+00W 45+00N	.2	2.63	ND	ND	78	ND	.32	.1	15	30	32	2.35	.07	.62	642	ND	.01	50	1.04	24	ND	ND	ND	1	55	ND	ND	269
101+00W 45+50N	.2	2.58	4	ND	71	ND	.37	.2	15	29	51	2.74	.08	.70	323	ND	.01	45	1.12	9	ND	ND	ND	5	37	ND	ND	124
101+00W 46+50N	.1	1.76	13	ND	70	ND	.24	.1	9	17	22	1.91	.04	.35	219	ND	.01	18	1.20	6	ND	ND	ND	1	25	ND	ND	117
101+00W 47+00N	.1	1.94	9	ND	70	ND	.22	.1	10	21	25	2.03	.06	.46	223	ND	.01	22	1.07	6	ND	ND	ND	1	22	ND	ND	121
101+00W 47+50N	.2	2.40	5	ND	67	ND	.33	.1	12	25	37	1.05	.06	.48	227	ND	.01	31	1.09	10	ND	ND	ND	1	30	ND	ND	147
101+00W 48+00N	.2	3.12	17	ND	112	ND	.34	.3	20	20	105	3.71	.09	.63	328	ND	.01	31	1.09	9	ND	ND	ND	2	42	ND	ND	126
101+00W 48+50N	.1	1.30	18	ND	67	ND	.20	.2	7	9	14	1.25	.04	.21	361	ND	.01	11	1.11	1	ND	ND	ND	ND	23	ND	ND	88
101+00W 49+00N	.1	1.64	11	ND	62	ND	.25	.1	9	20	29	1.79	.05	.43	202	ND	.01	16	1.04	1	ND	ND	ND	1	19	ND	ND	77
101+00W 49+50N	.1	1.02	19	ND	111	ND	.13	.1	5	9	8	1.06	.02	.12	576	ND	.01	5	1.19	6	ND	ND	ND	1	10	ND	ND	57
101+00W 50+00N	.1	2.04	5	ND	84	ND	.21	.1	11	19	19	1.78	.05	.32	247	ND	.01	27	1.09	9	ND	ND	ND	1	17	ND	ND	120
101+00W 50+50N	.3	1.65	93	ND	49	ND	.18	.2	13	16	48	2.23	.06	.35	304	ND	.01	20	1.11	9	ND	ND	ND	1	11	ND	ND	50
101+00W 51+00N	.2	1.99	19	ND	61	ND	.17	.1	7	11	20	1.31	.03	.20	423	ND	.01	9	1.05	7	ND	ND	ND	ND	17	ND	ND	60
101+00W 51+50N	.3	2.11	40	ND	94	ND	.17	.4	16	19	81	3.21	.07	.64	367	1	.01	19	1.17	9	ND	ND	ND	1	16	ND	ND	124
101+00W 52+00N	.2	1.58	13	ND	22	ND	.07	.1	5	4	11	1.89	.01	.09	269	ND	.01	4	1.05	4	ND	ND	ND	ND	4	ND	ND	40
101+00W 52+50N	.4	1.70	21	ND	178	ND	.45	.6	15	14	68	2.74	.07	.38	2446	1	.01	12	1.11	10	ND	ND	ND	1	42	ND	ND	156
101+00W 53+00N	.2	1.18	10	ND	88	ND	.22	.1	8	13	26	1.31	.04	.27	635	ND	.01	12	1.08	6	ND	ND	ND	2	24	ND	ND	111
101+00W 53+50N	.2	2.32	ND	ND	87	ND	.21	.1	14	24	89	2.74	.06	.52	328	ND	.01	28	1.05	10	ND	ND	ND	3	23	ND	ND	121
101+00W 54+00N	.5	2.66	8	ND	93	ND	.54	.4	19	35	98	3.25	.10	.92	716	1	.01	36	1.26	10	ND	ND	ND	4	56	ND	ND	86
101+00W 54+50N	.3	1.65	6	ND	67	ND	.27	.1	13	15	39	1.72	.05	.33	397	ND	.01	21	1.07	6	ND	ND	ND	ND	23	ND	ND	113
101+00W 55+00N	.3	1.44	9	ND	73	ND	.19	.2	8	16	16	1.42	.04	.31	303	ND	.01	22	1.10	5	ND	ND	ND	ND	16	ND	ND	142
101+00W 55+50N	.2	1.63	7	ND	75	ND	.17	.1	10	17	14	1.62	.04	.31	292	ND	.01	16	1.04	7	ND	ND	ND	ND	16	ND	ND	111
101+00W 56+00N	.2	1.53	7	ND	92	ND	.22	.2	8	22	23	1.71	.05	.37	258	ND	.01	20	1.10	6	ND	ND	ND	ND	17	ND	ND	92
101+00W 56+50N	.2	1.65	6	ND	103	ND	.24	.2	9	19	16	1.72	.05	.31	314	ND	.01	18	1.14	6	ND	ND	ND	ND	21	ND	ND	124
101+00W 57+00N	.6	1.75	ND	ND	94	ND	.76	.6	12	32	57	2.28	.10	.55	677	1	.01	24	1.05	8	ND	ND	ND	ND	45	ND	ND	52
101+00W 57+50N	.6	1.70	7	ND	94	ND	.49	.3	10	29	44	2.25	.08	.62	331	1	.01	26	1.07	9	ND	ND	3	ND	33	ND	ND	50
101+00W 58+00N	.6	2.05	4	ND	84	ND	.31	.1	10	27	38	2.19	.07	.38	284	1	.01	24	1.04	10	ND	ND	ND	1	25	ND	ND	80
102+00W 40+00N	.2	2.11	4	ND	72	ND	.27	.1	10	27	24	2.01	.06	.49	389	ND	.01	21	1.06	7	ND	ND	ND	ND	25	ND	ND	126
102+00W 40+40N	.3	1.80	3	ND	68	ND	.29	.1	10	25	25	2.07	.07	.49	225	ND	.01	21	1.03	6	ND	ND	ND	1	20	ND	ND	67
102+00W 41+00N	.3	2.42	ND	ND	99	ND	.19	.2	11	18	29	1.95	.06	.36	459	ND	.01	20	1.13	9	ND	ND	ND	ND	18	ND	ND	156
102+00W 42+00N	.1	2.26	ND	ND	76	ND	.22	.1	10	17	24	1.95	.05	.38	347	ND	.01	20	1.02	10	ND	ND	ND	ND	24	ND	ND	80
102+00W 42+50N	.2	2.07	7	ND	115	ND	.67	.8	14	24	27	2.58	.09	.41	1301	ND	.01	20	1.25	10	ND	ND	ND	ND	44	ND	ND	171
102+00W 43+00N	.3	2.33	4	ND	51	ND	.30	.4	11	24	49	2.31	.07	.56	332	ND	.01	23	1.06	14	ND	ND	ND	ND	29	ND	ND	102
102+00W 43+50N	.4	1.80	5	ND	68	ND	.20	.2	10	24	22	1.99	.07	.45	304	ND	.01	24	1.09	9	ND	ND	ND	ND	19	ND	ND	99
102+00W 44+00N	.3	1.35	7	ND	96	ND	.23	.4	8	20	29	1.69	.06	.35	497	ND	.01	14	1.06	9	ND	ND	3	ND	19	ND	ND	90
102+00W 44+50N	.4	2.65	4	ND	92	ND	.44	.4	15	36	46	3.47	.09	.95	558	1	.01	38	1.09	11	ND	ND	ND	ND	33	ND	ND	147
102+00W 45+00N	.2	2.56	4	ND	65	ND	.29	.4	14	23	50	2.68	.07	.54	561	ND	.01	28	1.12	10	ND	ND	ND	ND	40	ND	ND	214
102+00W 45+50N	.2	4.34	13	ND	121	ND	.57	.8	19	38	32	4.48	.12	1.06	1859	1	.01	33	1.40	20	ND	ND	ND	1	59	ND	4	253
102+00W 46+50N	.3	2.11	4	ND	76	ND	.41	.2	10	25	29	2.15	.08	.49	245	ND	.01	22	1.04	7	ND	ND	ND	ND	33	ND	ND	89
102+00W 47+00N	.3	2.28	6	ND	85	ND	.46	.2	10	22	33	2.12	.08	.46	421	ND	.01	19	1.02	10	ND	ND	ND	ND	44	ND	ND	136

SAMPLE NAME	AG PPM	AL I	AS PPM	AD PPM	BA PPM	BI PPM	CA I	CE PPM	CO PPM	CR PPM	CU PPM	FE I	I I	MG I	MN PPM	MO PPM	NI I	NI PPM	P I	PE PPM	PD PPM	PT PPM	SB PPM	SY PPM	SF PPM	U PPM	# PPM	Zn PPM
STD74+AL	10.6	3.10	31	10	40	8	1.38	10.3	33	53	160	3.00	.26	.59	610	37	.26	698	.09	68	9	ND	24	20	26	27	3	87
102+00W 47+50N	.4	1.20	14	ND	59	ND	.26	.1	7	8	10	1.27	.06	.17	388	ND	.01	11	.10	18	ND	ND	ND	ND	22	ND	ND	101
102+00W 48+00N	.1	4.08	3	ND	46	ND	.72	.1	40	19	165	5.63	.11	.51	501	1	.01	61	.12	15	ND	ND	ND	ND	26	ND	ND	111
102+00W 48+50N	.1	.74	17	ND	43	ND	.20	.1	4	5	5	.98	.01	.11	462	ND	.01	4	.09	5	ND	ND	ND	ND	17	ND	ND	61
102+00W 49+00N	.1	1.76	8	ND	81	ND	.18	.1	7	22	12	1.62	.04	.39	212	ND	.01	23	.07	4	ND	ND	ND	ND	17	ND	ND	77
102+00W 49+50N	.1	2.31	24	ND	107	ND	.23	.1	11	20	27	2.20	.05	.45	432	ND	.01	22	.12	7	ND	ND	ND	ND	30	ND	ND	124
102+00W 50+00N	.1	1.71	12	ND	82	ND	.21	.1	9	23	38	1.93	.04	.49	276	ND	.01	20	.03	5	ND	ND	ND	ND	18	ND	ND	76
102+00W 50+50N	.1	.81	19	ND	56	ND	.20	.1	9	5	43	1.66	.02	.11	522	ND	.01	7	.04	3	ND	ND	ND	ND	27	ND	ND	58
102+00W 51+00N	.1	1.18	22	ND	38	ND	.10	.1	7	5	15	1.79	.02	.10	185	ND	.01	5	.08	16	ND	ND	ND	ND	8	ND	ND	44
102+00W 51+50N	.1	1.98	12	ND	64	ND	.16	.1	10	21	28	2.01	.04	.44	417	ND	.01	19	.04	7	ND	ND	ND	ND	15	ND	ND	87
102+00W 52+00N	.1	1.45	10	ND	100	ND	.16	.1	7	19	19	1.49	.03	.36	298	ND	.01	15	.04	8	ND	ND	ND	ND	13	ND	ND	67
102+00W 52+50N	.1	2.06	3	ND	146	ND	.25	.1	9	30	52	1.94	.05	.54	410	ND	.01	28	.14	6	ND	ND	ND	ND	24	ND	ND	109
102+00W 53+00N	.2	1.45	8	ND	69	ND	.19	.1	10	17	20	1.54	.04	.30	275	ND	.01	16	.11	6	ND	ND	ND	ND	17	ND	ND	102
102+00W 53+50N	.1	1.78	3	ND	91	ND	.18	.1	9	15	32	1.50	.03	.39	193	ND	.01	19	.02	3	ND	ND	ND	ND	18	ND	ND	71
102+00W 54+00N	.1	1.89	6	ND	126	ND	.27	.1	9	26	39	1.88	.04	.45	646	ND	.01	22	.06	3	ND	ND	ND	ND	30	ND	ND	93
102+00W 54+50N	.1	1.65	6	ND	82	ND	.17	.1	8	17	14	1.46	.04	.30	280	ND	.01	17	.08	6	ND	ND	ND	ND	18	ND	ND	143
102+00W 55+00N	.1	1.07	9	ND	57	ND	.18	.1	11	9	11	1.59	.02	.29	222	ND	.01	12	.06	5	ND	ND	ND	ND	13	ND	ND	101
102+00W 55+50N	.1	1.17	9	ND	54	ND	.23	.1	8	12	8	1.21	.03	.22	296	ND	.01	12	.06	3	ND	ND	ND	ND	24	ND	ND	120
102+00W 56+00N	.1	1.77	3	ND	60	ND	.23	.1	17	16	35	1.76	.04	.42	210	ND	.01	26	.04	7	ND	ND	ND	ND	17	ND	ND	94
102+00W 56+50N	.1	1.68	6	ND	81	ND	.20	.1	11	15	15	1.71	.04	.33	241	ND	.01	21	.06	5	ND	ND	ND	ND	16	ND	ND	146
102+00W 57+00N	.1	2.41	ND	ND	114	ND	.23	.1	13	33	27	2.38	.05	.53	321	ND	.01	26	.15	7	ND	ND	ND	1	19	ND	ND	138
102+00W 57+50N	.3	2.30	4	ND	94	ND	.26	.1	11	29	53	2.35	.06	.42	259	ND	.01	33	.09	7	ND	ND	ND	ND	20	ND	ND	75
102+00W 58+00N	.1	1.46	9	ND	50	ND	.29	.1	6	17	30	1.57	.04	.28	164	ND	.01	19	.04	5	ND	ND	ND	ND	18	ND	ND	62
103+00W 50+00N	.1	1.25	15	ND	24	ND	.09	.1	7	5	5	1.42	.01	.08	224	ND	.01	5	.04	4	ND	ND	ND	ND	7	ND	ND	49
103+00W 51+00N	.1	2.91	32	ND	80	ND	.32	.1	16	19	91	3.80	.08	.70	399	ND	.01	25	.19	8	ND	ND	ND	2	31	ND	ND	385
103+00W 51+50N	.1	2.23	9	ND	96	ND	.23	.1	9	18	49	2.15	.06	.56	490	ND	.01	15	.05	6	ND	ND	ND	ND	18	ND	ND	98
103+00W 52+00N	.1	2.13	5	ND	135	ND	.27	.1	8	21	41	2.07	.05	.44	302	ND	.01	21	.17	7	ND	ND	ND	ND	21	ND	ND	138
103+00W 53+00N	.1	2.62	4	ND	96	ND	.31	.1	14	31	61	2.54	.06	.55	267	ND	.01	31	.03	6	ND	ND	ND	ND	34	ND	ND	102
103+00W 53+50N	.2	2.19	50	ND	136	3	.52	.1	22	22	99	3.74	.10	.82	2011	ND	.01	18	.10	8	ND	ND	ND	1	33	ND	ND	126
103+00W 54+00N	.2	1.88	12	ND	82	ND	.30	.1	11	31	29	2.11	.06	.52	237	ND	.01	23	.03	7	ND	ND	ND	2	26	ND	ND	64
103+00W 54+50N	.1	3.30	ND	ND	105	ND	.40	.1	31	30	55	4.04	.09	.60	382	ND	.01	56	.09	6	ND	ND	ND	1	37	ND	ND	119
103+00W 55+00N	.1	2.19	13	ND	56	ND	.41	.1	33	16	23	3.55	.08	.26	592	ND	.01	21	.15	5	ND	ND	ND	ND	19	ND	ND	89
103+00W 55+50N	.1	1.93	10	ND	74	ND	.23	.1	14	26	26	2.16	.05	.44	254	ND	.01	24	.08	10	ND	ND	ND	1	21	ND	ND	125
103+00W 56+00N	.5	3.41	ND	ND	84	ND	.36	.1	28	51	46	3.71	.08	.67	493	ND	.01	59	.06	11	ND	ND	ND	6	53	ND	3	112
103+00W 56+50N	.1	1.98	8	ND	37	ND	.22	.1	22	20	20	2.81	.05	.25	412	1	.01	15	.10	30	ND	ND	ND	2	10	ND	ND	350
103+00W 57+00N	.1	2.47	7	ND	79	ND	.20	.1	13	29	53	2.47	.06	.51	312	ND	.01	27	.12	7	ND	ND	ND	ND	15	ND	ND	124
103+00W 57+50N	.1	2.56	3	ND	96	ND	.29	.1	11	26	22	2.46	.06	.40	197	ND	.01	24	.09	6	ND	ND	ND	1	20	ND	ND	136
103+00W 58+00N	.2	2.06	5	ND	102	ND	.34	.1	13	32	42	2.36	.07	.64	243	ND	.01	29	.05	5	ND	ND	ND	2	30	ND	ND	57



VANGEOCHEM LAB LIMITED

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

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

RECEIVED
JUL 29 1985
VANGEOCHEM

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: July 26 1985

REPORT#: 85-39-045
JOB#: 85196

PROJECT#: 5067
SAMPLES ARRIVED: July 18 1985
REPORT COMPLETED: July 26 1985
ANALYSED FOR: Au ICP

INVOICE#: 8756
TOTAL SAMPLES: 221
SAMPLE TYPE: 221 SOIL
REJECTS: DISCARDED

SAMPLES FROM: MASCOT GOLD MINES LTD.
COPY SENT TO: MARK TINDALL

PREPARED FOR: LEN SALAKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: 

GENERAL REMARK: PO# 4047



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REPORT NUMBER: 85-39-045

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MASCOT GOLD MINES LTD.

PAGE 1 OF 6

SAMPLE #	Au ppb
KS 009	5
91+00W 52+50N	nd
91+00W 53+00N	10
91+00W 53+50N	20
91+00W 54+00N	nd
91+00W 54+50N	10
91+00W 55+00N	nd
91+00W 55+50N	nd
91+00W 56+00N	nd
91+00W 56+50N	40
91+00W 57+00N	20
91+00W 57+50N	15
91+00W 67+00N	nd
91+00W 67+50N	15
91+00W 68+00N	5
91+00W 68+50N	15
91+00W 69+50N	5
91+00W 70+00N	5
91+00W 70+50N	nd
91+00W 71+00N	nd
91+00W 71+50N	5
91+00W 72+00N	15
91+00W 72+50N	10
91+00W 73+00N	10
91+00W 73+50N	10
91+00W 74+00N	10
91+00W 74+50N	10
91+00W 75+00N	20
92+00W 40+00N	5
92+00W 40+50N	15
92+00W 41+00N	5
92+00W 41+50N	nd
92+00W 42+00N	90
92+00W 42+50N	5
92+00W 43+00N	nd
92+00W 43+50N	nd
92+00W 44+00N	5
92+00W 44+50N	nd
92+00W 46+00N	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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JOB NUMBER: 85196

MARICOT GOLD MINES LTD.

PAGE 2 OF 6

SAMPLE #	Au
	ppb
92+00W 46+50N	nd
92+00W 47+00N	10
92+00W 47+50N	nd
92+00W 48+00N	15
92+00W 48+50N	nd
92+00W 49+00N	5
92+00W 49+50N	5
92+00W 50+00N	10
92+00W 52+00N	5
92+00W 52+50N	nd
92+00W 53+00N	5
92+00W 53+50N	10
92+00W 54+00N	5
92+00W 55+00N	nd
92+00W 55+50N	nd
92+00W 56+00N	nd
92+00W 56+50N	30
92+00W 57+00N	10
92+00W 57+50N	nd
92+00W 69+50N	25
92+00W 70+00N	5
92+00W 70+50N	10
L92W 71+00N	nd
L92W 71+50N	nd
L92W 72+00N	nd
L92W 72+50N	nd
L92W 73+00N	nd
L92W 73+50N	nd
L92W 74+00N	10
L92W 74+50N	nd
L92W 75+00N	nd
93+00W 45+00N	5
93+00W 45+50N	10
93+00W 46+00N	10
93+00W 46+50N	nd
93+00W 47+00N	nd
93+00W 47+50N	nd
93+00W 48+00N	nd
93+00W 48+50N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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MASCOT GOLD MINES LTD.

PAGE 3 OF 6

SAMPLE #	Au
93+00W 49+00N	nd
93+00W 49+50N	nd
L93W 69+50N	nd
L93W 70+00N	nd
L93W 70+50N	5
L93W 71+00N	nd
L93W 71+50N	60
L93W 72+00N	nd
L93W 72+50N	nd
L93W 73+00N	nd
L93W 73+50N	20
L93W 74+00N	nd
L93W 75+00N	nd
94+00W 40+00N	30
94+00W 40+50N	nd
94+00W 42+00N	nd
94+00W 43+00N	nd
94+00W 44+00N	nd
94+00W 44+50N	10
94+00W 45+00N	10
94+00W 45+50N	10
94+00W 46+00N	5
94+00W 46+50N	10
94+00W 47+00N	nd
94+00W 47+50N	nd
94+00W 48+00N	10
94+00W 48+50N	nd
94+00W 49+00N	5
94+00W 49+50N	5
94+00W 50+00N	nd
94+00W 50+50N	nd
94+00W 51+00N	30
94+00W 51+50N	nd
94+00W 52+00N	nd
94+00W 52+50N	nd
94+00W 54+50N	nd
94+00W 55+00N	nd
94+00W 55+50N	10
94+00W 56+00N	10

DETECTION LIMIT

5

nd = none detected

— = not analysed

is = insufficient sample



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MASCOT GOLD MINES LTD.

PAGE 4 OF 6

SAMPLE #	Au ppb
94+00W 56+50N	10
94+00W 57+00N	nd
94+00W 57+50N	10
95+00W 52+50N	10
95+00W 53+00N	10
95+00W 55+50N	5
95+00W 56+00N	10
95+00W 56+50N	nd
95+00W 57+00N	10
95+00W 57+50N	10
96+00W 40+00N	nd
96+00W 40+50N	5
96+00W 41+00N	10
96+00W 42+00N	10
96+00W 42+50N	nd
96+00W 43+00N	nd
96+00W 43+50N	nd
96+00W 44+00N	nd
96+00W 45+00N	nd
96+00W 45+50N	5
96+00W 46+00N	nd
96+00W 46+50N	nd
96+00W 47+00N	nd
96+00W 47+50N	5
96+00W 48+00N	10
96+00W 48+50N	5
96+00W 49+00N	5
96+00W 49+50N	10
96+00W 50+00N	20
96+00W 50+50N	25
96+00W 51+00N	60
96+00W 51+50N	5
96+00W 52+00N	nd
96+00W 52+50N	10
96+00W 53+00N	10
96+00W 53+50N	nd
96+00W 54+00N	5
96+00W 54+50N	5
96+00W 55+00N	5

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample



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(604) 251-5656

REPORT NUMBER: 85-39-045

JOB NUMBER: 85196

MASCOT GOLD MINES LTD.

PAGE 5 OF 6

SAMPLE #	Au
	ppb
96+00W 55+50N	nd
96+00W 56+00N	nd
96+00W 56+50N	nd
96+00W 57+00N	nd
96+00W 57+50N	55
96+00W 58+00N	nd
97+00W 40+00N	10
97+00W 41+00N	nd
97+00W 41+50N	10
97+00W 42+00N	10
97+00W 42+50N	nd
97+00W 43+00N	nd
97+00W 43+50N	nd
97+00W 44+00N	nd
97+00W 44+50N	20
97+00W 45+00N	nd
97+00W 45+50N	nd
97+00W 46+50N	nd
97+00W 47+00N	nd
97+00W 47+50N	5
97+00W 48+00N	nd
97+00W 48+50N	20
97+00W 49+00N	15
97+00W 49+50N	20
97+00W 50+00N	nd
97+00W 50+50N	5
97+00W 51+00N	10
97+00W 51+50N	10
97+00W 52+00N	nd
97+00W 52+50N	nd
97+00W 53+00N	25
97+00W 53+50N	150 /
97+00W 54+00N	nd
97+00W 54+50N	10
97+00W 55+00N	10
97+00W 55+50N	10
97+00W 56+00N	5
97+00W 56+50N	10
97+00W 57+00N	10

DETECTION LIMIT 5

nd = none detected

— = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-045

JOB NUMBER: 85196

MASCOT GOLD MINES LTD.

PAGE 6 OF 6

SAMPLE #	Au
97+00W 57+50N	nd
98+00W 40+00N	nd
98+00W 40+50N	15
98+00W 41+00N	nd
98+00W 41+50N	nd
98+00W 42+00N	10
98+00W 42+50N	nd
98+00W 43+00N	5
98+00W 43+50N	5
98+00W 44+50N	nd
98+00W 45+00N	25
98+00W 45+50N	20
98+00W 47+00N	10
98+00W 47+50N	370 ✓
98+00W 48+00N	nd
98+00W 48+50N	nd
98+00W 49+50N	nd
98+00W 50+00N	15
100+00W 49+50N	nd
100+00W 50+00N	10
100+00W 50+50N	10
100+00W 51+00N	370 ✓
100+00W 51+50N	nd
100+00W 52+00N	nd
100+00W 52+50N	25
100+00W 53+00N	nd

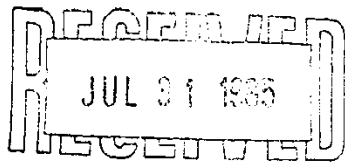
DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



V F 3 E I 4 E L A L T

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: MASCOT GOLD MINES
 ATTENTION:
 PROJECT: 5067 P.O. #4047

REPORT#: 85-30-045
 JOB#: 85196
 INVOICE#: 8756

DATE RECEIVED: 85/07/17
 DATE COMPLETED: 85/07/25
 COPY SENT TO:

ANALYST W. Rowe

PAGE 1 OF 6

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
STB74+AL	10.6	3.10	33	10	40	8	1.38	10.5	33	53	160	3.00	.28	.59	610	37	.60	686	.09	68	9	ND	24	19	26	27	3	87
K5009	.1	1.34	29	ND	160	ND	.90	.4	37	50	146	8.89	.21	.40	960	2	.05	64	.08	13	ND	ND	10	ND	71	ND	ND	107
91+00W 52+50W	.3	1.83	8	ND	81	ND	.30	.3	11	24	28	2.17	.07	.45	383	ND	.07	20	.04	8	ND	ND	ND	1	23	ND	4	96
91+00W 53+00W	.6	2.34	6	ND	88	ND	.17	.3	14	19	88	2.69	.07	.32	373	1	.08	22	.18	52	ND	ND	ND	3	21	ND	ND	113
91+00W 53+50W	.3	2.43	20	ND	93	3	.32	.2	19	27	92	3.05	.08	.66	614	ND	.06	24	.10	30	ND	ND	ND	3	25	ND	ND	102
91+00W 54+00W	.3	1.52	9	ND	76	ND	.13	.1	8	18	14	1.60	.05	.27	249	ND	.07	15	.06	9	ND	ND	ND	2	11	ND	ND	59
91+00W 54+50W	.5	2.85	5	ND	105	ND	.18	.1	15	27	34	2.88	.07	.44	268	1	.08	24	.08	13	ND	ND	ND	5	18	ND	ND	92
91+00W 55+00W	.6	3.17	6	ND	110	5	.30	.6	25	42	65	3.65	.10	.81	562	ND	.08	48	.16	14	ND	ND	ND	4	21	ND	5	158
91+00W 55+50W	.8	3.24	5	ND	73	9	.43	.5	37	86	37	2.92	.08	3.03	463	ND	.05	253	.05	15	ND	ND	ND	8	27	ND	13	159
91+00W 56+00W	.4	1.44	12	ND	73	3	.21	.3	11	18	26	1.73	.05	.33	447	ND	.06	27	.10	11	ND	ND	ND	ND	17	ND	ND	117
91+00W 56+50W	.5	2.51	28	ND	117	ND	.22	.4	14	27	30	2.63	.07	.42	490	ND	.07	34	.13	13	ND	ND	ND	ND	20	ND	ND	106
91+00W 57+00W	.4	1.82	11	ND	87	ND	.30	.1	22	24	52	2.43	.08	.35	634	ND	.07	39	.09	10	ND	ND	ND	ND	24	ND	ND	138
91+00W 57+50W	.6	2.77	10	ND	101	ND	.45	.4	27	41	115	4.36	.11	.50	438	3	.08	49	.12	13	ND	ND	ND	3	29	ND	ND	127
91+00W 67+00W	.6	2.11	4	ND	91	3	.20	.2	11	28	21	2.22	.07	.41	278	ND	.10	22	.07	13	ND	ND	ND	2	17	ND	ND	91
91+00W 67+50W	.6	2.67	4	ND	101	3	.23	.3	12	28	49	2.52	.08	.46	214	ND	.09	29	.09	19	ND	ND	ND	2	19	ND	ND	117
91+00W 68+00W	.6	2.56	4	ND	169	ND	.29	.1	10	20	44	2.33	.08	.39	257	ND	.06	19	.06	16	ND	ND	ND	ND	19	ND	ND	86
91+00W 68+50W	.6	2.64	8	ND	98	3	.25	.3	19	34	84	3.71	.10	.65	329	ND	.09	25	.09	17	ND	ND	ND	1	18	ND	ND	84
91+00W 69+50W	1.1	3.32	4	ND	96	ND	.51	.6	17	56	394	2.41	.11	.38	642	1	.17	144	.02	15	ND	ND	ND	ND	44	3	ND	56
91+00W 70+00W	.6	2.15	9	ND	85	ND	.25	.2	12	28	32	2.38	.09	.41	193	ND	.10	27	.05	15	ND	ND	3	ND	26	ND	3	80
91+00W 70+50W	.6	2.15	7	ND	79	ND	.30	.1	10	28	19	2.15	.08	.37	183	ND	.08	26	.13	13	ND	ND	ND	ND	20	ND	3	79
91+00W 71+00W	.5	1.78	7	ND	86	ND	.22	.1	9	27	24	1.92	.07	.42	159	ND	.08	26	.04	10	ND	ND	ND	ND	26	ND	ND	52
91+00W 71+50W	.6	1.43	9	ND	99	ND	.21	.2	9	24	31	1.76	.08	.41	251	ND	.09	28	.06	11	ND	ND	ND	ND	18	ND	ND	42
91+00W 72+00W	.6	2.05	10	ND	123	ND	.22	.3	12	29	27	2.23	.08	.45	330	ND	.09	31	.12	11	ND	ND	3	ND	14	ND	ND	93
91+00W 72+50W	.6	2.09	9	ND	89	3	.25	.1	11	30	21	2.23	.08	.44	246	ND	.10	28	.14	14	ND	ND	3	ND	17	ND	ND	82
91+00W 73+00W	.6	2.25	7	ND	107	4	.32	.4	13	35	34	2.68	.10	.63	378	ND	.10	28	.04	13	ND	ND	ND	1	25	ND	ND	71
91+00W 73+50W	.6	2.10	9	ND	118	3	.49	.2	11	33	19	2.49	.10	.50	308	ND	.11	23	.02	13	ND	ND	ND	ND	40	ND	ND	49
91+00W 74+00W	.8	2.47	6	ND	115	3	.29	.6	14	33	28	2.87	.09	.56	256	ND	.11	31	.09	16	ND	ND	ND	1	21	ND	ND	157
91+00W 74+50W	.8	2.11	9	ND	79	ND	.27	.2	9	27	18	2.29	.08	.34	122	ND	.09	20	.04	12	ND	ND	ND	ND	23	ND	ND	66
91+00W 75+00W	.8	2.07	23	ND	86	ND	.22	.4	18	23	56	2.77	.09	.32	368	ND	.08	39	.12	17	ND	ND	ND	ND	14	ND	ND	97
92+00W 40+00W	.6	1.75	7	ND	80	ND	.25	.3	15	14	68	2.02	.08	.27	304	ND	.07	20	.04	14	ND	ND	3	ND	24	ND	ND	99
92+00W 40+50W	.8	3.00	6	ND	179	ND	.28	.3	12	30	38	2.38	.09	.54	482	ND	.08	34	.12	16	ND	ND	3	ND	26	ND	ND	126
92+00W 41+00W	.6	2.29	15	ND	64	ND	.35	.1	20	24	57	2.75	.10	.46	347	ND	.08	35	.08	16	ND	ND	3	ND	25	ND	ND	73
92+00W 41+50W	.6	2.36	8	ND	162	ND	.52	.6	13	25	30	2.21	.10	.47	1010	ND	.10	26	.11	15	ND	ND	ND	ND	42	ND	ND	234
92+00W 42+00W	.8	1.99	7	ND	95	ND	.42	.4	11	33	28	2.41	.11	.54	290	ND	.10	25	.03	12	ND	ND	ND	ND	30	ND	ND	71
92+00W 42+50W	.6	2.25	9	ND	103	3	.36	.1	11	28	23	2.13	.09	.52	278	ND	.09	24	.03	13	ND	ND	ND	ND	25	ND	3	111
92+00W 43+00W	.8	2.44	7	ND	82	5	.48	.3	14	32	48	2.63	.10	.56	207	ND	.11	23	.03	14	ND	ND	ND	ND	39	ND	ND	61
92+00W 43+50W	.6	2.07	6	ND	110	ND	.24	.2	11	23	21	1.99	.08	.41	219	ND	.08	23	.06	12	ND	ND	ND	ND	17	ND	ND	90
92+00W 44+00W	.8	1.70	9	ND	87	3	.28	.1	11	32	28	2.18	.09	.58	257	ND	.09	28	.04	11	ND	ND	3	ND	22	ND	ND	78
92+00W 44+50W	.6	2.40	6	ND	173	ND	.25	.1	11	24	29	2.10	.08	.44	414	ND	.09	26	.08	14	ND	ND	ND	ND	21	ND	ND	153
92+00W 46+00W	.6	3.37	7	ND	150	ND	.36	.2	22	16	49	3.41	.10	.32	1212	ND	.09	25	.24	18	ND	ND	ND	ND	27	ND	ND	125

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
92+00W 46+50N	.3	1.75	8	ND	70	ND	.21	.3	12	10	26	2.06	.05	.17	294	ND	.05	16	.09	13	ND	ND	ND	ND	16	ND	ND	79
92+00W 47+00N	.1	3.21	3	ND	168	ND	.29	.5	22	21	89	3.50	.09	.43	434	ND	.07	34	.09	13	ND	ND	ND	ND	35	ND	3	146
92+00W 47+50N	.3	3.30	6	ND	133	ND	.39	.6	22	41	92	3.51	.10	.88	431	ND	.09	46	.07	14	ND	ND	ND	3	40	ND	3	94
92+00W 48+00N	.3	1.45	6	ND	90	ND	.16	.4	10	15	26	1.84	.04	.30	270	ND	.05	19	.05	12	ND	ND	ND	1	14	ND	ND	97
92+00W 48+50N	.4	2.88	3	ND	112	ND	.28	.8	15	28	32	3.11	.08	.51	372	1	.08	32	.14	14	ND	ND	ND	4	21	ND	ND	211
92+00W 49+00N	.5	1.75	ND	ND	251	ND	.16	1.2	10	23	26	8.71	.17	.31	645	5	.09	12	.22	25	ND	ND	ND	8	72	ND	ND	186
92+00W 49+50N	.2	2.27	4	ND	107	ND	.26	.8	15	20	59	2.31	.05	.37	557	ND	.07	31	.14	11	ND	ND	ND	2	21	ND	ND	176
92+00W 50+00N	.5	3.53	ND	ND	90	ND	.36	.8	19	24	152	2.75	.09	.41	382	2	.10	70	.08	16	ND	ND	ND	4	22	ND	ND	188
92+00W 52+00N	.4	2.35	11	ND	150	ND	.48	.8	28	21	192	4.78	.12	.52	2004	3	.07	17	.38	16	ND	ND	ND	4	38	ND	3	124
92+00W 52+50N	.5	2.49	5	ND	155	ND	.24	1.1	12	30	32	2.48	.08	.45	534	ND	.10	25	.18	16	ND	ND	ND	1	23	ND	ND	184
92+00W 53+00N	.6	1.90	8	ND	118	ND	.23	.5	13	21	37	2.08	.07	.33	637	ND	.08	21	.14	14	ND	ND	ND	ND	22	ND	ND	136
92+00W 53+50N	.4	2.66	7	ND	138	3	.22	.8	14	33	27	2.62	.08	.52	403	ND	.09	34	.15	13	ND	ND	ND	1	19	ND	ND	134
92+00W 54+00N	.5	2.09	5	ND	101	ND	.58	.8	13	31	33	2.23	.09	.51	172	2	.11	24	.02	14	ND	ND	ND	2	41	4	ND	54
92+00W 55+00N	.5	2.77	ND	ND	105	ND	.33	.6	17	35	38	2.92	.09	.59	286	ND	.10	33	.13	13	ND	ND	ND	2	29	ND	ND	136
92+00W 55+50N	.6	1.52	9	ND	48	ND	.24	.5	13	9	25	1.97	.06	.11	295	ND	.05	13	.11	16	ND	ND	ND	ND	16	ND	ND	71
92+00W 56+00N	.6	1.67	11	ND	84	ND	.28	.5	13	19	34	1.81	.07	.30	583	ND	.07	23	.09	17	ND	ND	ND	1	26	ND	ND	112
92+00W 56+50N	.6	1.86	26	ND	126	ND	.21	1.1	19	37	76	2.88	.08	.52	2084	1	.07	36	.17	20	ND	ND	ND	1	18	ND	ND	120
92+00W 57+00N	.5	2.58	6	ND	85	ND	.24	.5	17	29	39	2.54	.08	.50	349	ND	.08	34	.10	13	ND	ND	ND	ND	36	ND	ND	119
92+00W 57+50N	.2	1.72	9	ND	66	ND	.17	.6	13	18	14	1.78	.05	.22	367	ND	.05	20	.19	14	ND	ND	ND	ND	28	ND	ND	83
92+00W 69+50N	.3	2.31	4	ND	138	ND	.21	.8	12	29	25	2.39	.06	.47	202	ND	.08	28	.09	11	ND	ND	ND	ND	18	ND	ND	71
92+00W 70+00N	.4	2.32	5	ND	102	ND	.27	.8	11	28	23	2.38	.07	.48	251	ND	.07	39	.08	12	ND	ND	ND	ND	21	ND	ND	78
92+00W 70+50N	.3	1.96	6	ND	95	ND	.27	.4	10	28	18	2.09	.07	.44	234	ND	.09	29	.11	11	ND	ND	ND	1	21	ND	ND	79
L92W 71+00N	.2	1.44	7	ND	112	ND	.32	.5	10	27	36	1.95	.06	.46	223	ND	.08	23	.06	9	ND	ND	ND	ND	24	ND	ND	54
L92W 71+50N	.2	1.82	ND	ND	115	ND	.27	.3	11	32	29	2.29	.04	.46	172	ND	.07	23	.02	8	ND	ND	ND	ND	24	ND	ND	47
L92W 72+00N	.1	1.82	8	ND	87	ND	.29	.5	12	25	48	2.59	.05	.42	166	ND	.05	28	.02	11	ND	ND	ND	ND	23	ND	ND	57
L92W 72+50N	.3	1.74	14	ND	115	ND	.98	.5	9	31	83	2.45	.09	.53	1102	1	.09	24	.10	9	ND	ND	ND	ND	52	ND	ND	47
L92W 73+00N	.3	1.86	11	ND	134	ND	1.21	1.3	12	33	135	2.61	.10	.51	2053	1	.09	27	.07	9	ND	ND	ND	ND	62	ND	6	53
L92W 73+50N	.3	1.33	8	ND	92	ND	.29	.4	9	27	22	1.70	.05	.44	232	ND	.08	21	.05	13	ND	ND	ND	ND	26	ND	3	55
L92W 74+00N	.3	2.28	3	ND	96	ND	.29	.6	13	40	26	2.34	.06	.69	258	ND	.07	45	.10	12	ND	ND	ND	2	26	ND	ND	125
L92W 74+50N	.4	1.59	6	ND	90	ND	.25	.2	10	25	23	1.99	.04	.40	251	ND	.06	24	.14	9	ND	ND	ND	1	21	ND	ND	80
L92W 75+00N	.1	1.51	7	ND	98	ND	.32	.5	11	26	25	2.02	.05	.50	284	ND	.07	27	.07	10	ND	ND	ND	2	27	ND	ND	75
93+00W 45+00N	.3	1.55	6	ND	97	ND	.24	.3	8	16	9	1.43	.05	.29	445	ND	.06	16	.10	12	ND	ND	ND	ND	18	ND	ND	123
93+00W 45+50N	.3	2.41	5	ND	81	ND	.33	.4	16	28	76	3.18	.09	.45	270	ND	.07	30	.04	12	ND	ND	ND	ND	22	ND	ND	62
93+00W 46+00N	.3	2.22	ND	ND	97	ND	.21	.6	15	20	101	3.23	.08	.42	342	ND	.06	22	.12	11	ND	ND	ND	ND	30	ND	ND	106
93+00W 46+50N	.1	2.07	7	ND	120	ND	.20	.3	11	20	23	2.51	.05	.28	840	ND	.05	18	.20	12	ND	ND	ND	1	16	ND	ND	127
93+00W 47+00N	.2	3.26	ND	ND	133	ND	.34	.8	16	31	61	3.73	.08	.66	314	1	.06	37	.12	11	ND	ND	ND	2	42	ND	ND	93
93+00W 47+50N	.3	.71	12	ND	50	ND	.20	.2	5	5	10	1.30	.04	.07	402	ND	.04	5	.07	12	ND	ND	ND	ND	20	ND	ND	40
93+00W 48+00N	.4	1.90	16	ND	100	ND	.24	.6	11	20	25	1.92	.06	.37	364	ND	.06	20	.09	13	ND	ND	ND	ND	19	ND	ND	124
93+00W 48+50N	.3	1.54	9	ND	83	ND	.23	.8	10	20	27	1.90	.05	.35	724	ND	.06	19	.09	12	ND	ND	ND	ND	18	ND	ND	90

SAMPLE NAME	AS PPM	AL %	AS PPM	AC PPM	SA PPM	SI PPM	CR %	CO PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM	
93+00W 49+00N	.2	1.59	4	ND	70	ND	.23	.2	8	20	28	1.79	.04	.34	474	ND	.06	23	.09	10	ND	ND	ND	1	16	ND	ND	101	
93+00W 49+50N	.4	2.11	8	ND	80	ND	.22	.2	12	25	47	2.04	.06	.37	474	1	.07	34	.11	12	ND	ND	ND	3	16	ND	3	138	
L93W 69+50N	.4	1.89	6	ND	89	ND	.50	.4	10	30	32	2.23	.08	.50	216	ND	.09	22	.05	10	ND	ND	ND	1	31	ND	ND	49	
L93W 70+00N	.4	3.00	ND	ND	135	ND	.54	.4	15	38	42	3.00	.10	.62	274	ND	.10	39	.06	10	ND	ND	ND	2	39	ND	ND	73	
L93W 70+50N	.6	2.58	4	ND	102	ND	.62	.2	12	32	26	2.47	.10	.41	194	ND	.09	27	.02	10	ND	ND	ND	ND	39	4	4	49	
L93W 71+00N	.6	1.98	14	ND	119	ND	1.47	.3	12	30	80	2.22	.13	.48	400	ND	.11	21	.08	10	ND	ND	ND	ND	73	10	ND	48	
L93W 71+50N	.3	2.11	7	ND	142	ND	.23	.4	12	25	24	2.17	.07	.39	533	ND	.09	26	.14	11	ND	ND	ND	ND	16	ND	ND	136	
L93W 72+00N	.6	2.24	7	ND	102	ND	.27	.4	13	33	17	2.62	.09	.41	258	ND	.10	27	.11	12	ND	ND	ND	2	19	ND	ND	99	
L93W 72+50N	.5	1.46	9	ND	122	ND	.25	.1	9	20	26	1.87	.08	.35	384	ND	.07	16	.11	13	ND	ND	ND	1	19	ND	ND	97	
L93W 73+00N	.6	1.57	13	ND	112	ND	1.70	1.1	9	27	122	1.97	.12	.42	1684	1	.09	23	.15	9	ND	ND	ND	ND	83	4	ND	46	
L93W 73+50N	.6	1.57	7	ND	63	ND	.25	.4	8	24	12	1.81	.08	.33	167	ND	.08	19	.09	12	ND	ND	ND	1	19	4	ND	87	
L93W 74+00N	.8	.83	6	ND	70	ND	4.37	1.1	3	28	84	.54	.13	.23	920	1	.10	16	.12	7	ND	ND	ND	ND	249	16	ND	12	
L93W 75+00N	.6	1.59	10	ND	99	ND	.71	.3	14	36	43	2.67	.12	.99	607	ND	.13	36	.10	18	ND	ND	ND	3	59	ND	ND	59	
94+00W 40+00N	.6	3.03	4	ND	98	ND	.38	.4	16	25	54	2.70	.10	.53	341	ND	.10	33	.08	15	ND	ND	ND	3	38	3	3	208	
94+00W 40+50N	.5	2.62	5	ND	101	ND	.47	.5	13	19	33	2.15	.09	.40	375	ND	.09	26	.10	16	ND	ND	ND	1	38	ND	ND	180	
94+00W 42+00N	.6	3.40	3	ND	90	4	.56	.6	17	27	33	3.20	.11	.85	475	ND	.11	31	.26	16	ND	ND	ND	2	50	ND	ND	321	
94+00W 43+00N	.5	3.72	ND	ND	166	ND	.58	.3	12	27	61	3.05	.12	.65	538	ND	.10	20	.05	16	ND	ND	ND	1	148	3	ND	102	
94+00W 44+00N	.5	2.71	4	ND	151	ND	.39	.1	11	29	19	2.24	.10	.52	424	ND	.09	29	.10	11	ND	ND	ND	2	26	ND	ND	134	
94+00W 44+50N	.4	2.49	6	ND	121	ND	.45	.4	16	32	49	2.91	.10	.65	281	ND	.10	32	.24	12	ND	ND	ND	2	30	ND	ND	111	
94+00W 45+00N	.5	3.34	ND	ND	110	ND	.64	.4	24	25	46	3.32	.11	.53	542	ND	.08	40	.11	16	ND	ND	ND	4	50	ND	ND	146	
94+00W 45+50N	.5	3.89	ND	ND	151	ND	.80	.4	33	30	235	5.87	.17	1.74	755	3	.08	25	.12	21	ND	ND	ND	4	108	ND	7	53	
94+00W 46+00N	.6	3.09	ND	ND	93	ND	.95	.3	26	26	26	4.45	.15	.83	847	1	.12	27	.13	14	ND	ND	ND	3	44	ND	3	70	
94+00W 46+50N	.6	2.83	3	ND	94	ND	.30	.3	16	49	25	2.91	.09	.80	437	ND	.07	33	.11	14	ND	ND	ND	4	22	ND	ND	110	
94+00W 47+00N	.5	2.92	5	ND	157	ND	.21	.1	14	31	30	2.63	.08	.48	382	ND	.09	28	.10	14	ND	ND	ND	5	16	ND	ND	119	
94+00W 47+50N	.5	1.41	9	ND	81	ND	.19	.1	10	15	11	1.47	.06	.21	715	ND	.07	14	.09	13	ND	ND	ND	ND	13	ND	ND	118	
94+00W 48+00N	.6	3.10	4	ND	140	ND	.65	.8	24	22	61	3.66	.12	.59	1125	1	.09	27	.17	34	ND	ND	ND	2	38	ND	ND	268	
94+00W 48+50N	.5	1.61	7	ND	64	ND	.30	.5	15	14	30	2.01	.08	.22	321	ND	.08	19	.12	15	ND	ND	ND	ND	27	ND	ND	241	
94+00W 49+00N	.5	2.42	7	ND	116	ND	.28	.4	14	28	40	2.32	.08	.46	451	ND	.09	31	.14	13	ND	ND	ND	2	22	ND	3	133	
94+00W 49+50N	.6	1.23	6	ND	72	ND	.22	.1	7	23	23	1.53	.08	.33	206	ND	.09	14	.03	12	ND	ND	ND	1	20	ND	ND	51	
94+00W 50+00N	.6	1.95	7	ND	112	ND	.21	.2	10	28	14	1.91	.08	.37	184	ND	.10	25	.10	12	ND	ND	ND	3	18	ND	ND	78	
94+00W 50+50N	.8	1.72	4	ND	90	ND	.17	.1	9	24	20	1.57	.07	.29	285	ND	.10	17	.09	12	ND	ND	ND	3	15	ND	ND	85	
94+00W 51+00N	.6	2.16	15	ND	90	ND	.26	.2	11	26	26	2.24	.09	.33	209	ND	.10	23	.20	15	ND	ND	ND	4	22	ND	ND	82	
94+00W 51+50N	.6	1.59	3	ND	60	ND	.26	.4	9	27	22	1.72	.08	.39	191	ND	.10	19	.03	12	ND	ND	ND	3	3	22	ND	ND	53
94+00W 52+00N	.8	2.14	6	ND	68	ND	.26	.4	11	32	18	2.23	.10	.43	221	ND	.12	24	.07	15	ND	ND	ND	3	2	20	ND	ND	145
94+00W 52+50N	.8	2.11	9	ND	95	ND	.30	.3	12	36	21	2.32	.11	.46	199	ND	.15	28	.06	15	ND	ND	ND	4	2	30	ND	ND	63
94+00W 54+50N	.6	1.06	ND	ND	97	ND	.16	.3	11	12	77	1.89	.07	.19	320	ND	.07	14	.07	14	ND	ND	ND	3	ND	16	ND	ND	96
94+00W 55+00N	.8	2.06	10	ND	80	ND	.21	.4	13	29	23	2.42	.10	.42	182	1	.11	27	.04	15	ND	ND	ND	2	20	ND	ND	77	
94+00W 55+50N	.8	2.50	5	ND	153	ND	.24	.3	16	31	49	2.65	.09	.53	376	ND	.10	31	.14	14	ND	ND	ND	1	22	ND	ND	116	
94+00W 56+00N	.8	2.51	8	ND	102	ND	.32	.3	19	38	143	3.36	.12	.77	365	2	.11	35	.05	13	ND	ND	ND	4	39	ND	ND	67	

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
94+00W 56+50N	.2	1.66	9	ND	70	ND	.16	.2	14	17	43	2.75	.05	.28	318	1	.05	17	.13	12	ND	ND	ND	ND	17	ND	ND	97
94+00W 57+00N	.2	2.97	11	ND	93	ND	.28	.3	25	29	102	4.14	.08	.60	376	2	.06	37	.10	13	ND	ND	ND	ND	1	24	ND	123
94+00W 57+50N	.3	3.16	5	ND	125	ND	.31	.4	19	38	80	3.95	.09	.76	373	2	.07	44	.13	15	ND	ND	ND	3	34	ND	ND	107
95+00W 52+50N	.2	1.69	5	ND	97	ND	.23	.2	10	27	37	2.10	.05	.51	213	ND	.05	26	.07	12	ND	ND	ND	ND	21	ND	ND	52
95+00W 53+00N	.3	1.87	6	ND	139	ND	.22	.4	10	25	38	2.00	.05	.41	294	1	.07	21	.05	12	ND	ND	ND	ND	21	ND	ND	92
95+00W 55+50N	.6	1.68	ND	ND	61	3	.27	.3	11	27	24	2.02	.05	.52	161	2	.06	18	.01	13	ND	ND	ND	ND	22	ND	ND	56
95+00W 56+00N	.6	2.08	12	ND	103	ND	.24	.1	12	29	52	2.35	.06	.50	342	1	.08	25	.10	11	ND	ND	ND	ND	21	ND	ND	83
95+00W 56+50N	.4	2.30	6	ND	140	ND	.27	.4	13	31	24	2.30	.06	.50	298	1	.08	34	.12	14	ND	ND	ND	ND	22	ND	ND	138
95+00W 57+00N	.5	2.62	6	ND	123	ND	.22	.4	13	31	26	2.84	.07	.46	276	1	.07	26	.23	16	ND	ND	ND	ND	17	ND	ND	108
95+00W 57+50N	.6	2.56	4	ND	109	ND	.91	.6	12	33	69	2.63	.11	.49	326	4	.10	33	.03	17	ND	ND	ND	ND	57	ND	ND	61
96+00W 40+00N	.4	3.41	3	ND	128	3	.66	.4	15	26	55	3.24	.12	.56	910	ND	.11	22	.05	66	ND	ND	ND	1	47	ND	ND	221
96+00W 40+50N	.4	3.17	4	ND	125	ND	.43	.5	13	33	31	2.67	.08	.60	345	ND	.10	33	.11	15	ND	ND	ND	1	47	ND	ND	189
96+00W 41+00N	.3	2.08	7	ND	92	ND	.34	.3	9	19	20	1.89	.07	.37	471	ND	.08	19	.15	16	ND	ND	ND	ND	29	ND	ND	262
96+00W 42+00N	.4	2.86	ND	ND	181	ND	1.73	1.1	16	24	70	3.16	.14	.63	1886	ND	.10	26	.25	61	ND	ND	ND	1	139	ND	ND	221
96+00W 42+50N	.3	2.70	4	ND	86	ND	.32	.2	13	18	27	2.30	.06	.35	375	1	.08	20	.10	17	ND	ND	ND	1	32	ND	ND	223
96+00W 43+00N	.2	2.25	5	ND	105	ND	.30	.2	7	11	12	1.70	.04	.18	571	ND	.05	9	.33	14	ND	ND	ND	ND	32	ND	ND	125
96+00W 43+50N	.6	3.22	ND	ND	232	4	.54	.5	24	34	128	4.66	.12	.87	521	1	.07	27	.11	21	ND	ND	ND	5	301	ND	ND	101
96+00W 44+00N	.3	1.95	5	ND	182	ND	.27	.4	9	19	13	1.69	.05	.31	546	ND	.07	19	.20	13	ND	ND	ND	1	27	ND	ND	178
96+00W 45+00N	.3	2.27	16	ND	83	ND	.54	.1	18	16	69	1.92	.07	.28	712	ND	.07	23	.11	16	ND	ND	ND	1	39	ND	ND	94
96+00W 45+50N	.3	2.02	ND	ND	98	ND	.55	.1	18	17	51	2.71	.08	.31	612	ND	.06	40	.06	12	ND	ND	ND	1	37	ND	ND	87
96+00W 46+00N	.4	2.28	ND	ND	146	ND	.21	.2	12	19	29	2.23	.06	.36	350	1	.07	21	.06	16	ND	ND	ND	ND	25	ND	ND	130
96+00W 46+50N	.5	2.28	6	ND	82	ND	.41	.8	20	15	69	4.31	.09	.29	553	4	.08	19	.16	17	ND	ND	ND	2	26	ND	ND	314
96+00W 47+00N	.4	1.49	5	ND	99	ND	.28	.1	10	22	16	1.68	.05	.29	1010	ND	.06	16	.05	16	ND	ND	ND	1	19	ND	ND	96
96+00W 47+50N	.3	1.76	9	ND	68	ND	.20	.2	12	16	36	2.02	.06	.31	415	ND	.06	17	.09	14	ND	ND	ND	ND	19	ND	ND	147
96+00W 48+00N	.3	4.30	4	ND	117	ND	.50	.4	29	34	195	5.09	.12	.83	653	3	.07	42	.10	18	ND	ND	ND	4	40	ND	4	115
96+00W 48+50N	.2	1.27	5	ND	73	ND	.22	.1	10	8	21	1.61	.04	.12	800	1	.05	7	.06	13	ND	ND	ND	ND	19	ND	ND	108
96+00W 49+00N	.4	.94	7	ND	73	ND	.24	.2	7	7	30	1.07	.04	.12	708	ND	.05	8	.04	12	ND	ND	ND	ND	19	ND	ND	102
96+00W 49+50N	.8	2.74	ND	ND	123	ND	.52	.8	33	29	366	5.47	.13	.56	1609	2	.08	33	.15	17	ND	ND	3	3	42	ND	5	242
96+00W 50+00N	.4	2.33	10	ND	99	4	.82	.6	32	41	264	4.55	.11	.89	1478	2	.04	36	.24	18	ND	ND	ND	3	53	ND	4	108
96+00W 50+50N	.4	2.23	21	ND	108	ND	.31	.1	9	27	24	2.24	.06	.45	317	ND	.09	23	.16	15	ND	ND	ND	2	36	ND	3	83
96+00W 51+00N	.1	1.69	14	ND	100	ND	.41	.1	11	15	44	1.93	.06	.32	653	4	.06	15	.10	14	ND	ND	ND	ND	30	ND	ND	122
96+00W 51+50N	.4	1.52	7	ND	72	ND	.23	.1	10	20	62	1.88	.06	.35	249	1	.07	17	.03	11	ND	ND	ND	ND	18	ND	ND	77
96+00W 52+00N	.4	1.11	12	ND	88	ND	.23	.1	8	19	29	1.47	.05	.26	294	ND	.08	14	.10	12	ND	ND	ND	ND	23	ND	ND	65
96+00W 52+50N	.4	1.52	7	ND	85	ND	.29	.2	10	18	43	2.02	.06	.27	389	1	.07	19	.09	17	ND	ND	ND	ND	23	ND	ND	133
96+00W 53+00N	.1	2.74	12	ND	178	ND	.30	.6	25	19	168	7.33	.16	.88	1696	4	.11	17	.21	154	ND	ND	14	1	25	ND	5	129
96+00W 53+50N	.4	1.99	7	ND	109	ND	.26	.2	11	25	35	2.15	.06	.38	505	1	.08	22	.12	14	ND	ND	ND	1	20	ND	ND	132
96+00W 54+00N	1.1	2.81	5	ND	129	ND	.70	.3	14	40	57	2.99	.11	.69	447	1	.13	33	.04	14	ND	ND	ND	2	48	ND	ND	82
96+00W 54+50N	.4	2.32	5	ND	120	4	.32	.4	11	32	30	2.42	.08	.52	310	1	.09	29	.10	14	ND	ND	ND	2	27	ND	ND	93
96+00W 55+00N	.4	2.09	ND	ND	97	ND	.41	.4	11	33	31	2.34	.09	.56	260	1	.10	28	.06	10	ND	ND	ND	2	33	ND	ND	62

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
96+00W 55+50N	.2	1.74	ND	ND	77	3	.22	.2	10	23	15	2.01	.05	.42	436	ND	.08	23	.12	15	ND	ND	ND	1	18	ND	ND	143	
96+00W 56+00N	.2	1.27	4	ND	80	ND	.26	.1	8	19	15	1.72	.04	.29	422	ND	.07	16	.11	13	ND	ND	ND	ND	22	ND	ND	106	
96+00W 56+50N	.4	2.63	3	ND	111	ND	.53	.2	17	41	61	3.11	.10	.67	298	1	.11	34	.04	13	ND	ND	ND	2	40	ND	3	101	
96+00W 57+00N	.3	1.05	8	ND	51	ND	.27	.1	7	17	23	1.56	.05	.25	399	ND	.07	9	.05	13	ND	ND	ND	ND	18	ND	ND	63	
96+00W 57+50N	.2	.64	6	ND	120	ND	.16	.2	7	12	23	1.34	.02	.11	925	ND	.05	5	.04	10	ND	ND	ND	ND	12	ND	ND	96	
96+00W 58+00N	.5	2.84	5	ND	79	ND	.24	.1	16	29	29	3.51	.08	.40	178	3	.07	24	.04	19	ND	ND	ND	2	22	ND	ND	79	
97+00W 40+00N	.2	2.41	ND	ND	102	ND	.43	.4	12	17	19	2.12	.06	.42	818	ND	.07	19	.07	17	ND	ND	ND	ND	39	ND	ND	221	
97+00W 41+00N	.3	2.54	ND	ND	81	ND	.68	.8	17	22	50	2.79	.08	.55	870	ND	.09	22	.15	159	ND	ND	ND	2	51	ND	ND	374	
97+00W 41+50N	.1	1.75	6	ND	38	ND	.31	.1	6	9	10	1.38	.04	.23	330	ND	.05	10	.12	19	ND	ND	ND	ND	20	ND	ND	160	
97+00W 42+00N	.5	3.14	4	ND	83	ND	.76	.3	18	23	43	3.16	.09	.65	880	ND	.07	25	.07	18	ND	ND	ND	4	43	ND	ND	178	
97+00W 42+50N	.1	1.08	7	ND	49	ND	.26	.2	5	10	11	1.28	.03	.20	277	ND	.04	7	.08	12	ND	ND	ND	ND	20	ND	ND	101	
97+00W 43+00N	.3	2.17	ND	ND	177	ND	.84	.8	15	20	38	2.18	.09	.38	1645	ND	.08	18	.05	41	ND	ND	ND	2	47	ND	ND	176	
97+00W 43+50N	.3	1.80	6	ND	89	ND	.29	.1	9	27	16	1.73	.05	.45	260	ND	.06	24	.10	14	ND	ND	ND	2	20	ND	ND	127	
97+00W 44+00N	.2	1.98	3	ND	105	ND	.30	.1	11	23	31	1.99	.05	.37	384	ND	.06	21	.10	15	ND	ND	ND	1	25	ND	ND	116	
97+00W 44+50N	.2	3.41	8	ND	139	ND	.39	.1	17	33	126	3.06	.09	.68	282	1	.07	39	.04	21	ND	ND	ND	2	37	ND	ND	100	
97+00W 45+00N	.2	2.82	5	ND	104	ND	.30	.2	17	26	152	3.03	.07	.58	645	2	.08	35	.09	24	ND	ND	ND	4	26	ND	ND	127	
97+00W 45+50N	.1	.71	6	ND	64	ND	.17	.1	6	7	11	1.38	.03	.09	373	ND	.03	6	.11	17	ND	ND	ND	ND	14	ND	ND	53	
97+00W 46+50N	.1	1.93	4	ND	80	ND	.22	.1	10	19	35	1.78	.04	.33	263	ND	.05	18	.06	13	ND	ND	ND	ND	20	ND	ND	84	
97+00W 47+00N	.1	2.45	ND	ND	88	ND	.27	.1	17	22	46	2.74	.05	.50	348	1	.06	26	.05	15	ND	ND	ND	1	23	ND	ND	99	
97+00W 47+50N	.3	1.99	7	ND	69	ND	.34	.1	13	33	98	2.45	.07	.69	268	1	.08	35	.05	13	ND	ND	ND	ND	35	ND	ND	53	
97+00W 48+00N	.3	2.61	6	ND	83	ND	.27	.2	18	28	98	2.88	.06	.49	340	4	.06	28	.10	25	ND	ND	ND	2	21	ND	ND	108	
97+00W 48+50N	.1	1.93	8	ND	93	ND	.29	.3	18	20	222	2.74	.05	.35	671	2	.05	23	.14	20	ND	ND	ND	ND	24	ND	ND	168	
97+00W 49+00N	.4	2.51	5	ND	107	ND	.27	.2	21	23	237	3.09	.07	.42	413	3	.07	39	.07	23	ND	ND	ND	2	25	ND	ND	230	
97+00W 49+50N	.4	2.23	8	ND	96	ND	.34	.1	20	17	304	4.07	.09	.28	566	13	.06	21	.14	19	ND	ND	ND	2	41	ND	ND	139	
97+00W 50+00N	.1	.85	8	ND	47	ND	.14	.1	4	7	11	1.09	.01	.12	146	ND	.03	3	.10	18	ND	ND	ND	ND	14	ND	ND	53	
97+00W 50+50N	.3	2.76	15	ND	107	ND	.75	.1	27	25	364	3.95	.11	.58	821	2	.06	36	.13	26	ND	ND	ND	2	59	ND	ND	104	
97+00W 51+00N	.2	.94	21	ND	43	ND	.22	.1	8	8	17	1.37	.03	.11	277	ND	.03	6	.12	15	ND	ND	ND	ND	19	ND	ND	67	
97+00W 51+50N	.2	1.78	11	ND	135	ND	.33	.1	12	17	30	1.92	.05	.25	570	ND	.06	16	.18	19	ND	ND	ND	1	30	ND	ND	154	
97+00W 52+00N	.2	1.47	6	ND	82	ND	.25	.1	10	35	29	2.01	.05	.50	238	ND	.11	21	.04	13	ND	ND	ND	1	26	ND	ND	44	
97+00W 52+50N	.1	2.23	4	ND	133	ND	.23	.1	10	28	16	2.08	.04	.39	307	ND	.08	23	.15	14	ND	ND	ND	1	17	ND	ND	103	
97+00W 53+00N	.1	2.05	39	ND	118	ND	.21	.2	10	23	54	2.30	.05	.39	458	ND	.07	22	.11	13	ND	ND	ND	3	1	17	ND	ND	85
97+00W 53+50N	.2	2.05	8	ND	144	ND	.31	.2	14	24	46	2.48	.06	.45	555	ND	.07	27	.08	17	ND	ND	ND	1	25	ND	ND	145	
97+00W 54+00N	.2	2.41	5	ND	122	ND	.33	.1	12	29	28	2.42	.05	.40	480	ND	.07	23	.17	16	ND	ND	ND	3	26	ND	ND	83	
97+00W 54+50N	.3	2.20	4	ND	89	ND	.39	.2	13	33	42	2.49	.07	.59	208	1	.08	28	.04	16	ND	ND	ND	3	36	ND	ND	63	
97+00W 55+00N	.5	2.05	7	ND	109	ND	1.25	1.2	13	31	73	2.53	.10	.51	1150	2	.11	31	.07	12	ND	ND	ND	1	66	ND	ND	98	
97+00W 55+50N	.4	2.06	ND	ND	92	ND	.76	1.5	9	26	47	2.20	.08	.34	364	1	.11	25	.03	14	ND	ND	ND	2	44	ND	ND	121	
97+00W 56+00N	.2	2.26	ND	ND	111	ND	.35	.5	13	33	31	2.51	.07	.59	229	1	.08	30	.05	12	ND	ND	ND	2	29	ND	ND	71	
97+00W 56+50N	.2	2.33	ND	ND	114	ND	.43	.1	10	35	19	2.31	.07	.52	256	1	.10	27	.03	15	ND	ND	ND	1	29	ND	ND	89	
97+00W 57+00N	.3	2.42	5	ND	123	ND	.21	.2	18	30	76	2.96	.06	.48	388	1	.08	33	.12	17	ND	ND	ND	2	18	ND	ND	151	

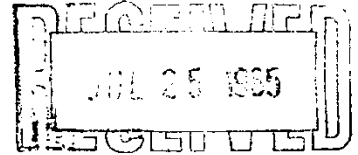
SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
97+00W 57+50N	.2	2.28	ND	ND	126	ND	.15	.2	15	27	41	2.68	.05	.42	355	1	.06	25	.09	11	ND	ND	ND	2	13	ND	ND	150
98+00W 40+00N	.2	2.07	3	ND	66	ND	.36	.1	10	23	29	2.26	.06	.55	254	ND	.06	28	.10	12	ND	ND	ND	1	37	ND	ND	158
98+00W 40+50N	.5	2.44	ND	ND	78	ND	.67	.3	14	20	52	2.46	.08	.46	880	ND	.09	20	.10	18	ND	ND	ND	3	53	ND	ND	135
98+00W 41+00N	.1	2.27	4	ND	88	ND	.29	.1	10	23	29	2.28	.05	.45	268	ND	.06	27	.16	15	ND	ND	ND	ND	33	ND	ND	142
98+00W 41+50N	.4	3.39	3	ND	98	ND	.50	.3	17	26	39	2.80	.08	.56	797	ND	.08	32	.13	16	ND	ND	ND	2	44	ND	ND	210
98+00W 42+00N	.3	2.20	9	ND	69	ND	.29	.1	9	18	22	2.00	.05	.31	203	ND	.06	20	.19	13	ND	ND	ND	ND	24	ND	ND	176
98+00W 42+50N	.3	1.95	7	ND	93	3	.22	.2	10	17	35	2.00	.04	.31	411	ND	.05	15	.12	12	ND	ND	ND	ND	18	ND	ND	142
98+00W 43+00N	.2	3.06	8	ND	103	ND	.39	.3	19	33	165	3.62	.08	.71	347	1	.07	39	.08	14	ND	ND	ND	2	30	ND	ND	166
98+00W 43+50N	.3	3.16	3	ND	111	3	.45	.1	18	22	53	2.76	.07	.64	305	ND	.07	33	.08	13	ND	ND	ND	1	42	ND	4	240
98+00W 44+50N	.2	2.43	7	ND	138	ND	.31	.1	15	21	38	2.18	.05	.46	352	ND	.06	32	.11	12	ND	ND	ND	1	28	ND	ND	145
98+00W 45+00N	.1	2.16	6	ND	132	4	.29	.1	12	26	48	2.33	.05	.61	581	ND	.05	25	.08	11	ND	ND	ND	1	29	ND	ND	97
98+00W 45+50N	.3	2.43	5	ND	81	ND	.36	.1	14	31	78	2.58	.06	.60	196	ND	.07	24	.04	13	ND	ND	ND	3	36	ND	ND	79
98+00W 47+00N	.2	2.39	5	ND	76	ND	.20	.1	9	16	45	3.45	.06	.27	337	2	.05	10	.25	17	ND	ND	ND	2	37	ND	ND	72
98+00W 47+50N	.4	2.79	34	ND	118	5	.41	1.1	16	34	77	3.37	.08	.77	721	1	.10	25	.08	101	ND	ND	ND	3	42	ND	ND	376
98+00W 48+00N	.2	2.38	6	ND	121	3	.23	.1	11	23	37	2.17	.04	.44	388	ND	.06	24	.09	12	ND	ND	ND	2	26	ND	ND	112
98+00W 48+50N	.2	2.50	6	ND	75	ND	.32	.2	17	28	154	3.02	.07	.54	281	1	.07	35	.08	14	ND	ND	ND	2	24	ND	ND	117
98+00W 49+50N	.2	1.96	4	ND	82	ND	.27	.1	17	31	142	3.05	.06	.53	319	2	.07	25	.04	12	ND	ND	ND	1	30	ND	ND	75
98+00W 50+00N	.2	1.89	10	ND	94	ND	.27	.1	10	25	39	1.97	.05	.46	407	ND	.07	22	.08	11	ND	ND	ND	1	23	ND	ND	84
100+00W 49+50N	.3	2.31	11	ND	87	ND	.29	.1	12	30	35	2.35	.06	.59	352	ND	.08	26	.07	12	ND	ND	ND	2	24	ND	ND	103
100+00W 50+00N	.1	1.56	15	ND	58	ND	.26	.1	12	12	26	1.85	.04	.25	407	ND	.04	23	.03	11	ND	ND	ND	ND	24	ND	ND	91
100+00W 50+50N	.3	2.38	15	ND	90	ND	.27	.2	15	20	41	2.28	.06	.38	331	ND	.07	29	.10	13	ND	ND	ND	2	23	ND	ND	155
100+00W 51+00N	.3	3.84	36	ND	100	ND	.53	.2	29	33	65	4.25	.11	.64	416	4	.08	44	.07	26	ND	ND	ND	5	40	ND	5	139
100+00W 51+50N	.2	1.65	16	ND	80	ND	.18	.1	10	19	26	2.09	.04	.37	336	ND	.06	17	.07	11	ND	ND	ND	ND	16	ND	ND	125
100+00W 52+00N	.2	2.05	9	ND	108	ND	.26	.1	11	27	35	2.10	.05	.52	313	ND	.07	28	.07	10	ND	ND	ND	ND	24	ND	4	81
100+00W 52+50N	.4	2.73	7	ND	134	ND	.29	.1	14	27	51	2.45	.07	.50	377	ND	.08	30	.07	14	ND	ND	ND	3	27	ND	ND	113
100+00W 53+00N	.3	1.09	9	ND	110	ND	.22	.1	9	8	83	1.77	.04	.20	541	1	.04	6	.06	14	ND	ND	ND	ND	28	ND	ND	50



VANGEOCHEM LAB LIMITED

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

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



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

CLIENT: E & B EXPLORATION INC.
ADDRESS: #1440, 800 West Pender Street
: Vancouver B.C.
: V6C 2V6

DATE: July 25 1985
REPORT#: 85-39-044
JOB#: 85192

PROJECT#: 5067
SAMPLES ARRIVED: July 17 1985
REPORT COMPLETED: July 25 1985
ANALYSED FOR: Au ICP

INVOICE#: 8751
TOTAL SAMPLES: 15
SAMPLE TYPE: 15 ROCK
REJECTS: SAVED

SAMPLES FROM: E & B EXPLORATION INC.
COPY SENT TO: E & B EXPLORATION INC.

PREPARED FOR: LEN SALAKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: 

GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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(604) 251-5656

REPORT NUMBER: 85-39-044

JOB NUMBER: 85192

E & B EXPLORATION INC.

PAGE 1 OF 1

SAMPLE #	Au ppb
KR 046	3550
KR 047	10
KR 048	5
KR 049	nd
KR 050	5
KR 051	110
KR 052	15
KR 053	5
KR 054	5
MR 032	5
MR 033	30
MR 034	10
MR 035	30
MR 036	30
MR 037	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: E&B EXPLORATIONS
 ATTENTION:
 PROJECT: 5145 P.O.# 4047

REPORT#: 85-39-044
 JOB#: 85192
 INVOICE#: 8751

DATE RECEIVED: 85/07/17
 DATE COMPLETED: 85/07/19
 COPY SENT TO:

ANALYST W. Pines

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NJ PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SK PPM	SR PPM	U PPM	W PPM	ZN PPM	
KR 046	.3	.31	ND	ND	9	ND	.66	.1	54	8	724	13.03	.34	.12	162	ND	.10	17	.10	10	ND	ND	3	ND	27	ND	ND	8
KR 047	.4	1.55	4	ND	382	3	1.90	.3	14	78	108	3.06	.19	1.95	741	ND	.05	73	.13	7	ND	ND	ND	ND	104	7	8	52
KR 048	.1	.78	9	ND	281	ND	6.89	.3	16	33	61	3.61	.22	2.29	968	ND	.03	22	.07	4	ND	ND	ND	ND	336	6	6	38
KR 049	.6	1.41	5	ND	17	ND	.86	.3	29	15	393	4.50	.17	1.03	288	ND	.06	85	.11	7	ND	ND	ND	1	19	ND	5	14
KR 050	.4	.88	10	ND	15	ND	.84	.3	11	9	75	1.63	.12	.39	140	1	.07	10	.09	6	ND	ND	ND	ND	30	4	ND	13
KR 051	1.2	.80	7	ND	13	ND	.54	.2	13	16	1911	2.74	.11	.58	107	1	.05	166	.10	6	ND	ND	ND	ND	13	ND	ND	6
KR 052	.4	1.11	7	ND	14	ND	.63	.3	11	18	103	4.45	.16	.96	166	ND	.04	8	.12	7	ND	ND	ND	ND	14	3	3	12
KR 053	.3	1.97	9	ND	19	ND	1.77	.3	9	32	101	2.27	.15	1.20	405	ND	.05	16	.10	12	ND	ND	ND	ND	21	3	3	33
KR 054	.2	2.00	6	ND	16	3	.93	.2	13	16	18	3.37	.14	1.42	840	ND	.03	14	.07	10	ND	ND	ND	ND	18	ND	3	40
MR 032	.5	1.51	8	ND	15	4	.91	.2	17	15	33	3.39	.15	.78	318	1	.06	10	.09	8	ND	ND	ND	ND	20	4	3	18
MR 033	.5	1.38	8	ND	20	3	.61	.1	11	30	66	2.83	.13	1.00	243	8	.07	16	.08	8	ND	ND	ND	ND	32	4	3	15
MR 034	.6	.67	9	ND	13	ND	.56	.1	6	16	255	2.17	.12	.42	111	11	.06	7	.08	6	ND	ND	ND	ND	18	7	ND	10
MR 035	1.1	.87	8	ND	11	ND	.41	.5	15	18	605	3.24	.12	.71	169	4	.06	15	.06	8	ND	ND	ND	ND	15	6	ND	16
MR 036	1.2	1.03	8	ND	14	ND	.45	.2	22	17	769	4.10	.15	.71	162	21	.07	16	.09	8	ND	ND	3	ND	18	6	ND	17
MR 037	1.1	.65	6	ND	17	ND	.72	.3	12	21	262	4.36	.18	.32	185	1	.08	9	.08	11	ND	ND	3	ND	13	9	ND	53



VANGEOCHEM LAB LIMITED

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

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

RECEIVED
JUL 23 1985

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

CLIENT: E & B EXPLORATION INC.
ADDRESS: #1440, 800 West Pender Street
: Vancouver B.C.
: V6C 2V6

DATE: July 23 1985
REPORT#: 85-39-039
JOB#: 85179

PROJECT#: CHRISTMAS CLAIM
SAMPLES ARRIVED: July 15 1985
REPORT COMPLETED: July 23 1985
ANALYSED FOR: Au ICP

INVOICE#: 8735
TOTAL SAMPLES: 91
SAMPLE TYPE: 91 Soils
REJECTS: DISCARDED

SAMPLES FROM: MR. MARK TINDALL
COPY SENT TO: E & B EXPLORATION INC.

PREPARED FOR: MR. LEN SALAKEN & MR. MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: *[Signature]*

GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-039

JOB NUMBER: 85179

E & B EXPLORATION INC.

PAGE 1 OF 3

SAMPLE #	Au
90+00W 40+00N	nd
90+00W 41+00NA	nd
90+00W 41+00NB	nd
90+00W 41+50N	nd
90+00W 42+00N	nd
90+00W 42+50N	5
90+00W 43+00N	nd
90+00W 43+50N	nd
90+00W 44+00N	20
90+00W 45+00N	15
90+00W 45+50N	50 ✓
90+00W 46+00N	50 ✓
90+00W 46+50N	nd
90+00W 47+00N	5
90+00W 47+50N	nd
90+00W 48+00N	5
90+00W 48+50N	5
90+00W 49+00N	nd
90+00W 50+00N	10
90+00W 50+50N	10
90+00W 51+00N	nd
90+00W 51+50N	10
90+00W 52+00N	10
90+00W 53+00N	5
90+00W 53+50N	nd
90+00W 54+00N	nd
90+00W 54+50N	5
90+00W 55+00N	5
90+00W 55+50N	10
90+00W 56+00N	5
90+00W 56+50N	5
90+00W 57+00N	20
91+00W 40+00N	25
91+00W 40+50N	10
91+00W 41+50N	nd
91+00W 42+00N	nd
91+00W 42+50N	5
91+00W 43+00N	5
91+00W 43+50N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-039

JOB NUMBER: 85179

E & B EXPLORATION INC.

PAGE 2 OF 3

SAMPLE #	Au
	000
91+00W 44+00N	nd
91+00W 44+50N	nd
91+00W 45+00N	nd
91+00W 45+50N	nd
93+00W 40+00N	20
93+00W 40+50N	nd
93+00W 41+00N	10
93+00W 41+50N	nd
93+00W 42+00N	5
93+00W 42+50N	nd
93+00W 43+00N	nd
93+00W 43+50N	nd
93+00W 44+00N	nd
93+00W 44+50N	nd
93+00W 50+00N	nd
93+00W 50+50N	10
93+00W 51+00N	15
93+00W 51+50N	50
93+00W 52+00N	5
93+00W 52+50N	10
93+00W 53+00N	5
93+00W 55+00N	20
93+00W 55+50N	5
93+00W 55+00N	10
93+00W 55+50N	nd
93+00W 57+00N	10
93+00W 57+50N	20
95+00W 40+00N	5
95+00W 40+50N	nd
95+00W 41+00N	5
95+00W 41+50N	10
95+00W 42+00N	15
95+00W 42+50N	10
95+00W 43+00N	10
95+00W 43+50N	10
95+00W 44+00N	nd
95+00W 44+50N	nd
95+00W 45+00N	15
95+00W 45+50N	nd

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 988-5211 TELEX: 04-352578

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

REPORT NUMBER: 85-39-039

JOB NUMBER: 85179

E & B EXPLORATION INC.

PAGE 3 OF 3

SAMPLE #	Au
	odd
95+00W 46+00N	nd
95+00W 46+50N	nd
95+00W 47+00N	nd
95+00W 47+50N	nd
95+00W 48+00N	nd
95+00W 48+50N	nd
95+00W 49+00N	5
95+00W 49+50N	10
95+00W 50+00N	10
95+00W 50+50N	nd
95+00W 51+00N	10
95+00W 51+50N	nd
95+00W 52+00N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: E&B EXPLORATIONS
 ATTENTION: MR. ARNOLD
 PROJECT: CHRISTMAS CLAIM P.O. #4432

REPORT#: 85-39-C39
 JOB#: 85179
 INVOICE#: 8735

DATE RECEIVED: 85/07/13
 DATE COMPLETED: 85/07/22
 COPY SENT TO: MR. ARNOLD

ANALYST W. Proulx

PAGE 1 OF 3

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
90+00W 40+00N	.3	1.35	6	ND	60	ND	.11	.2	7	14	12	1.28	.05	.25	254	ND	.06	20	.05	12	ND	ND	ND	ND	11	ND	ND	97	
90+00W 41+00N A	.3	2.00	8	ND	111	ND	.17	.1	10	19	29	1.98	.07	.34	209	1	.06	18	.08	9	ND	ND	ND	ND	17	ND	ND	88	
90+00W 41+00N B	.1	2.08	ND	ND	129	ND	.17	.1	9	19	12	1.54	.05	.24	256	ND	.06	26	.08	4	ND	ND	ND	ND	15	ND	ND	154	
90+00W 41+50N	.2	1.90	6	ND	82	ND	.1	.3	12	22	35	2.06	.07	.45	465	1	.06	25	.09	9	ND	ND	ND	ND	23	ND	ND	140	
90+00W 42+00N	.3	1.37	8	ND	66	ND	.29	.2	10	24	31	1.94	.07	.46	362	ND	.07	21	.04	5	ND	ND	ND	ND	19	ND	ND	62	
90+00W 42+50N	.4	2.41	7	ND	112	3	.46	.4	16	43	64	3.11	.11	.84	347	2	.09	35	.04	12	ND	ND	ND	ND	42	ND	7	59	
90+00W 43+00N	.3	2.07	3	ND	92	ND	.42	.3	17	26	88	2.65	.09	.52	713	1	.06	30	.09	9	ND	ND	ND	ND	32	ND	4	76	
90+00W 43+50N	.1	1.12	7	ND	81	ND	.13	.1	5	10	6	1.13	.04	.13	376	ND	.05	6	.14	8	ND	ND	ND	ND	11	ND	ND	56	
90+00W 44+00N	.3	1.78	5	ND	77	ND	.24	.1	11	17	24	1.80	.06	.34	231	1	.06	23	.05	7	ND	ND	ND	ND	22	ND	ND	74	
90+00W 45+00N	.2	1.20	10	ND	70	ND	.20	.1	10	15	20	1.43	.06	.26	565	ND	.05	13	.04	5	ND	ND	ND	ND	19	ND	ND	78	
90+00W 45+50N	.2	2.30	ND	ND	85	ND	.26	.2	16	21	55	2.17	.07	.43	255	ND	.07	30	.05	6	ND	ND	ND	ND	20	ND	ND	143	
90+00W 46+00N	.3	2.19	7	ND	95	ND	.22	.1	12	26	60	2.49	.07	.56	211	ND	.07	26	.03	6	ND	ND	ND	ND	31	ND	ND	95	
90+00W 46+50N	.4	1.17	5	ND	116	ND	.18	.1	8	10	124	6.78	.13	.14	242	1	.07	10	.13	15	ND	ND	ND	1	37	ND	ND	96	
90+00W 47+00N	.3	2.27	7	ND	108	ND	.25	.1	14	20	53	2.79	.08	.41	652	1	.07	28	.08	9	ND	ND	ND	ND	26	ND	ND	171	
90+00W 47+50N	.5	1.80	11	ND	120	ND	.15	.1	10	16	29	1.97	.07	.26	249	ND	.07	15	.23	11	ND	ND	ND	ND	17	ND	ND	117	
90+00W 48+00N	.6	2.06	3	ND	111	ND	.26	.1	14	19	67	2.40	.09	.40	502	1	.08	26	.07	8	ND	ND	ND	ND	27	ND	ND	143	
90+00W 48+50N	.5	1.70	5	ND	70	ND	.17	.1	9	21	19	1.72	.05	.36	291	ND	.08	24	.07	9	ND	ND	ND	ND	15	ND	ND	105	
90+00W 49+00N	.6	1.94	5	ND	87	ND	.19	.1	12	25	35	2.39	.08	.49	395	1	.07	31	.07	6	ND	ND	ND	ND	16	ND	ND	74	
90+00W 50+00N	.4	3.26	8	ND	45	ND	.51	.1	25	25	277	9.02	.18	.83	455	6	.07	20	.20	13	ND	ND	ND	ND	24	ND	ND	52	
90+00W 50+50N	.6	2.23	6	ND	102	ND	.24	.2	12	23	31	2.41	.09	.50	355	ND	.08	24	.09	10	ND	ND	ND	ND	20	ND	ND	115	
90+00W 51+00N	.6	2.17	9	ND	99	ND	.29	.1	14	28	38	2.46	.10	.55	263	1	.09	35	.05	7	ND	ND	ND	1	26	ND	ND	78	
90+00W 51+50N	.6	2.05	9	ND	90	ND	.25	.4	16	22	46	2.32	.10	.44	329	ND	.09	25	.09	10	ND	ND	ND	ND	18	ND	ND	103	
90+00W 52+00N	.6	1.89	5	ND	88	ND	.25	.2	12	22	32	2.00	.09	.40	317	ND	.09	22	.08	7	ND	ND	ND	ND	19	ND	ND	107	
90+00W 53+00N	.8	1.94	11	ND	91	ND	.26	.6	17	28	53	2.61	.11	.48	637	1	.11	31	.10	10	ND	ND	ND	ND	20	ND	ND	197	
90+00W 53+50N	.5	.99	7	ND	57	ND	.14	.3	10	11	17	1.30	.07	.17	282	ND	.06	15	.06	5	ND	ND	ND	ND	14	ND	ND	75	
90+00W 54+00N	.5	1.53	11	ND	85	ND	.17	.2	11	17	28	1.91	.07	.34	394	ND	.07	17	.11	7	ND	ND	ND	ND	17	ND	ND	82	
90+00W 54+50N	.6	2.07	5	ND	87	ND	.14	.3	12	20	17	1.69	.08	.35	297	1	.08	20	.09	9	ND	ND	ND	ND	14	ND	ND	72	
90+00W 55+00N	.6	1.36	6	ND	74	ND	.14	.1	8	17	11	1.42	.08	.25	330	ND	.08	17	.06	9	ND	ND	ND	ND	12	ND	ND	76	
90+00W 55+50N	.6	2.11	9	ND	100	ND	.25	.3	17	22	31	2.48	.10	.53	324	1	.08	26	.10	10	ND	ND	ND	ND	21	ND	ND	125	
90+00W 56+00N	.8	2.58	14	ND	85	ND	.34	.4	29	42	93	3.90	.12	.91	402	1	.08	52	.08	10	ND	ND	ND	ND	2	26	ND	ND	58
90+00W 56+50N	.6	1.52	12	ND	95	ND	.17	.2	9	19	10	1.66	.08	.31	199	ND	.09	21	.15	7	ND	ND	ND	ND	17	ND	ND	92	
90+00W 57+00N	.8	1.93	13	ND	79	ND	.25	.3	14	29	28	2.20	.10	.52	293	1	.09	40	.07	7	ND	ND	ND	ND	20	ND	ND	67	
91+00W 40+00N	.8	2.74	9	ND	96	ND	.36	.5	15	31	30	2.56	.12	.62	372	1	.12	34	.05	11	ND	ND	ND	ND	16	ND	ND	97	
91+00W 40+50N	.8	2.24	5	ND	102	ND	.22	.3	14	22	34	2.17	.10	.42	312	ND	.09	31	.11	11	ND	ND	ND	ND	15	ND	ND	127	
91+00W 41+50N	.6	1.92	8	ND	97	ND	.22	.3	9	20	19	1.75	.09	.53	199	ND	.08	24	.10	9	ND	ND	ND	ND	19	ND	ND	112	
91+00W 42+00N	.8	2.07	3	ND	128	ND	.19	.3	9	25	15	1.92	.10	.45	194	ND	.09	25	.11	10	ND	ND	ND	ND	17	ND	ND	103	
91+00W 42+50N	.8	1.83	7	ND	101	ND	.31	.1	12	27	42	2.28	.11	.51	195	ND	.13	24	.05	9	ND	ND	ND	ND	26	ND	ND	78	
91+00W 43+00N	.8	1.58	8	ND	77	3	.23	.4	9	20	26	1.76	.10	.41	220	ND	.09	19	.04	8	ND	ND	ND	ND	19	ND	ND	67	
91+00W 43+50N	.8	1.39	12	ND	79	ND	.31	.2	9	26	26	1.98	.10	.46	225	1	.10	21	.02	8	ND	ND	ND	ND	21	ND	ND	46	

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
91+00N 44+00N	.4	2.97	13	ND	133	ND	.30	.5	15	31	39	2.57	.06	.58	379	2	.06	45	.08	5	ND	ND	ND	ND	21	ND	ND	123
91+00N 44+50N	.1	2.37	8	ND	94	ND	.26	.3	14	34	33	2.66	.07	.64	316	1	.05	30	.04	7	ND	ND	ND	1	22	ND	ND	89
91+00N 45+00N	.1	1.98	9	ND	100	ND	.22	.2	11	19	16	1.70	.05	.34	402	1	.04	24	.07	4	ND	ND	ND	ND	15	ND	ND	117
91+00N 45+50N	.2	1.55	12	ND	86	ND	.24	.3	10	22	20	1.76	.05	.38	295	1	.05	18	.04	4	ND	ND	ND	ND	16	ND	ND	64
93+00N 40+00N	.1	1.35	9	ND	54	ND	.31	.4	8	10	13	1.32	.04	.23	361	ND	.03	14	.08	3	ND	ND	ND	ND	18	ND	ND	267
93+00N 40+50N	.1	1.15	10	ND	75	ND	.39	.8	7	8	8	1.43	.04	.21	470	ND	.05	9	.17	5	ND	ND	ND	ND	28	ND	ND	262
93+00N 41+00N	.1	1.04	14	ND	51	ND	.42	.3	6	6	10	1.29	.04	.18	237	ND	.04	8	.10	10	ND	ND	ND	ND	23	ND	ND	121
93+00N 41+50N	.1	2.02	14	ND	113	ND	.31	.6	10	23	19	1.99	.05	.49	445	1	.05	22	.08	28	ND	ND	ND	ND	27	ND	ND	178
93+00N 42+00N	.2	2.11	11	ND	157	ND	.94	1.1	20	14	35	2.53	.09	.34	1568	1	.05	19	.17	8	ND	ND	ND	ND	43	ND	ND	199
93+00N 42+50N	.1	1.20	13	ND	95	ND	.38	.3	10	10	9	1.83	.04	.20	392	1	.04	13	.06	9	ND	ND	ND	ND	49	ND	ND	165
93+00N 43+00N	.4	.75	14	ND	84	ND	.39	.3	5	6	6	1.04	.06	.13	864	1	.04	4	.14	7	ND	ND	ND	ND	35	ND	ND	171
93+00N 43+50N	.4	2.55	10	ND	118	ND	.40	.2	16	22	34	2.44	.08	.40	498	1	.06	31	.06	10	ND	ND	ND	2	30	ND	ND	273
93+00N 44+00N	.5	1.73	13	ND	108	ND	.42	.1	11	27	20	1.87	.08	.59	329	1	.05	26	.12	5	ND	ND	ND	2	26	ND	ND	130
93+00N 44+50N	.5	3.99	11	ND	147	ND	.72	.2	25	31	106	3.84	.13	.66	422	1	.08	39	.03	9	ND	ND	ND	1	46	ND	4	95
93+00N 50+00N	.3	1.44	14	ND	43	ND	.09	.1	6	5	14	1.92	.03	.08	362	ND	.02	4	.07	7	ND	ND	ND	ND	8	ND	ND	46
93+00N 50+50N	.6	2.44	13	ND	112	6	.28	.2	18	31	70	3.41	.09	.90	384	3	.05	23	.13	8	ND	ND	ND	2	18	ND	ND	108
93+00N 51+00N	.6	3.43	21	ND	121	ND	.21	1.2	36	37	398	4.33	.09	.59	484	6	.05	82	.20	11	ND	ND	ND	4	16	ND	ND	282
93+00N 51+50N	.6	2.51	16	ND	86	ND	.63	.3	14	35	148	3.22	.11	.47	195	10	.10	28	.02	8	ND	ND	ND	2	35	ND	3	78
93+00N 52+00N	.6	1.75	12	ND	73	ND	.54	.1	8	26	20	1.95	.08	.39	192	4	.09	18	.04	8	ND	ND	ND	2	33	ND	ND	43
93+00N 52+50N	.6	2.11	10	ND	75	ND	.48	.1	11	28	16	2.09	.08	.35	162	2	.08	19	.03	6	ND	ND	ND	1	30	ND	ND	59
93+00N 53+00N	.4	1.37	10	ND	53	3	.25	.1	9	17	59	2.38	.06	.27	105	5	.04	18	.01	8	ND	ND	ND	1	17	ND	ND	24
93+00N 55+00N	.5	1.38	13	ND	102	ND	.17	.2	11	24	30	1.92	.06	.35	560	1	.05	21	.13	13	ND	ND	3	1	13	ND	ND	100
93+00N 55+50N	.6	3.22	15	ND	161	ND	.22	.3	20	38	79	3.34	.09	.61	381	2	.06	50	.16	13	ND	ND	ND	4	21	ND	ND	170
93+00N 56+00N	.4	2.58	13	ND	108	ND	.26	.1	17	30	58	2.82	.07	.59	341	1	.05	43	.09	9	ND	ND	ND	4	23	ND	ND	126
93+00N 56+50N	.4	1.67	24	ND	87	ND	.18	.1	13	21	38	2.25	.06	.37	453	1	.05	24	.09	8	ND	ND	ND	3	15	ND	ND	101
93+00N 57+00N	.1	1.69	19	ND	110	ND	.26	.1	18	23	41	2.69	.06	.34	1376	2	.03	34	.12	5	ND	ND	ND	2	29	ND	ND	101
93+00N 57+50N	.2	1.79	21	ND	47	ND	.23	.1	17	22	45	3.01	.06	.35	260	3	.03	31	.06	8	ND	ND	ND	ND	18	ND	ND	58
95+00N 40+00N	.3	2.07	7	ND	71	ND	.67	.1	12	14	25	1.99	.07	.35	367	ND	.06	19	.08	8	ND	ND	ND	ND	44	ND	ND	192
95+00N 40+50N	.2	1.05	10	ND	94	ND	.42	.2	6	9	8	1.29	.05	.22	955	1	.04	8	.10	6	ND	ND	ND	ND	35	ND	ND	152
95+00N 41+00N	.3	1.55	11	ND	86	ND	.41	.1	8	10	8	1.59	.06	.30	548	1	.04	10	.09	8	ND	ND	ND	1	28	ND	ND	150
95+00N 41+50N	.4	3.36	4	ND	174	3	.70	.1	19	27	94	4.59	.13	.87	400	1	.08	26	.04	12	ND	ND	ND	5	111	ND	ND	113
95+00N 42+00N	.3	2.50	8	ND	154	ND	.30	.1	12	24	26	2.40	.07	.51	451	1	.05	21	.05	8	ND	ND	ND	2	63	ND	ND	141
95+00N 42+50N	.3	2.59	7	ND	218	3	.26	.3	11	27	18	2.19	.07	.48	575	1	.06	27	.18	10	ND	ND	ND	ND	23	ND	ND	218
95+00N 43+00N	.3	2.42	9	ND	97	3	.26	.1	11	29	33	2.48	.07	.55	357	1	.06	21	.06	8	ND	ND	ND	1	20	ND	ND	116
95+00N 43+50N	.2	1.88	13	ND	105	3	.24	.1	12	17	25	2.04	.05	.34	331	1	.04	17	.05	4	ND	ND	ND	2	23	ND	ND	98
95+00N 44+00N	.1	.78	15	ND	87	ND	.36	.1	5	6	6	1.11	.05	.15	561	1	.04	6	.11	5	ND	ND	ND	ND	24	ND	ND	62
95+00N 44+50N	.1	.76	11	ND	122	ND	.31	.2	8	6	11	1.22	.03	.13	1029	1	.03	5	.16	4	ND	ND	ND	1	29	ND	ND	107
95+00N 45+00N	.3	2.84	8	ND	100	5	.32	.2	13	26	41	2.61	.07	.55	409	1	.05	28	.17	5	ND	ND	ND	2	37	ND	ND	120
95+00N 45+50N	.3	2.81	7	ND	138	ND	.24	.2	12	27	17	2.41	.06	.49	363	1	.05	24	.09	7	ND	ND	ND	2	21	ND	ND	103

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	V PPM	ZN PPM
95+00W 46+00N	.1	.83	ND	ND	44	ND	.17	.1	8	9	26	1.25	.01	.17	521	ND	.01	11	.03	9	ND	ND	ND	ND	13	ND	ND	43
95+00W 46+50N	.1	.63	3	ND	45	ND	.12	.1	12	5	33	1.48	.01	.08	286	ND	.01	8	.03	9	ND	ND	ND	ND	9	ND	ND	39
95+00W 47+00N	.1	2.09	3	ND	80	ND	.14	.2	11	21	35	2.36	.02	.43	224	1	.01	25	.06	10	ND	ND	ND	ND	15	ND	ND	100
95+00W 47+50N	.1	.51	ND	ND	33	ND	.09	.1	6	5	4	.89	.01	.08	300	ND	.01	5	.02	7	ND	ND	ND	ND	8	ND	ND	40
95+00W 48+00N	.1	1.76	3	ND	112	ND	.34	.2	18	13	35	2.84	.04	.50	1217	ND	.01	15	.11	10	ND	ND	ND	ND	28	ND	ND	105
95+00W 48+50N	.1	1.40	ND	ND	84	ND	.15	.1	9	9	22	1.38	.01	.20	423	ND	.02	17	.04	10	ND	ND	ND	ND	12	ND	ND	126
95+00W 49+00N	.1	1.58	ND	ND	55	ND	.22	.1	10	16	110	1.98	.03	.37	278	1	.02	16	.03	9	ND	ND	ND	ND	20	ND	ND	53
95+00W 49+50N	.1	1.20	12	ND	58	ND	.16	.3	10	8	88	1.62	.02	.15	230	1	.02	15	.05	12	ND	ND	ND	ND	16	ND	ND	105
95+00W 50+00N	.1	1.18	5	ND	57	ND	.19	.1	16	12	229	2.77	.03	.20	171	2	.01	31	.07	11	ND	ND	ND	ND	18	ND	ND	110
95+00W 50+50N	.1	1.82	9	ND	59	ND	.23	.1	14	23	90	2.07	.03	.38	203	1	.04	34	.03	10	ND	ND	ND	ND	23	ND	ND	66
95+00W 51+00N	.1	1.41	4	ND	85	ND	.17	.1	7	18	22	1.54	.02	.30	204	ND	.03	19	.08	7	ND	ND	ND	ND	15	ND	ND	68
95+00W 51+50N	.1	1.73	ND	ND	83	ND	.14	.1	7	18	11	1.67	.02	.26	303	1	.03	18	.18	9	ND	ND	ND	ND	12	ND	ND	74
95+00W 52+00N	.1	.92	5	ND	63	ND	.13	.1	6	14	22	1.14	.01	.23	298	ND	.03	14	.05	7	ND	ND	ND	ND	12	ND	ND	44



VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
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1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

CHEN...
- A...
- S...
✓ - 15
✓ - PM

RECEIVED
JUL 30 1985
RECEIVED

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GEOCHEMICAL ANALYTICAL REPORT

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CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: JULY 18 1985
REPORT#: 85-39-035
JOB#: 85161

PROJECT#: 5067 PO#4409
SAMPLES ARRIVED: July 9 1985
REPORT COMPLETED: JULY 18 1985
ANALYSED FOR: Au ICP

INVOICE#: 8729
TOTAL SAMPLES: 168
SAMPLE TYPE: 167 SOIL 1 SILT
REJECTS: DISCARDED

SAMPLES FROM: EAGLE CREEK, B.C.
COPY SENT TO: MARK TINDALL

PREPARED FOR: LEN SALAKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: *[Signature]*

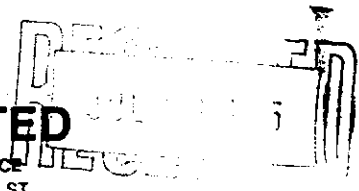
GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

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(604) 251-5656



REPORT NUMBER: 85-39-035

JOB NUMBER: 85161

MASCOT GOLD MINES LTD.

PAGE 1 OF 5

SAMPLE #	Au ppb
82+00W 67+00N	10
82+00W 67+50N	nd
82+00W 68+00N	nd
82+00W 68+50N	nd
82+00W 69+00N	10
82+00W 69+50N	nd
82+00W 70+00N	nd
82+00W 70+50N	5
82+00W 71+00N	nd
82+00W 71+50N	nd
82+00W 72+00N	20
82+00W 72+50N	10
82+00W 73+00N	15
82+00W 73+50N	10
82+00W 74+00N	nd
82+00W 74+50N	10
82+00W 75+00N	5
83+00W 67+50N	nd
83+00W 68+00N	5
83+00W 68+50N	10
83+00W 69+00N	nd
83+00W 69+50N	nd
83+00W 70+00N	nd
83+00W 70+50N	nd
83+00W 71+00N	nd
83+00W 71+50N	5
83+00W 72+00N	15
83+00W 72+50N	5
83+00W 73+00N	20
83+00W 73+50N	5
83+00W 74+00N	10
83+00W 74+50N	5
83+00W 75+00N	20
84+00W 67+00N	nd
84+00W 67+50N	10
84+00W 68+00N	nd
84+00W 69+00N	nd
84+00W 69+50N	nd
84+00W 70+00N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-035

JOB NUMBER: 85161

MASCOT GOLD MINES LTD.

PAGE 2 OF 5

SAMPLE #	Au
	ppb
84+00W 70+50N	nd
84+00W 71+00N	nd
84+00W 71+50N	15
84+00W 72+00N	nd
84+00W 72+50N	nd
84+00W 73+00N	nd
84+00W 73+50N	240
84+00W 74+00N	190
84+00W 74+50N	10
84+00W 75+00N	15
85+00W 67+00N	25
85+00W 67+50N	nd
85+00W 68+00N	nd
85+00W 69+00N	nd
85+00W 69+50N	5
85+00W 70+00N	5
85+00W 70+50N	5
85+00W 71+00N	nd
85+00W 71+50N	15
85+00W 72+00N	10
85+00W 72+50N	25
85+00W 73+00N	40
85+00W 73+50N	nd
85+00W 74+00N	nd
85+00W 74+50N	nd
85+00W 75+00N	nd
86+00W 67+00N	nd
86+00W 67+50N	10
86+00W 69+00N	nd
86+00W 69+50N	10
86+00W 70+00N	10
86+00W 70+50N	nd
86+00W 71+00N	nd
86+00W 71+50N	15
86+00W 72+00N	5
88+00W 40+00N	nd
88+00W 40+50N	5
88+00W 41+00N	10
88+00W 41+50N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

Repetited + Checked O.K.



VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 85-39-035

JOB NUMBER: 85161

MASCOT GOLD MINES LTD.

PAGE 3 OF 5

SAMPLE #	Au ppb
88+00W 42+00N	nd
88+00W 42+50N	10
88+00W 43+00N	nd
88+00W 43+50N	5
88+00W 44+00N	5
88+00W 44+50N	nd
88+00W 45+00N	nd
88+00W 45+50N	nd
88+00W 46+00N	20
88+00W 46+50N	10
88+00W 47+00N	25
88+00W 48+00N	nd
88+00W 48+50N	5
88+00W 49+00N	5
88+00W 49+50N	5
88+00W 50+00N	5
88+00W 50+50N	nd
88+00W 51+50N	20
88+00W 52+50N	nd
88+00W 53+00N	20
88+00W 53+50N	nd
88+00W 54+00N	5
88+00W 54+50N	nd
89+00W 40+00N	5
89+00W 40+50N	nd
89+00W 41+00N	10
89+00W 41+50N	10
89+00W 42+50N	nd
89+00W 43+00N	nd
89+00W 43+50N	10
89+00W 44+00N	nd
89+00W 44+50N	nd
89+00W 45+00N	30
89+00W 45+50N	nd
89+00W 46+00N	nd
89+00W 46+50N	nd
89+00W 47+00N	20
89+00W 47+50N	nd
89+00W 48+00N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-035

JOB NUMBER: 85161

MASCOT GOLD MINES LTD.

PAGE 4 OF 5

SAMPLE #	Au
	oob
89+00W 48+50N	5
89+00W 50+00N	5
89+00W 50+50N	nd
89+00W 51+00N	10
89+00W 51+50N	25
89+00W 52+00N	nd
89+00W 52+50N	nd
89+00W 53+00N	5
89+00W 53+50N	nd
89+00W 54+00N	5
89+00W 54+50N	10
89+00W 55+00N	5
89+00W 55+50N	nd
91+00W 46+00N	5
91+00W 46+50N	20
91+00W 47+00N	5
91+00W 47+50N	5
91+00W 48+00N	10
91+00W 48+50N	10
91+00W 49+00N	10
91+00W 49+50N	5
94+00W 67+00N	5
94+00W 69+50N	nd
94+00W 70+00N	5
94+00W 70+50N	5
94+00W 71+00N	nd
94+00W 71+50N	5
94+00W 72+00N	15
94+00W 72+50N	5
94+00W 73+00N	nd
94+00W 73+50N	nd
94+00W 74+00N	5
94+00W 74+50N	15
94+00W 75+00N	10
95+00W 67+00N	nd
95+00W 67+50N	nd
95+00W 68+00N	nd
95+00W 68+50N	5
95+00W 69+50N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-035

JOB NUMBER: 85161

MASCOT GOLD MINES LTD.

PAGE 5 OF 5

SAMPLE #	Au
	<i>pob</i>
95+00W 70+00N	nd
95+00W 70+50N	nd
95+00W 71+00N	nd
95+00W 71+50N	nd
95+00W 72+00N	nd
95+00W 72+50N	nd
95+00W 73+00N	nd
95+00W 73+50N	nd
95+00W 74+00N	5
95+00W 74+50N	10
95+00W 75+00N	nd
KS 006	nd

DETECTION LIMIT
nd = none detected

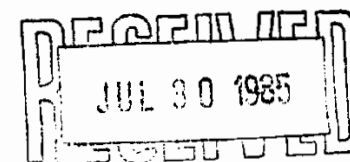
5
-- = not analysed

is = insufficient sample

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

ICAP GEOCHEMICAL ANALYSIS

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



COMPANY: MASCOT GOLD MINES
 ATTENTION: MR. TINDALL
 PROJECT: 5067 P.O.#4409

REPORT#: 85-39-035(1)
 JOB#: 85161
 INVOICE#: 8734

DATE RECEIVED: 85/07/09
 DATE COMPLETED: 85/07/19
 COPY SENT TO: MR. TINDALL

ANALYST: *J. Jones*

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PR PPM	PD PPM	PT PPM	SB PPM	SN PPM	SF PPM	U PPM	V PPM	ZN PPM
82+00W 67+00W	.4	1.95	8	ND	83	3	.21	.5	11	25	24	2.29	.08	.44	287	1	.05	26	.12	9	ND	ND	3	1	18	ND	ND	121
82+00W 67+50W	.5	2.38	9	ND	82	5	.25	.4	10	23	18	2.25	.09	.39	207	1	.06	24	.11	9	ND	ND	ND	3	22	ND	7	99
82+00W 68+00W	.4	2.00	6	ND	108	ND	.30	.4	10	26	23	2.02	.09	.42	492	1	.07	22	.05	4	ND	ND	ND	1	29	ND	ND	86
82+00W 68+50W	.3	1.73	11	ND	75	4	.36	.4	9	26	23	2.08	.09	.40	460	1	.07	22	.06	4	ND	ND	3	1	27	ND	6	83
82+00W 69+00W	.5	3.06	8	ND	97	4	.33	.5	15	31	29	2.91	.12	.46	239	1	.07	34	.16	6	ND	ND	3	3	32	ND	ND	111
82+00W 69+50W	.6	1.57	10	ND	56	ND	.53	.5	8	18	23	1.89	.10	.29	536	1	.06	14	.02	8	ND	ND	3	ND	25	ND	ND	54
82+00W 70+00W	.6	2.18	9	ND	99	ND	.24	.5	11	26	18	2.27	.09	.41	350	1	.06	24	.12	5	ND	ND	3	ND	21	ND	4	135
82+00W 70+50W	.5	1.65	12	ND	68	4	.23	.4	10	19	12	1.77	.08	.38	185	1	.06	20	.06	4	ND	ND	ND	ND	17	ND	ND	146
82+00W 71+00W	.4	1.33	12	ND	55	ND	.14	.3	10	16	18	1.70	.07	.26	530	ND	.04	14	.09	6	ND	ND	3	ND	11	ND	ND	103
82+00W 71+50W	.4	2.74	9	ND	128	3	.29	.5	12	29	28	2.67	.10	.57	254	1	.05	35	.15	5	ND	ND	ND	1	21	ND	ND	147
82+00W 72+00W	.6	2.41	9	ND	95	6	.30	.6	13	24	23	2.44	.09	.50	650	1	.04	21	.14	5	ND	ND	ND	2	21	ND	ND	169
82+00W 72+50W	.4	2.26	10	ND	72	ND	.37	.3	13	20	38	2.04	.09	.40	262	ND	.05	27	.09	3	ND	ND	ND	1	25	ND	ND	123
82+00W 73+00W	.5	2.10	8	ND	103	ND	.26	.4	13	20	41	2.05	.09	.38	294	ND	.07	22	.12	9	ND	ND	ND	2	22	ND	3	159
82+00W 73+50W	.6	2.62	10	ND	104	4	.39	.5	18	30	66	2.67	.11	.51	465	1	.06	35	.16	9	ND	ND	ND	2	50	ND	ND	145
82+00W 74+00W	.5	1.15	10	ND	67	ND	.25	.3	7	11	9	1.24	.07	.20	740	ND	.05	10	.08	6	ND	ND	4	ND	24	ND	ND	132
82+00W 74+50W	.6	2.43	41	ND	98	ND	.24	.8	15	30	67	2.67	.10	.62	313	1	.06	36	.09	10	ND	ND	3	1	24	ND	ND	103
82+00W 75+00W	.3	2.30	9	ND	84	3	.32	.8	15	30	127	2.92	.09	.76	456	1	.04	27	.08	11	ND	ND	3	ND	29	ND	5	249
83+00W 67+50W	.8	2.32	9	ND	87	6	.35	.4	12	31	40	2.59	.11	.66	293	1	.06	34	.15	9	ND	ND	7	ND	26	ND	5	118
83+00W 68+00W	.5	2.22	10	ND	57	ND	.20	.2	12	25	19	2.80	.09	.38	173	1	.05	21	.11	11	ND	ND	ND	2	16	ND	ND	101
83+00W 68+50W	.5	1.61	10	ND	58	3	.27	.3	9	20	14	1.89	.09	.34	136	1	.06	16	.02	7	ND	ND	4	1	23	ND	3	47
83+00W 69+00W	.6	2.07	3	ND	62	6	.27	.6	15	27	26	1.98	.08	.56	242	1	.05	40	.07	10	ND	ND	ND	2	18	ND	7	160
83+00W 69+50W	1.8	1.46	41	ND	80	ND	.17	1.3	14	15	53	2.02	.07	.27	580	ND	.05	18	.20	10	ND	ND	ND	ND	17	ND	ND	206
83+00W 70+00W	.6	2.40	8	ND	67	5	.23	.3	14	18	24	2.18	.09	.34	202	ND	.06	25	.08	10	ND	ND	3	ND	19	ND	ND	221
83+00W 70+50W	.4	2.43	9	ND	92	4	.26	.5	16	25	62	2.69	.10	.51	423	1	.05	33	.08	7	ND	ND	ND	ND	28	ND	3	180
83+00W 71+00W	2.5	1.80	17	ND	50	ND	.61	1.6	7	29	50	1.45	.09	.36	153	1	.08	25	.03	9	ND	ND	ND	ND	29	ND	ND	125
83+00W 71+50W	.6	2.66	10	ND	77	3	.32	.6	17	32	71	3.00	.11	.70	275	1	.06	39	.05	10	ND	ND	3	2	37	ND	5	81
83+00W 72+00W	.6	2.41	9	ND	89	6	.28	.4	15	30	63	2.75	.11	.70	309	1	.06	36	.07	7	ND	ND	3	2	21	ND	ND	107
83+00W 72+50W	1.1	3.19	3	ND	113	ND	1.77	1.1	29	18	209	9.59	.31	.30	1922	3	.05	18	.27	20	ND	ND	5	7	36	11	ND	88
83+00W 73+00W	.5	2.38	9	ND	103	3	.27	.4	13	24	41	2.40	.11	.46	239	1	.06	29	.07	12	ND	ND	ND	ND	27	4	ND	118
83+00W 73+50W	.6	2.37	10	ND	140	3	.27	.2	13	25	30	2.16	.11	.49	216	1	.07	31	.05	9	ND	ND	4	ND	32	4	ND	94
83+00W 74+00W	.6	2.69	11	ND	109	6	.25	.4	18	32	67	2.76	.12	.59	438	1	.07	39	.08	10	ND	ND	4	ND	28	ND	4	109
83+00W 74+50W	.6	2.14	11	ND	127	ND	.22	.5	13	26	56	2.72	.12	.57	336	2	.06	23	.07	9	ND	ND	4	ND	18	4	ND	87
83+00W 75+00W	.6	1.81	20	ND	92	3	.37	.4	17	34	88	3.12	.13	.63	438	1	.05	27	.09	11	ND	ND	4	ND	23	ND	ND	105
84+00W 67+00W	.8	2.55	11	ND	74	6	.31	.6	16	28	40	3.11	.13	.62	437	1	.08	31	.18	13	ND	ND	4	ND	24	3	ND	196
84+00W 67+50W	.8	2.70	10	ND	61	3	.21	.6	15	27	37	2.70	.11	.46	205	1	.07	31	.09	11	ND	ND	3	ND	18	ND	ND	151
84+00W 68+00W	.8	2.32	15	ND	82	5	.21	.6	14	25	28	2.48	.12	.42	372	1	.07	29	.13	13	ND	ND	4	ND	19	5	ND	175
84+00W 69+00W	.6	2.20	15	ND	67	6	.28	.3	19	29	55	2.82	.11	.64	457	1	.06	41	.13	11	ND	ND	4	1	19	ND	3	132
84+00W 69+50W	.6	2.60	7	ND	95	6	.28	.6	15	25	30	2.76	.11	.66	489	1	.05	26	.13	8	ND	ND	3	3	26	ND	ND	152
84+00W 70+00W	.5	2.49	8	ND	112	ND	.28	.8	20	19	37	2.59	.10	.35	1225	1	.05	28	.23	12	ND	ND	ND	1	27	ND	ND	201

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SE PPM	SM PPM	SR PPM	U PPM	W PPM	Zn PPM
84+00W 70+50W	.3	1.87	14	ND	64	4	.25	.3	10	23	23	1.95	.07	.41	285	ND	.06	23	.07	7	ND	ND	3	ND	16	ND	ND	128
84+00W 71+00W	.3	2.26	9	ND	95	5	.21	.3	13	25	29	2.48	.08	.47	203	1	.05	31	.12	9	ND	ND	ND	ND	22	ND	ND	141
84+00W 71+50W	.5	2.50	9	ND	104	6	.28	.6	16	32	46	2.85	.09	.71	295	1	.05	38	.09	8	ND	ND	ND	ND	24	ND	ND	126
84+00W 72+00W	.3	2.35	12	ND	114	ND	.25	.6	13	24	28	2.15	.07	.44	444	ND	.04	26	.12	7	ND	ND	ND	ND	17	ND	ND	133
84+00W 72+50W	.5	2.46	11	ND	97	ND	.30	.4	13	28	33	2.56	.08	.57	476	1	.04	25	.13	9	ND	ND	ND	ND	18	ND	ND	151
84+00W 73+00W	.4	2.65	27	ND	129	3	.29	.6	19	33	159	3.86	.10	.86	405	1	.03	41	.10	12	ND	ND	ND	ND	22	ND	ND	138
84+00W 73+50W	.6	3.37	506	ND	106	ND	.31	2.4	26	34	147	5.36	.14	.86	225	3	.05	47	.15	71	ND	ND	ND	1	22	ND	ND	631
84+00W 74+00W	.3	2.36	256	ND	103	ND	.27	.6	13	24	80	3.78	.11	.80	477	1	.03	24	.08	47	ND	ND	ND	ND	19	ND	ND	164
84+00W 74+50W	.6	3.22	18	ND	84	ND	.26	.3	15	35	93	3.83	.12	.81	348	2	.05	46	.10	9	ND	ND	3	ND	22	ND	ND	121
84+00W 75+00W	.4	2.42	12	ND	95	3	.22	.8	18	22	52	2.54	.09	.45	308	1	.05	30	.06	10	ND	ND	ND	ND	22	ND	ND	125
85+00W 67+00W	.4	1.34	15	ND	64	ND	.14	.4	9	19	14	1.65	.06	.27	293	ND	.05	16	.17	13	ND	ND	ND	ND	12	ND	ND	125
85+00W 67+50W	.4	1.79	10	ND	70	ND	.13	.5	9	18	11	1.78	.06	.26	434	ND	.05	16	.09	10	ND	ND	ND	ND	13	ND	ND	140
85+00W 68+00W	.3	2.37	7	ND	66	6	.23	.6	14	25	24	2.71	.08	.44	313	1	.05	24	.14	11	ND	ND	ND	2	23	ND	ND	219
85+00W 69+00W	.6	2.94	10	ND	94	ND	.36	.6	15	36	51	3.24	.12	.66	249	1	.07	36	.13	9	ND	ND	ND	1	31	ND	ND	101
85+00W 69+50W	.5	2.67	6	ND	89	4	.21	.6	13	31	24	3.00	.09	.50	240	1	.06	29	.16	8	ND	ND	ND	ND	19	ND	ND	145
85+00W 70+00W	.4	2.08	9	ND	81	ND	.24	.5	10	30	39	2.27	.08	.59	290	1	.06	24	.05	8	ND	ND	ND	ND	24	ND	ND	75
85+00W 70+50W	.6	1.73	15	ND	78	5	.26	.4	10	32	30	2.10	.09	.57	278	1	.07	25	.06	8	ND	ND	ND	ND	24	ND	ND	68
85+00W 71+00W	.6	1.23	14	ND	53	ND	.16	.2	7	13	22	1.42	.07	.28	311	1	.05	14	.05	7	ND	ND	ND	ND	12	ND	ND	75
85+00W 71+50W	.3	2.60	7	ND	80	ND	.18	.6	12	29	28	2.64	.08	.45	200	1	.06	27	.15	11	ND	ND	ND	ND	14	ND	ND	111
85+00W 72+00W	.6	2.30	10	ND	131	ND	.20	.6	10	24	19	2.02	.08	.43	481	1	.06	31	.09	11	ND	ND	ND	ND	16	ND	ND	143
85+00W 72+50W	.1	1.72	7	ND	77	ND	.23	.4	11	14	24	1.70	.04	.33	395	1	.03	21	.04	12	ND	ND	ND	ND	15	ND	ND	124
85+00W 73+00W	.3	1.68	13	ND	85	ND	.20	.1	10	20	49	1.86	.06	.39	427	1	.04	20	.04	5	ND	ND	ND	ND	16	ND	ND	95
85+00W 73+50W	.2	2.56	13	ND	109	ND	.25	.5	13	26	26	2.06	.07	.44	437	ND	.05	31	.12	7	ND	ND	ND	ND	18	ND	ND	140
85+00W 74+00W	.4	2.51	19	ND	101	3	.25	.6	14	30	42	2.69	.09	.52	406	1	.06	38	.11	10	ND	ND	ND	1	24	ND	ND	133
85+00W 74+50W	.2	1.95	9	ND	83	ND	.18	.3	11	21	24	1.87	.05	.36	246	ND	.05	22	.07	7	ND	ND	ND	ND	16	ND	ND	114
85+00W 75+00W	.3	2.29	11	ND	114	3	.27	.5	14	31	52	2.36	.08	.60	429	ND	.06	33	.07	7	ND	ND	ND	ND	30	ND	ND	117
86+00W 67+00W	.3	2.86	24	ND	80	ND	.30	.5	21	31	124	4.04	.12	.69	392	3	.05	29	.12	9	ND	ND	ND	1	22	ND	ND	121
86+00W 67+50W	.5	3.05	13	ND	106	ND	.22	.6	16	32	51	3.35	.10	.54	244	1	.06	32	.13	10	ND	ND	ND	ND	21	ND	ND	117
86+00W 69+00W	.5	2.10	9	ND	79	3	.29	.6	11	29	24	2.43	.09	.51	262	1	.07	32	.15	8	ND	ND	ND	ND	23	ND	ND	121
86+00W 69+50W	.6	2.11	8	ND	77	3	.27	.4	10	26	24	2.24	.09	.49	220	1	.06	26	.11	9	ND	ND	3	ND	20	ND	ND	105
86+00W 70+00W	.6	2.06	12	ND	48	ND	.43	.6	9	19	21	2.12	.09	.28	140	2	.07	18	.04	9	ND	ND	ND	1	37	ND	ND	93
86+00W 70+50W	.5	1.98	10	ND	78	ND	.21	.6	10	22	18	1.96	.08	.38	311	1	.05	21	.10	9	ND	ND	ND	ND	16	3	ND	114
86+00W 71+00W	.3	1.97	8	ND	69	ND	.27	.3	10	25	62	2.02	.07	.45	256	1	.05	23	.04	4	ND	ND	ND	ND	21	ND	ND	121
86+00W 71+50W	.3	1.94	10	ND	76	3	.25	.6	11	29	29	2.16	.07	.53	308	1	.05	30	.10	6	ND	ND	ND	1	22	ND	ND	111
86+00W 72+00W	.4	1.43	11	ND	68	ND	.35	1.1	11	13	23	1.48	.06	.26	540	1	.04	17	.05	8	ND	ND	ND	ND	21	ND	ND	153
88+00W 40+00W	.4	1.85	13	ND	102	ND	.21	.4	9	20	19	1.87	.07	.36	299	1	.04	22	.08	8	ND	ND	ND	ND	19	ND	ND	125
88+00W 40+50W	.3	1.46	15	ND	67	3	.19	.5	8	18	14	1.54	.07	.29	420	1	.05	18	.04	6	ND	ND	ND	ND	17	ND	ND	117
88+00W 41+00W	.4	2.38	10	ND	91	ND	.21	.5	11	23	15	1.97	.06	.37	379	1	.07	25	.17	12	ND	ND	ND	ND	17	ND	ND	287
88+00W 41+50W	.3	1.44	14	ND	54	ND	.15	.3	9	13	17	1.45	.04	.25	431	ND	.03	16	.04	6	ND	ND	ND	ND	13	ND	ND	125

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PR PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
88+00W 42+00N	.1	2.53	12	ND	54	4	.30	.4	15	25	62	2.67	.07	.51	247	1	.05	37	.07	8	ND	ND	ND	1	27	ND	ND	160
88+00W 42+50N	.4	3.90	8	ND	84	4	.56	.8	29	32	108	5.14	.17	.59	614	2	.06	49	.10	19	ND	ND	ND	ND	82	3	ND	199
88+00W 43+00N	.3	1.84	37	ND	54	5	.22	.8	11	27	17	1.79	.06	.48	365	1	.04	85	.12	9	ND	ND	ND	ND	17	ND	ND	223
88+00W 43+50N	.4	2.34	10	ND	75	4	.20	.5	11	22	25	2.10	.08	.41	248	1	.05	25	.07	8	ND	ND	ND	ND	17	ND	ND	148
88+00W 44+00N	.5	2.72	9	ND	95	6	.39	.6	23	38	61	2.98	.11	.86	267	1	.05	38	.02	8	ND	ND	ND	3	32	ND	6	137
88+00W 44+50N	.3	2.46	5	ND	70	ND	.38	.6	12	23	35	2.35	.09	.53	328	1	.04	23	.04	7	ND	ND	ND	ND	26	ND	ND	132
88+00W 45+00N	.2	1.66	12	ND	53	7	.19	.3	14	30	40	1.85	.06	.48	343	1	.04	30	.09	7	ND	ND	ND	ND	16	ND	ND	119
88+00W 45+50N	.4	3.01	7	ND	68	3	.27	.6	24	30	145	3.97	.11	.74	322	4	.04	46	.07	16	ND	ND	ND	1	27	ND	4	127
88+00W 46+00N	.2	1.45	6	ND	55	ND	.19	.5	16	12	210	5.03	.12	.17	377	4	.02	16	.07	11	ND	ND	ND	1	15	ND	ND	69
88+00W 46+50N	.2	1.31	10	ND	90	3	.14	.4	7	16	14	1.67	.05	.23	443	1	.04	16	.04	6	ND	ND	ND	ND	13	ND	ND	116
88+00W 47+00N	.2	1.31	13	ND	83	3	.12	.3	6	18	18	2.25	.09	.25	210	1	.07	19	.04	8	ND	ND	5	ND	14	3	ND	90
88+00W 48+00N	.4	1.58	10	ND	74	6	.26	.3	8	24	17	1.67	.08	.38	252	1	.06	17	.03	7	ND	ND	3	ND	22	4	ND	59
88+00W 48+50N	.4	1.82	12	ND	90	6	.29	.3	15	20	81	2.06	.09	.43	447	1	.04	26	.05	9	ND	ND	3	ND	26	4	ND	116
88+00W 49+00N	.4	2.15	8	ND	73	5	.31	.4	16	25	83	2.48	.10	.51	412	1	.05	22	.05	10	ND	ND	3	2	22	4	4	105
88+00W 49+50N	.5	2.33	8	ND	93	4	.28	.5	15	21	55	2.58	.10	.54	393	1	.05	25	.10	8	ND	ND	4	3	25	ND	ND	194
88+00W 50+00N	.5	2.80	6	ND	65	6	.39	.8	20	25	83	3.87	.13	.62	355	2	.05	25	.19	10	ND	ND	ND	4	36	6	ND	209
88+00W 50+50N	.4	1.61	10	ND	74	6	.19	.2	9	17	16	1.80	.07	.31	425	1	.05	14	.13	9	ND	ND	ND	1	14	ND	ND	106
88+00W 51+50N	.3	2.07	10	ND	98	ND	.24	.4	11	23	32	2.21	.09	.41	276	1	.06	22	.07	7	ND	ND	ND	1	22	ND	ND	102
88+00W 52+50N	.5	2.16	17	ND	87	5	.15	.6	16	26	42	2.87	.09	.40	319	1	.05	26	.11	13	ND	ND	3	4	15	3	ND	125
88+00W 53+00N	.5	1.95	16	ND	50	4	.30	.5	13	29	48	2.41	.10	.53	329	1	.08	25	.03	9	ND	ND	ND	2	20	4	ND	118
88+00W 53+50N	.3	1.09	11	ND	17	ND	.24	.5	4	9	43	1.18	.05	.13	309	1	.07	22	.02	8	ND	ND	ND	ND	15	ND	ND	36
88+00W 54+00N	.3	3.01	9	ND	107	5	.23	.5	20	31	36	3.63	.10	.53	255	2	.05	35	.07	10	ND	ND	ND	2	29	ND	ND	150
88+00W 54+50N	.6	2.38	8	ND	73	4	.67	.5	12	32	17	2.72	.12	.49	159	3	.07	24	.02	9	ND	ND	ND	3	38	8	ND	50
89+00W 40+00N	.4	2.34	15	ND	71	5	.38	.4	13	35	76	2.83	.11	.68	373	1	.05	33	.05	10	ND	ND	ND	3	54	ND	ND	112
89+00W 40+50N	.4	2.50	8	ND	142	4	.27	.8	11	32	23	2.37	.10	.56	314	1	.06	35	.11	9	ND	ND	ND	2	21	3	ND	190
89+00W 41+00N	.2	2.27	10	ND	71	5	.29	.3	14	29	42	2.43	.10	.55	341	1	.06	31	.04	8	ND	ND	3	3	23	ND	ND	149
89+00W 41+50N	.2	2.70	ND	ND	66	3	.45	.8	21	21	109	5.55	.16	.48	390	2	.05	38	.14	15	ND	ND	3	4	32	ND	ND	106
89+00W 42+50N	.2	1.27	10	ND	50	3	.33	.2	10	9	26	1.62	.06	.24	598	1	.02	12	.04	5	ND	ND	ND	ND	25	ND	ND	85
89+00W 43+00N	.1	2.82	5	ND	122	3	.37	.6	18	23	43	2.94	.09	.52	270	1	.03	33	.05	7	ND	ND	ND	ND	31	ND	ND	111
89+00W 43+50N	.3	1.51	11	ND	74	3	.32	.4	10	29	26	2.10	.09	.52	227	1	.07	20	.02	6	ND	ND	4	ND	26	4	ND	55
89+00W 44+00N	.2	1.54	12	ND	57	5	.27	.6	11	16	17	1.70	.06	.30	344	1	.04	17	.14	6	ND	ND	4	ND	17	ND	ND	259
89+00W 44+50N	.3	2.07	10	ND	56	4	.45	.6	15	37	47	2.98	.10	.57	218	2	.05	26	.01	6	ND	ND	3	3	23	6	ND	83
89+00W 45+00N	.2	2.59	8	ND	57	3	.27	.6	14	23	33	2.56	.08	.38	188	1	.05	31	.10	7	ND	ND	ND	2	18	ND	ND	123
89+00W 45+50N	.3	2.21	11	ND	64	4	.26	.5	16	19	91	2.69	.10	.38	303	1	.05	30	.10	8	ND	ND	ND	2	24	ND	ND	130
89+00W 46+00N	.1	2.31	11	ND	89	5	.32	.2	11	28	37	2.23	.07	.55	233	1	.05	33	.03	6	ND	ND	ND	3	30	ND	ND	124
89+00W 46+50N	.1	2.03	9	ND	86	4	.20	.3	9	24	24	1.98	.06	.50	212	1	.04	23	.03	5	ND	ND	3	3	22	ND	ND	134
89+00W 47+00N	.1	2.30	20	ND	74	3	.13	.5	12	20	31	2.45	.04	.38	281	1	.03	22	.18	10	ND	ND	3	2	16	ND	ND	194
89+00W 47+50N	.1	1.79	12	ND	73	6	.19	.3	9	20	42	2.02	.05	.44	386	1	.03	20	.04	5	ND	ND	3	ND	17	ND	ND	117
89+00W 48+00N	.2	2.20	10	ND	129	4	.20	.3	11	22	35	2.33	.06	.43	463	1	.04	24	.14	8	ND	ND	ND	1	23	ND	ND	150

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NJ PPM	P %	PR PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	V PPM	ZN PPM
89+00W 48+50N	.2	2.03	ND	ND	100	4	.20	.3	12	26	70	2.37	.09	.50	348	ND	.09	32	.13	9	ND	ND	ND	ND	18	ND	ND	154
89+00W 50+00N	.1	2.07	ND	ND	76	5	.24	.1	23	15	71	2.83	.09	.43	281	ND	.05	21	.08	7	ND	ND	ND	ND	26	ND	ND	136
89+00W 50+50N	.1	2.62	ND	ND	116	5	.34	.1	11	27	44	2.44	.09	.56	364	ND	.06	26	.06	6	ND	ND	ND	ND	40	ND	ND	87
89+00W 51+00N	.1	1.38	ND	ND	38	4	.13	.1	8	13	14	1.66	.05	.23	223	ND	.05	11	.07	7	ND	ND	ND	ND	13	ND	ND	79
89+00W 51+50N	.2	2.06	3	ND	76	3	.23	.3	12	27	50	2.56	.09	.56	317	ND	.08	24	.04	7	ND	ND	ND	ND	19	ND	3	98
89+00W 52+00N	.3	1.65	ND	ND	77	ND	.28	.4	11	17	54	1.73	.08	.33	442	ND	.06	18	.07	8	ND	ND	ND	ND	23	ND	ND	102
89+00W 52+50N	.1	2.53	ND	ND	74	5	.31	.4	17	31	99	2.85	.10	.68	278	ND	.08	34	.06	9	ND	ND	ND	ND	28	ND	3	115
89+00W 53+00N	1.1	1.69	3	ND	98	6	.22	.1	12	22	62	2.43	.09	.40	467	ND	.07	21	.05	7	ND	ND	ND	ND	20	ND	ND	136
89+00W 53+50N	.1	2.47	ND	ND	96	3	.26	.1	16	31	38	2.65	.09	.61	308	ND	.08	33	.06	7	ND	ND	ND	ND	28	ND	ND	94
89+00W 54+00N	.1	2.37	4	ND	86	4	.20	.4	13	22	18	2.02	.07	.37	389	ND	.07	28	.11	9	ND	ND	ND	ND	22	ND	ND	169
89+00W 54+50N	.1	2.41	ND	ND	98	3	.32	.4	15	26	32	2.43	.09	.52	385	ND	.08	36	.10	6	ND	ND	ND	ND	30	ND	ND	150
89+00W 55+00N	.1	2.50	ND	ND	84	3	.32	.3	16	33	38	2.67	.10	.63	292	ND	.07	54	.04	8	ND	ND	ND	ND	32	ND	ND	88
89+00W 55+50N	.1	1.96	3	ND	89	5	.34	.4	13	34	30	2.43	.09	.64	286	ND	.08	36	.06	4	ND	ND	ND	ND	29	ND	3	72
91+00W 46+00N	.2	2.48	ND	ND	124	5	.34	.1	17	50	123	3.74	.17	.79	334	ND	.20	46	.04	9	ND	ND	ND	1	30	ND	5	65
91+00W 46+50N	.1	2.57	ND	ND	100	ND	.50	.1	43	23	421	8.12	.22	.38	812	ND	.09	53	.11	9	ND	ND	ND	ND	35	ND	ND	68
91+00W 47+00N	.1	2.72	ND	ND	95	6	.45	.2	17	29	101	3.37	.12	.75	280	ND	.07	29	.06	8	ND	ND	ND	ND	24	ND	5	76
91+00W 47+50N	.1	2.52	ND	ND	121	ND	.26	.2	18	19	54	2.59	.08	.36	260	ND	.07	42	.08	8	ND	ND	ND	ND	24	ND	ND	109
91+00W 48+00N	.1	2.51	ND	ND	137	3	.17	.1	16	23	149	3.19	.09	.46	199	7	.07	26	.11	6	ND	ND	ND	ND	21	ND	ND	68
91+00W 48+50N	.1	2.52	ND	ND	120	ND	.25	.1	16	29	119	2.99	.10	.57	317	2	.07	37	.08	7	ND	ND	ND	ND	27	ND	ND	124
91+00W 49+00N	.1	1.21	5	ND	49	ND	.21	.2	11	16	220	3.01	.08	.30	282	ND	.04	13	.12	8	ND	ND	ND	ND	18	ND	ND	64
91+00W 49+50N	.2	2.39	4	ND	105	4	.32	.2	14	31	64	3.00	.12	.68	264	ND	.08	38	.09	8	ND	ND	ND	ND	44	ND	4	67
94+00W 67+00N	.2	2.23	3	ND	89	ND	.25	.3	13	30	28	2.51	.09	.50	244	ND	.09	29	.05	7	ND	ND	ND	ND	19	ND	ND	102
94+00W 69+50N	.5	3.52	ND	ND	99	ND	.45	.5	10	30	34	2.81	.11	.34	160	ND	.09	27	.05	9	ND	ND	ND	ND	32	ND	ND	60
94+00W 70+00N	.1	1.19	ND	ND	45	3	.26	.2	6	13	10	1.41	.06	.24	197	ND	.05	10	.02	8	ND	ND	ND	ND	19	ND	ND	45
94+00W 70+50N	.2	2.50	13	ND	82	3	.22	.2	12	33	22	2.82	.10	.50	214	ND	.09	25	.12	9	ND	ND	ND	1	16	ND	ND	173
94+00W 71+00N	.2	1.80	5	ND	77	ND	.24	.1	9	27	29	2.13	.09	.32	297	ND	.06	18	.03	7	ND	ND	ND	ND	19	ND	ND	48
94+00W 71+50N	.2	2.19	3	ND	116	ND	.27	.8	17	24	33	2.44	.10	.34	904	ND	.10	31	.17	9	ND	ND	ND	ND	20	ND	ND	214
94+00W 72+00N	.6	1.95	7	ND	82	ND	.21	.2	9	26	22	2.49	.09	.36	248	ND	.10	21	.14	9	ND	ND	ND	2	17	ND	ND	123
94+00W 72+50N	.2	1.72	3	ND	52	ND	.19	.4	9	24	12	2.16	.07	.32	184	ND	.06	17	.08	7	ND	ND	ND	1	15	ND	3	123
94+00W 73+00N	.1	1.88	18	ND	570	ND	.69	.6	7	12	16	1.83	.11	.28	21715	29	.05	13	.10	3	ND	ND	ND	ND	184	ND	ND	26
94+00W 73+50N	.2	1.96	4	ND	99	ND	.54	.4	10	27	15	2.43	.11	.47	477	ND	.08	20	.33	7	ND	ND	ND	ND	63	ND	ND	122
94+00W 74+00N	.2	2.00	4	ND	86	ND	.35	.5	10	26	18	2.11	.10	.42	225	ND	.08	26	.10	7	ND	ND	ND	ND	24	ND	ND	61
94+00W 74+50N	.2	1.49	3	ND	86	3	.28	.3	10	27	29	1.86	.08	.47	209	ND	.08	25	.06	8	ND	ND	ND	ND	24	ND	ND	61
94+00W 75+00N	.1	1.88	ND	ND	204	ND	.28	.6	10	22	14	1.79	.08	.37	418	ND	.08	24	.19	7	ND	ND	ND	ND	29	ND	ND	159
95+00W 67+00N	.2	2.41	ND	ND	131	ND	.23	.5	12	27	45	2.53	.10	.52	393	ND	.05	32	.12	9	ND	ND	ND	1	20	ND	ND	118
95+00W 67+50N	.1	2.42	ND	ND	125	ND	.20	.1	11	25	32	2.47	.09	.43	453	ND	.07	25	.13	9	ND	ND	ND	1	18	ND	ND	122
95+00W 68+00N	.1	1.85	3	ND	79	ND	.15	.3	13	17	31	1.97	.06	.27	315	ND	.06	23	.11	9	ND	ND	ND	ND	11	ND	ND	93
95+00W 68+50N	.1	1.89	5	ND	95	3	.25	.2	11	31	38	2.19	.09	.56	230	ND	.08	27	.04	6	ND	ND	ND	1	22	ND	ND	54
95+00W 69+50N	.1	1.36	ND	ND	41	ND	.15	.2	5	13	13	1.63	.05	.16	113	ND	.05	7	.02	7	ND	ND	ND	ND	15	ND	ND	41

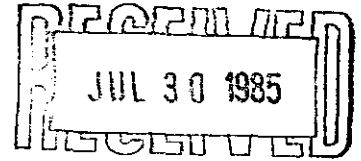
SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
95+00W 70+00W	.8	1.83	10	ND	89	4	.24	.5	13	32	68	2.50	.12	.61	311	1	.09	30	.05	10	3	ND	5	3	24	4	ND	62
95+00W 70+50W	1.1	1.92	11	ND	111	5	.34	.5	17	24	101	5.06	.16	.48	486	2	.09	26	.10	14	4	ND	5	4	21	13	5	119
95+00W 71+00W	.5	1.85	11	ND	179	4	.24	.2	16	27	91	3.39	.13	.55	463	2	.07	26	.08	10	ND	ND	4	1	21	3	ND	96
95+00W 71+50W	.5	2.09	9	ND	108	ND	.42	.4	12	31	34	2.93	.10	.58	316	1	.07	27	.13	9	ND	ND	ND	3	31	ND	ND	104
95+00W 72+00W	.6	1.69	17	ND	158	5	.86	1.6	11	32	59	2.61	.14	.47	4599	3	.10	30	.10	11	ND	ND	3	1	67	4	ND	59
95+00W 72+50W	.6	1.96	13	ND	115	5	.75	.5	14	38	39	2.89	.14	.72	1057	1	.09	28	.08	11	ND	ND	3	1	63	ND	ND	83
95+00W 73+00W	.6	1.38	10	ND	41	4	.28	.6	8	23	21	1.83	.10	.32	240	1	.08	17	.03	9	3	ND	4	1	23	9	ND	49
95+00W 73+50W	.3	1.11	7	ND	215	3	.30	.6	8	18	23	1.62	.07	.29	1271	1	.04	13	.24	14	ND	ND	ND	ND	36	ND	ND	123
95+00W 74+00W	.3	1.62	9	ND	57	5	.23	.3	10	28	24	1.82	.06	.45	203	1	.06	23	.05	7	ND	ND	ND	1	20	ND	ND	87
95+00W 74+50W	.5	1.56	6	ND	114	ND	.24	.1	9	24	28	1.78	.08	.41	333	ND	.06	25	.08	8	ND	ND	3	1	28	3	ND	81
95+00W 75+00W	.6	1.96	9	ND	98	4	.33	.6	11	29	31	2.18	.09	.52	419	ND	.08	29	.12	9	ND	ND	ND	ND	31	ND	ND	96
KS 006	.5	2.37	24	ND	196	4	1.15	.6	20	49	40	3.74	.17	1.07	3942	1	.09	35	.12	10	ND	ND	ND	4	67	ND	ND	97



VANGEOCHEM LAB LIMITED

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

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



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

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: JULY 18 1985

REPORT#: 85-39-033
JOB#: 85156

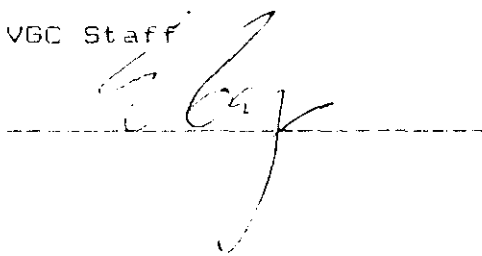
PROJECT#: 5067 P.O.#4397
SAMPLES ARRIVED: July 8 1985
REPORT COMPLETED: JULY 18 1985
ANALYSED FOR: Au ICP

INVOICE#: 8724
TOTAL SAMPLES: 103
SAMPLE TYPE: 103 SOIL
REJECTS: DISCARDED

SAMPLES FROM: EAGLE CREEK, B.C.
COPY SENT TO: MARK TINDALL

PREPARED FOR: LEN SALEKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: _____


GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

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

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REPORT NUMBER: 85-39-033

JOB NUMBER: 85156

MASCOT GOLD MINES LTD.

PAGE 1 OF 3

SAMPLE #	Au ppb
80+00W 67+00N	nd
80+00W 67+50N	nd
80+00W 68+00N	nd
80+00W 68+50N	nd
80+00W 69+00N	15
80+00W 69+50N	15
80+00W 70+00N	5
80+00W 70+50N	nd
80+00W 71+00N	nd
80+00W 71+50N	10
80+00W 72+00N	5
80+00W 72+50N	5
80+00W 73+00N	nd
80+00W 73+50N	nd
80+00W 74+00N	nd
80+00W 74+50N	5
80+00W 75+00N	nd
81+00W 67+00N	nd
81+00W 67+50N	nd
81+00W 68+00N	nd
81+00W 68+50N	10
81+00W 69+00N	5
81+00W 69+50N	5
81+00W 70+00N	10
81+00W 70+50N	nd
81+00W 71+00N	10
81+00W 71+50N	nd
81+00W 72+00N	10
81+00W 72+50N	10
81+00W 73+50N	nd
81+00W 74+00N	nd
81+00W 74+50N	5
81+00W 75+00N	10
86+00W 72+50N	nd
86+00W 73+00N	40
86+00W 74+00N	15
86+00W 74+50N	nd
86+00W 75+00N	30
87+00W 67+00N	nd

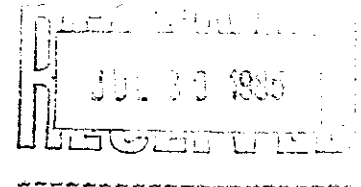
DETECTION LIMIT

5

nd = none detected

— = not analysed

is = insufficient sample





VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-033

JOB NUMBER: 85156

MASCOT GOLD MINES LTD.

PAGE 2 OF 3

SAMPLE #	Au ppb
87+00W 67+50N	nd
87+00W 68+00N	65
87+00W 69+00N	5
87+00W 70+00N	nd
87+00W 70+50N	15
87+00W 71+00N	10
87+00W 71+50N	5
87+00W 72+00N	nd
87+00W 72+50N	5
87+00W 73+00N	nd
87+00W 73+50N	5
87+00W 74+50N	5
87+00W 75+00N	5
88+00W 67+00N	10
88+00W 67+50N	5
88+00W 68+00N	10
88+00W 68+50N	nd
88+00W 69+00N	5
88+00W 69+50N	10
88+00W 70+00N	10
88+00W 70+50N	nd
88+00W 71+00N	nd
88+00W 71+50N	10
88+00W 72+00N	nd
88+00W 72+50N	5
88+00W 73+00N	5
88+00W 73+50N	10
88+00W 74+00N	20
88+00W 74+50N	nd
88+00W 75+00N	5
89+00W 67+00N	nd
89+00W 67+50N	nd
89+00W 68+00N	nd
89+00W 68+50N	5
89+00W 69+00N	10
89+00W 69+50N	10
89+00W 70+00N	nd
89+00W 70+50N	25
89+00W 71+00N	5

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-833

JOB NUMBER: 85156

MASCOT GOLD MINES LTD.

PAGE 3 OF 3

SAMPLE #	Au ppb
89+00W 71+50N	5
89+00W 72+00N	nd
89+00W 72+50N	nd
89+00W 73+00N	5
89+00W 73+50N	5
89+00W 74+00N	15
89+00W 74+50N	nd
89+00W 75+00N	5
90+00W 67+00N	nd
90+00W 67+50N	nd
90+00W 68+00N	5
90+00W 68+50N	10
90+00W 69+00N	25
90+00W 69+50N	10
90+00W 70+00N	10
90+00W 70+50N	5
90+00W 71+00N	5
90+00W 71+50N	5
90+00W 72+00N	15
90+00W 72+50N	30
90+00W 73+00N	nd
90+00W 73+50N	15
90+00W 74+00N	nd
90+00W 74+50N	15
90+00W 75+00N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

RECEIVED
JUL 30 1985
156615

INCORPORATED LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:1 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR Ag, Au, Fe, Ca, P, Cr, Mg, Ba, Pb, Al, Mn, K, W, Pt AND Sr. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: MASCOT GOLD MINES
ATTENTION: MR. SALEKEN & MR. TINDALL
PROJECT: 5067 P.O.#4397

REPORT#: 85-39-033
JOB#: 85156
INVOICE#: 8724

DATE RECEIVED: 85/07/08
DATE COMPLETED: 85/07/18
COPY SENT TO: MR. SALEKEN & MR. TINDALL ANALYST *W. Burns*

PAGE 1 OF 3

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SK PPM	SR PPM	U PPM	W PPM	ZN PPM	
80+00 67+00N	.6	.66	14	ND	21	ND	.24	.2	5	6	232	.94	.06	.07	225	1	.06	11	.01	6	ND	ND	4	ND	14	ND	ND	33
80+00 67+50N	.7	1.74	13	ND	71	ND	.22	.4	9	26	21	2.02	.08	.47	199	1	.06	25	.07	8	ND	ND	3	6	20	ND	ND	88
80+00 68+00N	.4	1.23	12	ND	52	ND	.24	.3	8	22	17	1.64	.08	.41	164	1	.06	18	.03	6	ND	ND	5	4	19	ND	ND	46
80+00 68+50N	.5	1.63	13	ND	73	ND	.23	.3	8	21	14	1.74	.08	.27	249	1	.05	22	.08	9	ND	ND	4	4	19	ND	ND	96
80+00 69+00N	.4	1.82	13	ND	91	ND	.25	.5	9	24	27	2.08	.08	.48	255	1	.05	25	.13	8	ND	ND	4	4	19	ND	ND	125
80+00 69+50N	.6	1.76	15	ND	70	ND	.43	.3	7	24	15	1.89	.10	.37	178	1	.07	19	.02	10	ND	ND	3	3	24	5	3	64
80+00 70+00N	.8	1.45	12	ND	84	ND	.67	.6	8	19	40	1.69	.11	.34	671	2	.10	22	.02	9	ND	ND	4	3	28	7	ND	92
80+00 70+50N	1.1	1.21	16	ND	46	ND	.63	.5	5	17	40	1.42	.10	.23	562	2	.08	12	.03	9	ND	ND	4	1	25	6	ND	41
80+00 71+00N	.8	1.70	9	ND	56	ND	.54	1.1	8	27	78	1.68	.11	.37	666	2	.13	24	.02	9	ND	ND	4	3	26	6	ND	62
80+00 71+50N	.4	1.44	144	ND	70	3	.30	1.1	8	17	16	1.73	.06	.35	299	1	.03	17	.07	10	ND	ND	4	3	16	ND	ND	164
80+00 72+00N	.5	2.25	14	ND	62	ND	.38	.6	12	24	36	2.32	.10	.46	382	1	.05	25	.16	11	ND	ND	4	5	19	ND	ND	195
80+00 72+50N	.5	1.68	16	ND	83	ND	.29	.2	10	30	32	2.11	.10	.56	242	1	.07	24	.03	11	ND	ND	6	3	24	5	ND	61
80+00 73+00N	.6	1.72	13	ND	83	ND	.27	.3	9	19	17	1.65	.09	.36	376	1	.06	18	.08	11	ND	ND	4	4	20	6	ND	177
80+00 73+50N	.5	1.68	10	ND	103	ND	.18	.3	9	16	15	1.56	.07	.31	458	1	.04	17	.08	10	ND	ND	4	4	17	ND	ND	157
80+00 74+00N	.4	1.60	29	ND	82	ND	.19	.5	8	25	24	1.66	.08	.29	234	1	.06	18	.07	10	ND	ND	4	5	15	4	ND	133
80+00 74+50N	.3	.61	13	ND	44	ND	.09	.2	4	6	2	.91	.05	.09	567	ND	.04	3	.10	10	ND	ND	4	2	10	ND	ND	50
80+00 75+00N	.6	1.67	14	ND	88	ND	.22	.4	10	24	18	1.77	.09	.40	162	1	.07	21	.05	8	ND	ND	5	4	17	6	ND	72
81+00 67+00N	.6	1.53	8	ND	72	3	.51	.8	9	23	21	2.04	.11	.51	203	1	.08	20	.03	9	ND	ND	4	4	31	5	ND	31
81+00 67+50N	.8	1.57	15	ND	80	ND	.69	1.1	9	25	42	1.96	.13	.46	398	2	.09	26	.03	11	ND	ND	4	4	42	9	ND	72
81+00 68+00N	.6	1.47	15	ND	114	3	.54	1.1	14	36	21	2.25	.12	.69	1903	3	.09	31	.02	8	ND	ND	4	3	28	4	ND	58
81+00 68+50N	.1	1.27	9	ND	62	ND	.26	.5	8	23	24	1.76	.05	.45	209	1	.04	27	.34	5	ND	ND	4	3	21	ND	ND	49
81+00 69+00N	.2	1.48	11	ND	51	ND	.20	.1	6	19	11	1.57	.05	.31	170	1	.04	16	.04	5	ND	ND	ND	2	14	ND	ND	72
81+00 69+50N	.2	1.72	9	ND	68	ND	.25	.2	8	21	14	1.81	.07	.39	188	1	.04	20	.34	5	ND	ND	3	4	19	ND	ND	75
81+00 70+00N	.4	1.31	9	ND	51	ND	.37	.4	9	27	27	1.97	.09	.47	326	2	.06	22	.02	7	ND	ND	4	2	27	ND	ND	56
81+00 70+50N	.1	1.76	8	ND	74	ND	.31	.2	10	28	35	2.15	.04	.55	217	1	.02	24	.03	5	ND	ND	ND	3	28	ND	ND	47
81+00 71+00N	.1	2.01	11	ND	92	ND	.28	.4	11	26	37	2.39	.04	.61	252	1	.03	31	.09	3	ND	ND	ND	5	22	ND	ND	73
81+00 71+50N	.2	2.04	12	ND	58	ND	.22	.3	12	25	36	2.32	.06	.56	230	1	.03	30	.07	5	ND	ND	ND	4	17	ND	ND	131
81+00 72+00N	.1	.95	10	ND	48	ND	.17	.4	9	8	30	1.46	.01	.34	565	1	.01	12	.06	5	ND	ND	ND	2	10	ND	ND	118
81+00 72+50N	.1	1.95	15	ND	71	ND	.21	.5	13	25	29	2.31	.05	.45	336	1	.02	24	.22	6	ND	ND	ND	3	25	ND	ND	153
81+00 73+50N	.1	1.80	205	ND	62	ND	.20	.6	10	15	16	1.82	.03	.25	212	1	.02	14	.08	11	ND	ND	ND	2	16	ND	ND	170
81+00 74+00N	.1	1.99	4	ND	73	ND	.23	.6	12	22	38	2.50	.04	.41	786	1	.02	21	.14	6	ND	ND	ND	4	16	ND	ND	191
81+00 74+50N	.1	1.27	13	ND	77	ND	.20	.5	15	19	51	2.13	.03	.39	706	1	.01	15	.15	6	ND	ND	ND	4	25	ND	ND	105
81+00 75+00N	1.2	1.66	56	ND	96	ND	.25	1.1	11	23	84	2.49	.05	.40	635	1	.02	17	.20	24	ND	ND	ND	5	25	ND	ND	180
86+00 72+50N	.1	2.05	13	ND	90	ND	.24	.6	11	22	33	2.14	.04	.44	482	1	.04	26	.15	8	ND	ND	ND	2	18	ND	ND	237
86+00 73+00N	.3	2.76	27	ND	131	ND	.43	1.1	15	20	47	2.88	.08	.42	515	1	.04	26	.23	10	ND	ND	ND	2	25	ND	3	244
86+00 74+00N	.2	1.95	12	ND	79	ND	.25	.1	9	15	18	1.76	.04	.25	230	1	.04	19	.13	8	ND	ND	ND	2	16	ND	ND	149
86+00 74+50N	.1	1.84	17	ND	67	ND	.23	.3	11	21	30	2.11	.05	.40	276	1	.05	24	.11	7	ND	ND	ND	4	19	ND	ND	154
86+00 75+00N	.2	1.70	105	ND	61	ND	.28	.6	11	22	41	2.40	.06	.49	191	1	.02	26	.03	22	ND	ND	ND	2	24	ND	ND	83
87+00 67+00N	.2	1.81	12	ND	100	ND	.21	.4	9	22	26	1.88	.06	.34	233	1	.04	13	.09	6	ND	ND	4	3	16	ND	ND	70

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CO PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	N1 PPM	P I	PS PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZK PPM
87+00W 67+50N	.4	1.53	9	ND	73	ND	.21	.3	8	19	23	1.67	.07	.31	434	1	.04	16	.10	5	ND	ND	ND	1	18	ND	ND	82
87+00W 68+00N	.1	1.68	10	ND	91	ND	.22	.4	7	11	40	2.07	.08	.54	182	1	.03	13	.04	4	ND	ND	ND	ND	16	ND	ND	40
87+00W 69+00N	.3	1.75	9	ND	87	ND	.16	.6	8	17	25	2.04	.05	.24	397	1	.04	14	.22	7	ND	ND	ND	1	18	ND	ND	169
87+00W 70+00N	.4	1.83	10	ND	70	ND	.21	.6	8	23	17	1.82	.07	.39	246	1	.06	23	.09	4	ND	ND	ND	1	20	ND	ND	145
87+00W 70+50N	.3	1.72	9	ND	55	3	.23	.4	10	29	49	2.06	.08	.56	216	1	.05	25	.05	4	ND	ND	ND	1	22	ND	ND	45
87+00W 71+00N	.4	2.09	8	ND	83	ND	.26	.6	11	26	37	2.08	.08	.45	209	1	.05	27	.08	5	ND	ND	ND	2	17	ND	ND	117
87+00W 71+50N	.5	2.06	8	ND	75	3	.24	.5	11	21	33	2.10	.08	.44	256	1	.05	28	.13	7	ND	ND	ND	ND	20	ND	ND	136
87+00W 72+00N	.6	2.09	11	ND	68	ND	.25	.5	10	19	22	1.88	.09	.35	244	1	.05	24	.08	6	ND	ND	ND	ND	15	ND	ND	121
87+00W 72+50N	.5	1.69	13	ND	68	ND	.23	.5	9	21	25	1.72	.08	.37	321	ND	.05	23	.13	16	ND	ND	16	ND	23	ND	ND	87
87+00W 73+00N	.4	1.53	10	ND	96	ND	.20	.2	7	19	15	1.55	.07	.31	282	1	.05	17	.11	5	ND	ND	ND	1	16	ND	ND	76
87+00W 73+50N	.5	1.75	11	ND	83	ND	.23	.3	10	19	32	1.88	.08	.35	184	1	.05	27	.06	5	ND	ND	ND	1	19	ND	ND	108
87+00W 74+00N	.3	1.28	16	ND	146	ND	.29	.3	7	10	15	1.51	.06	.19	959	ND	.04	15	.11	7	ND	ND	ND	1	20	ND	ND	120
87+00W 75+00N	.6	1.78	13	ND	84	ND	.24	.4	10	25	39	2.14	.08	.48	481	1	.06	24	.07	6	ND	ND	ND	2	20	ND	ND	79
88+00W 67+00N	.6	1.53	10	ND	103	3	.21	.6	7	20	15	1.65	.08	.42	512	1	.06	16	.07	6	ND	ND	ND	1	20	ND	ND	95
88+00W 67+50N	.5	1.64	9	ND	108	ND	.26	.2	6	19	15	1.50	.08	.34	367	ND	.06	17	.12	9	ND	ND	ND	ND	20	ND	ND	121
88+00W 68+00N	.8	1.91	98	ND	85	ND	.21	.6	8	21	17	1.90	.10	.33	287	1	.07	20	.11	9	ND	ND	ND	2	21	3	ND	163
88+00W 68+50N	.6	2.06	11	ND	84	ND	.28	.6	14	31	41	2.75	.11	.57	451	1	.08	30	.12	9	ND	ND	3	3	21	ND	ND	222
88+00W 69+00N	.8	3.07	6	ND	80	7	.24	.8	21	227	101	3.56	.12	1.71	403	1	.04	120	.10	9	ND	ND	ND	7	21	ND	7	102
88+00W 69+50N	.6	1.91	10	ND	85	ND	.23	.6	13	24	98	2.26	.09	.43	283	1	.06	27	.09	5	ND	ND	ND	4	20	ND	ND	273
88+00W 70+00N	.8	2.20	10	ND	92	3	.51	1.1	13	38	47	2.76	.14	.56	252	1	.09	29	.04	8	ND	ND	ND	5	39	ND	ND	87
88+00W 70+50N	.8	1.24	56	ND	54	3	.16	.5	7	18	21	1.57	.10	.25	136	2	.08	21	.02	8	ND	ND	ND	ND	12	6	ND	53
88+00W 71+00N	.8	2.22	12	ND	82	ND	.29	.5	13	28	47	2.58	.13	.57	239	1	.07	37	.08	9	ND	ND	3	2	25	7	ND	105
88+00W 71+50N	1.1	2.13	14	ND	81	4	.18	.6	10	20	15	1.88	.11	.34	379	1	.07	24	.18	12	ND	ND	ND	4	13	5	ND	139
88+00W 72+00N	.8	2.00	12	ND	103	ND	.23	.6	11	26	28	2.05	.12	.41	443	1	.08	26	.12	9	ND	ND	3	3	18	7	ND	98
88+00W 72+50N	.6	1.88	11	ND	98	3	.23	.5	11	26	28	2.04	.11	.46	341	1	.07	28	.08	7	ND	ND	ND	1	19	ND	ND	85
88+00W 73+00N	.8	1.77	15	ND	77	ND	.21	.5	14	19	36	2.06	.10	.25	329	1	.06	27	.07	8	ND	ND	ND	2	18	ND	ND	85
88+00W 73+50N	.8	1.52	14	ND	70	ND	.19	.2	8	21	15	1.73	.10	.33	412	1	.07	24	.12	9	ND	ND	3	ND	13	6	ND	79
88+00W 74+00N	.8	2.14	18	ND	73	ND	.23	.6	11	23	26	2.33	.11	.34	385	1	.07	25	.19	14	ND	ND	ND	1	19	6	ND	111
88+00W 74+50N	.8	2.06	15	ND	67	3	.20	.5	10	27	24	2.25	.12	.42	174	1	.07	28	.11	9	ND	ND	3	2	15	7	ND	76
88+00W 75+00N	1.2	2.16	14	ND	88	ND	.85	.8	9	35	73	2.05	.12	.35	196	ND	.10	23	.04	6	ND	ND	ND	1	52	ND	ND	46
89+00W 67+00N	.5	1.50	11	ND	71	ND	.13	.3	6	15	12	1.54	.06	.23	289	ND	.05	13	.12	7	ND	ND	ND	1	13	ND	ND	98
89+00W 67+50N	.6	2.34	6	ND	92	3	.26	.4	11	30	37	2.25	.10	.56	265	ND	.07	19	.08	5	ND	ND	ND	2	28	ND	ND	195
89+00W 68+00N	.8	2.43	9	ND	93	3	.18	.4	11	25	18	2.50	.10	.35	249	1	.07	21	.17	9	ND	ND	ND	ND	17	ND	ND	119
89+00W 68+50N	.8	2.34	11	ND	63	3	.57	.8	14	37	53	3.05	.14	.58	252	1	.09	22	.02	11	ND	ND	ND	1	25	ND	ND	62
89+00W 69+00N	.6	1.97	10	ND	80	ND	.21	.5	14	32	94	2.79	.12	.54	210	1	.06	23	.06	9	ND	ND	3	1	27	ND	ND	54
89+00W 69+50N	.4	2.35	13	ND	79	ND	.41	.6	13	31	42	3.26	.12	.55	190	1	.06	26	.02	9	ND	ND	ND	2	26	ND	ND	25
89+00W 70+00N	.6	1.88	10	ND	60	3	.27	.6	9	26	20	1.77	.10	.42	301	1	.07	24	.13	6	ND	ND	ND	1	23	ND	ND	79
89+00W 70+50N	.6	2.31	10	ND	101	ND	.31	.8	11	25	20	2.51	.10	.44	272	1	.05	26	.15	13	ND	ND	ND	1	18	ND	ND	93
89+00W 71+00N	8.1	1.88	24	ND	61	ND	.23	2.9	9	26	59	1.99	.09	.40	190	1	.05	24	.05	9	ND	ND	ND	ND	18	ND	ND	77

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
STD74+AL	10.6	2.97	35	9	40	8	1.39	10.5	33	52	160	2.99	.35	.59	610	37	.60	686	.09	66	9	ND	24	20	25	27	3	87
89+00W 71+50N	.3	2.37	13	ND	68	3	.14	.3	11	19	15	2.03	.07	.25	347	1	.03	16	.23	9	ND	ND	ND	1	12	ND	ND	109
89+00W 72+00N	.2	1.89	11	ND	96	ND	.14	.4	9	18	16	1.97	.05	.30	371	1	.03	17	.19	8	ND	ND	ND	ND	12	ND	ND	103
89+00W 72+50N	.3	1.09	13	ND	136	ND	.22	.8	7	18	25	1.37	.06	.26	1119	1	.03	13	.11	3	ND	ND	ND	ND	21	ND	ND	79
89+00W 73+00N	.2	1.31	17	ND	87	3	.15	.1	7	16	13	1.50	.05	.25	448	1	.03	14	.16	7	ND	ND	ND	ND	14	ND	ND	68
89+00W 73+50N	.1	1.96	12	ND	67	4	.21	.3	11	25	25	2.28	.07	.42	188	ND	.03	27	.13	6	ND	ND	ND	ND	16	ND	ND	94
89+00W 74+00N	.2	1.96	13	ND	95	ND	.18	.4	12	25	35	2.67	.08	.55	318	1	.03	23	.15	6	ND	ND	ND	ND	13	ND	ND	119
89+00W 74+50N	.2	1.38	13	ND	48	4	.13	.4	8	17	14	1.90	.07	.27	160	1	.03	15	.08	7	ND	ND	3	ND	9	ND	ND	87
89+00W 75+00N	.1	1.96	11	ND	69	3	.38	.2	11	26	24	2.18	.07	.40	149	1	.04	21	.01	6	ND	ND	ND	ND	26	ND	ND	49
90+00W 67+00N	.1	.80	11	ND	67	ND	.13	.3	5	10	9	1.04	.03	.16	419	ND	.02	6	.08	6	ND	ND	ND	ND	11	ND	ND	104
90+00W 67+50N	.3	2.08	12	ND	102	ND	.29	.3	11	28	43	2.19	.08	.52	248	1	.04	26	.08	6	ND	ND	ND	ND	28	ND	ND	77
90+00W 68+00N	.1	1.27	13	ND	55	ND	.12	.1	6	14	9	1.25	.04	.19	171	ND	.03	10	.05	6	ND	ND	ND	ND	11	ND	ND	49
90+00W 68+50N	.5	2.23	10	ND	94	ND	.33	.8	16	23	24	2.77	.10	.44	501	1	.04	20	.25	10	ND	ND	3	1	24	ND	ND	152
90+00W 69+00N	.5	1.62	18	ND	58	ND	.78	.3	20	31	105	2.98	.14	.52	262	1	.08	26	.04	7	ND	ND	ND	ND	47	3	ND	41
90+00W 69+50N	.5	1.99	16	ND	63	3	.32	.4	16	20	36	2.85	.09	.30	213	1	.03	12	.20	12	ND	ND	ND	2	25	ND	ND	97
90+00W 70+00N	.2	1.20	10	ND	65	ND	.30	.3	8	21	16	1.56	.07	.38	342	1	.05	17	.02	5	ND	ND	ND	ND	23	ND	ND	54
90+00W 70+50N	3.0	1.85	12	ND	59	ND	.22	.4	10	22	19	1.99	.09	.38	189	1	.05	23	.08	7	ND	ND	3	2	19	ND	ND	90
90+00W 71+00N	.3	2.04	11	ND	81	ND	.18	.1	10	23	21	1.96	.08	.33	234	1	.04	23	.07	7	ND	ND	ND	ND	14	ND	ND	94
90+00W 71+50N	.5	1.63	13	ND	75	ND	.18	.2	8	21	22	1.84	.09	.35	194	1	.05	21	.10	7	ND	ND	3	ND	14	ND	ND	74
90+00W 72+00N	.3	1.46	12	ND	84	ND	.18	.2	9	23	22	1.74	.08	.42	243	ND	.05	26	.09	5	ND	ND	3	1	17	ND	ND	56
90+00W 72+50N	.5	1.69	13	ND	70	ND	.21	.2	9	26	16	1.91	.09	.42	239	1	.06	26	.09	7	ND	ND	3	ND	16	ND	ND	67
90+00W 73+00N	.5	1.89	11	ND	89	ND	.15	.4	11	26	24	2.15	.08	.40	197	1	.04	33	.08	7	ND	ND	ND	2	11	ND	ND	84
90+00W 73+50N	.4	1.45	14	ND	71	4	.22	.2	10	25	26	1.90	.08	.44	161	1	.06	24	.02	6	ND	ND	3	2	23	ND	ND	38
90+00W 74+00N	.4	1.66	15	ND	64	ND	.17	.3	10	25	34	2.05	.08	.49	197	1	.04	25	.11	6	ND	ND	3	2	13	ND	ND	67
90+00W 74+50N	.5	2.27	11	ND	85	ND	.17	.6	11	25	23	2.45	.08	.40	191	1	.05	25	.18	7	ND	ND	3	3	16	ND	ND	98
90+00W 75+00N	.3	1.43	10	ND	85	ND	.15	.2	8	21	24	1.81	.07	.38	223	1	.05	21	.09	6	ND	ND	ND	1	14	ND	ND	66



VANGEOCHEM LAB LIMITED

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

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

RECEIVED
JUL 30 1985

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

CLIENT: E & B EXPLORATION INC.
ADDRESS: #1440, 800 West Pender Street
: Vancouver B.C.
: V6C 2V6

DATE: July 19 1985
REPORT#: 85-39-032
JOB#: 85178

PROJECT#: CHRISTMAS CLAIM
SAMPLES ARRIVED: July 12 1985
REPORT COMPLETED: July 19 1985
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 8722
TOTAL SAMPLES: 21
SAMPLE TYPE: 21 Rocks
REJECTS: SAVED

SAMPLES FROM: MR. MARK TINDALL
COPY SENT TO: Vancouver Office

PREPARED FOR: MR. LEN SALAKEN & MR. MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: _____

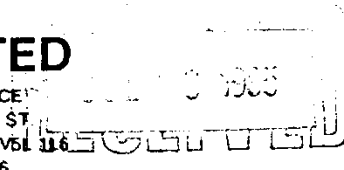
GENERAL REMARK: Au analyses by fire assay AAS finish. P.O. #4432



VANGEOCHEM LAB LIMITED

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

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V6L 1L6
(604) 251-5656



REPORT NUMBER: 85-39-032

JOB NUMBER: 85178

E & B EXPLORATION INC.

PAGE 1 OF 1

SAMPLE #	Au
KR 035	10
KR 036	5
KR 037	5
KR 038	nd
KR 039	10
KR 040	10
KR 041	nd
KR 042	5
KR 043	10
KR 044	nd
KR 045	nd
MR 022	50
MR 023	nd
MR 024	10
MR 025	5
MR 026	nd
MR 027	nd
MR 028	10
MR 029	nd
MR 030	nd
MR 031	35

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: E&B EXPLORATIONS
 ATTENTION: MR. SALEKEN & MR. TINDALL
 PROJECT: CHRISTMAS CLAIMS P.O.#4432

REPORT#: 85-39-032
 JOB#: 85178
 INVOICE#: 8522

DATE RECEIVED: 85/07/12
 DATE COMPLETED: 85/07/17
 COPY SENT TO: MR. SALEKEN & MR. TINDALL ANALYST *W. Reeves*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
STD74+	12.1	.94	37	10	26	11	1.59	10.8	14	87	170	3.45	.17	.67	690	23	.10	730	.09	43	9	3	19	1	26	27	ND	94
KR 035	1.1	1.79	ND	ND	24	4	1.29	1.1	14	17	72	2.70	.11	1.06	352	ND	.14	81	.09	13	ND	ND	ND	9	63	ND	3	165
KR 036	1.2	2.08	ND	ND	17	5	2.21	.5	21	11	40	3.92	.14	.95	649	ND	.09	9	.08	11	ND	ND	ND	12	26	ND	4	134
KR 037	.6	2.58	ND	ND	16	6	1.65	.5	19	108	118	3.59	.12	1.65	534	ND	.04	79	.11	6	ND	ND	ND	6	25	ND	6	52
KR 038	1.5	1.45	8	ND	14	4	1.51	.4	14	30	61	3.14	.12	.53	911	ND	.09	6	.08	11	ND	ND	ND	10	28	ND	4	34
KR 039	1.2	2.34	ND	ND	8	8	2.28	.3	21	47	52	4.46	.14	1.48	794	1	.06	21	.09	6	ND	ND	ND	14	47	ND	7	45
KR 040	.6	1.85	ND	ND	24	3	1.83	.3	11	35	85	2.73	.12	1.00	344	ND	.10	7	.14	4	ND	ND	ND	4	52	ND	ND	28
KR 041	1.1	2.50	ND	ND	41	9	2.85	.6	16	44	80	3.18	.14	1.75	643	ND	.08	8	.12	4	ND	ND	ND	10	76	ND	11	46
KR 042	.8	1.59	ND	ND	4	3	4.22	.1	20	21	75	3.81	.14	.79	783	4	.05	13	.06	3	ND	ND	ND	6	63	ND	5	22
KR 043	.6	2.13	6	ND	16	4	1.00	.5	22	88	71	3.45	.10	1.67	625	ND	.03	49	.08	4	ND	ND	ND	6	22	ND	5	39
KR 044	.8	2.17	ND	ND	4	6	1.47	.2	17	36	87	4.01	.12	.98	477	ND	.04	11	.08	6	ND	ND	ND	5	14	ND	4	24
KR 045	.8	2.44	ND	ND	4	3	1.94	.1	19	50	41	3.27	.12	1.01	441	6	.04	175	.07	5	ND	ND	ND	4	11	ND	5	30
MR 022	.6	2.68	3	ND	20	8	2.24	.3	21	175	127	3.54	.12	2.18	691	1	.01	50	.08	4	ND	ND	ND	4	26	ND	5	69
MR 023	.6	2.60	ND	ND	29	3	1.81	.4	14	41	43	2.90	.12	.99	393	ND	.16	14	.11	4	ND	ND	ND	7	104	ND	3	35
MR 024	.6	2.55	ND	ND	9	ND	1.75	.1	4	51	41	2.61	.11	.85	526	ND	.07	2	.08	2	ND	ND	ND	4	13	ND	ND	9
MR 025	.6	1.09	ND	ND	16	ND	1.12	.1	11	30	67	2.55	.09	.38	163	ND	.07	15	.08	3	ND	ND	ND	3	27	ND	ND	20
MR 026	1.1	1.59	ND	ND	83	6	1.73	.8	11	41	40	2.55	.12	1.42	682	ND	.10	14	.08	26	ND	ND	ND	5	54	ND	4	110
MR 027	.8	2.68	ND	ND	12	4	2.81	.3	13	25	48	3.75	.13	1.63	940	ND	.04	9	.09	17	ND	ND	ND	8	26	ND	4	42
MR 028	1.1	2.87	ND	ND	23	5	3.24	.2	17	30	95	3.90	.14	1.75	1216	ND	.06	10	.11	40	ND	ND	ND	8	36	ND	5	81
MR 029	.6	2.76	ND	ND	26	ND	1.55	.1	21	22	161	3.57	.12	2.08	680	ND	.11	13	.17	5	ND	ND	ND	2	34	ND	ND	67
MR 030	1.1	3.40	ND	ND	18	4	2.49	1.1	17	39	67	4.07	.14	1.51	645	1	.07	162	.12	8	ND	ND	ND	5	28	ND	7	126
MR 031	1.1	1.08	3	ND	4	ND	1.88	1.3	14	22	309	6.31	.18	.25	191	4	.07	19	.12	25	ND	ND	8	2	8	6	ND	228

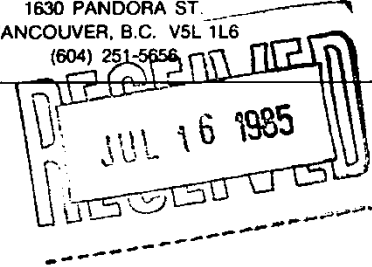


VANGEOCHEM LAB LIMITED

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

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

OFFICE FILE
1500A/15
- Sample Samples



GEOCHEMICAL ANALYTICAL REPORT

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: July 15 1985

REPORT#: 85-39-027
JOB#: 85162

PROJECT#: 5067 - *CHRISTMAS*
SAMPLES ARRIVED: July 9 1985
REPORT COMPLETED: July 15 1985
ANALYSED FOR: ICP Au(FA/AAS)

INVOICE#: 8710
TOTAL SAMPLES: 8
SAMPLE TYPE: 8 Rock
REJECTS: SAVED

SAMPLES FROM: MASCOT GOLD MINES LTD.
COPY SENT TO: Van Office & Eagle Creek

PREPARED FOR: MR. LEN SALAKEN & MR. MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: P.O. #4409



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER:

JOB NUMBER: 85162

MASCOT GOLD MINES LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

MR 016

nd

MR 017

50

MR 018

nd

MR 019

5

MR 020

nd

MR 021

nd

KR 033

10

KR 034

5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

JUL 16 1985

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O2 AT 55 DEG. C FOR 90 MINUTES AND IS DILUTED TO 50 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, V, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, NA= NOT ANALYZED

COMPANY: MASEOT GOLD MINES
 ATTENTION: MR. SALEKEN & MR. TINDALL
 PROJECT: 5267 P.O.# 4409

REPORT#: 85-39-028
 JOB#: 85162
 INVOICE#: 8710

DATE RECEIVED: 85/07/09
 DATE COMPLETED: 85/07/15
 COPY SENT TO: MR. SALEKEN & MR. TINDALL ANALYST *W. Remus*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
MR-016	1.1	1.35	7	ND	13	ND	1.06	.5	13	51	114	4.01	.11	.54	288	2	.07	5	.08	7	ND	ND	4	3	11	ND	ND	14
MR-017	.6	2.45	ND	ND	19	ND	1.94	.4	10	36	72	2.58	.12	.89	390	1	.28	ND	.13	4	ND	ND	ND	1	25	ND	ND	29
MR-018	.8	2.02	3	ND	29	3	1.28	.8	6	29	97	3.28	.12	.93	444	2	.08	ND	.14	4	ND	ND	ND	1	44	ND	ND	23
MR-019	1.2	2.21	4	ND	48	5	1.12	.6	16	90	76	3.47	.12	.92	400	1	.15	18	.08	6	ND	ND	ND	6	82	ND	3	34
MR-020	1.2	2.29	ND	ND	22	3	1.91	.5	14	45	99	3.33	.13	.95	460	1	.09	1	.09	4	ND	ND	ND	5	23	ND	ND	21
MR-021	1.1	2.70	ND	ND	38	ND	2.33	.6	11	53	81	2.89	.13	.83	523	1	.08	3	.09	4	ND	ND	ND	2	25	ND	5	30
KR-033	2.0	.90	10	ND	9	3	.79	.6	17	78	83	3.00	.12	.43	254	2	.11	20	.07	13	ND	ND	5	8	10	ND	ND	60
KR-034	1.5	1.28	ND	ND	19	3	1.17	.6	18	34	342	3.07	.12	.46	394	1	.10	9	.07	6	ND	ND	ND	6	30	ND	ND	27



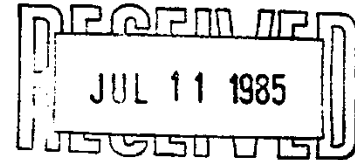
VANGEOCHEM LAB LIMITED

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

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

CHRISTMAS
- ASSAYS
- SURFACE
SAMPLING

LWS ✓
PM ✓



ASSAY ANALYTICAL REPORT

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 W. Pender St.
: Vancouver B.C.
: V6C 2V6

DATE: July 10 1985

REPORT#: 85-39-021
JOB#: 85139

PROJECT#: *CHRISTMAS* 5067
SAMPLES ARRIVED: July 4 1985
REPORT COMPLETED: July 10 1985
ANALYSED FOR: Au & ICP

INVOICE#: 8687
TOTAL SAMPLES: 10
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 10R & PAN CONC

SAMPLES FROM: MASCOT GOLD MINES LTD.
COPY SENT TO: MARK TINDAL EAGLE CREEK BC

PREPARED FOR: MR. LEN SALAKEN

ANALYSED BY: David Chiu

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: None



VANGEOCHEM LAB LIMITED 11 1985

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

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

REPORT NUMBER: 85-39-021

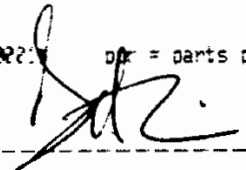
JOB NUMBER: 85139

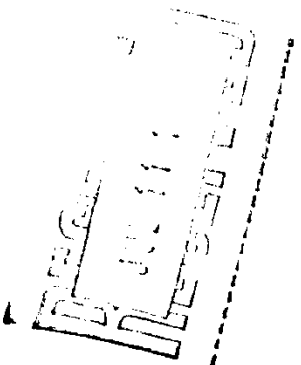
WASCOT GOLD MINES LTD.

PAGE 1 OF 1

SAMPLE #	ASL
	DDC
KR 031	<5
KR 032	<5
MR 011	240
MR 012	<5
MR 013	70
MR 014	<5
MR 015	5
PC 005	<5
PC 006	5
PC 007	5

DETECTION LIMIT 5
1 Troy oz/short ton = 34.28 ppm ; ppm = 0.0001% ppm = parts per million (= less than

Signed: 



VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 980-5211 TCLEX: 04-352576
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V6L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO 420 AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEAD IS PARTIAL FOR SN, MN, FE, CA, P, CR, MG, BF, PD, AL, NA, K, W, PT AND SR. AL AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, - = NOT ANALYZED

COMPANY: MASCOIT GOLD MINES
 ATTENTION: MR. SALEKEN & MR. TINDALL
 PROJECT: 5067 PO# 4390

REPORT#: 85-39-021
 JOB#: 85139
 INVOICE#: 8687

DATE RECEIVED: 85/07/04
 DATE COMPLETED: 85/07/07
 COPY SENT TO: MR. SALEKEN & MR. TINDALL ANALYST *W. Reeves*
 PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CB PPM	CD PPM	CR PPM	CU PPM	FE %	K %	MS %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
KR 031	1.1	2.30	7	ND	38	4	1.55	.1	28	38	126	4.96	.13	1.20	468	1	.13	29	.08	17	ND	ND	4	12	47	ND	3	33
KR 032	1.1	3.04	ND	ND	7	7	3.44	.4	24	32	96	5.51	.17	1.40	814	2	.09	15	.09	12	ND	ND	4	8	39	5	ND	37
NR 011	1.1	1.59	ND	ND	13	ND	1.48	.1	20	37	329	6.32	.15	.43	449	1	.13	6	.08	25	ND	ND	5	5	27	4	ND	19
NR 012	.6	2.14	ND	ND	43	ND	.87	.4	16	25	141	3.37	.11	1.53	470	ND	.08	14	.13	7	ND	ND	ND	3	40	ND	6	29
NR 013	1.6	2.46	ND	ND	10	ND	1.02	.1	31	51	1126	9.46	.15	1.47	401	10	.06	17	.11	13	ND	ND	7	6	20	ND	7	36
NR 014	1.1	1.85	7	ND	47	7	1.20	.1	25	54	193	4.88	.13	.70	362	1	.13	12	.09	14	ND	ND	6	11	20	ND	ND	15
NR 015	.8	1.82	10	ND	49	5	.94	.4	22	74	245	4.18	.11	1.10	303	2	.08	30	.08	10	ND	ND	6	5	27	ND	ND	18
PC 005	1.1	2.80	4	ND	152	8	1.61	.4	13	136	37	3.12	.15	1.33	755	ND	.18	20	.08	12	ND	ND	ND	9	70	ND	ND	55
PC 006	1.2	3.12	5	ND	157	6	1.74	.6	15	95	40	3.40	.16	1.55	857	ND	.17	30	.09	12	ND	ND	3	9	84	ND	6	55
PC 007	.8	2.87	5	ND	137	7	1.57	.6	14	116	37	3.29	.14	1.43	946	ND	.16	32	.08	12	ND	ND	ND	8	61	ND	3	54



VANGEOCHEM LAB LIMITED

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

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

CHRISTMAS
- Assays
- Surface Samples



RECEIVED
JUL 02 1985

----- GEOCHEMICAL ANALYTICAL REPORT -----

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: 1440 - 800 West Pender Street
: Vancouver B.C.
: V6C 2V6

DATE: June 28 1985

REPORT#: 85-39-017
JOB#: 85114

PROJECT#: CHRISTMAS CLAIM #5067
SAMPLES ARRIVED: June 25 1985
REPORT COMPLETED: June 28 1985
ANALYSED FOR: ICP Au (FA/AAS)

INVOICE#: 8665
TOTAL SAMPLES: 26
SAMPLE TYPE: 26 Rocks
REJECTS: SAVED

SAMPLES FROM: MR. LEN SELAKEN & MR. MARK TINDALL
COPY SENT TO: VANCOUVER OFFICE & EAGLE CREEK

PREPARED FOR: MR. LEN SELAKEN & MR. MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-017

JOB NUMBER: 85114

MASCOT GOLD MINES LTD.

PAGE 1 OF 1

SAMPLE #	Au
	DOB
KR 013	10
KR 014	5
KR 015	nd
KR 016	15
KR 017	5
KR 018	15
KR 019	nd
KR 020	60
KR 021	5
KR 022	100
KR 023	5
KR 024	100
KR 025	5
KR 026	5
KR 027	10
KR 028	110
KR 029	10
KR 030	10
MR 003	nd
MR 004	40
MR 005	30
MR 006	nd
MR 007	5
MR 008	5
MR 009	30
MR 010	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANOCO CHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-350578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V6L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O2 AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SK, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: YASCOOT GOLD MINES
 ATTENTION: MR. LEN SALAKEN
 PROJECT: CHRISTMAS CLAIMS 5067

REPORT#: 85-39-017
 JOB#: 85-114
 INVOICE#: 8665

DATE RECEIVED: 85/06/25
 DATE COMPLETED: 85/06/27
 COPY SENT TO: MR. SALAKEN & PINDALL

ANALYST: W. Remus

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
STD74+	11.1	.94	37	10	26	8	1.59	11.5	14	87	170	3.45	.17	.67	690	24	.10	730	.09	43	8	3	19	ND	26	27	ND	94
KR-13	.4	4.40	4	ND	37	4	6.00	.2	20	92	113	2.92	.13	2.42	689	1	.00	42	.10	7	ND	ND	ND	3	60	3	ND	40
KR-14	.4	2.43	9	ND	62	6	1.40	.5	27	92	94	3.54	.12	3.00	784	ND	.06	63	.13	7	ND	ND	ND	2	64	ND	5	44
KR-15	.6	2.51	7	ND	83	4	1.75	.2	10	52	24	2.60	.13	1.02	556	ND	.23	6	.12	9	ND	ND	ND	3	103	ND	ND	38
KR-16	.8	2.53	3	ND	32	8	1.10	.6	15	77	98	3.24	.10	1.54	465	1	.16	21	.07	8	ND	ND	ND	4	35	ND	3	30
KR-17	.6	2.77	ND	ND	82	ND	1.59	.1	20	55	264	4.46	.13	.60	245	3	.20	15	.06	7	ND	ND	ND	3	66	ND	ND	18
KR-18	.8	2.40	ND	ND	57	3	1.10	.2	10	84	112	4.31	.13	.92	216	1	.19	22	.00	6	ND	ND	ND	5	65	ND	ND	27
KR-19	.8	2.95	ND	ND	65	9	1.40	.4	20	81	115	3.99	.13	1.30	325	1	.23	20	.10	8	ND	ND	ND	5	86	ND	ND	24
KR-20	.8	2.06	ND	ND	29	ND	2.66	.5	20	42	210	3.33	.12	1.30	646	ND	.16	15	.00	4	ND	ND	ND	3	44	ND	ND	43
KR-21	.8	2.33	ND	ND	51	ND	1.00	.1	21	60	448	3.83	.15	.36	171	3	.15	15	.07	4	ND	ND	ND	4	58	ND	ND	16
KR-22	.3	4.57	ND	ND	41	ND	4.60	.6	21	80	23	3.26	.14	2.00	660	ND	.10	32	.12	3	ND	ND	ND	1	57	ND	ND	55
KR-23	.8	2.30	4	ND	43	4	1.31	.2	18	80	100	3.07	.11	1.00	359	2	.20	20	.06	6	ND	ND	ND	3	56	ND	ND	20
KR-24	.5	3.19	ND	ND	58	3	2.54	.4	16	55	22	2.90	.15	1.95	936	ND	.10	35	.13	3	ND	ND	ND	2	129	ND	ND	38
KR-25	.5	2.80	ND	ND	11	3	5.30	.4	7	73	41	2.99	.12	1.30	862	1	.09	10	.06	2	ND	ND	ND	2	52	ND	4	18
KR-26	.1	1.16	5	ND	59	ND	4.30	.4	21	27	57	4.69	.21	1.00	1037	1	.02	22	.09	6	ND	ND	ND	ND	229	ND	ND	57
KR-27	1.2	3.26	ND	ND	55	7	.84	.6	18	52	51	4.51	.13	1.17	501	ND	.12	10	.05	7	ND	ND	ND	4	39	ND	ND	84
KR-28	1.1	3.10	ND	ND	30	7	2.53	.5	29	54	54	4.67	.14	1.40	538	5	.10	23	.10	14	ND	ND	ND	5	28	ND	ND	34
KR-29	.8	3.13	ND	ND	15	7	2.71	.3	20	53	47	4.19	.13	1.34	737	2	.00	22	.10	3	ND	ND	ND	5	42	ND	ND	29
KR-30	.8	3.87	ND	ND	15	5	3.51	.4	26	33	35	4.67	.14	1.87	562	ND	.10	13	.10	3	ND	ND	ND	4	34	ND	ND	50
PR-003	.8	2.65	ND	ND	27	ND	1.64	.4	14	61	52	4.31	.12	1.50	733	1	.10	10	.10	4	ND	ND	ND	3	30	ND	ND	43
PR-004	.6	3.47	5	ND	37	3	2.24	.8	17	42	124	3.91	.14	1.67	541	ND	.00	12	.15	4	ND	ND	ND	1	31	ND	3	30
PR-005	1.1	3.00	ND	ND	43	4	2.10	.5	19	39	287	3.50	.13	1.36	406	1	.10	33	.10	2	ND	ND	ND	3	30	ND	ND	35
PR-006	.8	3.73	ND	ND	20	3	2.97	.4	15	38	117	3.67	.14	.85	337	1	.14	14	.12	6	ND	ND	ND	2	37	ND	ND	27
PR-007	.6	2.19	ND	ND	62	3	1.73	.3	10	34	112	2.44	.12	.72	350	ND	.10	12	.11	2	ND	ND	ND	3	17	ND	ND	13
PR-008	1.1	3.45	ND	ND	51	6	2.39	.4	13	68	98	3.91	.13	1.15	441	ND	.15	226	.06	2	ND	ND	ND	4	66	ND	ND	32
PR-009	.6	4.44	ND	ND	19	ND	4.51	.5	12	60	369	2.28	.12	1.14	424	1	.10	22	.11	ND	ND	ND	ND	1	35	ND	ND	35
KR-010	1.5	3.75	3	ND	29	8	3.15	.6	20	71	471	4.31	.15	1.30	875	ND	.10	157	.09	5	ND	ND	ND	4	60	ND	3	33



VANGEOCHEM LAB LIMITED

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

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

CHRISTMAS
- Assays
- Surface Sampling

BS

RECEIVED
JUL 05 1985
RECEIVED

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

P/O # 4337

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: #1440, 800 West Pender Street
: Vancouver, B.C.
: V6C 2V6

DATE: June 21 1985

REPORT#: 85-39-014
JOB#: 85103

PROJECT#: CHRISTMAS CLAIMS
SAMPLES ARRIVED: June 18 1985
REPORT COMPLETED: June 21 1985

INVOICE#: 8650
TOTAL SAMPLES: 27
SAMPLE TYPE: 14R & 9L & 4P.C

ANALYSED FOR: Au ICP

REJECTS: SAVED

SAMPLES FROM: MARK TINDALL
COPY SENT TO: Vancouver Office & Eagle Creek

PREPARED FOR: LEN SALAKEN & MARK TINDALL

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: Rock samples analyzed by fire assay AAS finish.



VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 85-39-014

JOB NUMBER: 85103

MASCOT GOLD MINES LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
MR 001 (ROCK)	70
MR 002 (ROCK)	45
KR 001 (ROCK)	nd
KR 002 (ROCK)	nd
KR 003 (ROCK)	nd
KR 004 (ROCK)	nd
KR 005 (ROCK)	25
KR 006 (ROCK)	5
KR 007 (ROCK)	5
KR 008 (ROCK)	nd
KR 009 (ROCK)	nd
KR 010 (ROCK)	nd
KR 011 (ROCK)	5
KR 012 (ROCK)	5
MS 001 (SILT)	nd
MS 002 (SILT)	5
MS 003 (SILT)	10
MS 004 (SILT)	10
KS 001 (SILT)	20
KS 002 (SILT)	15
KS 003 (SILT)	5
KS 004 (SILT)	nd
KS 005 (SILT)	5
PC 001 (PAN CONC)	nd
PC 002 (PAN CONC)	10
PC 003 (PAN CONC)	35
PC 004 (PAN CONC)	525

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2G3 PH: (604) 986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V6L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: MASCOT GOLD MINES
 ATTENTION: MR. SALAKEN & TINDALL
 PROJECT: CHRISTMAS CLAIMS PO# 4337

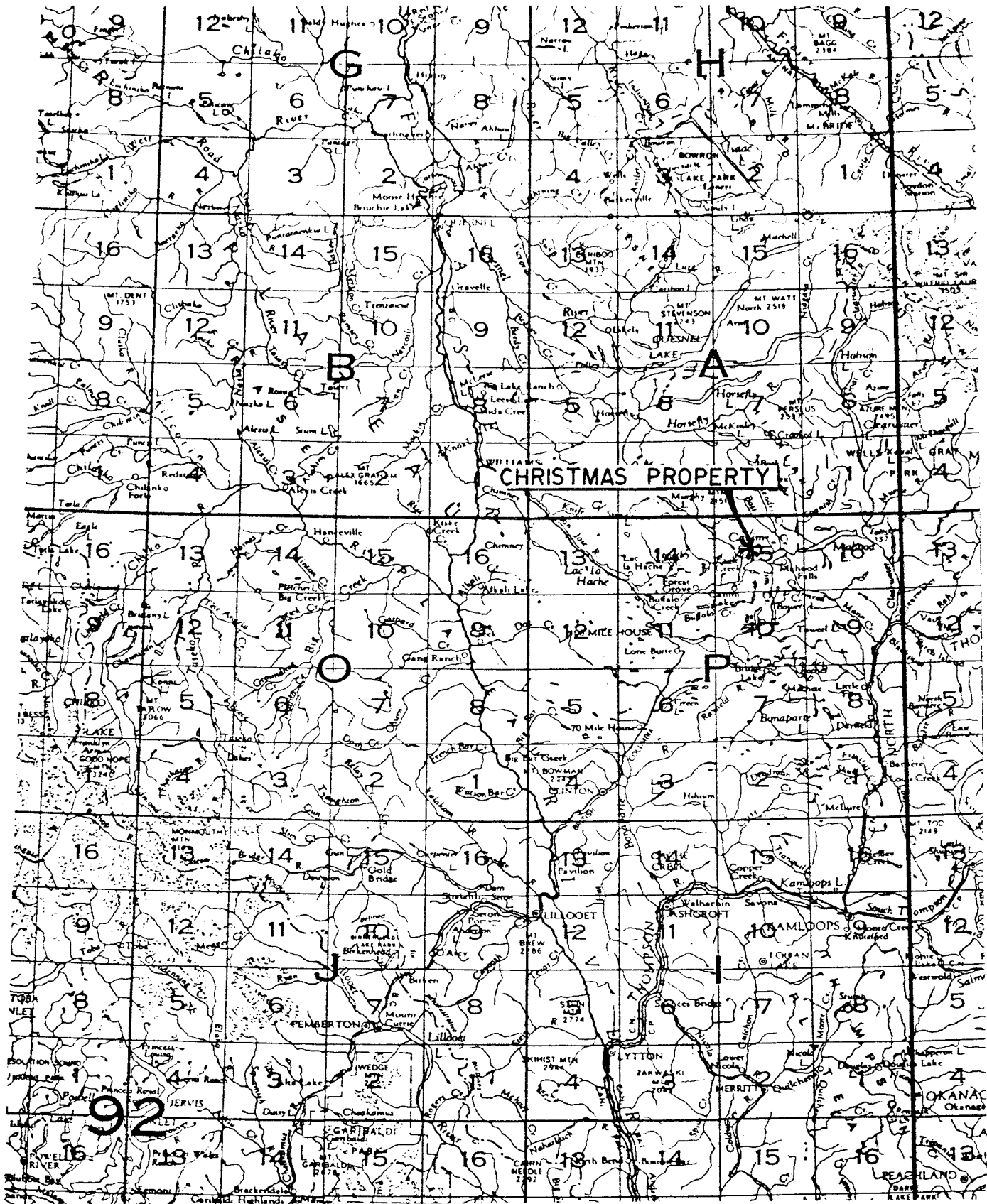
REPORT#: 85-39-014
 JOB#: 85103
 INVOICE#: 8650

DATE RECEIVED: 85/06/18
 DATE COMPLETED: 85/06/21
 COPY SENT TO: MR. SALAKEN AND TINDALL ANALYST *W. Reay*
 PAGE 1 OF 1

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	P	PF	PD	PT	SB	SN	SP	U	W	ZN
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%	%	%	PPM	PPM	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
KR 001 R	.8	2.09	ND	ND	24	3	3.23	.4	16	43	322	3.45	.14	1.40	433	3	.12	14	.11	3	ND	ND	ND	1	61	ND	ND	26
KR 002 R	.3	1.49	ND	ND	3	ND	1.24	.1	20	26	379	6.29	.13	.70	440	1	.10	119	.00	4	ND	ND	ND	ND	20	ND	ND	23
KR 003 R	.8	2.05	3	ND	30	7	1.19	.3	20	120	122	3.95	.11	1.56	439	3	.09	201	.11	11	ND	ND	ND	1	29	ND	5	36
KR 002 R	1.5	1.80	ND	ND	26	4	1.47	.1	31	83	143	3.76	.12	1.08	370	3	.10	56	.11	21	ND	ND	ND	ND	41	ND	4	34
KR 003 R	1.1	2.11	ND	ND	42	7	1.90	.3	26	66	97	3.72	.12	1.26	391	4	.11	256	.10	11	ND	ND	ND	2	36	ND	5	46
KR 004 R	1.1	3.09	ND	ND	30	4	1.67	.6	16	52	65	4.29	.13	1.92	579	1	.06	21	.00	8	ND	ND	ND	ND	43	ND	ND	31
KR 005 R	.4	3.41	ND	ND	22	ND	2.55	.1	11	34	65	3.00	.13	1.33	510	1	.00	142	.16	1	ND	ND	ND	ND	20	5	4	26
KR 006 R	.6	1.23	ND	ND	40	3	.90	.1	5	17	24	2.00	.09	.79	495	1	.10	1	.12	9	ND	ND	ND	ND	26	ND	3	49
KR 007 R	.6	3.51	ND	ND	25	6	2.47	.3	25	89	44	4.53	.15	2.77	697	1	.00	102	.15	3	ND	ND	ND	3	36	ND	7	31
KR 008 R	1.2	2.40	ND	ND	50	6	1.20	.4	20	65	206	3.97	.13	1.31	512	1	.11	24	.07	9	ND	ND	ND	5	29	ND	4	44
KR 009 R	.8	3.77	ND	ND	16	ND	3.65	.1	16	37	73	5.57	.16	.70	267	1	.09	11	.12	12	ND	ND	ND	ND	32	6	ND	35
KR 010 R	.8	2.61	10	ND	23	7	4.12	.4	10	50	79	4.73	.17	1.83	893	1	.09	119	.09	7	ND	ND	ND	ND	84	8	ND	49
KR 011 R	.8	.87	ND	ND	170	4	.19	.1	4	45	ND	1.39	.14	.37	407	1	.22	ND	.04	8	ND	ND	ND	2	8	ND	ND	30
KR 012 R	1.1	2.03	ND	ND	30	3	1.45	.1	20	52	160	3.57	.13	.69	231	1	.13	111	.11	4	ND	ND	ND	ND	39	3	4	16
MS 001 S	.3	1.55	3	ND	63	3	1.01	.1	10	34	13	2.15	.07	.83	346	1	.06	16	.06	3	ND	ND	ND	3	38	ND	ND	52
MS 002 S	.3	1.92	3	ND	86	4	1.39	.1	13	49	37	3.02	.10	1.07	505	1	.00	26	.11	5	ND	ND	ND	1	55	ND	ND	64
MS 003 S	.2	1.02	5	ND	45	ND	.70	.1	9	30	11	2.00	.07	.70	364	ND	.00	20	.07	2	ND	ND	ND	ND	32	ND	ND	34
MS 004 S	.2	2.34	4	ND	105	ND	.79	.3	16	70	15	3.41	.00	1.42	607	ND	.07	36	.07	7	ND	ND	ND	ND	42	ND	ND	74
MS 001 S	.1	1.13	10	ND	203	ND	1.44	.4	9	32	21	2.17	.09	.49	4691	2	.07	20	.09	2	ND	ND	ND	ND	72	ND	ND	33
MS 002 S	.1	1.35	12	ND	193	ND	1.00	.6	14	31	52	2.59	.10	.53	5141	2	.07	22	.10	2	ND	ND	ND	ND	71	ND	ND	42
KS 003 S	.3	1.05	12	ND	140	3	1.00	.4	17	49	36	3.19	.10	.90	1601	ND	.10	32	.09	5	ND	ND	ND	1	51	ND	ND	60
KS 004 S	.1	1.22	30	ND	214	ND	1.49	.4	13	33	27	4.29	.12	.56	5546	ND	.07	21	.13	4	ND	ND	ND	ND	79	ND	ND	63
KS 005 S	.3	1.20	9	ND	70	ND	.60	.3	10	34	23	2.06	.00	.62	590	ND	.00	23	.07	3	ND	ND	ND	ND	35	ND	ND	52
PC 001 C	.4	1.44	7	ND	89	5	.76	.4	9	70	10	2.35	.09	.87	630	ND	.16	29	.04	6	ND	ND	ND	2	40	ND	4	31
PC 002	.5	1.79	7	ND	103	6	.93	.3	12	44	15	2.64	.10	.95	1211	ND	.10	25	.05	5	ND	ND	ND	ND	36	ND	4	40
PC 003	1.2	1.79	10	ND	92	10	1.35	.6	16	124	16	4.13	.17	1.23	803	1	.34	46	.07	12	ND	ND	ND	10	72	3	7	41
PC 004	.6	1.93	6	ND	125	6	1.19	.2	13	79	20	2.97	.12	1.20	672	ND	.20	39	.06	6	ND	ND	ND	4	56	ND	8	40

SECTION E - ILLUSTRATIONS

<u>Map No.</u>	<u>Title</u>	<u>Scale</u>
CL-85-1	Location Plan	
CL-85-2	Claim Map	1:50,000
CL-85-3 a & b	Geology & Rock Geochemistry	1: 5,000
CL-85-4 a & b	Geochemical Soil Survey - Au	1: 5,000
CL-85-5	Geophysical Survey	1: 5,000
CL-85-6	Geophysical Interpretation Map	1: 5,000

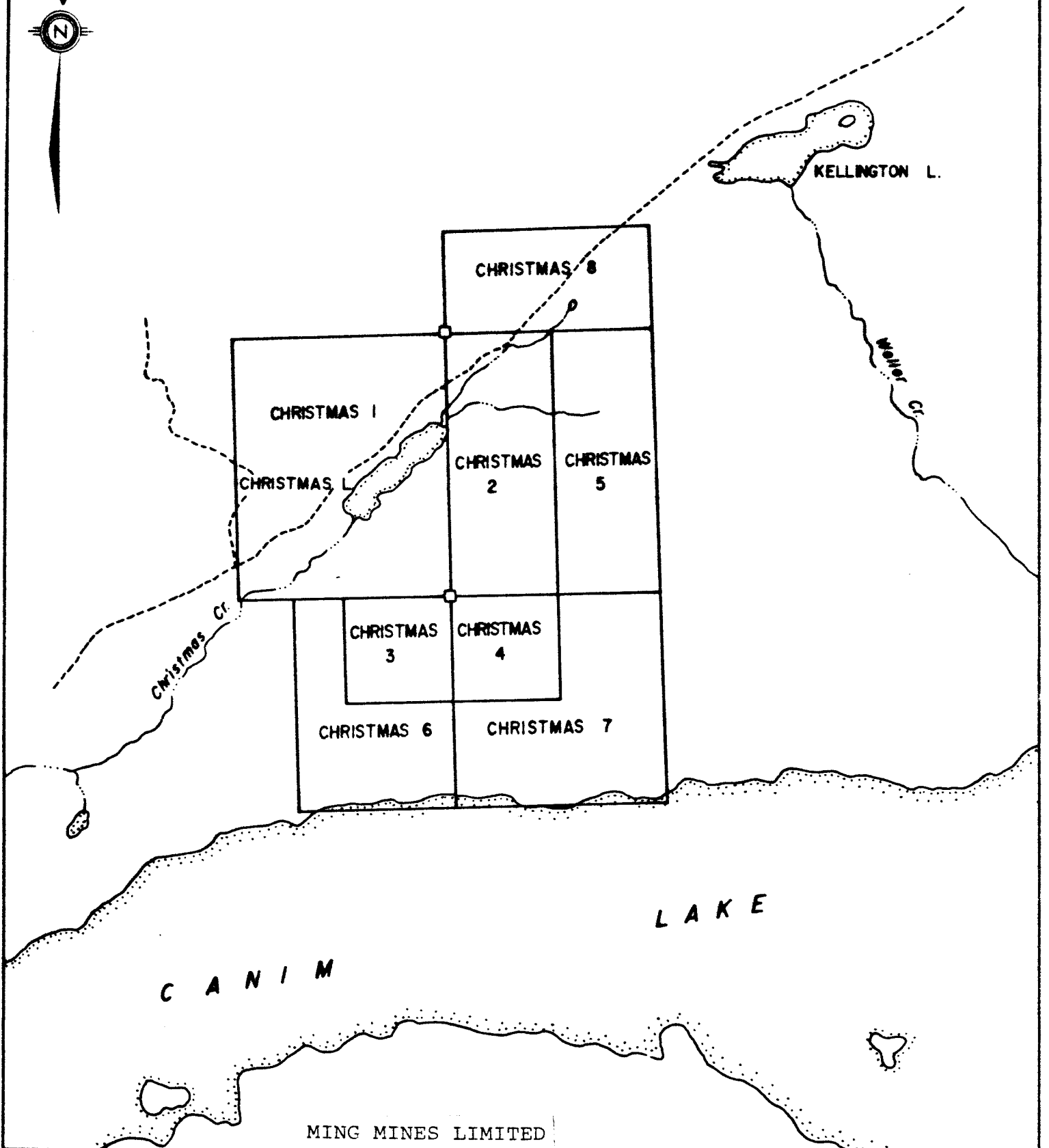


MING MINES LIMITED

**CHRISTMAS PROPERTY
PROPERTY LOCATION**



DATE: Sept. / 1985 SCALE: 1: 2,000,000 DRAWING CL-85-1



MING MINES LIMITED



E & B EXPLORATIONS INC.

CHRISTMAS PROPERTY
CLAIM MAP

DATE

SCALE: 1:50 000

DRAWING No. CL85-2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,452

<p>GEOLOGY</p> <p>□ HORNBLENDE DIORITE Fine to medium grained, generally porphyritic with 1-3 mm euhedral hornblende phenocrysts, occasionally fine grained equigranular</p> <p>□ TUFF Light green, siliceous, aphanitic to very fine grained, dacite-rhyolite in composition</p>	<p>□ PORPHYRYIC BASALT Dark green, porphyritic with 1-5 mm subhedral plagioclase phenocrysts in a medium grained, mafic groundmass</p> <p>□ VOLCANOCLASTIC SEDIMENTS Gray, very fine to fine grained, often finely bedded</p> <p>□ HORNBLENDE BASALT Dark green, generally porphyritic with 1-3 mm hornblende phenocrysts in a fine to medium grained, equigranular, mafic groundmass</p>	<p>SYMBOLS</p> <p>● xs/kccol (90) ▲ wcol (70)</p> <p>Rock Sample, Sample No., Au ppb Outcrop</p>	<p>Strike and dip Contact known, inferred, assumed Trench Fault Reeds (rough)</p>	<p>1 2</p>	<p>MAP SCALE 0 100 200 300 M</p> <p>NTS 92 P/15</p>	<table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>MADE BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>DATE</th> <th>DRAWN BY</th> <th>CHECKED</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>JULY 85</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	No.	Date	MADE BY	DESCRIPTION	1				2				3				4				5				DATE	DRAWN BY	CHECKED	APPROVED	JULY 85				<p>E & B Explorations Inc.</p> <p>OFFICE: _____ DEPARTMENT: _____</p>	<p>CHRISTMAS LAKE PROJECT</p> <p>MING MINES LIMITED GEOLOGY and ROCK GEOCHEMISTRY</p> <p>MAP INDEX NUMBER: _____ SCALE: 1:5,000 DRAWING NUMBER: CL-85-3A</p>
No.	Date	MADE BY	DESCRIPTION																																					
1																																								
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DATE	DRAWN BY	CHECKED	APPROVED																																					
JULY 85																																								



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,452

SYMBOLS ● wsol (s) Stream Silt Sample Location, Au ppb ● pcol (10) Panned Concentrate Sample Location, Au ppb + 5 Grid line, Soil Sample Location, Au ppb T 10 □ Corner claim post Location interpolated NS No sample NO Au not detected		 MAP SCALE N.T.S. 92 P/15	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>MADE BY</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> </table>	NO.	DATE	MADE BY	DESCRIPTION	1				2				3				4				5				 E & B Explorations Inc.	CHRISTMAS LAKE PROJECT MING MINES LIMITED GEOCHEMICAL SOIL SURVEY MAP INDEX NUMBER: _____ SCALE: 1:5,000 DRAWING NUMBER: CL-85-4A
NO.	DATE	MADE BY	DESCRIPTION																										
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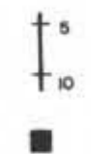


GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,452

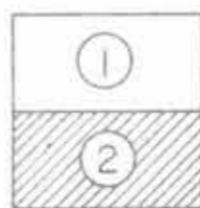
SYMBOLS

- MS001 (5) Stream Silt Sample Location, Au ppb
- PCC01 (10) Panned Concentrate Sample Location, Au ppb



- Grid line; Soil Sample Location, Au ppb
- Corner claim post Location known

- Corner claim post Location interpolated
- NS No sample
- ND Au not detected



REV	DATE	MADE BY	DESCRIPTION
1			
2			
3			
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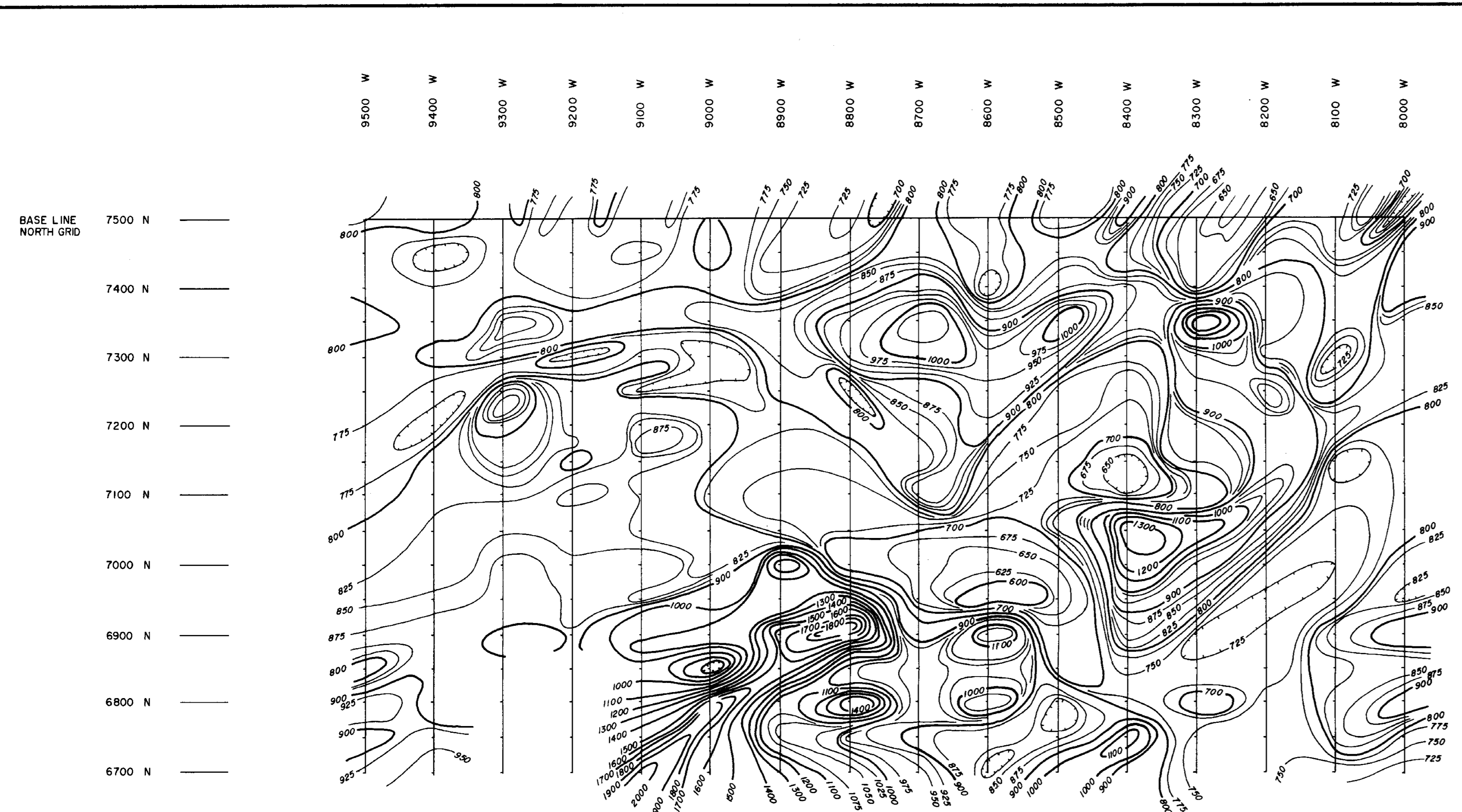


E & B Explorations Inc.

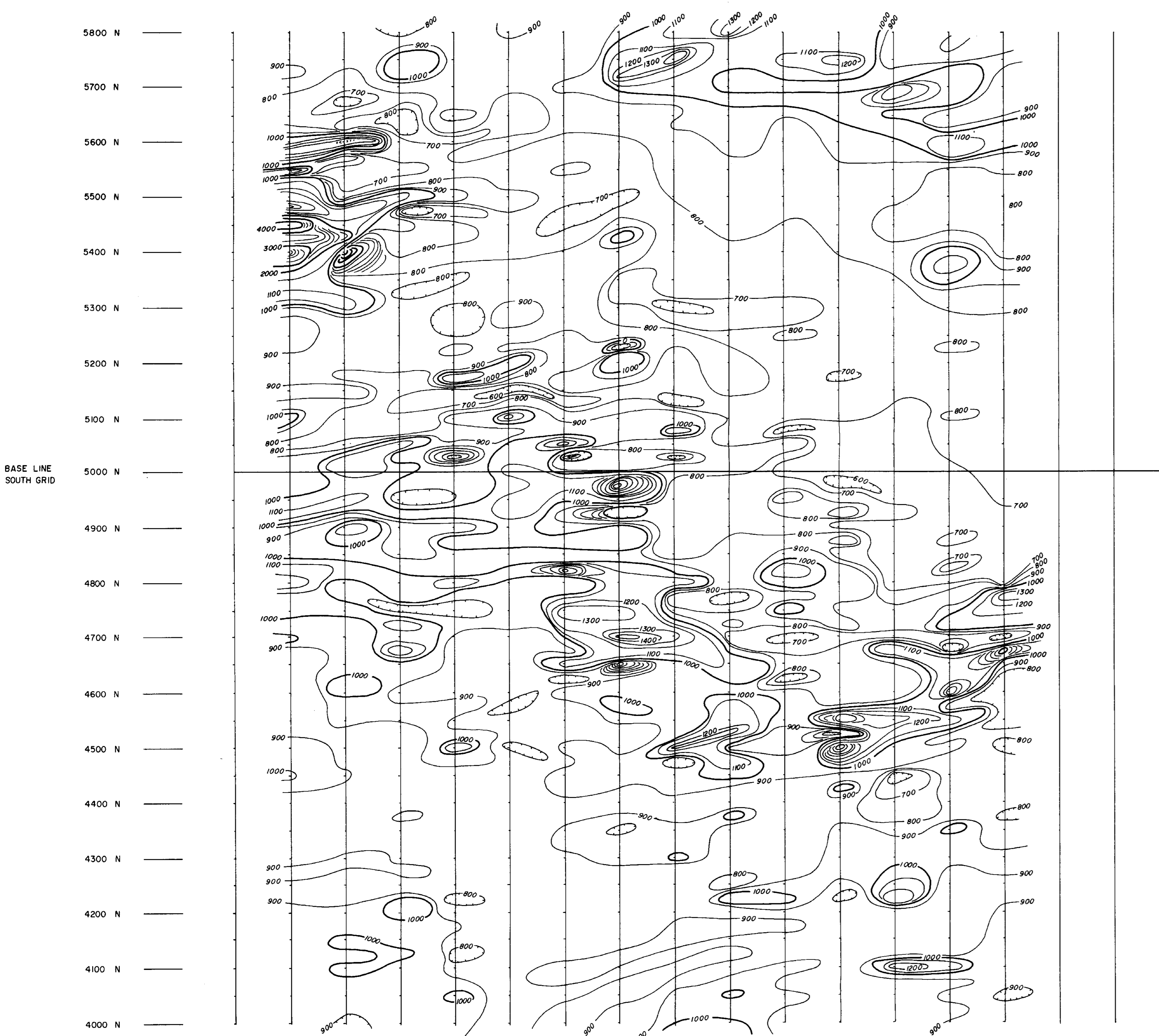
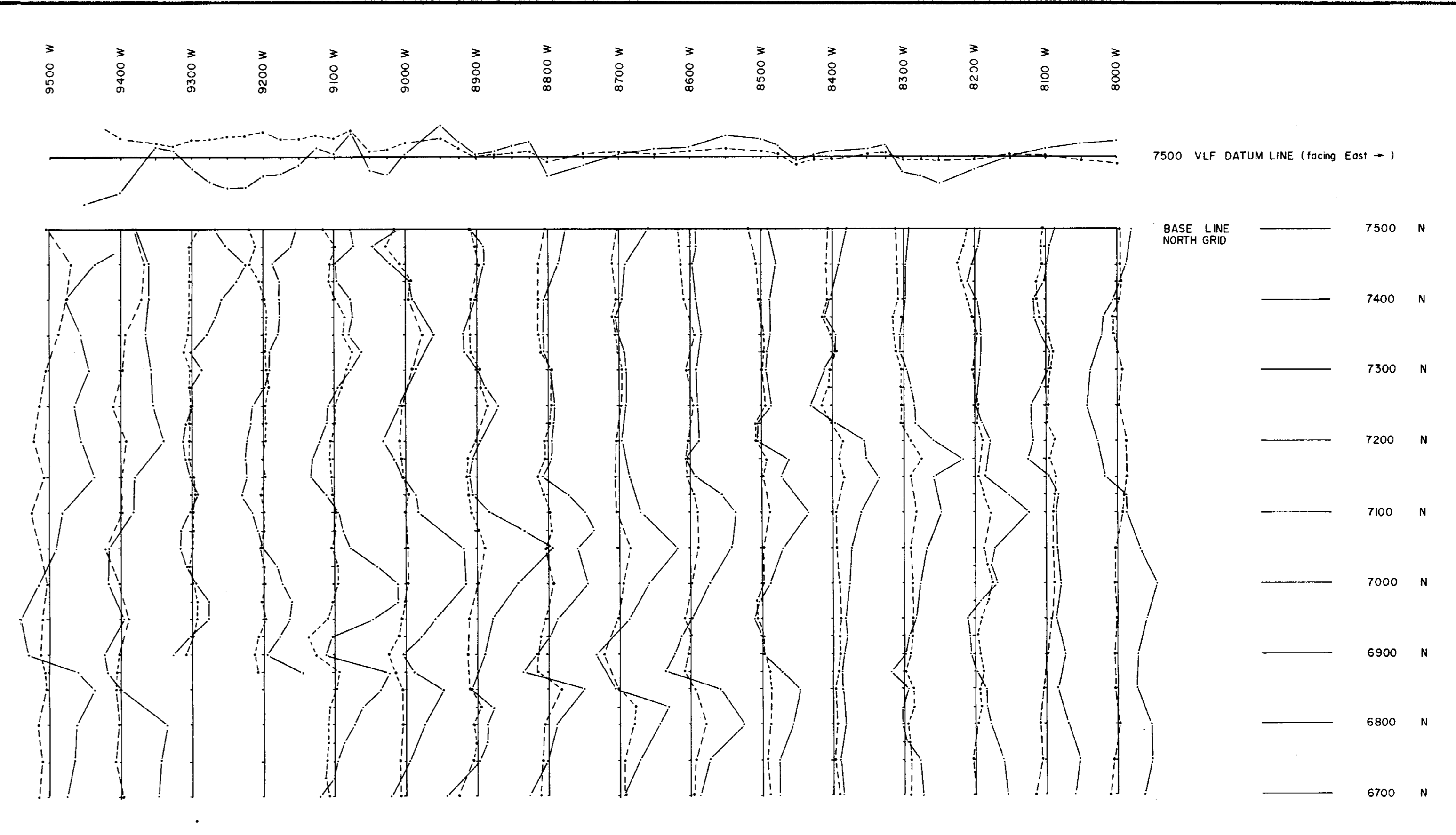
CHRISTMAS LAKE PROJECT

MING MINES LIMITED
GEOCHEMICAL SOIL SURVEY

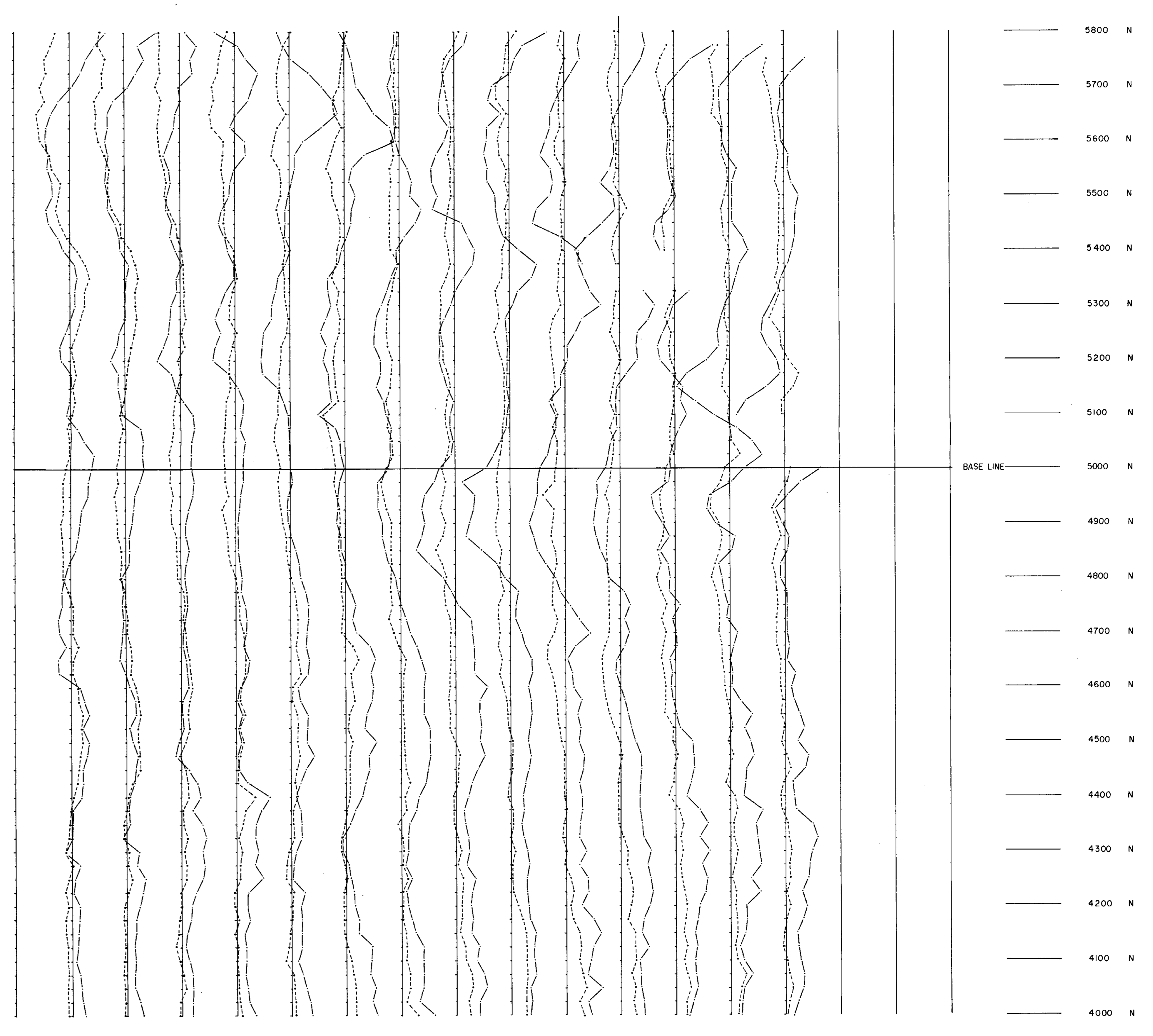
MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:5000	CL-85-4B



NORTH GRID



SOUTH GRID



NORTH GRID
 800 — 100 GAMMA CONTOURS
 825 — 25 GAMMA CONTOURS
 ○ — MAGNETIC LOW

SOUTH GRID
 1000 — 1000 GAMMA CONTOURS
 800 — 100 GAMMA CONTOURS
 ○ — MAGNETIC LOW

VLF - EM PROFILES

PLAN SCALE 1:5000
 PLOT SCALE 1 cm = 20%
 - - - IN - PHASE PROFILE
 - - - OUT - OF - PHASE PROFILE
 N. S. LINES - ANNAPOLIS TRANSMITTER
 OPERATOR FACED NORTHERLY
 E. W. LINES - SEATTLE TRANSMITTER
 OPERATOR FACED EASTERLY

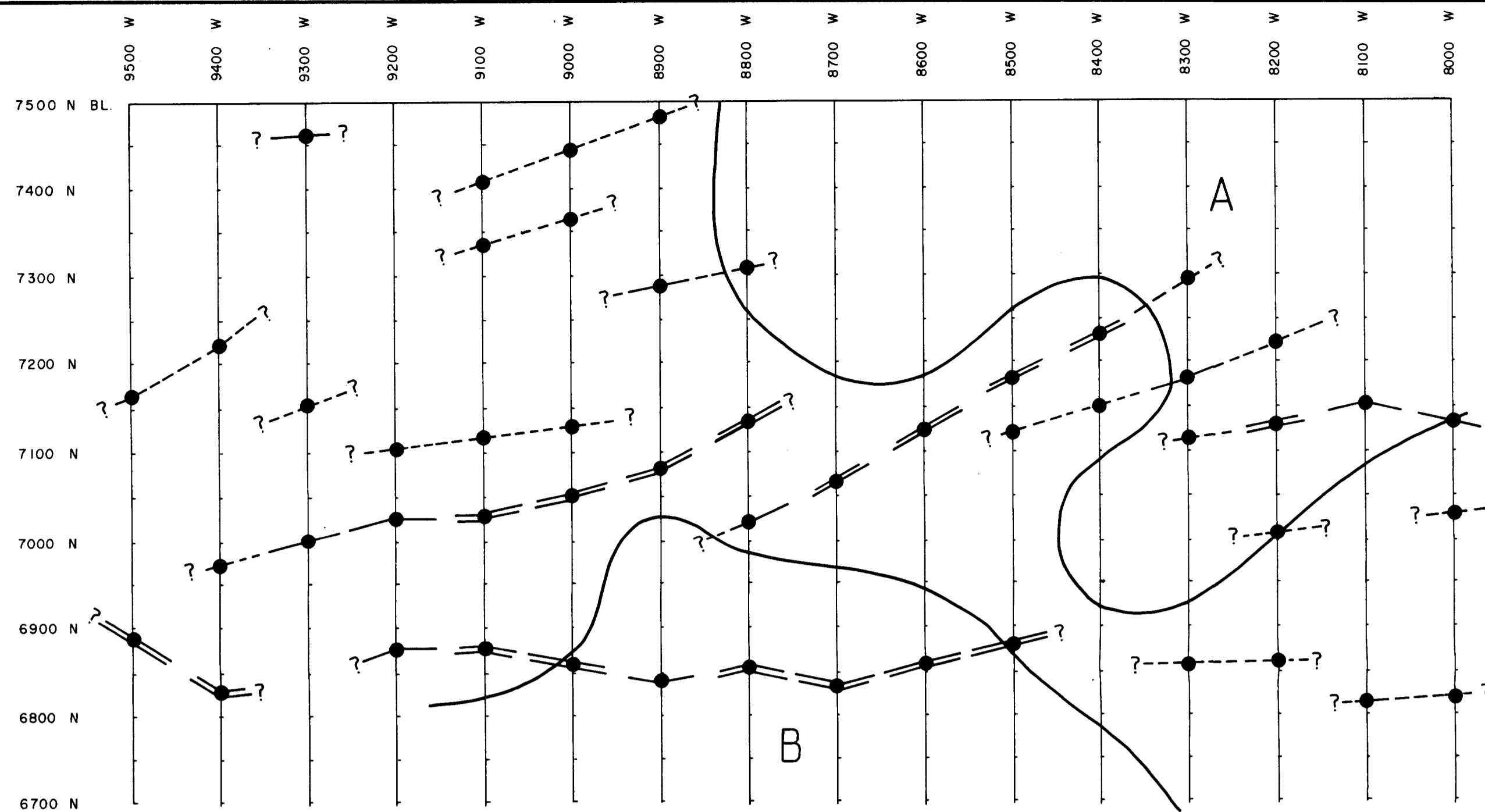
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

14,452

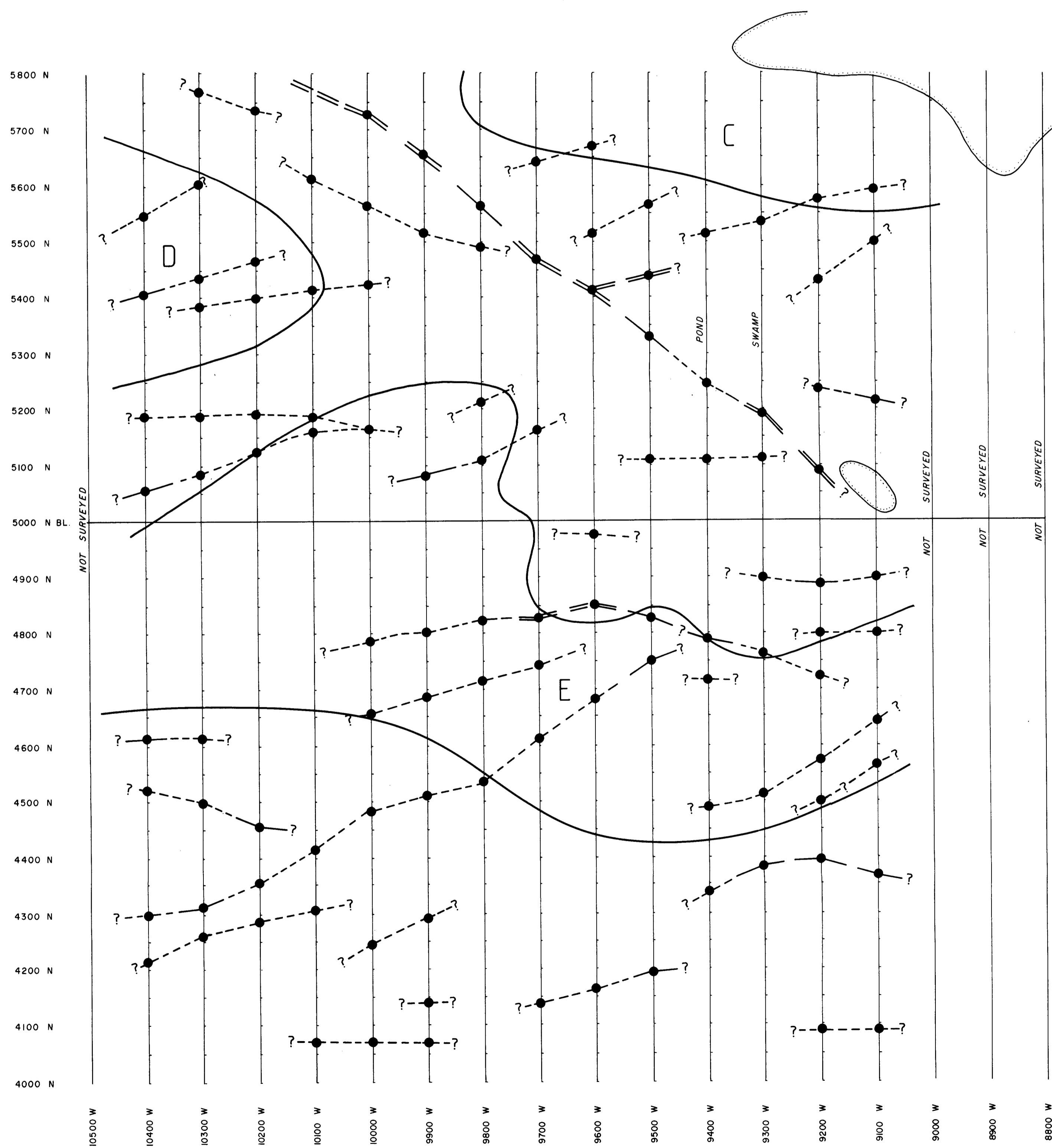
MAP SCALE 	No. Date MADE BY DESCRIPTION 1 2 3 4 5		CHRISTMAS PROJECT MING MINES LIMITED GEOPHYSICAL SURVEY	
	DATE DRAWN BY CHECKED APPROVED NOV 1985		OFFICE DEPARTMENT MAP INDEX NUMBER SCALE DRAWING NUMBER 1:5,000 CL-85-5	



NORTH GRID



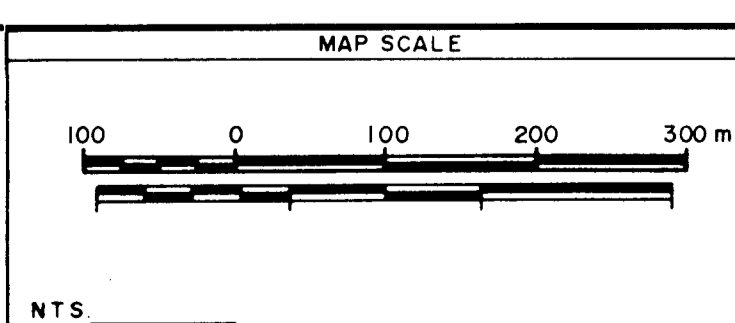
SOUTH GRID



- LEGEND**
- VLF - EM ANOMALY LOCATION
 - /// INTERPRETED CONDUCTOR AXIS (Strong, Medium, Weak)
 - ? QUESTIONABLE CONTINUATION
 - B LABELLED ZONE OF HIGHER MAGNETISM
 - WATER COVER

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,452



No	Date	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
NOV 1985			



CHRISTMAS PROJECT MING MINES LIMITED		
GEOPHYSICAL INTERPRETATION MAP		
MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:5,000	CL - 85 - 6