

41P11SE0017 2.15442 MACMURCHY

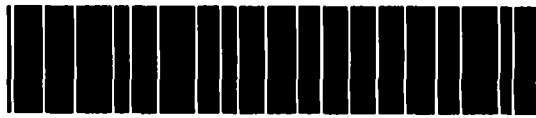
010

**REPORT ON EXPLORATION  
ON CLAIMS HELD BY JIM WHELAN  
IN MACMURCHY TWP. LARDER LAKE MINING DIVISION  
OPAP FILE # OP93-664**

**R. 15442**

**Jim Whelan**

**Jan. 31 1994**



41P11SE0017 2.15442 MACMURCHY

010C

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<b>Figure 1 Claim Location Sketch</b>	<b>1:20,000</b>
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**APPENDICES**

<b>Appendix I</b>	<b>Sample location and trench sketches, sample description and assay certificate</b>
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**ENCLOSURES**

<b>Knox Lake Group, Total Magnetic Field Survey Plan</b>	<b>1" = 400'</b>
<b>Knox lake Group VLF-EM Survey Plan Tx. NAA</b>	<b>1" = 400'</b>
<b>Knox lake Group VLF-EM Survey Plan Tx. NSS</b>	<b>1" = 400'</b>
<b>Violet Lake Claim Total Magnetic Field Survey</b>	<b>1" = 200'</b>
<b>Violet Lake Claim VLF-EM Survey</b>	<b>1" = 200'</b>

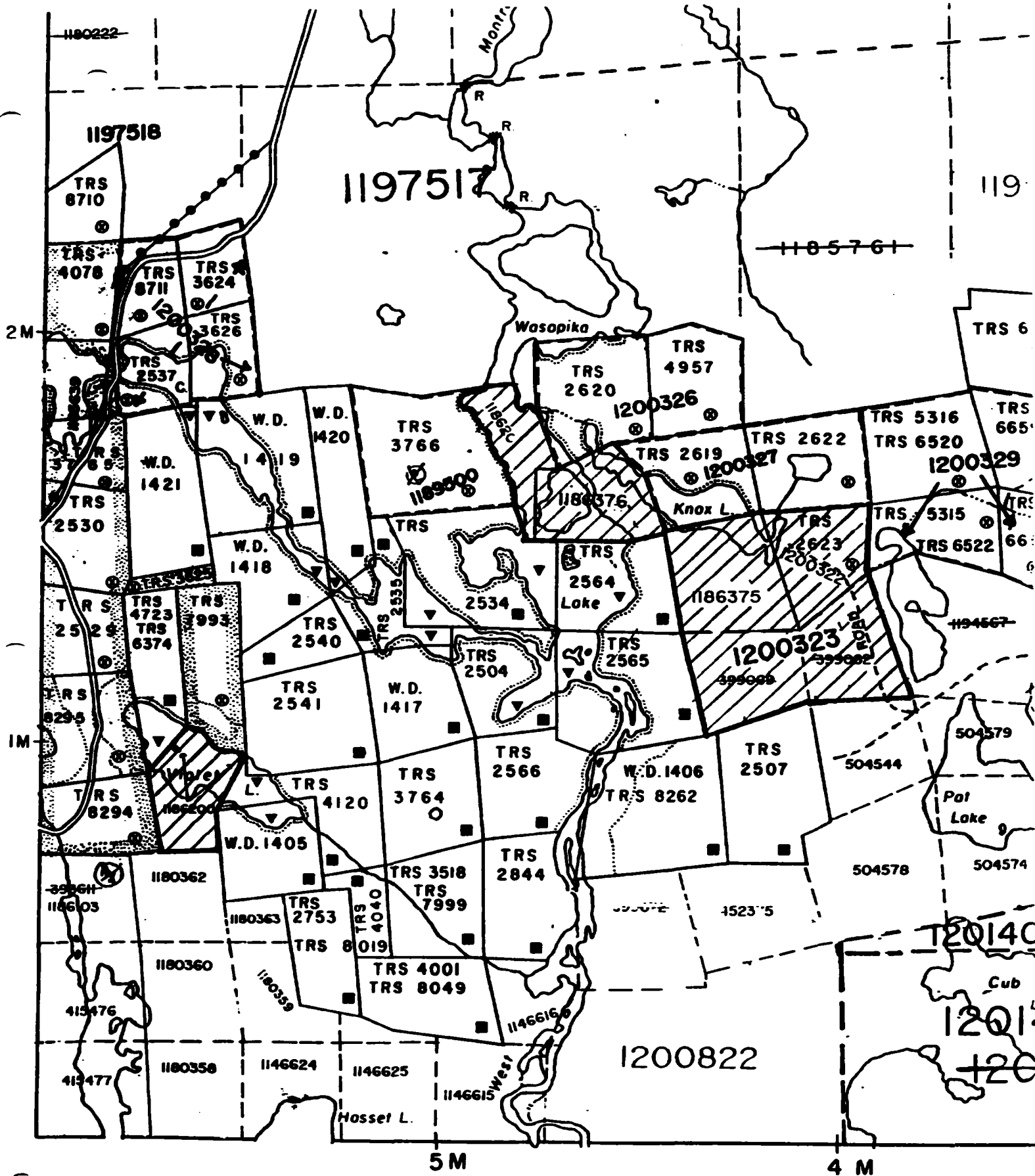


FIGURE 1 CLAIM LOCATION SKETCH 1:20,000

#### **GENERAL GEOLOGY:**

As indicated on Ontario Division of Mines geology map 2365 the southwest corner of Macmurchy Township is underlain by northwest trending felsic, intermediate and mafic metavolcanics cut by north south trending matachewan type diabase dykes. Gold deposits in the area occur in silicified carbonatized shears, or in quartz veins occupying shears or fractures.

#### **PREVIOUS WORK:**

Exploration in the area dates to 1911 with the discovery of gold on the west shore of Wasapika Lake, on ground that became part of the Bilmac Gold Mines Limited property. Intermittent exploration has been conducted on the property from 1919 -1938 and reserves are estimated to be 250,000 ton of .34 oz./ton in quartz veins in a shear.

The Ronda mine, a past producer is located near the Churchill Macmurchy township line approximately 500 meters northwest of Violet Lake. Exploration on the Ronda dates to 1912 and all production was in 1939 when 2727 oz. Au and 4830 oz. Ag were recovered from 24592 tons of ore.

Mayflower Mines Limited recorded in the early 1970's work on 17 claims in 3 groups partly on ground covered by this report. The work filed consisted of magnetic and vlf-em surveys, geologic mapping, geochemical surveys and a 3 hole diamond drill program. Of the 3 holes one was drilled on ground covered by this report (claim 1200323), no significant mineralization was reported. ODM Geoscience report 152 and accompanying map 2365 indicate that two

holes were drilled by Grantland Gold Mines Ltd. in 1954 on the east side of Wasapika Lake Between Wasapika lake and Knox Lake. No reference to these holes was found in the Cobalt Resident Geologists Office assessment files or on the Macmurchy township GDIF.

#### EXPLORATION PROGRAM:

##### Knox Lake Group

Geophysics: A total of 3.7 miles of line were cut and chained and covered by magnetic and vlf-em surveys as well a small detail grid was established on claim 1200322 in the area of the Knox Vein where gold had been reported in quartz veins in a rusty shear.

Prospecting and Sampling: Two old trenches were cleaned out and enlarged using a gas plugger and explosives, as well 2 new areas were blasted and sampled A total of 24 holes were drilled and 24 sticks of powder were consumed. 14 samples were collected and assayed for gold.

##### Violet Lake:

A total of 1.03 miles of line were established over claim 1186200 and magnetic and vlf-em surveys were completed.

#### RESULTS:

##### Knox Lake Group

Geophysics: The contoured magnetic data shows a number of spotty magnetic highs which align in a northwest direction these highs almost certainly are caused by northwest trending matachewan diabase dykes, with the western anomalies being caused by 2

parallel dykes one of which outcrops on the north shore of Knox Lake. and the eastern anomalies being caused by the dyke which cuts the Knox vein.

A number of vlf-em crossovers which can be joined into linear zones were detected, the anomalies over Knox Lake are likely a surficial response. The anomalies outlined east of Knox Lake and the southern anomalies cut across topographic features and warrant further investigation.

Two lines of vlf-em conducted on the detail grid over the Knox Vein showed no response.

Sampling: Ontario Division of Mines Geology map 2365 shows two easterly trending parallel quartz veins roughly 250' apart in the north west portion of current claim 1200322 only the northern vein was located and old trenches on the vein on both the east and west side of the diabase were cleaned enlarged and sampled. As the strongest shearing and mineralization was present east of the diabase more work was conducted there. Also on claim 1200322 a single blast and sample was taken from a zone of carbonate alteration with minor pyrite.

On claim 1200323 two areas were sampled the first being an old east west trench where quartz, veining numerous quartz stringers, abundant muscovite and minor sulphide mineralization were present in a zone roughly nine feet in width. The second area sampled on claim 1200323 was located near the south boundary 600 feet west of the linepost where coarse pyrite was present in an andesite.

Assay results were disappointing with the best return being .032 oz./ton from a sample of the Knox Vein west of the diabase on

claim 1200322. Sample and trench location sketches, sample descriptions and the certificate of analysis are included as an appendix to this report.

Violet Lake

The contoured magnetic data over the Violet Lake claim shows a rise in magnetic relief to the north which likely outlines a contact between intermediate and mafic volcanics.

The vlf-em anomalies detected are likely surficial responses.

**Recommendations:**

The vlf-em anomalies located on the Knox Lake group of claims should be prospected, and as recent forestry operations have revealed more outcrop on the property than indicated by previous surveys the entire property should be mapped.

No further work is planned on the Violet lake claim at this time. All of the work completed to date will be filed for assessment credit.

Respectfully submitted



Jim Whelan

## REFERENCES

- 1977: Carter M.W. Geology of Macmurchy and Tyrell Townships District of Sudbury and Temiskaming; Ontario Division of Mines Geoscience Report 152; 69pp and map 2365, 1:31680
- 1979: J.B. Gordon, H.L. Lovell, Jan de Grijs, and R.F. Davis Gold Deposits in Ontario part 2; Ontario Geological Survey Mineral Deposits Circular 18 p 74-76
- 1920: Hopkins P.E. West Shining Tree Gold Area in Ontario Department of Mines Annual Report Vol. XXIX part III p 28-82 and map 29a 1:31680
- 1990: Ontario Geological Survey , Geological Data Inventory Folio; 518 compiled by the staff of the Resident Geologists Office, Cobalt Ontario



CERTIFICATE OF QUALIFICATIONS

I, Jim M. Whelan do hereby certify:

that I am a Geotechnician residing at 114 Main Street, in the town of Kirkland Lake, Ontario;

that I have been practising my profession continuously since 1980;

that I am a member of the Prospectors and Developers Association of Canada, and the Canadian Institute of Mining and Metallurgy;

that I have personally conducted the subject geophysical surveys, and sampling and have reviewed all of the documents mentioned herein.

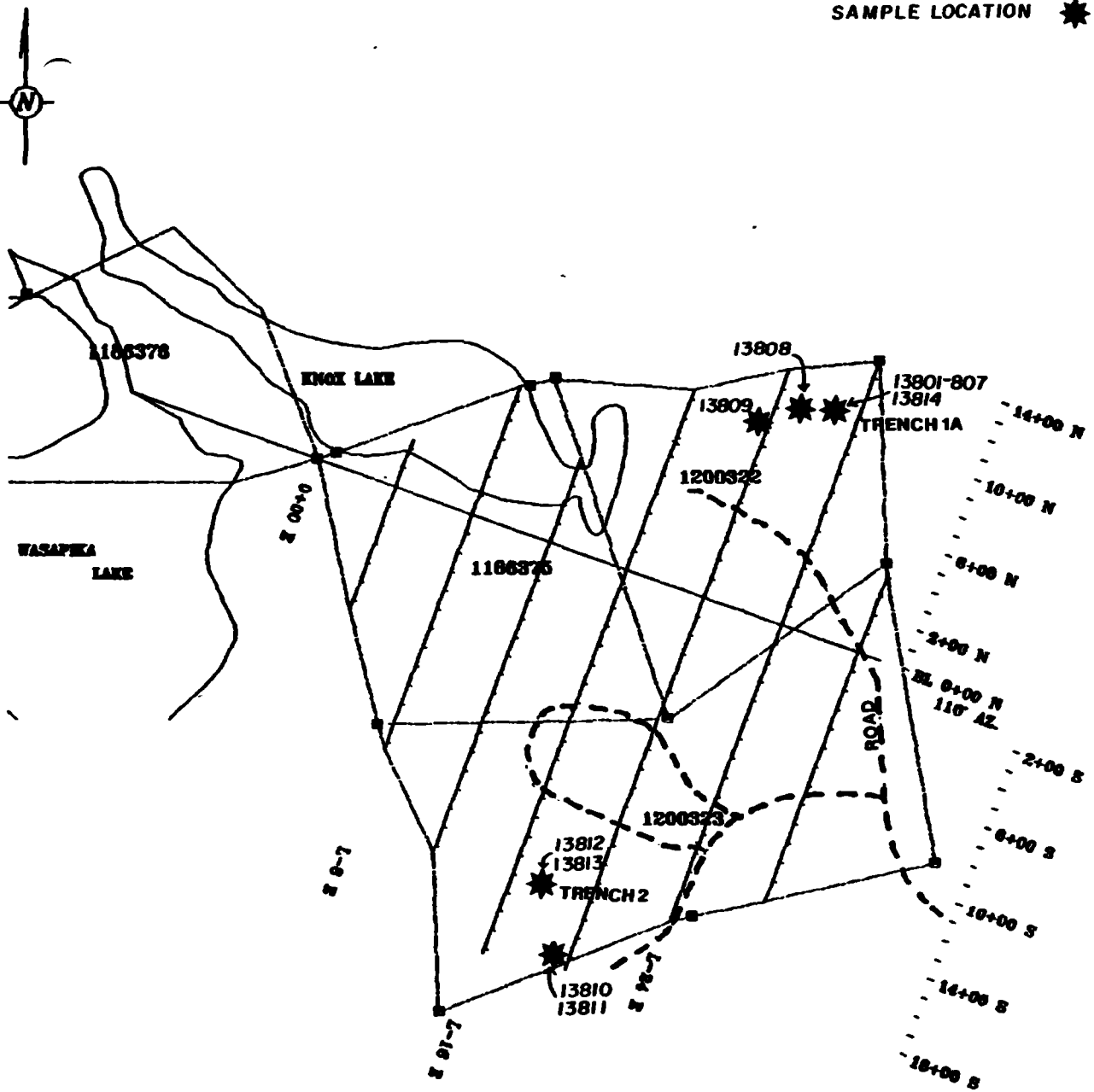
Dated at Kirkland Lake, Ontario, this 31st day of January 1994



Jim M. Whelan

**APPENDIX I**  
**Sample and Trench Location Sketches and Descriptions**

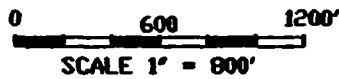
SAMPLE LOCATION \*



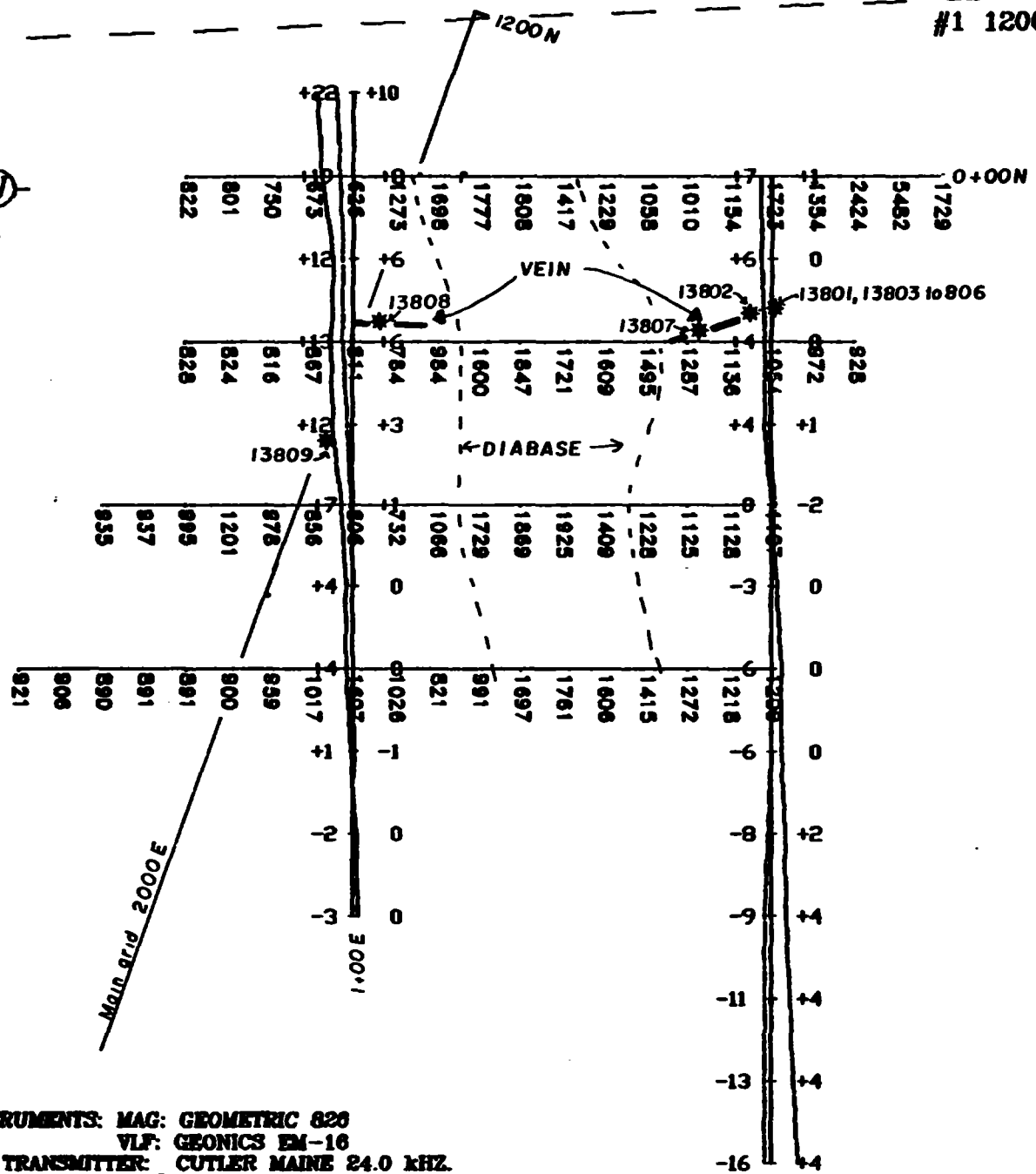
# MACMURPHY PROJECT, KNOX GROUP

MACMURPHY TOWNSHIP, LARDER LAKE MINING DIVISION ONTARIO, NTS 41P/11

## SAMPLE LOCATION PLAN

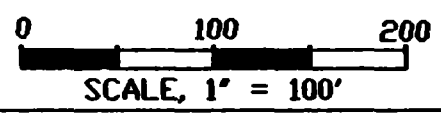


#1 1200322



INSTRUMENTS: MAG: GEOMETRIC 820  
 VLF: GEONICS EM-16  
 VLF TRANSMITTER: CUTLER MAINE 24.0 KHZ.  
 VERTICAL SCALE: 1" = 100'  
 OPERATOR FACING NORTH  
 MAG DATUM: 57000 NT.  
 \* SAMPLE

**KNOX VEIN DETAIL GRID  
 CLAIM 1200322 MACMURCHY TOWNSHIP  
 MAGNETIC & VLF-EM SURVEYS**

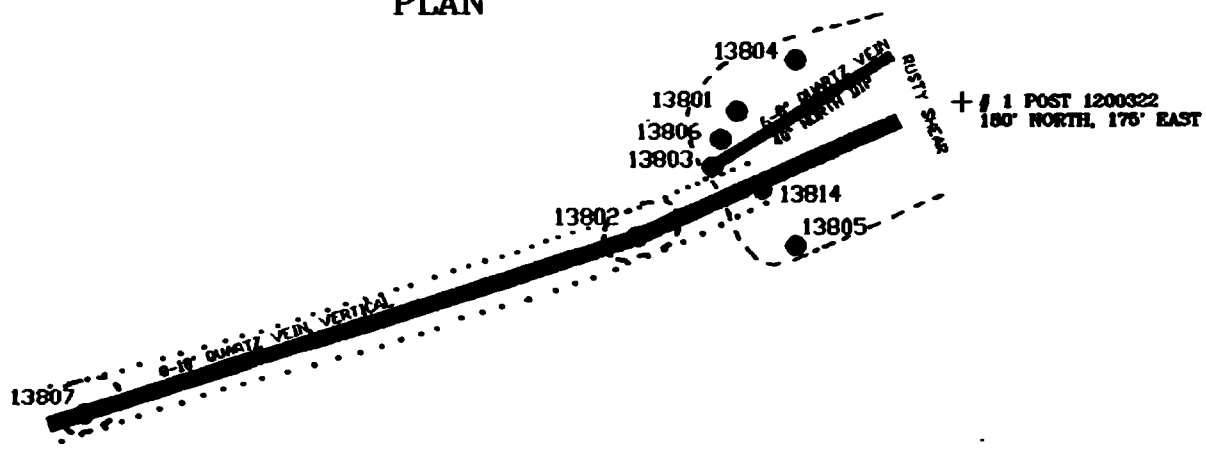




### PROFILE

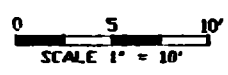


### PLAN

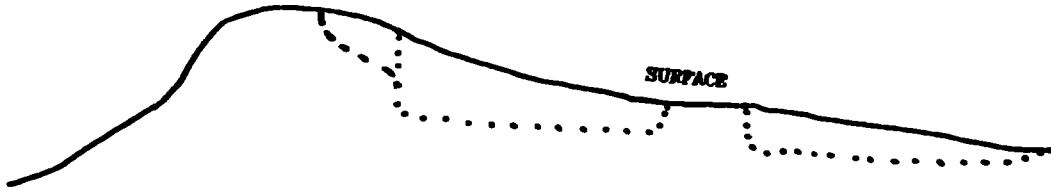


- QUARTZ VEIN 
- OLD TRENCH 
- NEW TRENCHING 
- SAMPLE LOCATION 

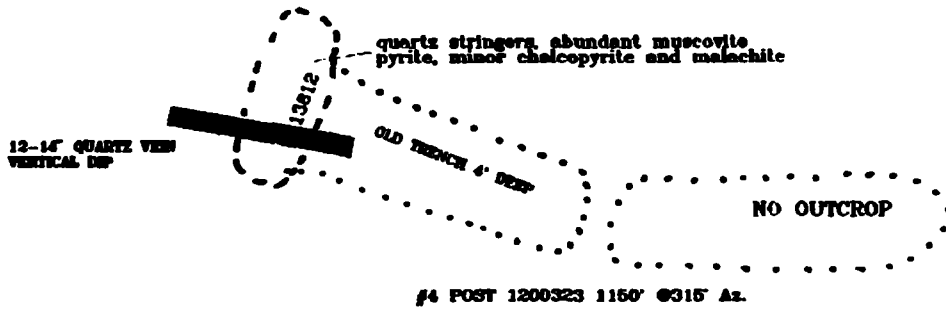
### MACMURCHY PROJECT KNOX GROUP TRENCH 1A



PROFILE



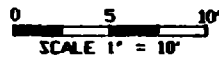
PLAN



RTZ VEIN  
OLD TRENCH  
NEW TRENCHING



MACMURCHY PROJECT KNOX GROUP  
TRENCH 2



## SAMPLE DESCRIPTIONS

13801	quartz vein and stringers in rusty shear pyrite, chalcopyrite
13802	" "
13803	" "
13804	" "
13805	" "
13806	" "
13807	" "
13808	" " west of diabase
13809	carbonate, minor pyrite
13810	andesite, coarse pyrite, minor chalcopyrite
13811	andesite, fine pyrite
13812	quartz veins and stringers in shear abundant muscovite, some pyrite, chalcopyrite and malachite
13813	" "
13814	same as 13802 to 807



Established 1928

# Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

## Assay Certificate

4W-0029-RA1

Company: **JIM WHELAN**

Date: **JAN-18-94**

Project:

Attn:

We hereby certify the following Assay of 14 ROCK samples submitted JAN-14-94 by .

Sample Number	Au oz/ton	Au Check oz/ton
13801	NIL	
13802	0.032	0.029
13803	0.002	
13804	NIL	
13805	0.004	
13806	NIL	
13807	0.008	
13808	0.014	0.013
13809	NIL	
13810	NIL	
13811	NIL	
13812	0.001	
13813	0.001	
13814	0.018	0.018

Certified by *G. Lebi*

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





GAS

Report of Work Conducted After Recording Claim

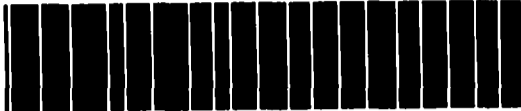
Mining Act

Transaction Number W9490.00203

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.

2.15442

- Instructions: - Please type or print and submit in duplicate. - Refer to the Mining Act and Regulations for re Recorder. - A separate copy of this form must be complet - Technical reports and maps must accompany - A sketch, showing the claims the work is assk



41P11SE0017 2.15442 MACMURCHY

900

Recorded Holder(s) Jim WHELAN, Client No. 208114, Address 114 MAIN ST. KIRKLAND LAKE ONTARIO, Telephone No. 705-568 8160, Mining Division LAUREL LAKE, Township/Area MALMURCHY, M or G Plan No. 6 988, Dates Work Performed From: JAN 1 1994 To: JAN 25 1994

Work Performed (Check One Work Group Only)

Table with 2 columns: Work Group, Type. Includes categories like Geotechnical Survey, Physical Work, Rehabilitation, Other Authorized Work, Assays, Assignment from Reserve. Type includes LINECUTTING MAGNETIC + VLF-EM SURVEYS.

Total Assessment Work Claimed on the Attached Statement of Costs \$ 597

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)

Table with 2 columns: Name, Address. Entry: Jim WHELAN, 114 MAIN ST. KIRKLAND LAKE 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: APRIL 24/94, Recorded Holder or Agent (Signature): [Signature]

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: Jim WHELAN, 114 MAIN ST. KIRKLAND LAKE ONT. Telephone No. 705-568 8160, Date: APRIL 24/94, Certified By (Signature): [Signature]

For Office Use Only

Form for office use with fields: Total Value Cr. Recorded (\$597), Date Recorded (Apr. 25/94), Mining Recorder (Signature), Received Stamp (APR 25 1994), Date Approved (Signature), Date Notice for Amendments Sent (July 24/94).





Ministry of  
Northern Development  
and Mines

Ontario

**GAS**

# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
**W9490 00204**

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, 150 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

**2.15442**

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) <b>Jim WHELAN</b>		Client No. <b>208114</b>
Address <b>114 MAIN ST. KIRKLAND LANE ONT-</b>		Telephone No. <b>705-5688160</b>
Mining Division <b>LARDEE LAKE</b>	Township/Area <b>MACMURRAY</b>	M or G Plan No. <b>6 988</b>
Date Work Performed From: <b>OCT 31/93</b>	To: <b>JAN 25 1994</b>	

**Work Performed (Check One Work Group Only)**

Work Group	Type
Geotechnical Survey	<b>LINECUTTING, MAGNETIC + U.F.-EM SURVEYS</b>
Physical Work, including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 2220<sup>00</sup>

**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
<b>Jim WHELAN</b>	<b>114 MAIN ST. KIRKLAND LANE ONT-</b>

(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 <b>APRIL 24/94</b>	Recorded Holder or Agent (Signature) 
--	----------------------------	--

**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 <b>Jim WHELAN 114 MAIN ST. KIRKLAND LANE ONT.</b>		
Telephone No. <b>705-568-8160</b>	Date <b>APRIL 24/94</b>	Certified By (Signature) 

**For Office Use Only**

Total Value Cr. Recorded <b>Applied \$1636</b>	Date Recorded <b>Apr 25/94</b>	Mining Recorder 	Received Stamp <b>RECEIVED APR 25 PM 3 52 DIVISION</b>
<b>Reserve \$584.</b>	Decided Approval Date <b>July 24/94</b>	Date Approved 	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1186375	1
	1200322	1
	1200323	2
	1186376	1
	1186201	1
Total Number of Claims		5

Value of Assessment on this Claim	Value Applied to the Claim	
555	400.00	
555	18.00	
1110	418.00	
0	400.00	
0	400.00	
Total Value Work Done		2220
Total Value Work Applied		1636

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date	
155		
537		
475		
108		
490	584	
Total Assigned From		800
Total Reserve		584

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

**Note 1:** Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

**Note 2:** If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------

**STATEMENT OF COSTS**  
**Linecutting and Geophysical Surveys**  
**Macmurchy Township, Knox Group**

Linecutting: 3.7 miles @ 400.00/mile	\$1480.00
VLF-EM Survey 3.7 miles @ 100.00/mile	\$370.00
Magnetic Survey 3.7 miles @ 100.00/mile	\$370.00
<b>Total</b>	<b>\$2220.00</b>

**Jim Whelan**  
**04/24/94**

**STATEMENT OF COSTS**  
**Linecutting and Geophysical Surveys**  
**Macmurchy Project, Violet Lake Claim**

Linecutting: 1.03 miles @400.00/mile	\$412.00
Magnetic Survey 1.03 miles @ 100.mile	\$103.00
VLF-EM Survey .82 miles @ 100.00/mile	\$82.00
<b>Total</b>	<b>\$597.00</b>



**Jim Whelan**  
**04/24/94**



Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Geoscience Approvals Section  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

July 15, 1994

Our File: 2.15442  
Transaction #: W9480.00203  
.00204

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

Dear Sir/Madam:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS  
L.1186200 ET AL IN MACMURCHY TOWNSHIP**

---

Assessment work credits have been approved as outlined on the original work report form for the submission. The credits have been approved under Section 14, Geophysics (Magnetic and VLF) of the Mining Act Regulations.

The approval date is July 15, 1994.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,

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

*lj/lj*

cc: Resident Geologist  
Cobalt, Ontario

Assessment Files Library ✓  
Sudbury, Ontario

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
M.R.O. - MINING RIGHTS ONLY				
S.R.O. - SURFACE RIGHTS ONLY				
M.+S. - MINING AND SURFACE RIGHTS				
SEC 43/70	W 66/77	NOV18/78	S.R.O.	118517
SEC 36/80	W-L2-80NER	APR 3/80	M+S	

Part of order W-L2-80 NER REOPENED by order O-ONT-06/82 NERICR effective March 16 1982 at 4:45 pm E.S.T.

Part of order W-L2-80 NER REOPENED by order O-ONT-07/82 NERICR dated March 23 1982 at 8:45 am E.S.T. This Order comes into effect at 7:00 AM E.S.T. on JUNE 1, 1982.

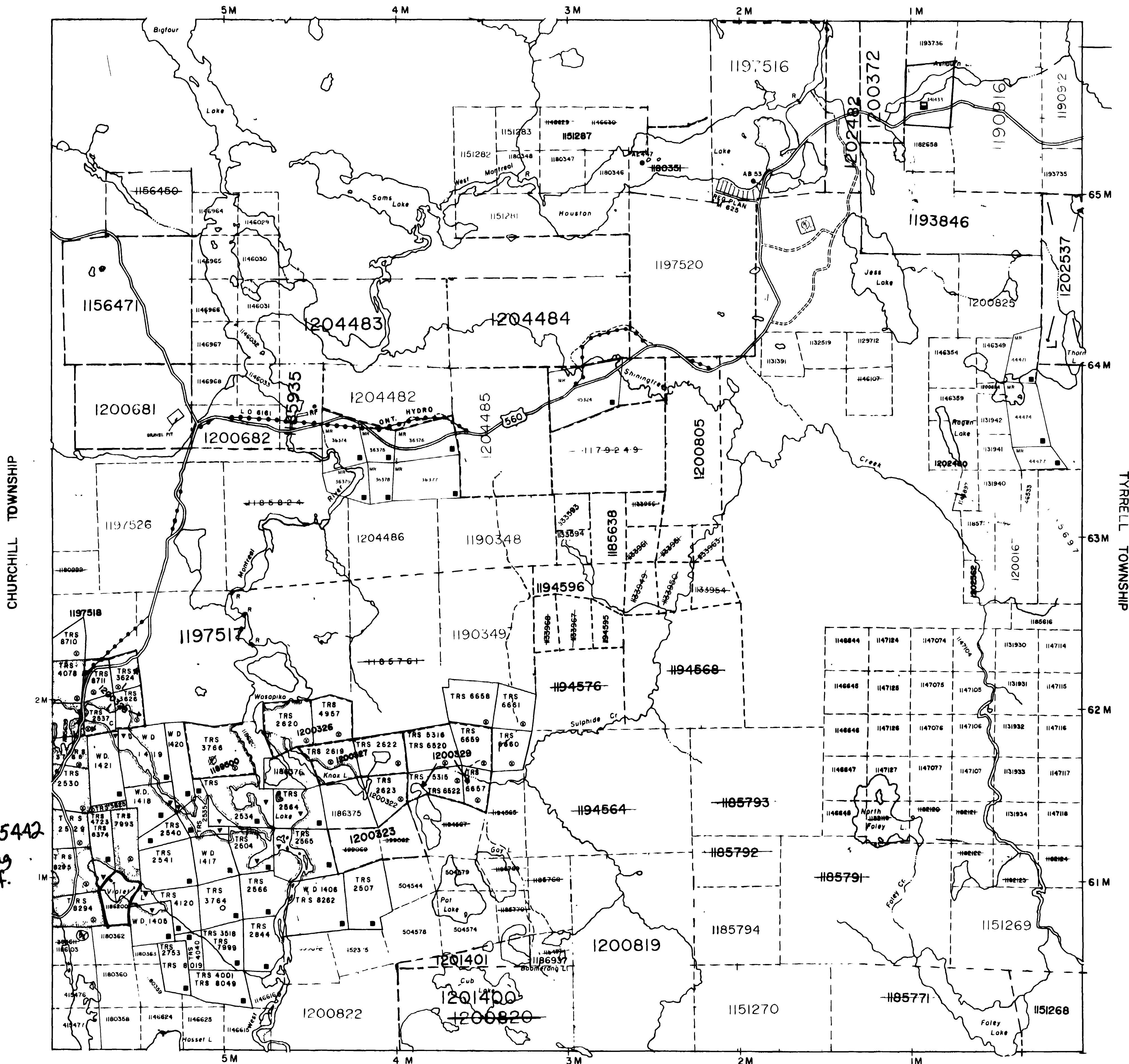
NOTES

NOTICE OF FORESTRY ACTIVITY  
THIS TOWNSHIP/AREA FALLS WITHIN THE SHININGTREE MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT

P.O. BOX 189  
LOW AVENUE  
GOGAMA, ONTARIO,  
P0M-1W0  
705-884-8000

2.15442  
mag  
vif.

NATAL TOWNSHIP



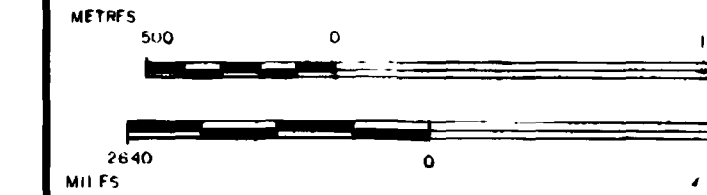
LEGEND

HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES ETC	
LOTS, MINING CLAIMS PARCELS ETC	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
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	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	
400' SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS	

SCALE - 1:20000



NOTES

MINING LEASES SHOWN WITH THIS SYMBOL HAVE BEEN TERMINATED BUT NOT THROWN OPEN TO THE PUBLIC

1WP OPENED TO STAKING ORDER MLOI-90 EFFECTIVE APRIL 3/90 AT 7:00 AM EST

GEOLOGY REFERENCE - COBALT RESIDENT GEOLOGIST

DATE OF PLAN

APR 26 1994

PREPARED BY

MNR/COBALT/ST/1

CIRCULATED JAN 30/92

TOWNSHIP  
**MACMURCHY**  
MNR ADMINISTRATIVE DISTRICT  
**GOGAMA**  
MINING DIVISION  
**LARDER LAKE**  
LAND TITLES / REGISTRY DIVISION  
**SUDBURY**

Ministry of Natural Resources Ontario  
Ministry of Northern Development and Mines

Date APRIL 1990  
Number **G-988**



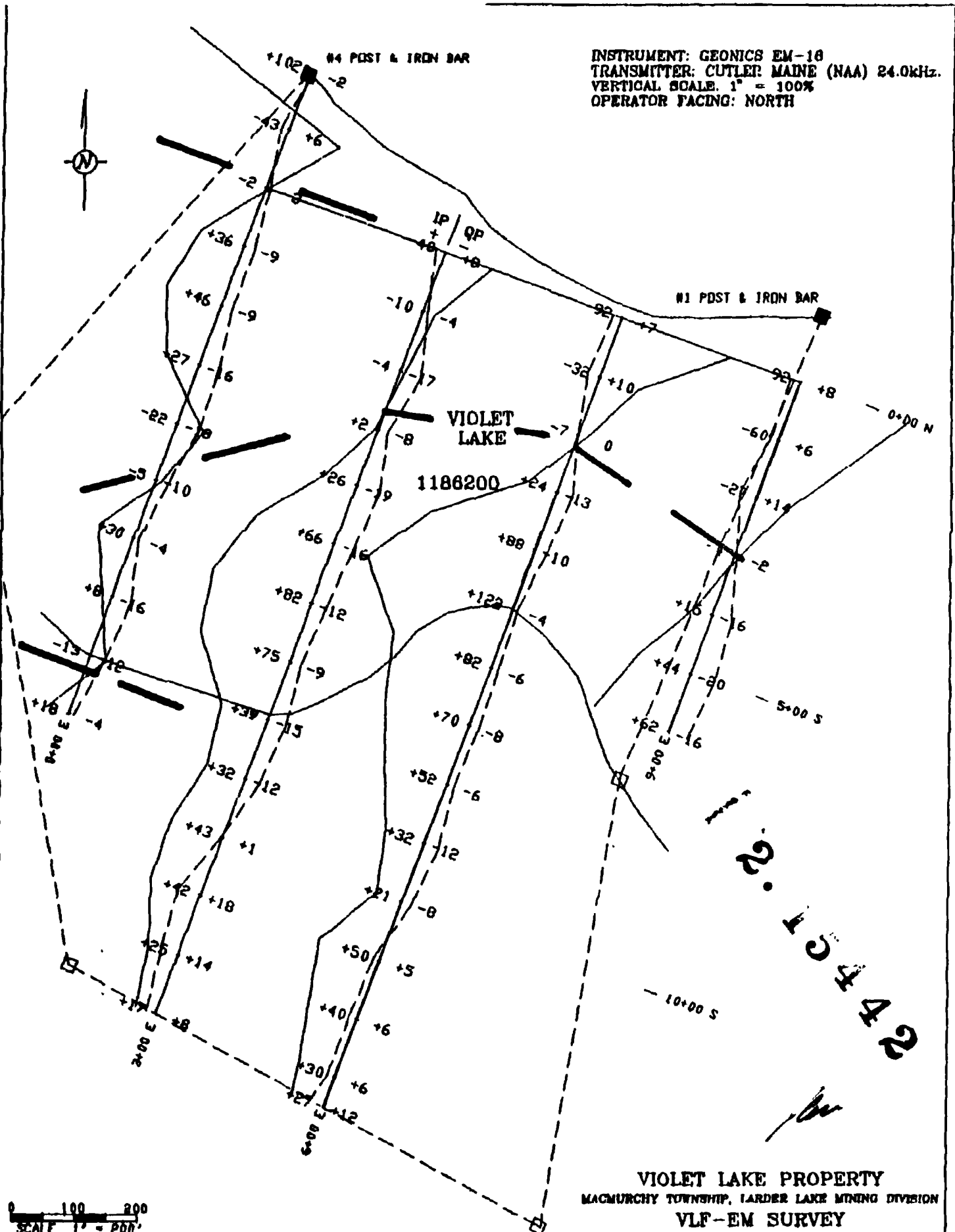
COPY OF THIS PLAN ARCHIVED DEC 17, 1993.

FAWCETT TOWNSHIP





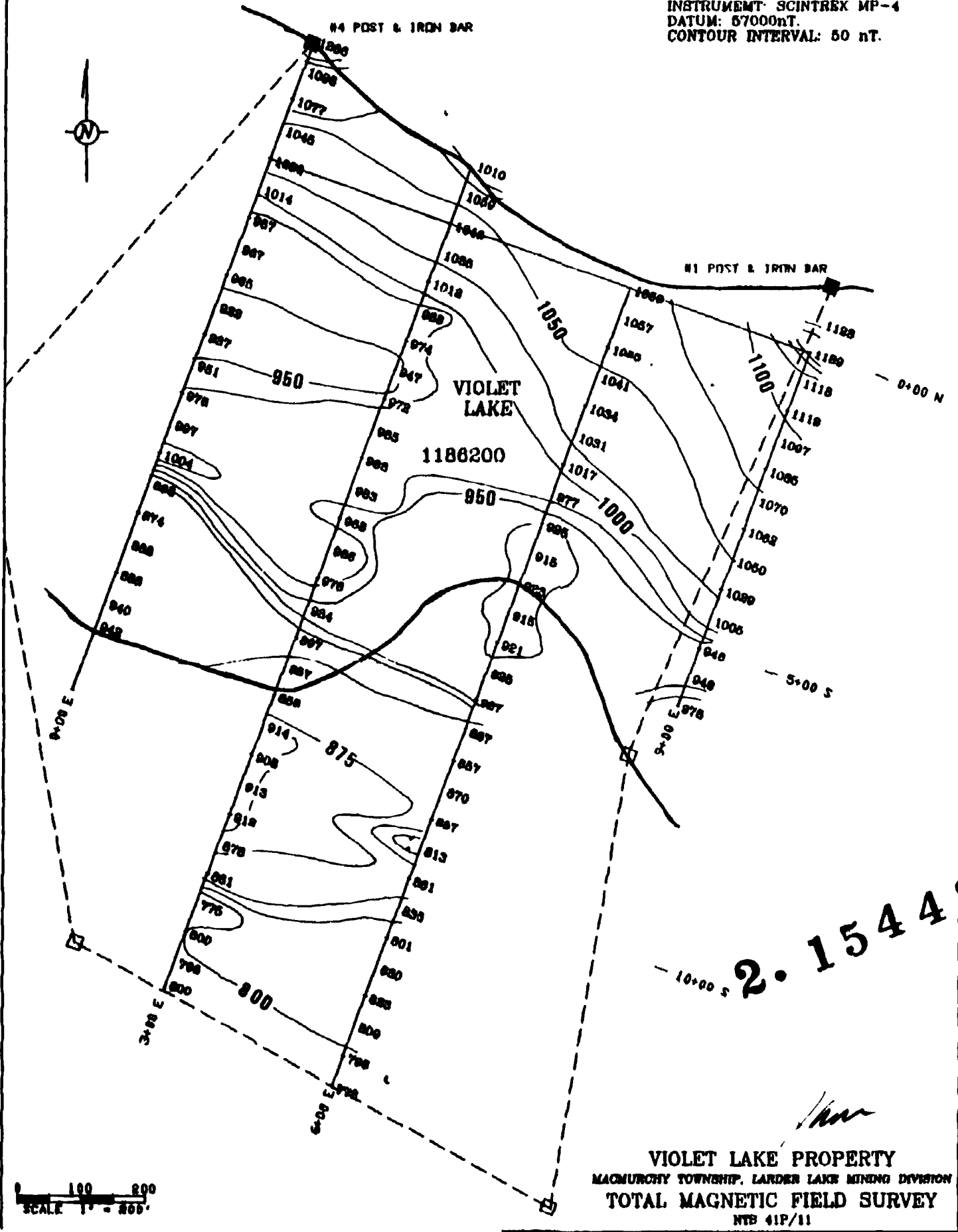
INSTRUMENT: GEONICS EM-18  
TRANSMITTER: CUTLER MAINE (NAA) 24.0kHz.  
VERTICAL SCALE: 1" = 100%  
OPERATOR FACING: NORTH



VIOLET LAKE PROPERTY  
MACMURCHY TOWNSHIP, LARDER LAKE MINING DIVISION  
VLF-EM SURVEY

INSTRUMENT: SCINTREX MP-4  
DATUM: 57000nT.  
CONTOUR INTERVAL: 50 nT.

N4 POST & IRON BAR

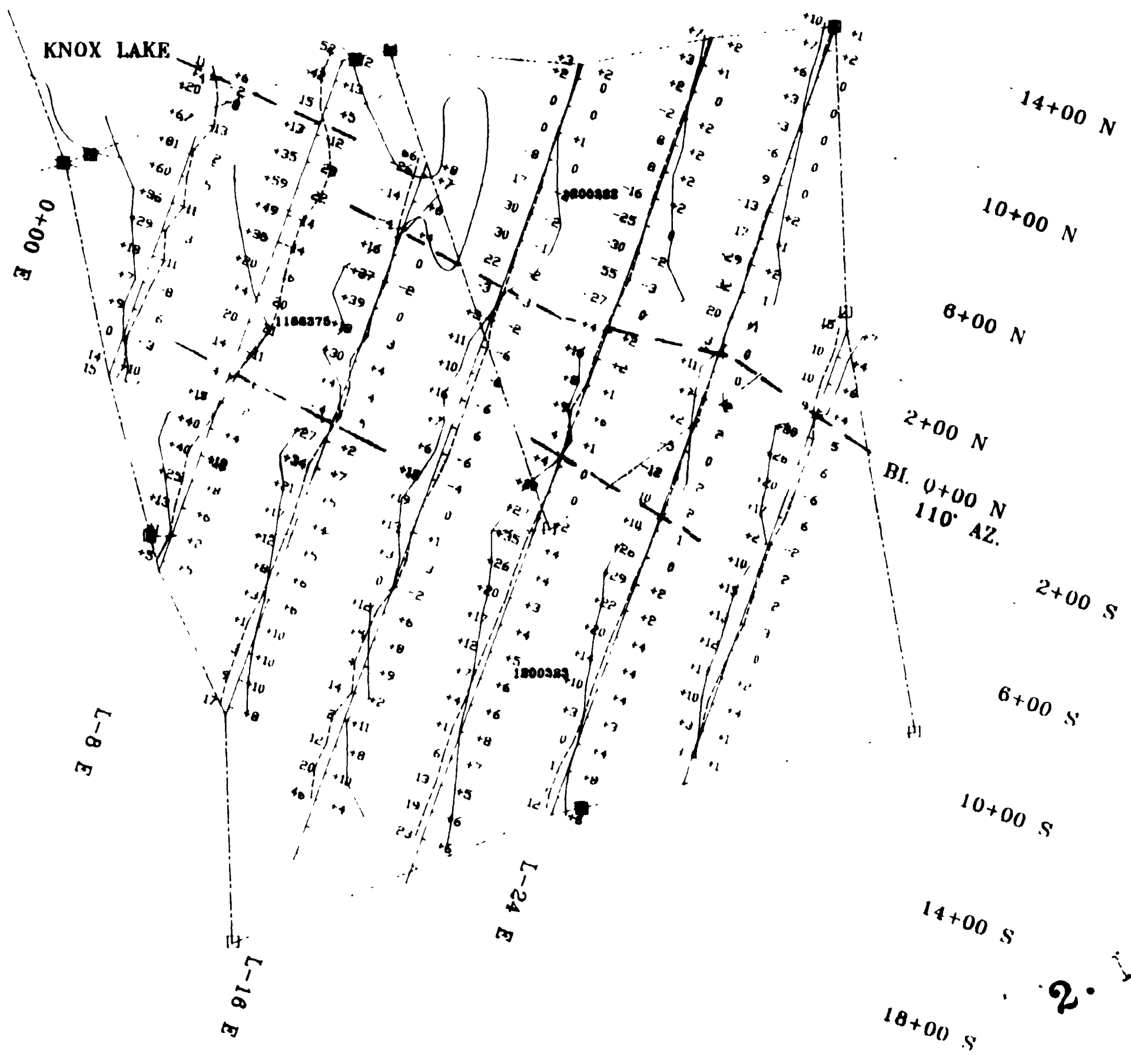
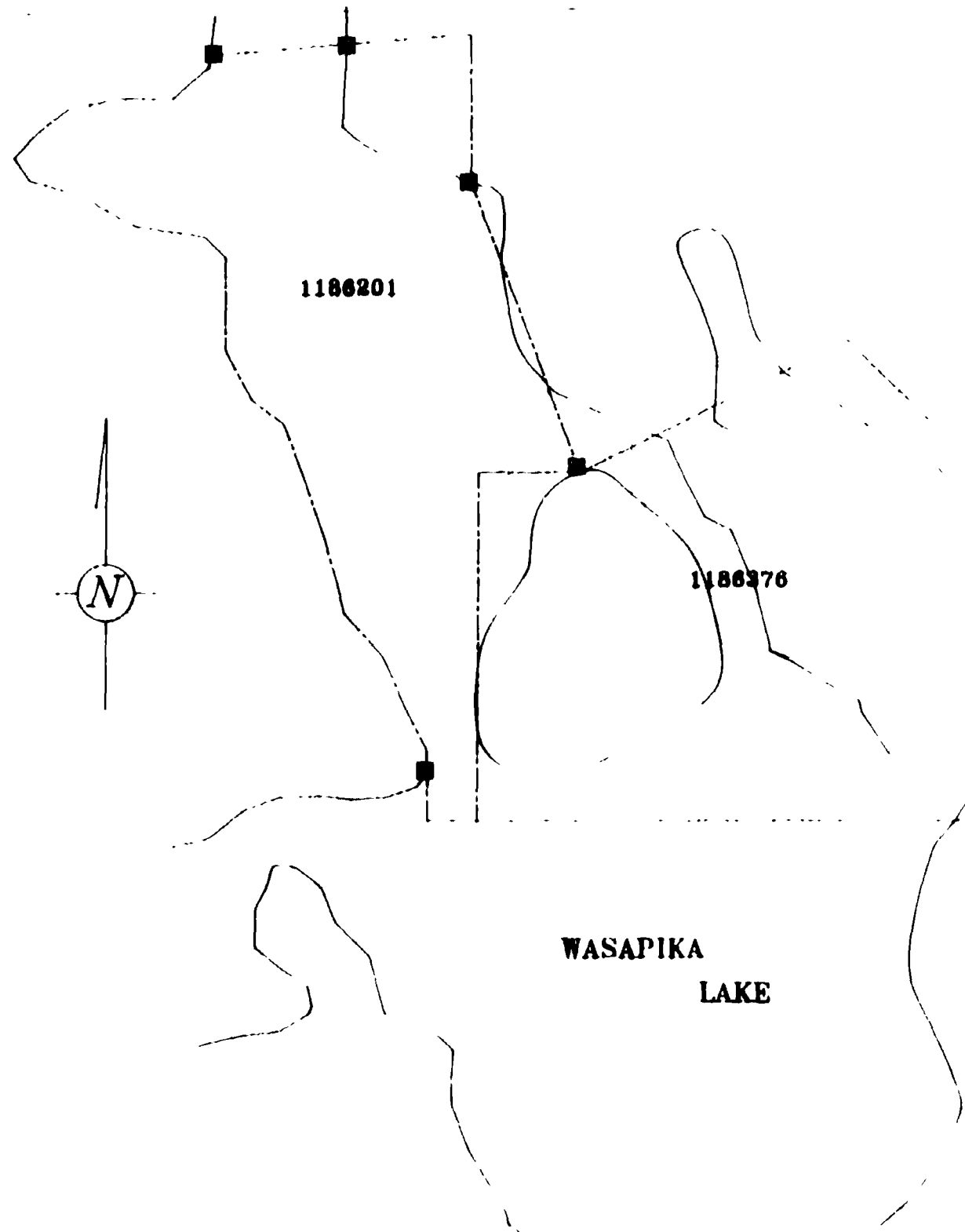


100 200  
SCALE 1" = 200'

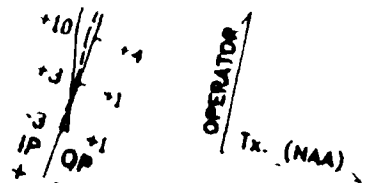
VIOLET LAKE PROPERTY  
MACMURCHY TOWNSHIP, LARDER LAKE MINING DIVISION  
TOTAL MAGNETIC FIELD SURVEY  
NTB 41P/11



LOCATION PLAN	
CHURCHILL	MACMURCHY
SHINDIG TREE	
ASQUITH	FAUCEIT



INSTRUMENT: GEONICS EM-16  
 TRANSMITTER: CUTLER MAINE  
 FREQUENCY: 24.0 kHz  
 VERTICAL SCALE: 1" = 100'  
 INPHASE: \_\_\_\_\_  
 QUADPHASE: \_\_\_\_\_



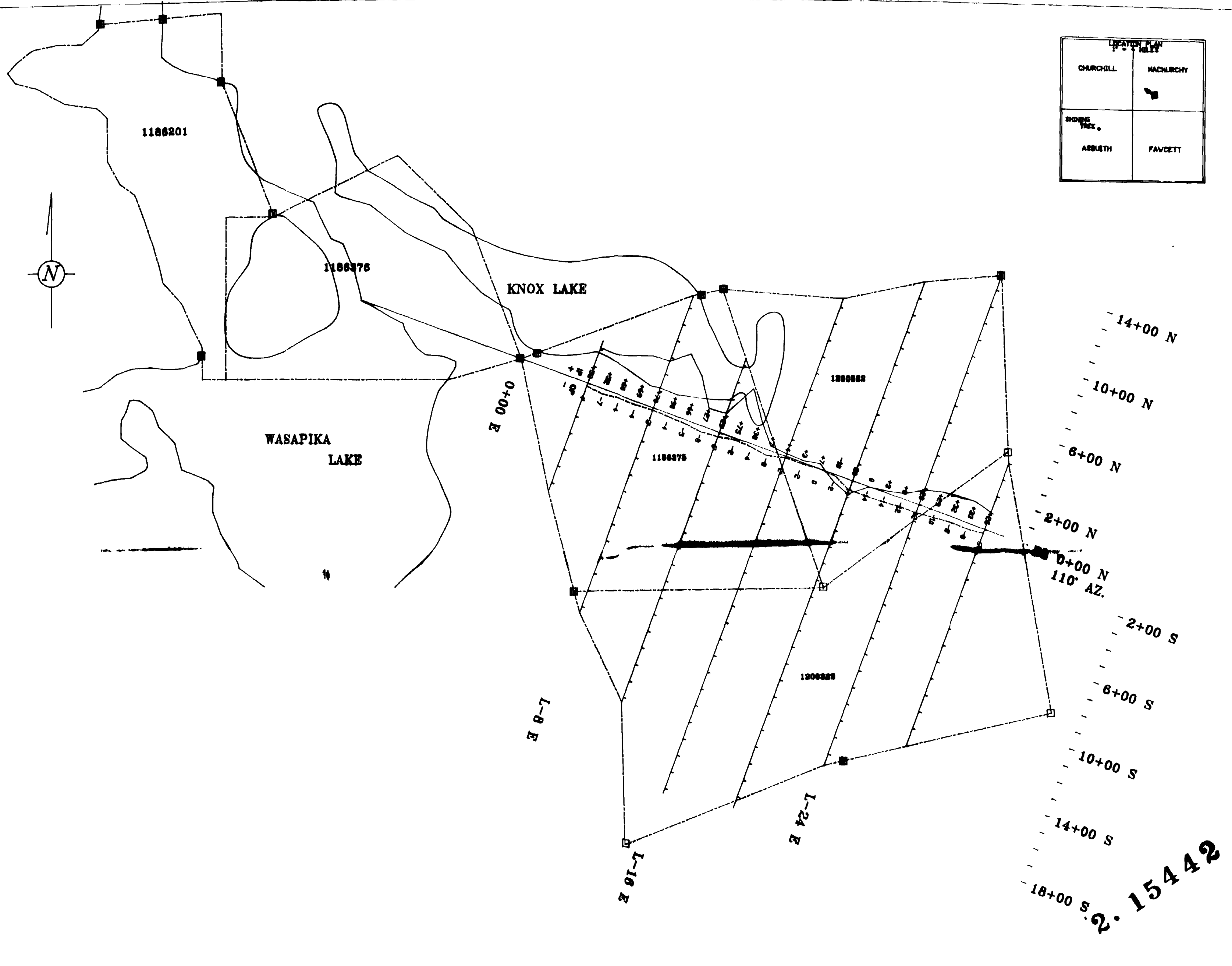
**MACMURCHY PROJECT, KNOX GROUP**  
 MACMURCHY TOWNSHIP, LARDER LAKE MINING DIVISION ONTARIO, NTS 41P/11  
 VLF-EM SURVEY (NAA)

0 300 600  
 SCALE 1" = 400'

2-13442



LOCATION PLAN	
CHURCHILL	MACMURCHY
SHANE TREE	ASBLATH
	FAWCETT



INSTRUMENT: GEONICS EM-16  
 TRANSMITTER: ANNAPOLIS MARYLAND  
 FREQUENCY: 21.4 kHz.  
 VERTICAL SCALE: 1" 100%  
 INPHASE: \_\_\_\_\_  
 QUADPHASE: \_\_\_\_\_

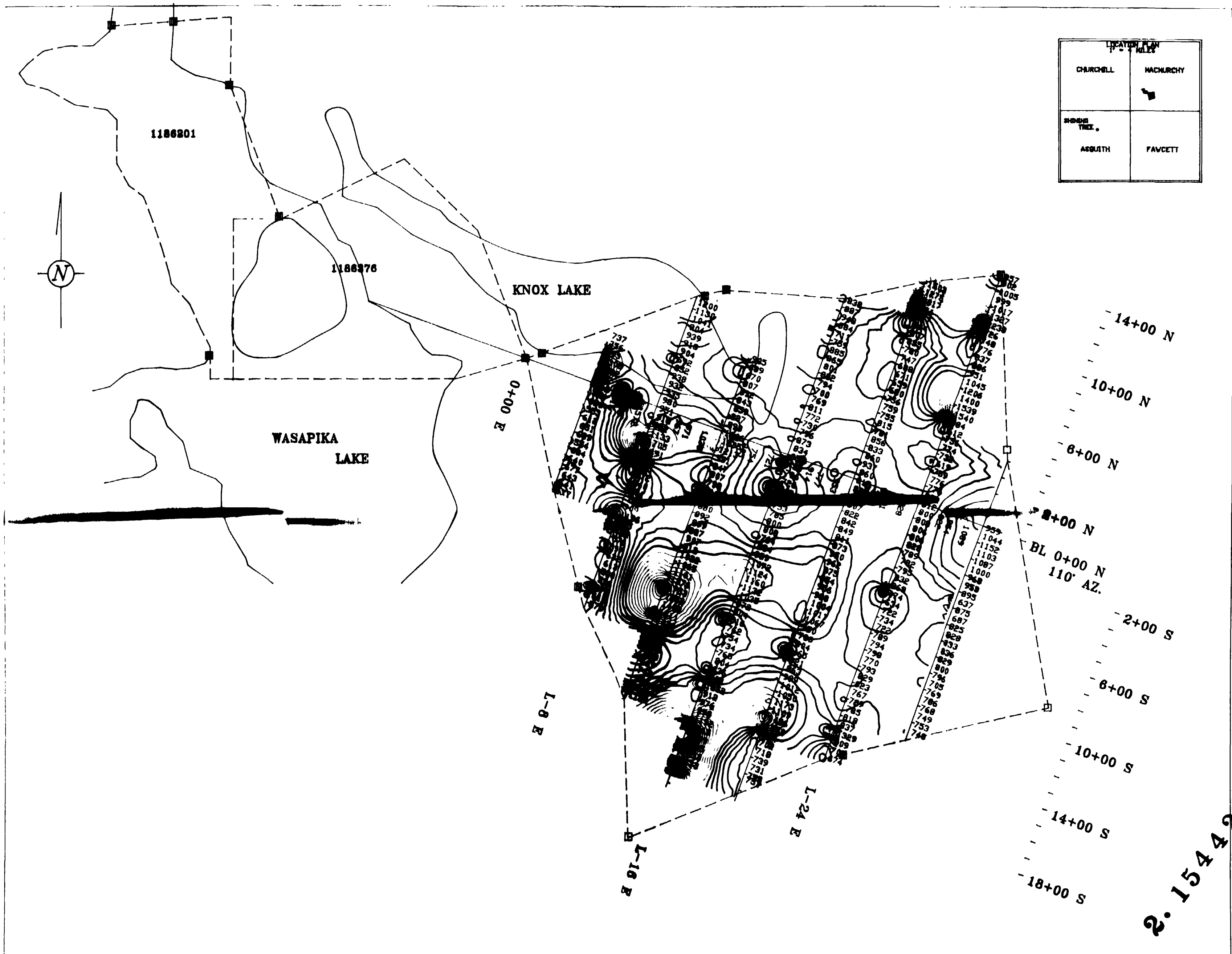
OPERATOR  
 T. (M.A.)

MACMURCHY PROJECT, KNOX GROUP  
 MACMURCHY TOWNSHIP, LARDER LAKE MINING DIVISION ONTARIO, NTS 41P/11  
 VLF-EM SURVEY (NSS)

0 300 600'  
 SCALE 1" = 400'



41P115E0017 2 15442 MACMURCHY



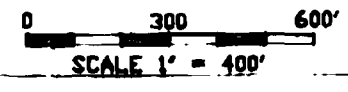
LOCATION PLAN	
CHURCHILL	MACMURCHY
SHIBSIS TREC.	
ASBUTH	FAWCETT

INSTRUMENTATION: SCINTREX 105-2/MP4  
 SCINTREX MP4  
 BASE VALUE: 58000 nT.  
 BASE STATION AT: 0+20 S, 27+75 E  
 DATUM: 57000 nT.  
 CONTOUR INTERVAL: 0 to 500 50 nT.  
 550 to 1000 50 nT.  
 1050 to 1500 50 nT.  
 1550 to 2000 50 nT.

**MACMURCHY PROJECT, KNOX GROUP**

MACMURCHY TOWNSHIP, LARDER LAKE MINING DIVISION ONTARIO, NTS 41P/11

**TOTAL MAGNETIC FIELD SURVEY**



*[Handwritten signature]*

