



31M03NW0034 2 16576 SOUTH LORRAIN

010

1

N.T.S.: 31 M/4

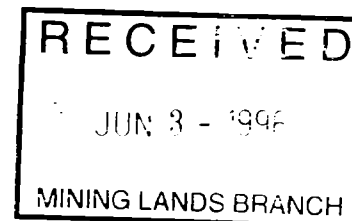
RPT. NO. S-94-3

Latitude: 47 13

Longitude: 79 30

2.16576

EXPLORATION REPORT ON
S.L. MOR PROJECT
BEAVER CREEK PROPERTY
SOUTH LORRAIN TOWNSHIP
LARDER LAKE MINING DIVISION
ONTARIO
FOR
H.A. MOORE



F.J. SHARPLEY

Qual. # 63. 2392

DECEMBER 1994



TABLE OF CONTENTS

	PAGE
SUMMARY	
1.0 INTRODUCTION	5
2.0 PROPERTY	5
2.1 Claims	5
2.2 Location and Access	6
2.3 Topography	6
3.0 EXPLORATION HISTORY	7
4.0 GEOLOGY	9
4.1 Regional Geology	9
4.2 Property Geology	9
5.0 MINERALIZATION	10
5.1 Regional Mineralization	10
5.2 Property Mineralization	11
6.0 CURRENT WORK CARRIED OUT	13
Beaver Creek Property	
6.1 Line Cutting	13
6.2 Geological Mapping	13
6.3 Geochemical Survey	14
6.4 Magnetometer Survey	14
6.5 VLF-EM Survey	15
7.0 DISCUSSION OF RESULTS	16
Beaver Creek Property	
7.2 Geological Mapping	16
7.3 Geochemical Survey	17
7.4 Magnetometer Survey	18
7.5 VLF-EM Survey	18
8.0 CONCLUSIONS AND RECOMMENDATIONS	19
9.0 REFERENCES AND SELECTED BIBLIOGRAPHY	20
10.0 CERTIFICATE OF QUALIFICATIONS: F.J. SHARPLEY	21

Appendix I:	LIST OF FIGURES	page 22
Figure 1:	Location Map	
Figure 1a:	Location Map-Topographic Map	
Figure 2:	Geological Location Map	
Figure 3:	Claim Map	
Figure 4:	Topographic Map-Grid Map	
Figure 5:	Geological Section 8+00 N (1:4,000)	
Appendix II: List of Tables	23
Table 1:	Rock Samples-Beaver Creek Property	24
Table 2:	Exploration Summary-Beaver Creek Property	25
Appendix III:	INSTRUMENT SPECIFICATIONS	26
Appendix IV:	ASSAYS	27

LIST OF MAPS IN POCKET

Beaver Creek Property

Geology	1:2500
Soil Geochemistry - Arsenic ppm in Humus	1:2500
Soil Geochemistry - Nickel ppm in Humus	1:2500
Soil Geochemistry - Cobalt ppm in Humus	1:2500
Soil Geochemistry - Silver ppm in Humus	1:2500
Soil Geochemistry - Copper ppm in Humus	1:2500
Magnetometer Survey, Readings	1:2500
Magnetometer Survey, Contours	1:2500
VLF Electromagnetic Survey, NAA & NSS Profiles & Readings	1:2500
VLF Electromagnetic Survey, NAA Fraser Filter Contours	1:2500
VLF-Electromagnetic Survey, NSS Fraser Filter Contours	1:2500
Compilation Map	1:2500
Section 8+00 N	1:2000

SUMMARY

The Beaver Creek Property consists of 6 non-patented mining claims located in the South Lorrain area of the Larder Lake Mining Division of Ontario. The property lies on the eastern rim of the Cobalt Embayment where silver mining has produced 23 million ounces from 1908 to 1965.

During the period of November 1994, line cutting, geological, geophysical and geochemical surveys were carried out on the property to investigate possible northward extensions of the Keeley silver-cobalt-nickel veins.

A significant silver-cobalt-nickel geochemical anomaly was encountered associated with the Beaver Creek fault contact between Firstbrook quartzites and the Coleman conglomerate.

A program of humus geochemistry is recommended to evaluate the numerous north-south VLF-EM anomalies and faults, especially the ones in Keewatin volcanics, Coleman conglomerate and Nipissing diabase.

1.0 INTRODUCTION

Line cutting and geophysical surveys have been completed that were funded under the Ontario Prospectors Assistance Program by H.A. Moore on the Beaver Creek Property in South Lorrain Township, Larder Lake Mining Division, Ontario. The geological, geochemical and geophysical survey program was designed to investigate the Beaver Lake and Maidens Lake Faults for silver and cobalt mineralization.

The field work was carried out during November 1994.

2.0 PROPERTY

2.1 Claims

The Beaver Creek Property consists of 6 contiguous, non-patented mining claim units in South Lorrain Township in the Larder Lake Mining Division of Ontario.

The claims are numbered as follows:

L-1118571: 1 unit - South Lorrain Township

L-1118572: 1 unit

L-1118573: 1 unit

L-1118574: 1 unit

L-1198615: 1 unit

L-1198616: 1 unit

The claims total 240 acres or 97.13 hectares and are registered in the name of H.A. Moore.

2.2 Location and Access

The property is located 25 km southeast of Cobalt, Ontario and 4 km west of Lake Timiskaming. Access is from Highway 11B at North Cobalt and south on Highway 567 to South Lorrain for 27 km. The property straddles the highway. Ontario Hydro power lines pass within two miles of the property.

2.3 Topography

The topography on the property is mainly outcrop ridges with intervening swampy valleys. Topographic relief on the property is approximately 60 metres. There are two small beaver ponds on the Beaver Creek Property. The forest cover is mixed with spruce, birch, poplar, balsam and alders.

The climate is typical of northern Ontario with snow cover and cold weather from mid November until May.

3.0 EXPLORATION HISTORY

The first geological map covering South Lorrain was published by Barlow (1899) with his report on the Nipissing and Temiscaming Region. The first geological report devoted entirely to South Lorrain was by Burrows (1909) and Knight (1922). The first detailed geological report to cover the township was by Todd (1925). Aeromagnetic coverage of the area in 1965 was provided by the GSC. McIlwaine (1970) provided the most recent work in ODM Geological Report 83 on Geology of South Lorrain Township at a scale of one inch to 1/2 mile.

There is evidence of considerable pitting and trenching that probably occurred during the period from 1907-1913 and from 1921-30 (Thompson 1959). The present claims L-1118571 (formerly HS321), L-1118572 (formerly GF11), L-1118573 (formerly HS320), L-1118574 (formerly GF12 and part of BC100 or T55569), L-1198615 (formerly T50990) and L-1198616 (formerly T49654 or GF9) were all patented claims at one time.

Marathon Silver Mines Limited in 1910-11 put down two shafts on claim GF9 (now L-1198616)(McIlwaine 1970). On the east northeast part of the claim a shaft was sunk to a depth of 87 feet on a 4 inch cobalt-nickel-silver vein. On the northwest part of the claim a shaft was sunk to a depth of 35 feet on a quartz-calcite vein.

Sharp Lake Mines Limited in 1912 sunk a shaft (inclined at 65 degrees southwest) on claim BC100 (now L-118574) to a depth of 50 feet with drifts 145 feet south and 60 feet east (McIlwaine 1970 and O.B.M. Annual Report 1912, p. 147). A second shaft about 400 feet northwest is vertical and has a dump indicating a depth of 200 feet (400 feet northwest of claim L-118574).

In 1961, R.W. Christopher drilled one diamond drill hole to a depth of 121 feet (Az. 145 degrees and dip 50 degrees) on claim T49654 (now claim 1198616) south of the 35 foot shaft (250 feet south and 100 feet west of the shaft). The hole encountered Nipissing diabase

In 1963, J.F. Cooper drilled one diamond drill hole to a depth of 200 feet (Az. 273 degrees and dip of 55 degrees) on claim T50990 (now claim L-1198615) 326.5 feet south of the No. 4 post and 475 feet east (McIlwaine 1970). The hole encountered quartzite.

Mobiko Mines Limited in 1966 carried out a geological, magnetometer, Ronka EM-15 and limited I.P. surveys on the northern part of claim L-118574 (formerly part of BC100 and T55569) in the area of the Sharp Lake shafts.

4.0 GEOLOGY

4.1 Regional Geology

The S.L. Mor Project lies in the Abitibi Subprovince of the Superior Province of the Precambrian Shield. The project area is situated within the Cobalt Embayment and forms the part known as the South Lorrain or Silver Centre Mining Camp (Figure 1).

The Nipissing Diabase in the South Lorrain area forms a dome structure with the axis striking north-northeast. The older Keewatin metavolcanics, Coleman conglomerate, Firstbrook laminated quartzites and Lorrain feldspathic quartzites over and underlay the diabase sheet.

Prominent northwest faults (Maidens Lake) and north-northeast faults (Beaver Lake) cross the area.

4.2 Property Geology

The Beaver Creek Property lies within the Cobalt Embayment on the eastern rim (Figure 1) composed of Archean and Proterozoic rocks. The rocks on the property consist of Keewatin metavolcanics, Cobalt Group Coleman conglomerate, Firstbrook laminated quartzite, Lorrain arkose and Nipissing diabase.

The Maidens Lake fault and the Beaver Lake fault crosses the property. The formations are striking northerly and dipping at a shallow angle to the west (Section 8+00N).

5.0 MINERALIZATION

5.1 REGIONAL MINERALIZATION

Production from the South Lorrain Mining Camp from 1908 to 1965 totalled 23 million ounces of silver, 3.5 million pounds of cobalt, 63,450 pounds of nickel and 10,292 pounds of copper. The most production was from the years 1909 to 1913 and from 1922 to 1931 with the main production totalling 82 percent from the Keeley and Frontier Mines.

The silver occurs in the native state in carbonate veins and vein systems. These vein systems have a close relationship with the Huronian-Archean unconformity where Nipissing diabase sills and steeply dipping Archean volcanic sequences coincide. The vein systems are fault controlled.

In the South Lorrain area the production has come mainly from the 300 feet of metavolcanics overlying the diabase dome on the western flank in vein systems striking north or northeasterly but a minor production has come from the diabase. The ore is mainly

native silver, cobaltite and niccolite in calcite veins. The South Lorrain area has an unusual occurrence of secondary enrichment due to deep pre-glacial oxidation on the Wood's vein at the Keeley mine (McIlwaine 1970).

5.2 Property Mineralization

On claim L-1198616 (formerly GF9 or T49654) there are two shafts in diabase. A report by Loring (1911) Marathon Silver Mines Limited states there are two zones of east-west calcite veining with cobalt, nickel and silver mineralization with secondary veining in a north-south direction.

The easterly shaft is reported to be 87 feet deep. Thompson (1959) reports two mineralized vein systems striking 50 degrees and 87 degrees with the dip at 73 degrees north. Loring (1911) reports a 4 inch calcite vein in the shaft striking easterly and westerly with considerable niccolite and smaltite.

The westerly shaft is reported to be to a depth of 35 feet on an inclined quartz-calcite vein striking 6 degrees and dipping at 75 degrees east.

On claim L-118574 (formerly BC100) an old shaft is collared in diabase and inclined at 65 degrees southwest. The Sharp Lake

shaft is collared on a quartz-carbonate vein striking 165 degrees and is reported to be 50 feet deep with a drift at this level running 145 feet south and 60 feet east (McIlwaine 1970). These workings would be toward the lower contact of the diabase. A quartz-carbonate vein with cobalt bloom is evident on the dump.

6.0 CURRENT WORK CARRIED OUT

6.1 Line Cutting

A picket line grid was cut on the Beaver Creek Property during November, 1994 for a total of 10.8 line kilometres by Glen McBride of New Liskeard, Ontario. The lines are spaced at 100 metre intervals and the stations at 25 metre intervals.

6.2 Geological Mapping

During the period from November 14-16, 1994 the Beaver Creek Property was mapped geologically by the writer on a scale of 1:2500. The property has picket lines spaced at 100 metre intervals and stations at 25 metre intervals. The grid consists of 10.8 line km of picket line with the baseline oriented in a north-south direction.

The mapping consists of outlining the surface geology, topography, vegetation, soil cover, roads and claim posts. The outcrop areas outline the rock-type, structure, alteration and mineralization.

The geological mapping was plotted on one sheet on a scale of 1:2500.

6.3 Geochemical Survey

During the period from November 14-16, 1994 the writer collected approximately 20 rock samples and on November 20, 1994 collected 46 humus samples from the Beaver Creek Property.

The rock samples, four of which are mineralized, were analyzed for silver, cobalt, nickel and copper by Swastika Laboratories (a division of TSL/Assayers Inc.) at Swastika, Ontario. The results are shown in Table 1. The humus samples were analyzed for silver, arsenic, cobalt, nickel and copper using the fire assay and atomic absorption method. The results of the humus geochemical survey are plotted at a scale of 1:2500.

6.4 Magnetometer Survey

A Scintrex MP-2 proton total field magnetometer was used for the survey on the Beaver Creek Property. Magnetic diurnal variations were monitored by establishing base stations at 100 metre intervals along the baseline. Readings were taken along grid lines spaced at 100 metre intervals with readings at 12.5 metre intervals along the line. Magnetic diurnal variations were monitored by looping lines and checking into established baseline base stations at intervals of less than one and one half hours. Approximately 10.8 line kilometres of data were recorded in this way by the writer from November 17-19, 1994.

Corrections to the magnetic field values recorded during the field survey were made using the approximate time and diurnal change information. The values were then plotted on the computer by R.W. Woolham at a scale of 1:2500 and contoured at 100 gamma intervals. The base value used is 57000 gammas.

6.5 VLF-EM Survey

The VLF-EM survey on the Beaver Creek Property was carried out by the writer from November 23-27, 1994 using a Geonics EM-16 instrument to measure the secondary component produced by the VLF transmitter station at Cutler, Maine (NAA-24.0 KHz) and Annapolis Maryland (NSS-21.4 KHz). Measurements of the in-phase and quadrature values were taken every 12.5 metres along the survey lines spaced at 100 metres on the grid. A total of 9.5 line kilometres of data was collected in this manner.

The results are plotted in profile at a scale of 1:2500. A conductive response is indicated in a change of gradient from a positive to negative proceeding in a easterly direction, as shown on the map. The Fraser filter values were calculated for the in-phase profiles. The values were plotted and contoured at 5 unit intervals. The results are compiled by R.W. Woolham using a computer and shown on maps at a scale of 1:2500.

7.0 DISCUSSION OF RESULTS

7.2 Geological Mapping

The Keewatin Volcanics (1) do not outcrop on the property although this rock-type is interpreted to occur on lines 6N, 7N, 8N and 9N at about 1+00W (Section 8+00N).

The Coleman Conglomerate (5) occurs in numerous outcrops along the baseline from section 0 to 5N. The rock-type is more of a pebble conglomerate with numerous 1" pebbles of granite in a greywacke matrix. Chlorite spots occur in the conglomerate at about 1+00E.

The Firstbrook Laminated Quartzite (6) is light green finely laminated quartzite. Numerous outcrops of this rock-type occur west of Beaver Creek.

The Nipissing Diabase (8) is a fine to coarse grained massive intrusive rock with disseminated magnetite. The rock-type is occasionally pinkish when there is an increase in K2O on lines 8N, 9N and 10N near the baseline.

The rock formations strike northerly and dip at about 15 degrees west.

The Maidens Lake fault strikes northwest across the property and

dipping southwest. The fault appears to offset the formations.

The Beaver Lake fault strikes north along Beaver Creek and appears to be offset by the Maidens Lake fault by about 200 metres.

7.3 Geochemical Survey

Of the 46 humus soil samples analyzed on the Beaver Creek Property, 14 are anomalous for arsenic, 5 for nickel, 4 for cobalt, 4 for silver and 7 for copper. The peak value for arsenic is 4280 ppm at 0-2+25W, for nickel is 208 ppm at 0-2+25W, for cobalt is 188 ppm at 0-2+25W, for silver is 5.5 ppm at 2N-2+25W and for copper is 129 ppm at 8N-3W. The background value for arsenic is 5 ppm, for nickel is 40 ppm, for cobalt is 10 ppm, for silver is .3 ppm and for copper is 40 ppm.

A strong geochemical humus anomaly for arsenic, nickel, cobalt, silver and copper occurs along Beaver Creek from line 0 to 3N at about 2+25W. Geologically this occurs along the Beaver Creek fault along the contact between the Firstbrook laminated quartzites and the Coleman conglomerates.

A weak geochemical humus anomaly for copper and locally nickel occurs on lines 8N, 9N and 11N at 3W to 5W along the Maidens Lake

fault.

7.4 Magnetometer Survey

The magnetometer survey is a good tool for outlining the diabase with readings of 3000 gammas above or below background. In conjunction with geological mapping it outlines the contact in more detail and indicating the areas of thickness and the rolls in the contact.

7.5 VLF-EM Survey

The Annapolis (NSS) is the best channel for this property. It is the best channel for picking the north-south structures. There are some strong north-south VLF-EM anomalies throughout the property (Compilation). The Cutler (NAA) station outlined some of the same anomalies but not as well.

8.0 CONCLUSIONS AND RECOMMENDATIONS

A significant silver, cobalt, nickel, arsenic and copper geochemical anomaly has been encountered over a strike length of 300 metres along Beaver Creek. Geologically the anomaly is along the Beaver Lake fault contact between Firstbrook laminated quartzites and Coleman conglomerate. The source of this anomaly may be silver-cobalt-nickel mineralization within the Beaver Lake fault. This creek drains the Keeley mine tailings pond which is over a mile up stream (1.7 km) so that the exact cause of this anomaly is not known. However we do know that humus geochemistry does work. This tool would be an excellent method to evaluate the numerous north-south VLF-EM conductor especially the anomalies that occur in Keewatin volcanics, Coleman conglomerate and Nipissing diabase.

A program of humus geochemistry is recommended to evaluate the numerous north-south VLF-EM anomalies in the Keewatin volcanics, the Coleman conglomerate and the Nipissing diabase as well as significant north-south faults in the diabase.

Respectfully submitted,


F.J. Sharpley

REFERENCES

- Andrews A.J., Owslacki L., Kerrich R., Strong D.F.
(1986) The silver deposits at Cobalt and Gowganda,
Ontario. I: Geology, petrography, and
whole-rock geochemistry.
- Cunningham L.J.
(1963) Private Report for Nocana Mines Ltd.
Part of South Lorrain Silver Area
On file with O.D.M.
- EMR
(1983) Topographic Map: 31 M/4
Temagami; 1:50,000
- EMR
(1982) Topographic Map: 31 M/3
Fabre; 1:50,000
- G.S.C.
(1965) Fabre: Aeromagnetic Series Map 1481G
1 inch to 1 mile
Temagami: Aeromagnetic Series Map 1491G
1 inch to 1 mile
- Knight C.W.
(1922) Geology of the mine workings of Cobalt
and South Lorrain silver areas;
Ontario Department of Mines,
Vol.31,pt.2, 374p.(published 1924)
and accompanying maps
- Loring F.
(1911) Private Report for Marathon Silver Mines Ltd.
On file with O.D.M.
- McIlwaine W.H.
(1970) Geology of South Lorraine Township,
Geological Report 83,
Ontario Department of Mines
Map 2194: 1:31,680
- OGS
(1971) Sudbury Cobalt Sheet;
Geological Compilation Series
Map 2188
- Thompson R.
(1959) Report on Claim T-46550
South Lorrain; Resident Geologists Report
Cobalt, Ontario. On file with the O.D.M.
- Walker W.
(1966) Report on Geophysical Surveys,
Mobiko Mines Limited
South Lorrain Township
On file with the O.D.M.
- MNR
(1994) Claim Map: G-3448: South Lorrain Township

CERTIFICATE OF QUALIFICATION

I, Frederick James Sharpley of the City of Burlington, Province of Ontario, do hereby certify:

- 1) That I am a consulting geologist and reside at 2372 Sinclair Circle, Burlington, Ontario, L7P 3C3.
- 2) That I graduated from the University of Saskatchewan, Saskatoon, Saskatchewan, holding a degree of Bachelor of Arts, Geology (1959).
- 3) That I am a Fellow of the Geological Association Of Canada.
- 4) That I have practised my profession as a mineral exploration geologist for a period of 35 years.
- 5) That I personally was involved with the technical supervision of the work and the report.
- 6) That I have no financial interest in the Beaver Creek Property.

Burlington Ontario
December 23, 1994.



F.J. Sharpley

APPENDIX I:
LIST OF FIGURES

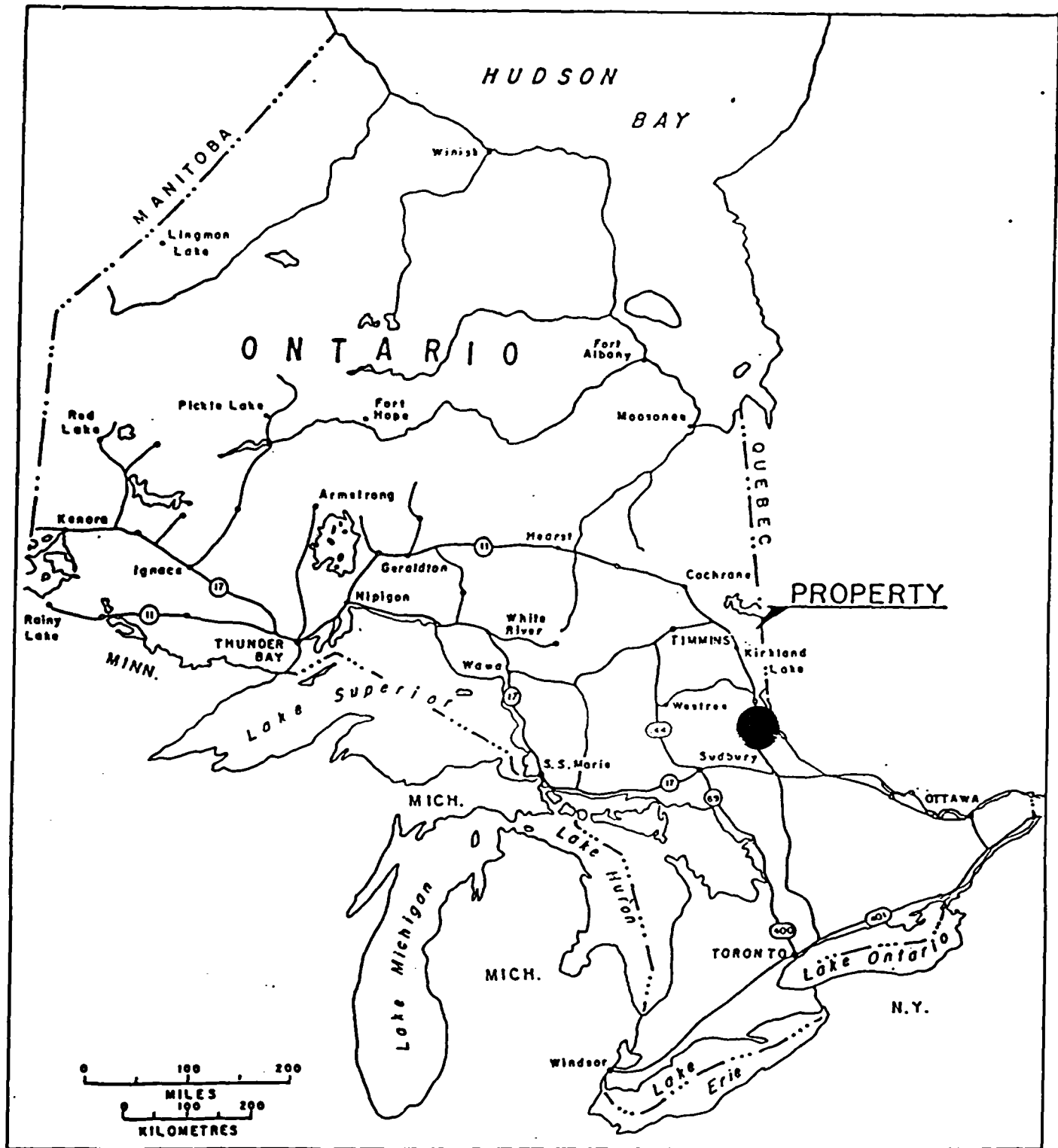
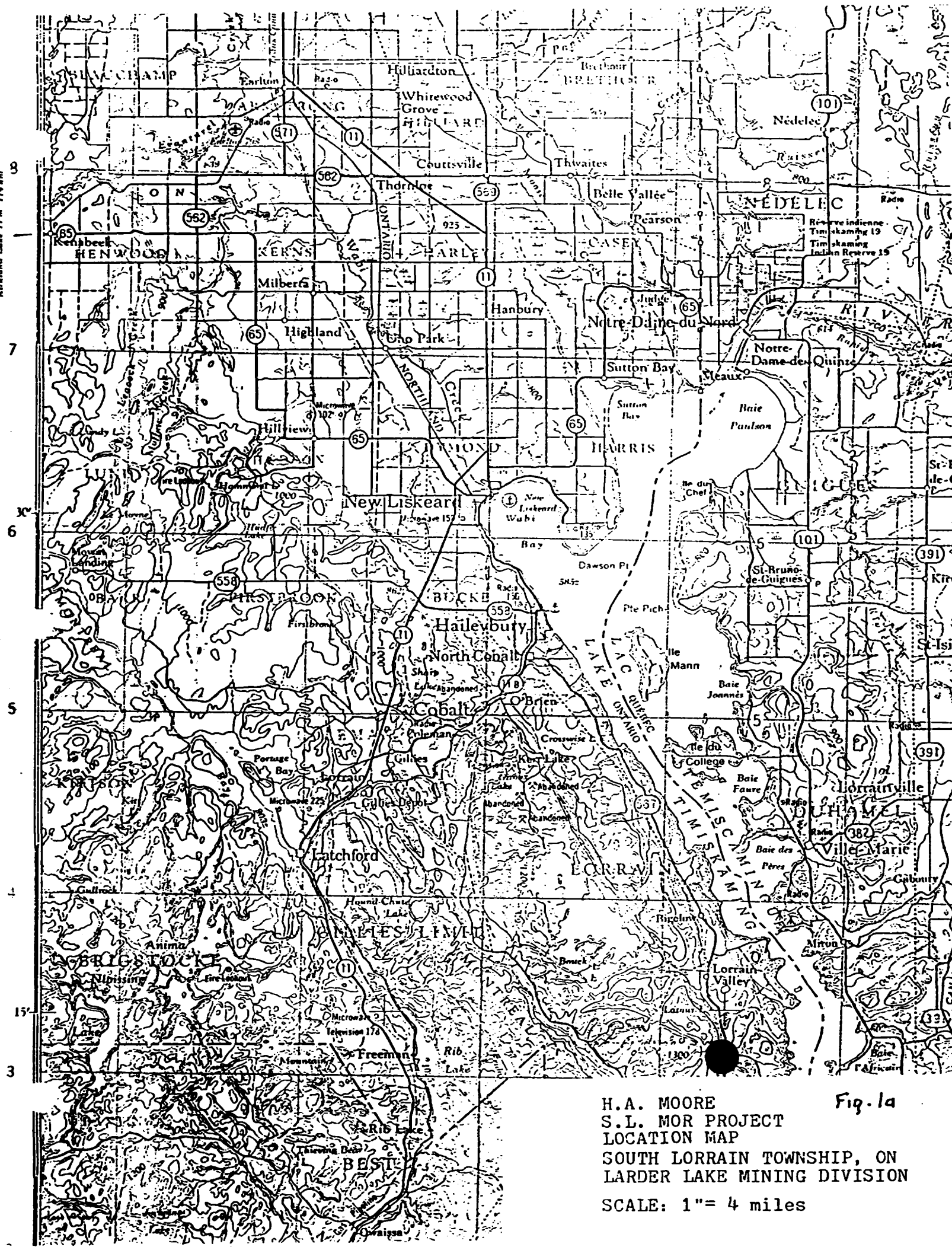


Fig. 1
 H.A. MOORE
 S.L. Mot Project
 South Lorrain TWP., ONTARIO
 LOCATION MAP

November, 1994

F. J. SHARPLEY

Kirkland Lake 71 m 114 km



H.A. MOORE
S.L. MOR PROJECT
LOCATION MAP
SOUTH LORRAIN TOWNSHIP, ON
LARDER LAKE MINING DIVISION
SCALE: 1" = 4 miles

Fig. 1a

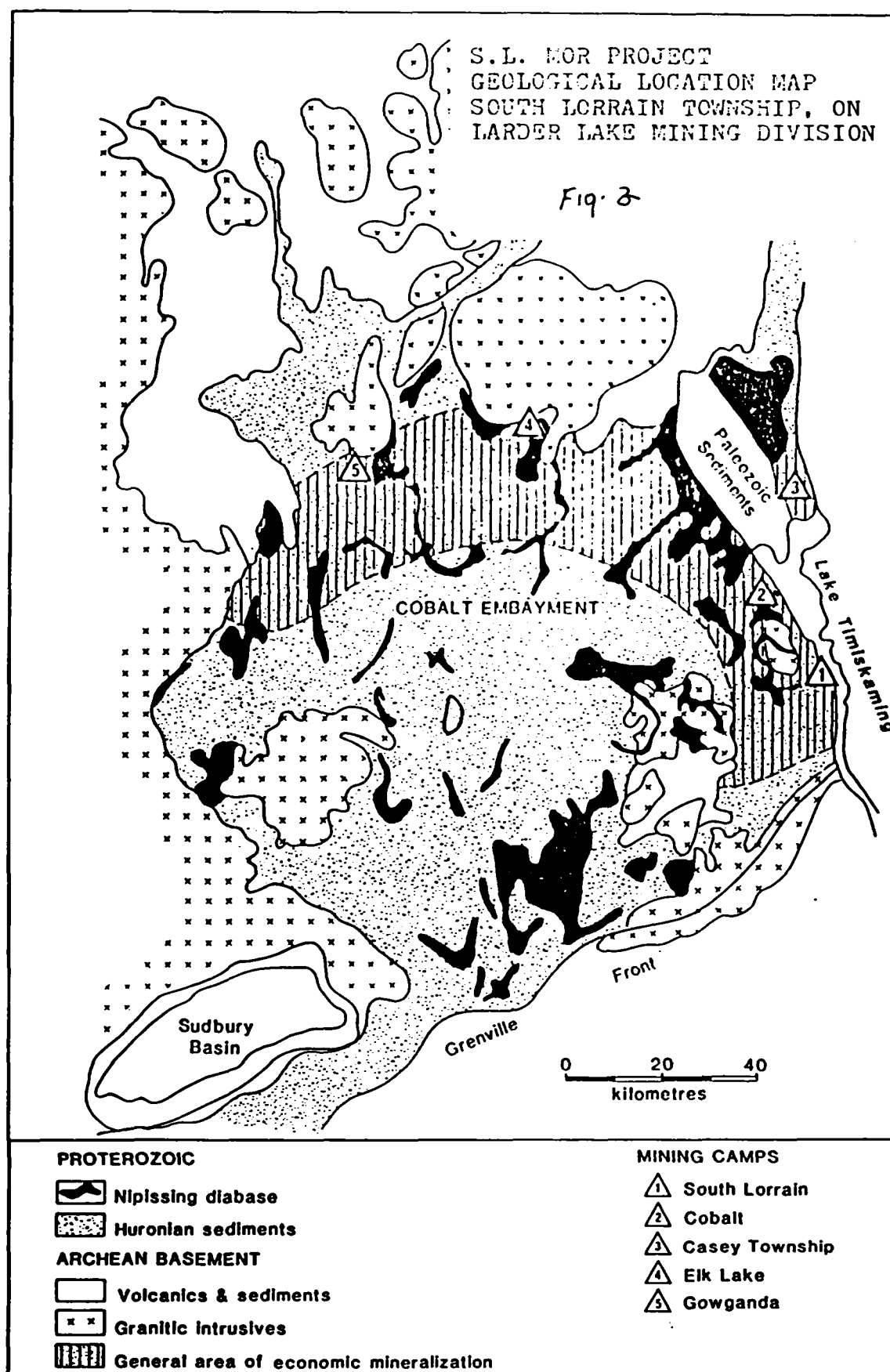
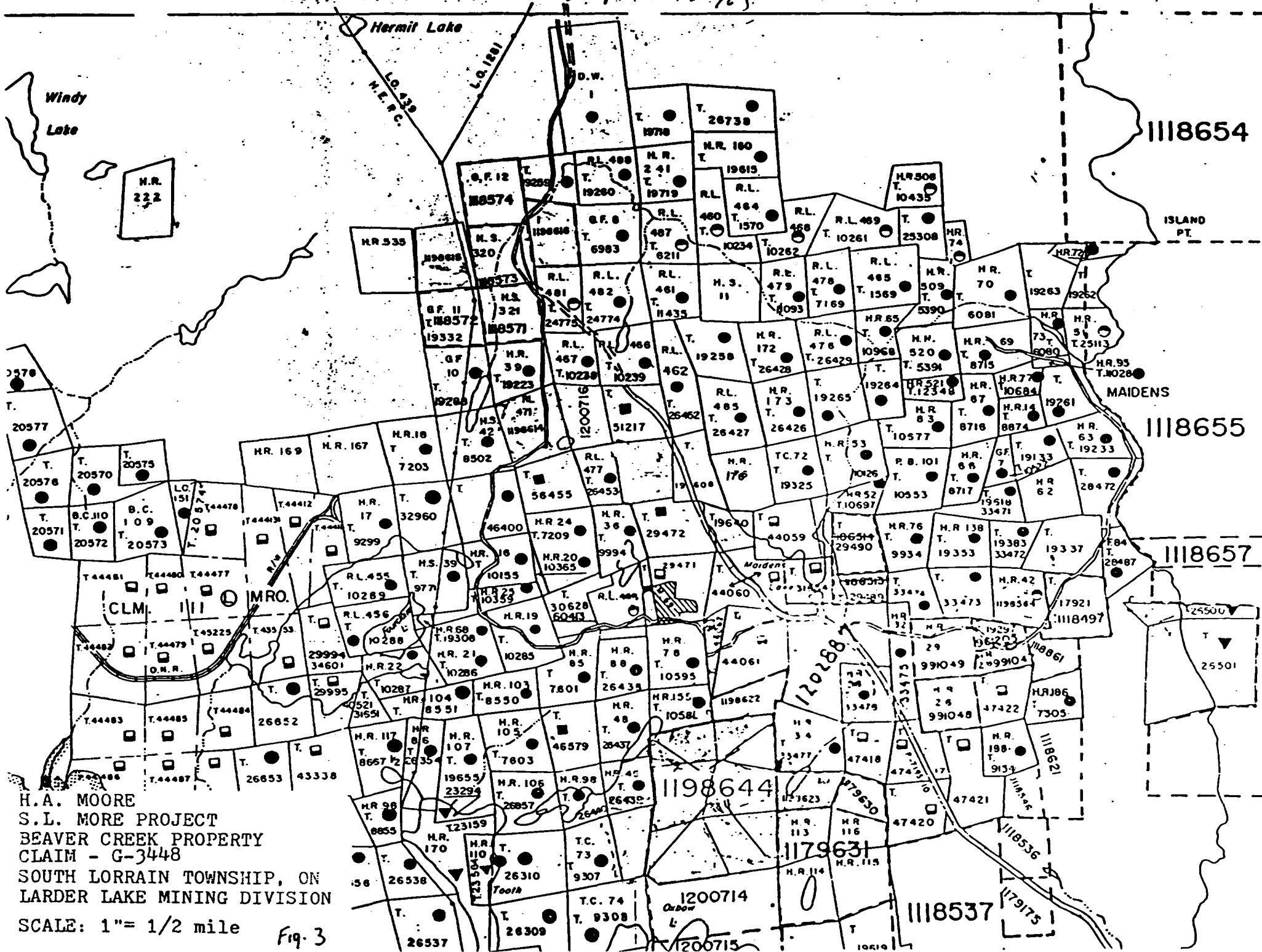
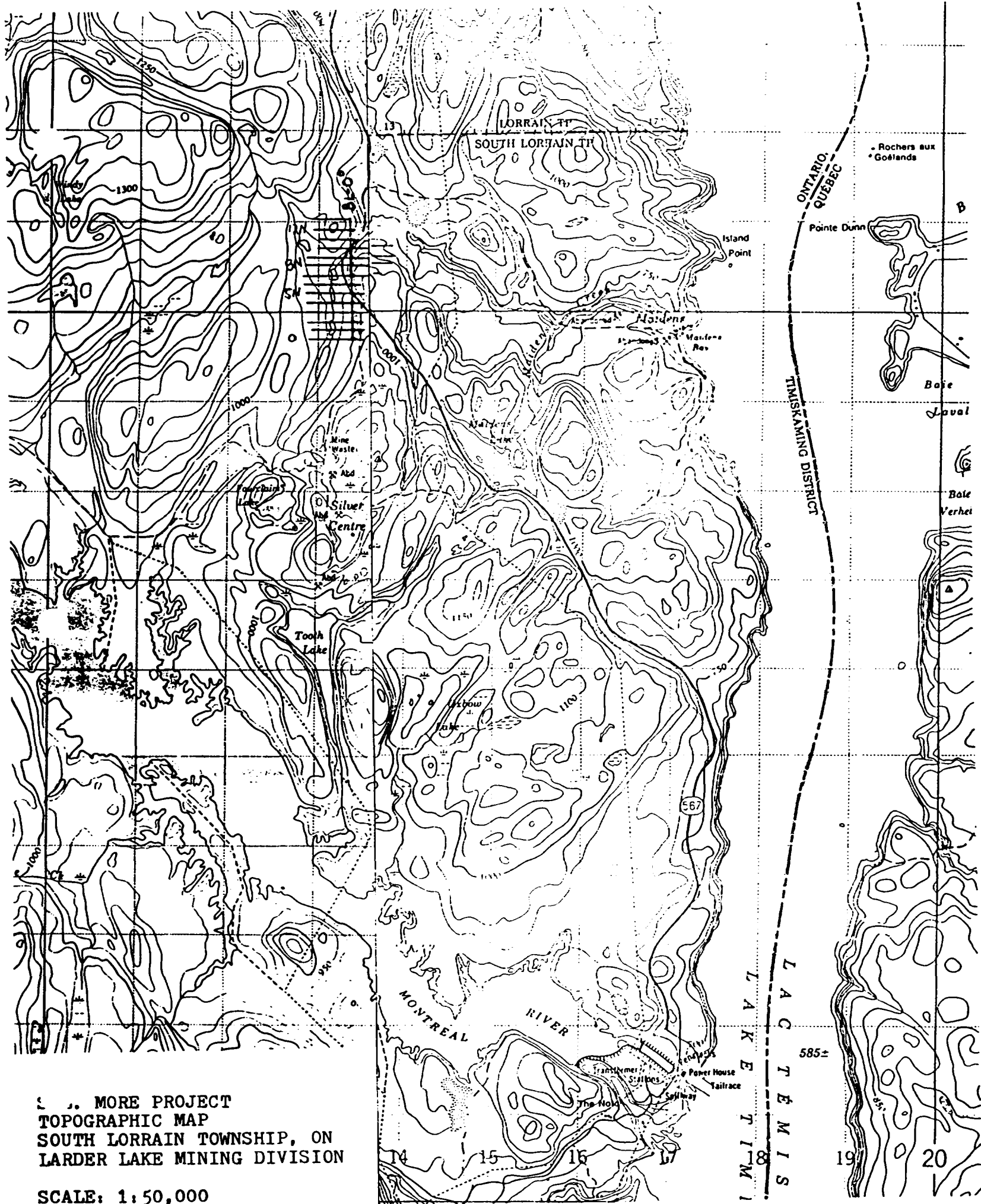


FIG. 3. Simplified geology of the Cobalt Embayment illustrating the general area encompassing economic deposits and most occurrences of Ag-sulpharsenide mineralization (modified from Ontario Geological Survey Map 2391).



H.A. MOORE
 S.L. MORE PROJECT
 BEAVER CREEK PROPERTY
 CLAIM - G-3448
 SOUTH LORRAIN TOWNSHIP, ON
 LARDER LAKE MINING DIVISION

SCALE: 1" = 1/2 mile Fig. 3



J. J. MORE PROJECT
 TOPOGRAPHIC MAP
 SOUTH LORRAIN TOWNSHIP, ON
 LARDER LAKE MINING DIVISION

SCALE: 1:50,000

Fig. 4

APPENDIX II:
LIST OF TABLES

TABLE NO. 1

Beaver Creek Property
South Lorrain Township
Rock Geochemistry

SPL. NO.	CO-ORDINATES	ROCK TYPE	MINER	NI %	CO %	AG oz	CU %	REMARKS
1	0+00N- 0+25W	Cgl. Gwke						
2	0+00N- 1+00W	Cgl.						
3	0+00N- 2+00W	Siltst.						
4	0+00N- 3+00W	L.Q.						
5	1+25N- 0+00N	Cgl. Gwke						
6	1+00N- 1+25E	Spot. Gwk						
7	2+00N- 1+25E	" "						
8	2+00N- 0+50E	Ark.						
9	4+00N- 1+50N	"						
10	5+00N- 4+75W	L.Q.						
11	5+00N- 1+25E	Ark.						
12	5+00N- 0+50E	Dia.						
F29128	8+10N- 2+20E	Dia.	Co, Ni	4.78	13.66	.07	.005	shaft dump
F29129	8+10N- 2+20E	Dia.	Cp Co	5.69	10.63	.05	.005	" "
13	9+00N- 5+50W	Arg. Q						
14	10+00N- 3+50E	Ark. Q						
F29126	13+20N- 1+50W	Dia.	Co, QV	0.06	0.068	.01	0.01	sh. dump
F29127	13+20N- 1+50W	Dia.	sh. Co	0.03	0.190	.01	0.01	sh. dump

TABLE NO.2

BEAVER CREEK PROPERTY
WORK SUMMARY - 1994

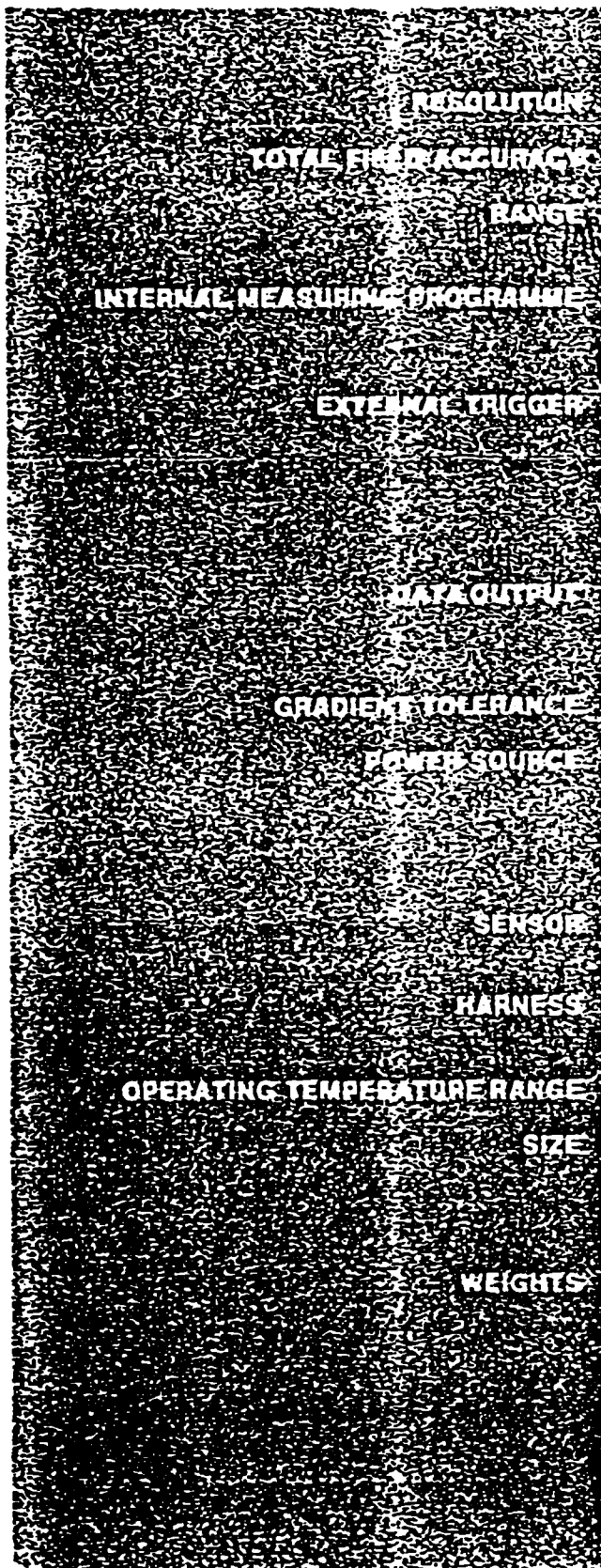
GRID	BL	LINES	MAG	VLF-EM	GEOL	SOIL	ROCK
km	km	km	km	km	km	spl	spl.
10.8	1.33	9.5	10.8	9.5	10.8	46	14

**APPENDIX III:
INSTRUMENT SPECIFICATIONS**

TECHNICAL DESCRIPTION OF MP-2 MAGNETOMETER



SCINTREX



RESOLUTION 1 Gamma.

TOTAL FIELD ACCURACY ± 1 Gamma over full operating range.

RANGE 20,000 to 100,000 gammas in 25 overlapping steps.

INTERNAL MEASURING PROGRAMME Single reading — 3.7 seconds. Recycling feature permits automatic repetitive readings at 3.7 seconds intervals.

EXTERNAL TRIGGER External trigger input permits use of sampling intervals longer than 3.7 seconds.

5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage.

DATA OUTPUT Multiplied precession frequency and gate time outputs for base-station recording using interfacing optionally available from Scintrex.

GRADIENT TOLERANCE Up to 5000 gammas/metre.

POWER SOURCE 8 alkaline "D" cells provide up to 25,000 readings at 25° C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.

SENSOR Omnidirectional, shielded, noise-cancelling dual coil optimized for high gradient tolerance.

HARNESS Complete for operation with staff or back pack sensor.

OPERATING TEMPERATURE RANGE -35°C to $+60^{\circ}\text{C}$.

SIZE Console, with batteries: 80 x 160 x 250mm.
Sensor: 80 x 150mm.
Staff: 30 x 1550mm. (extended)
30 x 600 mm. (collapsed)

WEIGHTS Console, with batteries: 1.8kg.
Sensor: 1.3kg.
Staff: 0.6kg.

SCINTREX LIMITED

EM16 SPECIFICATIONS

MEASURED QUANTITY	In-phase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
SENSITIVITY	In-phase : $\pm 15\%$ Quad-phase : $\pm 40\%$
RESOLUTION	$\pm 1\%$
OUTPUT	Nulling by audio tone. In-phase indication from mechanical inclinometer and quad-phase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz VLF Radio Band. Station selection done by means of plug-in units.
OPERATOR CONTROLS	On/Off switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer.
POWER SUPPLY	6 disposable 'AA' cells.
DIMENSIONS	42 x 14 x 9cm
WEIGHT	Instrument: 1.6 kg Shipping : 4.5 kg

APPENDIX IV:
ASSAYS



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Assay Certificate

4W-4001-RA1

Company: MOORE MINING SERVICES

Date: DEC-01-94

Project:

Area: H. Moore

We hereby certify the following Assay of 4 Rock samples
submitted NOV-28-94 by .

Sample Number	Ag oz/ton	Co %	Cu %	Ni %
F-29126	0.01	0.068	0.01	0.06
F-29127	0.01	0.190	0.01	0.03
F-29128	0.07	13.66	0.005	4.78
F-29129	0.05	10.63	0.005	5.69

Certified by Denis Chantre

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

4W-4027-SG1

Company: MOORE MINING SERVICES

Date: DEC-08-94

Project:

Attn: H. Moore

We hereby certify the following Geochemical Analysis of 46 Humus samples submitted NOV-28-94 by .

Sample Number	Ag PPM	As PPM	Co PPM	Cu PPM	Ni PPM
0-2+00W	0.7	10	10	51	54
0-2+25W	4.3	4280	188	86	208
0-2+50W	0.6	12	10	40	36
0-2+75W	0.8	10	6	56	38
1N-1+75W	0.5	7	7	43	54
1N-2+00W	5.1	2540	110	107	152
1N-2+25W	0.3	509	21	30	43
1N-2+50W	0.7	10	26	41	34
2N-2+00W	0.3	6	9	30	33
2N-2+25W	5.5	1260	186	73	122
2N-2+50W	0.5	18	6	41	38
3N-2+00W	0.2	10	5	31	31
3N-2+25W	1.3	2440	99	88	203
3N-2+50W	0.3	148	12	36	49
4N-1+75W	0.1	21	11	30	40
4N-2+00W	0.4	23	7	37	37
4N-2+25W	0.5	1230	24	26	37
4N-2+50W	0.5	417	17	74	56
5N-2+00W	0.5	285	6	54	48
5N-2+25W	2.1	1300	25	66	74
5N-2+50W	0.7	1240	30	61	71
5N-2+75W	0.3	321	14	34	46
8N-2+00W	0.2	<5	11	35	39
8N-2+25W	0.2	<5	10	44	41
8N-2+50W	0.1	<5	13	29	48
8N-2+75W	0.2	7	13	62	55
8N-3+00W	0.2	9	11	129	47
8N-3+25W	0.3	<5	6	86	32
9N-3+00W	0.1	<5	8	15	32
9N-3+25W	0.1	<5	14	32	53

Certified by Denis Chantre



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

4W-4027-SG1

Company: **MOORE MINING SERVICES**

Date: **DEC-08-94**

Project:

Attn: **H. Moore**

We hereby certify the following Geochemical Analysis of 46 Humus samples submitted NOV-28-94 by .

Sample Number	Ag PPM	As PPM	Co PPM	Cu PPM	Ni PPM
9N-3+50V	0.2	<5	19	42	55
9N-3+75W	0.1	<5	10	81	34
9N-4+00V	0.2	<5	7	62	33
11N-4+00V	0.1	<5	9	34	31
11N-4+25W	0.3	<5	5	25	23
11N-4+50V	0.2	<5	4	28	31
11N-4+75W	0.6	26	6	124	114
11N-5+00V	0.2	<5	9	67	34
11N-5+25W	0.2	<5	9	127	43
11N-5+50V	0.3	<5	7	48	33
11N-5+75W	0.1	<5	11	27	38
12N-3+50V	0.3	<5	6	47	33
12N-3+75W	0.4	<5	4	37	35
12N-4+00V	0.3	12	5	57	41
13+30N-4+00V	0.3	8	11	50	30
13+30N-4+25W	0.2	<5	7	25	22

Certified by Denis Chantre

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

**Report of Work Conducted
After Recording Claim**

Transaction Number
W 9.80.00283

Mining Act

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2-15576

- Instructions: - Please type or print and submit in duplicate.
- Refer to the Recorder.
- A separate Technical
- A sketch,



900

ment work or consult the Mining
RECEIVED
JUN 3 - 1996
his form.
MINING LANDS BRANCH

Recorded Holder(s) HUGH A. MOORE	Client No. 171975
Address 38 WELLINGTON ST N	Telephone No. 705-647-5179
Mining Division LARDER LAKE	M or G Plan No. G. 3448
Township/Area SOUTH LORRAIN	
Dates Work Performed From: Aug. 29/94 To: Dec. 24/94	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Geophysics - Magnetometer + EM VLF.
Physical Work, Including Drilling	LINE CUTTING
Rehabilitation	
Other Authorized Work	Geology & Soil Sampling
Assays	SWASTIKA LAB B & A HORIZON GEO CHEM.
Assignment from Reserve	7377900 48270000

Total Assessment Work Claimed on the Attached Statement of Costs \$ ~~37,000.00~~ **3279.00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
SWASTIKA LABS	SWASTIKA ONT.
M'BRIDE Glen.	NEW LISKEARD, 158 MAY ST.
SEAL RIVER RES.	2372 SINCLAIR CIRCLE BURLINGTON ONT

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: **May 28** Recorded Holder or Agent (Signature): **H. A. Moore**

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: **HUGH A. MOORE**

Telephone No.: **705-647-5179** Date: **May 28/94** Certified By (Signature): **H. A. Moore**

For Office Use Only

Total Value Cr. Recorded 3279	Date Recorded 96 May 28	Mining Recorder [Signature]	Received Stamp LC TT 111 22 JUN 96
	Deemed Approval Date Aug 26	Date Approved [Signature]	
	Date Notice for Amendments Sent		

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

2.16578

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Lime Cutting	980	
			980
Supplies Used Fournitures utilisées	Type MAG	1100	
	EMULF.	330	
	Sampling	869	
			2299
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			3279

2. Indirect Costs/Coûts indirects

Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démoblisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excedant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0.50 =

Certification Verifying Statement of Costs

I hereby certify: that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as _____ I am authorized (Recorded Holder, Agent, Position in Company)

to make this certification

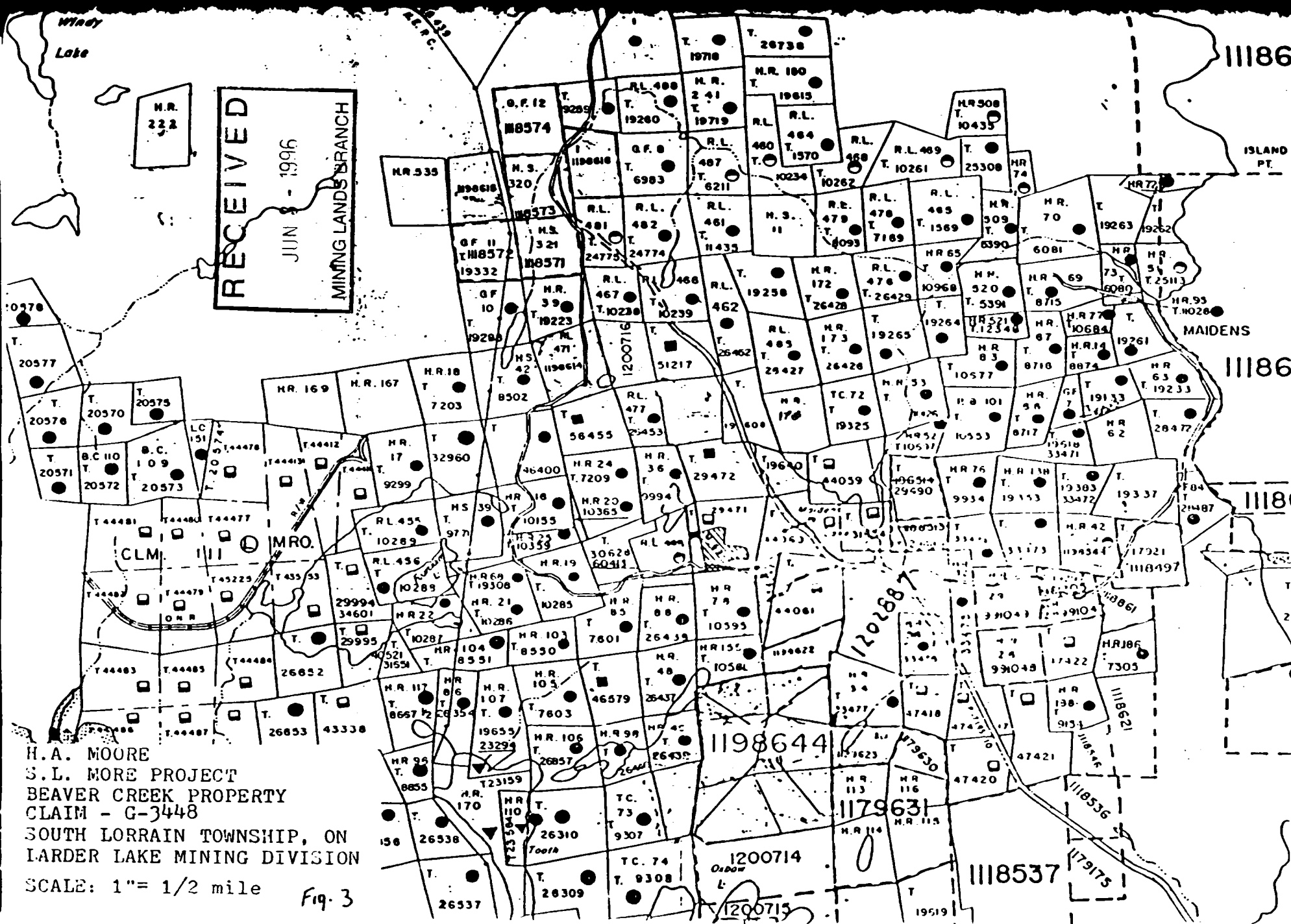
Attestation de l'état des coûts

J'atteste par la présente: que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation

Signature: [Signature] Date: May 28/98



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

H.A. MOORE
 S.L. MORE PROJECT
 BEAVER CREEK PROPERTY
 CLAIM - G-3448
 SOUTH LORRAIN TOWNSHIP, ON
 LARDER LAKE MINING DIVISION

SCALE: 1" = 1/2 mile
 Fig. 3

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

August 15, 1996

Our File: 2.16576
Transaction #: W9680.00283

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Mr. Spooner:

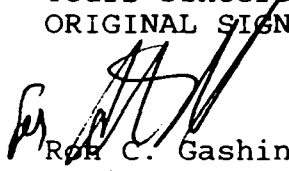
**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND,
CLAIMS L.1198616 & 1198615 IN SOUTH LORRAIN TOWNSHIP**

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 12, Geology, Section 14, Geophysics (MAG & VLF) and Section 17, Assays, of the Assessment Work Regulation.

The approval date is August 14, 1996.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

Yours sincerely,
ORIGINAL SIGNED BY:


Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

LBJ/jf

cc: Resident Geologist
Cobalt, Ontario

✓ Assessment Files Library
Sudbury, Ontario

COBALT RESIDENT GEOLOGIST DISTRICT

LEGEND

HIGHWAY AND TRAIL	---
OTHER ROADS	---
TRAIL	---
SURVEYED LINES	---
TOWN	---
UNSHOULDERED	---
LOT LINES	---
PARTIAL NEARBY	---
MINING CLAIMS	---
RAILROADS	---
UNDEVELOPED	---
RESERVATIONS	---
ORIGINAL SURVEY	---
MARSH OR MUCK	---
MINES	---
TRAVEL ROUTE	---

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	
PATENT, SURFACE & MINING RIGHTS	(P)
LEASE OF SURFACE & MINING RIGHTS	(L)
ORDER IN COUNCIL	(O)
RESERVATION	(R)
LANDS	(L)
SAND & GRAVEL	(S)

400 FOOT (APPROX 122 METER) SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS.

AREAS WITHDRAWN FROM STAKING

- (R) SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE, SECTION 36 OF THE MINING ACT, RSO 1980 ORDER W-3-82 NER DATED NOV. 5, 1982 AT 1:50 PM
- PART OF ORDER W-3-82 NER REOPENED ORDER O-MLI-90 NER EFFECTIVE APRIL 3, 1990 AT 7:00 AM EST.
- (P) SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING, SALE OR LEASE, SECTION 36 OF THE MINING ACT, RSO 1980 ORDER W-L2-90 NER EFFECTIVE APR. 3, 1990 AT 7:01 AM EST
- PART OF ORDER W-L2-90 NER REOPENED ORDER O-ONT-06/92 NER/CR EFFECTIVE MAR. 16, 1992 AT 4:15 PM EST.
- PART OF ORDER W-L2-90 NER REOPENED ORDER O-ONT-07/92 NER/CR EFFECTIVE JUNE 1, 1992 AT 7:00 AM EST.

- (S) SURFACE RIGHTS ONLY WITHDRAWN - 4 / 2 / 72 FILE 134327
- (L) SURFACE RIGHTS ONLY WITHDRAWN - 2 / 2 / 79 ORDER W-2/79 FILE 188540

NOTES

HE.P.C FLOODING ABOVE "UPPER NOTCH" TO ELEV 782' UNDER L.O. 7088

RESERVE FLOODING RIGHTS TO HE.P.C CONTOUR 782' ALONG SHORES OF MONTREAL RIVER

RESERVE FLOODING RIGHTS TO HE.P.C CONTOUR 905' G.S.C. ALONG THE SHORES OF THE MONTREAL RIVER (PROPOSED)

IMPORTANT NOTE

PART OF TOWNSHIP CLOSED TO STAKING EFFECTIVE MAY 8, 1978, SECTION 28(F) OF THE MINING ACT RSO 1980. ALSO SEE (P)

DATE OF ISSUE
JUL 18 1995
LARDER LAKE
MINING RECORDER'S OFFICE

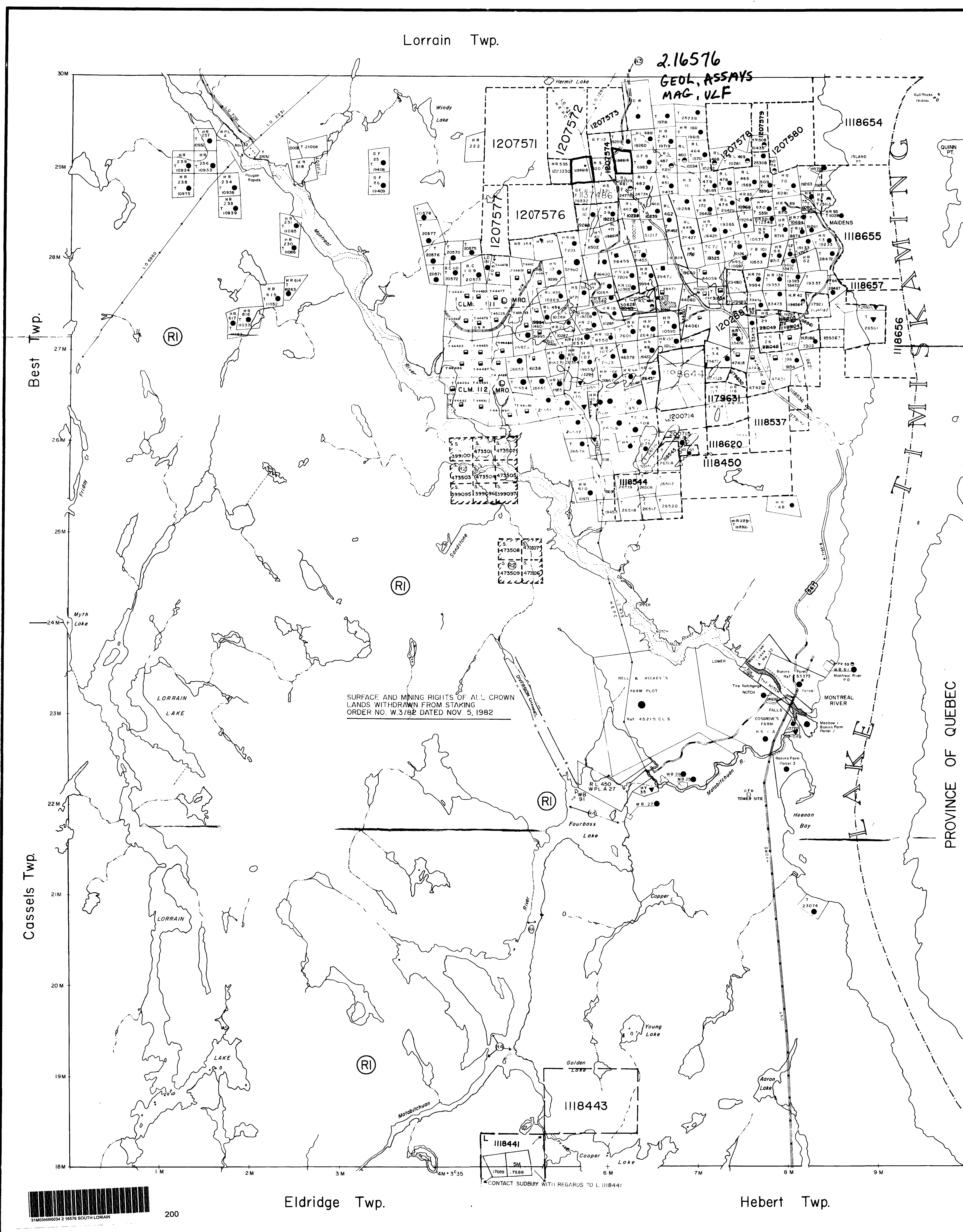
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

SOUTH LORRAIN

M.N.R. ADMINISTRATIVE DISTRICT
TEMAGAMI
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
TIMISKAMING

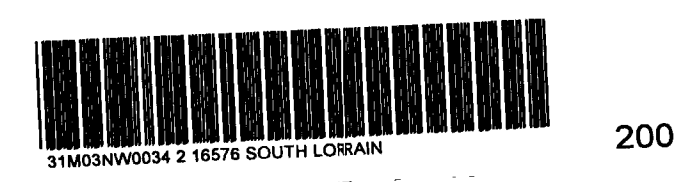
Ministry of Natural Resources Ontario
Ministry of Northern Development and Mines

Number: G-3448
Circulated: DEC. 3, 1993

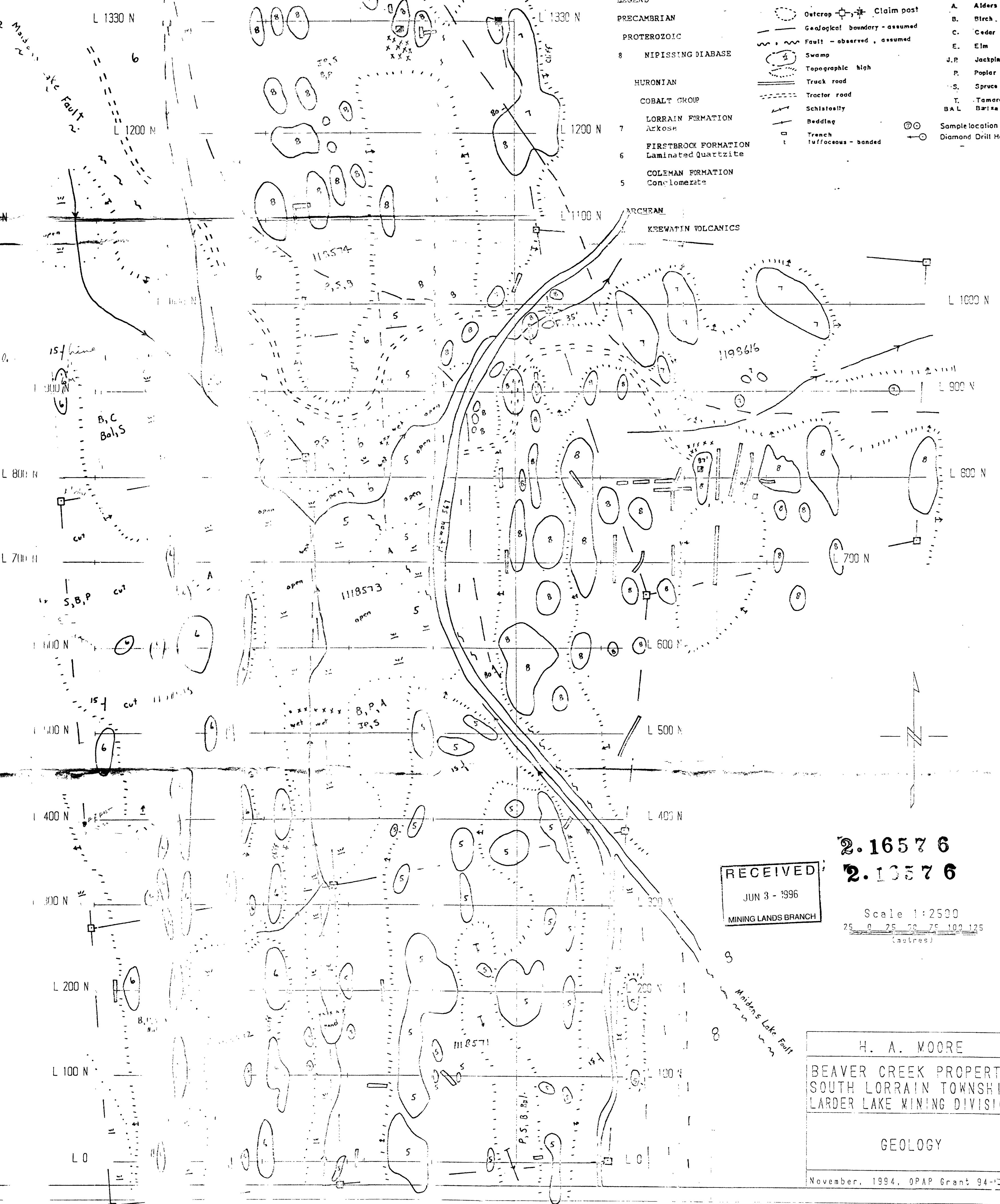


"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION."

ARCHIVED ON JUNE 01/97



600 W 500 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E



LEGEND

- PRECAMBRIAN
- PROTEROZOIC
- 8 NIPISSING DIABASE
- HURONIAN
- COBALT GROUP
- 7 LORRAIN FORMATION Arkose
- 6 FIRSTBROCK FORMATION Laminated Quartzite
- COLEMAN FORMATION Conglomerate
- 5
- ARCHAEN
- KREWATIN VOLCANICS

SYMBOLS

- Outcrop
- Geological boundary - assumed
- - - Fault - observed, assumed
- Swamp
- Topographic high
- Truck road
- Tractor road
- Schistosity
- Bedding
- Trench
- Tuffaceous - banded
- Claim post
- A Alders
- B Birch
- C Cedar
- E Elm
- J.P. Jackpine
- P Poplar
- S Spruce
- T Tamarack
- BAL Balsam
- ⊙ Sample location
- ⊙ Diamond Drill Hole

RECEIVED
JUN 3 - 1996
MINING LANDS BRANCH

2.16576
2.13576

Scale 1:2500
25 0 25 50 75 100 125
(metres)

H. A. MOORE
BEAVER CREEK PROPERTY
SOUTH LORRAIN TOWNSHIP
LARGER LAKE MINING DIVISION

GEOLOGY
November, 1994. OPAP Grant 94-135



600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N

L 1330 N

L 1200 N

L 1200 N

1100 N

L 1100 N

L 1000 N

L 1000 N

L 900 N

L 900 N

L 800 N

L 800 N

L 700 N

L 700 N

L 600 N

L 600 N

L 500 N

L 500 N

L 400 N

L 400 N

L 300 N

L 300 N

L 200 N

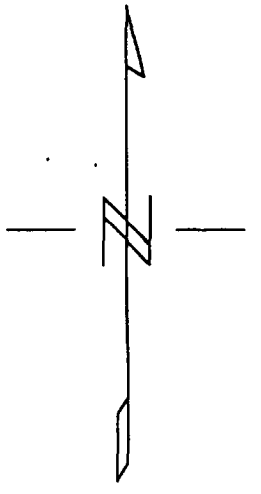
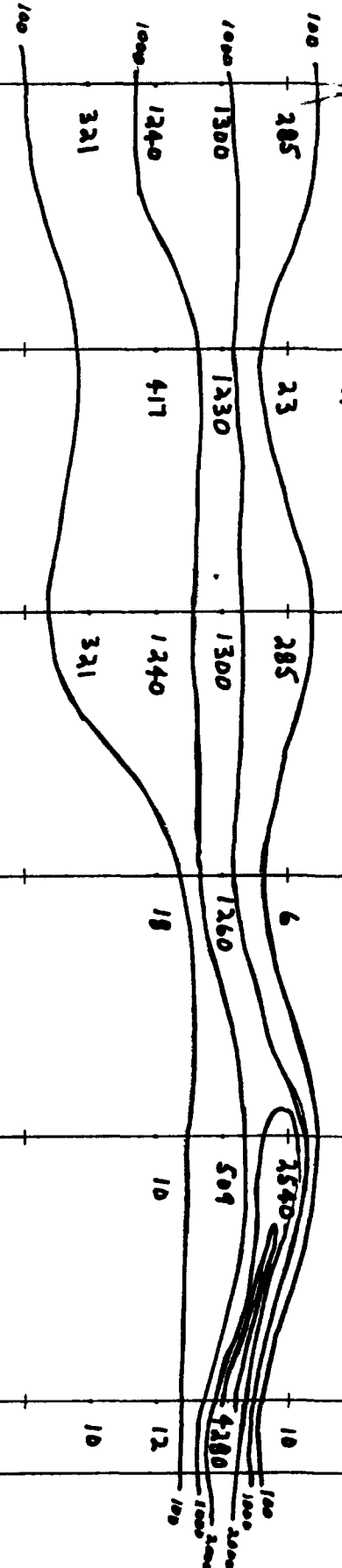
L 200 N

L 100 N

L 100 N

L 0

L 0



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

2.16576

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH LORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
SOIL GEOCHEMISTRY
Arsenic ppm in Humus
 November, 1994. OPAP Grant 94-135

220



31M03NW0034 2 16576 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N

L 1330 N

32 30

L 1200 N

L 1200 N

41 33 35

1100 N

L 1100 N

38 33 43 34 114 31 23 31

L 1000 N

L 1000 N

L 900 N

L 900 N

33 34 55 53 32

L 800 N

L 800 N

32 47 55 48 41 34

L 700 N

L 700 N

L 600 N

L 600 N

L 500 N

L 500 N

48 41 44

L 400 N

L 400 N

40 37 37 56

L 300 N

L 300 N

44 31

L 200 N

L 200 N

38 33

L 100 N

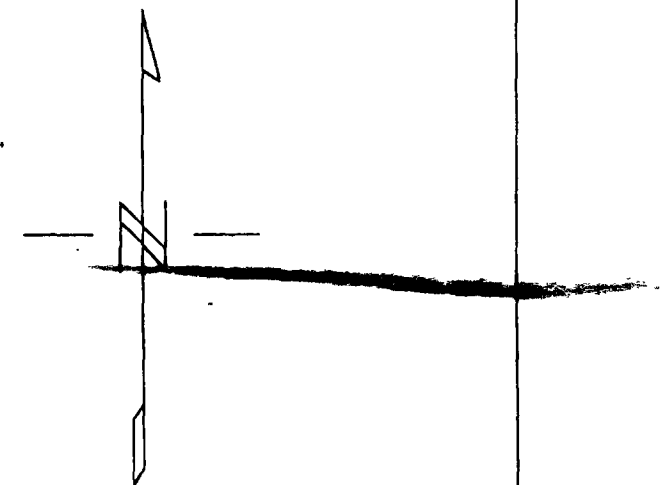
L 100 N

34 43 152 54

L 0

L 0

38 36 54 100 100 100



RECEIVED
JUN 3 - 1996
MINING LANDS BRANCH

16576

Scale 1:2500
25 0 25 50 75 100 125
(metres)

H. A. MOORE
BEAVER CREEK PROPERTY
SOUTH LORRAIN TOWNSHIP
LARDER LAKE MINING DIVISION
SOIL GEOCHEMISTRY
Nickel ppm in Humus
November, 1994. OPAP Grant 94-



600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N L 1330 N

L 1200 N L 1200 N

1100 N L 1100 N

L 1000 N L 1000 N

L 900 N L 900 N

L 800 N L 800 N

L 700 N L 700 N

L 600 N L 600 N

L 500 N L 500 N

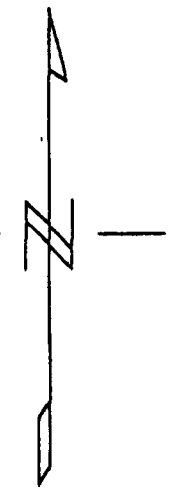
L 400 N L 400 N

L 300 N L 300 N

L 200 N L 200 N

L 100 N L 100 N

L 0 L 0



RECEIVED
JUN 3 - 1996
MINING LANDS BRANCH

2.1657 C

Scale 1:2500
25 0 25 50 75 100 125
(metres)

H. A. MOORE
BEAVER CREEK PROPERTY
SOUTH LORRAIN TOWNSHIP
LARDER LAKE MINING DIVISION
SOIL GEOCHEMISTRY
Cobalt ppm in Humus
November, 1994, OPAP Grant 94-135



240

31MGNW0034 2.16576 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N L 1330 N

L 1200 N L 1200 N

L 1100 N L 1100 N

L 1000 N L 1000 N

L 900 N L 900 N

L 800 N L 800 N

L 700 N L 700 N

L 600 N L 600 N

L 500 N L 500 N

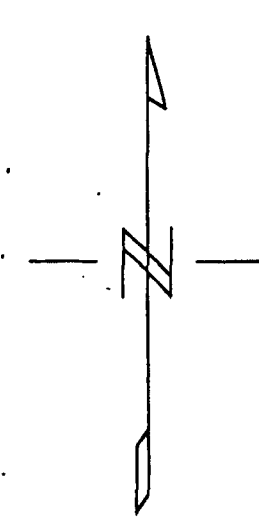
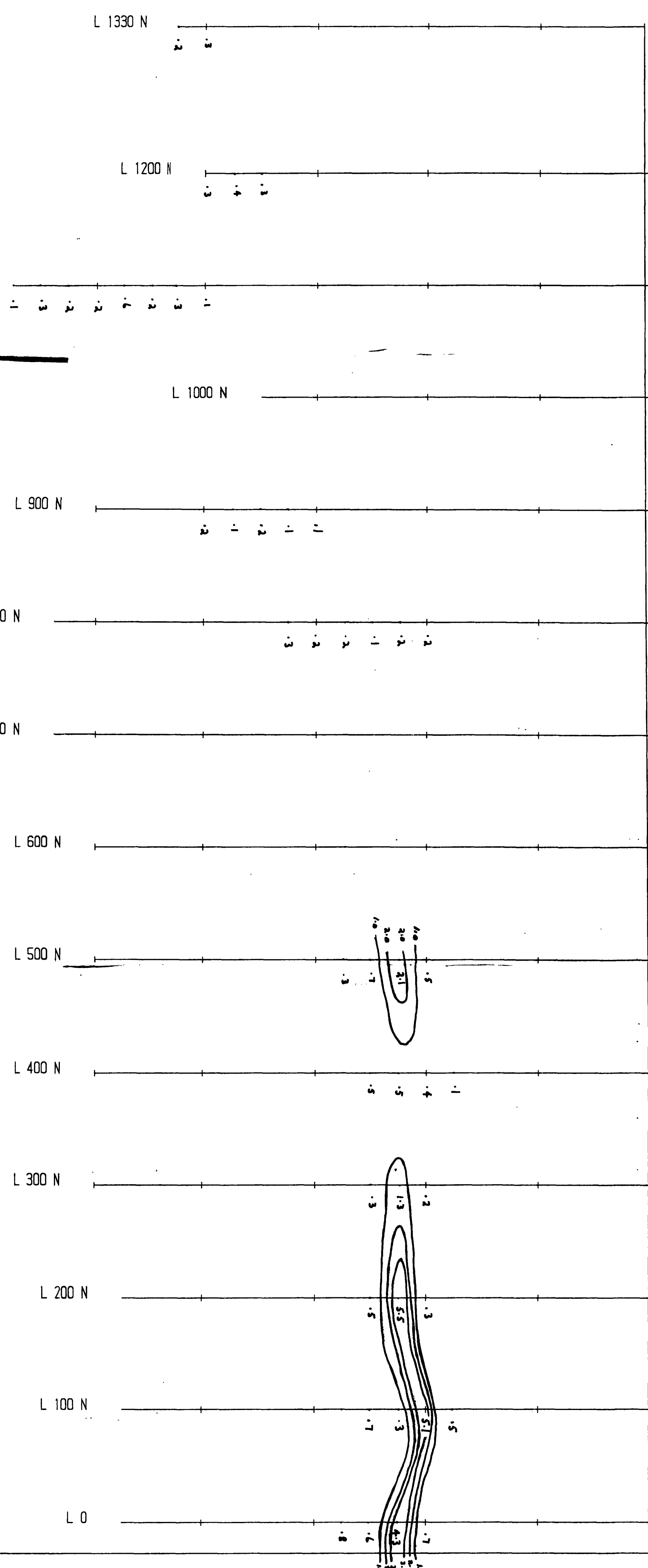
L 400 N L 400 N

L 300 N L 300 N

L 200 N L 200 N

L 100 N L 100 N

L 0 L 0



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

2-13576

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH L'ORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
SOIL GEOCHEMISTRY
Silver ppm in Humus
 November, 1994, OPAP Grant 94-135

250



31M03Y00034 2.18576 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N

L 1330 N

L 1200 N

L 1200 N

1100 N

L 1100 N

L 1000 N

L 1000 N

L 900 N

L 900 N

L 800 N

L 800 N

L 700 N

L 700 N

L 600 N

L 600 N

L 500 N

L 500 N

L 400 N

L 400 N

L 300 N

L 300 N

L 200 N

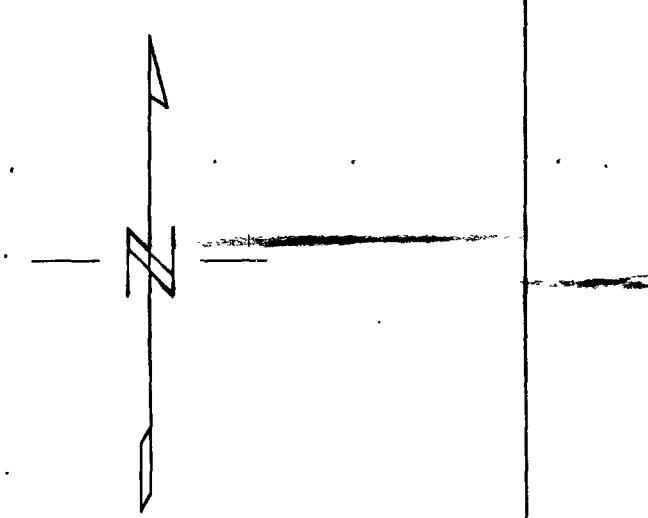
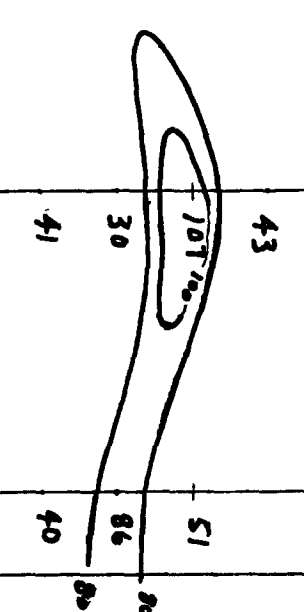
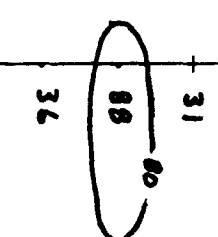
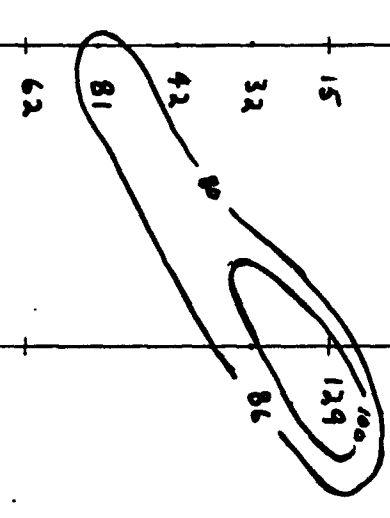
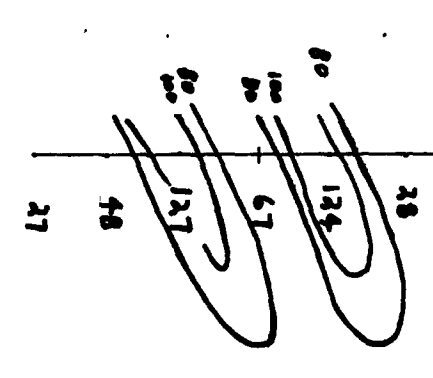
L 200 N

L 100 N

L 100 N

L 0

L 0



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

2.16576

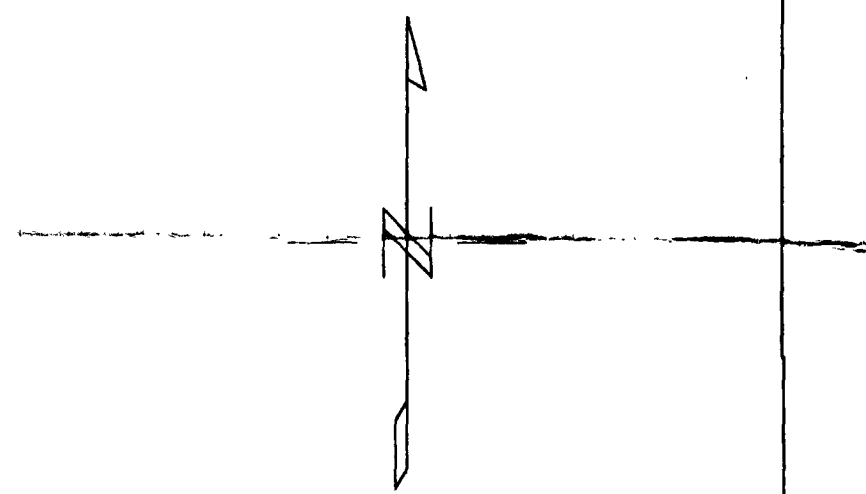
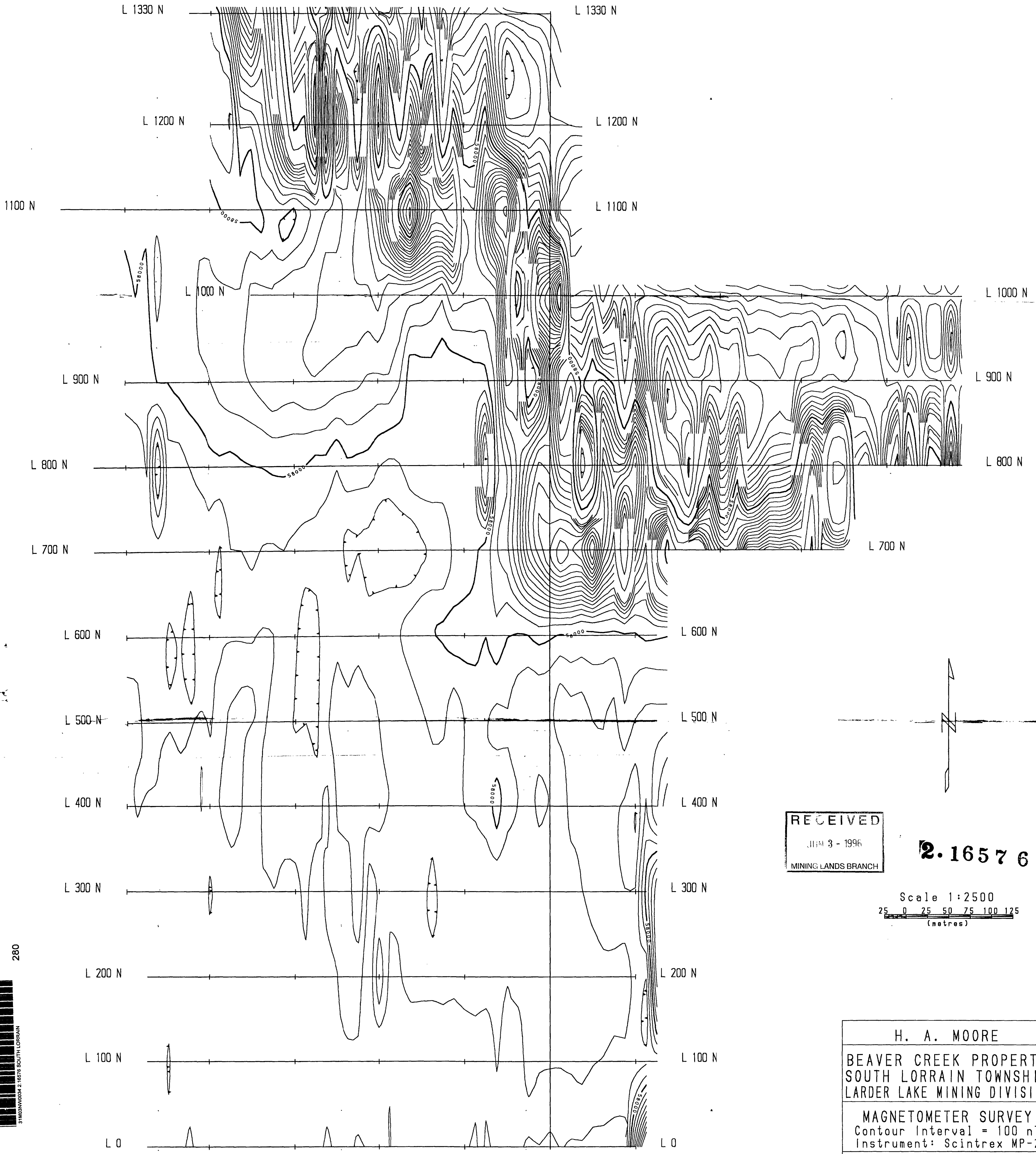
H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH LORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
SOIL GEOCHEMISTRY
Copper ppm in Humus
 November, 1994, OPAP Grant 94-135

260



31MDSW0054 2 18576 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

2.16576

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

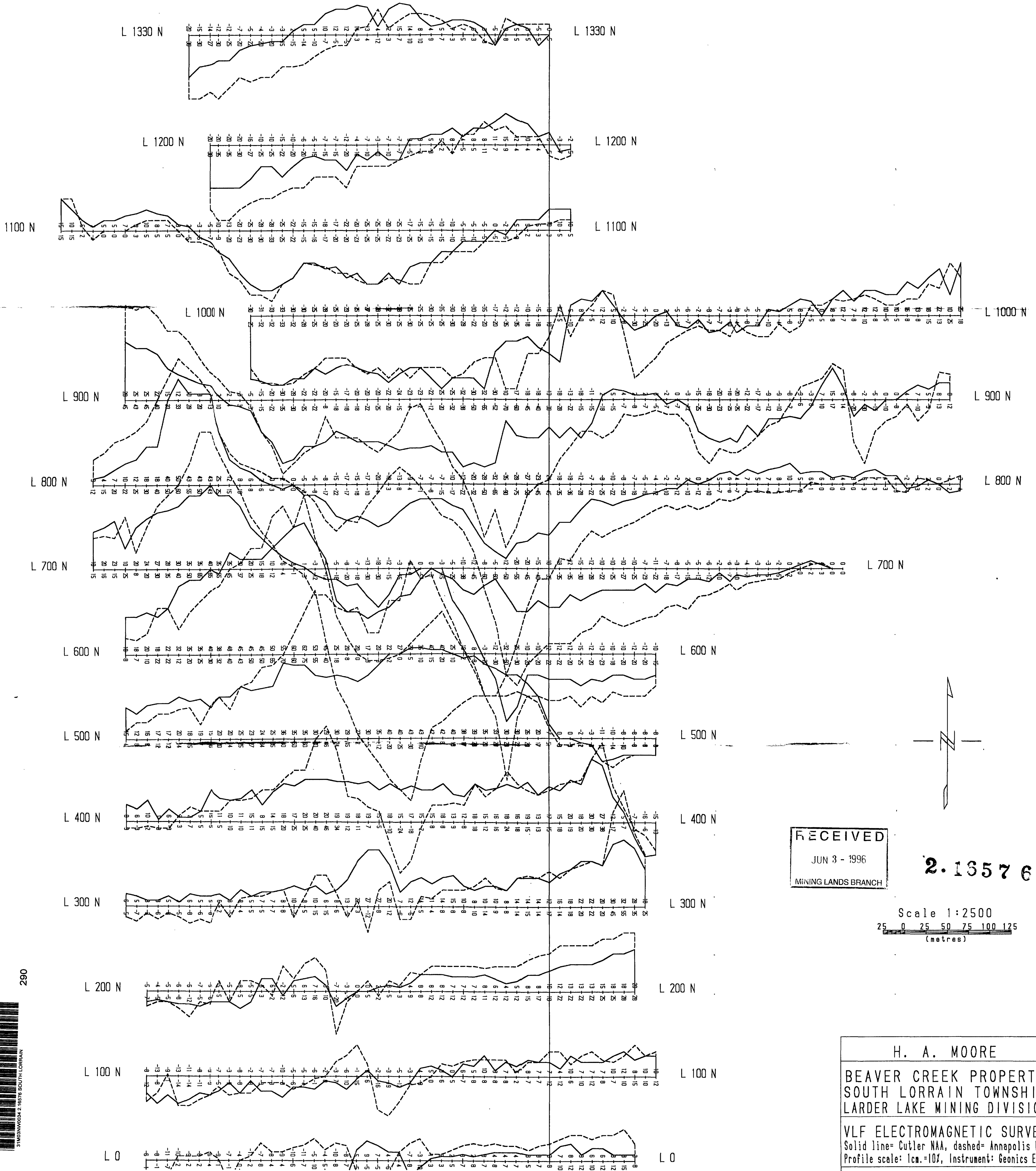
H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH LORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
 MAGNETOMETER SURVEY
 Contour Interval = 100 nT
 Instrument: Scintrex MP-2
 November, 1994. OPAP Grant 94-135

280



31MGNW004 2.16576 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E



RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH

2.13576

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH LORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
 VLF ELECTROMAGNETIC SURVEY
 Solid line= Cutler NAA, dashed= Annapolis NSS
 Profile scale: 1cm.=10%, Instrument: Geonics EM16
 November, 1994, OPAP Grant 94 135



290

3186540004 2 1876 SOUTH LORRAIN

600 W 500 W 400 W 300 W 200 W 100 W 0 100 E 200 E 300 E 400 E

L 1330 N L 1330 N

L 1200 N L 1200 N

1100 N L 1100 N

L 1000 N L 1000 N

L 900 N L 900 N

L 800 N L 800 N

L 700 N L 700 N

L 600 N L 600 N

L 500 N L 500 N

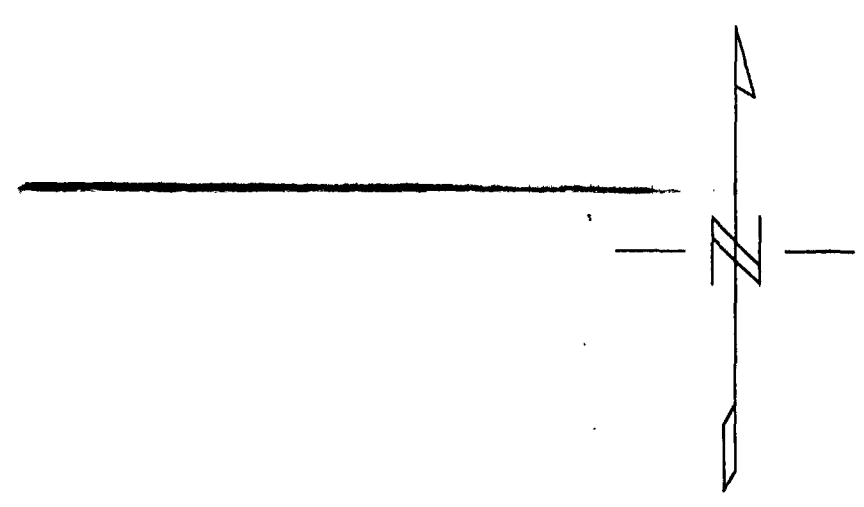
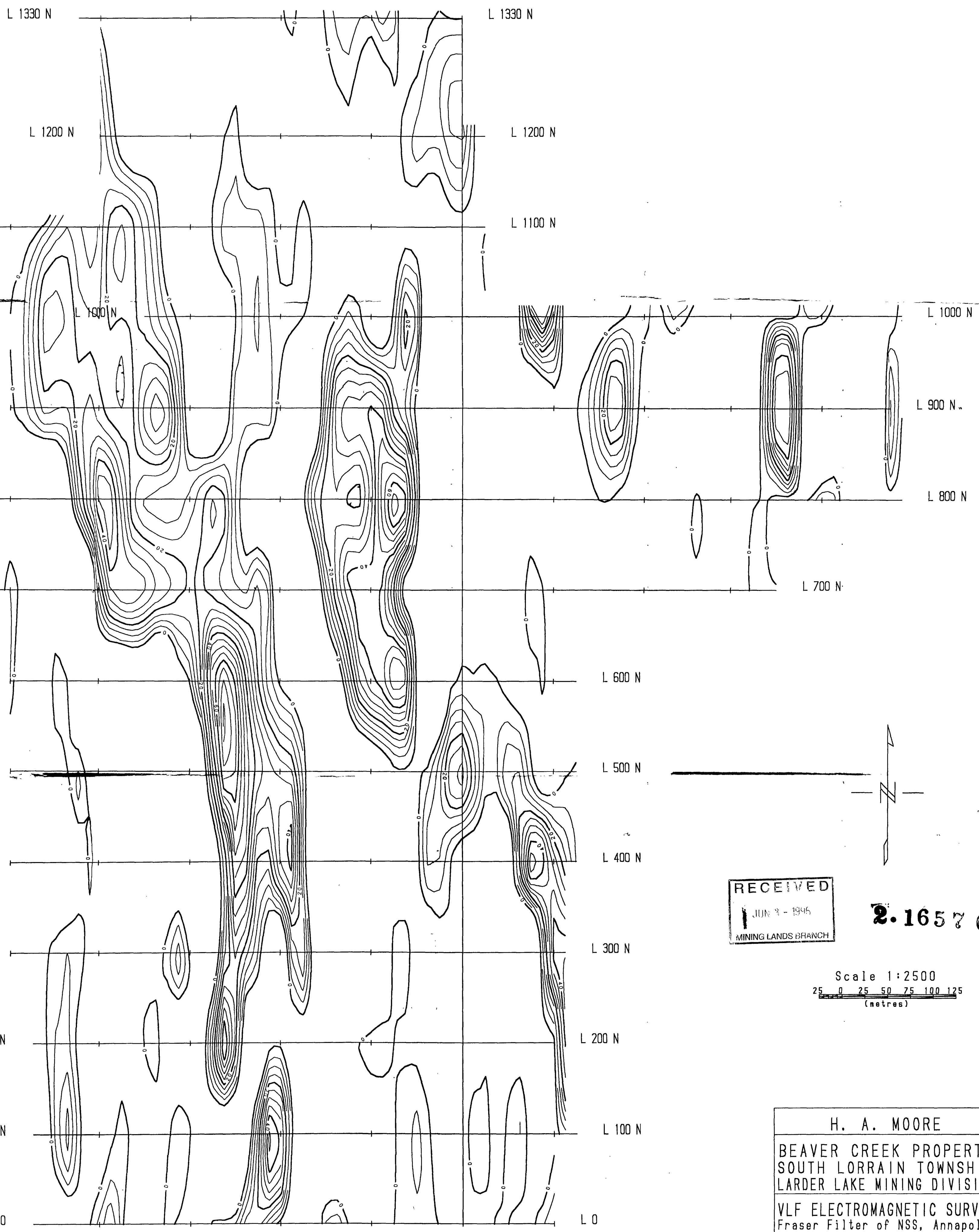
L 400 N L 400 N

L 300 N L 300 N

L 200 N L 200 N

L 100 N L 100 N

L 0 L 0



RECEIVED
 JUN 9 - 1996
 MINING LANDS BRANCH

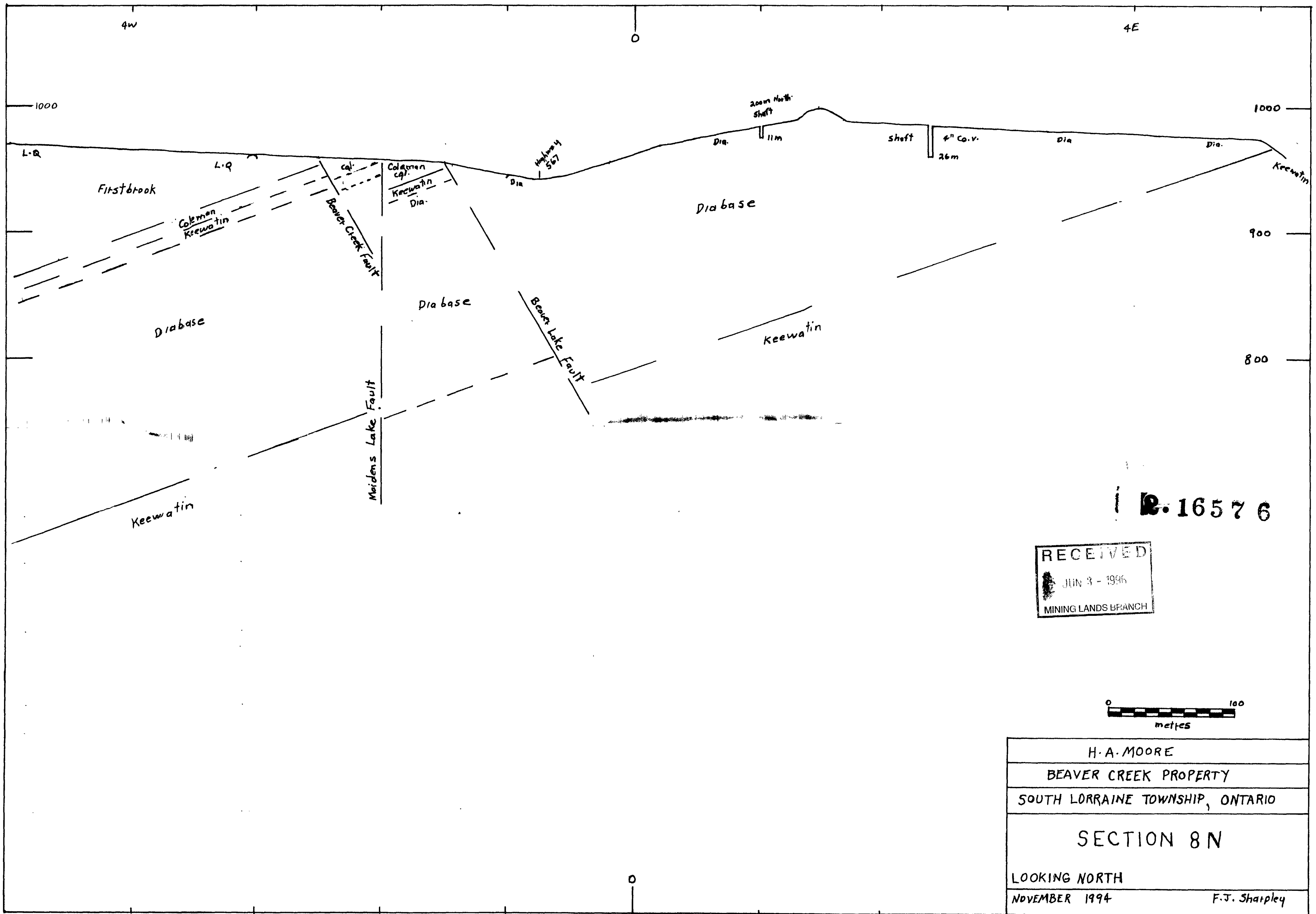
2.16576

Scale 1:2500
 25 0 25 50 75 100 125
 (metres)

310



H. A. MOORE
 BEAVER CREEK PROPERTY
 SOUTH LORRAIN TOWNSHIP
 LARDER LAKE MINING DIVISION
 VLF ELECTROMAGNETIC SURVEY
 Fraser Filter of NSS, Annapolis
 Contour Interval = 5 units
 November, 1994, OPAP Grant 94-135



R.16576

RECEIVED
 JUN 3 - 1996
 MINING LANDS BRANCH



H.A. MOORE	
BEAVER CREEK PROPERTY	
SOUTH LORRAINE TOWNSHIP, ONTARIO	
SECTION 8N	
LOOKING NORTH	
NOVEMBER 1994	F.J. Sharpley

320

