



52P09SE0011 2.8779 RICH LAKE

010

REPORT

ON

1985 FIELD WORK

ON

MINING CLAIMS

TB-651376, TB-651377, TB-6151378

TB-651379, TB-740028 and TB-740029

AREA OF RICH LAKE

THUNDER BAY MINING DIVISION

ONTARIO

RECEIVED

JAN - 3 1986

MINING LANDS SECTION

TORONTO, ONTARIO

John E. Londry, P.Eng.

December 5, 1985.

Final
2.1509



52P09SE0011 2.8779 RICH LAKE

010C

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In Pocket

Plan of magnetometer survey on claims TB-740028 & TB-740029.

Plan of VLF - EM survey on claims TB-740028 & TB-740029.

PROPERTY

The property consists of a contiguous group of six (6) unpatented mining claims. They comprise an area of about forty (40) acres each; making a total area of approximately two hundred and forty (240) acres.

The claims are recorded in the Thunder Bay office of the Ministry of Natural Resources under the following numbers:

TB - 651376

TB - 651377

TB - 651378

TB - 651379

TB - 740028

TB - 740029

LOCATION AND ACCESS

The property is located in the area of Rich Lake and in the mining division of Thunder Bay. The nearest community is the Indian village of Fort Hope on the Albany River about five miles to the southeast. Fort Hope is 114 miles from the float plane base at Nakina, which is situated on the main line of the C.N. Railway.

The property may be reached by charter float plane from Nakina to Rond Lake whose south shore is about a mile north of the property.

Also, daily scheduled flights by Austin Airways may be taken from GERALTON to Fort Hope where a boat may be rented locally to reach the property.

HISTORY

The property was first staked in July, 1927, by Lorne Howey and Associates. Shaft sinking was started in February, 1928, and by September had been put down to a depth of 100 feet where a level was established. During the summer of 1928, extensive prospecting was done on the surface and one vein was opened up east of the shaft for a distance of 575 feet, which upon systematic assaying yielded an average value of about 1.0 oz. gold per ton over an average width of 34½ inches.

No further work was done from 1928 to 1935, when the property was taken over by the Fort Hope Consolidated Gold Mines, which carried out more exploration work until 1938.

The property was again dormant until 1946 when Golden Hope Mines Limited was incorporated to acquire the property. Golden Hope Mines did some diamond drilling and had some geophysical work done on the property, which recommended drilling an inferred cross-fault, but the work was not done.

The property was examined in 1958 and 1959, but was held by Golden Hope Mines until the latter part of the 1970's. The ground then came open and was staked by Lorne Dempster, who optioned it to George Ross of Toronto. Ross had some geophysical work done and then completed some

HISTORY (cont'd.)

diamond drilling, but the holes were drilled in other parts of the property than the shaft area.

The property came open again in 1982, and Lorne Dempster had four claims restaked in the shaft area. Subsequently, two more claims were staked on the east side of the original four, making a total of six claims. This report is concerned with the work on this claim group.

TOPOGRAPHY

Large areas of muskeg are located on the property. The higher ground is mostly covered with a mantle of boulder clay of varying thickness. The showings in the shaft area are on high ground about 50 feet above the surrounding muskeg.

GEOLOGY

The property lies in the Patricia District, near the edge of the Hudson Bay lowlands in the Canadian Shield and all the rocks are of precambrian age.

The northern part of the property is underlain by basic volcanic rocks. To the south, a mass of granite intrusive was mapped and it is believed that the extent of the intrusive is much more widespread than previously known.

GEOLOGY (cont'd)

The shaft area is underlain by medium and acid volcanics intruded by porphyry dikes which strike due east-west and dip steeply to the south. One of these with which gold is known to be associated, is six feet wide, strikes EW and dips 80° S. It has been traced 1,000 feet by trenching.

A large gabbro-diorite sill about 600 feet wide occurs about 900 feet south of the shaft.

1985 EXPLORATION PROGRAM

The work program for 1985 consisted of recutting and chaining a grid of about 1.9 miles of lines, followed by a magnetometer and VLF - EM survey on claims TB - 740028 and TB - 740029.

One diamond drill hole was also drilled near the north-east corner of claim TB - 651376.

The work took place between the dates of October 21 and October 31, 1985.

The crew consisted of the following persons:

John Londry,	Toronto, Ontario.
Mike Labchuk,	Duparquet, Quebec
Mansfield Gray,	Kirkland Lake, Ontario.
Tom Yellowhead,	Fort Hope, Ontario.
Norman Yellowhead,	Fort Hope, Ontario.

1985 EXPLORATION PROGRAM (cont'd)

The base-line is east-west and the north-south lines are spaced at 400 foot intervals.

MAGNETOMETER SURVEY

"After" established along the base-line.

The only anomalous magnetic area is a narrow, slightly elevated zone that extends diagonally (Northwest to Southeast) across claim TB - 740028. There are no rock outcrops in the area, but it is probable that this zone may indicate the presence of a dike carrying slightly increased magnetic properties.

VLF - EM SURVEY

The VLF - EM survey was carried out using a Crone Radem receiver tuned to the transmitter at Cutler, Maine. In-phase readings were taken at 100 foot intervals and are plotted as profiles on the accompanying map.

Most readings were somewhat noisy and did not give a definite indication of the presence of conductive zones resulting from the emplacement of sulphides. The readings are probably caused by near surface conductive overburden.

DIAMOND DRILL PROGRAM

One drill hole, located near the northeast corner of claim TB - 651376, is 235 feet west of the # 1 claim post and 10 feet south of the north boundary of the claim. The picket line coordinates at the collar of the hole are 1650 N. and 935 W.

The hole was drilled south at a- angle of 50° for 150 feet.

Some narrow quartz veins, as well as some low disseminated sulphides were encountered, and samples were taken to assay for gold values. The assay results are shown on the accompanying drill hole log.

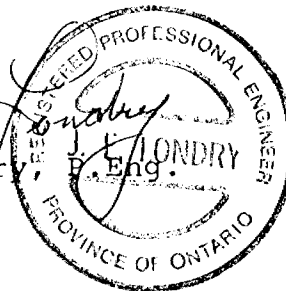
CONCLUSIONS AND RECOMMENDATIONS

The magnetic anomalies indicated on the property as a result of the 1984 and 1985 geophysical surveys, should be investigated by means of diamond drilling.

Respectfully submitted

TORONTO, ONTARIO

December 5, 1985

John E. Londry
John E. Londry, P. Eng.
A circular professional seal for John E. Londry, a Registered Professional Engineer in the Province of Ontario. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "LONDREY", "P. Eng.", and "PROVINCE OF ONTARIO".

C E R T I F I C A T E

I, John Emerson Londry, do hereby certify that:

1. I am a geological engineer residing at 77 Howard Street, PH3, Toronto, Ontario.
2. I am a member of the Association of Professional Engineers of Ontario.
3. I graduated from Queen's University at Kingston, Ontario, with a B.Sc. degree in Geology and Mineralogy in 1949.
4. I have been practising my profession continuously for the past 36 years.
5. I held a one fifth interest in the original six mining claims of this property until October 30, 1985. I now have no interest in the mining claims which are the subject of this report.
6. The accompanying report is based on knowledge gained from maps and reports published by the Ontario Ministry of Natural Resources, conversations with Earl Gagan, an engineer who worked on the property and from several personal visits to the property.

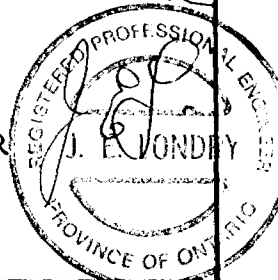
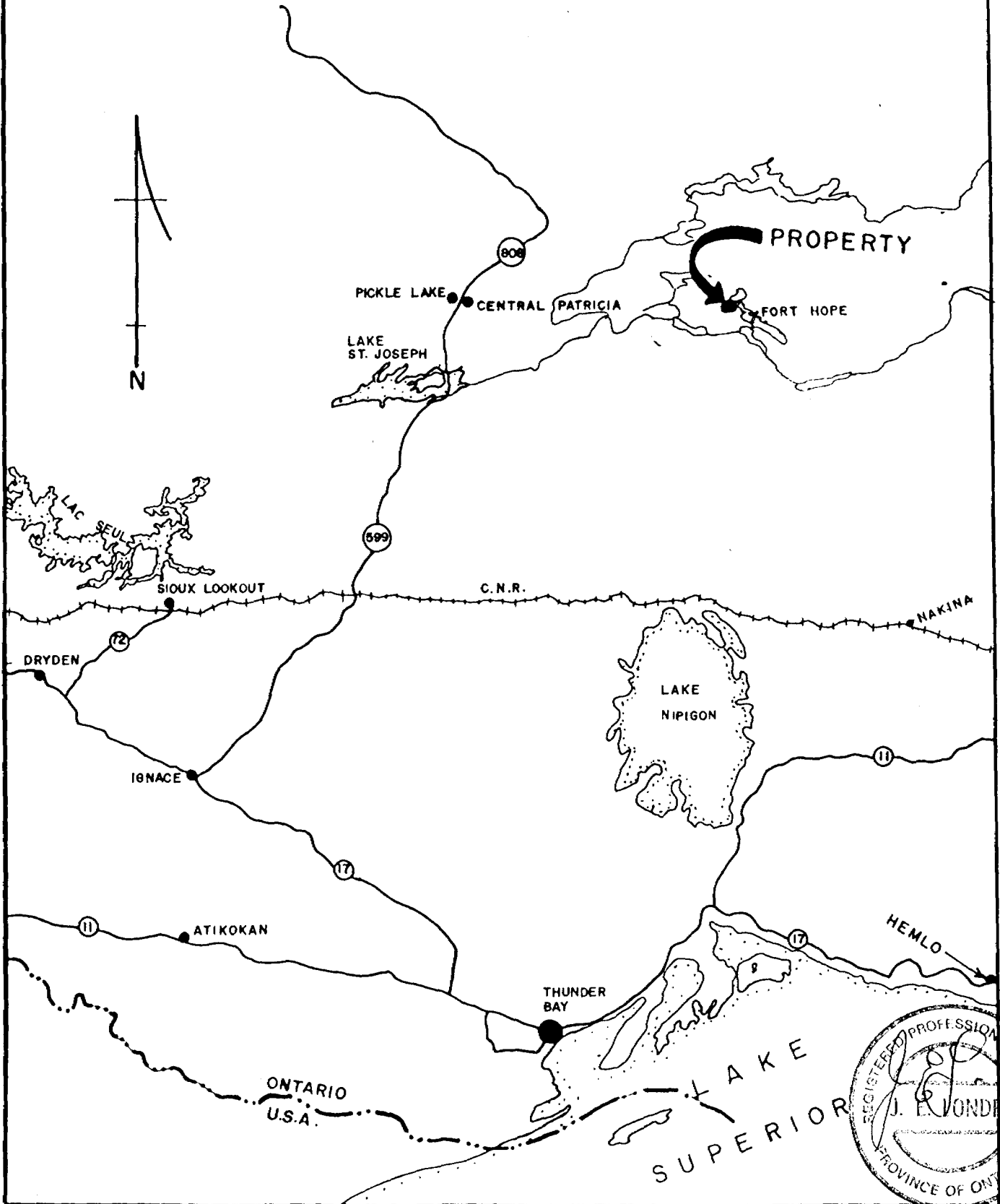
Toronto, Ontario
December 5, 1985.

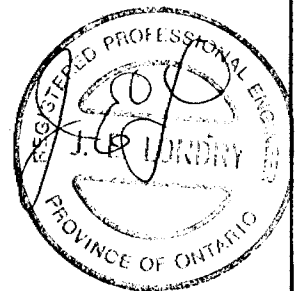
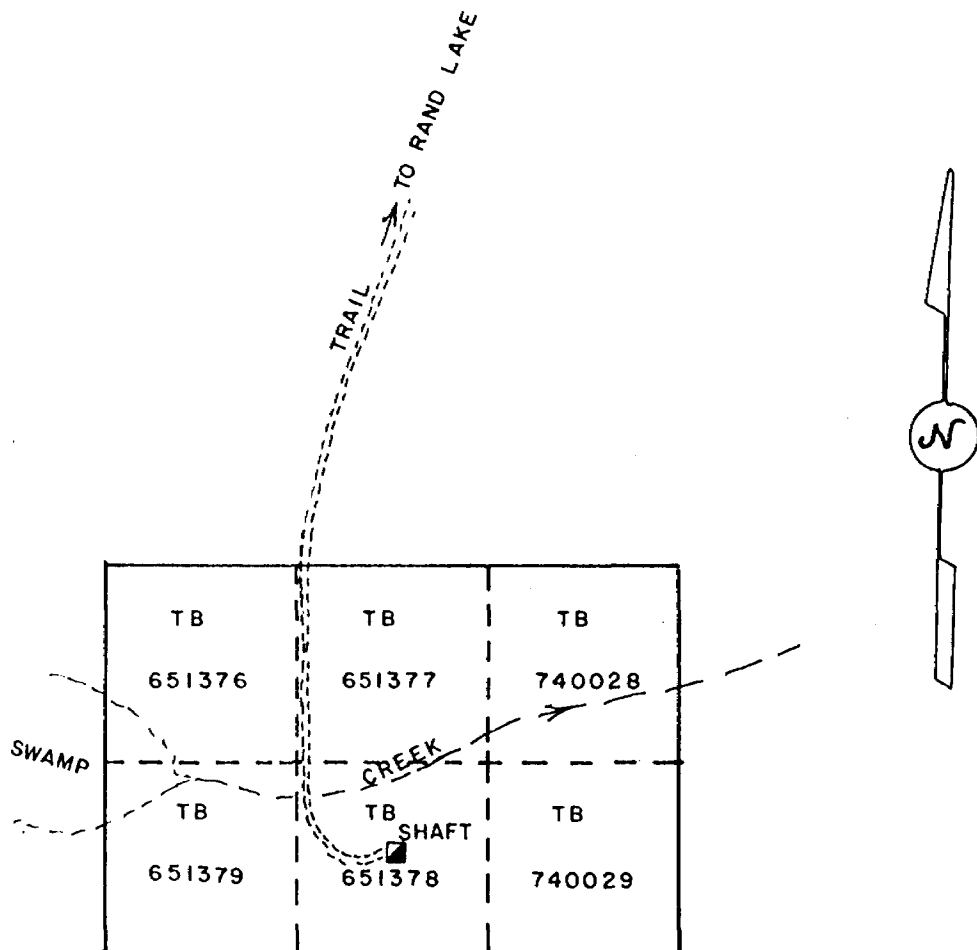
John E. Londry
John E. Londry P. Eng.



LOCATION MAP

SCALE: 1" = 39 MILES





PLAN SHOWING MINING CLAIMS
 FORT HOPE PROPERTY

AREA OF RICH LAKE

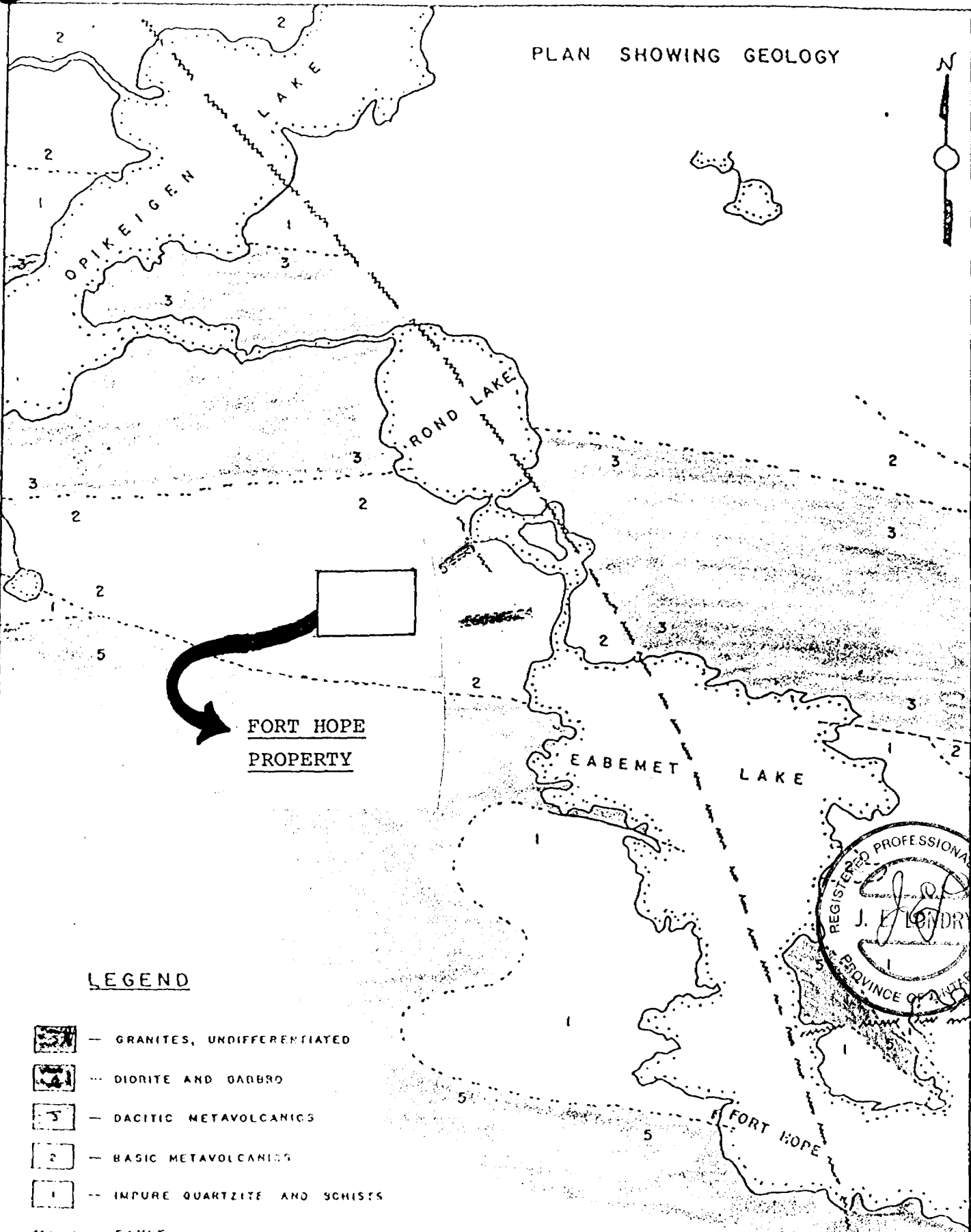
THUNDER BAY MINING DIVISION, ONTARIO

SCALE: 1" = 1/4 MILE

DECEMBER, 1985








J. E. LONDRY, P. ENG.

PLAN SHOWING GEOLOGY



FORT HOPE
PROPERTY

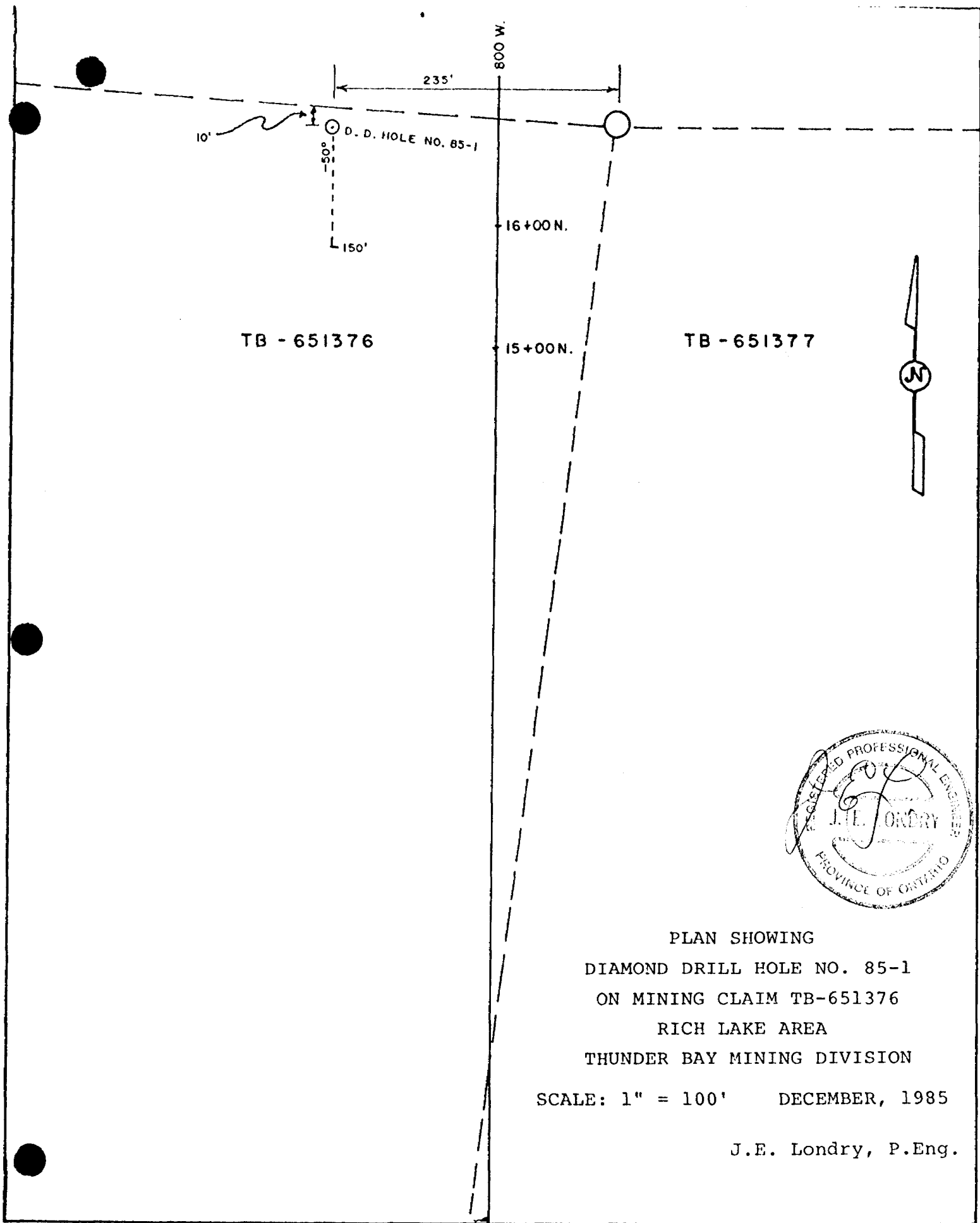
LEGEND

-  — GRANITES, UNDIFFERENTIATED
-  — DIORITE AND GABBRO
-  — DACITIC METAVOLCANICS
-  — BASIC METAVOLCANICS
-  — IMPURE QUARTZITE AND SCHISTS
-  — FAULT
-  — GEOLOGICAL CONTACT



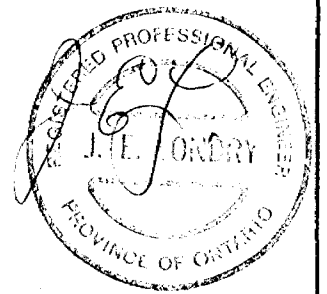
SCALE: 1" = 1 MILE

DECEMBER, 1985



TB - 651376

TB - 651377



PLAN SHOWING
DIAMOND DRILL HOLE NO. 85-1
ON MINING CLAIM TB-651376
RICH LAKE AREA
THUNDER BAY MINING DIVISION
SCALE: 1" = 100' DECEMBER, 1985
J.E. Londry, P.Eng.



ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 TELEPHONE (416) 239-3527

Certificate of Analysis

Certificate No. L0-10/ #4542 Date: November 25, 1985
Received Nov. 21/85 3 Samples of Rock
Submitted by Mr. J. Londry

Sample No.	Au oz/ton
3601	.001
3602	.002
3603	.002

ASSAYERS (ONTARIO) LIMITED

Per

J. van Engelen Mgr.

DIAMOND DRILL RECORD

NAME OF PROPERTY Rond Lake (Rich Lake Area)
 HOLE NO. 85-1 LENGTH 150'
 LOCATION claim #TB651376
 LATITUDE 16 + 75 N. DEPARTURE 9 + 35 W.
 ELEVATION _____ AZIMUTH 180° DIP - 50'
 STARTED Oct. 25/85 FINISHED Oct. 31/85

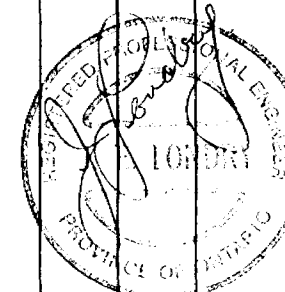
FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 1

REMARKS _____

LOGGED BY J.E. Londry

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	AU	
					FROM	TO			TOTAL	OZ/TON
0	3	Casing								
3	74.5	Andesite; fine grained, greyish black, few scattered quartz-carbonate seams: core broken up in places								
		12.5 - 13.0 - core missing (ground up)								
		23.0 - 23.8 - core badly broken up								
		23.8 - 25.0 - white quartz vein @ 45°								
		28.0 - 28.5 - broken core								
		28.5 - 29.0 - ground core (missing)	3601		23.75	25.0	1.25		0.001	
		30.5 - 31.6 - broken core								
		31.6 - 32.0 - ground core - missing								
		33.8 - 34.4 - broken core								
		49.2 - 49.8 - broken core								
		65.0 - 66.4 - white quartz vein; few large rock inclusions, vein contrasts irregular								
		71.65 - 73.35 - white quartz; few patches chlorite								
		74.2 - 74.6 - core missing								
74.6	75.0	Diorite, medium grained grey, core ground at contacts								
75.0	81.2	Andesite tuffaceous, banding @ 60°								
81.2	150	Diorite; dark grey, medium grained, massive, good core recovery, some fine grained gradational phases	3603		71.7	73.4	1.7		0.002	
		77.5 - 77.8 - white quartz	3602		81.5	85.0	3.5		0.002	
		End of hole at 150'								



LANGRIDDGES - TORONTO - 366-1168

FORM 1

#526



52P09SE0011 2.8779 RICH LAKE

900

File: 740028

(VLF)

Mining Act

- Do not use shaded areas below.

Type of Survey(s) ELECTROMAGNETIC & MAGNETOMETER Township or Area AREA OF RICH LAKE G-388
 Claim Holder(s) MIKE LABCHUK Prospector's Licence No. E 28571
 Address DUPARQUET, P.Q. JOZ #WO
 Survey Company JOHN E. LONDREY Date of Survey (from & to) 22 10 1985 Total Miles of line Cut 2.37
Day | Mo. | Yr. Day | Mo. | Yr.
 Name and Address of Author (of Geo Technical report)
JOHN E. LONDREY, 77 HOWARD ST., PH3, TORONTO, ONT. M4X 1J9

Credits Requested per Each Claim in Columns at right Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical		Days per Claim	Mining Claim			Mining Claim		
	Electromagnetic	Magnetometer		Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
For first survey: Enter 40 days. (This includes line cutting)			40	TB	740028	60			
For each additional survey: using the same grid: Enter 20 days (for each)			20		740029	60			
Man Days	Geophysical		Days per Claim						
Complete reverse side and enter total(s) here	Electromagnetic								
	Magnetometer								
	Radiometric								
	Other								
	Geological								
	Geochemical								
Airborne Credits			Days per Claim						
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic								
	Magnetometer								
	Radiometric								

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.

Total number of mining claims covered by this report of work. 2

Date NOV. 4, 1985 Recorder/Holder or Agent (Signature) John Londrey

For Office Use Only
 Total Days Cr. Recorded 120 Date Recorded November 5, 1985
 Mining Recorder Kudryk M. Hayes

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
John Londrey
77 HOWARD ST., PH3, TORONTO, ONT. M4X 1J9
 Date Certified Nov. 4, 1985 Certified by (Signature) John Londrey

Mining Lands Section

File No 28779

Control Sheet

TYPE OF SURVEY

- GEOPHYSICAL
- GEOLOGICAL
- GEOCHEMICAL
- EXPENDITURE

MINING LANDS COMMENTS:

< Rich K. >

699
LD

Dennis K.

Signature of Assessor

Jan. 17 / 86

Date

December 30, 1985

Report of Work: #526

Mike Labchuk
Duparquet, Quebec
JOZ 1W0

Dear Sir:

RE: Mining Claims TB 740028, & 29
in the Area of Rich Lake

I have not received the reports and maps (in duplicate)
for Geophysical (Electromagnetic & Magnetometer) Surveys
on the above-mentioned claims.

As the assessment "Report of Work" was recorded by the
Mining Recorder on November 5, 1985 the 60 day period
allowed by Section 77 of the Mining Act for the submission
of the technical reports and maps to this office will
expire on January 4, 1986.

If the material is not submitted to this office by January 4,
1986 I will have no alternative but to instruct the Mining
Recorder to delete the work credits from the claim record
sheets.

For further information, please contact Mr. Arthur Barr at
(416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

AB/mc
cc: Mining Recorder
Thunder Bay, Ontario

cc: John Londry
77 Howard Street
PH 3
Toronto, Ontario
M4X 1J9

Encl.

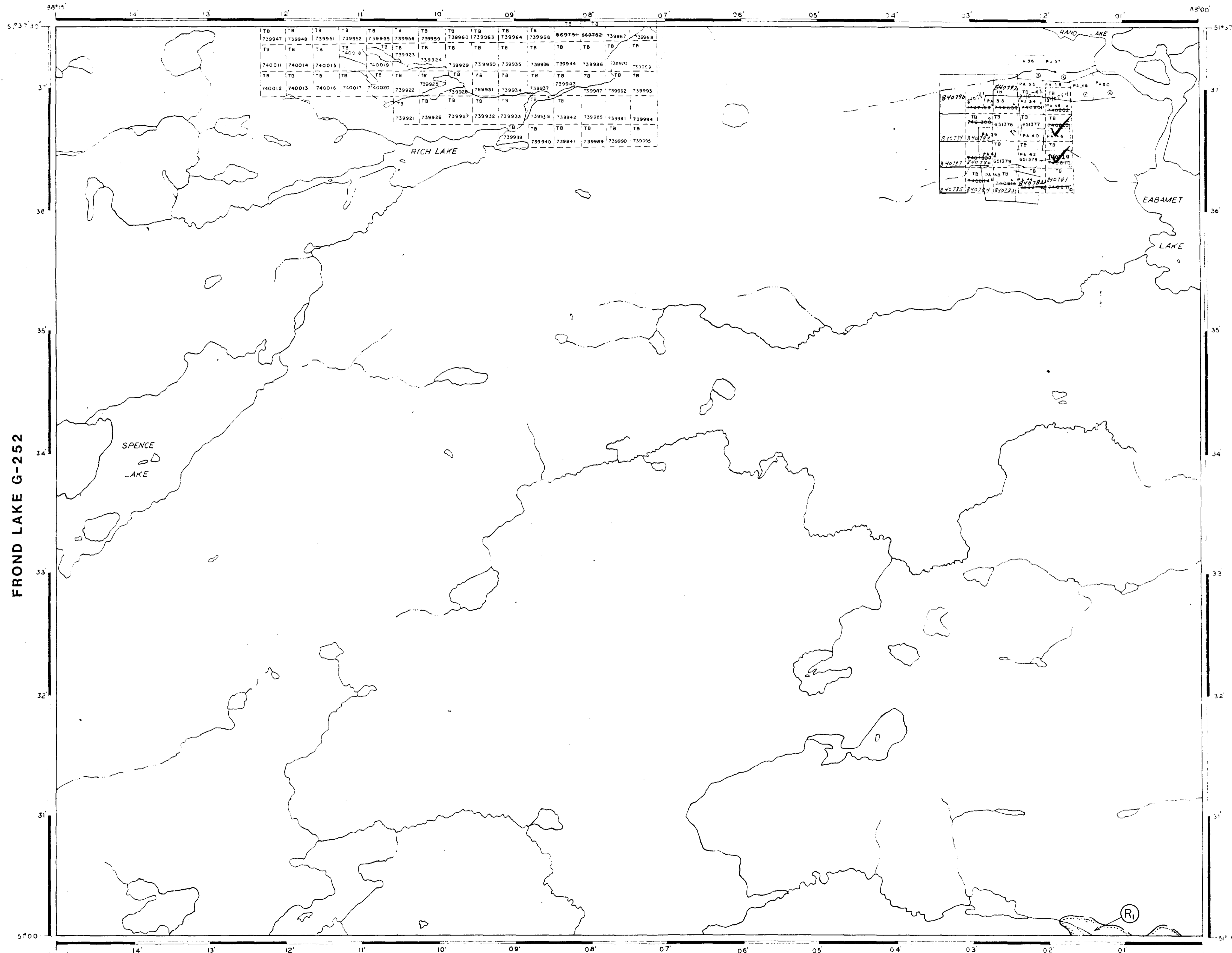
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
PARK RESERVE	#47/83	8/25/83	MRS	8856
DISPOSITION BY EXPLORATORY LICENCE OF OCCUPATION ONLY - APPLY TO MINING RECORDER				

OPIKEIGAN LAKE G-361



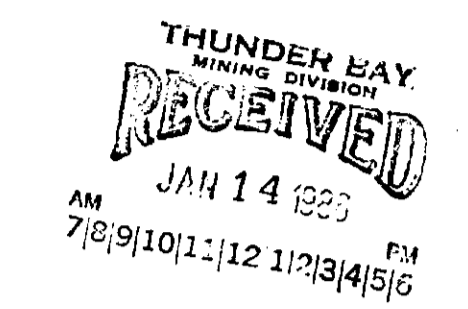
FROND LAKE G-252

RESERVE LAKE G-386

KAWITOS LAKE G-287



200



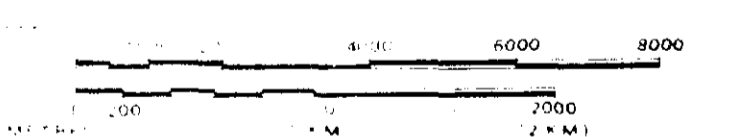
LEGEND

- | | |
|----------------------|--|
| HIGHWAY | |
| RAILROAD | |
| TRA | |
| SE | |
| DOWNSHORE RIGHTS ETC | |
| UPSHORE RIGHTS ETC | |
| UNSHARED RIGHTS | |
| RESERVATIONS | |
| ORIGINAL SHORELINE | |
| MARSH OR MUDFLAT | |
| MINES | |
| TRAVEL ROUTE | |

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	
LEASE SURFACE & MINING RIGHTS	
LEASE SURFACE RIGHTS ONLY	
LEASE MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
LEASE SURFACE RIGHTS ONLY	
LEASE MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
LEASE SURFACE RIGHTS ONLY	
LEASE MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
LEASE SURFACE RIGHTS ONLY	
LEASE MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
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LEASE SURFACE & MINING RIGHTS	
LEASE SURFACE RIGHTS ONLY	
LEASE MINING RIGHTS ONLY	

SCALE 1 INCH = 40 CHAINS



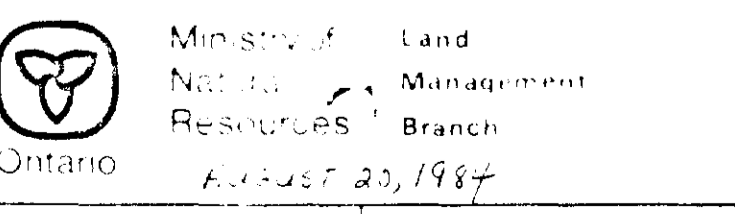
AREA

RICH LAKE

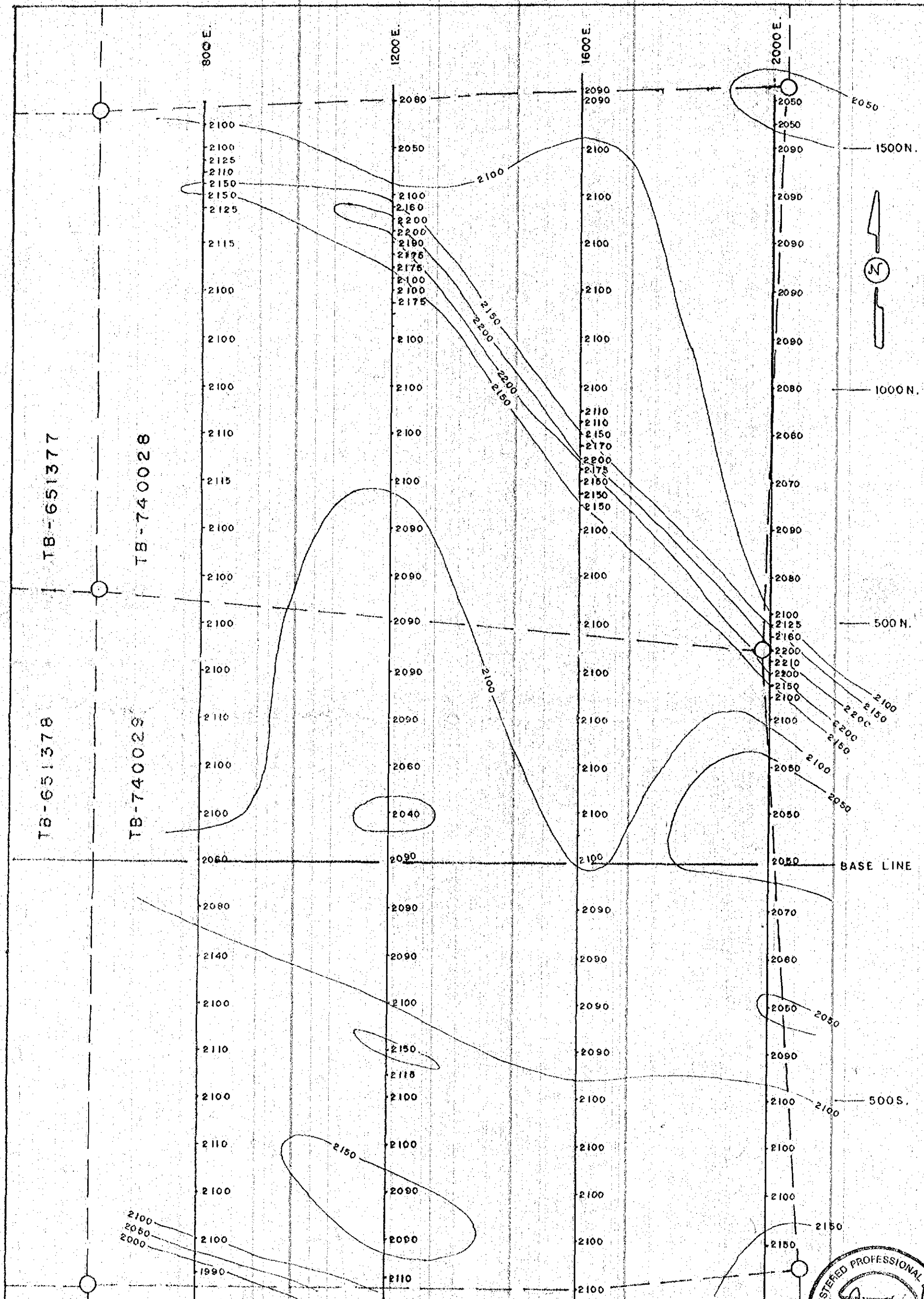
M.N.R. ADMINISTRATIVE DISTRICT
GERALDTON

MINING DIVISION
THUNDER BAY

LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA

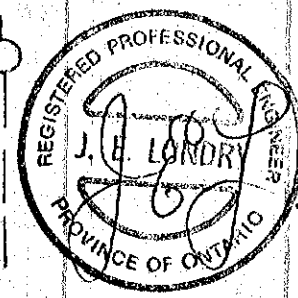


Date JULY 1981 Number G-388



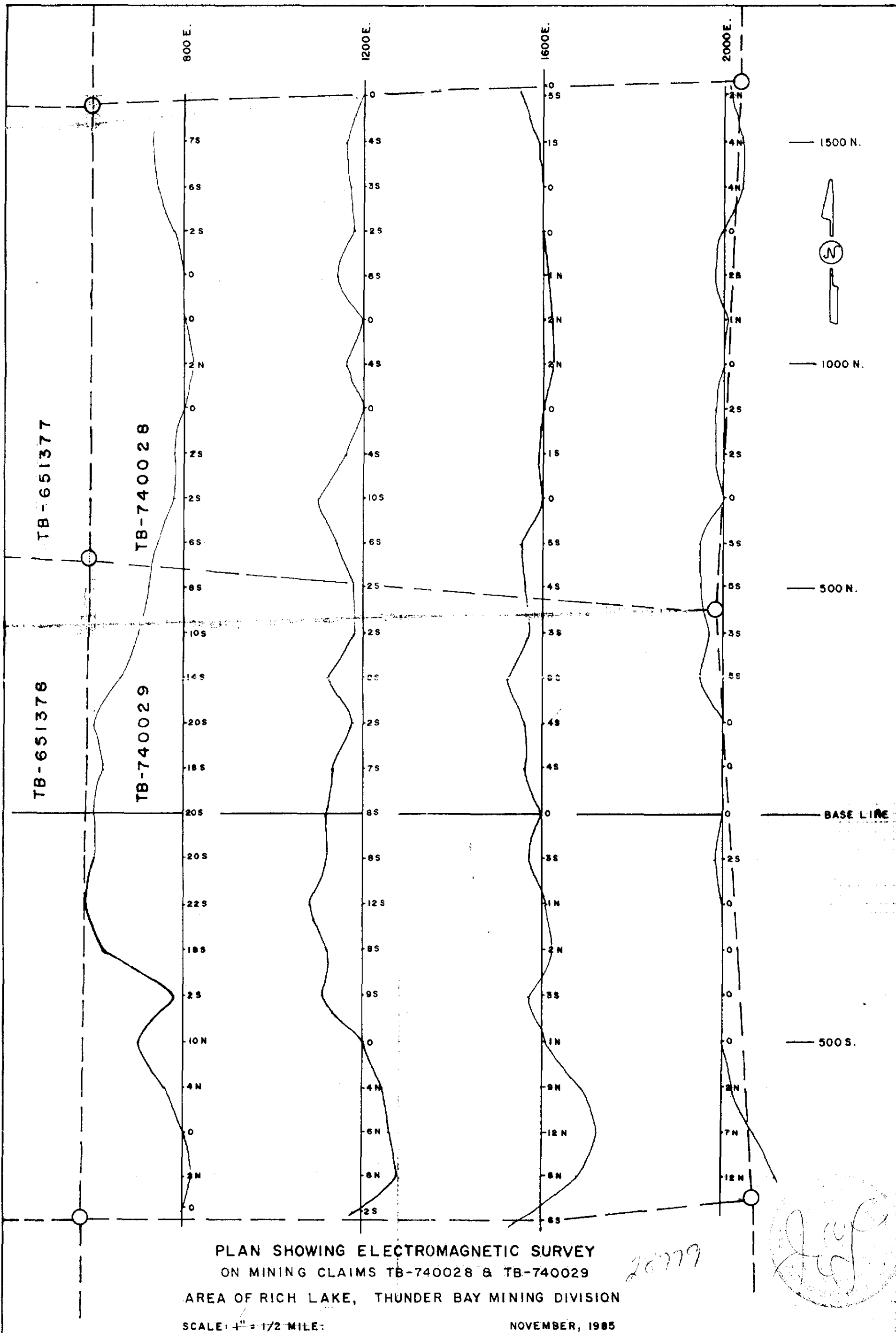
PLAN SHOWING MAGNETOMETER SURVEY
 ON MINING CLAIMS TB-740028 & TB-740029
 AREA OF RICH LAKE, THUNDER BAY MINING DIVISION
 SCALE: 1" = 1/2 MILE
 200 feet

2.8779



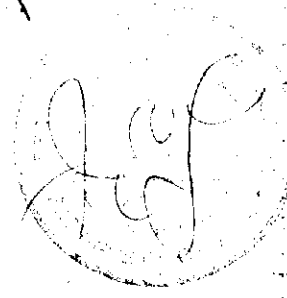
J.E. LONDROY, P. ENG.





PLAN SHOWING ELECTROMAGNETIC SURVEY
 ON MINING CLAIMS TB-740028 & TB-740029
 AREA OF RICH LAKE, THUNDER BAY MINING DIVISION
 SCALE: 1" = 1/2 MILE: NOVEMBER, 1985
 Profile Scale: 1" = 20'

26779



J.E. LONDY, P. ENG.

