

150-2

150-2

150-2

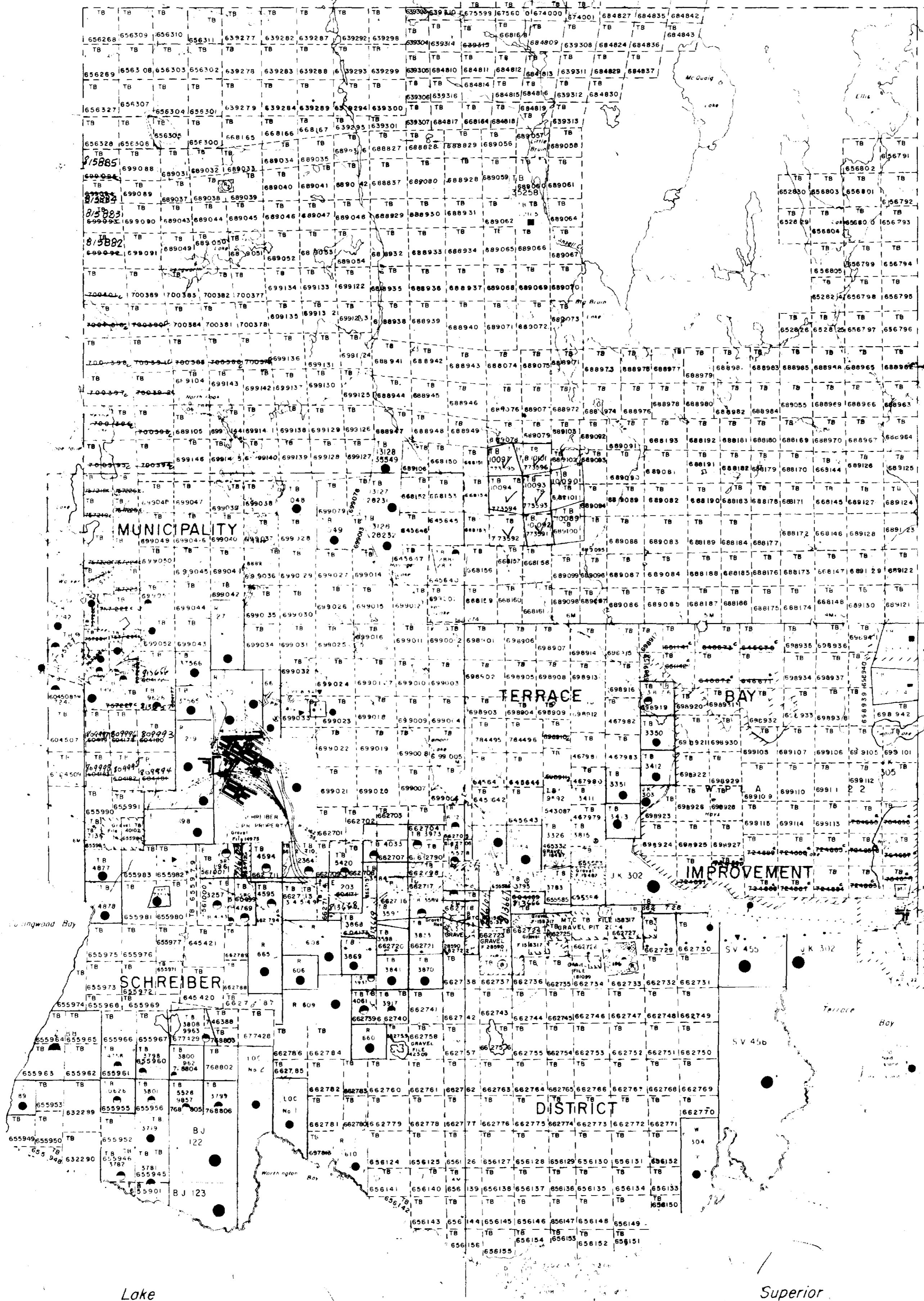
150-2

PAYS PLAT LAKE G-606

LOWER AGUASABON LAKE G-599

COPPER ISLAND G-588

STREY TWP. G-633



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

SR	DATE	ORDER NO.	DATE	DISPOSITION	FILE
SEC. 36/80	W 18/82	24/11/82	S.R.		181089
SEC. 36/80	W 28/83	20/8/83	S.R.		188541

Reserve Flooding Rights to contour 905' G.S.C. on Aguasabon River & Big Duck Creek for H.E.P.C. of Ontario. File: 132730.

Land under Lake Superior withdrawn from staking by O.C. - 30 April 1912.

Terrace Bay Township extends to the International Boundary.

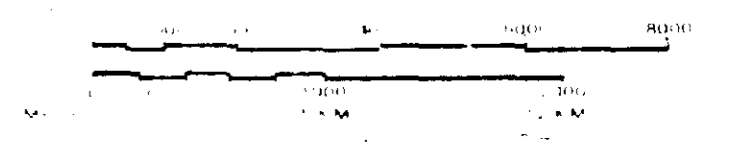
LEGEND

- HIGHWAY AND ROUTE
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP BASE LINES
- LOTS MINING CLAIMS
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS
- RAILWAY AND RAILROAD
- LOT LINES
- NON-PERENNIAL STREAM
- FLOODING (OR FLOODING RIGHTS)
- SUBDIVISION OF COMPOSITE PLAN
- RESERVATION
- ORIGINAL BOUNDARY
- MANHOLE/MUSEUM
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	◐
LEASE SURFACE & MINING RIGHTS	◑
SURFACE RIGHTS ONLY	◒
MINING RIGHTS ONLY	◓
LICENSE OF OCCUPATION	◔
ORDER IN COUNCIL	◕
RESERVATION	◖
CANCELLED	◗
SAND & GRAVEL	◘

SCALE 1 INCH = 40 CHAINS



TOWNSHIP

PRISKE

M. N. R. DISTRICT

TERRACE BAY

MINING DIVISION

THUNDER BAY

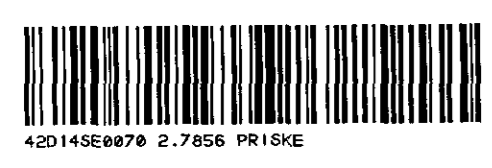
LAND TITLE REGISTRY

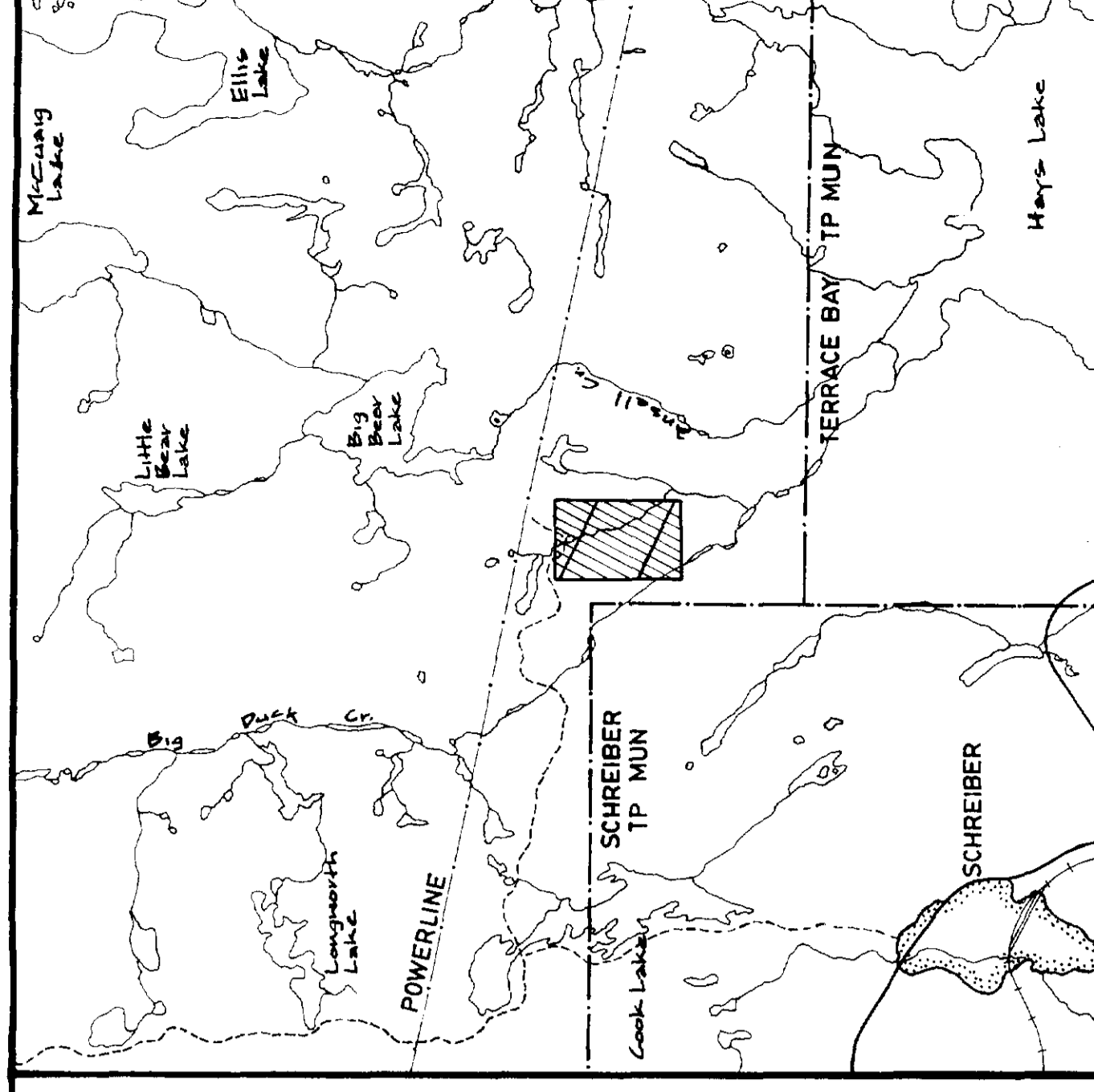
THUNDER BAY

Mineral Rights
Natural Resources
Ontario
August 10/84

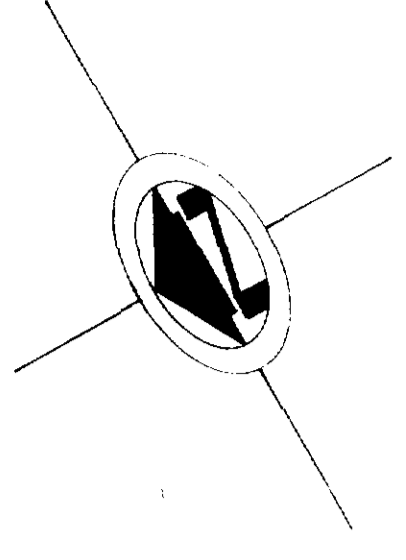
MARCH, 1982

G-631





SCALE 1 : 50 000
LOCATION MAP



MAXMIN SURVEY
INSTRUMENT - MAXMIN II
CABLE LENGTH - 100 M
FREQUENCY - 444 HZ
IN PHASE AND NEGATIVE ON LEFT OF LINE
OUT OF PHASE AND POSITIVE ON RIGHT OF LINE
PROFILE SCALE - 1 CM = 25%

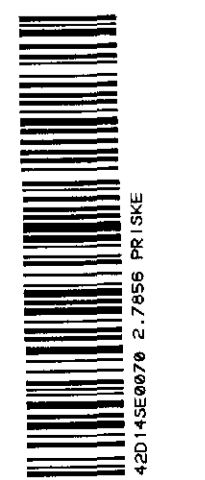
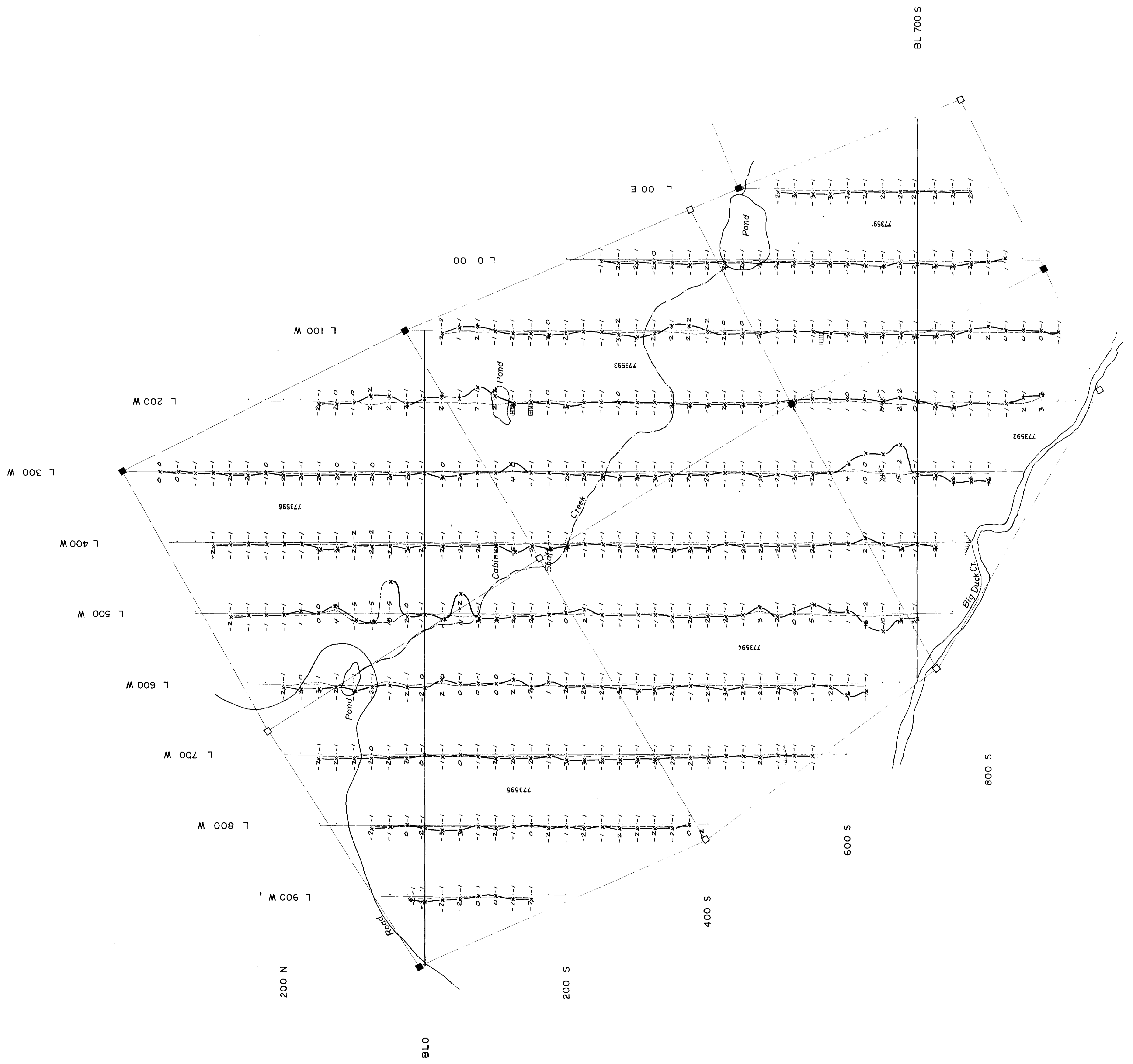
- TOPOGRAPHY**
- CLAIM POST (LOCATED, ASSUMED)
 - CLAIM LINE
 - ~ SWAMP
 - ▲ CLIFF
 - OC OUTCROP
 - ▭ TRENCH

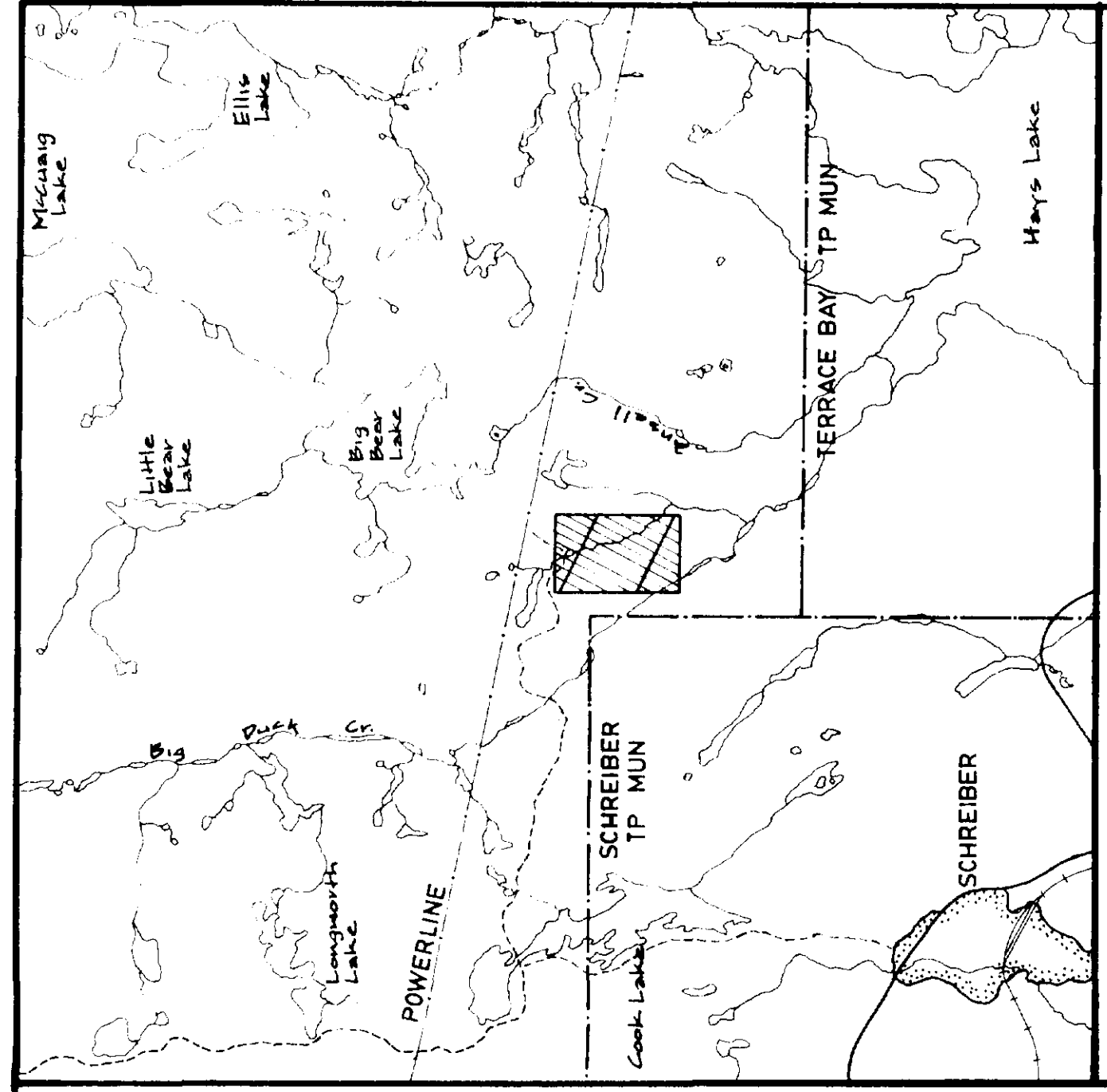
Andee J. Ikin Feb 22nd 1985

NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.

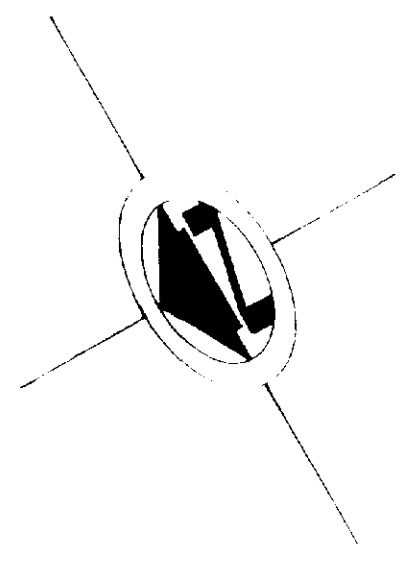
THE SCHREIBER PYRAMIDS PROPERTY
MAXMIN II SURVEY
SCHREIBER AREA

DATE NOVEMBER, 1984. SCALE 1 CM = 25 M DRAWN BY J. McALLISTER





SCALE 1 : 50 000
LOCATION MAP



MAXMIN SURVEY

INSTRUMENT - MAXMIN II
CABLE LENGTH - 100 M
FREQUENCY - 1777 HZ
PROFILE SCALE - 1 CM = 25%
IN PHASE AND NEGATIVE ON LEFT OF LINE
OUT OF PHASE AND POSITIVE ON RIGHT OF LINE

TOPOGRAPHY

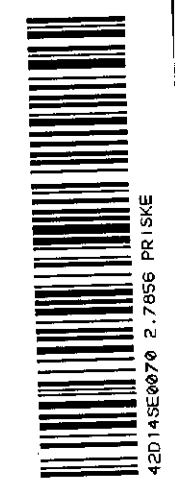
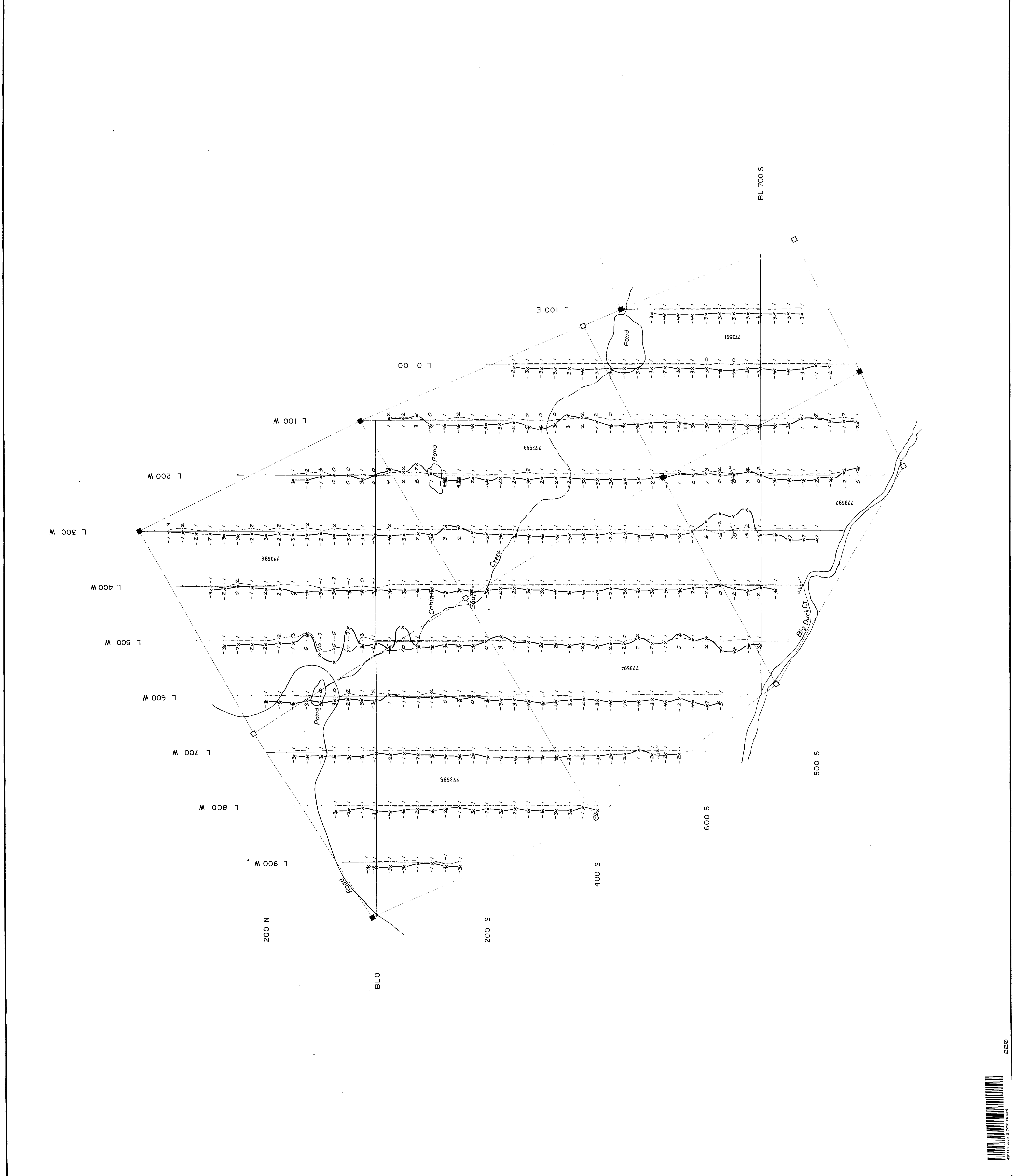
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- CLAIM LINE
- ~ SWAMP
- ▲ CLIFF
- OC OUTCROP
- ▭ TRENCH

André Blain Feb 22nd 1985

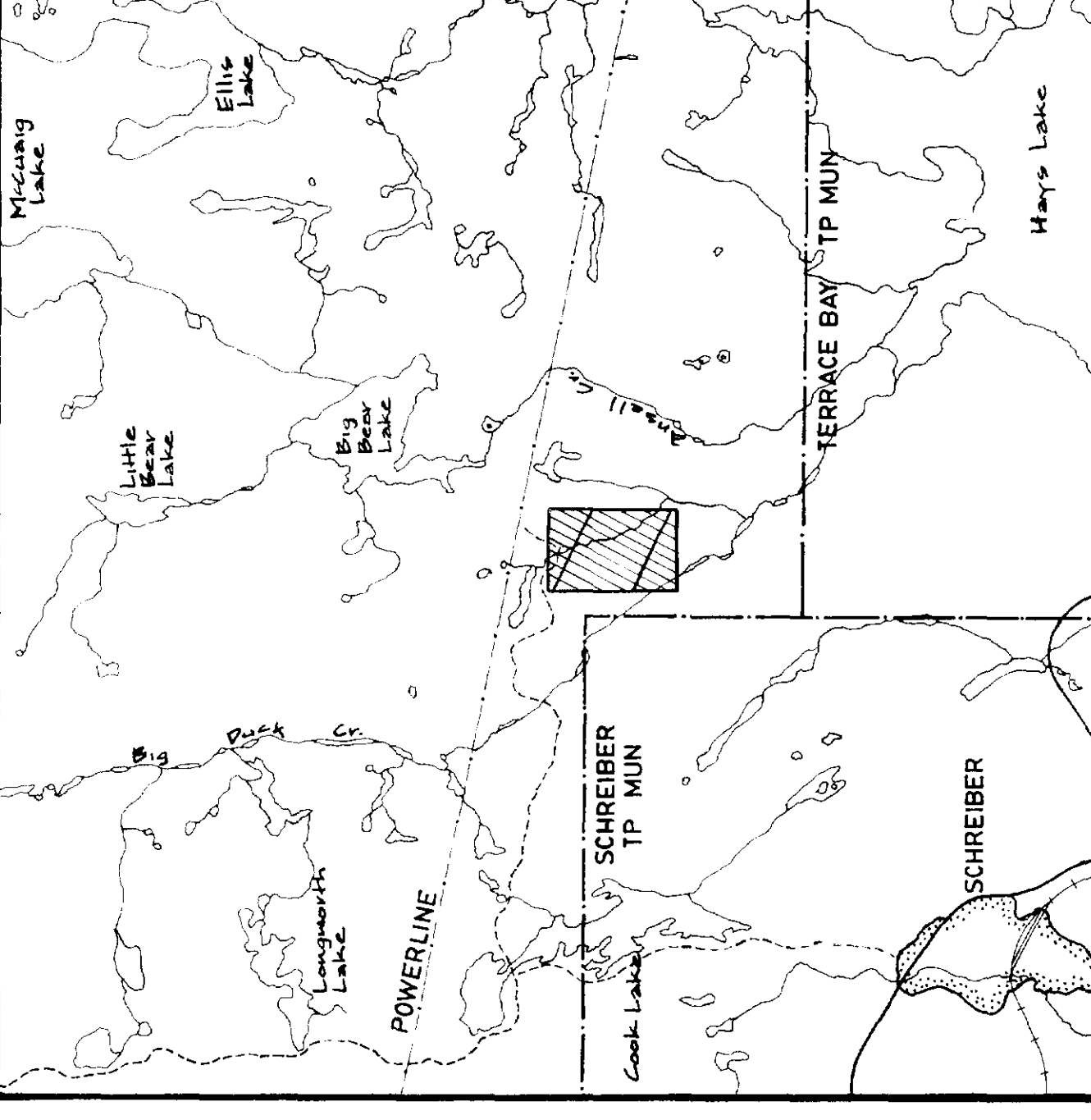
NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.

THE SCHREIBER PYRAMIDS PROPERTY
MAXMIN II SURVEY
SCHREIBER AREA

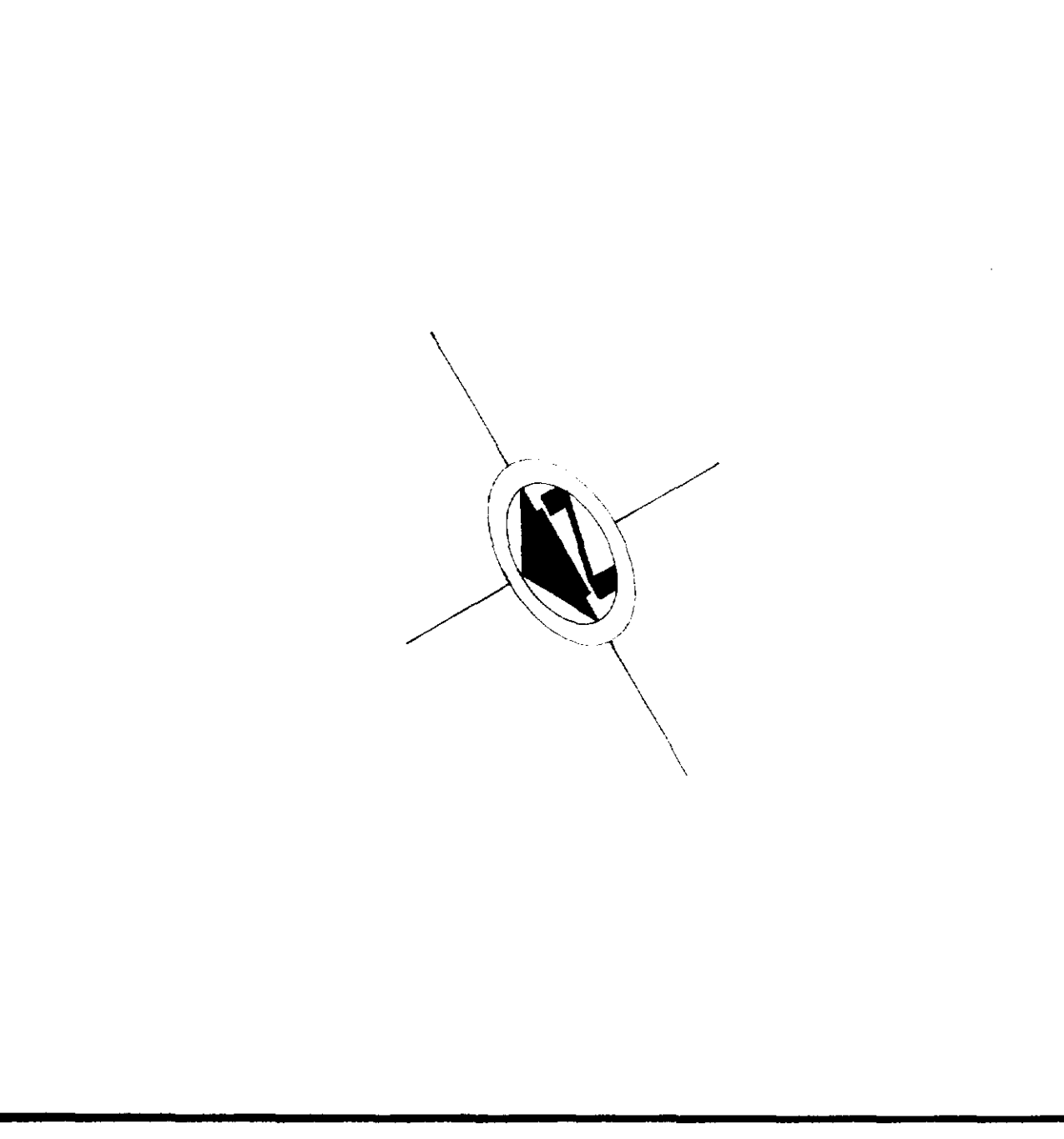
DATE NOVEMBER, 1984. SCALE 1 CM = 25 M DRAWN BY C. McCAUL-LESTER
B-7856



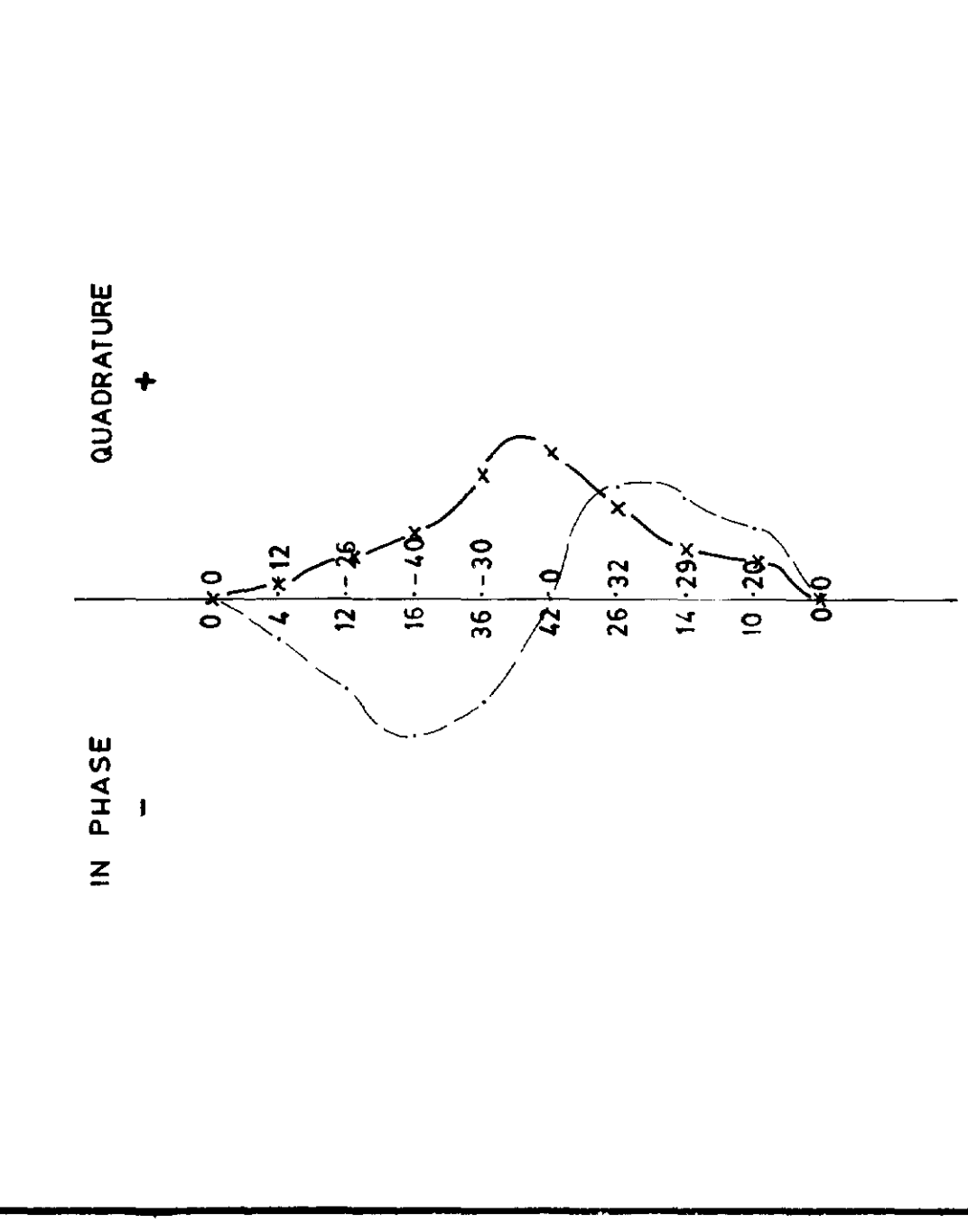
220



LOCATION MAP SCALE 1 : 50 000



VLF SURVEY
 INSTRUMENT - GEONICS EM-16
 TRANSMITTING STATION - CUTLER, MAINE
 READING DIRECTION - FACING NORTH
 PROFILE SCALE - 1 CM = 25 %



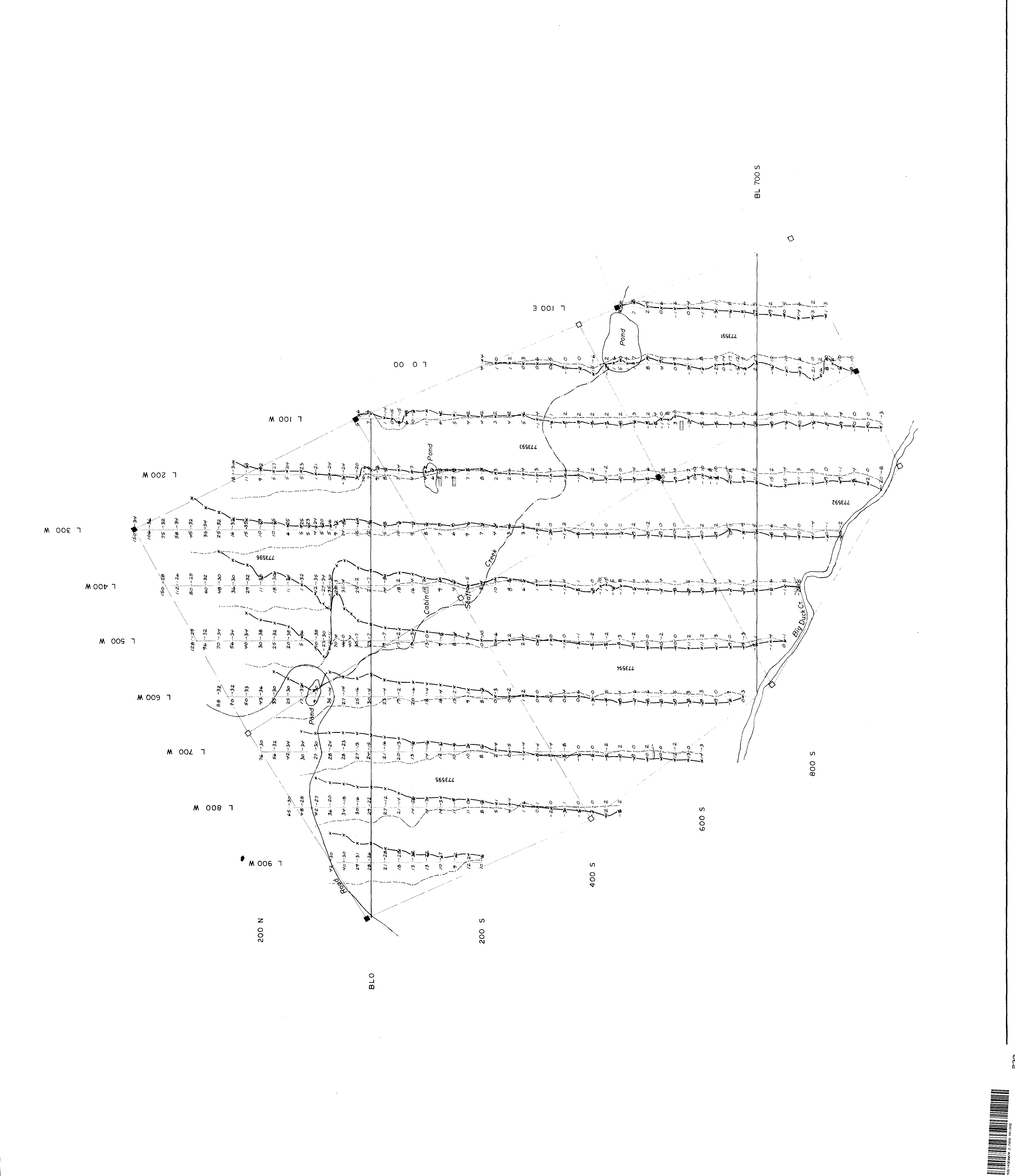
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- CLAIM POST (LOCATED, ASSUMED)
 - CLAIM LINE
 - SWAMP
 - CLIFF
 - OC OUTCROP
 - ▭ TRENCH

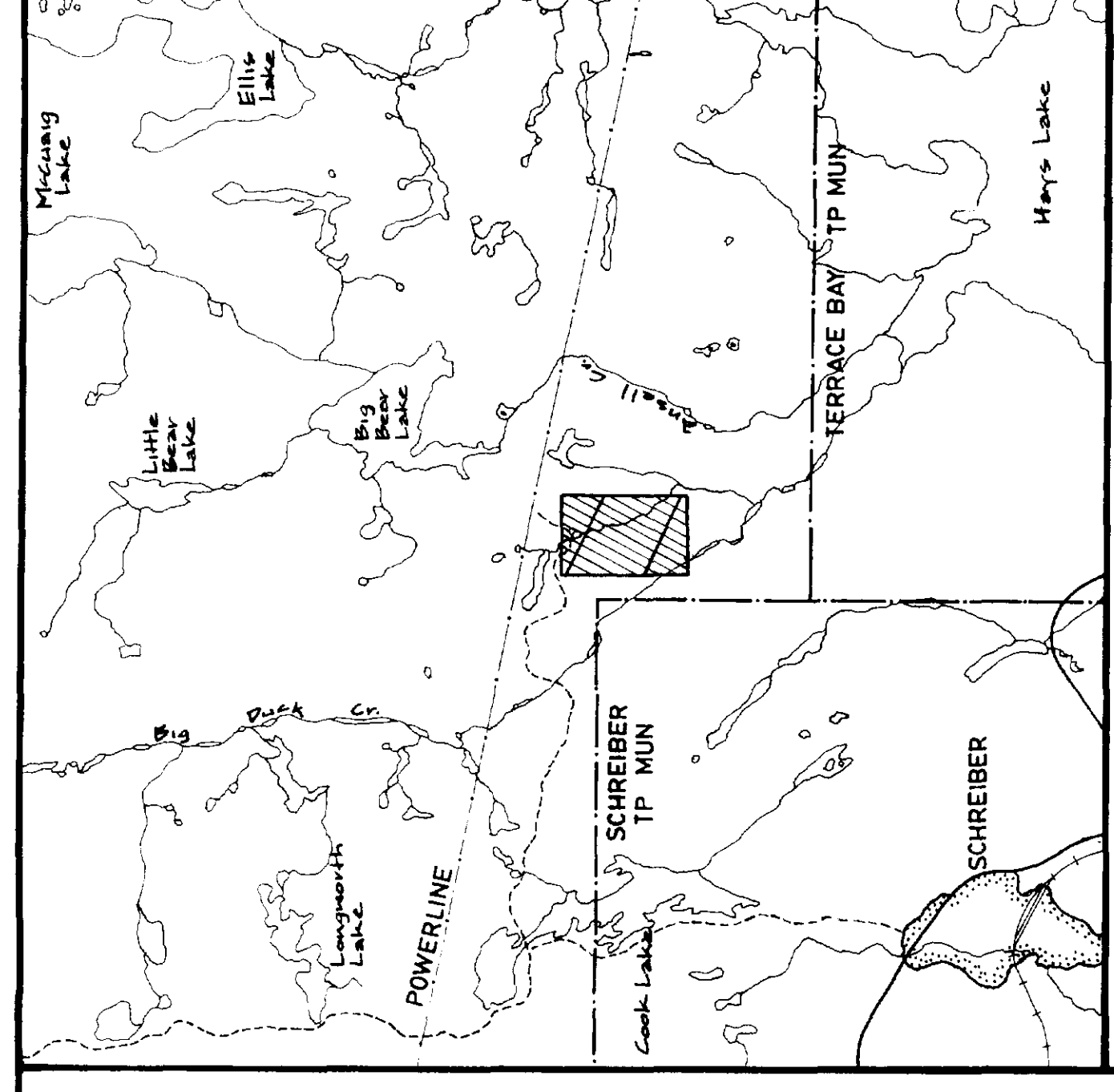
Andersson Feb 22nd 1985

NORTHWEST GEOPHYSICS LTD.
 THUNDER BAY, ONT.

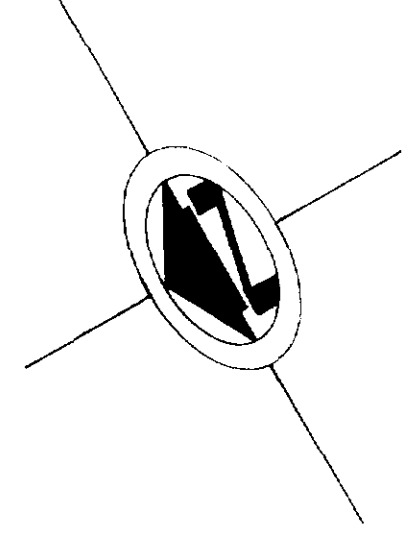
THE SCHREIBER PYRAMIUS PROPERTY
 VLF SURVEY
 SCHREIBER AREA

DATE NOVEMBER 1984.
 SCALE 1 CM = 25 M
 DRAWN BY J. McALLISTER
 5-7856





SCALE 1 : 50 000
LOCATION MAP



MAGNETOMETER SURVEY
INSTRUMENT - EDA OMNI-4 MAG
DATUM - 59 000 GAMMAS
CONTOUR INTERVAL - 500 GAMMAS
MAGNETIC LOW -

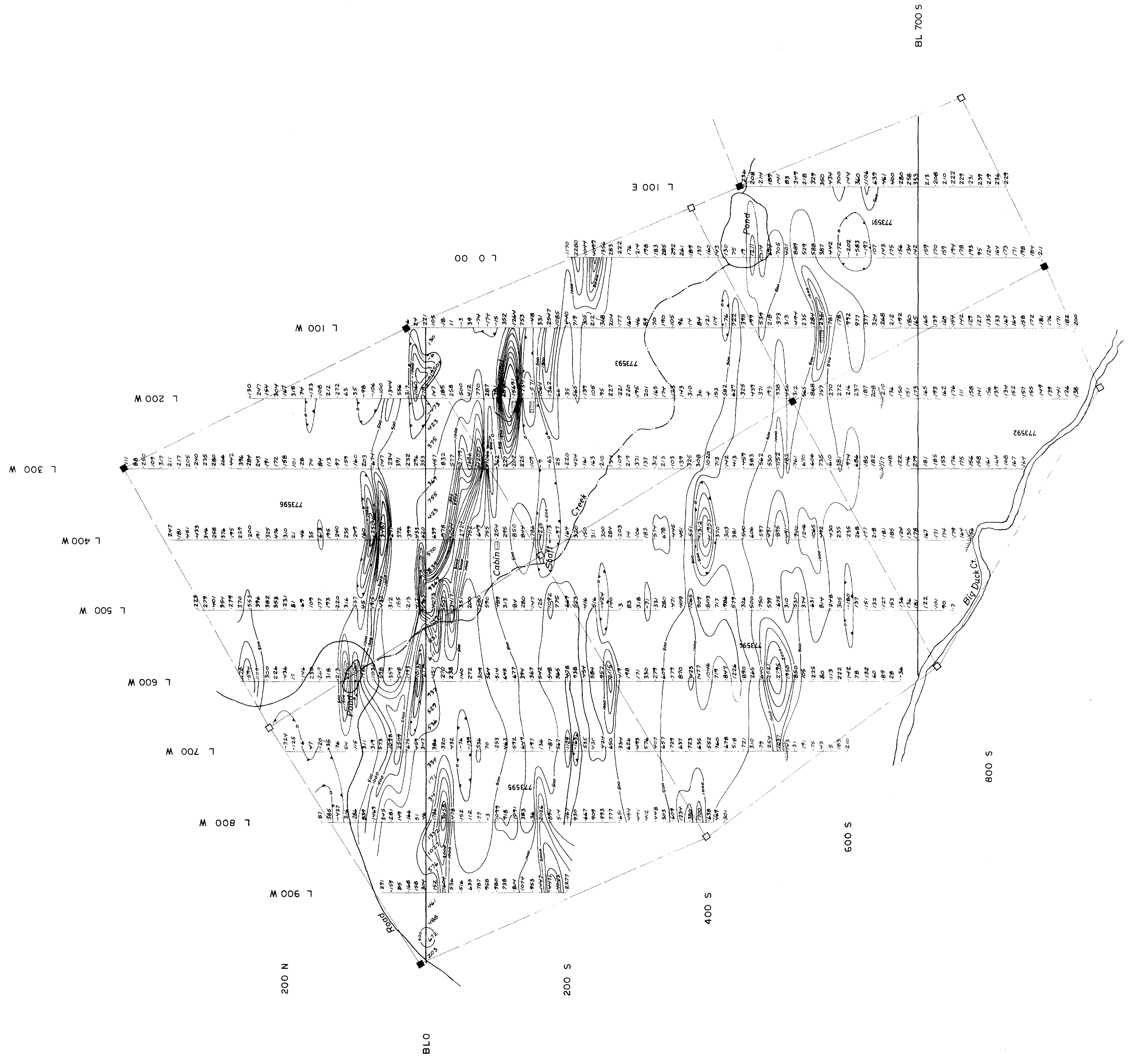
- TOPOGRAPHY**
- CLAIM POST (LOCATED, ASSUMED)
 - CLAIM LINE
 - SWAMP
 - CLIFF
 - OC OUTCROP
 - TRENCH

Andri J. J. Feb 22nd 1985

NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.

THE SCHREIBER PYRAMIDS PROPERTY
MAGNETOMETER SURVEY
SCHREIBER AREA

DATE NOVEMBER, 1984. SCALE 1 CM = 25 M DRAWN BY D. McALLISTER





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REPORT ON
THE SCHREIBER PYRAMID PROPERTY
PRISKE TOWNSHIP
NTS 42 D/14E

THUNDER BAY
MINING DIVISION
RECEIVED
FEB 20 1985
7001 1 2 3 4 5 6 PM
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MAR - 5 1985
MINING LANDS SECTION

A. Jolin
Feb. 8, 1985

REPORT ON THE SCHREIBER PYRAMID PROPERTY
PRISKE TOWNSHIP
NTS 42 D/14E

INTRODUCTION

Ground magnetometer, HEM and VLF surveys were carried out over the Schreiber Pyramid property by Northwest Geophysics from November 15, 1984 to November 25, 1984. A total of 10.9 km of picket and base lines which cover the 6 claims, were surveyed. The property is accessible by an old bush road between Cook Lake and a hydro line which is immediately north of the property.

PREVIOUS WORK

The 6 unpatented claims cover the old Schreiber-Pyramid Gold Mines property on which 2 gold-bearing quartz veins were exposed and trenched by Kenecho Gold Mines in the 1930's. The property was held by several groups during the late 1950's and early 1960's but no significant work was done. In 1969 Zenmac Metal Mines Ltd. drilled 5 shallow holes on a base metal occurrence south of one of the veins. One foot of massive sulphides (cp-sph-po) grading 4.56% Cu and 19.2% Zn was intersected at a vertical depth of about 50 feet. The sulphide zone occurs at the contact between cherty sediments and pillowed mafic flows. The property was mapped by M. Carter of the Ontario Geological Survey in 1980. It is underlain by mafic flows with thin, conformable, northwesterly trending beds of chert-magnetite iron formation. Stratigraphic 'tops' are interpreted to be to the northeast.

RESULTS OF THE GEOPHYSICAL SURVEYS

The anomalies outlined by these geophysical surveys are discussed in the appended technical report prepared by A. Lambert of Northwest Geophysics. Copies of maps of the data are also included with this report.

CONCLUSIONS

Two conductive zones were located by the geophysical surveys. The one north of the baseline on line 5W has a coincident magnetic high associated with it and it is also along strike with known copper-zinc mineralization. A weak conductor on lines 2W and 1W is coincident with trenches associated with gold-bearing quartz veins. Follow-up geological mapping and stripping is recommended to evaluate the extent, significance and relationship of the conductors and mineralization.

Audie Jolin

A. Jolin

February 8, 1985

STATEMENT OF QUALIFICATIONS

I, André Jolin hereby certify that:

- 1) I am a Geological Technician residing at 476 Dawson Street, Thunder Bay, Ontario. I have worked as a geological and geophysical technician since graduation.

- 2) I earned a College Diploma in Mining Technology from Le Collège du Nord-Ouest (Rouyn, P. Québec) in 1979.



André Jolin

Thunder Bay, Ontario

February 12, 1985



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NORTHWEST GEOPHYSICS LTD.

GEOPHYSICAL SURVEYS

SCHREIBER PYRAMIDS PROPERTY



42D14SE0070 2.7856 PRISKE

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TABLE OF CONTENTS

Summary of Results and Recommendations

PAGE

1	Introduction
1,2	Geology and History
2	Survey Procedures
3	Discussion of Results
4	Conclusions

Chart I

SUMMARY OF RESULTS AND RECOMMENDATIONS

The geophysical surveys of the Schreiber Pyramids Property have yielded two interesting anomalous features. Zone SP-1 appears to be on strike with five previously drilled exploration holes, one of which intersected high grade copper-zinc mineralization over one foot. The other zone SP-2 is also interesting in that it appears to have been worked for gold content and further work on it would be encouraging. There are also some minor magnetic features to investigate as well.

The grid should be mapped in detail, it will be important to locate and resample as many of the old workings as possible. Some of them are on the anomalies we have discovered/should help in evaluating them. It is also important to locate the holes drilled by Zenmac in 1969, the logs are available for them and the information available will be significant in the evaluation of zone SP-1. Mapping will also help identify the sources of the less prominent magnetic features as well.

If warranted, consideration should be given to having intermediate grid lines cut and surveyed on some parts of the grid, particularly over zones SP-1 and SP-2.

It is also recommended that additional claims to the east and the northwest be acquired as these anomalies strike off the grid in these directions, particularly the east.

INTRODUCTION

Northwest Geophysics Ltd. was contracted in November 1984 to cut lines and conduct geophysical surveys on six unpatented mineral claims in the Schreiber area. This claim group comprises part of a group of claims that was originally known as the Schreiber Pyramids property.

The property is accessible via a bush road that leaves Schreiber and passes west and then north of Cooke Lake, depending on road conditions you may drive within 1-2 miles of the property.

Baselines and tielines were cut with powersaw, picket lines were cut at 100m intervals and stations picketed every 25m's along the lines. A total of 10.9km of line were cut.

The geophysical surveys that were carried out were magnetometer, VLF-EM and horizontal loop EM. The purpose of the surveys was to locate previously discovered zones of gold, copper, lead and zinc mineralization, possibly extend these zones and/or located new or undiscovered zones of mineralization.

GEOLOGY AND HISTORY

The showings on this property appear to have been originally discovered in 1934. Since that time there have been eight diamond drill holes (totalling 2,400 feet) reported. There are also numerous trenches, an adit and an open cut located on the property.

The area was mapped in 1980 by the O.D.M. and a preliminary map of this information (Map P-2417) at a scale of 1" to 1/4 mile is

available. The geological and historical information in this report was taken from that map.

The property is underlain mainly by mafic metavolcanic rocks with some minor gabbro, amphibolite intrusives. There also appears to be two narrow metasedimentary bands intruding from the northwest. There are several mineralized zones on the property including 5 known quartz veins carrying gold mineralization. There are also occurrences of copper, lead and zinc.

SURVEY PROCEDURES

MAGNETIC: The magnetic survey was carried out with an EDA 375 magnetometer, an EDA Omni IV base station magnetometer was used for diurnal control. Readings were taken at 12.5 meter intervals along the lines.

VLF-EM: The instrument used for this survey was a Geonics EM-16 unit, readings were taken along the lines at a 25m spacing and 12.5m spacing over the anomalies. The transmitter used was Cutler Maine (freq. 24.01hz) and all readings were taken facing north. Both inphase and quadrature readings were taken.

HORIZONTAL LOOP: An Apex Parametrics Maxmin II+ unit was used for the survey, inphase and out-of-phase readings at two frequencies (1777 & 444 hz) were taken every 25m along the lines. Coil spacing was 100 meters.

All of the geophysical results have been plotted at a scale of 1:2500 and comprise 4 map sheets which accompany this report.

DISCUSSION OF RESULTS

There are two prominent anomalous features and several minor features on the grid. The first zone SP-1 is a dipole magnetic anomaly, peaks on line 400 W, has a coincident VLF anomaly along its entire strike length and a coincident horizontal loop anomaly on line 500 W only. The maximum anomaly is short, narrow and maybe located off line to the east. It has been interpreted to have a conductivity in the order of 15 mhos and a depth of 40 meters. A profile plot of zone SP-1 has been incorporated with this report. This zone is probably associated with a mineralized contact between the metasediments and the mafic metavolcanics.

Zone SP-2 is a strictly magnetic anomaly having no coincident horizontal loop or VLF anomaly. It is also a dipole anomaly, its peak is on L-200 W at 125 S on the south shore of a small pond. This anomaly appears to be within a band of metasedimentary rocks and is likely caused by magnetite mineralization within them. It also should be noted that there are indications that this feature may fold east of the grid and come back onto the grid south of anomaly SP-2.

One other anomaly SP-3 should be noted, it is a 2000 gamma anomaly and may have a very weak coincident VLF-EM anomaly, however, it is very narrow and short.

There are several other minor magnetic features, both highs and lows, throughout the grid. They are probably of little significance as they are generally short isolated features and have no coincident electromagnetic anomalies. This does not mean however that they should be overlooked in further evaluation of the property.

CONCLUSIONS

The linecutting and geophysical surveys on the Schreiber Pyramid property were carried out between November 15 and November 25, 1984. The grid is at 30° to the strike of the geology and this has led to minor problems in the plotting and interpretation of the magnetometer results. There is a powerline located just north of the grid, this affected the VLF survey in the northern part and the readings in that area are of little value. However, the maxmin and magnetometer survey were unaffected and it is unlikely that anything has been missed because of this. Extreme relief in some areas affected the horizontal loop survey, however these effects are obvious and do not appear to complicate the interpretation of the results.

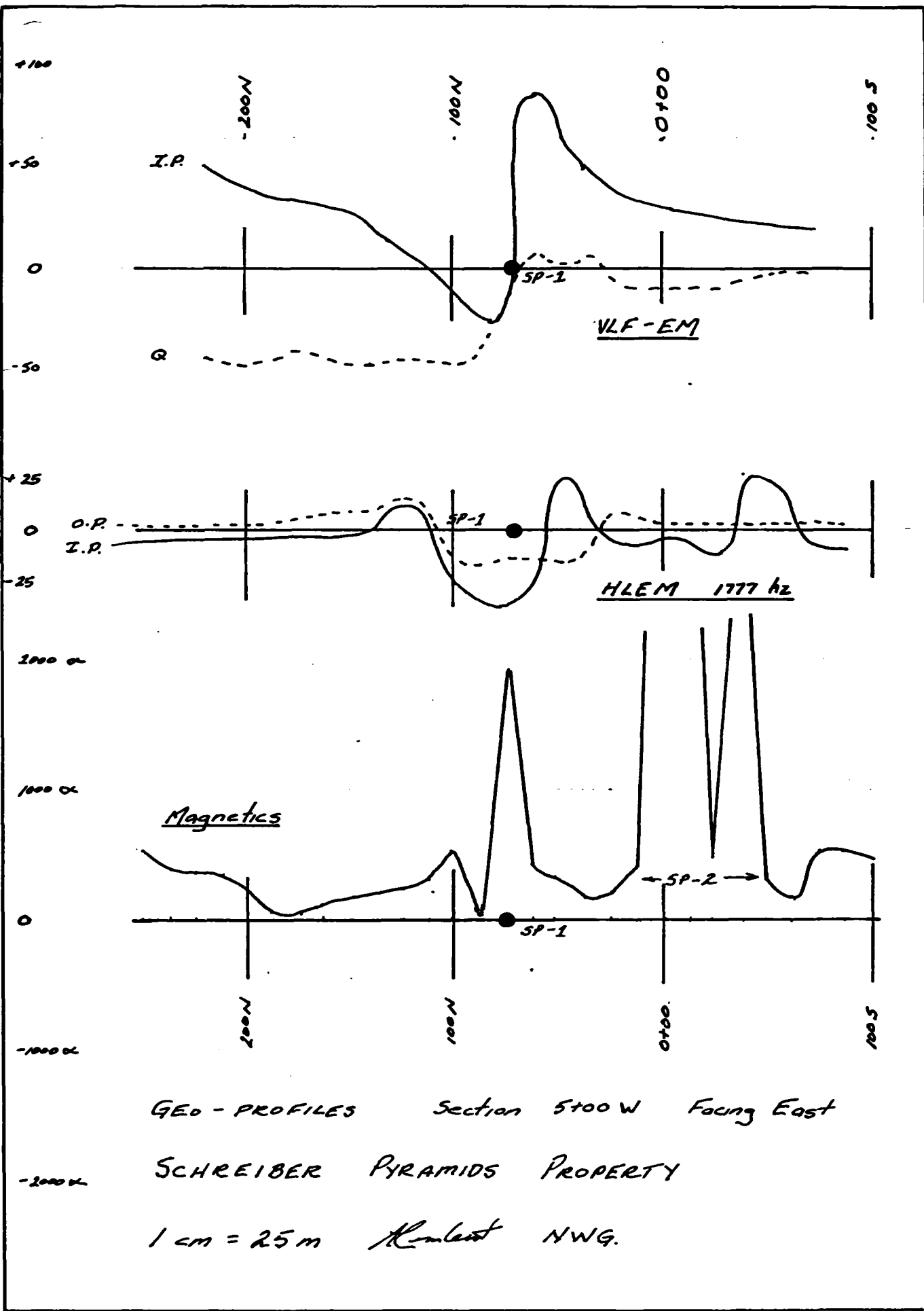
This report was written by A. J. Lambert a geological technician employed by Northwest Geophysics Ltd. who personally supervised the work on this property.

Submittal and acceptance of this report and the accompanying maps fulfills the obligations of Northwest Geophysics Ltd. for the Schreiber Pyramids property.

Signed A. J. Lambert



Northwest Geophysics Ltd.



GEO - PROFILES Section 5100 W Facing East

SCHREIBER PYRAMIDS PROPERTY

1 cm = 25 m *K. M. Lewis* NWG.

LAND MANI



Ministry of
Natural
Resources

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

84



42D14SE0070 2.7856 PRISKE

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File 773591

Mining Act

Do not use shaded areas below.

Type of Survey(s) GEOPHYSICAL AND LINECUTTING: VLF-EM; MAGNETOMER; LOOP-EM		Township or HORIZONTAL PRISKE TWP G-631	
Claim Holder(s) ANDRE JOLIN		Prospector's Licence No. E-30276	
Address APT. 1, 476 DAWSON STREET, THUNDER BAY, ONTARIO P7A 3V9			
Survey Company NORTHWEST GEOPHYSICS LTD, THUNDER BAY, ONT.		Date of Survey (from & to) 15 10 84 25 10 84	Total Miles of line Cut 10.9 Km
Name and Address of Author (of Geo-Technical report) ANDRE JOLIN, APT. 1, 476 DAWSON STREET, THUNDER BAY, ONTARIO P7A 3V9			

Credits Requested per Each Claim in Columns at right		
Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	20
	- Radiometric	
	- Other VLF-EM	20
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
	Man Days	
	Complete reverse side and enter total(s) here	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)					
Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
TB	773591				
	592				
	593				
	594				
	595				
	773596				

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MINING LANDS SECTION

Total number of mining claims covered by this report of work. 6

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded 480	Date Recorded Feb. 12 / 85	Mining Recorder <i>Andrew Mc Hayes</i>
	8.13.7	<i>[Signature]</i>

Date FEBRUARY 12, 1985	Recorded Holder or Agent (Signature) <i>Andre Jolin</i>
----------------------------------	--

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying ANDRE JOLIN, APT. 1, 476 DAWSON STREET, THUNDER BAY, ONTARIO P7A 3V9		
Date Certified FEBRUARY 12, 1985	Certified by (Signature) <i>Andre Jolin</i>	

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 872 -Magnetic; 436 HEM & VLF Number of Readings 1 Per Station
Station interval 12.5 m (Magnetic); 25 m (HEM & VLF) Line spacing 100 M
Profile scale 1 cm = 25% (VLF AND HEM)
Contour interval 500 gammas (Magnetic)

MAGNETIC

Instrument EDA 375 Magnetometer and EDA Omni IV Base Station
Accuracy – Scale constant 0.1 gamma
Diurnal correction method Using base station recorder
Base Station check-in interval (hours) Constant
Base Station location and value Lake south of Big Bruin Lake; 59,000 gammas

ELECTROMAGNETIC

Instrument APEX PARAMETRICS MAXMIN II; GEONICS EM-16
Coil configuration HORIZONTAL
Coil separation 25 M.
Accuracy 0.25% to 1.00%
Method: Fixed transmitter Shoot back In line Parallel line
Frequency 1777 and 444 Hz; Cutler, Maine (24.0 Hz)
(specify V.L.F. station)
Parameters measured In phase and out-of-phase response as percentage of primary field (HEM)
In phase and quadrature readings (VLF)

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____
Base station value and location _____
Elevation accuracy _____

INDUCED POLARIZATION
RESISTIVITY

Instrument _____
Method Time Domain Frequency Domain
Parameters – On time _____ Frequency _____
– Off time _____ Range _____
– Delay time _____
– Integration time _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____



Ministry of
Natural
Resources

February 26, 1985.

MEMORANDUM TO:

Director
Land Management Branch
Room 6643, Whitney Block
Queen's Park
Toronto, Ontario
M7A 1W3

SUBJECT: Technical Data - Mining claims TB773591 et al
Work Report #84 - Andre Jolin

Enclosed please find duplicate copies of technical data covering mining claims TB773591-96 inclusive submitted by Andre Jolin.

A handwritten signature in cursive script, appearing to read "C. Allam".

Catherine J. Allam
Acting Mining Recorder
Thunder Bay Mining Division
Ontario Government Building
435 S. James Street
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Telephone: (807) 475-1311

:cg

Encl.

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MAR - 5 1985

MINING LANDS SECTION

Mining Lands Section

File No 2.7856

Control Sheet

TYPE OF SURVEY	<input checked="" type="checkbox"/>	GEOPHYSICAL
	<input type="checkbox"/>	GEOLOGICAL
	<input type="checkbox"/>	GEOCHEMICAL
	<input type="checkbox"/>	EXPENDITURE

MINING LANDS COMMENTS:

LD

LD

Darcy

Signature of Assessor

6/3/85

Date