SNOW OPTION
GEOLOGY, GEOCHEMISTRY AND GEOPHYSICS
OMINECA MINING DIVISION

NTS: 93L/12E

54° 39'N LAT; 127° 40'W LONG.

18,014

OPERATOR:

Lornex Mining Corporation Ltd
1650, 609 Granville street
Vancouver B C
V7Y 1G5

OWNER:

Lornex Mining Corporation Ltd

Graham R Cope, B Sc
October 1988

SUMMARY

The Snow Property is located 30km southwest of Smithers,B.C. in the Omineca Mining Division. The claims are presently held by Lornex Mining Corporation Ltd. by virtue of an option agreement between Lornex and Henk Van Alphen of Smithers, B.C. Access to the property is by helicopter.

The claims were staked in response to anomalous stream sediment geochemistry detected by the BCDM regional geochemistry survey for NTS mapsheet 93L. Subsequent prospecting in the north flowing drainage which bisects the claim group identified numerous sulphidic shear zones and extensive gossans on the banks of the creek. Grab samples collected from float in the creek yielded assays of up to 45.81 g/t Au and 792.7 g/t Ag.

The 1988 exploration programme consisted of detailed and reconnaissance scale geological mapping and rock sampling, a soil geochemistry survey, an induced polarization survey and a VLF-EM survey.

The property is predominantly underlain by Lower Jurassic Telkwa Formation volcaniclastic rocks which have been invaded by Eocene intrusions. Mineralization tends to be localized at the intersections of a north trending regional fault and local splay structures. The mineralized zones are characterized by disseminated sulphides proximal to K-feldspar porphyritic dykes which intrude along the splay structures. Quartz-carbonate veins are present locally within the mineralized zones and typically yield assays on the order of 3.19 g/t Au, 55.5 g/t Ag and 0.29% Zn. The highest assay on the property to date is one of 178.63 g/t Au, 2315.7 g/t Ag and 6.85% Cu from a sulphide-rich quartz-carbonate vein in float.

The results of the 1988 exploration programme indicate that the Snow property is not host to a large economic ore body. The potential may yet exist for a higher grade but small tonnage deposit.

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

1.0 INTRODUCTION

The 1988 exploration programme on the Snow property consisted of detailed and reconnaissance scale geological mapping and rock sampling, a soil geochemistry survey, a VLF-EM survey and an induced polarization survey.

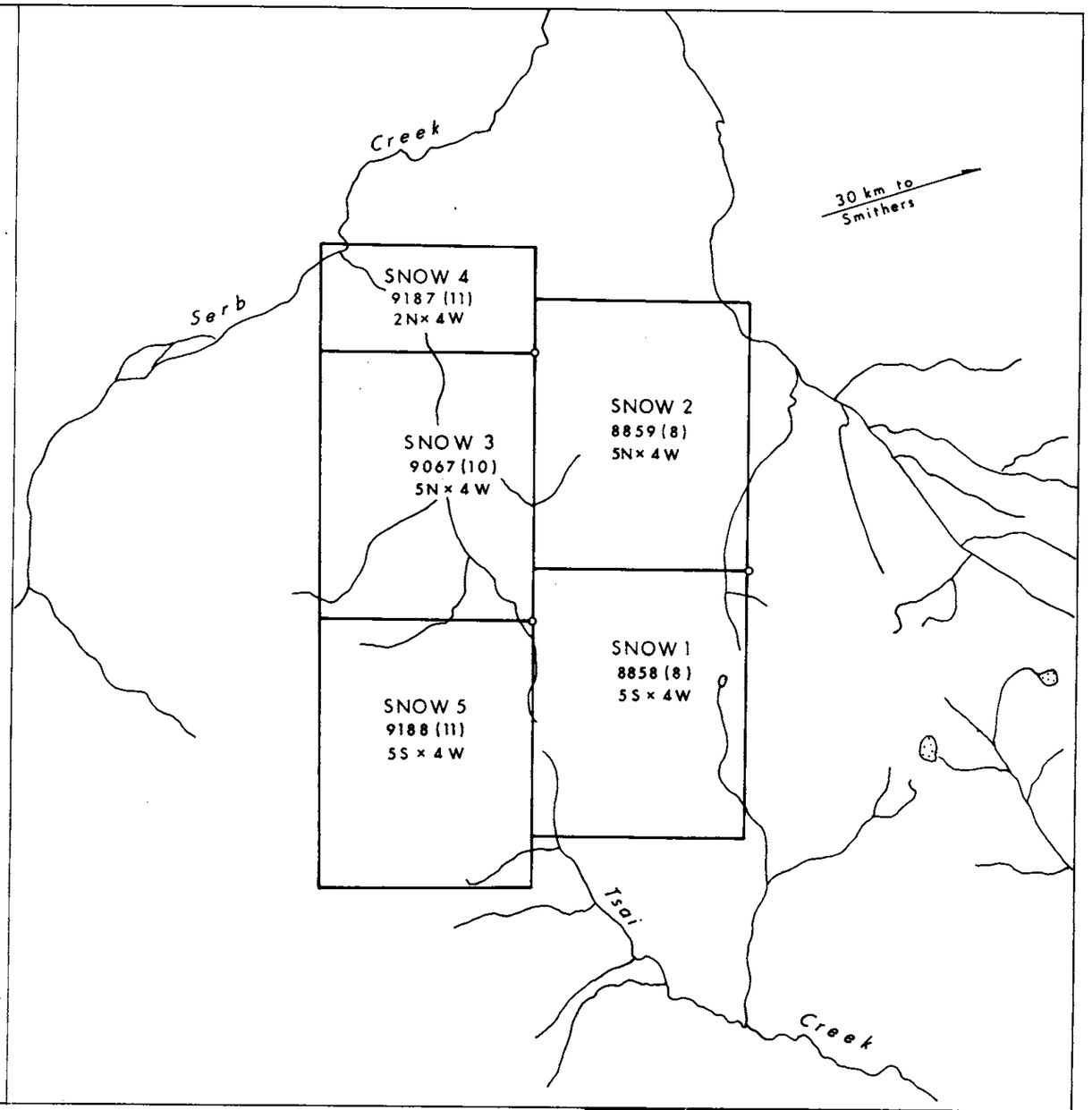
Work was focussed over mineralized zones exposed in a north-south trending creek which bisects the claim block and is hereafter referred to as Snow Creek.

The property was staked in 1987 in response to anomalous stream sediment geochemistry detected in Snow Creek by the 1986 Provincial Geochemical Survey for NTS map sheet 93L. Subsequent prospecting led to the discovery of mineralization in Snow Creek. Grab samples of highly pyritic, sheared volcanic rock yielded assays of up to 45.81 g/t Au and 792.7 g/t Ag.

The objectives of the 1988 exploration programme were firstly to determine if economic mineralization is present over significant widths and secondly, to trace the mineralized zones along strike.

Fieldwork was conducted over various periods between July 5 and September 19 1988, under the supervision of Lornex geologist Graham R Cope.

Included in this report are a brief history of mineral exploration activity in the vicinity of the Snow property and a description of regional geology.



N

NTS 93 L/12

0 1 2 3 km

Scale 1:50000

LORNEX MINING CORPORATION LTD.

SNOW OPTION

LOCATION MAP

DATE	DRAWN BY	DWG.
OCT. 1988.	G.R.C. / J.S.	1

2.0 PROPERTY LOCATION, ACCESS AND TITLE

The Snow property is located 30km southwest of Smithers, B C on NTS map sheet 93L/12E and is centred at 54° 39'N latitude, 127° 40'W longitude (figure 1).

Access to the property is via helicopter from Smithers. The McDonnell Lake road from Smithers is suitable for two wheel drive vehicles and provides access to within 15km northeast of the claims.

The claims are presently held by Lornex Mining Corporation Ltd by virtue of an option agreement dated November 10 1987 between Lornex and Henk Van Alphen of Smithers, B C. Lornex is the current operator on the property.

Claim information is summarized in the following table:

Claim Name	Record No:	Units	Record Date	Expiry*
Snow 1	8858	20	Aug 27 1987	1993
Snow 2	8859	20	Aug 27 1987	1993
Snow 3	9067	20	Oct 21 1987	1993
Snow 4	9187	8	Nov 13 1987	1993
Snow 5	9188	20	Nov 13 1987	1993

*Expiry date reflects assessment work applied to the claims as represented by this report.

The claims were grouped as the Snow Group on August 19 1988.

3.0 HISTORY

In 1986, the British Columbia Department of Mines conducted a regional stream sediment geochemistry survey covering NTS map sheet 93L. A sample collected in Snow Creek yielded a gold analysis of 150ppb Au which is in the 99th percentile for all samples collected. This sample was also weakly anomalous in silver, lead and zinc.

Upon the release of the survey results in 1987, the Snow property was staked by Henk Van Alphen. Subsequent prospecting in Snow Creek located numerous sulphide-rich shear zones which were deemed to be the source of the geochemical anomaly. Grab samples collected from float in Snow Creek yielded assays of up to 45.81 g/t Au and 792.7 g/t Ag.

The Snow property was transferred to Lornex Mining Corporation Ltd in November 1987. The results of the 1988 exploration programme are presented in section 5.0 of this report. No work on the property was recorded prior to the Lornex examination.

Two properties in the immediate vicinity of the Snow property have received attention in the past. The Serb Creek property, located 5km to the southwest, was explored between 1964 and 1966 by Amax Exploration Inc as a potential porphyry molybdenum deposit. The property was again examined by Craigmont Mines Limited in 1975. Published indicated reserves of the Serb Creek showing are 453,600,000 tons using a 0.08% Mo cutoff (1974).

The second property, the NH, is located 6km northwest of the Snow property. The NH was explored in 1967 and 1968 by Dome Babine Mines Limited and in 1973 and 1974 by Grandora Explorations Limited. Mineralization on the property consists of narrow

fracture fillings and replacement zones of chalcocite, bornite, chalcopyrite and malachite along north to northwest striking shear zones in Hazelton volcanic rocks.

4.0 REGIONAL GEOLOGY

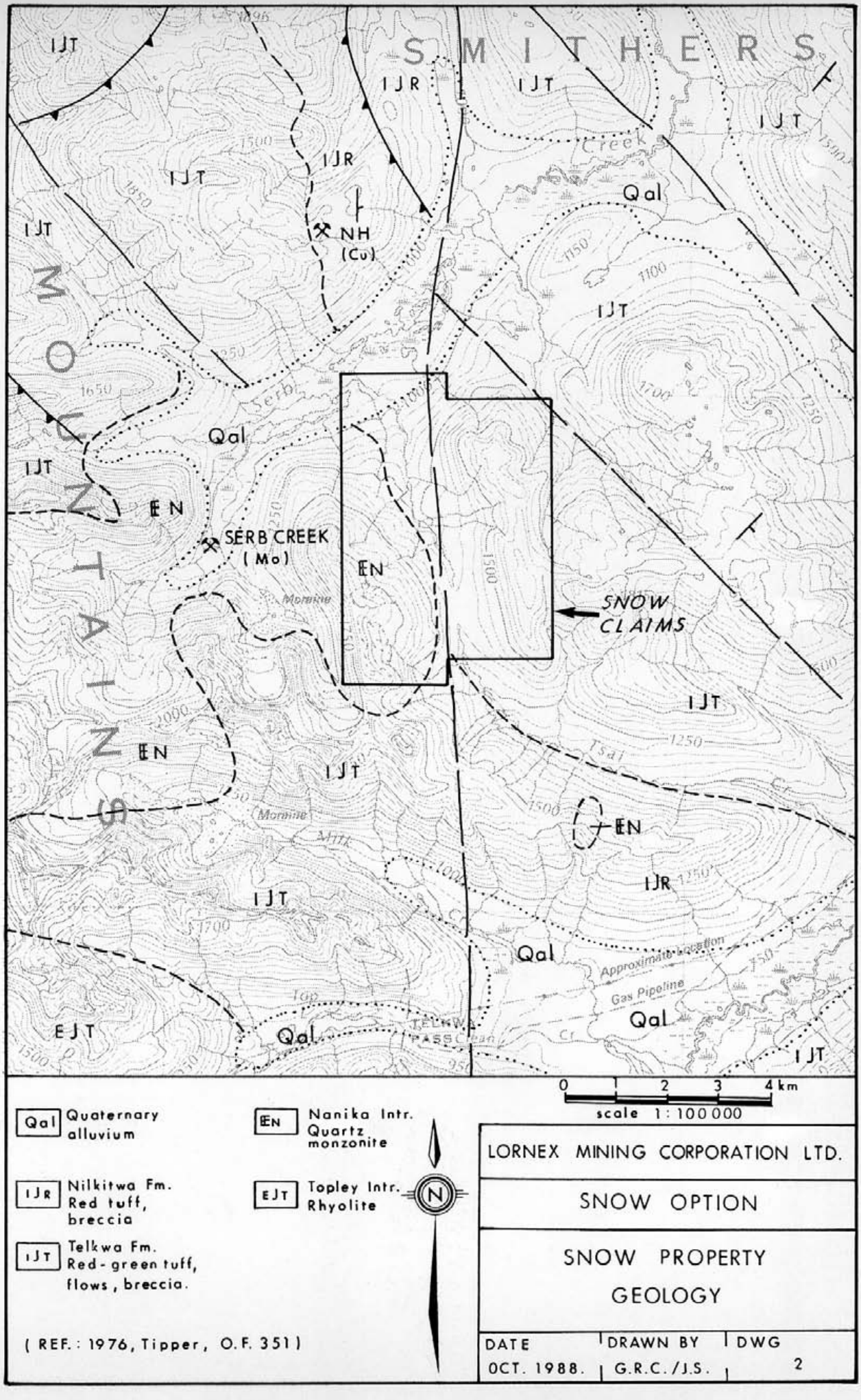
(After Tipper, 1976)

The oldest and most areally extensive rocks exposed in the vicinity of the Snow property belong to the Lower and Middle Jurassic Hazelton Group (Figure 2). The Hazelton Group consists of folded basaltic to rhyolitic volcanic and sedimentary rocks typical of a volcanic island arc depositional environment.

The Lower Jurassic Telkwa Formation (unit lJT) forms the base of the Hazelton and consists of variegated red, maroon, grey green breccia, tuff and flows. Overlying the Telkwa is the Red Tuff Member of the Nilkitkwa Formation (unit lJR) which is comprised of red to brick red, fine-grained tuff and fine breccia. The uppermost member of the Hazelton is the Smithers Formation (unit mJS) which is conformable and possibly gradational with the older members. The Smithers Formation consists of grey-brown, greenish-grey to drab grey greywacke, lithic sandstone, siltstone, shale, tuff, breccia, grit, glauconitic sandstone and minor conglomerate.

The Early Jurassic Topley intrusions (unit EJT) cut the lower part of the Hazelton Group and consist of fine-grained pink to cream coloured rhyolite or felsite. Late Cretaceous and Eocene quartz diorite, quartz monzonite and granodiorite (unit KEg) and Eocene Nanika intrusions (unit EN) consisting of quartz monzonite and felsite, intrude most units throughout the area.

Structurally, the area is characterized by high-angle normal and reverse faults which bound uplifted, down-faulted and tilted blocks. The dominant trend of the faulting is northwest with subordinate northeast and north trends. A major north-trending fault bisects the Snow property.


SMITHERS
MOUNTAIN
IJT
IJR
EN
EJT
Qal
NH
(Cu)
SERB CREEK
(Mo)
SNOW
CLAIMS
Creek
Serb
Morraine
Tsai
Approximate Location
Gas Pipeline
TELKWA
PASS
0 1 2 3 4 km
scale 1:100000
Qal Quaternary alluvium
IJR Nilkitwa Fm. Red tuff, breccia
IJT Telkwa Fm. Red-green tuff, flows, breccia.
EN Nanika Intr. Quartz monzonite
EJT Topley Intr. Rhyolite
N
(REF.: 1976, Tipper, O.F. 351)
LORNEX MINING CORPORATION LTD.
SNOW OPTION
SNOW PROPERTY
GEOLOGY
DATE
OCT. 1988.
DRAWN BY
G.R.C./J.S.
DWG
2

5.0 1988 EXPLORATION PROGRAMME

The 1988 exploration programme on the Snow property consisted of linecutting, detailed and reconnaissance scale geological mapping and rock sampling, a soil geochemistry survey, an induced polarization survey and a VLF-EM survey. these surveys were conducted over various periods between July 5 and September 19, 1988, under the supervision of Lornex geologist Graham R. Cope.

Fieldwork was concentrated over showings exposed in Snow Creek. The objectives of the 1988 programme were to determine if economic mineralization exists over mineable widths and to trace the mineralized zones along strike.

5.1 Property Geology

5.1.1 Lithologies

Geology, grid locations and claim boundaries are shown in figure 3 at a scale of 1:10,000. Detailed geology in the vicinity of Snow Creek is shown in figure 4 at a scale of 1:2,500.

The Snow property is predominantly underlain by intermediate to acid volcaniclastic rocks assigned to the Lower Jurassic Telkwa Formation of the Hazelton Group. The Telkwa Formation is exposed along the ridge crest in the Snow 1 and 2 claims and within Snow Creek in the Snow 3 claim. Tributaries to Snow Creek provide limited additional exposures.

Four subdivisions of the Telkwa Formation are observed in outcrop. Unit 1a, figure 4, consists of brick red, red and maroon, coarse to fine andesite breccia and tuff. Clasts within the breccia are dominantly maroon cherty tuff, angular and matrix supported. Individual clasts are up to 10cm long. The matrix consists of maroon, fine-grained, gritty andesite. The tuffaceous intervals are generally massive.

Unit 1b, figure 4, comprises intercalated green and maroon, fine andesite breccia and tuff. Texturally, Unit 1b is similar to Unit 1a. Colour variations are believed to be the result of fluctuating reducing and oxidizing conditions at the time of deposition.

Unit 1c, figure 4, is composed of green, fine andesite breccia, tuff and possible flows. Unit 1b, may be gradational between Units 1a and 1c, however, this relationship was not observed in outcrop.

The fourth subdivision of the Telkwa Formation consists of banded rhyolite, unit 2, figure 1. Grey and tan bands alternate and average 3mm in width. This unit is exposed in Snow Creek between lines 12+00N and 14+00N and in spot outcrops along the ridge in the Snow 2 claim.

A stock of coarse-grained, grey-white quartz diorite, Unit 3, figure 4. intrudes the volcaniclastic rocks in the southwest corner of the Snow 3 claim and underlies much of the Snow 5 claim. This stock has been assigned to the Eocene Nanika Intrusions by government mappers (Tipper, 1976).

Grey, fine-grained, potassium feldspar porphyritic granodiorite dykes, Unit 4 in figure 4, intrude both the volcaniclastic rocks and the quartz diorite stock. The dykes vary in widths from tens of centimetres to several metres and are presumed to be in a late stage magmatic event related to emplacement of the quartz diorite stock.

Green, fine-grained, amygdaloidal basalt dykes are present in the northern portion of the Snow 3 claim. Quartz-filled amygdules, up to 1cm in diameter, comprise up to 10%.

The volcaniclastic rocks underlying the Snow property are generally fresh with local exposures exhibiting weak chloritization. Pyritic envelopes of weak to moderate silicification are associated with the granodiorite dykes. Sparse quartz and quartz-carbonate veins are present within the silicified envelopes.

5.1.2 Structure

Reliable bedding attitudes are difficult to measure due to extensive faulting and fracturing. Northwest to north strikes dominate with both east and west dips. As there is little evidence for folding on the property, the variation in dip directions appears to be related to uplift. Graded bedding observed on the Snow 2 claim indicates that the beds are overturned. However, the beds are undeformed and the fining downward sequence may indicate reverse bedding.

Snow Creek follows the trace of a north-trending regional fault. Numerous splay faults and shear zones associated with the regional structure trend northeast to southeast. The dykes on the property intrude along the splay faults as evidenced by sheared contacts and similar orientations. "Crushed" zones of intense fracturing and brecciation are present at the regional fault-splay structure intersections and frequently include the dykes.

5.1.3 Mineralization

Mineralization on the property consists of sulphide fracture-fillings and sulphide-rich quartz-carbonate veins proximal to feldspar porphyritic granodiorite dykes. Pyrite is the dominant sulphide with minor chalcopyrite and local sphalerite and galena. Individual mineralized veins and fractures trend northeast to southeast and exhibit steep north and south dips.

The mineralized zones are exposed along a 600m section in Snow Creek and are localized where the splay structures intersect the north-south trending regional fault. Individual pyritic zones are up to 27m wide. Due to glacial and talus cover, the mineralized zones were not traceable beyond Snow Creek. A total of 65 rock samples was collected and subsequently analysed geochemically for Au and for 30 additional elements by ICP. Strongly anomalous samples were fire-assayed.

Grab samples from outcrop of sheared, pyritic fine breccia yielded assays of up to 6.34 g/t Au, 56.57 g/t Ag, 0.19% Zn (sample 6402). Grab samples from sulphide-rich quartz-carbonate veins yielded assays of up to 4.53 g/t Au,

85.4 g/t Ag, 0.72% Zn, 0.39% Cu, 0.29% Pb (sample 6311). A grab sample of float material mineralogically identical to the sulphide-rich quartz-carbonate veins yielded assays of 178.63 g/t Au, 2315.7 g/t Ag, 6.85% Cu (sample 6301).

Chip samples were taken across a number of the mineralized zones, shown in figure 5. The widest zone, the Island showing exposed in the center of the gridded area, yielded analyses of up to 625ppb Au, 12.3ppm Ag, 210ppm Cu, 207ppm Pb, 856 ppm Zn over 1.0m (sample 6321). Over a total width of 27.0m, the zone averaged 230ppb Au, 5.1ppm Ag, 216ppm Cu, 100ppm Pb and 228ppm Zn. A grab sample collected in this zone yielded assays of 3.67 g/t Au, 70.6 g/t Ag, 0.16% Pb and 0.14% Zn (sample 6322).

Sample 121, a grab sample of pyritic fault gouge collected by Henk Van Alphen at the Discovery showing, produced analyses of 489.09 g/t Au and 246.8 g/t Ag. A 1.5m chip sample which included the pyritic gouge interval yielded results of 425ppb Au, 7.0ppm Ag and 508ppm Zn (sample 6347). The remaining chip samples collected at the Peninsula showing, yielded only weakly anomalous results.

In summary, while heavily mineralized, narrow veins and shears produce strongly anomalous results, weakly mineralized wallrock yields uniformly low values.

5.1.4 Geological History

The following is a possible chronology of geological events on the Snow property.

1) Deposition of the Telkwa Formation during the Lower Jurasic.

2) Uplift related to the Nanika Intrusions during the Eocene. Development of high-angle normal and reverse faults, crushed zones.

3) Emplacement of K-feldspar porphyritic dykes along zones of structural weakness during the later stages of the Nanika Intrusive event, continued tectonism.

4) Development of convection cells and attendant hydrothermal activity during cooling of plutons. Localization of mineralization within crushed zones.

5) Erosion to present surface.

5.2 SOIL GEOCHEMISTRY SURVEY

5.2.1 Survey Outline

Two grids were established on the property with 1.5km north-south baselines on either side of Snow Creek. The baselines and 100m spaced grid lines were tight-chained, cut and picketed. North-south flagged lines were installed at 100m intervals over the mineralized zone. A total of 19.4 line-km of cut line and 4.8 line-km of flagged line was

installed. Grid locations are shown in figure 3.

Soil samples were collected at 25m intervals along the grid lines and baselines. Wherever possible, the 'B' soil horizon was sampled. A total of 812 soil samples was collected, placed in kraft bags, dried and subsequently analysed geochemically for gold and for 30 additional elements by inductively coupled plasma (ICP). All analyses were performed by Acme Analytical Laboratories of Vancouver, B.C.

5.2.2 Survey Results

Analytical results for each of gold, silver, arsenic and copper were plotted and contoured at a scale of 1:2500 (figures 6 & 7). Contour intervals were calculated statistically and are summarized below:

		Element	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
Mean			11	1.0	11	25
Standard Deviation			23	0.9	10	22
Sample Population			309	308	309	309
Mean + 2 standard Deviations	Threshold		57	2.8	31	69
Mean + 4 standard Deviations	Moderately Anomalous		103	4.6	51	113
Mean + 6 standard Deviations	Strongly Anomalous		149	6.4	71	157

Gold and silver anomalies are generally spatially related and locally coincident. Distribution of anomalous samples is random over the gridded area and no clear trends are apparent. The

strongest anomaly lies on line 13+00N between 82+00E and 82+50E. Gold results range from 128 to 887ppb Au and silver results range from 1.4 to 9.0ppm Ag. Single sample anomalies lie at 13+25N, 80+50E (250ppb Au, 10.6ppm Ag) and 12+75N, 77+50E (445ppb Au, 17.4ppm Ag). Each of these anomalies has associated anomalous copper values ranging between 179ppm Cu and 364ppm Cu. Collectively, these individual anomalies are designated Zone 1.

A weak to moderate gold anomaly with low silver values, Zone 2, lies between lines 14+00N and 15+00N and between 84+00E and 85+00E. There are no anomalous copper and arsenic values associated with this anomaly.

A moderate to strong, elongate, silver-copper anomaly, Zone 3, extends from 18+50N, 85+00E to 19+00N, 83+50E. Silver values range between 3.5ppm Ag and 5.6ppm Ag and copper values range between 112ppm Cu and 1163ppm Cu. Gold values are below threshold and arsenic values are generally low.

Zone 4 consists of three, closely spaced silver anomalies with coincident anomalous copper values located on line 20+00N between 77+50E and 79+00E. Silver values range up to 42.5ppm Ag and copper values range up to 806ppm Cu. Gold and arsenic values are again below threshold.

The Zone 5 copper anomaly is an elliptical zone centred at 18+00N, 78+50E and elongate in a northwesterly direction. This zone is approximately 200m long and 80m wide. Copper results range from 84 to 1926ppm Cu. There is no associated anomalous silver and arsenic geochemistry. A moderate, two sample gold anomaly (63ppb and 115ppb Au) lies immediately south of Zone 5.

The highest gold and silver results (7313ppb Au, 242.3ppm Ag) lie on line 19+00N at 81+50E. This is a single sample anomaly and no source for the high results was identified.

5.3 INDUCED POLARIZATION SURVEY

5.3.1 Survey Outline

A total of 10.275 line-km of induced polarization survey was completed over the east-west cut lines by Scott Geophysics Ltd. of Vancouver, B.C. A pole-dipole electrode array was used on the survey with an 'a' spacing of 25m and 'n' separations of 1 to 5. The current electrode was to the east of the receiving electrodes on all survey lines.

A Scintrex IPR11 time domain microprocessor based induced polarization receiver and a Scintrex IPC7 2.5kw transmitter were used for the survey. Readings were taken using a 2 second alternating square wave.

The chargeability for the seventh slice (2 second pulse; 690 to 1050 mulliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

The survey data was archived, processed, and plotted using a Sharp PC7000 microcomputer running Scintrex Soft II and proprietory software.

5.3.2 Survey Results

Results from the IP survey are shown in pseudosection format in appendix IV. Contoured chargeability and resistivity values are shown in figures 8 and 9 respectively. Interpretation of the results is shown in figure 12.

A number of weak to moderate chargeability highs were identified by the IP survey. These zones are typically broad and poorly defined. This suggests that the survey lines may be crossing the geological features which are the source of the anomalies at oblique angles.

On the western half of the grid, broad, weak chargeability highs were identical on each of lines 12+00N through 17+00N. Correlative resistivities are generally low with flanking resistivity highs. On line 13+00N, the chargeability feature is coincident with the Zone 1 geochemistry anomaly. The remaining chargeability features on the western half of the grid do not correlate with anomalous geochemistry.

The strongest chargeability feature identified by the survey lies between lines 12+00N and 14+00N at 85+00E. This moderate chargeability feature is accompanied by high resistivity values. On line 14+00N, the zone is coincident with the Zone 2 geochemistry anomaly.

A number of very weak chargeability features are present in the northeast corner of the grid. However, these zones are not associated with anomalous geochemistry.

5.4 VLF-EM SURVEY

5.4.1 Survey Outline

A total of 6.2 line-km of VLF-EM surveying was conducted over the north-south flagged lines and baselines between 12+00N and 19+00N. A Geonics EM-16 utilizing the Annapolis, MD (21.4kHz) transmitter was used for data acquisition. Readings were taken at 25m intervals facing north.

The data is presented at a scale of 1:2500 in profile format (figure 10) and in Fraser filtered format (figure 11). Interpretation of the results of the survey is shown in figure 12.

5.4.2 Survey Results

A number of northeast to southeast trending features were identified by the survey. Three features appear to be free of topographic and/or water influences.

Conductor A extends from 14+60N, 81+50E to 15+00N, 78+50E and has possible continuity to 14+80N, 77+50E. This feature is associated with a broad chargeability high on line 15+00N. This conductor is not associated with a zone of anomalous geochemistry.

Conductor B approximately parallels conductor A 200m to the north. Conductor B lies upslope from the Zone 5 copper soil geochemistry anomaly. The Zone 5 anomaly may indicate a dispersion fan sourced at Conductor B. A broad induced polarization anomaly on line 17+00N coincident with conductor B, may indicate the presence of disseminated sulphides.

Conductors A & B both decrease in strength with increasing distance from Snow Creek. This may reflect decreasing sulphide content along continuing structural features.

The third feature, Conductor C, extends from 17+45N, 85+00N to 17+90N, 83+00E. This is a weakly conductive feature exhibiting probable continuity. The Zone 3 silver-copper soil geochemistry anomaly lies 100m north of conductor C and the two features are approximately parallel. This apparent spatial association may be coincidental.

6.0 CONCLUSIONS

1. The Snow property is predominantly underlain by Lower Jurassic Telkwa Formation volcaniclastic rocks which have been invaded by Eocene intrusions.

2. The mineralized zones tend to occur near the intersection of the north trending regional fault and local splay structures.

3. Mineralization is characterized by disseminated sulphides in crushed zones proximal to k-feldspar porphyritic granodiorite dykes. The mineralized zones locally contain sulphide-rich quartz and quartz-carbonate veins.

4. The highest assays on the property were returned from a sulphide-rich quartz-carbonate vein in float which yielded 178.63 g/t Au, 2315.7 g/t Ag and 6.85% Cu (sample 6301). Typical grades from similar material sampled in outcrop are 3.19 g/t Au, 55.5 g/t Ag and 0.29% Zn (sample 6309). The widest vein observed is 30cm, however, 1 to 2cm veins are more common. Geochemical results from pyritic wallrock are weakly anomalous.

5. The veins do not exhibit textures indicative of multi-phase emplacement. Therefore, the mineralization is probably related to a single event, most likely the intrusion of the granodiorite dykes.

6. The soil geochemistry survey did not delineate extensions of the known mineralized zones beyond Snow Creek. The anomalous zones which were outlined are in areas of thick overburden and their sources were not identified.

7. The geophysical surveys outlined features which may be extensions to structures observed in Snow Creek. However,a decrease in sulphide content with increasing distance from Snow Creek is suggested by the data supporting the proposition that mineralization is localized near fault intersections.

8. The Snow property does not appear to possess the potential for a large, economic ore body. Additional exploration, however, may be successful in locating zones of higher grade material suitable for small scale mining operations.

7.0 RECOMMENDATIONS

As it is apparent that mineralization on the property is localized near fault intersections and along the margins of dykes, future exploration programmes should be designed to more accurately delineate these features. A closely-spaced magnetometer survey is recommended to outline the intrusive bodies. Pending favourable correlation of the magnetic data with 1988 VLF-EM, induced polarization and soil geochemistry surveys, it is recommended that the highest priority targets be drilled to test for economic mineralization beyond the confines of Snow Creek.

REFERENCES

Clarke, W.G.

1966: Serb Creek Property in Minister of Mines, B.C., Annual Report, 1966, pp. 91.

Needoba, J.C.

1973: Report on the AB Group, Caribou Mountain, for Grandora Explorations Ltd., 1973, BCDM Assessment Report 4671.

Schroeter, T.G.

1975: Serb Creek Property in Geology Minister of Mines, B.C., BCDM, pp. G65-G66.

Sutherland, Brown, A.

1965: Serb Creek Property in Minister of Mines, B.C., Annual Report, 1965, pp. 76-80.

Tipper, H.W.

1976: Geology of the Smithers Map-Area, British Columbia Geological Survey of Canada, Open File 351.

Vollo, N.B.

1976: Diamond Drilling Report on the SC Group, for Craigmont Mines Limited, 1976, BCDM Assessment Report 5762.

CERTIFICATE

I, Graham R. Cope do hereby certify that:

1. I am a graduate of the University of British Columbia with a Bachelor of Science degree (1985) in geology.

2. I have been involved in mineral exploration for the past eight years and have practised my profession as a geologist continually since graduation.

3. I presently hold the position of Project Geologist with Lornex Mining Corporation Ltd. with offices at 1650, 609 Granville Street, Vancouver, British Columbia.

4. I am an Associate of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.

5. I personally supervised the exploration programme conducted on the Snow property between July and September, 1988.

Graham R. Cope
Vancouver, October 1988

APPENDIX I

COST STATEMENT

COST STATEMENT - AUGUST 1988*

Salaries	$ 4,297.00
Benefits	1,074.00
Drafting	99.00
Copying	219.00
Shipping	219.00
Supplies	4.00
Accommodation	446.00
Meals	1,394.00
Travel	1,070.00
Helicopter	9,079.00
Contract Geophysics	19,080.00
Contract Soil Sampling	3,526.00
Contract Line-Cutting	10,279.00
Analyses	7,861.00
Overhead (20% salaries, 5% other)	3,577.00
TOTAL 1988	$ 62,224.00

* Costs up to and including August 27, 1988.

APPENDIX II

ROCK SAMPLE DESCRIPTIONS

SNOW PROJECT 419 - ROCK SAMPLE DESCRIPTIONS

SAMPLE

SNOW LOCATION: SNOW 3 ROCK TYPE: FINE BRECCIA

Grab from outcrop. Grey to maroon, fine volcanic breccia. Green and red clasts to 5mm comprise 60%. Intense fracturing with rusty fracture coatings. Trace-1% fine disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
390	18.2	28	216	66	72

GC88-7 LOCATION: SNOW 3 ROCK TYPE: FAULT GOUGE

Grab from outcrop. 2-5cm wide fault zone filled with pale grey fault gouge. Gouge contains up to 50% 0.5-1mm pyrite cubes. Hosted in intensely fractured maroon fine breccia. Sample is entirely fault gouge.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
5170 4.87g/t	102.7 104.9g/t	320	51	216 0.02%	5489 0.60%

GC88-8 LOCATION: SNOW 3 ROCK TYPE: QUARTZ VEIN

Grab from outcrop. 2-5cm wide quartz vein with up to 40% massive to coarse crystalline pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
4410 4.25g/t	54.2 65.5g/t	88	46	833 0.11%	1760 0.20%

GC88-8a LOCATION: SNOW 3 ROCK TYPE: PYRITE VEIN

Grab from outcrop. 2cm pyrite vein with minor quartz. Occurs as fracture filling in intensely fractured maroon fine breccia.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
3020 3.02g/t	53.6 68.6g/t	43	64	1645 0.20%	7878 0.92%

6301 LOCATION: SNOW 3 ROCK TYPE: ALTERED VOLCANIC

Grab from float. 10cm sub-rounded cobble of intensely silicified volcanic with 80% massive to coarse crystalline pyrite. Extremely rusty fractures and weathered surface.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
179900	207.8	304	48763	289	318
178.63g/t	2315.7g/t		6.85%		

6302 LOCATION: SNOW 3 ROCK TYPE: ALTERED VOLCANIC

Grab from float. 20cm sub-rounded cobble of dark green, fine-grained, strongly chloritized volcanic. 10% pyrite in 5mm-1cm veinlets.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
390	6.7	27	519	16	208

6303 LOCATION: SNOW 3 ROCK TYPE: ALTERED VOLCANIC

Grab from float. 15 x 20 x 15cm sub-angular cobble of strongly silicified (>50% milky quartz) and chloritized volcanic. 5-10% combined chalcopyrite and pyrite in blebs to 1cm and disseminated throughout.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
2160	73.9	25	19388	1170	2866
2.19g/t	86.1g/t		3.33%		0.42%

6304 LOCATION: SNOW 3 ROCK TYPE: ALTERED VOLCANIC

Grab from float. 15 x 20 x 15cm sub-angular cobble of calcite-flooded (>80%) volcanic. 10-15% disseminated and shear/fracture pyrite, 1% disseminated galena.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
1080	14.0	51	214	1280	7675
1.06g/t	15.1g/t			0.12%	0.91%

6305 LOCATION: SNOW 3 ROCK TYPE: PORPHYRITIC INTRUSIVE

Grab from outcrop. Grey-green, medium-grained, K-feldspar porphyritic granodiorite dyke. Strongly fractured with rusty oxidation. 10% limonitized pyrite, 1% fresh pyrite, trace malachite and azurite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
5	1.4	2	566	30	166

6306 LOCATION: SNOW 3 ROCK TYPE: QUARTZ VEIN

Grab from float. 10 x 10 x 15cm cobble of milky white quartz vein with $\leq$50% massive to coarsely crystalline pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
1790 1.78g/t	27.5 30.2g/t	546	273	453	6200 0.73%

6307 LOCATION: SNOW 3 ROCK TYPE: ALTERED VOLCANIC

Grab from outcrop. Intensely fractured and oxidized volcanic. Malachite and azurite coatings on fracture surfaces. Sample was collected proximal to K-feldspar porphyritic granodiorite dyke.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
23	1.3	2	1314 0.17%	24	747

6308 LOCATION: SNOW 3 ROCK TYPE: CARBONATE VEIN

Grab from float. 20cm cobble, angular, of calcite with minor quartz, containing up to 50% massive pyrite and 1% galena. Trace pyrite cubes to 1.5cm.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
3720 4.18g/t	44.2 55.2g/t	60	129	960	3368 0.40%

6309-6314 LOCATION: SNOW 3 ROCK TYPE: CARBONATE VEIN

Grabs from outcrop. Samples collected at 2m intervals along strike. 30cm wide carbonate ± quartz vein. Locally contains up to 40% sulphide minerals, predominantly pyrite with 1% sphalerite and 1% galena. Vein is exposed 10m along strike and 1m down dip.

	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
6309	3100 3.19g/t	43.2 55.5g/t	130	490	1193 0.11%	2476 0.29%
6310	2370 2.37g/t	21.8 22.6g/t	41	264	386	1370 0.17%
6311	4775 4.53g/t	75.5 85.4g/t	327	3297 0.39%	2446 0.29%	5247 0.72%
6312	3520 3.53g/t	45.6 53.8g/t	138	158	1406 0.17%	9115 1.22%
6313	3840 3.91g/t	50.9 56.9g/t	81	131	1100 0.13%	3505 0.46%
6314	1610 1.54g/t	19.6 20.6g/t	94	96	1136 0.12%	6675 0.83%

6315 LOCATION: SNOW 3 ROCK TYPE: CARBONATE VEIN

Grab from outcrop. 20cm wide calcite ± quartz vein. Locally contains up to 20% sulphide minerals, predominantly pyrite with minor galena and sphalerite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
2110 1.89g/t	6.6	8	111	567	2343 0.32%

6316 LOCATION: SNOW 3 ROCK TYPE: FINE BRECCIA

Grab from outcrop. Pale grey green, weathering green. Gossan stained. Fine grained with grey siliceous phenocrysts/clasts up to 1mm wide in a moderately clay altered ground mass. Trace-1% <<1mm white quartz veinlets. Fractured, crumbly, slightly vuggy. 1% very fine to fine disseminated pyrite. Trace blebs of massive pyrite up to 3mm long and <1mm wide. Strong pervasive silicification.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
49	11.2	37	200	88	113

6317 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and maroon with strong gossan and black oxidation coating. Fine-grained with 10% strongly silicified maroon clasts <1-4mm. Fractured slightly vuggy. Up to 10% pyrite occurring as 2mm veinlets and coating fracture surfaces. 5% azurite, trace-1% malachite, 1-2% <1mm sphalerite.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
775	25.9	5	2004	646	3469
	29.1g/t		0.21%		0.41%

6318 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green, weathering black green; very strong black and rusty oxidation. Fine-grained with 5% <<1mm red rounded clasts and lenses. Virtually no fresh surface due to extreme oxidation. Fractured with slicken- sides on one surface. No mineralization observed.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
26	1.1	2	66	65	247

6319 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green, weathering black green with strong gossan staining. Fine-grained with <<1mm cherty fragments in matrix. 10% carbonate. Up to 20% chlorite, 10% clay. Very broken and rubbly. Fractures at 1.5cm intervals. Up to 15% pyrite occurring mainly as very fine-4mm disseminated cubes, locally massive and forming <<1-4mm veinlets. Trace epidote.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
3565	68.1	8	506	503	1413
3.77g/t	69.9g/t				0.16%

6320 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Fresh surface maroon and green. Strong gossan and black oxidation on weathered surface. Fine-grained, strong pervasive silicification over 4mm competent zone. 1cm vein composed of 65% calcite, 30% white quartz and 5% sphalerite. 2-4mm vein selvage of pyrite with crystals <<1-2mm. Gouge on fracture surfaces, composed predominantly of very fine pyrite. Total pyrite 30%. Trace malachite.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
3855	61.0	13	437	753	2185
3.84g/t	64.8g/t				0.26%

6321 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

1.0m chip sample across strongly to intensely fractured and sheared, grey-green fine breccia. Intense oxidation along fracture surfaces. Sample includes five 1-2cm quartz-carbonate veins containing 50% pyrite and 2-3% sphalerite.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
625	12.3	7	210	207	856

6322 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and pale maroon, weathering rusty/ gossan stained. Fractured with gritty gouge along fracture surface. One surface partially coated with black massive sulphide (in gouge) containing 50% pyrite. Up to 15% pyrite, predominantly as very fine-2mm disseminated crystals locally forming veins up to 2mm wide. 1% carbonate veinlets. 1-2% white quartz veinlets 1-3mm wide. Fine-grained with siliceous phenocrysts <1mm. Strong pervasive silicification, chlorite and clay alteration. Trace vuggy.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
3465	71.8	110	133	1406	1264
3.67g/t	70.6g/t			0.16%	0.14%

6323 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Pale grey green to green. Weathering black green. Strong gossan staining. Fine-grained. Up to 30% quartz. 20% carbonate infilling open spaces, coating fractures and occurring as veinlets, 10-15% clay and chlorite. Fractured, slightly crumbly, trace gouge along fracture surfaces, trace vuggy. 10-20% <<1-5mm cubes disseminated pyrite. Trace sphalerite (?).

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
1395	31.9	67	118	564	681
1.54g/t	37.4g/t				

6324 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Grey green, weathering dark green and rusty (gossan). Broken rubbly rock with gouge. Where competent, strong silicification. Fine-grained ground mass with <1mm siliceous phenocrysts. 1-2% carbonate filling open spaces and coating fracture surfaces. 1% sphalerite (?),. 5% fine-2mm cubes disseminated pyrite, including very fine pyrite filling along 1% of fractures. Trace quartz veinlets up to 5mm wide. Fractures at 3mm intervals oriented in three directions.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
555	10.1	19	84	271	359

6325 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Grey green and pale maroon, weathering black green and dark maroon predominantly gossan stained. Fine-grained. Strong pervasive silicification. Up to 20% carbonate as blebs up to 2mm wide and in ground mass. 3% quartz veins up to 2mm wide. Up to 20% pyrite occurring as fine-4mm disseminated cubes and as selvages up to 5mm wide adjacent to quartz veins. Trace malachite and sphalerite. Fractured, broken and rubbly.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
1995	69.8	17	127	945	1474
2.33g/t	71.0g/t				0.16%

6326 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Grey green, trace pale maroon locally, weathering black green. Gossan stained. Sample composed mainly of rusty and grey gouge which contains silicified clasts and 1% very fine pyrite. Away from fault plane rock is fine-grained with strong pervasive silicification. Vuggy along gossan-stained fracture surface with trace very weak quartz druses.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
685	10.5	13	27	454	379

6327 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and maroon. Strong gossan and black oxidation on weathered surface. Fine-grained with 5% silicified pink red clasts $\leq$2mm. Fractured with gouge along certain fractured surfaces. Chloritic and clay alteration locally on fracture surfaces. 5% pyrite as very fine to fine disseminated crystals and in gouge.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
365	7.0	11	125	193	369

6328 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from outcrop. Purple to maroon, fine volcanic breccia. Strong oxidation and fracturing. Trace pyrite.

Au	Ag	As	Cu	Pb	Zn
ppb	ppm	ppm	ppm	ppm	ppm
9	0.6	15	55	32	170

6329 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and pale maroon. Weathered surface gossan stained. Fine-grained. Strong pervasive silicification. 5-10% carbonate as <<1mm veinlets and lenses up to 4mm. Broken, fractured with minor gouge. Slickensides on fracture surface. 10% pyrite occurring mainly as fine-2mm cubes. Gouge composed of 30% very fine pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
285	2.3	5	61	165	736

6330 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and maroon. Strong gossan coating. Fine-grained. Fractures occurring at 1-2cm intervals. Gouge on fracture surfaces. Trace vugs along fractures. 15-20%, <1-3mm, crystals disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
115	3.0	3	31	87	167

6331 LOCATION: SNOW 3 ROCK TYPE: FAULT GOUGE

Grab from outcrop. Green, weathering black green. Gossan stained. Fine-grained. Strongly fractured with 30% clay and chlorite. Trace very fine disseminated pyrite. 70% of sample composed of pale grey and rusty gouge with 1-3% very fine to fine disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
385	10.5	6	42	194	3500 0.43%

6332 LOCATION: SNOW 3 ROCK TYPE: GRANODIORITE

Grab from outcrop. Pale grey green, k-feldspar porphyritic granodiorite. Very strong gossan and black oxidation on weathered surface. 25% K-feldspar, <1-4mm; 15% biotite <1-3mm; 30% quartz; 5% carbonate, 5-10% hornblende, ≤1mm. Vuggy, slightly fractured.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
49	2.1	7	17	94	310

6333 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Green and maroon. Strong gossan coating and black oxidation on weathered surface. Fine-grained, massive. 15% carbonate occurring as <<1-2mm veinlets and clasts up to 2cm. Fractured and slightly vuggy. 3-5% very fine to fine disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
69	2.1	7	33	269	403

6334-6341 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Chip samples across intensely fractured and oxidized, grey-green to maroon, fine breccia. 3% fine disseminated pyrite throughout. 1-2cm quartz-carbonate veins locally with up to 50% pyrite, 3% sphalerite, trace malachite and azurite.

SAMPLE	FROM	TO	LENGTH	Au	Ag	As	Cu	Pb	Zn
6334	0.0	2.0	2.0	122	3.3	5	81	87	154
6335	2.0	5.0	3.0	54	2.6	4	542	27	187
6336	5.0	8.0	3.0	67	6.1	4	585	24	228
6337	8.0	11.0	3.0	235	2.8	2	226	34	209
6338	11.0	13.0	2.0	395	13.9	5	37	59	93
6321	13.0	14.0	1.0	625	12.3	7	210	207	856
6339	14.0	19.0	5.0	255	3.9	9	114	145	235
6340	19.0	24.0	5.0	215	3.4	5	136	96	252
6341	24.0	27.0	3.0	375	6.8	14	27	244	167

6342 LOCATION: SNOW 3 ROCK TYPE: QUARTZ VEIN

Grab from local float. 3cm drusy quartz vein. 15% medium crystalline pyrite. Rusty weathered surface. 30% open vugs.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
1595	28.0	27	15	24	141
1.54g/t	29.5g/t				

6343 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from local float. Green to dark green fine breccia. Moderately chloritized. Up to 20% very fine disseminated pyrite. Rusty fractures and weathered surfaces.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
84	2.2	87	97	159	262

6344-6346 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

1.0m chip samples across strongly fractured and faulted, strongly oxidized, green to maroon fine breccia. Trace-1% fine disseminated pyrite throughout.

	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
6344	129	3.6	5	37	131	406
6345	1	0.1	2	26	22	436
6346	45	1.7	2	39	128	282

6347 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

1.5m chip sample across strongly fractured and oxidized, grey to maroon fine breccia. Trace-1% fine disseminated pyrite throughout. Includes 3cm fault gouge interval with 50% pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
425	7.0	26	17	82	508

6348 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from outcrop. Green to dark green, fine breccia. Weakly chloritized. Weak to moderate malachite stain. Trace pyrite. Moderately rusty weathered surfaces.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
36	21.4 22.6g/t	8	18399 1.71%	3715 0.40%	329

6349 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from outcrop. Dark grey fine breccia. Strong oxidation on fractures and weathered surfaces. Moderate malachite staining, trace pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
136	12.7	2	5247 0.59%	2	221

6350 LOCATION: SNOW 3 ROCK TYPE: ALTERED BRECCIA

Grab from outcrop. Intensely silicified (50% quartz), green and maroon, fine breccia. Quartz is locally drusy. 5% pyrite, strong association with quartz. Extremely oxidized weathered surface exhibiting fine boxwork texture.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
765	9.0	32	76	107	164

6351 LOCATION: SNOW 3 ROCK TYPE: TUFF

Grab from outcrop. Maroon with black oxidation on few surfaces. Fine-grained. Massive. 10% carbonate infilling spaces. Slightly vuggy, fractured. 5% malachite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
54	35.4 38.7g/t	2	7970 0.89%	9	56

6352 LOCATION: SNOW 3 ROCK TYPE: FAULT BRECCIA

Grab from outcrop. Dark grey locally green and maroon rhyolite. Weathered surface has weak to moderate gossan. Very fine- grained. Grey, green and maroon tuffaceous clasts up to 7mm in a grey siliceous matrix. Very strong pervasive silicification. 1-5% quartz veinlets. Fractured and slightly vuggy. Trace-1% malachite, 1% fine disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
34	1.5	3	26	42	67

6353 LOCATION: SNOW 3 ROCK TYPE: RHYOLITE

Grab from outcrop. Pale grey to dark grey with moderate gossan staining. Fine-grained. Locally brecciated with clasts 1-3mm in a siliceous matrix. Gritty gouge on some surfaces. 10% carbonate intermixed with gossan. Fractured and vuggy. 5%, <<1-1.5mm, disseminated pyrite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
250	17.3	14	545	51	92

6401 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from outcrop. Mottled green and maroon, fine breccia cut by 1cm quartz vein containing 30% pyrite. Sample is 20% vein and 80% host rock. 10% pyrite overall.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
390	14.8	2	937	4	71

6402 LOCATION: SNOW 3 ROCK TYPE: VOLCANIC BRECCIA

Grab from outcrop. Mottled green and maroon fine breccia. Strongly fractured and sheared (slickensides). 20% pyrite, disseminated, fracture fill and coating slickensides.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
5580 6.34g/t	47.7 56.6g/t	26	46	163	1472 0.19%

6403 LOCATION: SNOW 3 ROCK TYPE: RHYOLITE

Grab from outcrop. Pale grey, aphanitic rhyolite. Abundant rusty fractures. 10% pyrite finely disseminated and fracture filling. Rusty weathered surface.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
930	23.2 27.4g/t	4	58	686	2648 0.34%

6404 LOCATION: SNOW 3 ROCK TYPE: RHYOLITE

Grab from outcrop. Medium grey, aphanitic rhyolite. Moderately brecciated. 3% combined pyrite and chalcopyrite, trace malachite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
89	1.7	2	630	9	21

6405 LOCATION: SNOW 2 ROCK TYPE: RHYOLITE

Grab from outcrop. Pale grey to grey, aphanitic rhyolite. 1-2% very fine disseminated pyrite. Rusty fractures and weathered surfaces.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
3	0.3	93	4	14	19

6406 LOCATION: SNOW 2 ROCK TYPE: QUARTZ BRECCIA VEIN

Grab from outcrop. 1m wide quartz breccia vein. Vein includes up to 20% 1-5cm fragments of host rhyolite. Abundant drusy quartz-lined cavities. Trace-1% chalcopyrite throughout, trace malachite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
240	3.3	8	1487 0.16%	48	17

6407 LOCATION: SNOW 2 ROCK TYPE: QUARTZ BRECCIA VEIN

Grab from outcrop. As 6406 with less chalcopyrite and malachite.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
151	2.7	16	1157	38	24

6408 LOCATION: SNOW 1 ROCK TYPE: ALTERED VOLCANIC

Grab from outcrop. Pale grey-green, fine-grained tuff(?). Appears bleached. 1-2% very fine disseminated pyrite. Strong rusty oxidation.

Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
13	0.4	31	15	18	45

APPENDIX III

ANALYTICAL CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 18 1988 DATE REPORT MAILED: July 27/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD PROJECT 419 File # 88-2815 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
23+00N 81+75E	1	25	24	142	.5	10	11	669	5.44	16	5	ND	1	22	1	2	2	76	.15	.066	11	19	.58	187	.05	2	2.51	.03	.05	1	2
23+00N 82+00E	1	64	25	250	1.7	10	7	3345	3.63	16	5	ND	1	79	1	2	2	57	.83	.094	22	17	.57	330	.02	2	2.15	.04	.06	1	3
23+00N 82+50E	1	6	10	36	.1	2	2	220	4.54	5	6	ND	1	8	1	2	3	68	.05	.011	13	10	.06	39	.04	3	.70	.02	.02	2	1
23+00N 82+75E	1	14	8	30	1.8	2	2	147	2.34	6	5	ND	1	36	1	2	2	38	.37	.029	14	8	.09	202	.02	5	.81	.02	.03	1	3
23+00N 83+00E	1	4	6	20	.3	1	1	106	2.61	8	5	ND	1	30	1	2	3	52	.39	.016	10	6	.11	216	.04	4	.65	.02	.05	1	1
23+00N 83+25E	1	9	15	73	1.6	4	4	691	4.75	12	6	ND	1	11	1	2	3	74	.04	.057	11	12	.28	80	.03	2	2.59	.03	.03	1	1
23+00N 83+50E	1	11	22	79	.8	5	5	700	7.38	16	7	ND	1	8	1	2	2	87	.03	.094	9	16	.35	57	.03	2	2.60	.05	.04	1	2
23+00N 83+75E	1	15	17	77	.5	8	6	550	7.59	17	5	ND	1	10	1	2	3	99	.03	.086	6	20	.41	75	.03	2	2.26	.05	.04	1	1
23+00N 84+00E	1	23	14	75	1.6	11	6	597	7.37	21	8	ND	2	25	1	2	2	87	.08	.072	5	31	.46	86	.07	2	4.16	.02	.04	1	1
23+00N 84+25E	1	16	13	56	.1	9	5	651	5.79	17	5	ND	1	20	1	3	2	67	.09	.085	6	23	.38	100	.04	3	2.95	.05	.02	1	1
23+00N 84+50E	1	19	16	73	.5	8	5	2489	4.56	18	5	ND	1	21	1	2	2	65	.06	.115	7	21	.31	104	.03	4	2.92	.04	.05	1	1
23+00N 84+75E	1	43	18	194	2.6	12	11	2335	4.71	6	5	ND	1	16	1	2	2	60	.22	.152	14	25	.43	185	.02	2	4.93	.03	.05	1	4
23+00N 85+00EBL	1	19	17	56	.1	9	4	407	6.13	11	5	ND	1	13	1	2	2	102	.04	.055	12	24	.28	66	.04	2	2.02	.03	.04	1	1
23+00N 85+25E	2	32	22	62	.4	6	5	531	7.42	15	5	ND	1	13	1	2	2	144	.05	.054	9	18	.27	78	.08	4	1.80	.02	.05	1	3
23+00N 85+50E	2	7	17	50	.2	5	4	330	4.39	8	5	ND	1	45	1	2	2	87	.44	.031	8	14	.33	229	.02	3	1.72	.01	.04	1	1
23+00N 85+75E	1	16	12	33	.1	4	2	217	4.23	10	5	ND	1	10	1	2	2	79	.06	.052	8	12	.13	63	.03	5	.98	.04	.04	1	1
23+00N 86+00E	1	8	16	46	.1	4	3	309	4.80	12	5	ND	1	38	1	2	2	89	.42	.026	9	16	.17	105	.04	3	1.16	.03	.03	2	1
23+00N 86+25E	1	10	14	43	.5	6	3	372	3.80	8	5	ND	1	37	1	2	3	61	.36	.046	7	14	.14	123	.04	4	.94	.03	.05	1	2
23+00N 86+50E	2	16	15	48	.3	7	4	349	7.11	14	6	ND	1	15	1	2	3	116	.05	.045	6	24	.19	67	.08	2	1.91	.03	.04	1	7
22+00N 81+50E	2	15	25	55	.5	7	4	355	7.66	17	7	ND	2	9	1	2	2	121	.05	.102	8	24	.35	56	.09	2	2.39	.02	.04	1	12
22+00N 81+75E	1	144	48	355	.6	9	7	1234	2.74	7	5	ND	1	50	3	2	2	46	.53	.078	27	11	.63	230	.01	4	2.31	.02	.07	1	3
22+00N 82+00E	1	22	33	64	1.4	5	4	284	6.35	11	5	ND	1	10	1	2	2	88	.05	.041	9	18	.35	62	.04	5	2.11	.03	.04	1	4
22+00N 82+25E	1	9	26	41	.4	3	2	266	4.56	10	5	ND	1	8	1	3	3	78	.05	.051	11	12	.17	61	.04	3	1.63	.03	.03	2	4
22+00N 82+50E	1	15	23	64	.8	5	4	339	5.97	9	5	ND	1	9	1	2	2	92	.04	.060	10	14	.35	48	.04	2	1.84	.03	.04	1	5
22+00N 82+75E	1	16	36	54	.4	3	3	398	5.13	16	8	ND	1	5	1	2	2	60	.02	.079	12	9	.20	64	.02	9	3.74	.05	.05	1	2
22+00N 83+00E	1	20	36	73	.8	7	5	422	6.61	16	5	ND	1	9	1	2	2	81	.04	.109	8	19	.40	55	.04	2	3.16	.01	.04	1	1
22+00N 83+25E	1	91	58	138	1.3	4	6	1040	6.81	18	5	ND	2	4	1	2	2	97	.02	.103	10	12	.54	49	.01	2	3.97	.03	.04	1	1
22+00N 83+50E	1	22	30	75	.7	6	4	618	5.01	11	5	ND	2	9	1	2	2	81	.03	.140	10	16	.33	55	.03	4	2.42	.02	.06	1	3
22+00N 83+75E	1	21	266	129	2.0	8	6	461	6.26	16	6	ND	2	14	1	2	2	86	.05	.050	9	21	.62	108	.04	2	4.54	.02	.04	1	30
22+00N 84+00E	1	50	117	106	1.1	3	5	656	7.29	12	5	ND	1	7	1	2	2	96	.03	.066	13	10	.28	52	.02	2	2.45	.02	.06	1	1
22+00N 84+25E	1	30	28	54	.9	4	3	387	4.79	11	5	ND	1	11	1	2	2	73	.04	.033	12	11	.16	60	.03	6	2.29	.02	.04	2	1
22+00N 84+50E	2	24	17	83	1.5	8	6	602	9.56	19	8	ND	1	14	1	2	2	111	.04	.080	7	23	.39	67	.05	2	2.53	.04	.04	1	2
22+00N 84+75E	1	21	24	90	.7	15	8	1055	6.88	16	5	ND	1	13	1	2	2	100	.09	.090	6	34	.53	76	.06	3	2.94	.02	.05	1	45
22+00N 85+00E	1	13	69	91	.8	5	5	1176	5.51	28	5	ND	1	9	1	2	2	64	.03	.066	11	11	.34	66	.02	3	2.51	.03	.07	1	14
22+00N 85+25E	1	10	53	145	1.1	4	7	1248	5.60	16	6	ND	1	3	1	2	2	53	.03	.212	14	9	.45	63	.01	6	2.73	.05	.04	1	3
22+00N 85+50E	1	12	21	56	.5	5	4	430	4.57	5	5	ND	1	15	1	2	2	89	.05	.041	10	16	.20	96	.07	3	1.31	.01	.05	1	1
STD C/AU-S	17	58	39	132	6.7	68	28	1050	4.10	42	22	7	36	67	17	18	18	56	.50	.088	38	55	.93	174	.06	39	1.97	.08	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
22+00N 85+75E	1	18	16	66	.5	9	5	364	5.50	18	5	ND	2	20	1	2	2	90	.08	.025	9	17	.34	100	.05	3	1.53	.01	.06	1	1
22+00N 86+00E	1	8	6	23	.4	1	2	185	1.91	4	9	ND	1	13	1	2	2	25	.09	.016	32	5	.05	55	.01	3	.74	.02	.04	1	46
22+00N 86+25E	1	12	10	30	.5	4	4	2677	2.61	4	5	ND	1	14	1	2	2	58	.11	.020	14	12	.12	94	.03	2	1.08	.01	.04	1	1
22+00N 86+50E	1	10	9	34	.4	4	2	357	2.43	6	5	ND	1	9	1	2	2	44	.04	.033	28	9	.13	41	.02	4	1.09	.02	.04	2	3
21+00N 81+25E	1	44	19	106	.5	10	7	449	3.73	2	5	ND	1	35	1	2	3	77	.33	.056	11	16	.85	134	.10	3	1.62	.01	.09	3	11
21+00N 81+75E	1	28	37	80	2.2	8	5	414	8.80	13	5	ND	3	12	1	2	2	113	.06	.047	9	24	.48	71	.08	2	3.14	.01	.04	1	1
21+00N 82+00E	1	8	13	18	.8	3	1	81	1.79	2	5	ND	1	10	1	2	3	49	.05	.019	11	6	.09	43	.04	4	1.17	.01	.06	1	3
21+00N 82+25E	1	20	28	51	1.8	4	3	349	6.13	8	5	ND	2	9	1	3	2	129	.04	.037	10	15	.21	58	.07	3	2.14	.01	.06	1	1
21+00N 82+50E	1	14	22	41	1.1	3	3	280	6.42	7	5	ND	2	10	1	2	2	99	.06	.082	8	17	.25	40	.10	2	1.79	.01	.05	2	1
21+00N 82+50EA	1	21	20	43	1.8	4	3	254	4.53	6	5	ND	1	11	1	2	2	85	.04	.045	10	12	.21	61	.04	3	1.90	.01	.05	1	1
21+00N 82+75E	1	50	41	170	2.0	7	5	483	4.77	15	5	ND	1	23	1	2	3	73	.12	.060	14	20	.42	105	.03	3	2.66	.02	.05	1	2
21+00N 83+00E	1	27	35	95	.9	11	8	1237	9.40	2	5	ND	2	13	1	2	2	167	.04	.050	8	46	.55	94	.12	2	3.39	.01	.05	1	1
21+00N 83+25E	1	28	61	107	.8	8	7	1425	7.02	5	5	ND	1	11	1	2	2	100	.06	.126	8	20	.54	71	.05	2	3.57	.01	.05	1	1
21+00N 83+50E	1	17	41	84	1.0	8	6	825	8.21	11	5	ND	1	14	1	2	2	109	.05	.122	8	21	.44	54	.06	3	2.34	.01	.05	1	1
21+00N 83+75E	1	71	52	152	.9	8	7	1197	6.61	9	5	ND	1	11	1	2	2	88	.04	.101	11	16	.65	78	.03	2	3.19	.01	.05	1	1
21+00N 84+00E	1	20	38	76	1.5	5	5	1700	5.21	9	5	ND	2	12	1	2	3	84	.03	.085	12	14	.27	62	.03	2	2.21	.01	.05	1	7
21+00N 84+25E	1	19	58	92	1.5	5	6	1425	6.27	10	5	ND	1	14	1	2	2	82	.07	.071	10	14	.33	63	.03	2	2.30	.01	.04	1	1
21+00N 84+50E	2	76	10	407	.8	7	4	893	4.47	9	5	ND	1	56	1	2	2	84	.36	.036	7	22	.27	169	.05	4	1.64	.03	.06	1	2
21+00N 84+75E	3	33	33	153	2.6	10	6	471	10.72	9	5	ND	2	18	1	2	2	100	.06	.052	7	36	.51	82	.06	7	3.93	.01	.03	1	1
21+00N 85+00E	1	40	11	41	4.5	2	2	104	4.18	8	5	ND	1	10	1	2	2	85	.04	.021	13	9	.11	48	.04	8	1.32	.02	.03	1	1
21+00N 85+25E	1	18	17	73	.6	9	6	738	7.02	9	5	ND	1	20	1	2	2	125	.04	.059	6	26	.35	87	.10	4	2.04	.01	.04	1	1
21+00N 85+50E	2	27	28	70	1.4	13	7	490	9.02	14	5	ND	1	27	1	2	2	84	.11	.066	6	40	.45	94	.08	8	4.84	.01	.04	1	1
21+00N 85+75E	1	37	126	151	1.3	10	9	1217	4.03	27	8	ND	1	42	1	2	2	62	.26	.044	35	22	.41	180	.01	3	3.36	.01	.08	1	22
21+00N 86+00E	2	20	21	87	.3	5	4	328	3.58	11	5	ND	1	24	1	2	2	93	.19	.022	16	12	.31	139	.01	2	1.85	.01	.03	1	5
21+00N 86+25E	1	39	26	189	.4	15	11	1465	4.21	13	5	ND	1	29	1	2	2	74	.41	.048	14	14	1.09	168	.02	4	3.04	.01	.08	1	1
20+00N 81+50E	1	27	11	76	.5	7	6	312	3.34	5	5	ND	1	31	1	2	2	73	.30	.056	9	12	.66	100	.10	3	1.36	.01	.05	3	1
20+00N 81+75E	2	101	31	414	.9	10	8	684	4.49	9	5	ND	1	31	2	3	2	68	.17	.041	25	22	.63	127	.05	6	2.76	.01	.07	1	4
20+00N 82+00E	3	88	32	382	.8	9	9	3450	3.52	9	5	ND	1	76	4	2	2	52	.56	.078	17	16	.58	167	.02	4	2.15	.01	.06	1	1
20+00N 82+25E	2	33	23	106	2.2	8	5	337	4.63	7	5	ND	1	52	1	3	2	67	.37	.034	10	16	.50	83	.05	2	2.33	.02	.03	1	3
20+00N 82+50E	3	63	28	228	1.5	14	9	1919	4.41	12	5	ND	1	58	1	2	2	62	.39	.069	24	23	.76	124	.03	4	3.00	.02	.08	1	5
20+00N 82+75E	1	23	36	116	1.0	6	5	470	4.77	10	5	ND	1	60	1	2	2	58	.44	.066	12	13	.51	119	.04	3	3.35	.01	.05	1	1
20+00N 83+00E	2	24	30	92	.9	8	6	466	6.87	13	5	ND	1	12	1	2	2	100	.04	.042	11	17	.51	91	.05	5	2.45	.01	.05	1	1
20+00N 83+25E	2	14	28	53	1.3	3	3	318	5.52	6	5	ND	1	10	1	2	2	87	.03	.037	11	10	.19	86	.05	3	2.29	.01	.04	2	1
20+00N 83+50E	1	10	24	49	.9	5	3	248	4.40	7	5	ND	1	15	1	2	2	79	.05	.021	10	14	.26	66	.06	2	1.91	.01	.03	1	1
20+00N 83+75E	1	18	35	88	1.3	7	6	488	6.56	10	5	ND	1	14	1	2	2	85	.03	.047	8	19	.42	79	.04	2	3.21	.01	.03	1	8
20+00N 84+00E	2	15	23	69	.9	7	5	448	6.00	12	5	ND	1	18	1	2	2	99	.03	.051	8	19	.29	89	.06	5	2.45	.01	.04	1	1
STD C/AU-S	18	58	39	132	6.8	68	28	1056	4.00	39	18	6	36	47	17	16	20	56	.49	.088	37	55	.91	175	.06	38	1.91	.06	.14	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
20+00N 84+25E	2	25	27	86	1.1	12	7	493	6.61	23	5	ND	1	19	1	2	2	92	.06	.059	6	25	.61	118	.06	2	2.69	.04	.05	1	1
20+00N 84+50E	2	17	43	126	.1	6	8	604	6.04	24	5	ND	1	36	1	3	3	87	.26	.032	15	19	.55	109	.02	5	3.22	.01	.04	2	2
20+00N 84+75E	3	38	73	270	.9	15	10	743	6.70	29	5	ND	2	29	1	2	3	83	.08	.039	9	32	.62	103	.03	3	3.35	.01	.04	1	1
20+00N 85+00EBL	2	28	22	82	.4	15	8	532	7.68	23	6	ND	3	16	1	2	2	98	.04	.033	5	30	.53	79	.04	2	2.91	.01	.05	1	1
20+00N 85+25E	3	18	24	145	.7	9	5	309	6.00	24	5	ND	1	41	1	2	3	103	.13	.061	5	23	.36	127	.07	4	1.56	.01	.04	1	1
20+00N 85+75E	2	17	44	89	.7	8	5	350	7.46	17	5	ND	1	35	1	2	2	99	.06	.025	9	23	.35	81	.10	2	2.44	.01	.03	1	4
20+00N 86+00E	1	14	16	105	1.9	9	6	414	5.86	22	5	ND	1	163	1	2	2	85	2.18	.047	6	23	.52	215	.06	2	2.73	.02	.04	1	1
20+00N 86+25E	1	10	8	48	.3	6	3	272	3.35	4	5	ND	1	89	1	2	2	65	.87	.019	7	15	.22	137	.07	2	.96	.03	.03	2	1
20+00N 86+50E	1	19	15	114	.5	13	10	1162	7.35	20	5	ND	1	37	1	2	3	106	.06	.105	6	27	.59	109	.09	2	2.60	.01	.04	1	22
19+00N 81+50E	1	17	20	61	.5	7	5	361	4.55	13	5	ND	2	11	1	2	2	85	.09	.116	7	19	.40	56	.07	2	2.55	.03	.04	2	6
19+00N 81+75E	1	7	14	32	.1	3	2	185	3.90	10	5	ND	1	9	1	2	2	114	.04	.030	10	12	.14	41	.10	3	1.16	.01	.03	1	5
19+00N 82+00E	2	12	19	22	1.6	4	1	91	3.19	9	5	ND	1	10	1	3	2	82	.04	.027	10	12	.09	74	.07	4	1.37	.03	.04	2	37
19+00N 82+25E	2	81	13	101	.3	4	3	389	2.19	3	5	ND	1	57	1	2	2	41	.24	.017	12	9	.32	108	.03	2	1.49	.02	.05	2	4
19+00N 82+50E	2	196	54	150	1.5	9	6	461	6.57	20	5	ND	3	10	1	2	2	72	.05	.043	10	17	.62	86	.03	3	5.02	.01	.06	1	76
19+00N 83+00E	2	62	38	146	1.2	9	10	1198	4.78	11	5	ND	1	15	1	2	2	64	.10	.077	11	16	.70	81	.04	5	2.94	.02	.07	1	7
19+00N 83+25E	2	20	26	59	1.4	5	3	327	5.39	10	5	ND	1	29	1	2	2	87	.07	.022	8	13	.23	131	.06	6	1.66	.03	.04	1	3
19+00N 83+50E	3	46	88	140	1.9	7	6	753	8.97	52	6	ND	1	15	1	2	2	89	.07	.113	7	14	.48	92	.03	6	2.31	.01	.04	1	26
19+00N 83+75E	2	40	45	102	1.6	7	5	551	7.11	27	6	ND	1	9	1	2	3	79	.04	.050	11	14	.44	82	.02	2	3.30	.01	.04	1	10
19+00N 84+00E	2	44	66	138	1.1	8	6	736	6.77	26	5	ND	2	13	1	2	2	76	.05	.049	8	21	.69	78	.04	2	3.55	.01	.05	1	6
19+00N 84+25E	2	33	32	85	.9	4	3	491	8.31	132	7	ND	1	6	1	2	2	117	.02	.040	13	9	.32	50	.03	2	2.84	.01	.04	2	2
19+00N 84+50E	4	38	41	111	.5	7	5	421	7.21	16	6	ND	1	27	1	3	2	93	.08	.040	10	19	.38	85	.05	2	1.87	.02	.04	2	2
19+00N 84+75E	4	27	52	137	2.0	10	6	334	6.72	19	5	ND	1	97	2	2	2	90	.42	.045	9	22	.44	135	.05	2	2.79	.01	.05	1	4
19+00N 85+00EBL	3	28	70	107	.6	4	4	778	6.58	11	5	ND	1	19	1	2	2	76	.10	.043	14	11	.24	87	.03	2	1.29	.01	.05	2	1
19+00N 85+50E	3	32	168	460	1.4	3	8	1394	3.98	24	5	ND	1	152	2	2	2	46	1.19	.054	48	16	.35	138	.01	2	1.73	.02	.04	1	4
19+00N 85+75E	2	27	14	102	.5	18	11	788	8.17	31	5	ND	2	44	1	3	2	120	.10	.081	5	44	.70	168	.15	7	4.41	.03	.03	1	1
19+00N 86+00E	4	28	12	115	.7	13	9	1119	5.63	20	5	ND	1	61	1	2	2	89	.17	.066	16	35	.54	97	.07	7	2.97	.01	.03	1	1
19+00N 86+25E	1	29	13	80	.6	13	7	445	5.72	17	5	ND	1	43	1	2	2	67	.16	.069	5	35	.48	108	.07	3	4.34	.02	.03	1	1
19+00N 86+50E	4	64	19	489	4.6	15	9	2063	4.34	24	5	ND	1	138	4	3	2	66	1.09	.153	31	35	.55	307	.03	4	3.56	.04	.05	1	5
18+00N 81+75E	1	27	39	120	1.3	7	5	395	4.86	11	5	ND	2	20	1	2	2	57	.16	.095	9	15	.47	85	.08	6	4.46	.01	.04	2	6
18+00N 82+00E	2	27	47	94	.8	4	4	442	7.06	22	7	ND	4	9	1	2	2	63	.05	.081	10	15	.32	56	.07	2	5.79	.03	.03	1	25
18+00N 82+25E	2	25	33	88	.7	7	5	337	6.25	16	5	ND	2	12	1	2	2	85	.07	.047	8	19	.47	56	.07	2	3.48	.02	.03	1	12
18+00N 82+50E	2	22	33	160	1.6	5	8	1438	2.73	12	5	ND	1	47	1	2	2	52	.32	.074	26	13	.42	185	.02	4	1.99	.01	.07	1	28
18+00N 82+75E	4	35	44	287	1.8	5	6	766	3.95	12	8	ND	1	28	1	3	2	54	.15	.053	47	17	.42	114	.02	6	2.98	.01	.04	1	4
18+00N 83+00E	6	53	43	430	2.5	8	7	1036	3.04	8	15	ND	1	23	1	2	2	48	.12	.082	53	23	.48	120	.02	2	4.28	.01	.05	1	10
18+00N 83+25E	2	27	24	102	1.2	8	6	836	3.35	7	5	ND	1	35	1	2	2	54	.26	.046	15	15	.52	87	.04	3	2.25	.01	.05	2	4
18+00N 83+50E	1	33	25	136	1.5	12	7	363	2.24	3	5	ND	1	34	1	2	2	39	.29	.053	14	16	.74	116	.06	7	2.56	.04	.08	1	6
STD C/AU-S	17	58	38	132	6.8	67	28	1049	4.07	39	22	7	36	47	17	16	19	55	.50	.088	38	56	.92	175	.06	38	2.01	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
18+00N 83+75E	1	60	27	98	.7	10	7	377	5.50	3	7	ND	2	22	1	4	2	80	.23	.044	8	21	.79	75	.13	2	4.58	.02	.08	1	1
18+00N 84+00E	2	17	32	160	1.2	3	3	895	2.00	2	5	ND	1	29	1	2	2	35	.17	.059	21	8	.23	110	.01	3	1.78	.02	.06	1	1
18+00N 84+25E	3	21	63	56	.9	3	3	432	4.85	13	5	ND	1	18	1	4	2	50	.16	.091	9	12	.16	104	.02	6	3.32	.01	.04	1	1
18+00N 84+50E	2	54	36	107	.4	5	4	302	6.25	15	5	ND	1	13	1	2	2	97	.10	.052	9	13	.29	86	.05	2	2.32	.01	.04	1	1
18+00N 84+75E	2	15	24	101	2.2	2	2	347	3.69	8	5	ND	1	107	1	2	2	65	.74	.042	21	8	.17	119	.02	2	2.01	.03	.04	1	1
18+00N 85+00E	1	26	98	289	1.8	4	7	797	4.42	8	6	ND	1	14	1	2	2	47	.05	.076	31	9	.36	201	.01	2	2.97	.01	.07	1	3
18+00N 85+25E	1	5	24	64	.4	4	3	254	6.22	3	5	ND	3	8	1	2	2	80	.02	.022	9	11	.30	77	.04	2	3.67	.03	.05	1	1
18+00N 85+50E	1	12	30	103	1.2	7	5	592	5.09	19	5	ND	1	12	1	3	2	66	.05	.077	14	13	.42	56	.04	2	2.24	.01	.06	1	19
18+00N 85+75E	6	33	27	214	1.8	8	6	1565	4.74	11	5	ND	1	71	1	2	2	69	.35	.054	13	27	.36	132	.04	5	2.81	.01	.07	1	1
18+00N 86+00E	3	17	21	75	.4	5	4	478	4.40	8	5	ND	1	61	1	2	2	60	.27	.048	17	14	.29	88	.03	3	1.66	.02	.03	1	1
18+00N 86+25E	2	16	26	80	.1	6	6	1209	6.38	11	5	ND	1	19	1	3	2	77	.06	.114	13	14	.30	118	.03	4	1.85	.02	.04	1	1
18+00N 86+50E	2	12	18	106	.8	8	7	4926	5.40	12	5	ND	1	84	1	2	2	99	.36	.043	9	25	.31	142	.08	3	1.59	.01	.04	1	4
18+00N 86+75E	6	35	24	456	1.4	18	13	2707	5.05	32	8	ND	1	55	3	4	2	69	.21	.124	35	33	.73	165	.03	3	4.09	.02	.05	1	1
17+00N 81+75E	1	47	30	84	1.2	6	5	393	4.92	12	5	ND	1	12	1	3	3	75	.11	.058	9	15	.45	67	.06	2	2.92	.02	.05	1	33
17+00N 82+00E	1	23	36	51	1.5	4	4	375	6.13	6	5	ND	2	6	1	2	2	101	.06	.064	11	13	.24	56	.06	3	3.35	.03	.05	1	61
17+00N 82+25E	2	87	48	169	3.5	8	7	431	6.29	9	5	ND	2	11	1	3	2	87	.11	.121	12	21	.54	83	.05	6	5.16	.03	.05	1	42
17+00N 82+50E	1	86	65	171	2.3	14	9	662	5.17	18	5	ND	1	14	1	2	2	79	.19	.087	15	27	.99	102	.02	6	2.81	.01	.07	1	63
17+00N 82+75E	2	27	48	76	.7	5	5	493	8.79	9	5	ND	2	7	1	3	2	108	.05	.051	8	21	.42	47	.09	6	3.65	.01	.04	1	47
17+00N 83+00E	1	44	42	101	2.4	7	5	372	8.90	6	5	ND	3	8	1	3	3	120	.05	.039	9	22	.46	56	.08	2	4.49	.02	.03	1	31
17+00N 83+25E	1	22	25	74	.9	6	4	376	6.78	6	5	ND	1	11	1	3	2	89	.06	.066	8	13	.37	85	.05	3	1.78	.01	.04	1	3
17+00N 83+50E	2	37	39	93	1.2	8	5	423	7.52	8	5	ND	3	10	1	3	4	104	.08	.065	10	18	.48	61	.08	2	2.61	.02	.06	1	11
17+00N 83+75E	2	30	31	68	2.0	5	4	236	5.85	12	5	ND	2	9	1	3	2	82	.06	.032	9	19	.36	44	.08	11	3.99	.01	.04	1	4
17+00N 84+00E	1	20	29	45	.8	5	3	173	5.68	3	5	ND	1	10	1	2	3	102	.09	.073	10	16	.20	66	.10	2	3.26	.02	.03	2	1
17+00N 84+25E	1	17	21	54	.7	4	3	225	3.02	6	5	ND	1	21	1	4	2	60	.17	.027	11	11	.28	74	.08	2	1.13	.01	.06	3	8
17+00N 84+50E	2	38	40	120	.5	7	5	366	6.56	6	5	ND	2	9	1	3	2	78	.08	.046	10	19	.55	63	.08	2	4.01	.03	.06	1	1
17+00N 84+75E	1	22	30	82	.6	6	3	250	4.64	3	5	ND	1	11	1	3	2	80	.05	.035	12	30	.26	54	.04	2	2.22	.01	.04	1	3
17+00N 85+00E	1	15	32	64	1.1	6	4	381	7.84	9	5	ND	1	17	1	2	2	98	.04	.071	10	22	.29	73	.07	2	2.43	.03	.04	1	1
17+00N 85+25E	2	19	45	122	.9	3	4	586	7.94	15	5	ND	1	12	1	2	2	78	.07	.093	15	12	.33	117	.04	3	2.60	.01	.06	1	21
17+00N 85+50E	1	35	43	166	1.6	6	5	944	3.92	8	5	ND	1	12	1	2	2	44	.12	.101	12	12	.55	92	.03	2	3.60	.01	.07	1	10
17+00N 85+75E	1	17	38	81	.8	8	5	409	6.84	16	5	ND	1	20	1	2	2	69	.05	.043	8	22	.41	80	.05	2	3.86	.02	.04	1	37
17+00N 86+00E	1	32	27	166	1.9	4	6	2711	6.96	14	5	ND	1	7	1	2	2	27	.05	.101	18	8	.51	70	.01	3	3.45	.03	.05	1	12
17+00N 86+25E	1	25	34	117	1.0	6	6	1166	6.62	18	5	ND	1	13	1	3	2	55	.06	.166	13	15	.46	78	.03	4	3.03	.05	.05	1	9
17+00N 86+50E	1	21	23	90	1.2	13	7	401	6.42	12	5	ND	1	34	1	2	4	96	.10	.109	6	29	.58	102	.07	4	3.84	.01	.05	1	1
17+00N 86+75E	1	23	31	81	1.8	9	6	548	7.81	22	5	ND	1	26	1	3	2	116	.11	.079	7	29	.38	134	.10	2	3.06	.02	.05	1	3
16+00N 82+00E	2	11	17	41	1.2	4	3	216	4.86	5	5	ND	1	11	1	3	2	128	.06	.070	8	17	.22	61	.09	5	1.76	.03	.04	3	1
16+00N 82+25E	1	12	22	40	.5	5	3	214	8.81	2	5	ND	2	9	1	2	2	171	.10	.046	7	23	.23	51	.12	3	2.39	.02	.03	2	1
STD C/AU-S	17	58	39	132	6.8	67	28	1049	4.11	37	22	6	36	47	17	18	21	56	.49	.089	38	56	.92	175	.06	39	1.93	.08	.13	13	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
16+00N 82+50E	2	12	23	35	.5	6	2	166	6.43	6	5	ND	1	14	1	2	2	160	.10	.041	8	21	.18	67	.16	5	1.57	.06	.04	1	8
16+00N 82+75E	1	11	18	50	1.5	5	3	357	3.90	2	5	ND	1	18	1	2	2	70	.14	.020	10	12	.35	71	.10	11	1.43	.03	.05	1	1
16+00N 83+00E	1	24	21	47	.8	6	3	349	5.70	2	5	ND	1	10	1	2	2	91	.10	.040	10	18	.27	59	.09	5	2.68	.01	.05	1	1
16+00N 83+25E	3	44	36	95	1.2	8	7	3438	5.11	8	5	ND	1	20	1	2	2	71	.16	.049	15	23	.27	97	.06	5	2.76	.04	.06	1	1
16+00N 83+50E	1	21	29	89	.3	10	6	836	4.72	8	5	ND	1	24	1	2	2	82	.24	.025	13	21	.55	109	.08	8	2.26	.01	.08	1	1
16+00N 83+75E	1	44	39	112	1.1	11	6	494	7.22	5	5	ND	2	14	1	2	2	100	.11	.039	13	27	.68	73	.09	7	4.79	.01	.06	1	1
16+00N 84+00E	1	14	26	61	.5	3	3	320	5.80	6	5	ND	2	9	1	2	2	120	.07	.052	11	12	.25	36	.15	6	1.68	.03	.05	1	1
16+00N 84+25E	1	17	26	50	.8	4	3	269	6.10	7	5	ND	1	9	1	2	2	119	.05	.048	11	14	.25	45	.10	5	1.82	.02	.04	1	12
16+00N 84+50E	2	70	33	85	1.0	6	4	341	8.07	9	5	ND	1	19	1	2	2	151	.14	.047	9	17	.40	75	.12	5	2.29	.04	.05	1	82
16+00N 84+75E	1	20	22	50	.8	4	3	231	6.92	2	5	ND	2	10	1	2	3	128	.07	.076	10	16	.30	41	.13	8	2.27	.03	.04	1	1
16+00N 85+00E	1	45	24	109	1.1	8	8	1173	3.58	5	5	ND	1	23	1	2	2	70	.31	.075	14	16	.60	108	.09	7	1.82	.01	.09	1	1
16+00N 85+25E	1	50	46	122	.6	14	8	570	4.31	8	5	ND	1	33	1	2	2	80	.38	.050	15	27	.80	156	.02	4	2.68	.02	.06	1	1
16+00N 85+50E	2	58	57	215	1.8	13	8	425	6.18	11	5	ND	3	10	1	2	2	105	.07	.041	13	32	.84	78	.02	9	3.96	.03	.06	1	10
16+00N 85+75E	1	32	39	91	1.1	11	5	338	3.74	5	5	ND	1	11	1	2	2	73	.09	.031	14	23	.59	61	.03	7	2.15	.03	.06	1	1
16+00N 86+00E	1	11	25	48	.9	3	3	227	6.02	2	5	ND	1	10	1	2	2	89	.04	.052	15	15	.20	57	.06	3	2.13	.03	.04	1	1
16+00N 86+25E	1	6	18	49	.6	4	3	280	4.12	2	5	ND	1	14	1	2	2	81	.03	.041	18	11	.21	72	.06	3	1.50	.04	.05	2	1
16+00N 86+50E	1	15	32	63	1.0	6	4	534	6.98	9	5	ND	2	7	1	2	2	83	.03	.056	17	17	.34	73	.04	5	2.91	.01	.06	1	1
16+00N 86+75E	1	172	36	147	2.1	3	8	3779	6.13	31	5	ND	1	4	1	2	3	31	.07	.235	14	6	.49	40	.01	5	3.92	.01	.08	1	18
16+00N 87+00E	1	18	40	58	1.0	2	2	530	6.34	11	5	ND	1	5	1	2	2	66	.02	.138	19	8	.22	47	.03	3	3.47	.03	.04	1	1
15+00N 82+00E	1	11	26	64	.5	1	4	434	3.03	7	5	ND	1	218	1	2	2	39	1.24	.067	16	3	.41	75	.07	2	3.13	.04	.14	1	1
15+00N 82+25E	2	14	21	89	.7	5	5	679	7.38	6	5	ND	1	41	1	2	2	157	.41	.033	9	18	.40	181	.15	5	1.71	.03	.06	1	4
15+00N 82+25EA	2	4	23	90	.7	2	18	2698	15.82	14	5	ND	1	7	1	2	2	47	.04	.074	7	6	.10	74	.03	6	1.38	.03	.04	1	1
15+00N 82+50E	1	10	5	24	.3	2	1	151	3.76	3	5	ND	1	46	1	2	2	5	.57	.115	4	2	.05	92	.01	5	.21	.01	.07	1	1
15+00N 83+00E	1	11	4	45	.7	2	1	250	4.64	2	5	ND	1	54	1	2	2	6	.55	.121	6	4	.05	117	.01	13	.39	.04	.05	1	1
15+00N 83+50E	2	11	7	28	.5	2	2	149	7.63	69	5	ND	1	43	1	2	2	50	.40	.146	7	6	.04	153	.01	8	.40	.02	.03	1	1
15+00N 83+75E	1	6	2	8	.3	2	1	21	.52	3	5	ND	1	112	1	2	2	4	1.00	.124	3	2	.06	263	.01	17	.22	.02	.07	1	1
15+00N 84+00E	1	24	41	99	.7	9	6	437	7.40	9	5	ND	1	11	1	2	2	103	.06	.035	12	18	.63	93	.08	6	2.79	.01	.10	1	1
15+00N 84+25E	1	17	89	293	.8	46	18	2275	8.23	6	5	ND	1	6	1	2	2	189	.10	.061	6	53	2.45	37	.05	6	3.62	.02	.04	1	1
15+00N 84+50E	3	60	139	145	1.5	12	7	507	9.25	22	5	ND	2	10	1	3	2	122	.07	.048	10	33	.73	60	.07	2	4.13	.01	.05	1	7
15+00N 84+75E	2	32	32	94	1.0	13	8	571	10.16	2	5	ND	2	9	1	2	2	119	.07	.051	9	33	.78	56	.10	2	3.53	.02	.04	1	44
15+00N 85+00E	1	15	17	54	.3	6	4	285	3.77	2	5	ND	1	13	1	2	3	93	.12	.034	10	20	.35	52	.15	3	1.46	.02	.04	2	1
15+00N 85+00EA	1	11	14	31	.1	6	2	282	2.13	2	5	ND	1	11	1	2	3	39	.08	.027	10	8	.24	44	.08	2	1.33	.01	.03	1	11
15+00N 85+50E	1	3	8	12	.3	1	1	46	.33	2	5	ND	1	32	1	2	2	11	.20	.023	9	3	.07	65	.02	3	.64	.03	.05	1	1
15+00N 85+75E	1	11	21	47	.5	4	3	211	4.06	4	5	ND	1	15	1	2	2	65	.08	.041	7	8	.32	67	.11	8	1.31	.03	.06	1	1
15+00N 86+00E	2	23	25	56	.9	5	4	217	7.00	5	5	ND	1	14	1	2	2	135	.09	.106	7	18	.30	59	.13	6	1.79	.01	.04	1	1
15+00N 86+25E	1	21	24	127	.6	10	6	407	4.49	10	5	ND	1	39	1	3	2	61	.26	.081	14	19	.68	151	.04	5	2.29	.02	.04	1	5
STD C/AU-S	18	57	39	132	6.6	68	28	1048	4.03	35	19	6	36	47	17	16	21	55	.49	.088	37	55	.91	174	.06	38	1.95	.06	.14	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
15+00N 86+50E	1	3	24	18	.7	2	1	287	.76	2	5	ND	1	16	1	2	2	28	.11	.029	9	5	.08	77	.09	5	.06	.01	.02	1	7
15+00N 86+75E	1	9	16	24	1.4	5	1	94	2.79	3	5	ND	1	11	1	2	3	67	.05	.025	15	14	.12	43	.04	3	1.53	.01	.03	1	11
15+00N 87+00E	2	15	23	66	2.8	4	3	269	5.11	9	5	ND	1	15	1	2	3	58	.06	.043	19	15	.26	72	.03	4	2.49	.03	.03	1	28
14+00N 82+50E	1	4	22	84	.1	2	3	369	2.77	5	5	ND	1	13	1	2	2	41	.09	.036	13	2	.46	75	.03	2	1.62	.03	.07	1	2
14+00N 82+75E	1	17	25	70	.6	7	6	391	6.06	10	5	ND	1	25	1	2	2	116	.21	.025	10	17	.66	118	.09	3	1.44	.02	.05	1	1
14+00N 83+00E	1	5	7	21	.1	3	1	159	1.58	2	5	ND	1	51	1	2	3	10	.78	.124	2	3	.15	102	.01	4	.22	.04	.05	1	1
14+00N 83+25E	1	6	5	21	.3	3	1	378	1.89	2	5	ND	1	27	1	2	2	6	.31	.128	2	3	.06	91	.01	7	.15	.01	.05	1	1
14+00N 83+50E	1	7	15	61	.1	7	4	600	4.69	2	5	ND	1	14	1	2	2	82	.09	.023	10	17	.31	79	.08	2	1.08	.02	.04	1	2
14+00N 83+75E	1	5	6	13	3.5	1	1	55	4.19	2	5	ND	1	26	1	2	2	10	.23	.058	4	3	.04	101	.01	3	.52	.01	.03	1	2
14+00N 84+00E	1	19	7	30	1.5	4	1	89	1.85	2	5	ND	1	45	3	2	2	8	.46	.060	8	4	.05	138	.01	3	.46	.02	.06	1	1
14+00N 84+25E	1	16	20	101	.5	5	4	634	5.24	16	5	ND	1	18	1	2	2	115	.13	.050	12	12	.47	121	.08	2	1.90	.01	.08	1	57
14+00N 84+50E	1	17	29	58	2.1	3	2	188	4.31	11	5	ND	1	6	1	2	2	68	.04	.046	14	12	.24	57	.04	3	2.86	.01	.03	1	20
14+00N 84+75E	1	11	20	53	1.4	4	3	494	4.03	7	5	ND	1	11	1	2	2	61	.06	.132	10	10	.28	59	.03	4	1.47	.01	.04	1	47
14+00N 85+00E	2	28	55	108	2.4	5	6	811	9.53	27	5	ND	1	9	1	2	2	147	.06	.249	10	17	.50	126	.07	3	2.42	.01	.06	1	98
14+00N 85+25E	1	29	31	108	.8	7	6	682	8.12	17	6	ND	1	9	1	2	2	124	.05	.073	10	21	.52	68	.06	3	3.03	.05	.05	1	27
14+00N 85+50E	1	14	11	24	.7	6	2	141	1.43	2	5	ND	1	14	1	2	2	37	.15	.060	7	9	.18	68	.04	4	.66	.02	.08	1	4
14+00N 85+75E	1	11	18	50	1.3	3	3	213	3.35	8	5	ND	1	14	1	2	2	74	.13	.047	14	10	.35	81	.10	8	1.57	.02	.08	1	11
14+00N 86+00E	1	4	19	16	.4	2	1	79	1.06	3	5	ND	1	14	1	2	2	27	.07	.016	13	8	.07	75	.08	2	.77	.01	.03	1	1
14+00N 86+25E	1	31	31	84	1.9	11	7	563	3.98	7	5	ND	1	27	1	2	2	65	.10	.079	11	18	.64	156	.05	8	3.74	.02	.09	1	5
14+00N 86+50E	1	16	22	52	2.5	5	3	305	5.32	8	5	ND	1	12	1	2	2	102	.06	.057	11	14	.30	52	.09	3	1.82	.01	.04	2	4
14+00N 86+75E	1	23	28	61	.7	6	4	320	6.52	3	5	ND	1	11	1	2	2	103	.07	.077	18	21	.35	67	.10	4	2.23	.01	.03	1	2
14+00N 87+00E	1	26	49	64	1.3	8	5	456	7.61	19	5	ND	1	18	1	2	2	80	.05	.091	9	25	.37	85	.07	4	3.54	.02	.03	1	6
14+00N 87+25E	1	18	51	115	1.8	4	4	391	5.80	15	5	ND	1	8	1	2	2	73	.05	.084	19	10	.40	80	.03	3	2.67	.01	.07	1	5
14+00N 87+50E	1	9	28	66	.3	4	3	399	4.85	4	5	ND	1	13	1	2	2	94	.04	.049	19	11	.25	100	.04	2	2.51	.03	.06	1	2
13+00N 82+25E	1	11	35	72	.5	3	4	553	1.91	10	5	ND	1	17	1	3	2	27	.21	.046	37	8	.25	181	.01	3	.75	.02	.10	1	13
13+00N 82+50E	1	37	32	166	2.3	11	13	1535	4.46	15	6	ND	1	18	1	2	2	71	.10	.115	16	25	.61	98	.07	9	4.34	.01	.06	1	79
13+00N 82+75E	1	22	33	71	3.5	5	4	411	4.24	8	6	ND	2	9	1	2	2	56	.05	.070	14	18	.32	67	.06	2	3.86	.05	.06	1	24
13+00N 83+00E	1	18	31	45	1.2	6	3	185	5.63	15	5	ND	1	12	1	3	2	101	.05	.032	8	20	.29	41	.06	6	2.21	.01	.02	2	63
13+00N 83+25E	1	50	31	119	1.1	8	7	632	4.32	14	5	ND	1	15	1	2	2	71	.21	.109	9	16	.59	85	.06	4	3.57	.01	.05	1	35
13+00N 83+50E	1	5	16	17	.3	3	2	175	2.36	2	5	ND	1	12	1	3	2	75	.05	.018	9	9	.10	42	.18	5	.85	.01	.03	1	6
13+00N 83+75E	1	19	24	61	.5	7	4	314	8.05	9	5	ND	2	14	1	2	2	150	.05	.051	9	17	.40	67	.14	2	2.20	.01	.05	1	2
13+00N 84+00E	2	12	26	40	.8	3	3	258	6.83	6	5	ND	2	10	1	2	2	134	.04	.040	11	13	.20	44	.12	4	2.23	.02	.03	2	5
13+00N 84+25E	2	10	19	33	.8	3	2	189	5.44	8	5	ND	2	8	1	2	2	108	.04	.037	11	13	.19	39	.05	2	1.95	.01	.04	1	7
13+00N 84+50E	1	20	34	64	1.2	8	5	350	9.29	17	5	ND	1	11	1	2	2	118	.05	.052	8	25	.39	56	.06	2	2.75	.01	.04	1	8
13+00N 84+75E	1	25	48	97	1.9	8	7	526	8.91	12	5	ND	3	10	1	2	2	104	.08	.078	8	25	.62	71	.07	3	3.24	.02	.08	1	73
13+00N 85+00E	1	26	28	88	.6	7	6	637	8.15	4	5	ND	1	10	1	2	2	118	.08	.121	7	19	.47	64	.10	2	2.28	.05	.07	1	4
STD C/AU-S	17	58	38	132	6.7	67	28	1058	4.06	44	22	6	36	48	18	16	20	56	.49	.091	38	55	.91	175	.06	39	1.92	.05	.13	11	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
13+00N 85+25E	1	22	25	112	1.7	9	8	801	8.86	4	5	ND	2	7	1	2	3	180	.05	.064	7	20	.84	80	.11	2	3.96	.03	.15	1	6
13+00N 85+50E	2	34	38	79	.4	6	5	511	11.19	17	5	ND	2	8	1	2	2	190	.04	.087	9	14	.39	65	.08	2	2.16	.03	.06	1	16
13+00N 85+75E	2	37	34	70	.5	10	5	300	10.30	13	5	ND	2	10	1	4	2	129	.08	.066	8	26	.49	68	.10	2	2.49	.05	.06	1	1
13+00N 86+00E	2	16	31	40	.6	5	3	388	7.40	13	5	ND	1	10	1	3	2	105	.07	.083	9	19	.22	61	.05	4	2.12	.03	.04	1	35
13+00N 86+25E	2	18	26	50	.7	4	3	259	5.75	9	5	ND	1	9	1	2	2	92	.06	.058	11	16	.25	57	.07	2	2.32	.02	.06	2	1
13+00N 86+50E	2	19	20	69	.9	7	4	308	5.28	15	6	ND	1	11	1	2	2	77	.06	.063	10	14	.43	79	.05	3	2.02	.05	.07	1	1
13+00N 86+75E	1	21	29	60	.6	7	4	232	5.24	7	5	ND	1	9	1	2	2	86	.05	.058	9	15	.38	80	.05	2	1.87	.05	.04	1	1
13+00N 87+00E	2	18	37	162	2.5	9	6	449	2.52	8	6	ND	1	22	1	3	2	67	.16	.047	14	19	.67	134	.04	3	2.47	.04	.08	1	2
13+00N 87+25E	2	32	37	107	.3	11	6	346	6.20	8	5	ND	2	9	1	2	2	75	.08	.039	9	24	.66	101	.07	2	3.41	.04	.06	1	1
12+00N 83+00E	2	12	27	45	.7	4	3	288	9.13	12	5	ND	2	9	1	2	2	155	.04	.066	8	18	.21	67	.11	2	2.11	.02	.04	1	2
12+00N 83+25E	2	17	25	60	.8	7	5	370	9.62	9	5	ND	1	12	1	3	2	127	.05	.090	7	22	.50	61	.08	4	2.30	.06	.07	1	32
12+00N 83+50E	2	28	50	120	.8	10	7	526	6.47	18	5	ND	3	14	1	2	2	90	.10	.059	9	25	.64	95	.06	3	4.80	.04	.05	1	49
12+00N 83+75E	4	17	41	110	2.6	7	10	7423	4.34	11	5	ND	1	19	1	2	2	71	.11	.117	12	15	.49	172	.02	2	2.14	.01	.09	2	53
12+00N 84+00E	2	21	28	73	1.0	6	6	507	11.43	5	5	ND	1	8	1	2	2	167	.05	.108	9	22	.60	58	.10	2	2.91	.01	.06	1	7
12+00N 84+25E	1	23	26	69	.9	7	6	516	6.87	2	5	ND	3	11	1	2	2	92	.07	.048	8	19	.54	63	.08	2	3.98	.02	.05	1	17
12+00N 84+50E	1	30	25	108	1.7	10	8	665	7.56	11	5	ND	1	10	1	2	2	119	.06	.035	8	21	.98	65	.09	2	3.55	.02	.06	1	85
12+00N 84+75E	3	23	23	47	.5	6	4	218	7.00	5	5	ND	1	13	1	2	2	103	.07	.050	8	19	.29	48	.07	3	2.45	.01	.03	2	6
12+00N 85+00E	2	23	31	60	1.9	8	5	290	8.46	7	5	ND	2	14	1	2	2	126	.07	.076	6	24	.49	74	.07	2	2.04	.03	.06	1	1
12+00N 85+25E	2	18	23	59	1.9	5	4	264	5.05	8	5	ND	1	10	1	2	4	94	.10	.066	9	17	.41	72	.08	2	3.84	.01	.04	1	10
12+00N 85+50E	1	9	18	16	1.1	1	1	75	1.84	4	5	ND	1	10	1	2	2	41	.03	.029	11	8	.08	40	.02	2	1.79	.01	.02	1	3
12+00N 85+75E	2	13	23	52	1.1	8	4	283	3.64	11	5	ND	1	22	1	2	2	65	.07	.042	10	18	.41	79	.03	3	1.91	.04	.05	2	1
12+00N 86+00E	1	9	17	29	1.0	6	5	251	2.80	7	5	ND	1	9	1	2	2	73	.06	.016	12	13	.17	38	.04	2	1.56	.03	.03	1	1
12+00N 86+25E	1	27	22	75	.7	9	6	328	7.37	8	5	ND	3	14	1	2	2	111	.08	.051	8	20	.53	80	.10	3	3.46	.01	.06	1	2
12+00N 86+50E	1	12	20	48	.8	8	4	205	1.87	3	5	ND	1	18	1	2	2	41	.14	.041	10	13	.44	98	.05	3	1.39	.01	.06	1	1
12+00N 86+75E	1	15	19	60	.9	6	4	313	2.16	6	5	ND	1	16	1	2	2	43	.15	.022	11	12	.41	85	.09	3	1.42	.01	.07	1	2
12+00N 87+00E	2	36	21	95	1.1	12	7	462	4.30	10	5	ND	1	17	1	2	2	56	.06	.070	12	21	.60	98	.01	3	2.70	.07	.07	1	2
12+00N 87+25E	1	20	13	102	.4	14	7	537	3.55	4	5	ND	1	23	1	2	2	54	.15	.028	9	20	.71	85	.03	3	2.17	.03	.07	1	1
12+00N 87+50E	1	75	32	13	8.0	11	2	103	.55	5	7	ND	1	17	4	2	2	14	.22	.372	36	20	.16	48	.01	3	3.79	.02	.02	1	7
12+00N 87+75E	4	49	51	124	3.3	14	14	4565	4.40	17	5	ND	1	40	1	2	2	57	.42	.153	13	23	.57	141	.01	3	3.15	.01	.09	1	1
12+00N 88+00E	2	22	19	101	.5	13	7	875	3.42	10	5	ND	1	22	1	2	2	53	.24	.058	8	19	.58	107	.01	2	1.98	.03	.05	1	1
11+00N 12+50E	1	22	20	85	.2	9	6	439	4.17	10	5	ND	1	28	1	2	2	80	.21	.089	9	19	.68	83	.08	2	1.47	.02	.05	1	5
11+00N 12+75E	1	9	21	48	.6	5	4	486	5.26	8	5	ND	2	12	1	2	2	83	.06	.043	8	19	.33	52	.06	2	3.51	.01	.02	1	1
11+00N 82+25E	1	28	18	109	.3	8	7	455	3.41	7	5	ND	1	22	1	2	2	68	.27	.051	10	17	.62	72	.07	7	1.57	.02	.04	2	20
11+00N 83+00E	1	13	26	70	.8	7	5	506	5.93	3	5	ND	2	14	1	2	2	85	.05	.033	7	24	.52	64	.08	2	4.20	.04	.03	1	1
11+00N 83+25E	1	12	27	58	.1	6	4	308	6.72	10	5	ND	1	11	1	2	2	133	.07	.032	9	21	.41	60	.10	2	2.42	.01	.04	1	13
11+00N 83+50E	2	48	105	251	.9	20	11	1030	4.36	19	5	ND	1	29	1	2	2	68	.34	.076	21	34	1.04	225	.04	5	2.01	.01	.11	1	35
11+00N 83+75E	1	19	37	67	1.6	8	5	338	6.42	26	5	ND	1	17	1	2	2	80	.10	.071	9	21	.44	94	.04	5	3.09	.02	.04	1	10
STD C/AU-S	17	58	39	132	6.6	67	28	1059	4.11	41	18	6	36	47	17	17	19	56	.50	.090	38	55	.93	175	.06	39	1.97	.07	.13	12	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
11+00N 84+00E	1	27	27	93	2.4	24	18	457	5.13	8	5	ND	1	36	1	2	3	81	.23	.067	7	33	1.01	130	.08	6	3.38	.05	.06	1	7
11+00N 84+25E	1	17	28	60	1.0	7	4	257	5.20	8	5	ND	1	11	1	2	2	88	.06	.033	9	22	.38	50	.04	2	2.60	.07	.03	1	16
11+00N 84+50E	1	18	18	71	1.9	9	5	339	3.69	8	5	ND	1	17	1	2	2	54	.08	.037	13	16	.60	67	.04	2	2.49	.04	.06	1	35
11+00N 84+75E	2	23	29	66	.7	9	6	389	10.74	13	5	ND	2	12	1	2	2	97	.03	.043	7	39	.46	64	.07	2	2.88	.01	.05	1	1
11+00N 85+00E	1	8	14	44	.7	3	3	166	3.16	9	5	ND	1	25	1	2	2	52	.16	.025	12	9	.27	107	.04	5	1.36	.02	.03	1	1
11+00N 85+25E	2	22	23	66	1.8	10	6	287	5.26	9	5	ND	1	18	1	2	2	84	.12	.054	9	28	.55	71	.06	2	4.15	.03	.04	1	1
11+00N 85+75E	2	11	26	41	.7	3	2	97	3.41	9	5	ND	1	11	1	2	2	60	.05	.031	15	12	.14	63	.02	2	2.27	.01	.04	1	1
11+00N 86+00E	3	28	30	67	.5	8	5	281	7.81	10	5	ND	2	14	1	2	2	109	.08	.035	9	28	.48	97	.10	2	2.59	.03	.05	1	1
11+00N 86+25E	3	19	21	62	1.1	6	4	196	6.99	2	5	ND	1	15	1	2	2	124	.08	.045	13	24	.47	64	.13	2	3.12	.02	.03	1	1
11+00N 86+50E	1	18	17	47	.4	5	4	207	5.05	6	5	ND	1	12	1	2	3	77	.09	.078	7	23	.35	58	.09	2	3.70	.03	.04	2	1
11+00N 86+75E	1	22	27	47	1.6	4	2	173	2.59	7	5	ND	1	11	1	2	3	45	.07	.061	17	18	.26	79	.04	5	2.02	.02	.07	1	1
11+00N 87+00E	1	29	19	81	2.0	12	6	328	3.38	11	5	ND	1	19	1	2	3	53	.14	.063	10	19	.69	72	.05	7	2.18	.01	.07	1	6
11+00N 87+25E	2	27	18	98	1.3	11	7	511	4.18	10	5	ND	1	17	1	2	3	72	.15	.039	11	21	.78	79	.06	4	1.98	.03	.07	1	5
10+00N 82+50E	2	19	34	64	.3	6	4	373	6.99	14	5	ND	2	13	1	2	3	81	.06	.098	7	29	.41	55	.08	2	5.01	.05	.03	1	1
10+00N 82+75E	1	20	33	102	.9	9	7	489	3.81	12	5	ND	1	19	1	2	2	63	.12	.042	11	16	.64	87	.03	5	2.05	.02	.06	1	4
10+00N 83+00E	1	13	21	37	.6	4	3	205	6.84	8	5	ND	1	11	1	2	2	137	.04	.028	8	20	.24	54	.09	2	2.14	.03	.03	1	1
10+00N 83+25E	1	15	21	79	1.1	9	6	409	6.50	4	5	ND	3	14	1	3	4	96	.10	.066	7	28	.62	53	.08	2	3.38	.04	.05	1	4
10+00N 83+50E	1	14	21	73	.6	7	5	291	4.33	5	5	ND	1	19	1	2	2	71	.11	.038	8	19	.49	68	.06	3	2.67	.03	.05	1	8
10+00N 83+75E	1	6	27	21	.5	1	1	98	2.84	2	5	ND	2	10	1	2	2	57	.05	.016	9	9	.12	41	.05	2	1.81	.02	.03	1	1
10+00N 84+00E	1	4	14	16	.2	1	1	102	1.61	2	5	ND	1	9	1	2	3	45	.07	.006	11	7	.07	37	.06	2	1.08	.03	.03	1	14
10+00N 84+25E	2	39	81	250	.7	15	10	1777	3.93	22	5	ND	1	35	1	3	4	66	.36	.062	18	29	.89	278	.03	2	2.06	.03	.08	1	8
10+00N 84+50E	2	25	36	110	1.1	10	6	1047	2.71	7	8	ND	1	19	1	3	3	44	.14	.253	29	24	.59	79	.02	3	3.52	.01	.06	1	8
10+00N 84+75E	7	4	15	29	.2	3	5	1044	3.11	7	5	ND	1	17	1	2	3	56	.10	.031	9	7	.16	67	.05	2	1.01	.04	.05	1	7
10+00N 85+25E	1	15	27	75	.6	8	5	305	4.30	8	5	ND	1	14	1	3	2	82	.11	.040	11	19	.60	63	.07	6	2.51	.04	.05	1	1
10+00N 85+50E	1	13	18	43	1.0	4	3	180	4.05	2	5	ND	1	12	1	2	3	80	.06	.035	12	16	.31	42	.06	2	2.85	.03	.04	1	1
10+00N 85+75E	1	26	24	73	1.0	19	8	349	5.05	9	5	ND	1	20	1	2	2	88	.07	.043	10	33	.85	75	.07	4	3.69	.03	.04	1	1
10+00N 86+00E	1	22	26	57	1.0	7	4	211	4.05	9	5	ND	1	10	1	2	2	74	.06	.056	16	16	.39	74	.04	4	3.87	.02	.05	1	44
10+00N 86+25E	2	12	18	46	.3	5	4	192	6.89	9	5	ND	1	13	1	2	2	128	.11	.201	11	15	.34	87	.10	2	1.89	.02	.05	1	1
10+00N 86+50E	1	14	18	42	.1	5	4	208	7.02	2	5	ND	3	13	1	2	2	109	.07	.071	6	24	.34	60	.10	4	2.94	.04	.03	1	1
10+00N 86+75E	2	24	24	63	.4	11	6	430	9.85	15	5	ND	2	13	1	2	3	123	.09	.062	7	31	.52	63	.12	2	2.35	.02	.04	1	1
10+00N 87+00E	1	24	19	40	6.7	7	3	156	3.89	4	5	ND	1	15	1	2	2	43	.06	.071	10	23	.31	64	.02	7	3.63	.01	.04	1	3
10+00N 87+25E	2	22	19	70	.9	8	6	309	4.45	9	5	ND	2	11	1	2	3	71	.07	.048	8	22	.37	62	.05	5	3.74	.02	.04	1	72
10+00N 87+50E	1	18	22	37	1.1	4	2	117	3.72	10	5	ND	1	11	1	3	2	77	.07	.033	10	17	.18	42	.04	2	3.15	.01	.03	1	1
09+00N 84+25E	2	19	36	55	.4	5	4	402	6.10	13	5	ND	3	12	1	2	2	82	.05	.040	8	27	.33	68	.06	2	3.94	.04	.04	1	1
09+00N 84+50E	3	14	22	75	1.5	9	9	10142	4.59	9	5	ND	1	21	1	2	2	31	.15	.157	10	20	.33	219	.01	4	1.79	.01	.04	1	14
09+00N 84+75E	4	16	62	113	1.1	11	9	879	4.58	15	5	ND	1	14	1	2	2	65	.11	.073	14	27	.62	132	.01	2	2.24	.01	.06	1	8
STD C/AU-S	18	57	38	132	6.7	67	28	1049	4.05	38	20	7	36	47	17	18	18	55	.50	.088	37	55	.92	174	.06	37	1.92	.05	.13	12	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
09+00N 85+00E	1	12	41	135	.1	15	5	270	2.28	7	5	ND	1	17	1	2	2	43	.20	.056	13	31	.93	209	.03	2	1.74	.01	.09	1	18
09+00N 85+25E	3	23	71	79	1.1	7	5	332	5.15	26	5	ND	2	9	1	2	2	60	.05	.060	12	30	.37	71	.02	2	3.91	.01	.05	1	12
09+00N 85+50E	2	10	30	50	.3	6	4	398	3.33	12	5	ND	1	6	1	2	2	59	.03	.035	14	22	.30	82	.02	2	1.54	.01	.06	1	15
09+00N 85+75E	2	20	37	101	.2	11	7	763	4.22	14	5	ND	1	9	1	2	2	68	.12	.070	16	28	.67	147	.03	2	2.04	.01	.09	1	5
09+00N 86+00E	2	22	85	149	.3	13	10	1779	3.67	18	5	ND	1	20	1	2	2	56	.18	.058	15	29	.93	252	.03	2	1.97	.01	.11	1	290
09+00N 86+25E	2	30	137	167	.4	11	9	1337	3.40	24	5	ND	1	20	1	2	2	55	.22	.061	18	29	.84	190	.02	2	1.90	.01	.09	1	25
09+00N 86+50E	1	22	27	49	.6	8	7	287	7.66	15	6	ND	2	10	1	2	2	153	.05	.046	7	28	.40	51	.11	3	1.74	.01	.06	1	15
09+00N 86+75E	1	25	31	65	3.3	8	6	393	5.28	15	5	ND	1	14	1	2	2	77	.11	.105	18	32	.50	58	.06	2	5.82	.01	.06	1	17
09+00N 87+00E	1	5	14	15	.1	3	2	90	2.13	2	5	ND	1	12	1	2	4	80	.06	.021	6	11	.12	35	.13	3	.85	.01	.03	1	1
09+00N 87+25E	1	7	10	20	.2	3	4	145	3.46	3	5	ND	1	8	1	2	4	100	.05	.032	6	16	.07	32	.14	2	.64	.01	.04	1	2
09+00N 87+50E	1	20	16	40	.8	5	5	223	4.54	5	5	ND	1	12	1	2	2	81	.13	.054	9	22	.36	49	.09	2	3.22	.01	.05	1	12
09+00N 87+75E	1	10	25	26	.3	1	3	188	3.70	4	5	ND	1	11	1	2	2	107	.07	.033	8	13	.18	44	.12	2	1.23	.01	.04	1	8
09+00N 88+00E	1	18	19	36	.8	3	4	179	3.35	5	5	ND	1	11	1	2	3	66	.04	.033	10	19	.25	55	.04	3	2.31	.01	.05	1	11
09+00N 88+25E	2	33	20	37	2.5	8	6	228	6.09	12	5	ND	1	15	1	2	2	94	.07	.052	5	44	.39	77	.07	5	3.21	.01	.03	1	2
09+00N 88+50E	1	23	21	74	1.4	11	8	407	4.86	11	5	ND	1	15	1	2	2	96	.08	.038	10	22	.75	87	.11	2	1.94	.01	.08	1	10
09+00N 88+75E	2	38	13	76	2.3	9	5	311	3.77	11	5	ND	1	16	1	2	2	67	.14	.060	10	24	.65	57	.06	2	2.31	.01	.05	1	21
09+00N 89+00E	1	12	20	25	.6	4	3	135	1.53	5	5	ND	1	17	1	2	6	39	.06	.028	9	13	.27	70	.05	2	1.10	.01	.04	1	12
08+00N 84+75E	1	18	30	115	.1	35	12	814	3.61	2	5	ND	2	28	1	2	2	58	.42	.046	19	66	1.65	126	.04	2	1.79	.01	.10	1	5
08+00N 85+00E	2	15	26	64	.6	4	6	279	5.37	11	5	ND	1	9	1	2	2	95	.04	.031	10	20	.43	57	.04	2	1.95	.01	.05	1	22
NO NAME SAMPLE	1	30	27	67	.9	15	10	606	6.92	18	5	ND	3	16	1	2	2	99	.09	.070	7	41	.67	72	.10	3	5.14	.01	.05	1	25
STD C/AU-S	18	58	37	128	7.1	68	28	1090	4.00	36	18	7	37	47	17	16	21	56	.46	.087	39	56	.91	175	.06	34	1.93	.06	.13	12	53

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL Au* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 2 1988 DATE REPORT MAILED: Aug 9/88 ASSAYER. C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. File # 88-3219 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L22N 77+75E	1	27	13	71	.1	5	8	2554	3.97	2	5	ND	1	6	1	2	2	48	.13	.096	11	10	.51	37	.02	2	1.46	.01	.04	1	1
L22N 78+00E	1	51	23	112	.1	4	9	1622	4.19	2	5	ND	2	10	1	2	2	39	.21	.104	12	8	.81	90	.01	2	1.93	.01	.14	1	2
L22N 78+25E	1	6	4	26	.6	1	1	147	.19	2	5	ND	1	45	1	2	2	3	.88	.078	2	1	.06	223	.01	4	.13	.02	.13	2	1
L22N 78+50E	2	10	27	58	.8	3	5	268	4.83	4	5	ND	1	20	1	2	3	102	.22	.024	12	17	.25	116	.06	2	1.37	.01	.06	1	5
L22N 78+75E	1	167	21	159	1.8	2	3	371	1.18	2	5	ND	1	43	5	2	3	17	.65	.139	69	8	.07	133	.01	2	1.67	.01	.06	1	4
L22N 79+00E	1	10	9	25	.1	2	3	186	4.11	2	5	ND	1	7	1	2	2	72	.08	.015	12	13	.13	43	.05	2	1.02	.01	.06	1	5
L22N 79+25E	4	51	30	53	3.0	4	15	5769	2.72	4	5	ND	1	52	1	2	2	49	.90	.188	26	19	.17	116	.01	5	3.66	.01	.05	2	1
L22N 79+50E	1	20	6	26	9.0	6	1	51	.32	2	5	ND	1	233	1	3	2	11	4.86	.096	9	59	.14	213	.01	5	.69	.01	.02	1	4
L22N 79+75E	1	42	25	201	1.0	14	12	737	3.87	3	5	ND	1	37	1	2	2	71	.38	.085	14	20	.76	106	.02	2	2.42	.01	.07	1	1
L22N 80+00E	1	11	16	39	.6	3	3	168	3.78	5	5	ND	2	21	1	2	2	83	.26	.018	10	13	.13	95	.08	2	.94	.01	.05	2	2
L22N 80+25E	5	120	25	166	.5	7	13	16905	3.90	6	5	ND	1	49	6	2	2	88	.81	.164	14	10	.35	377	.01	3	1.33	.02	.12	1	3
L22N 80+50E	2	24	20	111	1.2	7	13	4717	4.12	5	5	ND	1	12	1	2	2	80	.10	.058	11	17	.91	104	.04	5	2.51	.01	.05	1	8
L22N 80+75E	1	6	18	48	.7	3	2	1585	1.21	2	5	ND	1	18	1	2	2	23	.18	.027	11	6	.16	129	.02	2	.93	.01	.07	2	12
L22N 81+00E	1	8	10	32	.1	3	3	177	2.83	4	5	ND	1	10	1	2	2	66	.06	.030	9	12	.21	50	.04	2	1.15	.01	.04	1	22
L21N 77+50E	1	73	15	100	.2	48	21	1209	4.15	3	5	ND	1	454	1	2	2	72	2.96	.074	10	78	2.69	188	.09	4	5.21	.04	.18	1	1
L21N 77+75E	1	28	27	157	.4	22	13	1465	4.38	35	5	ND	2	22	1	2	2	74	.18	.051	8	42	1.37	50	.07	3	3.60	.01	.05	1	5
L21N 78+00E	1	25	20	120	1.0	7	4	218	2.57	5	5	ND	1	34	1	2	2	52	.49	.033	13	14	.49	98	.03	2	1.33	.01	.04	1	13
L21N 78+50E	1	93	13	478	1.7	2	3	1183	1.58	2	5	ND	1	48	9	2	2	22	.93	.045	21	8	.12	154	.01	4	1.00	.01	.04	1	4
L21N 78+75E	1	5	2	62	.5	2	1	27	.14	2	5	ND	1	74	1	2	3	2	1.60	.055	2	3	.07	161	.01	4	.11	.01	.04	1	1
L21N 79+00E	1	11	14	43	1.0	4	4	192	4.88	5	5	ND	2	9	1	2	3	69	.04	.045	8	14	.20	87	.03	2	2.30	.01	.05	2	8
L21N 79+25E	2	16	34	51	2.0	6	6	197	6.71	8	5	ND	3	7	1	2	2	87	.04	.038	8	22	.29	76	.04	4	3.99	.01	.05	1	3
L21N 80+00E	2	17	29	86	.4	8	7	307	5.24	6	5	ND	2	10	1	2	2	102	.06	.024	12	20	.56	61	.04	2	3.07	.01	.03	1	6
L21N 80+50E	1	6	23	31	.3	2	3	302	1.41	3	5	ND	1	12	1	2	2	30	.06	.017	12	8	.16	50	.02	2	1.13	.01	.04	1	38
L21N 80+75E	1	4	8	12	.2	1	1	57	.89	2	5	ND	2	6	1	2	2	18	.04	.013	12	5	.03	47	.01	2	.71	.01	.04	1	6
L21N 81+00E	1	17	17	76	.1	4	6	943	3.66	4	5	ND	1	12	1	2	2	58	.24	.111	10	12	.42	51	.03	2	1.04	.01	.07	1	26
L20N 77+25E	1	137	295	251	.9	51	24	4724	4.95	32	5	ND	1	37	2	2	2	83	.74	.061	8	62	2.93	52	.06	3	3.22	.01	.06	1	14
L20N 77+50E	4	886	504	35	18.6	4	9	4338	1.75	14	5	ND	1	46	1	2	2	57	1.05	.424	79	44	.11	86	.02	4	5.18	.01	.04	1	8
L20N 77+75E	1	71	29	92	2.3	7	5	520	4.39	12	5	ND	1	15	1	2	2	71	.21	.043	22	17	.43	64	.02	3	2.22	.01	.06	1	3
L20N 78+00E	1	44	55	62	18.8	3	3	221	2.55	2	5	ND	1	18	1	2	2	54	.14	.029	15	10	.13	57	.02	2	1.70	.01	.03	1	27
L20N 78+25E	4	766	42	758	42.5	6	6	4011	1.55	6	9	ND	1	75	9	2	3	22	1.76	.501	202	71	.23	135	.01	3	3.53	.01	.05	1	5
L20N 78+50E	1	78	7	97	7.2	2	1	391	.25	2	5	ND	1	100	1	2	2	4	2.16	.073	19	7	.07	139	.01	8	.55	.01	.03	1	2
L20N 78+75E	2	20	22	51	1.9	4	3	218	5.30	9	5	ND	2	8	1	2	2	72	.10	.039	9	14	.18	54	.05	5	1.96	.01	.05	1	4
L20N 79+00E	7	218	30	321	5.9	5	8	14228	1.98	5	5	ND	1	58	25	2	2	34	.54	.122	42	11	.62	183	.02	5	2.38	.01	.08	1	29
L20N 79+25E	2	181	4	247	1.5	4	1	1856	.35	2	5	ND	1	114	6	2	2	8	2.62	.063	14	3	.11	97	.01	7	.58	.01	.03	1	4
L20N 80+50E	3	37	26	329	3.7	1	49	88446	15.88	63	6	ND	17	73	2	7	28	30	.42	.080	7	4	.01	3777	.01	2	.80	.01	.05	1	1
L20N 80+75E	1	11	9	29	3.1	4	3	1096	3.36	2	5	ND	1	11	1	2	2	43	.05	.022	17	10	.18	86	.02	5	2.05	.01	.03	1	10
STD C/AU-S	17	57	36	132	7.1	68	28	1066	3.99	38	17	8	36	47	17	18	19	56	.46	.085	39	56	.89	172	.06	34	1.90	.06	.14	12	58

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L20N 81+00E	2	15	22	36	.6	1	6	241	7.47	9	5	ND	3	9	1	2	6	166	.04	.042	8	19	.20	61	.11	4	2.23	.01	.05	2	7
L20N 81+25E	1	3	7	15	.1	1	2	124	2.16	2	5	ND	2	7	1	2	2	69	.03	.012	10	9	.07	30	.07	3	.87	.01	.03	2	3
L19N 77+00E	2	15	21	46	.6	4	4	201	6.33	9	5	ND	2	7	1	2	4	100	.04	.038	11	18	.24	41	.07	7	2.38	.01	.05	2	5
L19N 77+25E	1	33	23	113	.5	6	8	445	6.43	17	5	ND	1	13	1	2	6	95	.17	.082	15	18	.64	102	.07	2	2.72	.01	.09	1	3
L19N 77+50E	1	57	27	222	6.5	6	5	1129	3.38	12	5	ND	1	19	1	2	2	57	.25	.061	22	22	.48	67	.04	4	2.52	.01	.06	1	12
L19N 77+75E	1	37	20	164	.8	6	8	490	4.90	8	5	ND	1	17	1	2	2	69	.28	.044	23	18	.61	105	.05	3	2.54	.01	.06	1	3
L19N 78+00E	2	19	22	58	.8	6	7	450	7.05	10	5	ND	2	13	1	2	2	142	.11	.040	12	25	.30	83	.11	3	2.01	.01	.06	1	4
L19N 78+25E	2	24	25	59	.2	4	6	327	6.11	7	5	ND	2	12	1	2	5	94	.10	.037	9	20	.34	78	.07	4	2.03	.01	.04	1	5
L19N 78+50E	2	31	24	94	.3	6	7	526	6.12	13	5	ND	2	18	1	2	2	73	.17	.050	11	18	.56	105	.05	2	2.36	.01	.06	1	2
L19N 78+75E	2	34	23	114	1.2	5	8	438	5.83	13	5	ND	1	14	1	2	5	65	.23	.055	12	18	.57	95	.05	5	3.05	.01	.07	1	3
L19N 79+00E	2	143	32	150	.4	4	6	571	4.18	7	5	ND	1	27	1	2	4	57	.28	.045	39	15	.49	79	.06	5	2.42	.01	.05	1	18
L19N 79+75E	6	48	37	166	.3	10	10	1778	3.87	15	5	ND	1	24	1	2	4	60	.34	.039	15	17	.62	139	.02	2	2.10	.01	.07	1	2
L19N 80+00E	1	25	37	197	.1	11	8	1732	3.15	6	5	ND	1	20	1	2	2	50	.25	.033	14	20	.77	100	.03	2	2.24	.01	.08	1	8
L19N 80+25E	1	34	38	162	.2	11	6	1011	2.93	11	5	ND	1	16	1	3	3	44	.27	.040	15	18	.67	103	.03	4	2.18	.01	.11	1	7
L19N 80+50E	2	21	25	57	1.3	4	4	254	5.21	16	5	ND	1	6	1	2	2	81	.04	.029	11	19	.24	74	.04	5	2.63	.01	.06	2	4
L19N 80+75E	1	16	23	63	.5	6	4	250	3.25	4	5	ND	1	15	1	2	2	54	.12	.031	12	14	.43	68	.03	3	1.64	.01	.06	1	8
L19N 81+25E	1	23	25	73	1.3	5	5	290	4.75	12	5	ND	2	15	1	2	2	73	.16	.066	9	19	.42	93	.06	3	2.35	.01	.08	1	9
L19N 81+50E	25	1889	208	164	242.3	1	8	550	8.36	148	5	8	3	15	1	2	4	32	.13	.076	15	5	.45	82	.03	2	1.21	.01	.17	1	7313
L18N 76+75E	2	107	26	126	1.7	5	6	1022	3.32	8	5	ND	1	12	1	2	2	48	.18	.027	14	15	.32	79	.02	2	1.45	.01	.06	1	22
L18N 77+00E	1	19	18	38	.9	2	3	159	4.41	5	5	ND	1	10	1	2	5	87	.09	.041	17	13	.15	56	.07	2	1.80	.01	.05	1	7
L18N 77+25E	1	66	25	123	1.4	10	7	379	4.28	6	5	ND	1	15	1	2	4	64	.23	.055	18	18	.66	122	.03	3	3.01	.01	.09	1	6
L18N 77+50E	2	16	15	44	.6	5	7	254	5.91	12	5	ND	2	12	1	2	2	165	.09	.024	8	28	.29	62	.15	4	1.76	.01	.06	2	8
L18N 77+75E	2	226	25	136	2.3	10	9	1051	3.73	6	5	ND	1	23	1	2	2	69	.32	.060	16	19	.69	144	.03	8	2.63	.01	.10	2	4
L18N 78+00E	2	61	19	139	.4	7	8	1732	3.64	3	5	ND	1	19	1	2	2	67	.23	.038	15	16	.54	95	.05	3	1.78	.01	.07	1	8
L18N 78+25E	1	398	24	321	1.0	12	18	2267	8.74	4	5	ND	1	21	1	2	2	162	.34	.069	7	35	1.78	100	.01	2	3.83	.01	.07	1	13
L18N 78+50E	1	389	25	438	2.4	10	12	3291	4.00	5	5	ND	1	26	2	2	2	69	.48	.095	41	22	.78	117	.04	4	2.52	.01	.06	1	6
L18N 78+75E	2	496	19	800	.5	18	18	6727	5.70	2	5	ND	1	14	7	2	2	116	.31	.084	11	32	2.39	116	.02	9	3.52	.01	.06	2	3
L18N 79+00E	1	250	19	265	1.1	4	5	496	3.87	5	5	ND	1	19	1	2	3	66	.27	.050	15	15	.49	94	.03	2	2.31	.01	.04	1	9
L18N 79+25E	2	39	22	102	.4	4	9	1853	5.72	10	5	ND	1	14	1	2	5	73	.23	.024	15	14	.30	109	.04	2	1.60	.01	.06	1	26
L18N 79+50E	1	45	36	54	.3	4	3	168	4.45	14	5	ND	2	8	1	2	5	47	.06	.048	11	15	.18	91	.03	4	2.13	.01	.06	2	5
L18N 79+75E	2	24	17	85	.5	7	8	361	5.02	12	5	ND	3	10	1	2	2	90	.07	.023	10	22	.58	66	.09	2	2.70	.01	.06	1	17
L18N 80+00E	2	16	22	58	.1	6	5	261	4.66	8	5	ND	1	10	1	2	2	69	.08	.049	11	20	.48	60	.05	5	3.37	.01	.04	1	15
L18N 80+25E	1	13	17	69	.1	4	5	428	3.85	10	5	ND	1	9	1	2	2	64	.07	.034	11	16	.41	67	.04	3	2.12	.01	.05	1	83
L18N 80+50E	1	18	23	58	.6	5	5	316	6.66	18	5	ND	2	4	1	2	3	88	.02	.043	13	19	.33	52	.04	2	2.45	.01	.06	1	4
L18N 80+75E	2	59	33	209	1.7	8	7	1059	2.91	9	5	ND	1	8	1	2	2	44	.09	.085	26	17	.51	105	.02	3	2.59	.01	.07	1	11
L18N 81+00E	1	13	20	47	.3	4	4	246	4.74	8	5	ND	2	11	1	3	2	67	.07	.030	10	18	.22	78	.04	2	1.58	.01	.03	1	8
STD C/AU-S	17	58	37	132	7.1	68	27	1094	4.04	40	17	8	36	67	17	17	21	57	.46	.091	39	57	.90	174	.06	34	1.92	.06	.14	12	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L18N 81+25E	2	32	17	54	3.3	5	4	257	3.56	10	6	ND	1	14	1	3	2	42	.11	.060	12	14	.27	61	.03	4	2.28	.01	.04	2	1
L18N 81+50E	1	20	25	69	1.6	7	7	301	5.37	11	5	ND	4	12	1	2	2	67	.06	.039	6	23	.44	65	.06	2	3.25	.01	.03	1	4
L18N 81+75E	1	18	24	80	.5	5	6	343	4.45	11	5	ND	3	14	1	4	2	66	.08	.054	6	19	.48	56	.06	5	2.00	.01	.03	1	9
L18N 82+00E	2	43	38	110	.6	4	6	701	3.64	9	5	ND	3	15	1	4	2	62	.13	.076	11	11	.47	61	.05	2	1.71	.01	.04	1	91
L17N 76+75E	4	41	26	168	1.2	14	12	950	6.07	17	5	ND	1	32	1	3	2	87	.42	.048	10	29	.86	157	.05	3	3.16	.01	.10	1	1
L17N 77+00E	2	10	17	40	2.6	3	3	147	2.70	7	5	ND	1	10	1	2	3	51	.07	.023	10	11	.24	45	.04	4	1.51	.01	.04	2	1
L17N 77+25E	2	12	15	43	.5	6	5	245	4.58	6	5	ND	1	13	1	2	2	100	.19	.030	10	19	.26	67	.10	3	1.36	.01	.04	2	2
L17N 77+50E	2	13	13	54	.3	4	5	261	4.29	6	5	ND	1	11	1	3	2	74	.12	.032	14	15	.32	64	.06	2	1.81	.01	.05	1	1
L17N 77+75E	2	16	18	48	.4	5	4	211	3.52	7	5	ND	2	7	1	2	2	73	.04	.036	11	12	.24	43	.05	6	1.79	.01	.06	2	4
L17N 78+00E	6	21	17	84	.6	10	10	502	5.72	12	5	ND	1	11	1	3	2	88	.10	.049	10	17	.58	59	.07	2	2.40	.01	.06	1	1
L17N 78+25E	2	15	27	46	.4	3	7	223	7.69	8	5	ND	1	6	1	2	2	138	.03	.046	9	16	.23	41	.11	2	1.91	.01	.03	2	8
L17N 78+50E	3	19	54	112	.4	5	11	2969	5.02	11	5	ND	1	8	1	3	2	64	.06	.133	12	14	.53	104	.03	2	2.37	.01	.08	1	12
L17N 78+75E	3	19	15	85	.4	5	6	1492	3.77	6	5	ND	1	8	1	2	2	50	.06	.062	13	13	.42	63	.04	2	1.84	.01	.06	1	1
L17N 79+00E	1	6	12	29	.9	2	3	153	2.54	3	5	ND	1	10	1	2	2	39	.03	.026	8	8	.15	42	.03	3	1.36	.01	.01	1	5
L17N 79+25E	2	44	60	152	1.2	11	10	796	4.04	15	5	ND	1	10	1	2	2	48	.13	.051	13	18	.53	122	.03	4	2.84	.01	.07	1	9
L17N 79+50E	1	21	21	63	.9	4	4	236	3.63	9	5	ND	1	18	1	2	2	42	.27	.064	14	11	.25	86	.03	5	1.81	.01	.05	1	15
L17N 79+75E	2	17	23	86	.7	10	6	574	4.10	11	5	ND	1	15	1	2	2	67	.18	.036	14	16	.46	102	.04	2	1.77	.01	.06	1	1
L17N 80+00E	2	13	18	46	.4	2	3	212	3.59	10	5	ND	1	8	1	2	3	63	.06	.025	11	12	.12	60	.05	3	1.11	.01	.05	1	5
L17N 80+25E	2	14	24	45	.4	4	4	194	5.54	15	5	ND	2	5	1	2	2	80	.02	.038	11	12	.19	62	.04	4	1.73	.01	.04	1	23
L17N 80+50E	2	17	24	53	.3	6	8	438	6.57	13	5	ND	2	7	1	2	2	89	.05	.073	6	27	.29	44	.08	2	4.17	.01	.04	1	1
L17N 80+75E	1	5	11	19	.7	1	1	151	2.04	3	5	ND	1	6	1	2	2	38	.03	.027	9	9	.08	30	.04	2	1.36	.01	.02	1	11
L17N 81+00E	3	21	26	68	.9	8	9	350	7.02	18	6	ND	3	10	1	2	2	95	.05	.052	10	17	.42	58	.08	2	2.26	.01	.04	1	1
L17N 81+25E	2	71	22	214	.9	10	5	946	2.99	10	6	ND	1	38	1	2	2	47	.26	.089	16	15	.45	149	.01	3	2.46	.01	.06	1	1
L17N 81+50E	1	13	12	45	.6	5	7	339	6.45	7	5	ND	1	8	1	2	3	109	.03	.043	7	16	.39	53	.11	5	2.38	.01	.05	1	6
L17N 81+75E	1	12	20	35	.9	5	4	261	4.71	9	5	ND	1	10	1	2	2	99	.06	.113	7	14	.27	34	.09	2	1.23	.01	.03	1	1
L16N 76+50E	2	18	10	60	.4	7	11	461	5.06	6	5	ND	1	65	1	2	2	79	.37	.158	4	20	.84	49	.11	2	4.85	.01	.06	1	1
L16N 76+75E	6	15	18	72	.2	8	13	1838	4.61	9	5	ND	1	12	1	2	2	81	.08	.036	8	16	.54	74	.07	4	2.19	.01	.07	1	15
L16N 77+00E	5	15	16	128	.1	18	10	844	3.96	5	5	ND	1	20	1	2	3	59	.18	.044	9	33	1.16	81	.05	4	2.11	.01	.07	1	3
L16N 77+25E	4	5	13	36	.2	2	4	221	2.68	3	5	ND	1	11	1	2	4	65	.07	.026	9	11	.27	49	.09	3	1.04	.01	.05	1	7
L16N 77+50E	6	19	20	38	.4	3	4	785	2.00	6	6	ND	1	11	1	2	5	47	.09	.030	11	12	.18	45	.05	4	1.30	.01	.03	2	3
L16N 77+75E	5	16	12	65	.3	7	5	397	3.18	6	5	ND	1	16	1	2	3	63	.10	.028	10	13	.49	56	.06	3	1.67	.01	.05	1	11
L16N 78+00E	1	11	16	56	.2	3	8	391	5.84	9	5	ND	1	11	1	2	2	117	.08	.059	10	15	.60	50	.13	2	1.68	.01	.06	1	12
L16N 78+25E	1	7	10	47	.4	2	3	350	3.02	4	5	ND	1	17	1	2	2	43	.23	.050	6	8	.19	74	.01	4	1.57	.01	.03	1	1
L16N 78+50E	1	4	13	37	.1	1	3	146	2.90	2	5	ND	1	5	1	2	2	46	.05	.038	3	4	.18	48	.01	3	1.36	.01	.06	1	1
L16N 78+75E	2	17	20	59	.3	5	7	228	7.74	10	5	ND	1	14	1	2	2	109	.14	.077	8	16	.31	98	.08	4	1.89	.01	.04	1	1
L16N 79+00E	1	3	20	47	.4	1	2	88	2.51	2	5	ND	3	6	1	2	2	40	.02	.022	8	4	.11	37	.05	3	1.89	.01	.03	1	2
STD C/AU-S	17	58	36	132	6.5	67	28	1093	4.06	38	18	8	37	47	17	16	18	57	.46	.088	39	55	.90	173	.06	32	1.98	.06	.14	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L16N 79+25E	1	6	23	65	.1	3	3	379	2.56	2	5	ND	1	81	1	2	2	40	.42	.095	13	7	.42	60	.07	4	2.31	.01	.05	1	3
L16N 79+50E	3	30	30	140	.9	9	8	948	3.97	2	5	ND	1	9	1	2	2	61	.07	.079	10	22	.80	62	.03	2	2.85	.01	.06	1	19
L16N 79+75E	2	7	18	31	.5	3	2	135	3.00	3	5	ND	1	9	1	2	2	63	.03	.021	11	11	.12	47	.06	3	2.10	.01	.03	1	1
L16N 80+00E	2	15	19	41	.5	4	3	146	5.20	13	5	ND	1	7	1	2	2	96	.04	.048	8	18	.20	46	.04	3	2.37	.01	.03	1	2
L16N 80+25E	1	6	19	30	.1	7	3	178	4.37	5	5	ND	1	8	1	2	2	103	.03	.020	9	19	.14	32	.09	3	1.22	.01	.03	1	12
L16N 80+50E	3	13	24	44	1.0	5	4	194	5.50	6	5	ND	2	8	1	2	2	83	.03	.032	9	19	.31	37	.06	2	2.62	.01	.05	1	2
L16N 80+75E	3	25	32	99	1.7	8	5	301	4.04	16	5	ND	1	17	1	2	2	52	.15	.051	14	17	.46	89	.02	5	2.76	.01	.05	1	4
L16N 81+00E	2	21	28	40	1.6	4	3	163	3.10	8	5	ND	1	15	1	2	2	45	.08	.048	12	14	.20	54	.03	3	1.81	.01	.03	1	9
L16N 81+25E	1	14	27	66	3.4	8	4	231	2.15	5	5	ND	1	20	1	2	2	36	.11	.062	12	15	.45	95	.01	6	1.76	.01	.05	1	1
L16N 81+50E	2	66	29	39	2.2	7	3	136	3.22	2	5	ND	1	19	1	2	2	48	.10	.041	14	19	.17	83	.03	2	1.40	.01	.04	1	4
L16N 81+75E	1	10	18	30	.2	3	3	186	3.56	8	5	ND	1	9	1	2	2	88	.03	.032	9	15	.11	48	.07	4	1.13	.01	.01	1	1
L16N 82+00E	1	15	23	41	.5	4	3	193	3.29	7	5	ND	1	7	1	3	2	55	.04	.084	10	11	.20	46	.03	3	1.48	.01	.04	1	1
L15N 76+75E	16	7	17	37	.2	2	25	10500	5.19	9	5	ND	1	10	1	2	2	45	.05	.050	8	12	.24	102	.03	3	1.39	.01	.05	1	1
L15N 77+25E	12	21	22	72	.3	6	6	633	3.80	6	5	ND	1	16	1	2	2	62	.14	.048	9	18	.52	77	.04	3	2.34	.01	.04	1	1
L15N 77+50E	2	13	19	39	.7	4	3	163	4.42	6	5	ND	2	9	1	2	2	69	.03	.023	8	21	.19	52	.04	2	4.49	.01	.02	1	5
L15N 77+75E	1	93	39	206	.7	27	24	1872	9.65	3	5	ND	1	6	1	2	2	188	.08	.065	2	52	2.81	44	.07	2	5.06	.01	.04	1	1
L15N 78+00E	1	29	31	105	1.2	13	10	428	4.64	12	5	ND	4	10	1	2	2	81	.07	.040	8	22	.76	80	.08	2	3.76	.01	.07	1	3
L15N 78+25E	1	16	29	44	.5	5	7	269	6.53	13	5	ND	2	9	1	2	2	111	.04	.045	5	24	.30	65	.07	3	2.80	.01	.02	1	9
L15N 78+50E	2	19	19	35	.4	8	5	208	5.94	10	5	ND	2	9	1	2	2	144	.03	.038	10	16	.23	55	.10	3	1.86	.01	.03	1	1
L15N 78+75E	1	8	19	22	.4	3	3	121	4.32	4	5	ND	3	9	1	3	2	77	.04	.020	9	18	.11	46	.04	5	1.67	.01	.03	1	1
L15N 79+00E	1	33	24	51	.5	6	6	349	4.46	9	5	ND	2	12	1	2	2	69	.05	.058	19	18	.38	52	.07	2	2.40	.01	.04	2	1
L15N 79+25E	2	22	31	68	1.0	7	8	463	6.70	22	5	ND	4	9	1	2	2	85	.06	.121	8	31	.43	57	.08	4	4.23	.01	.05	1	1
L15N 79+50E	2	13	28	60	.2	5	7	305	6.30	13	5	ND	1	8	1	2	2	80	.04	.031	8	20	.39	46	.07	2	2.83	.01	.02	1	12
L15N 79+75E	2	14	32	52	.2	4	4	183	4.71	11	5	ND	3	7	1	2	2	70	.04	.039	11	20	.26	48	.03	3	2.37	.01	.03	1	45
L15N 80+00E	1	26	32	95	.2	7	9	445	5.15	17	5	ND	1	10	1	2	2	83	.08	.045	8	22	.72	59	.07	3	3.34	.01	.05	1	7
L15N 80+25E	2	11	22	31	.5	3	3	130	3.41	4	5	ND	1	8	1	3	2	65	.04	.022	9	11	.19	41	.04	5	1.38	.01	.04	1	8
L15N 80+50E	2	25	61	108	.3	9	7	463	4.40	12	5	ND	1	10	1	2	2	52	.08	.086	11	25	.60	83	.02	3	3.75	.02	.05	1	1
L15N 80+75E	2	16	25	51	.8	6	8	481	8.33	16	5	ND	1	14	1	2	2	109	.07	.072	7	25	.46	77	.11	4	3.17	.01	.04	1	1
L15N 81+00E	1	16	25	67	.6	6	12	3630	5.18	8	5	ND	1	24	1	2	2	86	.15	.063	11	21	.55	116	.07	4	1.76	.01	.05	1	1
L15N 81+25E	2	16	23	44	.9	3	6	330	6.17	9	5	ND	3	9	1	2	2	111	.04	.037	9	21	.24	70	.08	2	2.83	.01	.04	1	1
L15N 81+50E	2	22	36	50	1.2	4	7	492	9.11	16	5	ND	2	9	1	2	2	127	.05	.095	7	21	.30	94	.10	2	2.20	.01	.04	1	1
L15N 81+75E	1	37	40	149	.5	9	6	994	3.41	15	5	ND	3	8	1	3	2	51	.08	.084	9	20	.57	79	.04	5	4.43	.01	.05	1	26
L15N 82+00E	2	170	231	413	16.9	5	17	2359	4.14	15	5	ND	2	63	3	2	3	46	.68	.085	25	9	.82	102	.08	4	2.23	.01	.10	1	450
L14N 76+50E	3	28	25	70	.4	7	5	229	2.42	11	5	ND	1	16	1	3	2	68	.12	.062	17	20	.51	79	.02	3	2.27	.01	.03	1	14
L14N 76+75E	9	16	24	66	.4	5	5	282	3.67	8	5	ND	1	24	1	2	2	71	.23	.061	10	16	.53	77	.04	3	1.78	.01	.05	2	4
L14N 77+00E	13	10	15	42	.2	3	3	195	3.32	5	5	ND	1	9	1	2	3	80	.04	.020	12	12	.24	43	.04	5	1.40	.01	.04	1	1
STD C/AU-S	17	57	37	132	7.1	67	27	1097	4.04	39	17	8	36	47	17	16	17	56	.46	.088	39	56	.90	176	.06	31	1.91	.06	.14	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L14N 77+25E	2	8	15	25	.7	3	2	115	1.40	4	5	ND	1	10	1	2	2	30	.05	.028	10	9	.18	39	.03	2	1.47	.01	.04	1	40
L14N 77+50E	3	21	15	79	.5	12	6	562	3.25	5	5	ND	1	15	1	2	3	66	.09	.042	10	20	.70	72	.06	3	2.17	.01	.09	1	6
L14N 77+75E	2	18	15	63	.4	7	5	250	3.42	5	5	ND	1	8	1	2	3	50	.06	.043	11	16	.51	57	.03	3	3.08	.01	.06	2	5
L14N 78+00E	2	17	9	26	.5	2	2	165	2.02	4	7	ND	1	8	1	2	2	33	.04	.024	15	9	.11	47	.02	2	1.66	.01	.04	2	6
L14N 78+25E	2	25	24	95	.4	8	5	410	3.06	7	5	ND	1	13	1	2	5	42	.09	.050	15	14	.60	58	.02	5	2.29	.01	.07	1	5
L14N 78+50E	3	10	23	107	.1	4	5	1646	3.27	5	5	ND	1	10	1	2	2	38	.07	.034	14	7	.54	76	.01	2	1.90	.01	.05	1	9
L14N 78+75E	1	10	15	37	.2	5	3	232	4.05	4	5	ND	1	11	1	2	2	65	.05	.029	9	15	.23	61	.05	2	1.83	.01	.03	1	5
L14N 79+00E	5	67	38	67	6.3	5	7	956	3.49	10	5	ND	1	6	1	3	2	41	.04	.185	19	24	.33	49	.01	2	5.57	.01	.04	1	15
L14N 79+25E	1	31	20	117	.6	13	11	633	4.53	13	5	ND	1	10	1	2	4	69	.07	.081	7	26	.99	54	.08	2	3.30	.01	.05	1	6
L14N 79+50E	1	55	20	125	.6	12	10	859	4.14	15	5	ND	1	24	1	3	2	72	.23	.087	17	23	.65	66	.05	4	2.09	.01	.06	1	17
L14N 79+75E	1	18	15	70	.5	10	6	430	3.50	8	5	ND	1	15	1	2	2	58	.08	.036	10	18	.52	52	.05	3	1.69	.01	.05	1	7
L14N 80+00E	2	23	18	65	1.1	7	8	368	7.63	20	5	ND	1	13	1	2	2	101	.05	.054	10	22	.44	64	.07	5	3.34	.01	.05	1	3
L14N 80+25E	2	26	18	91	.4	9	7	372	4.34	15	5	ND	1	13	1	2	2	61	.11	.090	13	19	.58	66	.05	4	3.11	.01	.06	1	40
L14N 80+50E	3	32	20	96	.9	8	9	409	5.68	17	5	ND	1	13	1	2	2	75	.07	.070	14	22	.55	64	.04	2	3.29	.01	.06	1	13
L14N 80+75E	4	32	25	77	1.8	10	9	1068	4.31	11	5	ND	1	15	1	2	2	67	.09	.066	14	23	.48	62	.03	5	2.97	.01	.04	1	6
L14N 81+00E	1	17	20	49	.8	10	4	231	4.26	10	5	ND	1	13	1	2	3	78	.08	.033	9	16	.37	60	.04	3	1.58	.01	.05	2	4
L14N 81+25E	1	12	11	66	.2	8	7	404	5.13	7	5	ND	2	13	1	2	2	95	.06	.023	9	20	.42	53	.09	3	1.45	.01	.04	1	17
L14N 81+50E	1	21	31	115	.2	10	6	926	3.50	11	5	ND	1	10	1	2	2	54	.09	.050	13	16	.54	76	.02	2	1.95	.01	.07	1	5
L14N 81+75E	1	43	31	224	.9	7	20	2428	6.91	5	5	ND	1	19	1	2	2	69	.67	.086	12	8	1.96	46	.07	2	2.07	.01	.10	1	36
L14N 82+00E	2	28	21	88	1.3	7	8	313	5.68	11	5	ND	2	8	1	2	2	96	.05	.138	8	19	.42	77	.06	5	3.10	.01	.04	1	7
L14N 82+25E	1	22	20	91	1.1	6	5	305	3.94	10	5	ND	2	8	1	2	2	58	.05	.063	11	15	.43	79	.04	2	3.49	.01	.05	1	9
L13N 76+75E	3	45	26	97	.4	10	6	342	2.27	5	7	ND	1	31	1	2	5	61	.26	.082	16	17	.71	100	.04	3	2.86	.01	.07	2	9
L13N 77+00E	4	16	14	56	.6	7	7	241	5.58	12	5	ND	1	11	1	2	2	93	.05	.026	7	20	.39	62	.07	2	1.78	.01	.03	1	10
L13N 78+00E	1	7	18	43	.2	7	3	153	1.54	4	7	ND	1	20	1	2	2	45	.09	.030	10	16	.39	81	.04	4	1.70	.01	.05	2	22
L13N 78+75E	1	21	26	64	.4	7	6	271	5.15	18	5	ND	2	12	1	2	3	70	.06	.107	6	23	.38	70	.05	2	4.61	.01	.04	1	8
L13N 79+25E	1	69	26	188	.4	5	9	2014	3.40	8	5	ND	1	8	1	2	2	33	.05	.058	38	8	1.05	57	.01	2	2.55	.01	.09	1	14
L13N 79+50E	1	69	36	83	1.6	5	5	1234	3.66	6	5	ND	1	5	1	2	2	55	.03	.078	9	10	.40	51	.01	5	1.92	.01	.04	1	10
L13N 79+75E	1	28	32	136	.7	7	6	535	3.56	7	5	ND	2	4	1	2	2	42	.04	.045	14	11	.59	65	.01	2	2.76	.01	.07	1	3
L13N 80+00E	1	5	10	19	.2	2	2	95	2.53	4	5	ND	1	5	1	2	2	49	.03	.010	11	9	.08	30	.04	2	1.11	.01	.03	1	32
L13N 80+25E	2	19	27	66	.1	5	6	631	6.48	10	5	ND	1	7	1	2	2	132	.03	.042	9	14	.28	66	.04	6	2.27	.01	.09	1	2
L13N 80+75E	3	24	24	56	1.1	7	7	323	8.77	19	5	ND	3	10	1	2	3	126	.05	.102	6	25	.45	51	.11	3	3.05	.01	.04	1	6
L13N 81+00E	6	34	46	60	2.4	9	13	1389	4.47	13	5	ND	1	19	1	2	2	108	.07	.065	10	16	.40	104	.04	2	2.01	.01	.09	2	7
L13N 81+25E	1	17	20	54	.4	8	6	307	6.03	11	5	ND	1	10	1	2	2	81	.04	.035	6	20	.38	50	.05	6	2.46	.01	.02	1	11
L13N 81+50E	2	19	15	44	.8	6	4	301	5.29	11	5	ND	1	10	1	2	2	72	.05	.063	6	23	.25	70	.06	3	4.25	.01	.03	3	3
L13N 81+75E	6	23	16	85	.6	9	7	1139	3.47	9	5	ND	1	27	1	2	2	65	.33	.087	11	17	.47	110	.05	5	1.50	.01	.04	1	13
L13N 82+00E	4	206	352	266	8.1	2	9	1769	2.55	9	5	ND	3	4	3	2	4	13	.04	.024	47	2	.18	72	.01	9	.67	.01	.11	1	580
STD C/AU-S	17	58	37	132	7.1	68	28	1094	4.08	41	20	7	37	47	17	16	19	57	.46	.086	39	56	.90	174	.06	31	1.95	.06	.13	13	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L13N 82+25E	2	179	139	329	9.0	12	19	2077	4.64	16	5	ND	1	22	2	2	2	60	.33	.064	16	16	.77	120	.04	5	1.41	.01	.10	1	887
L13N 82+50E	6	30	52	143	1.4	7	6	850	3.46	8	5	ND	1	14	1	2	2	53	.15	.043	23	14	.48	81	.03	2	1.25	.01	.05	1	128
L12N 76+50E	1	30	33	101	1.3	13	9	590	4.62	16	5	ND	1	11	1	2	2	73	.06	.069	8	24	.65	80	.04	2	3.32	.01	.06	1	18
L12N 76+75E	4	26	22	55	.8	5	5	301	4.28	7	5	ND	1	14	1	2	2	57	.05	.061	7	16	.31	71	.03	2	2.45	.01	.03	1	16
L12N 77+00E	2	25	21	95	.8	10	9	584	5.68	10	5	ND	1	12	1	2	2	78	.05	.047	9	24	.55	71	.03	3	3.12	.01	.05	1	6
L12N 77+25E	1	21	24	62	.6	4	7	331	6.68	14	5	ND	2	15	1	2	2	103	.06	.094	7	23	.29	75	.06	2	3.17	.01	.04	1	36
L12N 77+50E	1	44	31	137	.7	13	11	794	4.52	14	5	ND	1	14	1	2	2	68	.16	.117	10	21	.72	129	.03	4	3.05	.01	.08	1	8
L12N 77+75E	7	33	20	113	.2	8	7	509	3.71	9	5	ND	1	42	1	2	2	66	.28	.076	10	17	.66	101	.04	3	2.19	.01	.06	1	67
L12N 78+00E	2	25	20	61	1.4	7	9	716	5.00	10	5	ND	1	35	1	2	2	76	.13	.109	6	18	.41	73	.07	2	2.70	.01	.06	1	8
L12N 78+25E	1	17	22	53	.2	6	6	274	5.56	12	5	ND	1	11	1	2	2	99	.07	.065	7	19	.35	78	.06	3	2.05	.01	.05	1	12
L12N 78+50E	3	30	22	53	2.5	4	7	313	8.00	11	5	ND	1	11	1	2	2	139	.07	.054	11	21	.28	47	.07	3	3.11	.01	.04	1	31
L12N 78+75E	3	14	12	31	.5	3	3	188	4.94	4	5	ND	1	11	1	2	2	105	.04	.033	9	15	.13	58	.08	2	1.49	.01	.04	1	1
L12N 79+00E	2	15	18	40	.5	5	7	281	8.00	9	5	ND	2	8	1	2	3	137	.03	.042	6	24	.24	39	.07	2	1.98	.01	.03	1	1
L12N 79+25E	4	27	24	52	.7	7	7	262	8.41	19	5	ND	2	8	1	2	2	118	.04	.048	7	26	.29	50	.06	2	3.68	.01	.04	1	13
L12N 79+50E	4	12	15	35	.3	1	6	229	6.39	7	5	ND	1	10	1	2	2	147	.03	.047	8	17	.18	51	.10	2	1.60	.01	.04	1	3
L12N 79+75E	3	17	18	41	.4	6	5	220	6.15	13	5	ND	1	11	1	2	3	101	.05	.050	7	24	.24	56	.06	2	3.25	.01	.04	1	6
L12N 80+00E	28	35	8	81	.3	10	10	572	3.69	8	5	ND	1	21	1	2	2	82	.28	.075	9	13	1.00	55	.02	2	1.56	.01	.04	1	1
L12N 80+50E	3	14	15	31	.5	4	6	190	7.27	7	5	ND	1	9	1	2	2	125	.03	.030	8	20	.18	45	.08	2	2.24	.01	.04	1	6
L12N 80+75E	8	33	6	24	1.1	7	3	170	1.81	7	5	ND	1	18	1	2	3	36	.18	.150	19	11	.26	70	.01	2	1.18	.01	.02	1	1
L12N 81+00E	3	14	19	44	.2	4	4	184	5.07	8	5	ND	1	10	1	2	2	99	.04	.023	9	17	.31	45	.04	2	2.14	.01	.04	1	15
L12N 81+50E	6	13	24	33	.8	7	4	136	5.39	9	5	ND	1	10	1	3	2	135	.04	.038	8	18	.24	83	.06	2	1.76	.01	.04	1	1
L12N 81+75E	3	25	24	79	.3	13	5	323	3.70	6	5	ND	1	20	1	2	2	59	.10	.027	8	21	.59	106	.04	2	2.33	.01	.04	1	10
L12N 82+00E	1	33	35	105	.2	8	11	1126	3.51	9	5	ND	1	21	1	2	2	60	.30	.072	13	15	.59	98	.07	11	1.32	.02	.09	1	9
L12N 82+50E	1	32	22	99	1.6	10	9	452	3.90	11	5	ND	1	16	1	2	2	65	.09	.040	9	22	.53	85	.06	3	2.17	.01	.04	1	20
L11N 76+50E	13	83	22	118	.5	8	10	788	3.93	6	5	ND	3	66	1	2	6	69	.62	.117	13	16	.72	188	.08	2	1.78	.01	.12	2	28
L11N 76+75E	7	34	31	123	.3	9	11	966	3.68	11	5	ND	1	52	1	2	2	65	.35	.089	11	16	.70	113	.06	2	2.08	.01	.06	3	18
L11N 77+00E	4	25	20	56	1.0	11	6	344	4.44	10	5	ND	1	28	1	2	2	87	.08	.065	7	23	.68	87	.06	2	1.83	.01	.04	1	1
L11N 77+25E	5	29	21	116	.1	10	11	716	5.97	9	5	ND	3	24	1	2	9	90	.12	.045	9	22	.68	91	.06	2	3.30	.01	.08	2	1
L11N 77+50E	29	30	23	97	.5	11	13	1730	5.58	9	5	ND	1	18	1	2	5	85	.10	.071	9	21	.61	93	.05	2	3.33	.01	.06	2	7
L11N 77+75E	1	15	4	77	.1	7	14	301	5.18	2	5	ND	1	6	1	2	2	160	.11	.100	3	7	1.62	26	.21	2	2.05	.01	.02	1	1
L11N 78+00E	35	618	19	143	.2	21	24	2125	4.32	12	30	ND	1	33	1	4	2	82	.36	.157	23	29	1.02	111	.04	2	4.31	.01	.10	3	42
L11N 78+25E	10	28	19	52	.4	6	7	423	9.16	12	5	ND	2	50	1	2	3	134	.05	.042	7	31	.45	85	.12	3	2.76	.01	.04	1	1
L11N 78+50E	3	20	20	55	.4	8	8	518	5.17	13	5	ND	1	22	1	2	2	89	.16	.069	7	21	.39	93	.06	2	2.45	.01	.04	1	1
L11N 78+75E	2	14	12	32	.4	4	2	134	3.31	6	5	ND	1	12	1	2	2	68	.04	.042	9	15	.16	56	.03	2	2.07	.01	.05	1	1
L11N 79+00E	5	40	23	82	1.0	11	8	493	5.11	20	5	2	1	19	1	2	3	82	.15	.099	10	27	.68	83	.06	2	4.20	.01	.04	1	12
L11N 79+25E	6	20	16	38	.7	6	6	242	6.02	11	5	ND	1	13	1	2	5	133	.05	.045	9	20	.25	78	.07	2	2.11	.01	.04	1	1
STD C/AU-S	17	58	38	132	7.1	67	29	1089	4.07	38	20	8	36	47	17	17	19	58	.46	.088	39	57	.90	175	.06	33	1.93	.06	.14	12	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L11N 79+50E	15	31	22	37	1.3	3	4	326	4.90	8	5	ND	1	21	1	2	2	84	.15	.043	10	18	.22	81	.06	2	1.73	.01	.05	1	31
L11N 79+75E	3	6	9	16	.1	3	2	93	1.99	2	5	ND	1	14	1	2	2	50	.08	.017	9	9	.08	59	.05	2	.82	.01	.03	1	12
L11N 80+25E	3	15	2	7	.5	2	1	117	.39	2	5	ND	1	26	1	2	3	7	.45	.074	7	2	.03	53	.01	3	.47	.01	.01	1	1
L11N 80+50E	347	22	27	43	.2	2	33	12294	15.84	35	5	ND	1	12	1	2	4	145	.07	.063	5	11	.11	147	.03	2	1.62	.01	.04	2	1
L11N 80+75E	9	10	17	57	.4	5	5	340	3.52	3	5	ND	1	14	1	2	2	59	.09	.019	7	13	.48	64	.06	2	1.41	.01	.05	1	4
L11N 81+00E	33	22	31	105	.1	13	12	466	4.89	23	5	ND	1	19	1	2	2	128	.18	.020	11	27	.74	109	.04	2	2.49	.01	.04	1	6
L11N 82+00E	2	17	24	50	.3	7	4	513	2.80	5	5	ND	1	13	1	2	3	51	.07	.037	10	16	.31	81	.04	4	1.41	.01	.03	2	6
L11N 82+25E	1	25	24	100	2.0	10	6	467	3.83	8	5	ND	1	17	1	2	2	58	.10	.068	13	24	.65	69	.05	3	2.82	.01	.06	1	17
L10N 76+50E	23	26	26	111	.2	10	11	1202	4.10	6	5	ND	1	52	1	2	4	70	.24	.071	9	17	.66	100	.05	6	2.17	.01	.08	2	2
L10N 76+75E	2	15	16	31	.5	5	3	148	3.32	5	5	ND	1	12	1	2	2	60	.04	.035	9	14	.16	42	.04	2	1.91	.01	.04	2	1
L10N 77+00E	11	39	12	77	.6	12	12	387	4.40	2	5	ND	1	43	1	2	3	99	.51	.095	6	20	1.22	132	.16	4	3.16	.01	.22	1	5
L10N 77+00EA	1	19	16	70	1.4	10	5	306	2.27	3	5	ND	1	29	1	2	2	42	.16	.070	10	21	.60	64	.05	4	2.72	.01	.06	1	14
L10N 77+25E	2	6	20	27	.2	5	3	160	1.94	4	5	ND	1	24	1	2	2	48	.07	.032	9	10	.21	77	.04	3	1.31	.01	.04	1	16
L10N 77+50E	3	14	18	28	.4	4	3	187	4.74	3	5	ND	2	50	1	2	2	112	.04	.026	8	17	.14	88	.07	2	1.97	.01	.04	1	28
L10N 77+75E	2	9	15	16	.3	3	2	98	2.40	3	5	ND	1	12	1	2	2	49	.03	.019	9	11	.05	31	.04	2	1.20	.01	.01	2	1
L10N 78+25E	5	29	5	62	.1	3	12	1991	3.71	2	5	ND	1	20	1	2	2	95	.30	.087	3	4	1.06	103	.22	5	1.34	.01	.10	4	3
L10N 79+50E	10	17	27	54	.5	3	4	247	3.74	3	5	ND	1	18	1	2	3	70	.09	.047	7	11	.39	61	.04	3	2.32	.01	.04	2	7
L10N 79+75E	8	20	31	43	.7	3	3	266	3.80	6	5	ND	1	9	1	2	2	57	.07	.039	8	7	.20	62	.03	2	1.79	.01	.05	1	26
L10N 80+00E	1	3	2	56	.1	2	11	304	5.67	2	5	ND	1	12	1	2	3	111	.22	.071	4	2	.88	182	.22	2	1.17	.02	.26	1	1
L10N 80+25E	4	113	16	81	1.2	9	13	508	4.03	2	5	ND	1	15	1	2	2	87	.26	.060	11	14	1.07	64	.15	2	2.57	.01	.08	2	1
L10N 80+50E	3	19	22	75	.6	6	9	422	7.98	11	5	ND	2	8	1	2	2	147	.04	.029	7	19	.85	42	.17	2	1.94	.01	.04	1	1
L10N 80+75E	2	22	29	75	1.3	8	7	630	5.70	12	5	ND	1	10	1	3	2	94	.07	.068	9	18	.44	58	.03	2	2.29	.01	.07	1	3
L10N 81+00E	3	19	23	43	.4	5	6	252	6.63	10	5	ND	1	10	1	2	2	105	.06	.046	7	17	.26	53	.06	4	1.98	.01	.05	1	2
L10N 81+25E	5	114	35	202	.6	17	14	1230	5.86	12	5	ND	1	22	1	3	2	93	.15	.058	9	22	1.17	203	.02	3	3.48	.01	.15	1	8
L10N 81+50E	2	15	15	42	.8	4	3	194	3.53	5	5	ND	1	14	1	3	2	63	.06	.027	11	13	.20	51	.05	3	1.64	.01	.05	2	1
L10N 81+75E	2	14	20	31	4.0	3	3	155	1.78	2	5	ND	1	23	1	3	2	28	.09	.075	10	11	.20	62	.01	2	1.47	.01	.06	1	3
L10N 82+00E	1	25	27	90	.4	12	9	394	5.22	10	5	ND	1	17	1	3	2	85	.11	.061	9	25	.72	81	.04	2	2.29	.01	.06	1	1
L10N 82+25E	2	21	29	97	.6	7	7	485	5.03	8	5	ND	2	20	1	2	2	75	.12	.054	8	16	.53	69	.06	2	2.11	.01	.05	1	7
L10N 82+50E	2	17	22	90	.6	11	11	905	6.47	8	5	ND	1	20	1	2	2	85	.17	.075	8	20	.75	72	.07	3	1.61	.01	.06	1	8
L9N 76+50E	2	15	20	46	.3	6	8	722	7.65	12	5	ND	1	18	1	2	2	155	.06	.128	6	22	.30	58	.13	2	1.55	.01	.04	1	14
L9N 76+75E	2	27	19	40	1.4	7	7	425	8.01	4	5	ND	1	23	2	2	2	94	.05	.062	6	27	.27	83	.07	2	3.28	.01	.04	1	1
L9N 77+00E	3	17	21	74	.4	15	16	1220	4.35	3	5	ND	1	40	1	3	2	85	.21	.041	8	21	.68	82	.08	3	1.82	.03	.07	1	17
L9N 77+25E	4	25	32	122	.8	13	12	744	4.11	4	5	ND	1	29	1	2	2	78	.14	.050	11	24	.80	88	.04	2	2.88	.01	.08	1	8
L9N 77+50E	1	20	15	48	.4	12	9	561	5.00	9	5	ND	1	30	1	3	2	100	.10	.079	6	36	.53	131	.08	4	1.78	.01	.05	1	1
L9N 77+75E	1	7	15	27	.2	3	3	156	2.79	4	5	ND	1	21	1	2	2	71	.11	.023	9	15	.17	67	.09	4	1.11	.01	.04	2	20
L9N 78+00E	2	32	23	55	1.6	8	5	291	4.25	8	5	ND	1	18	1	4	2	71	.06	.061	11	30	.40	57	.05	6	2.78	.01	.08	1	1
STD C/AU-S	17	57	35	132	7.2	68	27	1093	4.03	38	17	7	36	48	17	16	18	57	.46	.088	40	57	.90	175	.06	32	1.94	.06	.13	13	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L9N 78+25E	2	39	24	96	1.0	24	14	747	5.98	15	5	ND	1	68	1	2	2	94	.14	.052	8	44	1.34	87	.07	5	3.45	.01	.08	1	4
L9N 78+50E	1	15	24	64	.1	10	10	613	5.17	9	5	ND	1	39	1	2	2	109	.09	.099	7	27	.63	89	.08	2	1.63	.01	.08	1	24
L9N 78+75E	3	39	19	61	.7	8	9	476	5.12	6	5	ND	1	18	1	2	2	64	.08	.084	12	36	.55	53	.05	2	5.45	.01	.04	1	4
L9N 79+00E	5	35	27	96	.3	13	11	538	5.38	15	5	ND	1	18	1	2	2	79	.11	.079	10	27	.68	71	.06	3	3.96	.01	.06	1	37
L9N 79+25E	7	7	20	38	.1	3	5	398	2.40	2	5	ND	1	29	1	2	2	52	.09	.053	7	8	.34	70	.13	2	1.44	.01	.06	1	5
L9N 79+50E	5	28	22	102	.1	12	13	785	4.74	13	5	ND	1	18	1	2	2	77	.13	.081	10	19	.80	79	.07	2	3.15	.01	.07	1	4
L9N 79+75E	2	25	19	65	.1	7	9	421	8.50	16	5	ND	1	19	1	2	2	109	.07	.061	6	28	.48	61	.08	2	2.01	.01	.03	1	5
L9N 80+00E	1	8	11	58	.1	7	12	507	5.04	2	5	ND	1	16	1	2	2	103	.27	.105	4	18	1.00	44	.16	6	2.29	.01	.03	1	15
L9N 80+25E	1	19	18	48	.2	7	8	412	5.86	8	5	ND	1	12	1	2	2	99	.07	.062	6	19	.37	44	.07	3	2.68	.01	.02	2	87
L9N 80+50E	2	15	20	61	.1	6	9	781	6.46	14	5	ND	1	10	1	2	3	96	.07	.081	6	18	.52	51	.06	2	2.11	.01	.03	1	2
L9N 80+75E	1	34	29	108	.9	9	11	3491	4.54	18	5	ND	1	20	1	2	2	75	.11	.089	10	20	.68	101	.02	2	2.44	.01	.07	1	6
L9N 81+00E	1	10	17	25	2.3	4	2	185	2.25	5	5	ND	1	12	1	2	2	58	.12	.027	8	10	.16	41	.06	3	1.12	.01	.04	1	6
L9N 81+25E	2	16	25	56	.6	5	7	499	6.91	13	5	ND	1	14	1	3	2	93	.05	.048	9	21	.34	67	.06	2	2.22	.01	.05	1	26
L9N 81+50E	2	22	23	56	.4	6	6	439	5.66	15	5	ND	1	16	1	2	2	75	.15	.102	6	19	.31	78	.04	3	1.97	.01	.04	1	5
L9N 81+75E	2	23	18	46	.1	5	7	273	7.07	9	5	ND	1	18	1	3	2	106	.07	.047	7	23	.24	122	.06	2	1.64	.01	.02	1	3
L9N 82+00E	2	11	22	44	.3	5	4	259	4.20	10	5	ND	1	19	1	2	3	103	.08	.034	7	17	.33	64	.07	2	1.74	.01	.03	1	10
L9N 82+25E	5	27	35	123	.4	8	8	560	3.89	9	5	ND	1	27	1	2	2	71	.19	.063	9	16	.66	82	.04	3	2.05	.01	.08	1	8
L9N 82+50E	1	87	42	167	.3	12	12	1599	4.25	14	5	ND	1	30	1	2	2	70	.42	.072	16	17	.99	149	.05	3	1.63	.02	.10	1	19
L8N 76+50E	3	23	16	43	.7	7	8	660	6.35	11	5	ND	1	22	1	2	2	75	.07	.071	6	25	.34	78	.07	6	3.17	.01	.04	2	1
L8N 76+75E	2	13	18	34	1.0	6	3	176	2.32	4	5	ND	1	25	1	2	2	62	.06	.063	6	27	.25	89	.05	4	2.61	.01	.03	1	7
L8N 77+00E	2	35	27	75	.9	11	11	1098	5.18	13	5	ND	1	24	1	2	2	86	.16	.159	8	36	.52	89	.06	2	5.14	.01	.04	1	6
L8N 77+25E	33	42	25	83	1.8	9	16	2763	3.57	7	5	ND	1	37	1	2	2	68	.13	.142	24	36	.55	94	.02	5	3.62	.01	.07	1	4
L8N 77+50E	2	14	19	43	2.8	10	5	313	3.39	6	5	ND	1	29	1	2	2	78	.07	.039	9	27	.40	73	.10	8	2.24	.01	.05	1	1
L8N 77+75E	2	8	19	34	.3	5	3	298	2.23	2	5	ND	1	31	1	2	2	60	.07	.033	6	14	.29	67	.10	2	1.29	.01	.05	1	2
L8N 78+00E	1	1	5	13	.1	1	1	66	1.03	2	5	ND	1	11	1	2	2	28	.06	.032	2	4	.07	29	.05	9	.24	.01	.03	1	1
L8N 78+25E	3	12	28	39	.2	7	6	815	2.76	4	6	ND	1	32	1	3	2	79	.09	.044	7	19	.40	77	.10	2	1.53	.01	.06	1	1
L8N 78+50E	2	26	28	80	.2	7	8	531	4.35	9	5	ND	1	24	1	2	2	72	.08	.063	10	29	.52	61	.05	4	3.78	.01	.04	1	12
L8N 78+75E	2	15	22	50	.6	4	4	221	3.01	6	5	ND	1	10	1	2	2	57	.03	.045	11	13	.28	39	.02	4	2.30	.01	.04	1	14
L8N 79+00E	4	19	24	46	.1	4	7	364	6.24	7	5	ND	1	18	1	2	2	88	.08	.063	8	19	.32	55	.07	2	3.07	.01	.03	1	11
L8N 79+25E	1	2	7	10	.3	1	1	85	.35	2	6	ND	1	35	1	2	2	13	.10	.023	5	2	.04	46	.02	3	.55	.01	.04	1	5
L8N 79+50E	2	1	15	22	.1	2	2	290	2.21	2	5	ND	1	99	1	2	2	98	.09	.021	5	9	.16	87	.27	2	.74	.01	.04	1	1
L8N 79+75E	2	16	18	55	.1	6	8	753	7.27	10	5	ND	1	47	1	2	2	133	.12	.144	6	25	.41	127	.14	2	1.84	.01	.05	1	30
L8N 80+00E	2	19	24	56	.3	6	8	425	6.68	12	5	ND	1	21	1	2	2	102	.06	.064	7	24	.38	87	.07	3	1.74	.01	.05	1	4
L8N 80+25E	2	15	16	56	.8	6	8	407	6.78	9	5	ND	1	23	1	2	2	104	.08	.083	7	27	.34	91	.08	2	2.32	.01	.04	1	12
L8N 80+50E	1	5	17	20	.2	2	2	160	2.04	2	5	ND	1	21	1	2	4	48	.08	.014	9	10	.12	80	.08	2	.95	.01	.02	1	2
L8N 80+75E	2	19	25	54	.2	4	7	493	6.42	12	5	ND	1	18	1	2	2	118	.08	.050	7	24	.32	71	.08	7	1.68	.01	.04	2	8
L8N 81+00E	1	27	27	95	.7	7	10	616	6.75	18	5	ND	1	27	1	2	2	123	.26	.139	7	24	.46	107	.07	2	1.68	.01	.06	1	28
STD C/AU-S	17	57	37	132	7.1	67	27	1088	4.04	38	17	7	37	47	17	17	18	57	.46	.068	39	56	.89	173	.06	34	1.91	.06	.14	11	58

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L8N 81+25E	1	46	39	133	.3	15	10	432	4.77	11	5	ND	1	12	1	2	2	76	.10	.062	8	29	.88	62	.03	3	2.97	.01	.06	1	14
L8N 81+50E	4	24	29	78	1.0	7	6	397	3.77	7	5	ND	1	20	1	2	2	64	.10	.037	12	14	.49	86	.04	4	1.82	.01	.06	1	8
L8N 81+75E	4	19	34	84	.7	5	5	325	3.94	8	5	ND	1	22	1	2	2	76	.12	.051	7	14	.45	69	.05	4	1.46	.01	.04	2	37
L8N 82+00E	1	40	43	126	.2	10	14	1239	4.36	19	5	ND	2	31	1	2	2	74	.25	.082	12	21	.63	109	.07	3	3.11	.01	.05	1	42
L8N 82+25E	2	8	19	18	.2	3	2	91	2.60	4	5	ND	1	9	1	2	2	71	.06	.026	7	7	.86	35	.07	2	1.09	.01	.02	1	19
L8N 82+50E	3	30	28	73	2.0	5	4	260	2.79	6	5	ND	1	19	1	3	2	49	.06	.059	8	15	.44	60	.02	4	2.24	.01	.06	1	20
L8N 82+75E	8	77	50	133	1.4	9	14	1816	3.95	14	5	ND	1	20	1	2	4	66	.15	.070	14	18	.64	77	.03	2	2.44	.01	.07	1	17
L8N 83+50E	3	9	22	21	.4	5	3	93	3.17	7	5	ND	1	12	1	2	2	54	.03	.052	6	12	.13	55	.03	3	1.50	.01	.04	1	9
L8N 83+75E	2	16	23	55	.5	6	7	304	6.10	12	5	ND	1	15	1	2	2	88	.05	.025	6	19	.37	63	.07	5	1.82	.01	.02	1	10
L8N 84+00E	2	16	22	47	.7	10	4	208	4.00	5	5	ND	1	17	1	2	2	55	.04	.044	7	16	.32	68	.04	5	1.88	.01	.03	1	6
L7N 76+50E	2	17	19	38	3.9	5	4	329	3.08	3	5	ND	1	27	1	2	2	57	.08	.065	11	19	.22	74	.04	2	2.42	.01	.03	1	6
L7N 76+75E	2	16	18	49	1.3	5	5	368	4.76	5	5	ND	1	27	1	2	2	73	.07	.042	8	20	.30	81	.06	2	2.28	.01	.03	1	4
L7N 77+00E	3	26	25	61	1.8	9	8	908	6.90	8	5	ND	1	28	2	2	2	102	.10	.067	6	28	.34	86	.08	2	2.53	.01	.04	1	4
L7N 77+25E	1	10	24	29	2.8	3	2	142	1.35	3	5	ND	1	35	1	2	2	28	.06	.039	8	11	.19	72	.03	2	1.49	.01	.03	1	4
L7N 77+50E	2	20	16	55	.6	8	7	493	5.04	5	5	ND	1	29	1	2	2	69	.08	.054	6	29	.36	86	.04	4	3.36	.01	.03	1	25
L7N 77+75E	2	22	28	91	3.2	8	6	413	3.08	5	5	ND	1	37	1	3	2	53	.21	.093	10	17	.58	90	.02	2	2.13	.01	.08	1	7
L7N 78+00E	2	22	32	315	5.8	7	7	679	2.75	4	10	ND	1	26	1	2	2	66	.17	.162	13	15	.44	73	.01	2	2.37	.01	.07	1	6
L7N 78+25E	1	14	23	56	.5	9	6	480	3.56	6	5	ND	1	57	1	2	2	77	.16	.043	7	24	.47	155	.06	2	1.46	.01	.05	1	5
L7N 78+50E	2	29	29	91	2.1	7	7	597	3.64	7	5	ND	1	27	1	2	4	64	.09	.058	12	17	.51	75	.03	2	2.52	.01	.07	1	5
L7N 78+75E	3	26	45	132	.6	7	11	880	3.96	10	5	ND	1	25	1	2	2	60	.10	.044	9	16	.67	84	.03	2	2.38	.01	.07	1	6
L7N 79+00E	2	20	40	99	.1	7	12	2536	3.56	6	5	ND	1	23	1	2	3	64	.13	.073	7	13	.47	92	.03	3	1.59	.01	.07	1	9
L7N 79+25E	5	28	36	78	.9	5	10	836	4.94	10	5	ND	1	20	1	2	2	72	.09	.142	8	21	.40	71	.04	3	3.43	.01	.04	2	17
L7N 79+50E	2	6	22	24	.1	2	2	156	2.07	3	5	ND	1	14	1	2	2	46	.05	.024	8	8	.08	40	.04	2	.84	.01	.03	1	8
L7N 79+75E	1	29	24	77	.5	10	8	342	4.25	4	5	ND	1	23	1	2	2	100	.15	.060	7	23	.62	88	.09	2	3.27	.01	.07	1	6
L7N 80+00E	1	31	36	82	1.1	7	11	608	4.61	14	5	ND	1	25	1	2	2	68	.17	.119	7	22	.44	79	.06	9	3.56	.01	.04	1	7
L7N 80+25E	2	15	30	60	.2	6	7	404	6.98	12	5	ND	1	18	1	3	2	147	.06	.068	6	22	.38	63	.09	3	1.71	.01	.04	1	11
L7N 80+50E	1	46	66	151	.1	10	13	1084	4.45	15	5	ND	1	14	1	3	2	75	.12	.047	10	19	.76	81	.06	2	2.13	.01	.07	1	19
L7N 80+75E	2	36	43	98	.1	9	9	470	6.39	14	5	ND	1	12	1	2	2	109	.11	.117	7	21	.60	62	.06	5	2.36	.01	.05	1	4
L7N 81+00E	1	49	53	163	.5	12	15	1392	4.73	16	5	ND	1	26	1	2	2	75	.21	.089	9	20	.82	87	.06	2	2.43	.01	.08	1	16
L7N 81+25E	2	11	24	42	.8	2	5	993	3.02	3	5	ND	1	25	1	2	2	63	.09	.050	9	14	.20	88	.06	6	1.24	.01	.06	1	12
L7N 81+50E	1	7	20	17	.4	3	1	108	1.92	2	6	ND	1	13	1	2	2	44	.03	.018	8	9	.07	61	.07	2	1.20	.01	.03	1	7
L7N 81+75E	9	88	47	136	.7	6	10	658	6.21	9	5	ND	1	17	1	2	2	66	.10	.088	11	17	.68	83	.02	2	2.89	.01	.06	1	16
L7N 82+00E	10	36	50	112	1.8	9	11	3230	3.60	7	5	ND	1	17	1	2	3	58	.10	.073	12	16	.59	82	.02	4	2.17	.01	.07	1	38
L7N 82+25E	12	38	54	147	.6	8	10	1157	4.25	12	5	ND	1	23	1	2	2	72	.20	.067	11	16	.75	88	.02	4	2.34	.01	.07	1	10
L7N 82+50E	11	38	46	153	.7	10	10	576	5.11	15	5	ND	1	17	1	2	3	81	.09	.048	11	19	.87	74	.03	2	2.97	.01	.08	1	8
L7N 82+75E	6	27	53	111	.3	6	9	523	6.09	15	5	ND	1	12	1	2	2	87	.07	.046	10	15	.58	55	.03	2	2.59	.01	.05	1	39
STD C/AU-S	17	57	40	132	7.1	67	27	1049	4.11	38	18	8	36	47	17	19	21	57	.47	.086	39	56	.91	175	.06	38	1.95	.06	.14	11	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L7N 83+50E	11	49	17	57	1.3	9	7	279	4.53	10	5	ND	1	29	1	2	2	79	.13	.055	7	22	.44	96	.06	2	1.70	.01	.04	1	3
L7N 83+75E	3	23	21	60	1.2	5	4	279	3.88	5	5	ND	1	25	1	3	2	46	.13	.029	9	15	.34	69	.04	2	1.49	.01	.04	1	28
L7N 84+00E	2	16	8	56	.1	6	5	396	3.14	3	5	ND	1	47	1	2	2	57	.16	.020	6	13	.37	100	.06	3	1.20	.01	.05	1	4
L7N 84+25E	2	10	14	44	.3	5	7	310	6.11	7	5	ND	3	26	1	2	2	118	.09	.128	6	16	.36	65	.18	2	2.12	.01	.02	1	3
L7N 84+50E	5	15	21	43	.6	5	6	229	6.79	5	5	ND	1	15	1	2	2	138	.05	.043	7	19	.26	50	.08	2	2.48	.01	.04	1	1
L7N 84+75E	2	10	12	34	1.0	4	3	218	2.29	5	5	ND	1	26	1	2	2	40	.10	.036	8	9	.26	62	.07	2	1.19	.01	.04	1	1
L7N 85+00E	2	26	10	67	.1	7	7	429	3.30	3	5	ND	1	44	1	2	2	64	.28	.044	9	13	.52	91	.08	2	1.42	.01	.06	1	2
L7N 85+25E	1	14	21	50	.4	7	5	263	5.16	9	5	ND	1	16	1	2	2	76	.05	.031	6	19	.29	78	.07	2	1.60	.01	.04	1	1
L7N 85+50E	1	6	12	24	.5	2	2	135	1.61	3	5	ND	1	16	1	2	2	31	.05	.013	9	10	.15	46	.05	2	1.11	.01	.03	1	6
STD C/AU-S	18	57	38	134	7.0	67	27	1140	4.03	39	17	8	36	47	17	16	20	56	.46	.086	38	55	.90	176	.06	32	1.95	.06	.13	11	49

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 20 1988 DATE REPORT MAILED: Sept 26/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT 419 File # 88-4633 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L77+50E 18+75N	2	38	54	289	.3	11	8	1764	4.12	16	5	ND	2	20	1	2	2	74	.29	.053	16	17	.67	130	.05	2	2.68	.01	.09	1	5
L77+50E 18+50N	1	112	26	193	.2	13	8	1630	3.61	16	5	ND	1	16	1	2	3	69	.22	.056	17	21	.73	85	.04	2	2.76	.01	.08	1	7
L77+50E 18+25N	1	25	23	70	.5	7	4	251	5.93	12	5	ND	3	8	1	2	3	123	.07	.024	10	18	.31	71	.10	2	1.73	.01	.07	1	3
L77+50E 17+75N	1	39	26	109	.6	14	7	675	4.72	14	5	ND	1	24	1	2	2	118	.25	.029	13	27	.63	86	.15	2	2.25	.01	.06	1	5
L77+50E 17+50N	6	6	17	38	.4	3	2	264	6.21	9	5	ND	2	14	1	2	2	54	.19	.027	11	8	.12	45	.03	2	1.02	.01	.04	1	115
L77+50E 17+25N	1	14	20	74	1.1	5	10	458	3.22	11	5	ND	2	69	1	2	3	61	.46	.161	19	13	.55	108	.07	2	2.40	.01	.12	1	7
L77+50E 16+75N	4	23	32	112	.3	12	7	421	4.28	14	5	ND	1	20	1	2	2	87	.26	.044	12	18	.69	109	.06	2	2.48	.01	.09	1	4
L77+50E 16+50N	6	17	23	141	1.0	26	11	1120	4.97	13	5	ND	1	17	1	2	2	152	.22	.039	9	53	1.23	75	.17	6	2.36	.01	.05	1	89
L77+50E 16+25N	11	18	26	95	.6	12	8	1195	3.64	15	5	ND	1	22	1	2	2	75	.20	.049	11	20	.63	87	.06	2	2.12	.01	.07	1	5
L77+50E 15+75N	9	14	25	70	.4	8	6	985	3.39	14	5	ND	1	23	1	2	2	69	.17	.047	13	15	.47	86	.06	2	1.75	.01	.06	1	12
L77+50E 15+50N	5	23	28	96	1.4	11	7	373	4.32	22	5	ND	2	12	1	2	3	78	.10	.063	11	22	.71	60	.07	2	3.06	.01	.06	1	1
L77+50E 15+25N	7	9	20	57	.6	4	5	1024	2.77	9	5	ND	2	14	1	3	3	59	.13	.041	12	9	.32	61	.08	2	1.39	.01	.07	1	17
L77+50E 14+75N	8	22	40	67	2.5	6	4	536	5.19	16	5	ND	3	14	1	2	3	140	.11	.051	12	25	.34	56	.08	2	4.60	.01	.04	1	11
L77+50E 14+50N	1	22	23	73	.3	6	6	588	3.21	17	5	ND	3	11	1	2	2	51	.10	.047	21	12	.42	72	.04	2	1.86	.01	.10	1	7
L77+50E 14+25N	1	14	23	52	.6	5	3	191	6.38	19	5	ND	2	7	1	2	2	119	.04	.026	12	15	.24	44	.08	2	2.66	.01	.06	1	4
L77+50E 12+75N	6	20	28	59	.4	5	4	244	3.69	7	5	ND	1	21	1	2	3	76	.11	.037	10	10	.29	73	.06	2	1.57	.01	.06	1	5
L77+50E 12+50N	3	10	23	42	.4	4	2	141	2.14	7	5	ND	1	26	1	2	3	58	.13	.039	8	8	.19	67	.06	2	1.12	.01	.06	1	4
L77+50E 12+25N	4	12	28	51	.5	4	3	186	2.68	6	5	ND	1	26	1	3	3	73	.10	.041	9	11	.26	69	.06	2	1.49	.01	.06	1	5
L78+50E 18+75N	4	84	88	161	1.3	7	10	13032	3.82	14	5	ND	1	24	1	2	2	90	.34	.114	17	8	.39	272	.05	3	2.83	.01	.08	1	1
L78+50E 18+50N	1	187	30	207	.7	7	8	1095	6.63	13	5	ND	1	22	1	2	2	95	.41	.066	15	17	.71	135	.05	2	3.02	.01	.06	1	2
L78+50E 18+25N	5	1926	29	438	.7	7	6	12198	1.91	13	5	ND	1	71	13	2	2	27	1.50	.093	22	9	.24	369	.03	2	1.16	.01	.05	1	7
L78+50E 17+75N	1	1709	52	1743	1.3	16	10	4607	3.71	18	5	ND	1	19	6	2	2	62	.38	.099	56	22	.76	167	.03	2	3.21	.01	.09	1	15
L78+50E 17+50N	1	138	88	244	1.1	7	16	2633	5.91	12	5	ND	1	8	1	2	2	45	.18	.114	15	10	.85	59	.04	2	3.28	.01	.12	1	63
L78+50E 17+25N	1	23	36	137	1.1	6	4	380	5.51	17	5	ND	2	8	1	2	2	63	.07	.065	12	16	.36	78	.04	2	3.45	.01	.06	1	29
L78+50E 16+75N	1	12	33	61	.4	6	4	276	7.70	18	5	ND	2	12	1	2	2	125	.08	.084	8	15	.25	82	.08	2	1.50	.01	.06	1	3
L78+50E 16+50N	3	19	26	93	.5	7	7	782	6.83	16	5	ND	1	12	1	3	2	90	.14	.155	9	16	.52	84	.05	2	2.06	.01	.06	1	22
L78+50E 16+25N	1	7	17	51	.4	1	2	172	4.28	2	5	ND	2	7	1	2	3	57	.07	.078	5	6	.16	55	.01	2	2.00	.01	.04	1	1
L78+50E 15+75N	1	19	29	68	.5	6	5	270	9.83	23	5	ND	3	9	1	2	2	165	.05	.155	8	27	.36	46	.12	2	3.42	.01	.06	1	4
L78+50E 15+50N	1	95	56	217	.6	10	10	1306	3.49	6	5	ND	4	150	1	2	2	53	1.50	.093	27	18	1.15	75	.20	2	3.01	.01	.13	1	5
L78+50E 15+25N	1	14	30	46	.6	4	3	197	6.82	8	5	ND	2	11	1	3	2	132	.05	.033	10	16	.22	62	.09	2	3.26	.01	.04	2	2
L78+50E 14+75N	2	17	30	65	.6	5	4	207	7.89	13	5	ND	3	9	1	2	2	100	.04	.054	6	25	.27	52	.06	2	4.15	.01	.03	1	1
L78+50E 14+50N	1	6	15	48	.2	3	3	187	4.99	5	5	ND	3	6	1	2	2	51	.03	.020	18	7	.21	45	.05	2	2.00	.01	.05	1	7
L78+50E 14+25N	1	20	30	79	.2	5	5	303	6.15	13	5	ND	3	7	1	2	2	87	.06	.041	11	17	.49	47	.06	2	3.43	.01	.06	1	14
L78+50E 13+75N	5	7	21	75	.7	2	5	357	4.12	7	5	ND	1	8	1	2	3	41	.03	.052	11	6	.52	52	.02	2	1.64	.01	.05	1	5
L78+50E 13+50N	1	10	15	40	.3	3	3	225	7.14	5	5	ND	1	7	1	2	2	129	.04	.061	10	13	.18	35	.07	2	1.97	.01	.03	1	2
L78+50E 13+25N	1	11	23	48	.2	4	4	213	5.77	12	5	ND	1	8	1	3	2	124	.03	.033	11	13	.23	55	.11	2	1.78	.01	.05	2	25
STD C/AU-S	18	59	42	132	6.8	69	30	1027	4.24	43	17	7	37	48	18	17	19	60	.50	.095	39	55	.92	181	.07	33	1.96	.06	.14	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L78+50E 12+75N	1	15	22	71	.8	7	5	308	4.85	13	5	ND	1	11	1	2	2	77	.06	.029	9	18	.40	45	.06	2	2.35	.01	.05	1	1
L78+50E 12+50N	1	16	28	96	.2	7	7	729	3.44	8	5	ND	1	11	1	2	2	61	.20	.138	14	16	.61	55	.04	2	1.64	.01	.08	1	3
L78+50E 12+25N	1	23	22	73	1.1	8	6	335	4.20	8	5	ND	1	20	1	2	2	71	.19	.093	9	19	.58	66	.04	2	2.47	.01	.06	1	1
L79+50E 18+50N	1	18	112	213	1.0	1	1	228	.45	2	5	ND	1	103	1	3	2	6	2.59	.035	3	3	.13	265	.01	3	.28	.01	.06	1	1
L79+50E 17+75N	1	131	47	244	1.9	1	1	298	.19	5	5	ND	1	73	2	3	2	3	2.64	.033	26	2	.07	79	.01	2	.17	.01	.04	1	1
L79+50E 17+50N	2	30	18	112	.3	4	4	434	5.46	11	5	ND	1	27	1	2	2	82	.58	.031	10	14	.40	90	.05	2	1.72	.01	.06	1	3
L79+50E 17+25N	1	13	23	75	1.0	5	5	418	4.87	10	5	ND	1	7	1	2	2	71	.04	.023	10	14	.46	56	.05	2	2.04	.01	.07	1	4
L79+50E 16+75N	3	28	51	120	2.2	5	7	856	3.62	13	5	ND	1	9	1	3	2	43	.10	.132	21	18	.16	76	.02	2	3.67	.01	.05	3	1
L79+50E 16+50N	1	21	16	84	.8	6	4	355	3.13	9	5	ND	1	13	1	2	2	47	.11	.048	13	14	.42	72	.03	2	1.98	.01	.07	1	9
L79+50E 16+25N	1	18	38	76	.7	5	5	300	5.40	6	5	ND	3	6	1	2	2	88	.04	.037	14	18	.36	63	.04	2	3.82	.01	.06	1	1
L79+50E 15+75N	1	44	57	204	.9	10	8	748	6.03	18	5	ND	3	6	1	2	2	68	.04	.029	10	17	.87	110	.04	2	3.90	.01	.07	1	13
L79+50E 15+50N	1	21	42	88	.7	5	4	300	5.07	17	5	ND	3	7	1	2	2	85	.04	.065	12	17	.39	76	.06	2	2.08	.01	.05	1	1
L79+50E 15+25N	1	13	25	58	1.2	5	4	243	5.75	7	5	ND	1	10	1	2	2	94	.04	.034	10	19	.26	79	.09	2	2.27	.01	.05	1	1
L79+50E 14+75N	1	15	28	61	.6	5	4	369	7.71	10	5	ND	3	8	1	2	2	139	.04	.053	9	23	.31	69	.09	2	2.69	.01	.05	1	6
L79+50E 14+50N	1	15	36	59	.5	6	4	564	8.05	10	5	ND	2	11	1	2	2	127	.06	.069	8	23	.25	61	.09	2	3.80	.01	.04	2	1
L79+50E 14+25N	1	33	26	101	1.2	11	9	815	3.83	9	5	ND	1	13	1	2	2	69	.14	.051	10	22	.74	74	.06	2	2.71	.01	.07	1	5
L79+50E 13+75N	1	13	25	52	.4	4	3	259	7.75	12	5	ND	1	10	1	3	2	109	.06	.062	8	21	.19	60	.07	2	2.45	.01	.03	2	1
L79+50E 13+50N	1	18	24	69	.5	7	5	403	6.31	15	5	ND	2	8	1	2	2	75	.07	.053	6	22	.40	51	.06	2	3.74	.01	.03	2	1
L79+50E 13+25N	1	11	25	57	.6	4	3	269	6.87	11	5	ND	3	6	1	2	2	88	.03	.040	8	21	.24	40	.06	2	3.37	.01	.04	2	1
L79+50E 12+75N	1	364	52	271	17.4	21	17	3004	7.77	13	5	ND	2	7	1	2	2	112	.11	.154	8	22	1.95	72	.03	2	3.97	.01	.11	1	445
L79+50E 12+50N	2	44	44	159	1.6	12	12	1340	6.47	13	5	ND	1	8	1	2	2	85	.09	.089	12	22	1.08	46	.03	2	3.06	.01	.07	1	12
L79+50E 12+25N	3	16	22	44	.7	5	4	219	8.70	12	5	ND	2	8	1	2	2	148	.04	.064	7	22	.21	36	.09	2	2.01	.01	.04	1	26
L80+50E 18+75N	2	34	42	113	1.0	8	8	619	4.36	16	5	ND	1	12	1	2	2	59	.10	.078	12	18	.50	91	.02	2	2.43	.01	.08	1	1
L80+50E 18+50N	1	9	22	42	.7	2	2	151	4.14	5	5	ND	1	6	1	2	3	75	.03	.024	9	11	.16	48	.05	2	1.49	.01	.04	1	1
L80+50E 18+25N	1	51	37	102	1.4	8	5	360	4.19	14	5	ND	3	25	1	3	2	52	.36	.085	8	23	.47	105	.04	3	5.30	.01	.04	4	26
L80+50E 17+75N	1	26	37	90	1.4	7	5	357	6.12	12	5	ND	2	7	1	2	2	66	.05	.074	7	20	.45	56	.04	2	3.01	.01	.05	1	3
L80+50E 17+50N	1	15	22	66	.6	5	4	260	7.28	15	5	ND	1	9	1	2	3	83	.03	.058	8	18	.34	52	.06	2	2.01	.01	.04	1	1
L80+50E 17+25N	1	18	36	71	.9	6	5	362	6.37	18	5	ND	3	9	1	2	3	94	.08	.119	9	22	.36	60	.07	2	3.32	.01	.04	1	1
L80+50E 16+75N	2	18	23	72	1.0	6	4	295	2.72	8	5	ND	1	16	1	2	2	47	.09	.033	11	15	.40	77	.05	2	1.80	.01	.06	1	1
L80+50E 16+50N	2	97	30	234	.4	8	7	1736	2.43	6	5	ND	1	20	1	2	3	42	.15	.078	15	15	.44	153	.02	2	2.73	.01	.07	1	18
L80+50E 16+25N	2	20	21	58	2.0	6	4	243	5.29	9	5	ND	1	16	1	2	2	84	.11	.073	10	15	.33	76	.06	2	2.25	.01	.05	1	9
L80+50E 15+75N	1	15	27	59	.4	7	4	280	5.77	15	5	ND	1	14	1	2	2	90	.09	.063	10	19	.35	65	.09	2	2.56	.01	.04	1	11
L80+50E 15+50N	2	15	26	83	2.0	6	5	610	2.28	9	5	ND	1	23	1	2	3	42	.17	.098	11	14	.32	92	.01	2	1.63	.01	.05	1	6
L80+50E 15+25N	2	14	30	64	3.7	4	8	327	2.48	6	5	ND	1	15	1	2	2	51	.08	.062	13	16	.23	78	.02	2	2.05	.01	.05	1	4
L80+50E 14+75N	1	12	21	88	.7	7	7	787	4.53	7	5	ND	1	16	1	2	2	79	.09	.047	10	17	.54	91	.09	2	1.63	.01	.05	1	25
L80+50E 14+50N	1	17	15	69	.6	10	11	379	5.08	5	5	ND	1	12	1	2	2	126	.16	.061	4	16	1.18	154	.21	2	2.07	.03	.27	1	7
STD C/AU-S	17	58	41	132	6.6	68	29	995	4.05	41	19	6	37	47	17	18	19	57	.50	.090	37	55	.92	171	.06	33	2.01	.06	.14	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L80+50E 14+25N	1	12	19	55	.7	6	4	281	4.62	14	5	ND	1	9	1	2	2	82	.05	.056	8	18	.28	79	.05	2	1.90	.01	.05	1	6
L80+50E 13+75N	1	15	13	45	.9	4	2	241	3.62	10	5	ND	1	15	1	3	2	66	.08	.035	14	19	.12	64	.05	2	1.41	.01	.05	3	3
L80+50E 13+50N	1	16	20	76	.6	8	5	327	3.99	15	5	ND	1	15	1	2	2	71	.09	.039	12	17	.47	67	.07	2	2.08	.01	.05	2	4
L80+50E 13+25N	1	234	141	561	10.6	17	14	3069	6.71	111	5	ND	1	41	3	2	2	66	.37	.080	12	30	.78	76	.09	2	3.07	.01	.06	1	250
L80+50E 12+75N	1	15	22	69	.6	6	5	286	6.19	17	5	ND	1	16	1	2	2	101	.08	.068	7	23	.34	75	.07	2	2.62	.01	.04	2	10
L80+50E 12+50N	3	21	22	60	1.2	7	5	250	9.23	6	5	ND	2	11	1	3	2	178	.04	.073	9	28	.29	44	.12	2	4.45	.01	.05	3	2
L81+50E 14+75N	2	14	24	71	1.7	7	4	228	7.02	20	5	ND	4	8	1	3	2	92	.06	.060	8	23	.30	43	.09	2	4.01	.01	.03	3	5
L81+50E 14+50N	1	18	30	66	.7	5	4	241	6.34	18	5	ND	2	8	1	2	2	107	.05	.042	9	26	.29	42	.06	2	3.26	.01	.05	2	4
L81+50E 14+25N	1	16	19	109	.9	10	7	1686	3.46	11	5	ND	1	20	1	2	2	62	.19	.087	14	18	.60	98	.05	2	1.90	.01	.06	1	3
L81+50E 13+50N	1	26	28	108	.5	12	8	554	4.14	21	5	ND	1	9	1	3	2	66	.08	.046	11	24	.67	67	.05	2	2.48	.01	.07	3	12
L81+50E 13+25N	1	7	14	25	.9	4	2	90	2.16	9	5	ND	1	12	1	2	2	33	.06	.030	10	11	.10	43	.02	2	1.16	.01	.03	2	14
L81+50E 12+75N	3	9	21	54	.6	8	4	204	3.99	4	5	ND	1	14	1	2	2	80	.08	.023	9	18	.40	51	.06	2	2.02	.01	.04	2	2
L81+50E 12+25N	6	5	24	18	.2	2	5	1040	1.56	9	5	ND	1	13	1	2	2	41	.10	.026	13	7	.06	50	.03	2	1.17	.01	.03	2	12
L82E 18+75N	1	17	17	63	.1	5	4	257	7.90	4	5	ND	2	9	1	2	2	158	.07	.052	8	19	.28	61	.16	2	2.10	.01	.05	2	2
L82E 18+50N	1	12	32	72	.9	4	8	1347	1.86	6	5	ND	1	25	1	2	2	43	.15	.040	12	10	.32	108	.06	2	1.31	.01	.07	1	5
L82E 18+25N	1	21	29	85	1.4	7	6	307	6.46	14	5	ND	1	10	1	3	3	90	.05	.039	12	25	.43	57	.07	2	3.14	.01	.05	2	9
L82E 17+75N	1	23	27	105	1.2	4	4	581	3.54	10	5	ND	1	29	1	3	2	48	.20	.046	18	10	.33	116	.05	2	1.65	.01	.06	1	37
L82E 17+50N	1	19	26	61	1.6	5	4	319	7.73	14	5	ND	3	10	1	2	2	145	.06	.072	10	18	.26	79	.13	2	3.09	.01	.06	2	28
L82E 17+25N	1	20	13	61	.8	4	3	241	4.55	9	5	ND	1	8	1	2	2	100	.06	.037	13	14	.23	44	.07	2	1.41	.01	.04	2	17
L82E 16+75N	1	14	17	46	.5	5	2	211	2.60	9	5	ND	1	16	1	2	2	46	.13	.033	12	9	.24	58	.05	2	1.04	.01	.08	2	12
L82E 16+50N	1	3	8	10	.5	1	1	62	.40	2	5	ND	1	9	1	2	2	16	.06	.010	10	3	.04	65	.03	3	.65	.01	.04	1	15
L82E 16+25N	1	10	17	41	.8	5	3	203	5.36	11	5	ND	1	11	1	2	2	95	.06	.037	8	15	.20	56	.09	2	1.96	.01	.04	2	4
L83E 18+75N	2	143	35	131	3.5	8	5	499	3.91	14	5	ND	1	37	1	3	2	57	.20	.066	15	18	.43	116	.04	2	2.79	.01	.07	1	5
L83E 18+50N	2	28	43	111	1.8	8	6	459	7.49	20	5	ND	4	10	1	2	2	104	.05	.069	11	17	.46	95	.06	2	4.19	.01	.06	3	31
L83E 18+25N	2	22	34	97	.7	7	5	342	6.17	11	5	ND	1	17	1	3	2	102	.10	.042	15	17	.43	80	.06	2	2.29	.01	.07	2	5
L83E 17+75N	2	21	25	99	.6	8	6	365	7.81	12	5	ND	2	17	1	2	2	142	.15	.085	9	23	.49	92	.10	2	1.88	.01	.07	1	4
L83E 17+50N	2	38	32	230	.5	4	7	731	3.26	15	5	ND	1	68	1	2	2	51	.60	.066	20	12	.47	115	.04	2	2.73	.01	.07	1	6
L83E 17+25N	1	6	18	42	.3	2	1	110	2.31	7	5	ND	2	7	1	3	2	49	.04	.018	17	4	.11	50	.07	2	1.37	.01	.05	3	3
L83E 16+75N	1	81	59	162	.6	13	9	901	4.23	16	5	ND	1	18	1	2	2	78	.20	.064	18	24	.82	123	.04	2	2.27	.01	.07	1	76
L83E 16+50N	1	30	21	69	1.8	6	4	326	8.25	9	5	ND	2	8	1	2	2	159	.04	.058	10	16	.29	59	.13	2	2.56	.01	.05	3	32
L83E 16+25N	1	105	23	129	1.3	9	8	634	4.61	13	5	ND	1	23	1	2	2	69	.19	.079	33	25	.53	89	.04	2	3.02	.01	.06	2	16
L83E 15+75N	1	16	23	56	.7	6	4	222	5.88	8	5	ND	2	8	1	2	2	117	.05	.027	11	18	.26	42	.07	2	2.37	.01	.05	2	3
L83E 15+50N	1	15	27	77	1.0	6	4	221	3.73	7	5	ND	1	23	1	3	2	77	.15	.037	11	15	.35	96	.05	2	2.34	.01	.06	2	5
L83E 14+25N	1	5	2	116	.1	4	13	19527	19.94	2	5	ND	1	21	1	2	2	54	.20	.073	6	9	.09	537	.03	2	1.03	.01	.05	1	3
L83E 13+75N	2	3	9	65	.1	5	4	432	4.53	6	5	ND	1	24	1	2	2	57	.29	.021	12	12	.43	119	.06	2	1.31	.01	.08	2	1
L83E 13+50N	2	20	35	86	.6	7	6	228	2.02	12	5	ND	1	31	1	2	2	82	.29	.021	12	17	.50	160	.03	2	2.20	.01	.06	3	33
STD C/AU-S	18	61	41	132	6.9	69	31	1035	4.18	43	22	8	37	48	18	16	19	61	.50	.095	39	58	.96	182	.07	33	1.97	.06	.13	13	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L83E 13+25N	1	24	29	94	.5	9	5	236	4.22	12	5	ND	2	9	1	2	2	72	.07	.034	8	20	.38	76	.05	2	4.61	.01	.03	1	37
L83E 12+75N	1	33	30	109	3.1	10	7	427	6.10	22	5	ND	3	8	1	2	3	93	.05	.056	9	20	.56	79	.05	2	4.63	.01	.05	1	16
L83E 12+50N	1	23	39	72	2.2	5	5	359	7.33	15	5	ND	2	11	1	2	3	130	.05	.077	9	22	.34	57	.09	2	3.38	.01	.05	1	28
L83E 12+25N	1	15	30	47	1.4	4	3	168	6.35	13	5	ND	2	9	1	2	2	138	.03	.049	6	21	.18	43	.09	2	2.57	.01	.03	1	11
L84E 18+75N	9	1163	61	802	3.7	12	9	9928	3.77	30	5	ND	1	78	8	3	2	53	.50	.140	33	18	.38	171	.02	2	3.95	.01	.05	1	69
L84E 18+50N	1	39	47	97	1.8	6	5	580	5.44	13	5	ND	2	7	1	2	3	86	.05	.111	15	12	.35	99	.03	2	2.43	.01	.06	1	7
L84E 18+25N	1	27	44	122	1.1	9	7	628	4.97	14	5	ND	3	11	1	2	2	77	.05	.095	11	18	.47	103	.05	2	3.66	.01	.05	1	5
L84E 17+75N	1	36	23	76	.8	8	6	266	5.65	2	5	ND	2	65	1	2	2	101	.60	.038	7	20	.62	118	.21	2	2.97	.01	.07	1	1
L84E 17+50N	4	33	18	101	.8	10	18	7817	5.46	7	5	ND	1	28	1	2	2	109	.21	.043	15	20	.75	147	.17	2	3.02	.01	.08	1	1
L84E 17+25N	1	50	40	116	1.8	6	5	378	2.82	7	5	ND	1	16	1	3	2	62	.14	.060	11	13	.39	67	.08	2	2.57	.01	.05	1	4
L84E 16+75N	1	63	75	111	2.2	8	6	580	6.39	17	5	ND	2	9	1	2	2	113	.06	.112	7	14	.49	54	.05	2	2.87	.01	.05	1	47
L84E 16+50N	1	17	37	47	1.5	2	2	181	4.31	17	5	ND	2	6	1	2	2	94	.03	.035	13	9	.12	49	.04	2	1.73	.01	.04	2	16
L84E 16+25N	1	33	49	100	5.6	8	6	366	5.74	18	5	ND	3	9	1	2	2	103	.06	.069	16	23	.43	58	.12	2	5.10	.01	.04	1	12
L84E 15+75N	2	21	42	80	2.7	5	4	258	5.01	8	5	ND	3	10	1	2	2	92	.06	.039	11	17	.30	64	.06	2	3.15	.01	.06	1	9
L84E 15+50N	1	16	24	58	1.2	4	3	152	2.83	2	5	ND	1	16	1	2	2	76	.09	.024	14	14	.23	75	.07	2	1.53	.01	.05	1	2
L84E 15+25N	1	35	22	56	2.0	5	3	172	3.13	2	5	ND	1	12	1	2	2	67	.08	.030	16	17	.22	64	.05	2	2.18	.01	.04	1	2
L84E 14+50N	1	19	35	80	1.6	5	4	251	4.21	17	5	ND	2	8	1	2	2	75	.05	.026	10	10	.26	62	.07	2	2.07	.01	.05	1	75
L84E 14+25N	1	21	25	89	.6	4	4	312	4.29	15	5	ND	1	15	1	3	2	93	.11	.037	13	11	.28	76	.06	2	1.74	.01	.04	2	58
L84E 13+50N	2	27	23	138	1.3	9	9	737	5.71	20	5	ND	3	10	1	2	2	89	.08	.073	12	17	.60	93	.06	2	3.24	.01	.09	1	19
L84E 13+25N	2	25	30	82	.3	9	6	346	6.00	17	5	ND	3	9	1	2	2	106	.06	.091	9	19	.46	75	.07	2	3.66	.01	.05	1	9
L84E 12+75N	1	18	28	53	.3	4	3	225	7.09	10	5	ND	3	11	1	2	2	182	.04	.058	9	15	.27	58	.14	2	2.30	.01	.05	1	2
L84E 12+50N	3	16	25	83	1.7	5	4	342	4.39	11	5	ND	1	8	1	2	3	67	.05	.056	10	10	.28	55	.05	2	3.19	.01	.05	1	44
L84E 12+25N	1	10	23	51	.6	5	3	303	3.48	9	5	ND	2	9	1	2	2	109	.06	.033	11	12	.26	48	.12	2	1.58	.01	.05	1	7
L85E 18+75N	2	14	19	92	.2	4	4	315	4.80	17	5	ND	2	12	1	2	2	104	.06	.030	15	10	.24	60	.06	2	1.59	.01	.07	1	3
L85E 18+50N	1	112	51	302	5.6	5	7	1709	4.39	23	5	ND	3	9	1	2	2	70	.04	.080	15	10	.35	52	.03	2	2.45	.01	.06	1	44
L85E 18+25N	1	15	28	97	.4	7	5	616	5.49	22	5	ND	1	13	1	2	2	93	.06	.069	12	14	.33	64	.05	2	2.54	.01	.05	1	1
L85E 17+75N	1	4	7	22	.5	2	1	112	1.53	11	5	ND	1	5	1	2	2	22	.03	.025	21	6	.04	19	.02	2	.63	.01	.04	1	1
L85E 17+50N	1	7	15	71	1.5	2	2	164	2.08	3	5	ND	3	11	1	2	2	32	.06	.047	22	6	.26	83	.01	3	2.02	.01	.06	1	1
L85E 17+25N	1	28	33	88	.4	7	5	348	4.33	8	5	ND	4	10	1	2	2	83	.05	.079	18	14	.39	66	.04	2	2.26	.01	.08	1	3
L85E 16+75N	1	20	23	76	.2	6	4	278	5.33	16	5	ND	2	11	1	2	3	92	.05	.064	12	16	.29	63	.07	2	1.80	.01	.05	1	2
L85E 16+50N	1	54	33	173	1.5	12	10	702	4.37	19	5	ND	1	25	1	2	3	74	.25	.085	13	18	.78	122	.06	2	2.90	.01	.13	1	6
L85E 16+25N	1	64	32	180	.7	9	8	484	3.33	10	5	ND	4	11	1	2	4	60	.11	.098	10	15	.65	99	.07	2	3.24	.01	.08	1	1
L85E 15+75N	1	45	38	129	1.1	7	6	391	4.61	11	5	ND	3	9	1	2	2	75	.11	.074	13	18	.51	57	.08	2	3.56	.01	.06	1	5
L85E 15+50N	1	13	22	46	.1	4	3	236	4.05	13	5	ND	3	10	1	2	2	112	.05	.024	11	12	.20	46	.12	4	1.52	.01	.04	2	54
L85E 15+25N	1	9	17	38	.3	3	2	139	1.33	2	5	ND	1	13	1	2	3	35	.11	.028	12	6	.26	55	.09	2	1.03	.01	.05	2	8
L85E 14+75N	2	26	30	76	.5	8	5	398	5.08	16	5	ND	4	11	1	2	2	89	.07	.057	10	23	.41	58	.10	2	3.30	.01	.05	2	6
STD C/AU-S	19	61	41	132	6.9	71	31	1035	3.71	43	19	7	39	50	18	16	23	61	.50	.097	41	55	.93	180	.07	33	1.98	.06	.13	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L85E 14+50N	1	20	23	83	.5	6	5	701	8.24	10	5	ND	1	8	1	2	2	117	.05	.088	10	13	.43	64	.06	2	2.59	.01	.06	1	1
L85E 14+25N	1	32	22	110	.8	2	4	1537	6.19	12	5	ND	1	6	1	2	3	46	.03	.166	19	6	.45	83	.02	2	2.18	.01	.11	1	395
L85E 13+75N	1	15	23	61	.8	7	5	427	4.62	13	5	ND	2	8	1	2	2	80	.03	.062	7	13	.27	45	.04	2	2.25	.01	.06	1	11
L85E 13+50N	1	20	31	106	.3	7	8	581	6.96	12	5	ND	1	7	1	2	3	132	.05	.047	12	14	.73	83	.07	2	3.06	.01	.11	1	26
L85E 13+25N	1	60	35	351	1.2	9	13	1007	7.48	18	5	ND	2	6	1	2	2	100	.06	.056	13	12	.92	100	.04	2	4.45	.01	.14	1	23
L85E 12+75N	2	23	26	112	1.2	6	4	350	3.44	8	5	ND	1	17	1	2	2	58	.14	.047	12	15	.36	85	.04	2	2.44	.01	.06	1	9
L85E 12+50N	1	13	16	42	.1	5	3	190	5.55	5	5	ND	2	12	1	2	2	91	.04	.021	8	16	.24	45	.09	2	2.42	.01	.05	2	1
L86E 18+75N	2	20	15	66	.1	7	5	394	6.48	14	5	ND	1	43	1	2	2	136	.04	.024	6	26	.22	127	.17	2	1.33	.01	.05	1	2
L86E 18+50N	1	31	41	148	.8	12	10	1569	5.56	18	5	ND	1	13	1	2	2	65	.08	.143	11	26	.59	94	.04	2	4.24	.01	.06	1	4
L86E 18+25N	4	21	51	133	.2	9	8	797	7.88	20	5	ND	1	15	1	2	2	82	.07	.087	12	19	.57	86	.06	2	3.85	.01	.07	1	14
L86E 17+75N	1	19	21	58	.2	9	4	234	4.62	11	5	ND	1	45	1	2	2	68	.10	.045	6	22	.29	125	.05	3	2.34	.01	.04	1	1
L86E 17+50N	1	16	18	77	.1	7	5	597	7.30	6	5	ND	2	34	1	2	2	103	.07	.033	9	20	.30	110	.11	2	1.76	.01	.05	1	1
L86E 17+25N	1	11	20	40	.4	4	2	174	3.97	10	5	ND	1	16	1	2	2	76	.04	.018	14	12	.14	77	.07	2	1.36	.01	.05	1	2
L86E 16+75N	2	16	37	111	.5	6	6	1789	10.65	18	6	ND	3	9	1	2	2	67	.03	.197	19	12	.44	56	.05	2	3.42	.01	.06	1	5
L86E 16+50N	1	19	29	58	.5	3	3	341	6.79	7	6	ND	2	8	1	2	2	56	.03	.068	18	9	.18	55	.03	2	1.78	.01	.05	1	25
L86E 16+25N	1	12	27	87	.3	4	4	528	4.77	4	5	ND	2	12	1	2	3	72	.06	.064	18	10	.38	76	.05	2	2.55	.01	.08	1	1
L86E 15+75N	1	73	61	203	.3	17	11	991	4.40	18	5	ND	1	24	1	2	2	75	.25	.088	19	26	.97	156	.02	3	2.56	.01	.07	1	27
L86E 15+50N	1	13	15	111	.1	7	5	411	2.53	8	5	ND	1	58	1	2	2	51	.41	.042	14	11	.47	248	.05	3	1.42	.01	.08	1	1
L86E 15+25N	1	35	28	79	.1	8	5	264	4.89	3	5	ND	3	19	1	2	2	90	.17	.066	9	20	.44	102	.10	2	2.74	.01	.06	2	2
L86E 14+25N	1	17	22	50	.5	5	3	158	4.98	6	5	ND	2	11	1	2	3	95	.05	.055	9	14	.26	61	.13	2	2.44	.01	.05	1	1
L86E 13+75N	1	14	22	44	.5	5	3	301	1.64	2	5	ND	1	23	1	2	2	37	.13	.035	12	9	.28	111	.06	3	1.18	.01	.08	2	4
L86E 13+50N	1	22	25	101	.7	9	6	353	4.37	6	5	ND	2	17	1	2	2	86	.10	.034	12	16	.63	106	.09	2	2.08	.01	.08	1	1
L86E 13+25N	2	22	30	81	1.7	7	4	264	6.50	15	5	ND	2	8	1	2	2	108	.06	.052	14	18	.42	75	.09	2	3.49	.01	.08	1	6
L86E 12+75N	1	24	31	72	.2	7	5	237	4.17	8	5	ND	2	13	1	2	3	67	.09	.125	9	17	.45	78	.06	2	2.55	.01	.06	1	2
L86E 12+50N	1	15	23	49	.4	5	3	205	4.45	2	5	ND	1	13	1	2	2	91	.06	.031	10	14	.25	52	.09	2	1.49	.01	.06	1	2
STD C/AU-S	19	60	44	132	6.8	71	31	1025	4.28	43	21	8	39	50	19	16	22	61	.51	.088	40	55	.94	180	.07	33	1.98	.06	.13	13	53

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 12 1988
DATE REPORT MAILED: Sept 28/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp AU* ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. FILE # 88-3219R

SAMPLE#	AG ppm	AU* ppb
L19N 81+50E	180.0	6860

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GC

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

DATE RECEIVED: JUN 03 1988 DATE REPORT MAILED: June 8/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING PROJECT-419 File # 88-1755

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
SNOW	10	216	66	72	18.2	3	2	161	4.46	20	5	ND	1	13	1	3	2	25	.05	.073	5	5	.29	85	.01	9	.57	.05	.12	1	390

SNOW

GC SAMPLE - JN 2/88

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AN DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 19 1988 DATE REPORT MAILED: July 25/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT SNOW File # 88-2766

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
GC 88 7	15	51	216	5489	102.7✓	5	41	111	20.73	320	5	4	3	2	51	2	5	7	.01	.006	2	1	.07	12	.01	5	.45	.01	.25	6	5170
GC 88 8a	2	46	833	1760	54.2	3	47	2827	17.69	88	5	2	1	47	15	2	5	3	2.03	.009	2	1	.04	10	.01	2	.10	.01	.10	1	4410
GC 88 8b	2	64	1645	7878	53.6	4	41	3020	18.33	43	5	ND	1	57	68	2	2	3	2.25	.005	2	1	.06	8	.01	6	.20	.01	.06	1	3020

✓ ASSAY REQUIRED FOR CORRECT RESULT -

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 3 1988 DATE REPORT MAILED: Aug 6/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT 419 File # 88-3201

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
Q 6301	61	48763	289	318	207.8	5	24	74	29.95	304	5	141	4	1	4	4	17	6	.01	.011	2	4	.03	5	.01	6	.10	.01	.05	1	179900
Q 6302	2	519	16	208	6.7	14	39	3385	9.97	27	5	ND	2	58	1	3	31	62	2.16	.152	14	15	2.23	31	.08	7	3.06	.01	.17	68	390
Q 6303	15	19388	1170	2866	73.9	1	7	17000	6.47	25	5	ND	1	707	34	2	2	19	19.54	.004	4	2	.43	20	.01	3	.55	.01	.05	8	2160
Q 6304	1	214	1288	7675	14.0	1	12	42437	5.53	51	5	2	1	374	80	2	4	6	21.81	.003	5	1	.82	37	.01	2	.37	.01	.03	13	1060
Q 6305	2	566	30	166	1.4	3	7	1031	2.16	2	5	ND	1	97	1	2	2	21	2.18	.068	21	6	.66	62	.02	7	1.20	.01	.19	1	6
Q 6306	2	273	453	6200	27.5	2	41	10268	16.78	546	5	2	1	51	73	2	5	5	2.84	.013	2	6	.38	9	.01	2	.36	.01	.05	8	1790
Q 6307	1	1314	24	747	1.3	13	38	5991	9.80	2	5	ND	1	21	5	2	2	261	1.90	.081	7	10	3.53	23	.02	4	3.60	.01	.05	1	23
Q 6308	9	129	960	3368	44.2	3	42	9223	14.09	60	5	2	1	151	36	2	2	4	6.30	.013	2	4	.19	8	.01	6	.20	.01	.05	6	3720
Q 6309	7	490	1193	2476	43.2	1	49	16327	13.73	130	5	3	1	51	27	2	3	5	3.64	.004	2	7	.46	5	.01	3	.28	.01	.04	2	3180
Q 6310	1	264	386	1370	21.8	1	32	18231	11.22	41	5	2	1	346	15	2	3	2	14.75	.001	2	3	.19	14	.01	10	.16	.01	.02	2	2370
Q 6311	23	3297	2446	5247	75.5	3	41	10710	14.83	327	5	3	1	49	57	4	3	3	3.16	.001	2	4	.21	8	.01	4	.22	.01	.05	5	4775
Q 6312	1	158	1406	9115	45.6	3	38	6669	14.20	138	5	ND	1	45	119	2	2	6	2.08	.001	2	4	.18	5	.01	5	.32	.01	.04	12	3520
Q 6313	2	131	1100	3505	50.9	4	44	6990	13.96	81	5	2	1	46	43	3	2	5	2.53	.004	2	3	.15	7	.01	5	.27	.01	.05	2	3840
Q 6314	2	96	1136	6675	19.4	1	48	18887	15.77	94	5	ND	1	298	70	2	2	4	10.64	.001	2	3	.23	11	.01	2	.29	.01	.03	9	1610
Q 6315	2	111	567	2343	6.6	1	7	26337	6.06	8	5	ND	1	408	18	2	2	1	19.37	.001	2	3	.62	10	.01	2	.12	.01	.01	1	2110
STD C/AU-R	17	58	36	124	6.5	68	28	1005	4.09	40	19	7	37	47	17	16	19	58	.47	.093	40	58	.91	172	.06	33	1.94	.06	.14	11	530

- ASSAY REQUIRED FOR CORRECT RESULT for Cu > 10,000 ppm
Ag > 50 ppm

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 15 1988 DATE REPORT MAILED: Aug 23/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT 419 File # 88-3643 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
Q 6316	1	200	88	113	11.2	3	4	829	5.57	37	5	ND	1	3	1	3	2	25	.10	.122	6	6	.74	9	.01	2	1.06	.04	.07	1	49
Q 6317	1	2004	646	3463	26.9	4	14	7772	5.80	5	5	ND	1	80	33	2	7	56	3.39	.065	8	8	1.40	7	.01	2	2.00	.02	.04	2	775
Q 6318	1	66	65	247	1.1	4	10	1998	7.80	2	5	ND	2	4	1	2	2	54	.10	.074	13	6	1.58	63	.04	5	2.12	.01	.16	1	26
Q 6319	1	506	503	1813	68.1	4	24	10818	9.42	8	5	4	1	109	12	2	2	25	4.06	.067	7	4	.96	12	.01	2	1.52	.02	.07	1	3565
Q 6320	1	437	753	2185	61.0	1	26	24317	7.66	13	5	4	1	599	21	2	15	4	20.57	.031	5	1	.31	19	.01	2	.27	.01	.05	1	3855
Q 6321	1	210	207	856	12.3	3	7	1802	5.06	7	5	ND	1	18	7	2	2	26	.71	.074	4	5	.69	8	.02	3	1.00	.03	.05	1	625
Q 6322	3	133	1406	1264	71.8	5	70	2873	16.48	110	5	4	1	56	11	2	33	19	2.70	.031	3	2	.73	8	.01	5	1.16	.01	.09	1	3465
Q 6323	3	118	564	681	31.9	2	33	14563	12.19	67	5	2	1	124	6	2	2	12	4.96	.018	5	1	.52	10	.01	2	.82	.01	.11	1	1395
Q 6324	10	84	271	359	10.1	4	14	1502	6.39	19	5	ND	1	10	2	2	2	30	.30	.060	4	5	.91	15	.01	2	1.37	.02	.12	1	555
Q 6325	1	127	945	1474	69.8	3	41	6135	12.62	17	5	2	1	51	14	2	20	17	2.78	.038	4	2	.51	7	.01	3	.92	.02	.08	1	1995
Q 6326	2	27	454	379	10.5	3	7	1058	7.62	13	5	ND	1	10	2	2	2	39	.09	.064	4	7	.69	13	.01	3	1.07	.03	.15	1	685
Q 6327	2	125	193	369	7.0	4	14	1522	5.93	11	5	ND	1	6	2	2	3	35	.27	.070	4	7	.93	5	.01	2	1.35	.03	.04	1	365
Q 6328	1	55	32	170	.6	3	12	1918	4.76	15	5	ND	1	17	1	2	2	36	.28	.049	14	5	.76	59	.07	6	1.30	.03	.12	1	9
Q 6329	1	61	165	736	2.3	4	5	2568	4.21	5	5	ND	1	32	6	2	2	14	1.05	.046	6	2	.61	13	.01	2	1.07	.03	.11	1	285
Q 6330	1	31	87	167	3.0	1	5	699	3.66	3	5	ND	1	2	1	3	2	13	.05	.020	5	2	.65	28	.01	2	.99	.02	.16	1	115
Q 6331	1	42	194	3500	10.5	3	14	2060	5.70	6	5	ND	1	5	33	2	2	48	.14	.046	5	4	1.21	38	.03	4	1.75	.01	.37	4	385
Q 6332	1	17	94	310	2.1	1	8	628	3.32	7	5	ND	3	193	3	3	2	29	1.50	.056	13	3	.51	66	.11	2	1.75	.02	.15	1	49
Q 6333	1	33	269	403	2.1	3	9	5055	4.53	7	5	ND	1	126	2	2	2	23	3.67	.076	6	5	.94	16	.01	2	1.37	.02	.06	1	69
Q 6334	1	81	87	154	3.3	2	5	1039	5.43	5	5	ND	1	5	1	3	2	34	.08	.059	9	4	.81	47	.03	5	1.16	.02	.10	1	122
Q 6335	1	542	27	187	2.6	4	10	1870	5.31	4	5	ND	1	6	1	3	2	34	.29	.095	11	7	1.26	21	.03	2	1.66	.03	.07	1	54
Q 6336	1	585	24	228	6.1	4	11	1863	5.57	4	5	ND	1	5	1	3	2	43	.24	.097	10	6	1.83	23	.03	4	2.12	.02	.06	1	67
Q 6337	1	226	34	209	2.8	4	8	1822	5.22	2	5	ND	1	5	1	2	2	44	.25	.091	9	7	1.30	22	.03	8	1.60	.03	.06	1	235
Q 6338	1	37	59	93	13.9	2	4	775	4.60	5	5	ND	1	16	1	2	2	36	.05	.059	5	6	.62	24	.03	2	.84	.06	.04	1	395
Q 6339	1	114	145	235	3.9	3	6	2169	4.80	9	5	ND	1	13	1	3	2	31	.42	.066	6	5	.80	20	.02	2	1.27	.02	.11	2	255
Q 6340	1	136	96	252	3.4	4	5	1565	4.62	5	5	ND	1	7	1	2	3	35	.22	.076	5	5	.91	13	.01	2	1.24	.03	.06	1	215
Q 6341	2	27	244	167	6.8	2	5	1004	4.77	14	5	ND	1	4	1	2	2	46	.08	.063	4	7	.79	9	.01	2	1.02	.03	.05	1	375
Q 6342	13	15	24	141	28.0	1	6	77	5.11	27	5	2	1	3	1	2	3	4	.02	.004	2	1	.05	31	.01	5	.24	.01	.08	1	1595
Q 6343	1	97	159	262	2.2	2	8	1139	5.31	8	5	ND	1	6	2	2	2	28	.14	.076	4	3	1.12	14	.03	3	1.40	.03	.05	1	84
Q 6344	1	37	131	406	3.6	1	5	2137	4.11	5	5	ND	1	20	4	3	2	14	.62	.060	6	2	.41	39	.03	2	.73	.02	.13	1	129
Q 6345	1	26	22	436	.1	6	14	2595	4.65	2	5	ND	1	18	4	2	2	71	1.14	.063	11	8	1.02	32	.09	2	1.21	.02	.11	1	1
Q 6346	1	39	128	282	1.7	7	14	1966	5.55	2	5	ND	1	9	1	2	2	57	.36	.071	10	9	1.37	49	.06	2	1.60	.02	.14	1	45
Q 6347	1	17	82	508	7.0	1	7	1516	4.77	26	5	ND	1	9	4	2	2	14	.32	.041	6	2	.89	40	.04	8	1.38	.01	.39	1	425
Q 6348	1	18399	3715	329	21.4	2	9	2239	3.88	8	5	ND	1	9	13	4	14	22	.29	.051	10	2	1.17	34	.01	2	1.37	.03	.07	1	36
Q 6349	1	5247	2	221	12.7	4	5	1855	2.45	2	5	ND	1	9	1	2	3	11	.45	.034	9	4	.73	19	.01	3	1.17	.03	.13	1	136
Q 6350	2	76	107	164	9.0	2	9	1236	4.80	32	5	ND	1	29	1	2	2	16	.32	.032	3	2	.75	28	.01	3	1.13	.01	.12	1	765
Q 6351	1	7970	9	56	35.4	2	3	1764	1.63	2	5	ND	1	49	1	3	5	29	3.96	.037	6	3	.22	10	.02	8	.36	.03	.05	2	54
STD C/AU-R	17	59	37	132	6.6	67	27	1128	4.19	39	18	7	36	47	17	17	19	57	.51	.087	60	55	.92	175	.06	34	2.05	.06	.14	12	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
Q 6352	1	26	42	67	1.5	1	1	116	1.11	3	5	ND	4	4	2	3	2	2	.02	.003	26	1	.03	26	.01	5	.21	.03	.08	1	34
Q 6353	5	545	51	92	17.3	2	3	160	1.85	14	107	2	29	3	26	24	21	3	.03	.002	59	7	.03	54	.01	104	.25	.01	.23	14	250
Q 6401	1	937	4	71	14.8	3	25	1786	8.99	2	5	ND	1	49	2	2	23	38	3.95	.058	5	9	.79	17	.01	2	1.02	.02	.09	1	390
Q 6402	1	46	163	1472	47.7	8	38	3427	14.24	26	5	2	2	103	14	2	4	33	3.94	.051	5	9	.61	9	.01	2	1.03	.03	.06	1	5580
Q 6403	1	58	686	2648	23.2	1	7	9509	3.82	4	5	ND	1	135	31	2	2	2	6.43	.002	12	2	.08	27	.01	3	.39	.01	.12	3	930
Q 6404	1	630	9	21	1.7	1	3	232	1.11	2	5	ND	2	9	2	2	2	2	.45	.001	13	4	.05	16	.01	2	.17	.03	.05	4	89
Q 6405	2	4	14	19	.3	1	1	68	1.03	93	5	ND	2	2	1	2	2	2	.03	.002	13	6	.01	31	.01	2	.18	.03	.10	1	3
Q 6406	30	1487	46	17	3.3	1	1	108	.77	8	5	ND	1	2	3	7	2	9	.19	.007	25	5	.01	31	.01	5	.21	.01	.12	5	240
Q 6407	53	1157	38	24	2.7	1	2	173	1.03	16	5	ND	1	3	3	6	2	6	.52	.005	18	2	.01	15	.01	5	.15	.01	.09	1	151
Q 6408	2	15	18	45	.4	1	2	318	2.66	31	5	ND	2	2	1	2	2	24	.08	.039	13	3	.21	21	.01	2	.77	.02	.15	4	13
STD C/AU-R	19	62	36	132	7.2	73	30	1051	4.11	43	18	8	39	51	17	17	17	63	.53	.092	42	61	.92	183	.08	34	1.96	.06	.17	13	480

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUL 28 1988

DATE REPORT MAILED: Aug. 1/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp
AU** AND AG** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT SNOW FILE # 88-2766R

SAMPLE#	Pb %	Zn %	Ag** OZ/T	Au** OZ/T
GC 887	.02	.60	3.06	.142
GC 888a	.11	.20	1.91	.124
GC 888b	.20	.92	2.00	.088

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 12 1988
DATE REPORT MAILED: Sept. 21/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: C. Leong .. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT 419 FILE # 88-3201R

SAMPLE#	Cu %	Pb %	Zn %	Ag OZ/T	Au OZ/T
6301	6.85	-	-	67.54	5.210
6303	3.33	-	.42	2.51	.064
6304	-	.12	.91	.44	.031
6306	-	-	.73	.88	.052
6307	.17	-	-	-	-
6308	-	-	.40	1.61	.122
6309	-	.11	.29	1.62	.093
6310	-	-	.17	.66	.069
6311	.39	.29	.72	2.49	.132
6312	-	.17	1.22	1.57	.103
6313	-	.13	.46	1.66	.114
6314	-	.12	.83	.60	.045
6315	-	-	.32	-	.055

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 12 1988
DATE REPORT MAILED: Sept. 19/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LORNEX MINING CORP. LTD. PROJECT 419 FILE # 88-3643R

SAMPLE#	Cu %	Pb %	Zn %	Ag OZ/T	Au OZ/T
Q 6317	.21	-	.41	.85	-
Q 6319	-	-	.16	2.04	.110
Q 6320	-	-	.26	1.89	.112
Q 6322	-	.16	.14	2.06	.107
Q 6323	-	-	-	1.09	.045
Q 6325	-	-	.16	2.07	.068
Q 6331	-	-	.43	-	-
Q 6342	-	-	-	.86	.045
Q 6348	1.71	.40	-	.66	-
Q 6349	.59	-	-	-	-
Q 6351	.89	-	-	1.13	-
Q 6402	-	-	.19	1.65	.185
Q 6403	-	-	.34	.80	-
Q 6406	.16	-	-	-	-
Q 6407	.12	-	-	-	-

APPENDIX IV

INDUCED POLARIZATION PSEUDOSECTIONS

APPENDIX V

FIGURES 3 to 12

127°43'W 127°41'W 127°39'W 51°41'N 54°40' 54°39'N 54°38'N

6060000N 6058000N 6056000N

583000E 585000E 587000E

Alluvium

Serb Creek

Snow Creek

Icefield

SNOW 4
9187(11)

SNOW 2
8859(8)

SNOW 1
8858(8)

SNOW 3
9067(10)

SNOW 5
9188(11)

SEE FIGURE 4 FOR DETAIL

B.L. 78+50E

B.L. 85+00E

22+00N — 23+00N — 16+00N — 15+00N — 8+00N — 7+00N

343/90

002/59

330/33

347/41

280/90

CAMP △

6405 6406, 6407 6408

1 1a 2 3

5500 5000 4500 4000

LEGEND

- 3 — K-feldspar porphyritic granodiorite dykes
- 2 — Quartz diorite
- 1 — Lower Jurassic Telkwa Formation Intermediate tuffs, breccias, minor flows
- 1a — rhyolite
- Mineralized zones
- Bedding (inclined, overturned)
- Quartz vein
- Fault
- Approximate contact
- Claim boundary
- × Exploration pit
- 6408 ● Rock sample

NTS 93L/12

0 100 200 300 400 500m

Scale 1:10 000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

LORNEX MINING CORPORATION LTD.

SNOW OPTION

PROPERTY PLAN, GEOLOGY, GRID LOCATIONS

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG
OCTOBER 1988.	G.R.C. / J.S.	3

583500E 584000E 584500E 585000E 585500E 586000E

6059000N 6058500N 6058000mN 6057500N

54°40'15"N 54°40'00"N 54°39'45"N 54°39'30"N

127°42'00"W 127°41'30"W 127°41'00"W 127°40'30"W 127°40'00"W

L.23+00N L.22+00N L.21+00N L.20+00N L.19+00N L.18+00N L.17+00N L.16+00N L.15+00N L.14+00N L.13+00N L.12+00N L.11+00N L.10+00N L.9+00N L.8+00N L.7+00N

SNOW 4, 1W
SNOW 3, 5N 1W
SNOW 4, 2W
SNOW 3
SNOW 2

Creek

Basalt dyke
Falls
Limits of gossanous outcrop in Snow Creek

[97, 6301-6303] 197-45.81g/t Au, 792.7g/t Ag
6301-178.63g/t Au, 2315.7g/t Ag, 6.85% Cu
6303-2.19g/t Au, 86.1g/t Ag, 3.33% Cu

BD 199
6304 1.08g/t Au, 15.1g/t Ag, 0.91% Zn
6305
6306 1.78g/t Au, 30.2g/t Ag, 0.73% Zn
RMC-10, BD 200, 6307, 6308
6308-4.18g/t Au, 55.2g/t Ag, 0.40% Zn
6309-6314 - Averaged 3.18g/t Au, 49.1g/t Ag, 0.62% Zn, 0.14% Pb
6315 1.89g/t Au
6348 22.6g/t Ag, 1.71% Cu, 0.80% Pb
6349, 6350
6351 - 38.7g/t Au, 0.89% Cu
6342
6343
6316-6327, 6334-6341
6320 - 3.84g/t Au, 64.8g/t Ag
6322 - 3.67g/t Au, 70.6g/t Ag
6332
6333
GC 88-8, 8a
6342
6345
6328
6346
121, GC 88-7, 6347
121-489.09g/t Au, 246.8g/t Ag
GC 88-7-4.87g/t Au, 104.9g/t Ag
6329
6310
118
119, 6331
6403
6402 - 6.34g/t Au, 56.6g/t Ag
6352
6405 - 27.4g/t Ag, 0.34% Zn
6404
108
RMC-8
104

LITHOLOGIES

4 Medium-grained, grey, k-feldspar porphyritic granodiorite dykes/sills
3 Coarse-grained, grey-white quartz diorite

LOWER JURASSIC TELKWA FORMATION

2 Fine grained, grey-tan banded rhyolite
1 1a - Red to maroon tuff and breccia
1b - Mottled to intercalated green and maroon-red tuff and fine breccia
1c - Green tuff, fine breccia, flows (?)

SYMBOLS

Bedding
Fractures, shears
Vein in shear zone
Vein
Dyke
Slickensides
Local fault
Regional fault
Lithological contact (approximate)

● 6322 Rock sample (outcrop)
▲ 6304 Rock sample (float)
□ Claim post
Outcrop
Claim line
ML Malachite

LEGEND

N.T.S. 93L/12

0 50 100 150 200m
Scale 1:2500

GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,014

LORNEX MINING CORPORATION LTD

SNOW OPTION

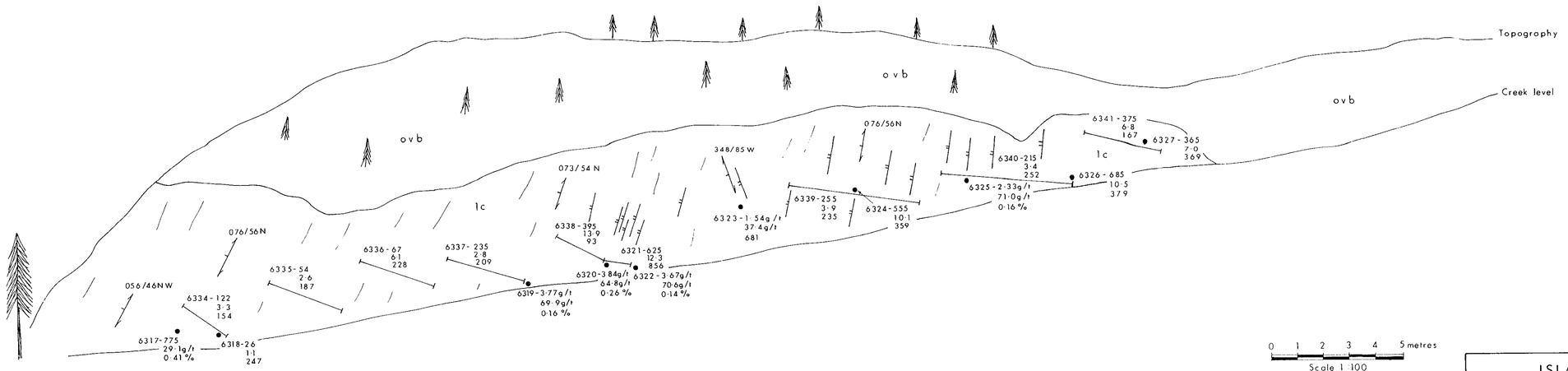
DETAILED GEOLOGY AND ROCK SAMPLE SITES

OMINECA MINING DIVISION

DATE: OCTOBER 1988. DRAWN BY: G.R.C. / J.S. DWG. #: 4

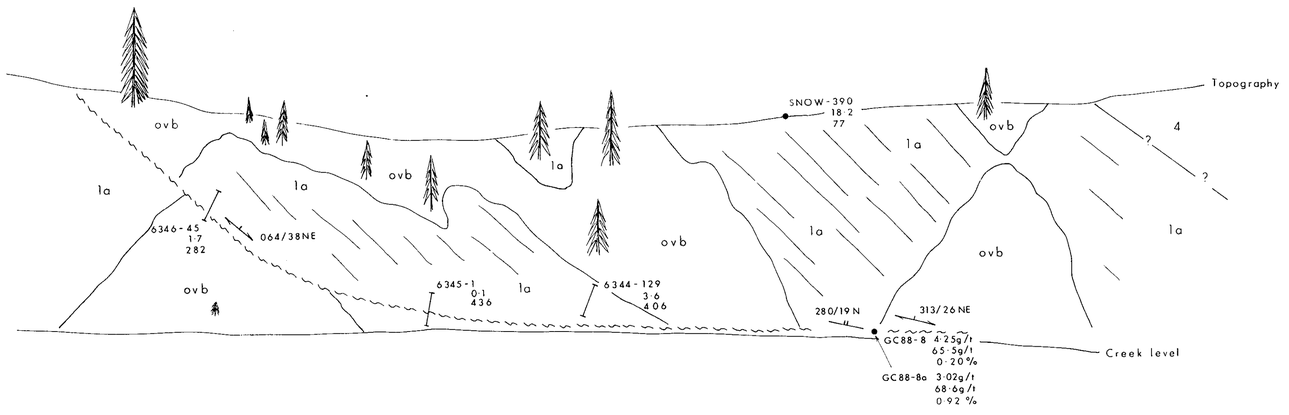
ISLAND SHOWING

N — VIEW TO EAST — S



0 1 2 3 4 5 metres
Scale 1:100

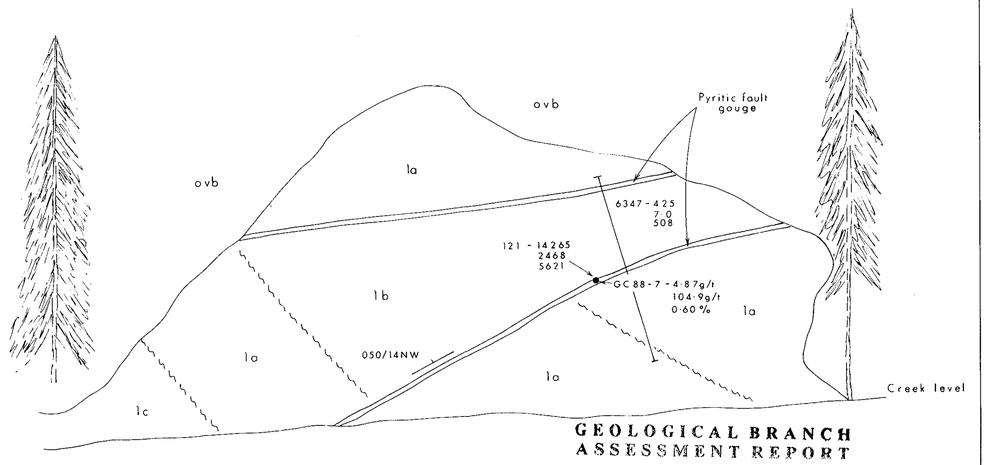
S — VIEW TO WEST — N



0 1 2 3 4 5 metres
Scale 1:100

PENINSULA SHOWING

N — VIEW TO EAST — S



0 0·25 0·50 0·75 1·00metres
Scale 1:25

DISCOVERY SHOWING

LITHOLOGIES

- 4 — K-feldspar porphyritic granodiorite
- 1 — Lower Jurassic Telkwa Formation
  - 1a Red to maroon breccia and tuff
  - 1b Mottled to intercalated green and maroon breccia and tuff.
  - 1c Green breccia and tuff
- ovb Overburden

SYMBOLS

- Shear
- Fault
- ?— Contact (approximate)
- Dominant fracture trace
- Quartz-carbonate vein

LEGEND

- ● 6317 Grab sample Au ppb Ag ppm Except as noted Zn ppm
- 6345 Chip sample Au ppb Ag ppm Zn ppm

NTS 93L /12

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

LORNEX MINING CORPORATION LTD.

SNOW OPTION

CHIP SAMPLE SKETCH MAPS

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG.
OCTOBER 1988.	G.R.C. / J. S.	5

583500E 584000E 584500E 585000E 585500E 586000E

L 23+00N L 22+00N L 21+00N L 20+00N L 19+00N L 18+00N L 17+00N L 16+00N L 15+00N L 14+00N L 13+00N L 12+00N L 11+00N L 10+00N L 9+00N L 8+00N L 7+00N

54°40'15"N 54°60'00"N 54°39'30"N

6059000N 6058500N 6058000N 6057500N

127°42'00"W 127°41'30"W 127°41'00"W 127°40'30"W 127°40'00"W

ZONE 4
(Ag,Cu)

ZONE 3
(Ag,Cu)

ZONE 2
(Au)

ZONE 1
(Au,Ag,Cu)

SNOW 3 SNOW 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

CONTOUR INTERVALS

	Au ppb	Ag ppm
Weakly anomalous	57	2·8
Moderately anomalous	103	4·6
Strongly anomalous	149	6·4

LEGEND

ABBREVIATIONS

Ns No sample
Au Gold
Ag Silver

Gold contour
Silver contour

28 station 1·2

ppb Au in soil
ppm Ag in soil

Claim line

NTS 93L/12

0 50 100 150 200m
Scale 1:2500

LORNEX MINING CORPORATION LTD.

SNOW OPTION

GOLD AND SILVER SOIL GEOCHEMISTRY

OMINECA MINING DIVISION

DATE: OCTOBER 1988. | DRAWN BY: M.G.S./J.S. | DWG. 6

583500E 584000E 584500E 585000E 585500E 586000E

L 23+00N L 22+00N L 21+00N L 20+00N L 19+00N L 18+00N L 17+00N L 16+00N L 15+00N L 14+00N L 13+00N L 12+00N L 11+00N L 10+00N L 9+00N L 8+00N L 7+00N

6059000N 6058500N 6058000N 6057500N

56°40'15"N 56°40'00"N 56°39'45"N 56°39'30"N

127°42'00"W 127°41'30"W 127°41'00"W 127°40'30"W 127°40'00"W

ZONE 4 (Ag,Cu)

ZONE 5 (Cu)

ZONE 3 (Ag,Cu)

ZONE 1 (Au, Ag,Cu)

SNOW 3 SNOW 2

CONTOUR INTERVALS

	Cu ppm	As ppm
Weakly anomalous	69	31
Moderately anomalous	113	51
Strongly anomalous	157	71

LEGEND

ABBREVIATIONS

Ns No sample
Cu Copper
As Arsenic

Copper contours

Arsenic contours

38 ppm Cu in soil
station 12 ppm As in soil

Claim line

NTS 93L/12

0 50 100 150 200m

Scale 1:2500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

LORNEX MINING CORPORATION LTD.

SNOW OPTION

COPPER AND ARSENIC SOIL GEOCHEMISTRY

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG
OCTOBER 1988.	M.G.S./J.S.	7

583500E 584000E 584500E 585000E 585500E 586000E

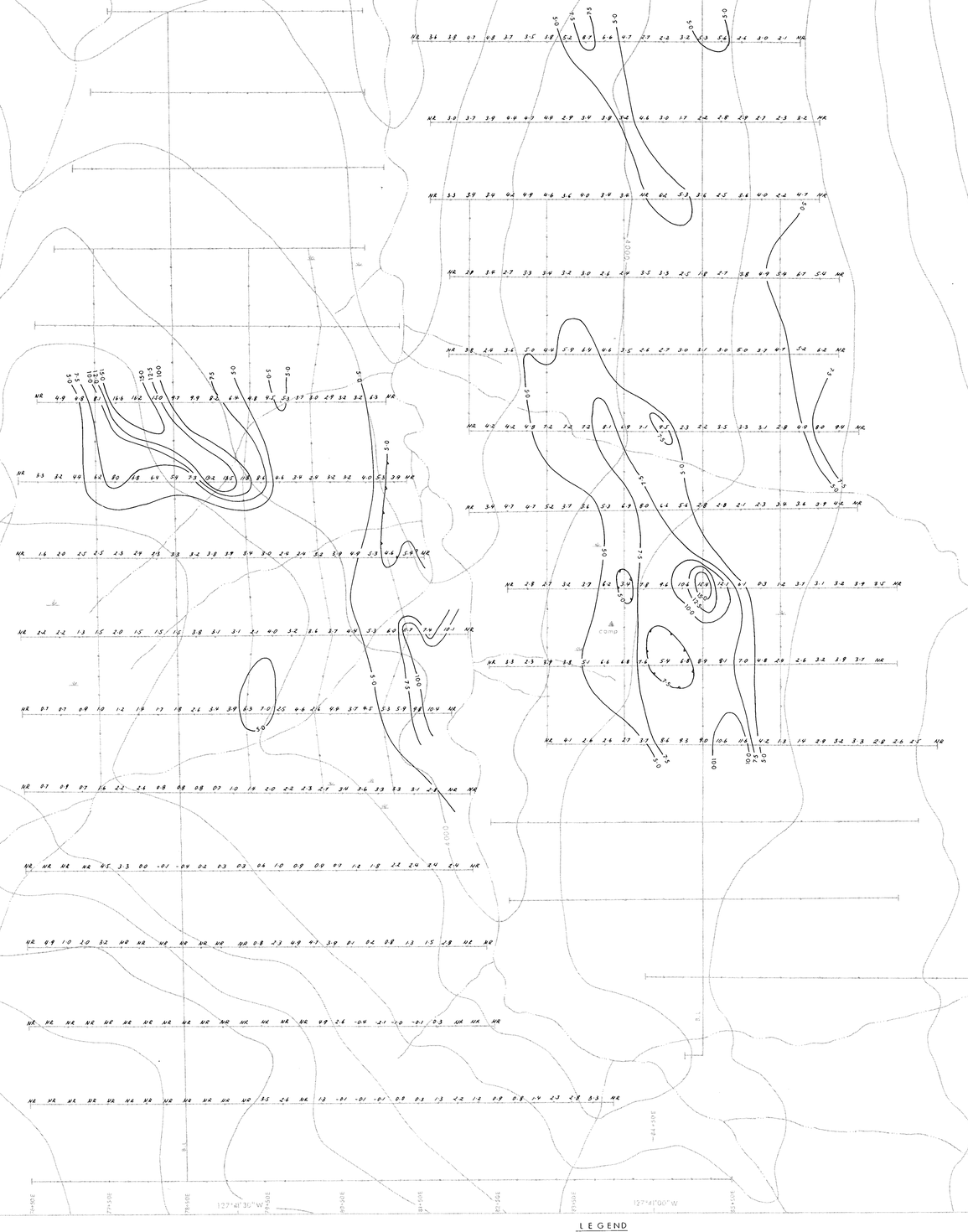
54°40'15"N 54°40'00"N 54°39'45"N 54°39'30"N

127°42'00"W 127°41'30"W 127°41'00"W 127°40'30"W

L.22+00N L.21+00N L.20+00N L.19+00N L.18+00N L.17+00N L.16+00N L.15+00N L.14+00N L.13+00N L.12+00N L.11+00N L.10+00N L.9+00N L.8+00N L.7+00N

6059000N 6058500N 6058000N 6057500N

SNOW 3 SNOW 2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

LEGEND

ABBREVIATIONS

NR No reading

CONTOUR INTERVAL

15·0 / 12·5 / 10·0 / 7·5 / 5·0 — Contoured chargeability
Contour interval 5·0, 7·5, 10·0, 12·5, 15·0 milliseconds

Claim line

NTS 93L/12

0 50 100 150 200m
Scale 1:2500

LORNEX MINING CORPORATION LTD

SNOW OPTION

INDUCED POLARIZATION (IP8II) SURVEY
POLE-DIPOLE ARRAY
CHARGEABILITY, n=1, FIELD M·7
OMINECA MINING DIVISION

DATE	DRAWN BY	DWG.
OCTOBER 1988	M.G.S./J.S.	8

583500E 584000E 584500E 585000E 585500E 586000E

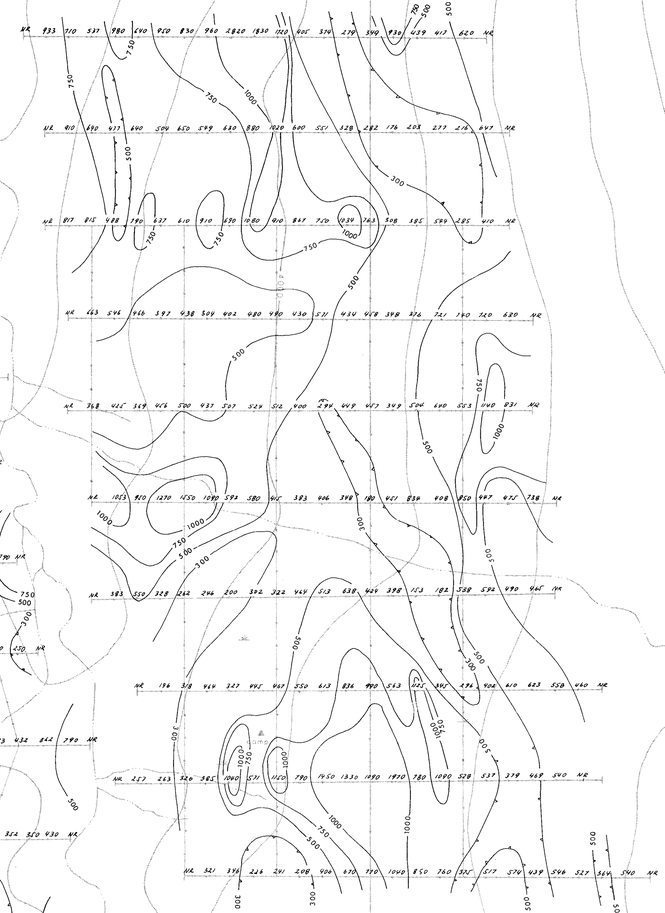
L.23+00N L.22+00N L.21+00N L.20+00N L.19+00N L.18+00N L.17+00N L.16+00N L.15+00N L.14+00N L.13+00N L.12+00N L.11+00N L.10+00N L.9+00N L.8+00N L.7+00N

54°40'15"N 54°40'00"N 54°39'45"N 54°39'30"N

6059000N 6058500N 6058000N 6057500N

127°42'00"W 127°41'30"W 127°41'00"W 127°40'30"W 127°40'00"W

SNOW 2 SNOW 3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

LEGEND

ABBREVIATIONS

NR No reading

CONTOUR INTERVAL

1000 / 750 / 500 / 300 — Contoured resistivity
Contour interval 300, 500, 750, 1000 ohm metres

Claim line

N.T.S. 93L/12

0 50 100 150 200 m
Scale 1:2500

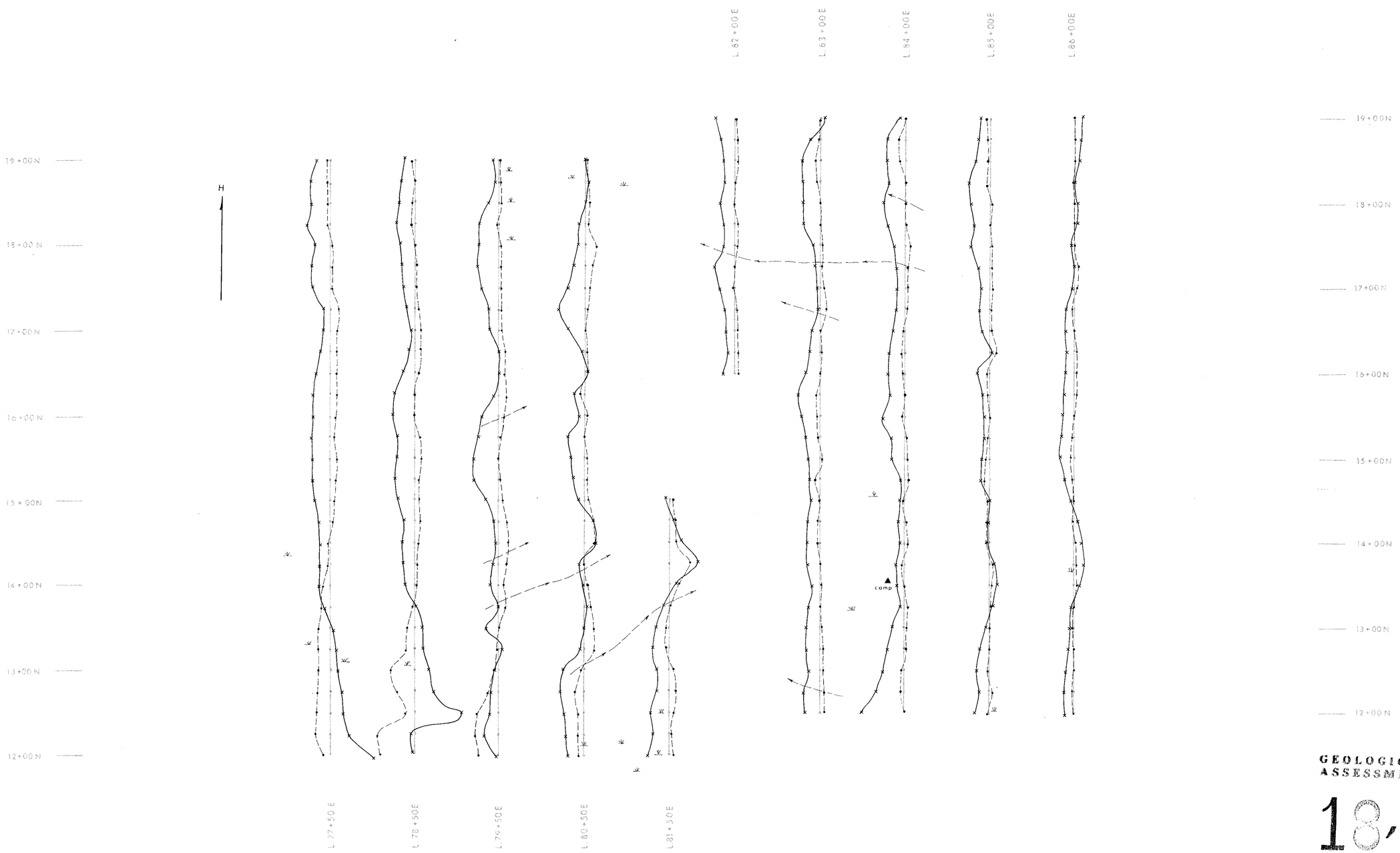
LORNEX MINING CORPORATION LTD.

SNOW OPTION

INDUCED POLARIZATION (IPRII) SURVEY
POLE-DIPOLE ARRAY
APPARENT RESISTIVITY, n = 1

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG.
OCTOBER 1988	M.G.S./J.S.	9



LEGEND

-40 -20 0 +20 +40 %

Quadrature — In-phase

Intermittant stream

NTS 93L/12

0 50 100 150 200 m

Scale 1:2500

LORNEX MINING CORPORATION LTD.

SNOW OPTION

VLF EM-16 SURVEY

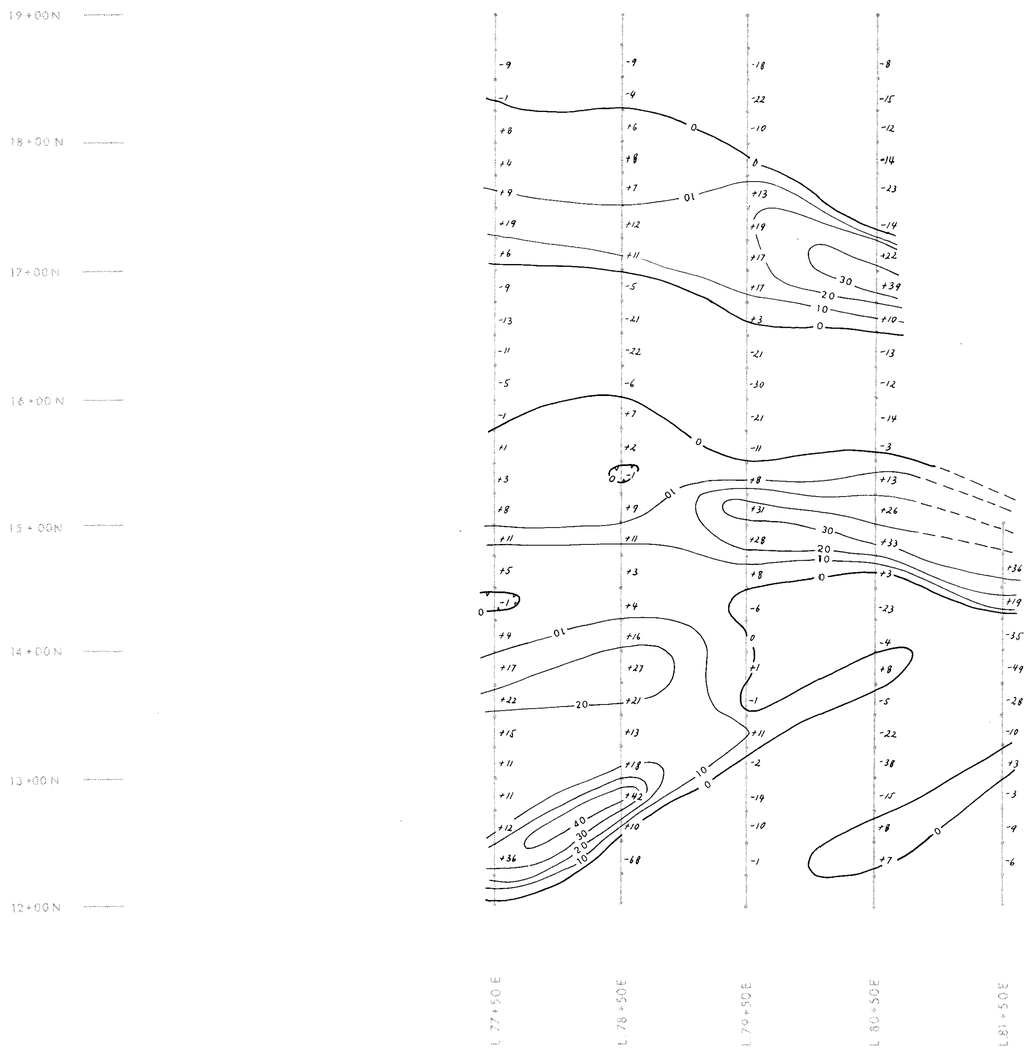
TRANSMITTER STATION : ANNAPOLIS, M.D. (21·4 kHz)

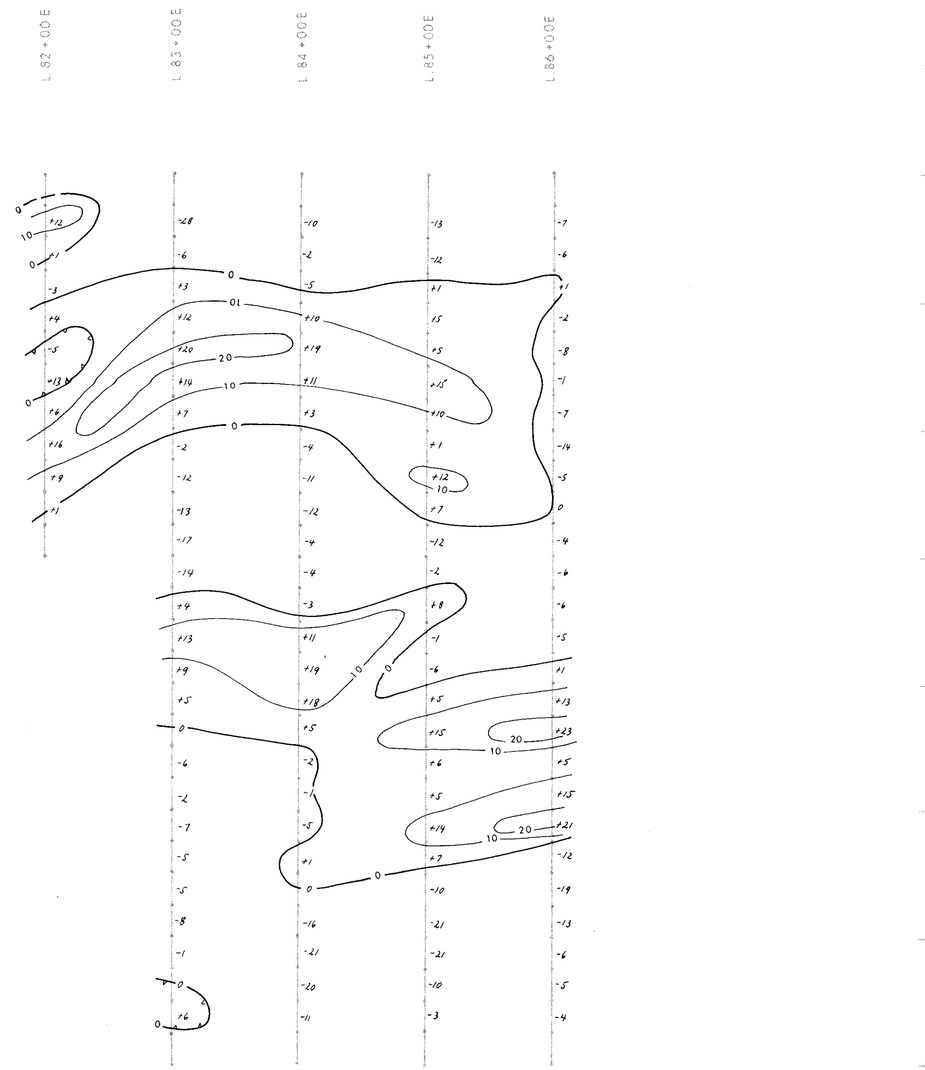
OMINECA MINING DIVISION

DATE	DRAWN BY	DWG.
OCTOBER 1988.	M.G.S. / J.S.	10

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014





LEGEND

CONTOUR INTERVALS

	In-phase %
	0
Weakly anomalous	10
Moderately anomalous	20
Strongly anomalous	30

NTS 93L/12

0 50 100 150 200 m

Scale 1:2500

18,014

LORNEX MINING CORPORATION LTD.

SNOW OPTION

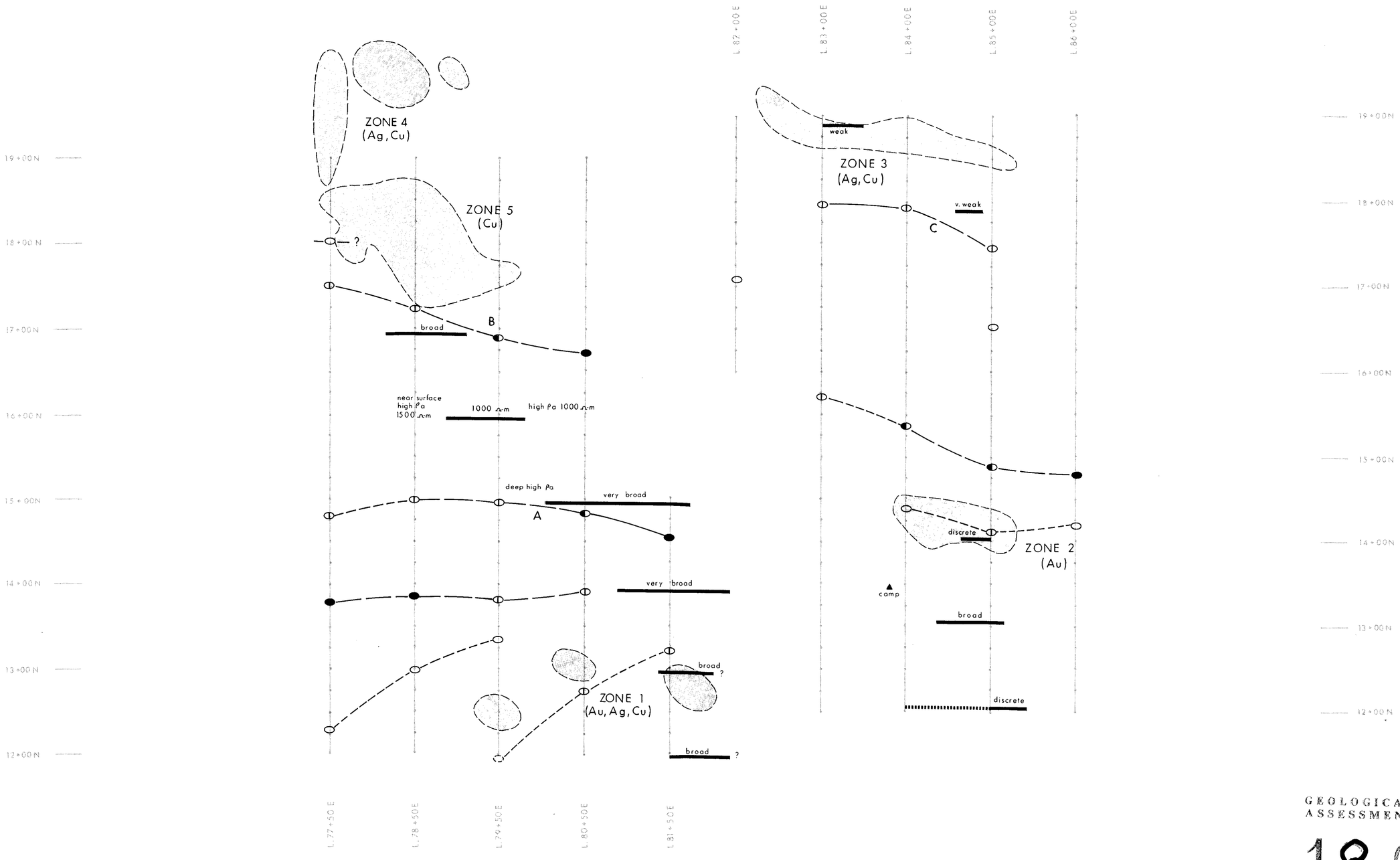
VLF EM-16

CONTOURED, FRASER FILTERED DATA

TRANSMITTER STATION; ANNAPOLIS, M.D. (21·4 kHz)

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG.
OCTOBER 1988.	MGS / J.S.	11



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,014

I. P. INTERPRETATION

Slice 7 chargeabilities

M 7 zone > 2 × background

Pa Resistivity

LEGEND

VLF-EM INTERPRETATION

Conductors

- Strong
- Moderate
- Weak
- Possible topographic effect

Continuity

- Definite
- Probable
- Possible

A Conductor designation

GEOCHEM INTERPRETATION

Anomalous soil geochemistry zones
Anomalous elements indicated

NTS 93L/12

0 50 100 150 200 m

Scale 1:2500

LORNEX MINING CORPORATION LTD.

SNOW OPTION

GEOPHYSICAL - GEOCHEMICAL COMPILATION

OMINECA MINING DIVISION

DATE	DRAWN BY	DWG
OCTOBER 1988	K.D.L., G.R.C. / J.S.	12

LORNEX MINING CORPORATION

SNOW PROPERTY

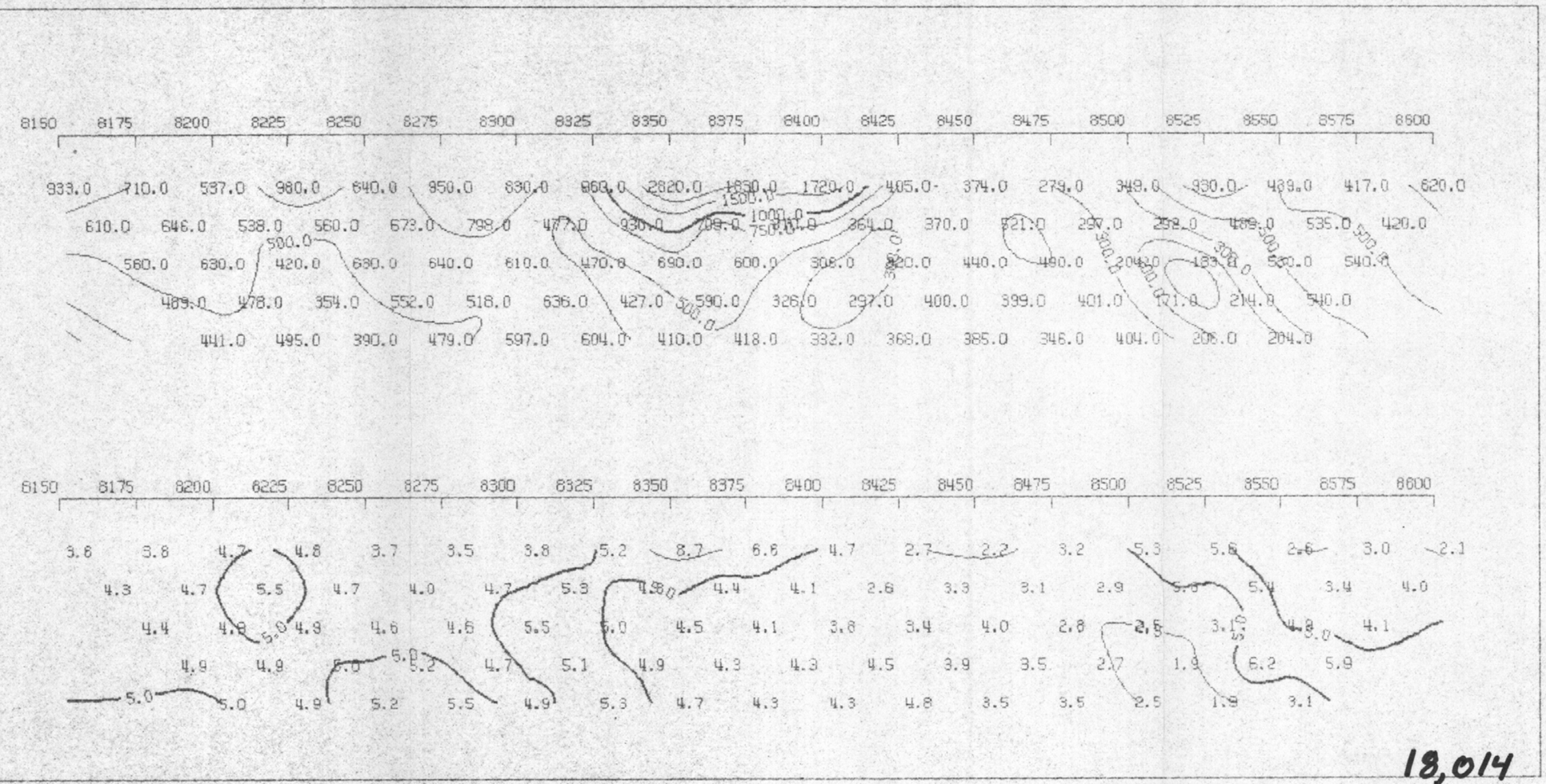
LINE NUMBER: 2100

"A": 25.0 METRES N=1 TO 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

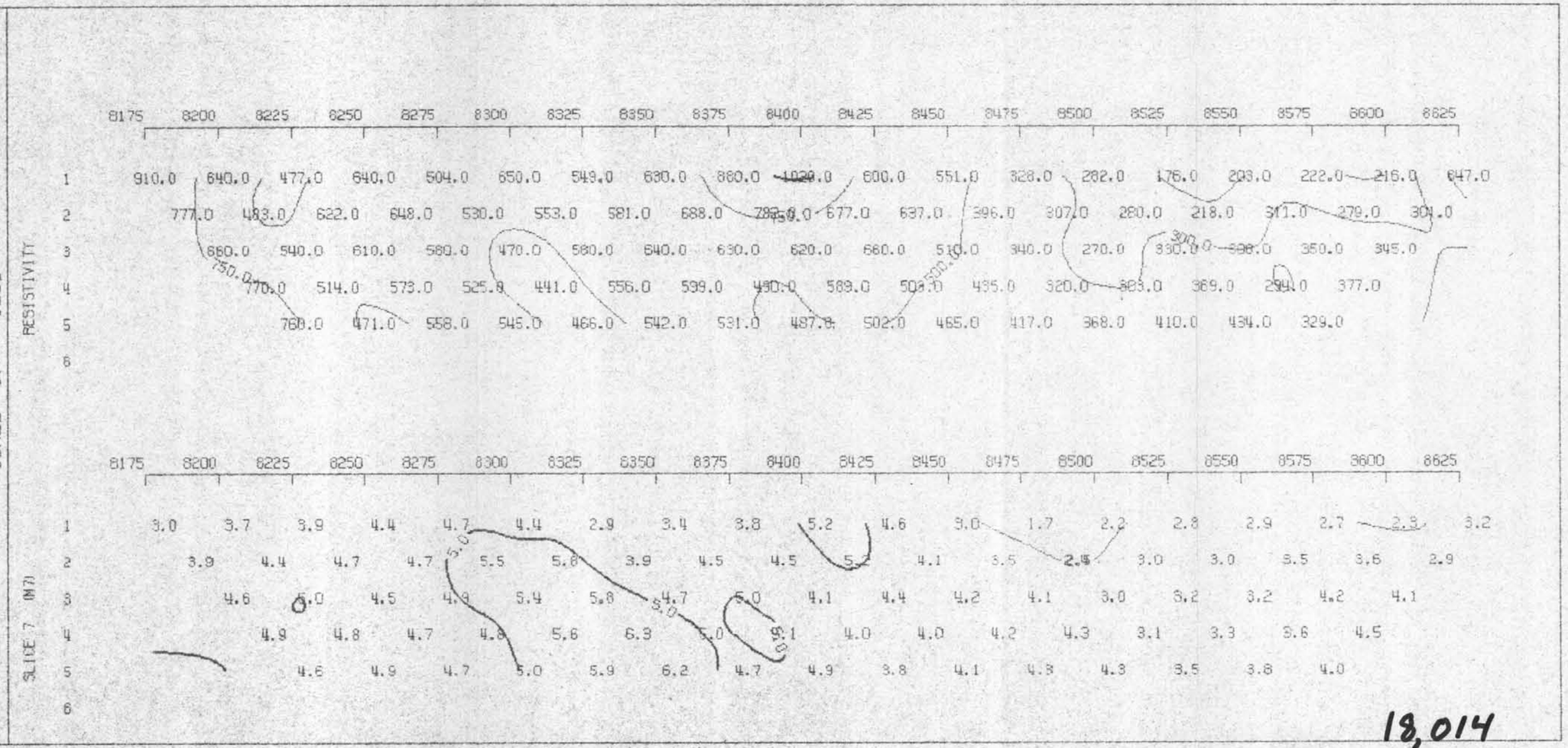
LINE NUMBER: 2000

"A": 25.0 METRES N=1 TO 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

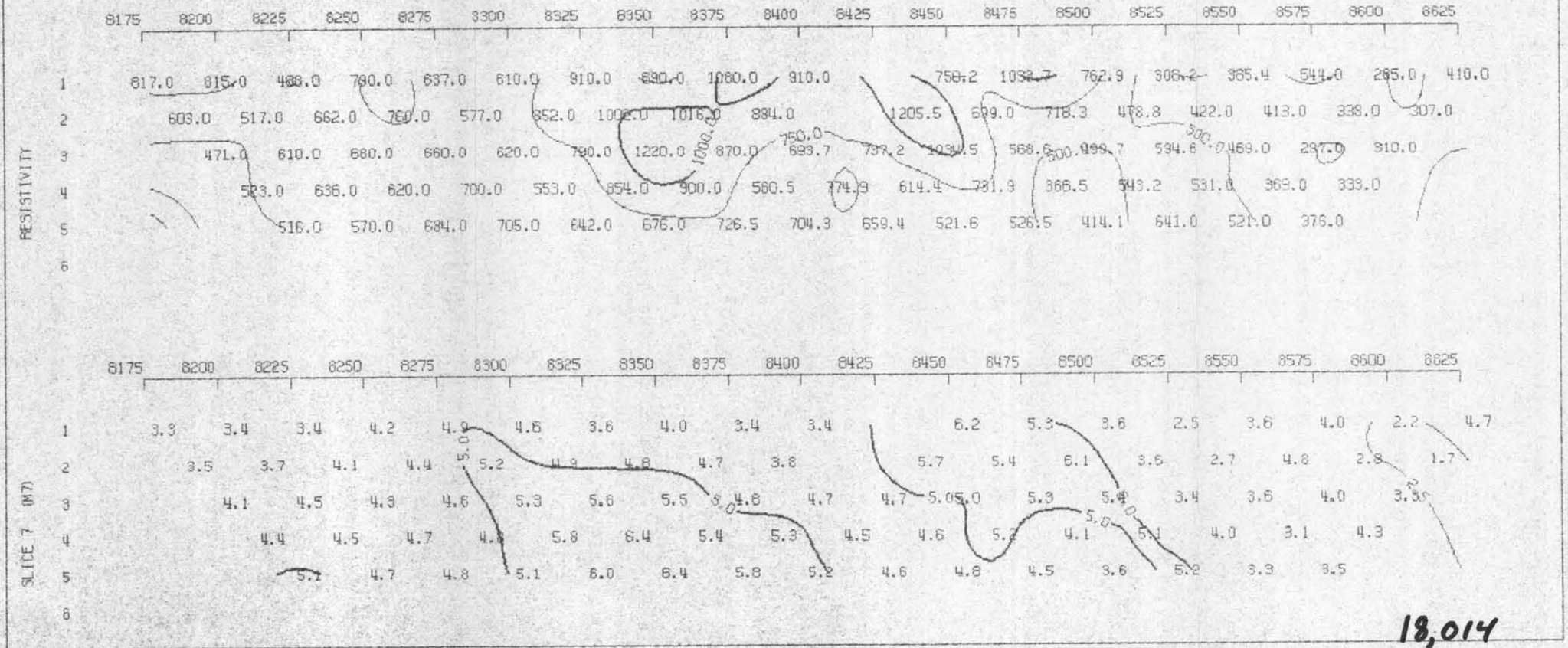
LINE NUMBER: 1900

"A": 25.0 METRES N=1 TO 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

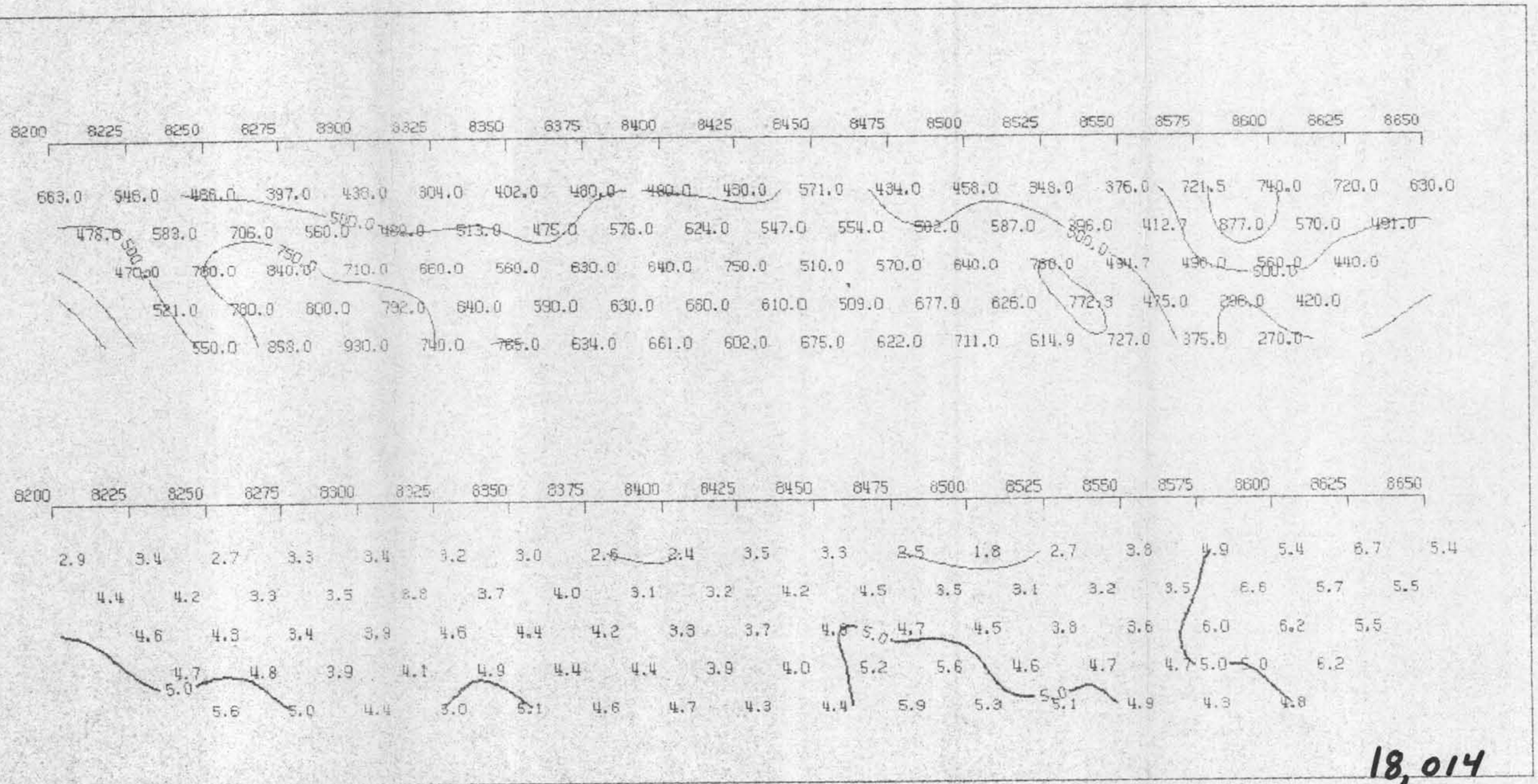
LINE NUMBER: 1800

"R": 25.0 METRES N=1 TO 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

LINE NUMBER: 1700

"A": 25.0 METRES N=1 TO 5

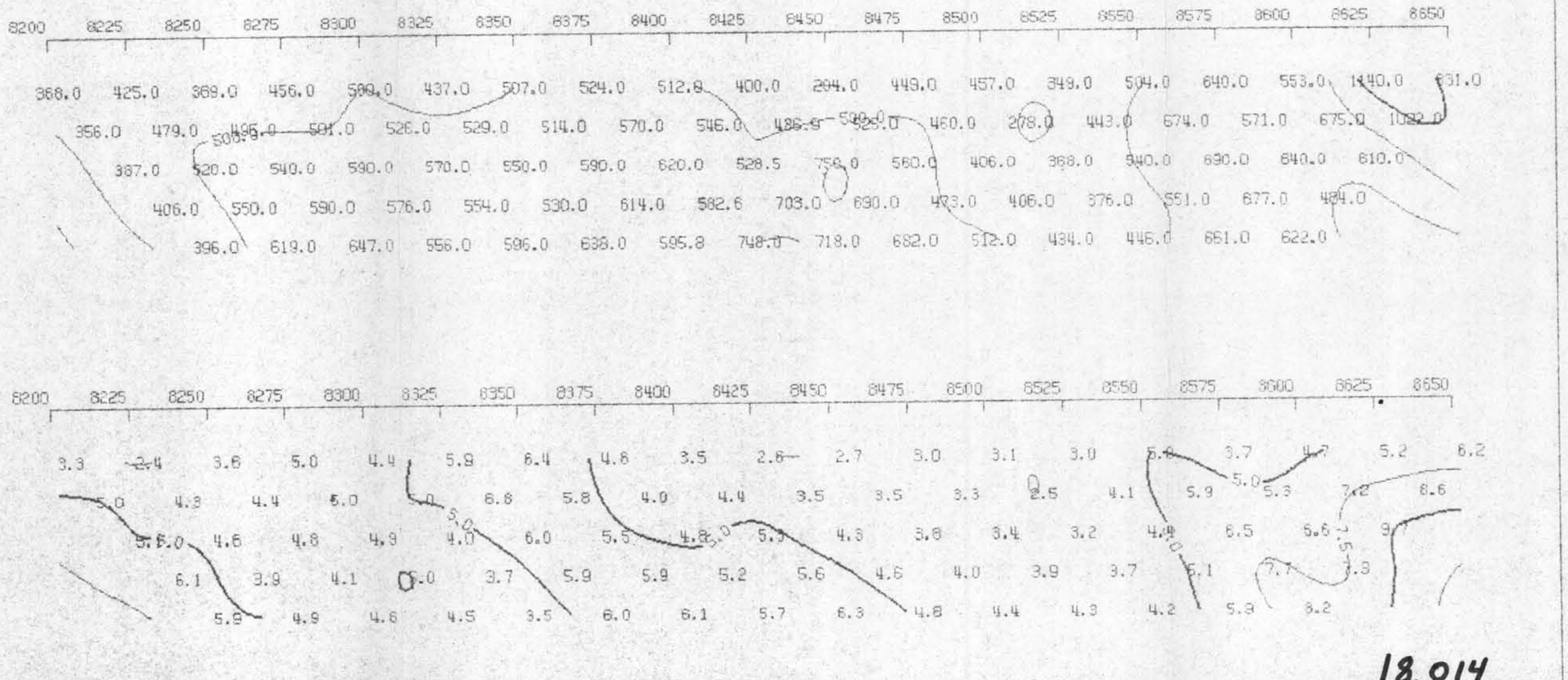
SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250

RESISTIVITY

SLICE 7 (N7)



18,014

LØRNEX MINING CØRPØRATIØN

SNØW PRØPERTY

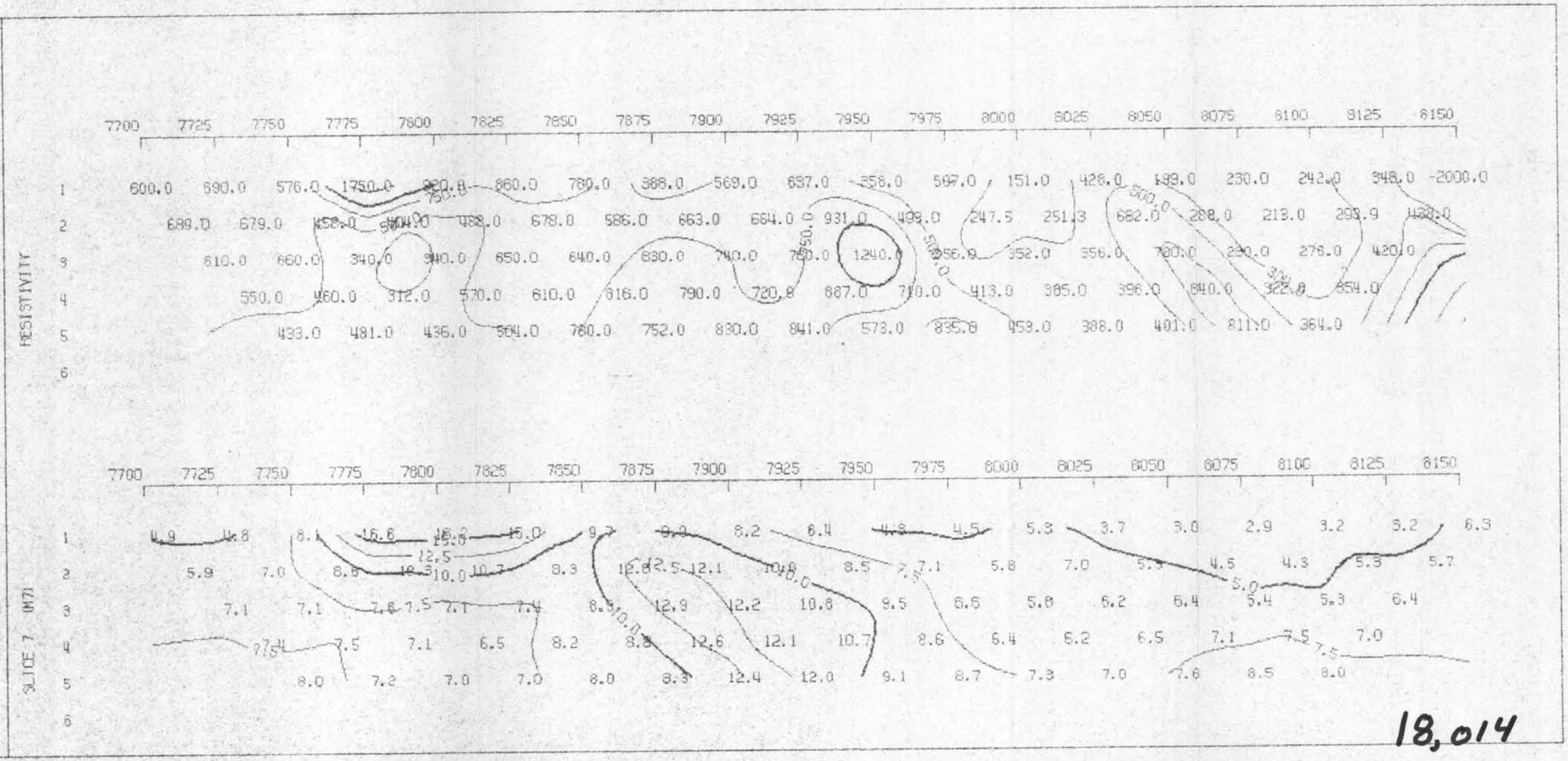
LINE NUMBER: 1700

"A": 25.0 METRES N=1 TØ 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

PØLE-DIPØLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATION

SNOW PROPERTY

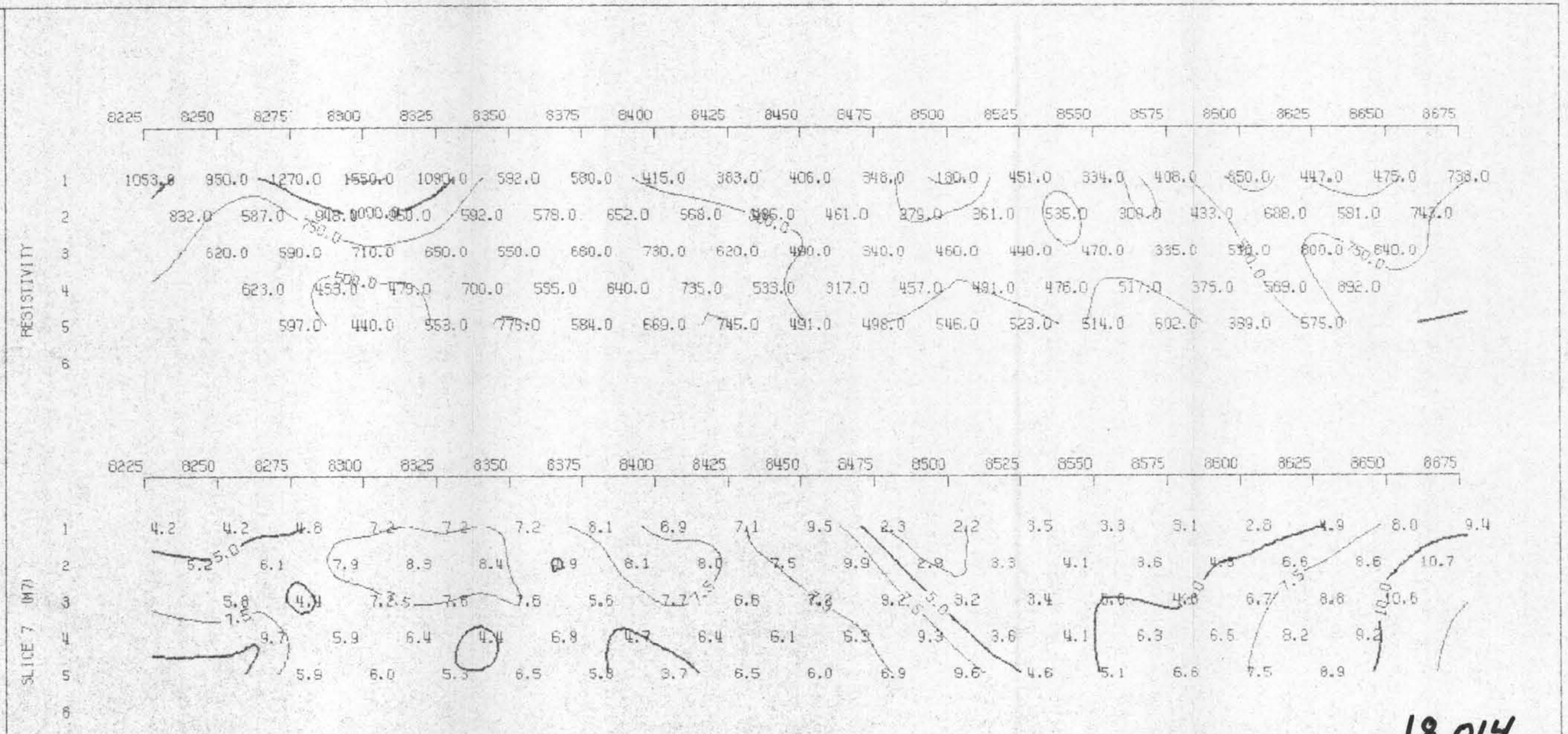
LINE NUMBER: 1600

"A": 25.0 METRES N=1 TO 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

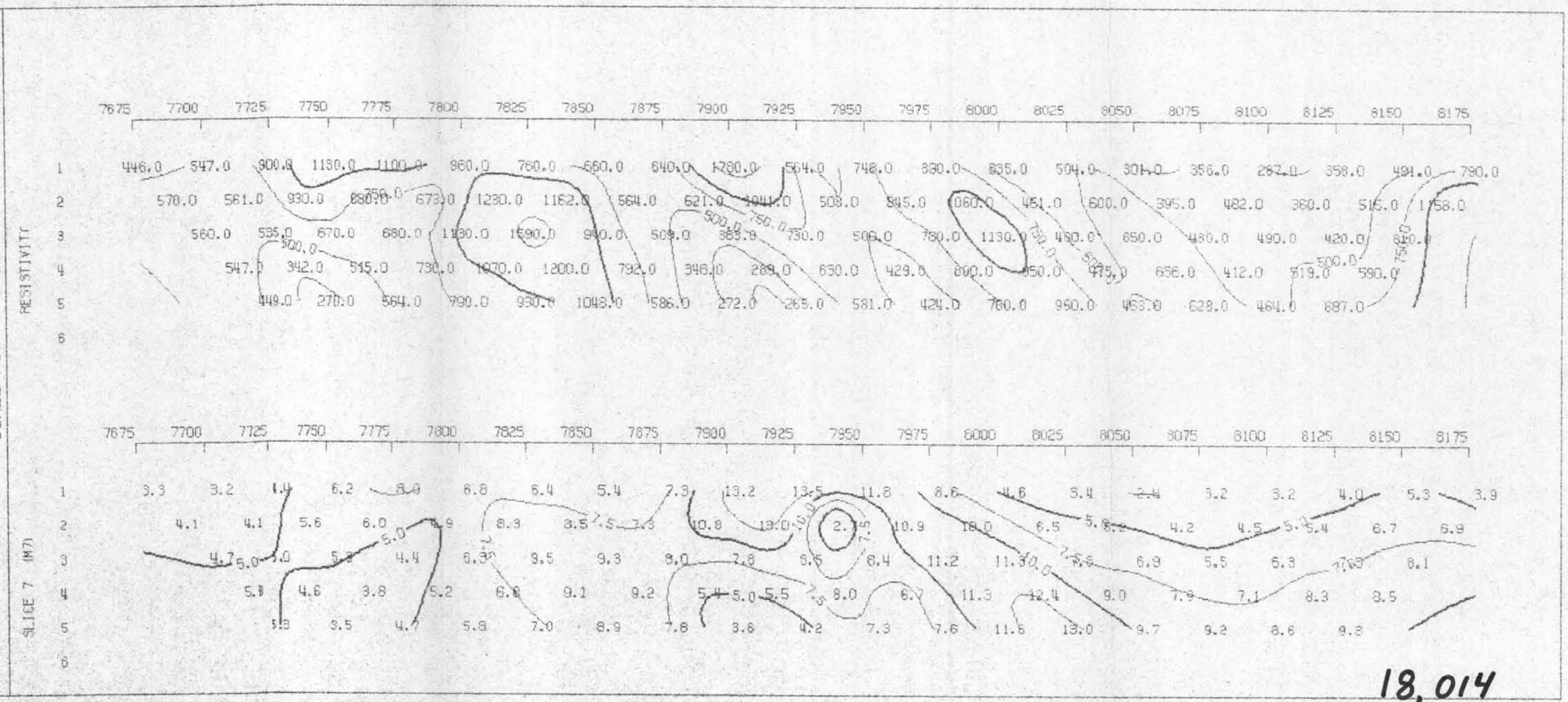
LINE NUMBER: 1600

"A": 25.0 METRES N=1 TO 5.

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATIØN

SNØW PRØPERTY

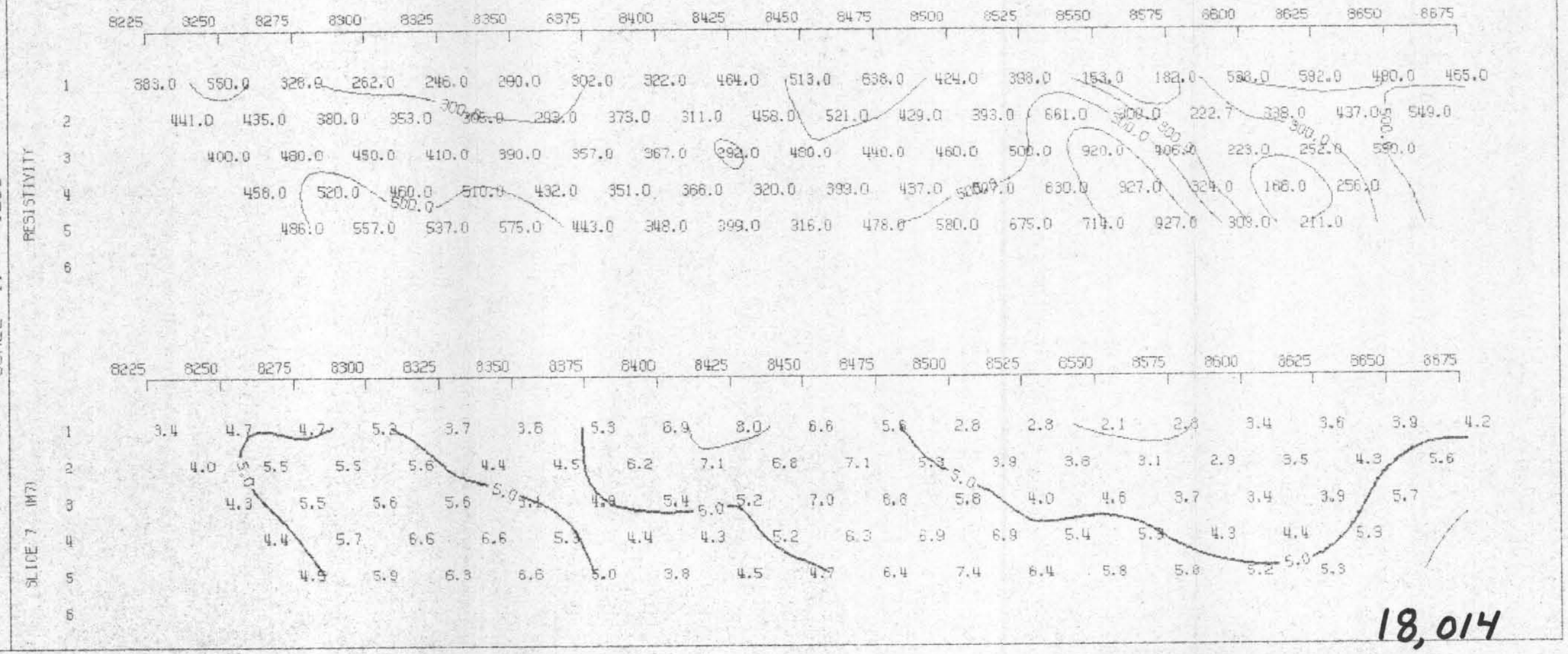
LINE NUMBER: 1500

"A": 25.0 METRES N=1 TØ 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

PØLE-DIPØLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CORPORATION

SNOW PROPERTY

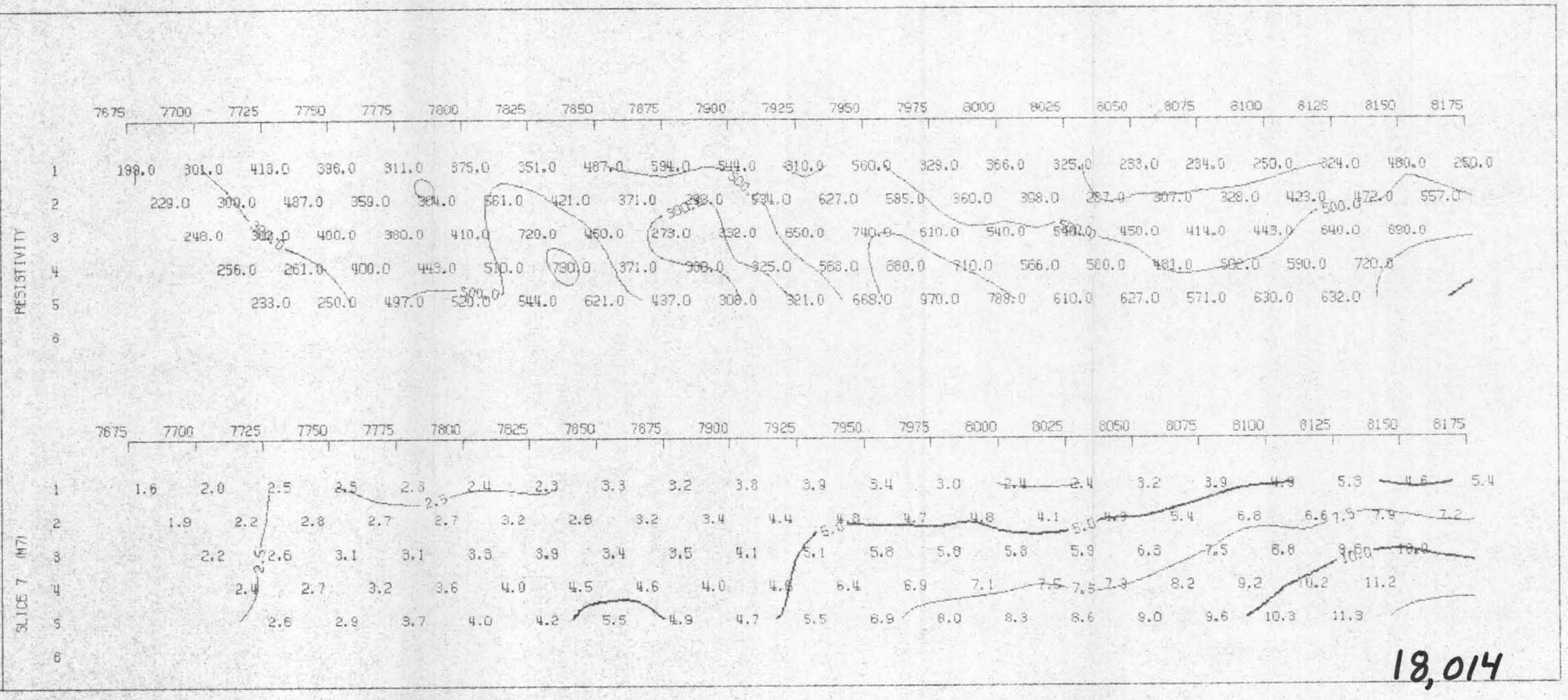
LINE NUMBER: 1500

"A": 25.0 METRES N=1 TO 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATION

SNOW PRØPERTY

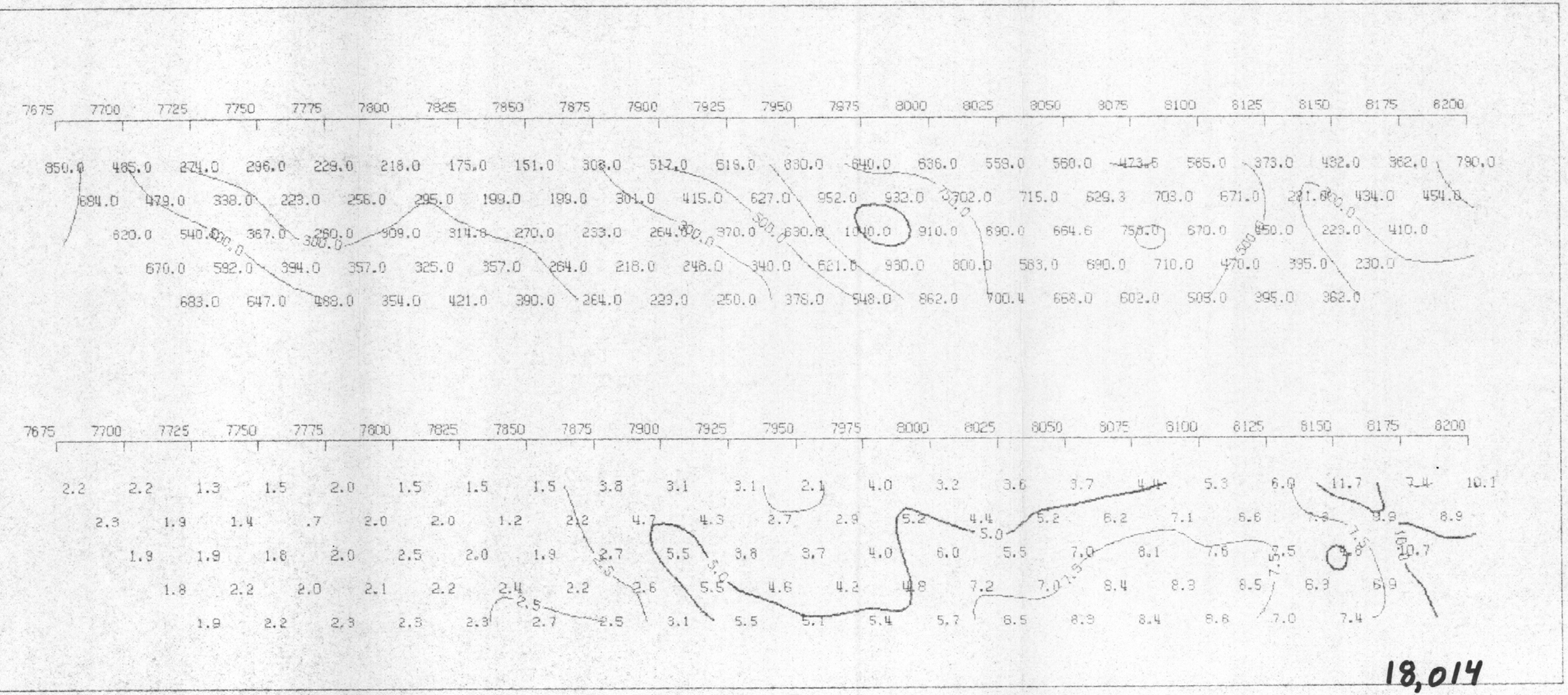
LINE NUMBER: 1400

"A": 25.0 METRES N=1 TØ 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATION

SNØW PRØPERTY

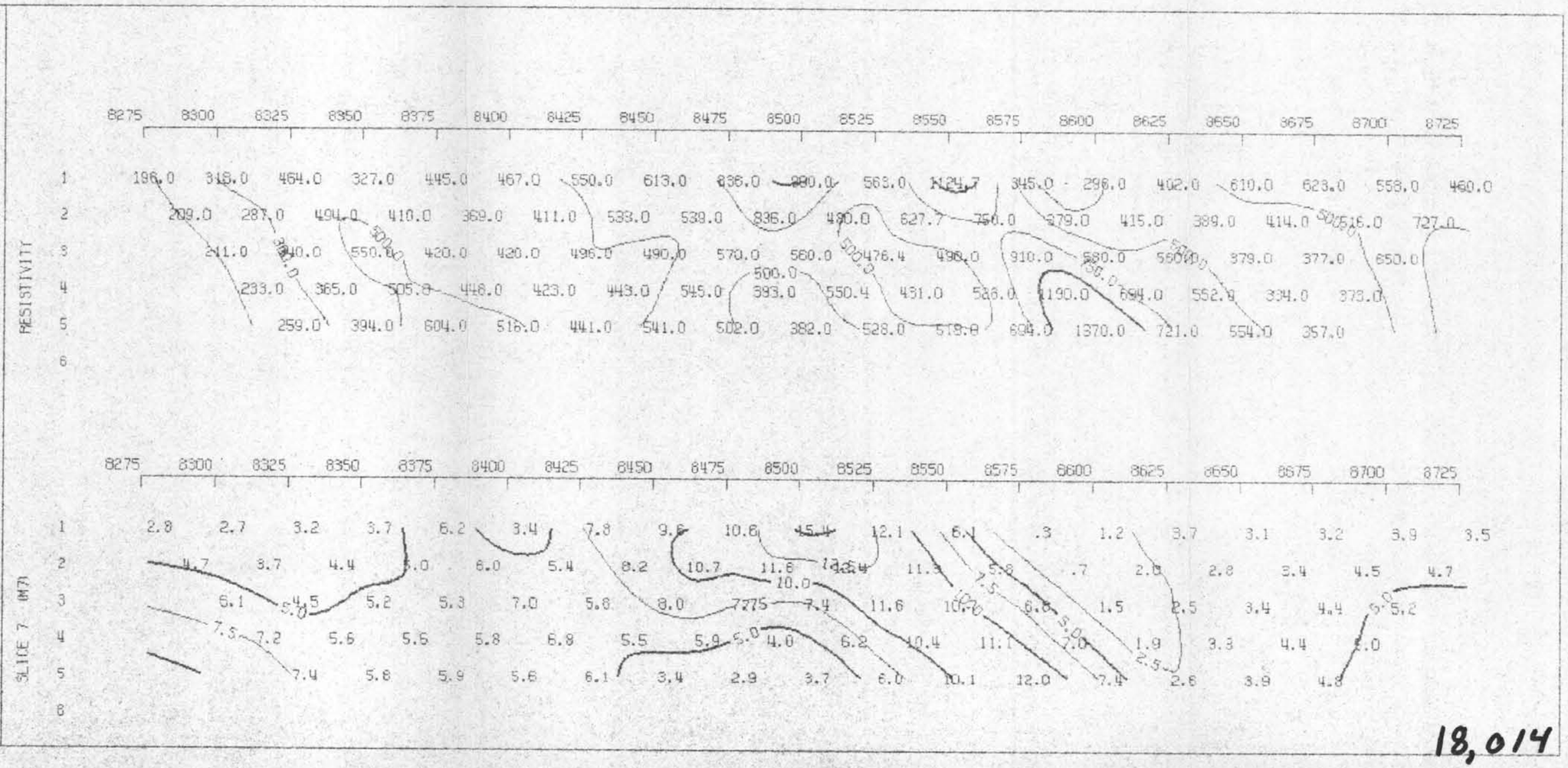
LINE NUMBER: 1400

"A": 25.0 METRES N=1 TØ 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

PØLE-DIPØLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

LINE NUMBER: 1300

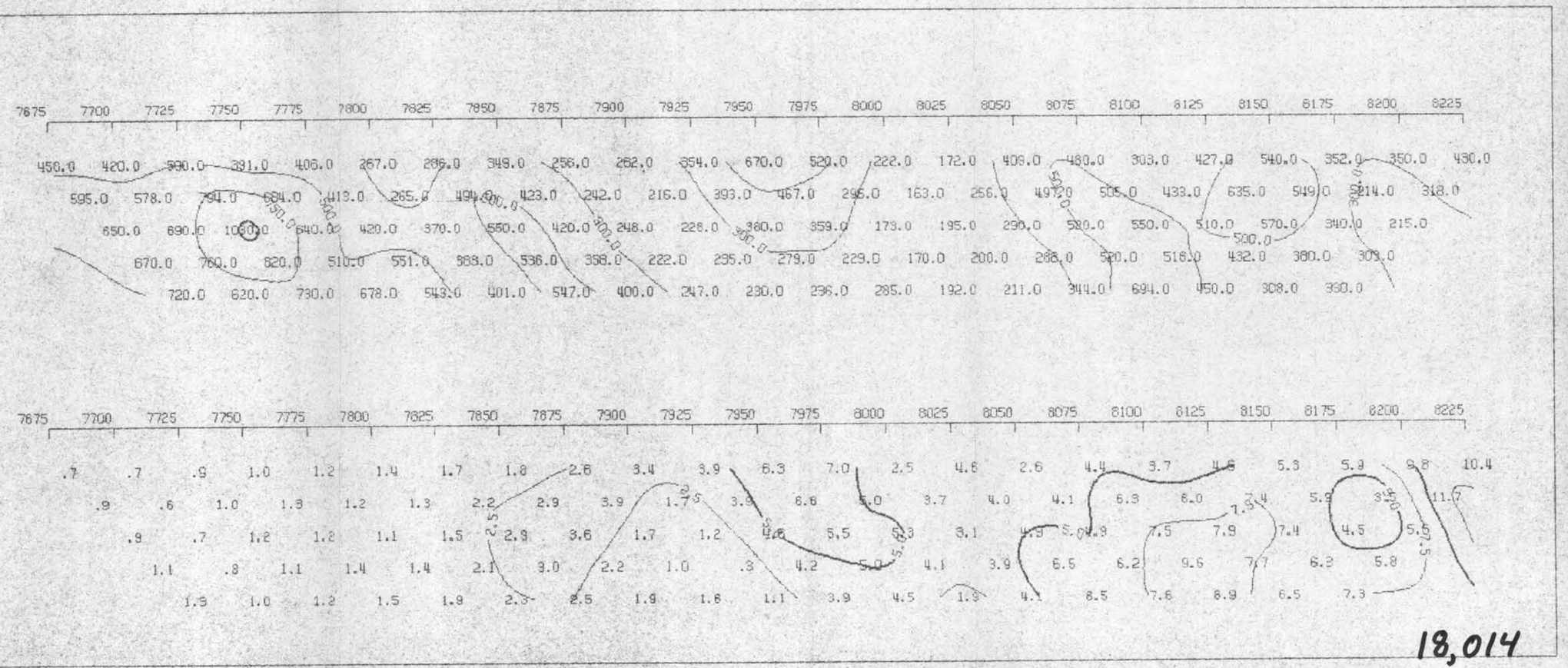
N=1 TO 5

"A": 25.0 METRES

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATIØN

SNOW PROPERTY

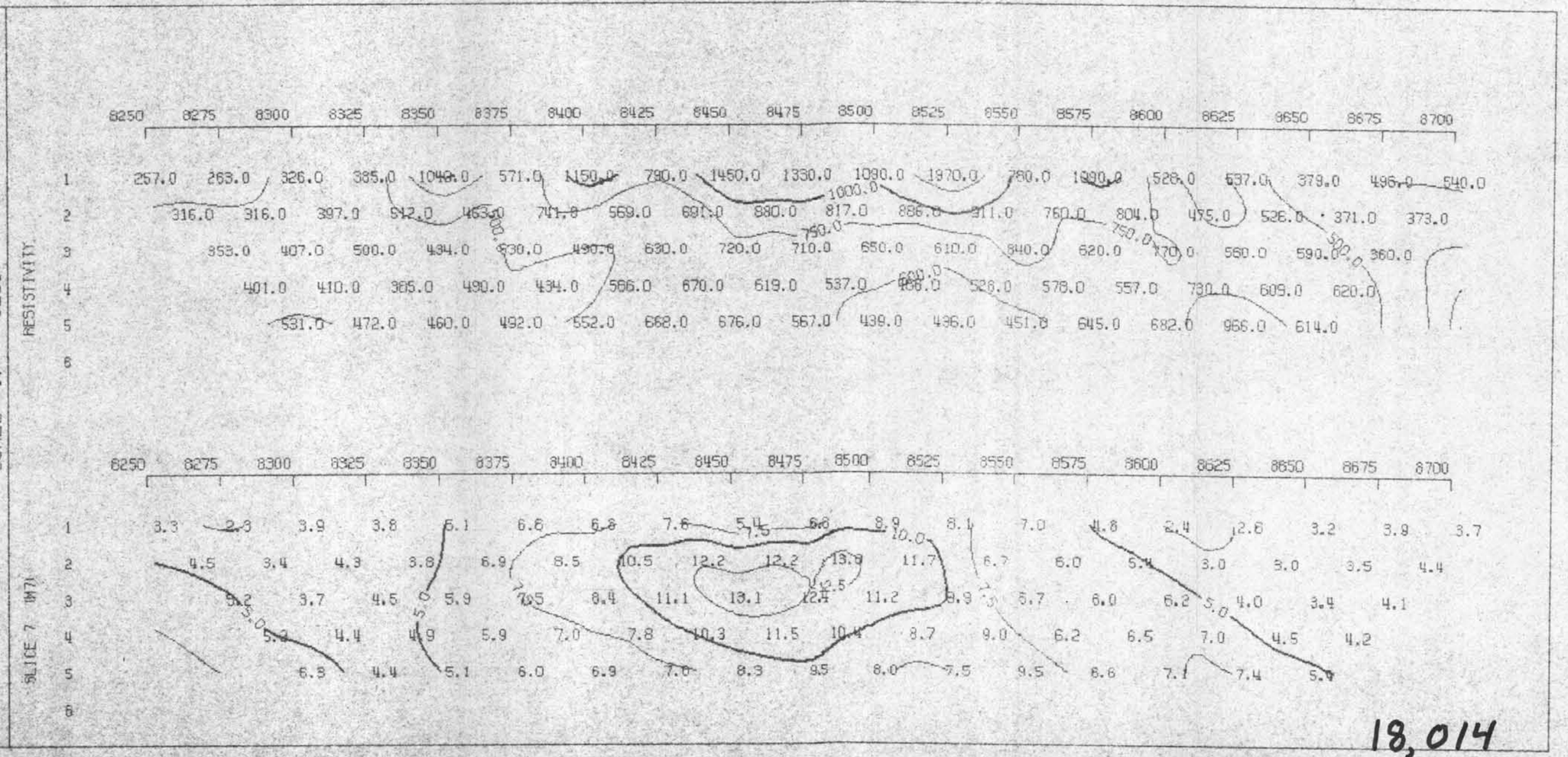
LINE NUMBER: 1300

"A": 25.0 METRES N=1 TØ 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

PØLE-DIPØLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

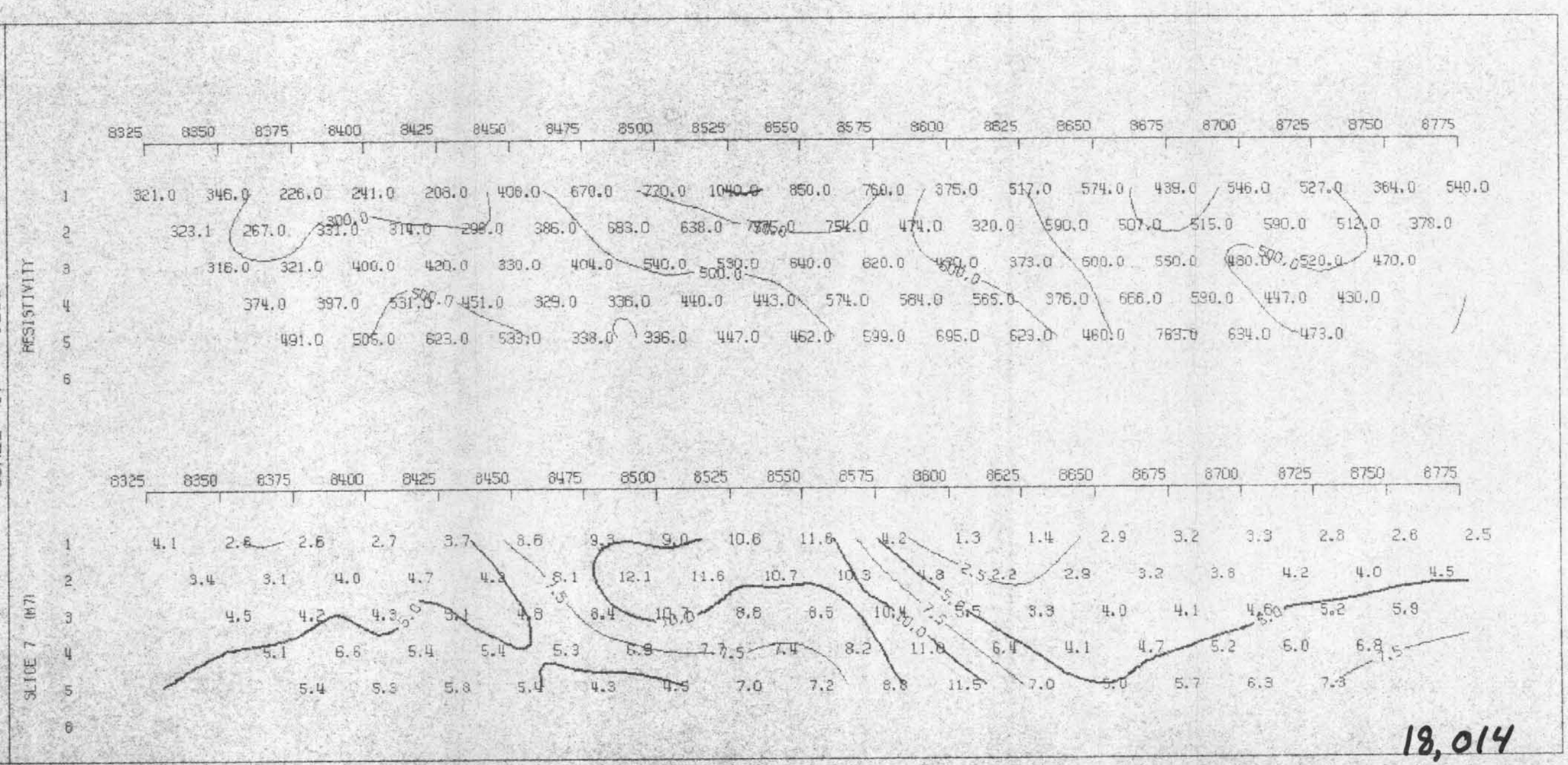
LINE NUMBER: 1200 N=1 TO 5

"A": 25.0 METRES

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

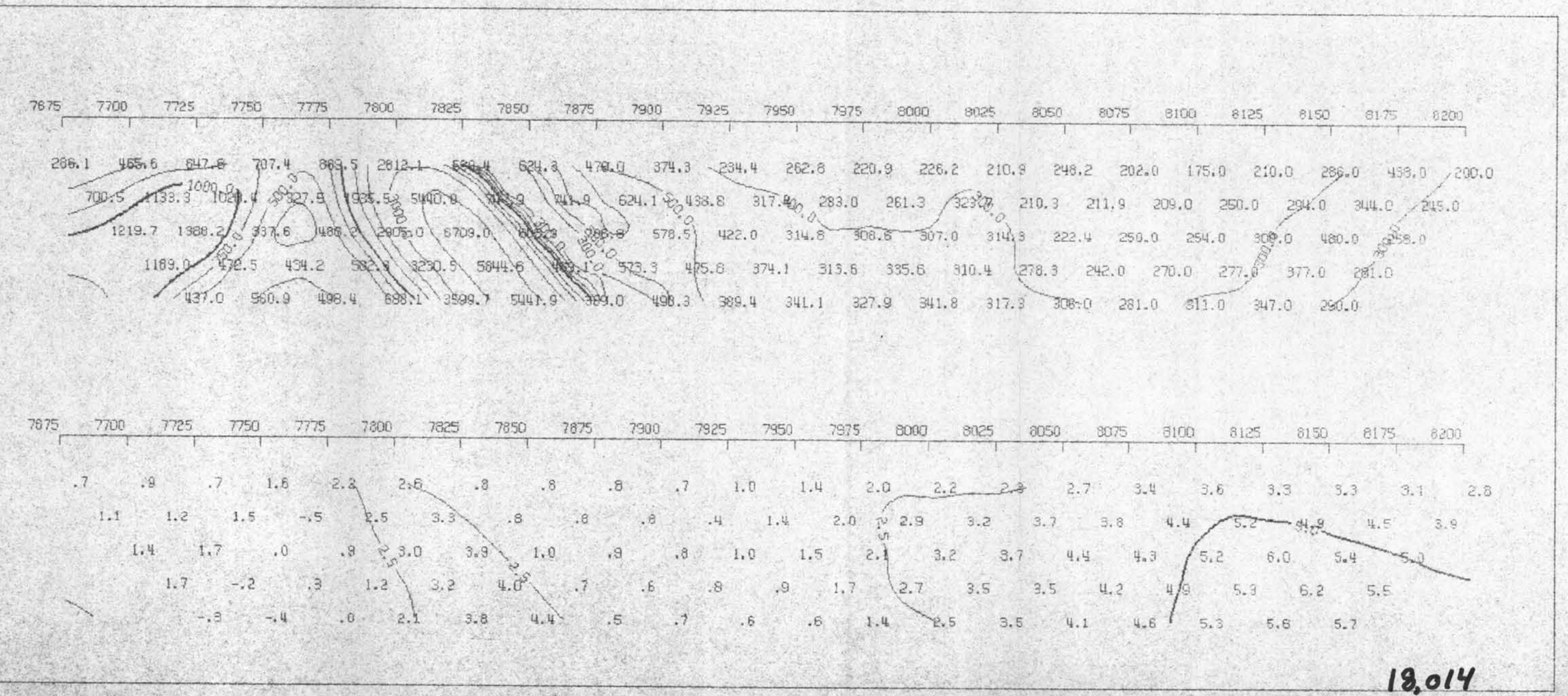
LINE NUMBER: 1200

"A": 25.0 METRES N=1 TO 5

SCINTREX IPR-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LORNEX MINING CORPORATION

SNOW PROPERTY

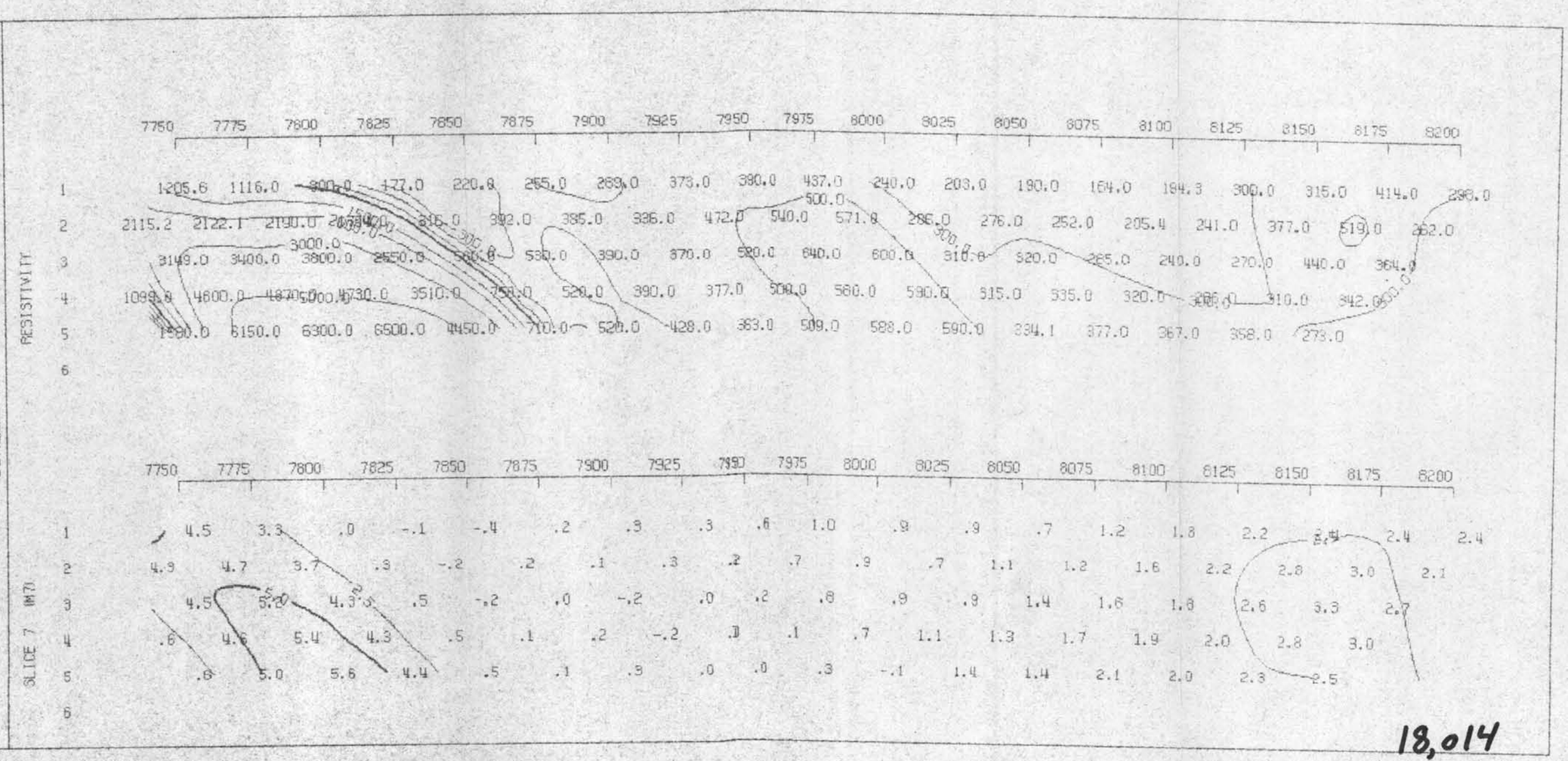
LINE NUMBER: 1100

"A": 25.0 METRES N=1 TO 5

SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATIØN

SNØW PRØPERTY

LINE NUMBER: 1000

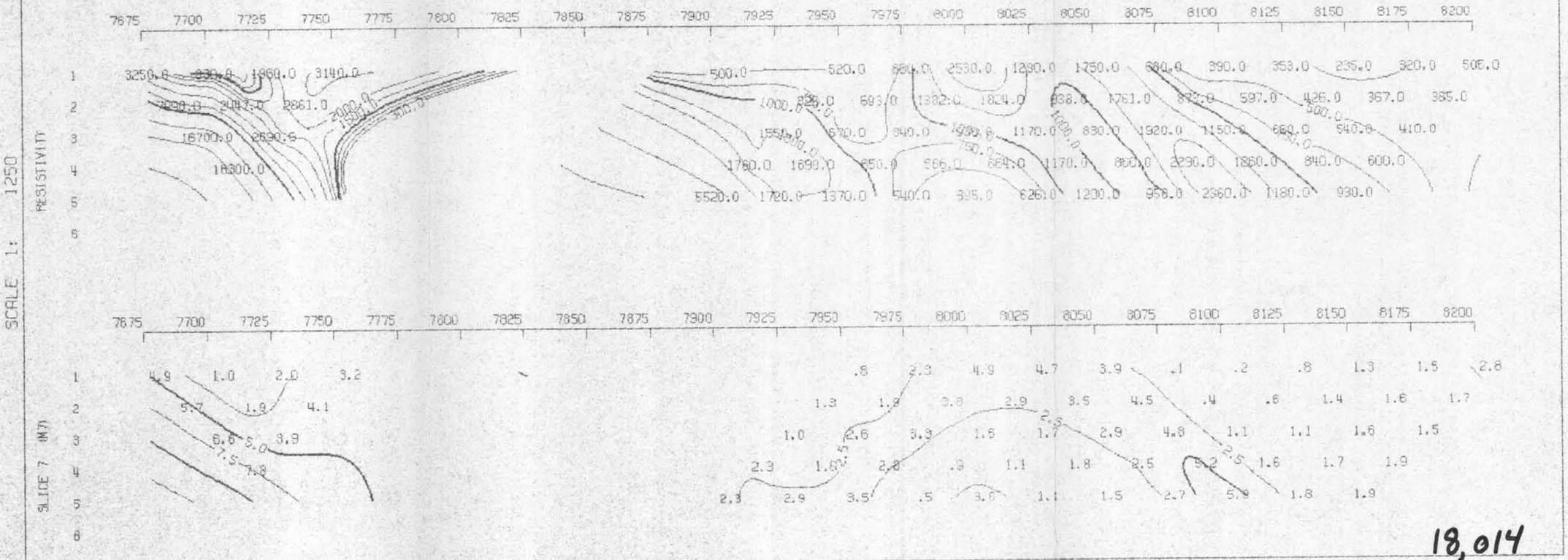
N=1 TØ 5

"A": 25.0 METRES

SCINTREX IPA-11 RECEIVER — TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY — RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,014

LØRNEX MINING CØRPØRATIØN

SNØW PRØPERTY

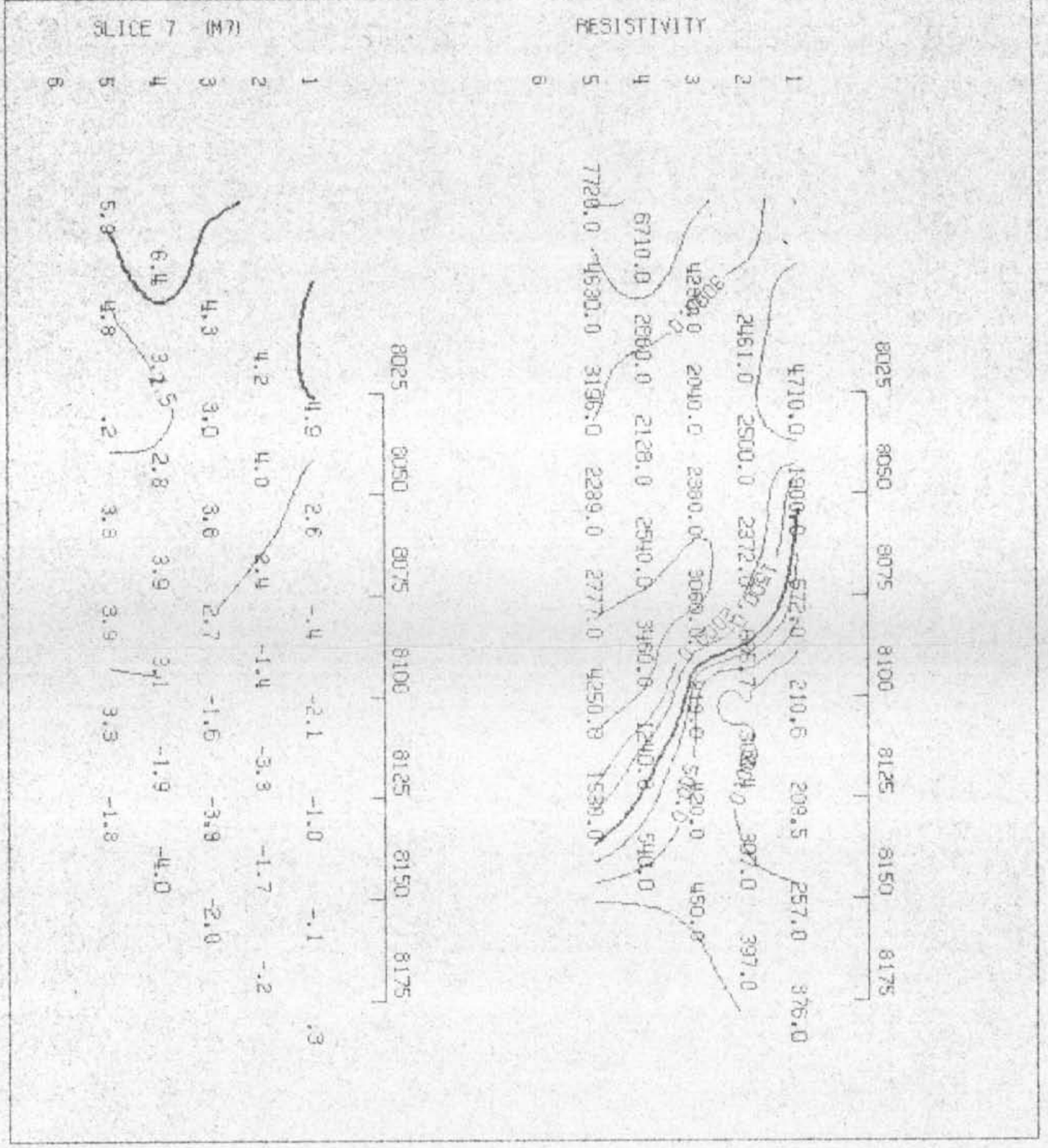
LINE NUMBER: 900

"A": 25.0 METRES N=1 TØ 5

SCINTREX IRA-11 RECEIVER TX PULSE TIME: 2.0 SEC

POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



410'81

LORNEX MINING CORPORATION

SNOW PROPERTY

LINE NUMBER: 800

"A": 25.0 METRES

N=1 TO 5

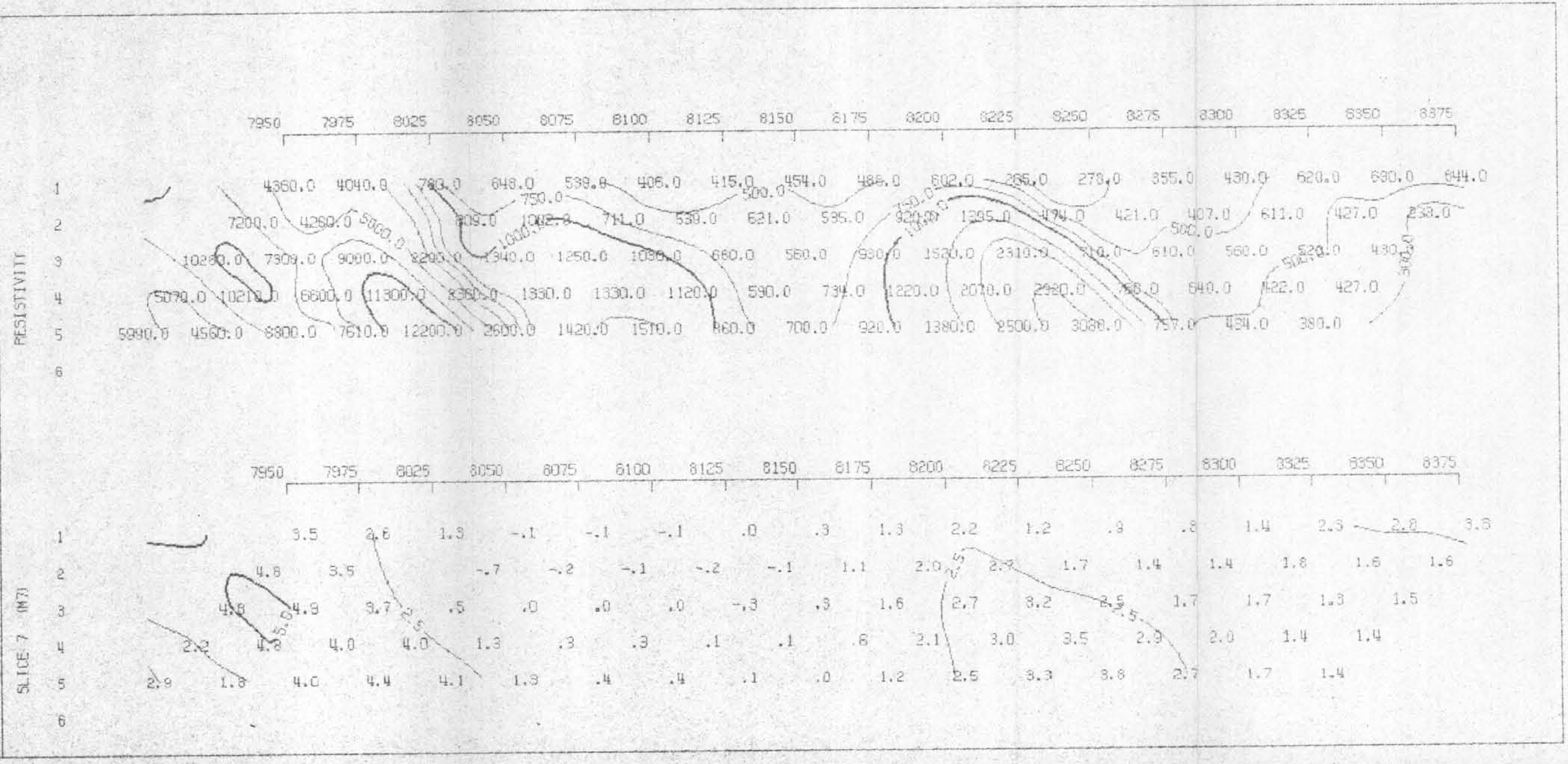
SCINTREX IPR-11 RECEIVER

POLE-DIPOLE ARRAY

TX PULSE TIME: 2.0 SEC

RECEIVE TIME: 2.0 SEC

SCALE 1: 1250



18,0