



32D04SW0006 2.8700 MCVITTIE

010

REPORT ON
GEOLOGICAL AND MAGNETOMETER SURVEY
GAUTHIER AND MCVITTIE TOWNSHIPS, ONTARIO
by
R.A. MacGregor, P. Eng.
November 27, 1985

RECEIVED
DEC 04 1985
MINING LANDS SECTION

I. INTRODUCTION

Geological and Magnetometer surveys were carried out over cut lines on a group of claims in Gauthier and McVittie Townships, Ontario. The results are shown on the plans in the back pocket.

II. LOCATION, ACCESS AND OWNERSHIP

The claims are located in the south-east part of Gauthier Township along the east boundary with one claim in McVittie Township. There are eight claims numbered L736729 to 736732; L821910 and L821927 to 821928 recorded in the name of Lucien Lacasse, Box 231, Larder Lake, Ontario and L760496 recorded in the name of Daniel Lacasse, Larder Lake, Ontario.

Access to the property is by a road from Highway 66 about 2 miles west of Larder Lake which runs north along the east side of the Misema River crossing the one claim in McVittie Township. Access to the claims in Gauthier Township is obtained by crossing the river from this road.

III. PREVIOUS EXPLORATION

A number of pits and trenches were noted on the claims attesting to previous work. This work includes two old small size shafts or deep pits. Most of this work appears quite old, and there are no known records of it. Some diamond drilling and geophysical work is recorded for the northerly claims in the assessment files.

IV. TOPOGRAPHY

The property consists of low rocky rises with swampy and drift covered areas between. The most easterly claim consists of a high gravel ridge on the east side of the Misema River. The swampy and drift covered areas are covered by black spruce, black ash and poplar, while the higher areas are covered by white spruce, hazel bushes and scrubby poplars.

V. SURVEY PROCEDURE

Lines were cut along the boundary lines of the claims, chained and picketed at 100-foot intervals. Lines were then run every 400 feet east and west and flagged. Magnetometer readings were taken with a Sharpe MF-1 fluxgate magnetometer at 100-foot intervals. The looping method was used for control of variation. In this method a base station is selected, and readings taken along lines describing a loop, arriving back at the starting base station in less than two hours. A second loop is then started using either the same base station or another which is tied to the previous loop. Readings are then corrected for diurnal variation by assuming the time between readings is the same and distributing any variation equally among the intervening readings. No correction was applied less than the accuracy of the base station readings.

The geological survey was run by traversing all lines, shorelines and checking intervening areas for outcrop. Outcrops were examined and plotted on a 1" = 400' plan. Eight samples were taken and assayed for gold.

VI. GEOLOGY

McVittie Township was previously mapped by Jas. E. Thomson and a geological map published as Map No. 50 b. The general geology of Gauthier Township has been described by J.E. Thomson and Q.T. Griffis and published as Map No. 50 c. both by the Ontario Department of Mines. These maps show the claims underlain by sediments and volcanics of the Temiskaming Series.

The south claims are underlain by fine grained sediments and the north claims by trachyte.

The fine grained sediments consist almost entirely of greywacke, with several conglomerate bands. It is intruded by diabase dykes in two places. Outcrop is sparse with much of the claims covered by swamp. The greywacke is sheared and contains much crenulated bedding. It also contains inclusions or narrow beds of trachytic material.

The trachyte is pinkish in colour and brecciated in a number of places. A grab sample of trachyte breccia just west of the Misema River containing no visible mineralization was slightly anomalous in gold (160 ppb - check 130 ppb).

The Misema River Fault is projected to follow approximately along the Misema River and would approximately follow the Township line.

Two old shafts or deep pits were located on the south claims, but grab samples did not show any anomalous gold.

Geology (Continued)

The dumps showed greywacke with highly crenulated bedding and narrow bands or inclusions of trachytic material. Some quartz was noted in the most easterly shaft. A narrow quartz vein had also previously been trenched on the east shore of a small dried-up pond in the south-east part of the claims. A few quartz stringers were also noted in the trachytes.

VII. DISCUSSION OF RESULTS

The geology of the property was mapped and one slightly anomalous sample found in trachytic breccia. This area should be examined more closely as the sample did not contain visible mineralization. No assays were obtained at two old pits or shafts.

The magnetometer survey may be of little value due to fluctuations in the magnetic field during the survey. It is suspected that there were strong variations between base station checks which would distort the readings from line to line. The magnetometer survey should be re-done by a more sensitive instrument when the magnetic field is known to be calm.

Respectfully submitted

November 27, 1985

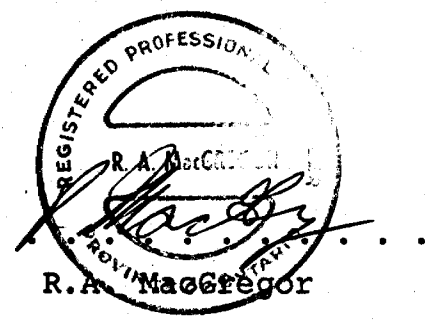
R.A. MacGregor, P. Eng.

CERTIFICATE

I, Robert A. MacGregor, certify:

1. I am a Mining Engineer residing at 134 Palace Drive, Sault Ste. Marie, Ontario. I have worked as a mining engineer and geologist for the past 17 years.
2. I am a member of the Association of Professional Engineers of the Province of Ontario and a member of the Canadian Institute of Mining and Metallurgy.
3. I attended Queen's University for two years in the Mining-Geology course.
4. I personally carried out or supervised the field work on the subject claims.

Nov. 27/85
Date



VERTICAL INTENSITY FLUXGATE MAGNETOMETER MF-1

SPECIFICATIONS

MODEL MF-1

Standard surveying and prospecting magnetometer with self-levelling sensor.

Ranges: Plus or minus -
1000 gammas f. sc. Sensitivity: 20 gammas per div.
3000 " 50 "
10,000 " 200 "
30,000 " 500 "
100,000 " 2000 "

Meter: Taut-band suspension. 1000 gamma scale: 1 7/8" long - 50 div.
3000 " " : 1 11-16" long - 60 div.

Accuracy: 1000 to 10,000 gamma ranges \pm 0.5% of full scale
30,000 to 100,000 gamma ranges \pm 1% of full scale

Operating Temperature: -40°C to + 40° C
-40°F to + 100°F

Temperature Stability: Less than 2 gammas per °C (1 gamma /°F)

Bucking Adjustments: 10,000 to 75,000 gammas by 9 steps of approximately .
(Latitude) 8,000 gammas and fine control by 10 turn potentiometer.
Convertible for Southern hemisphere or \pm 30,000 gammas equatorial.

Batteries: 12 x 1.5V flashlight batteries ("C" cell type)
(AC Power supply available)

Consumption: 50 milliamperes

Dimensions: Instrument: 6 1/2" x 3 1/2" x 12 1/2" - 165 x 90 x 320 mm
Battery Pack: 4" x 2" x 7" - 100 x 50 x 180 mm
Shipping Container: 10" dia. x 16" - 255 mm dia. x 410 mm

Weights: Instrument 5 lbs. 12 oz. - 2.6 kg.
Battery Pack: 2 lbs. 4 Oz. - 1 kg.
Shipping: 13 lbs.

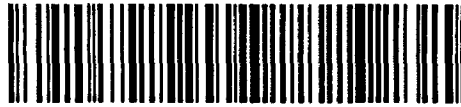
MODIFIED FLUXGATE MAGNETOMETERS

MODEL MF-1R

Magnetometer equipped with standard (self-levelling) sensor and additional recording outlet.

Noise Level: 1 gamma P - P

Long Term Stability: \pm 1 gamma for 24 hours at constant temperature



32D04SW0006 2.8700 MCVITTIE

900

Mining Lands Section

File No 2.8700

Control Sheet

TYPE OF SURVEY

GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

- no maps

- waiting for ROW on map etc.

<Gauthier, McVittie>

*Lgd.
L.D.*

Signature of Assessor

Date



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

28700

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Nov. 19. 1985

The Mining Act

File L 736729

Type of Survey(s) Geological	Township or Area Gauthier Twp
Claim Holder(s) Lucien Lacasse DANIEL R. LACASSE	Inspector's Licence No. K-18234 K19953
Address Box 231, Larder Lake, Ontario P0K 1L0	
Survey Company Colex Exploration Inc.	Date of Survey (from & to) Day 06. 85. Day 06. 85.
Name and Address of Author (of Geo-Technical report) R.A. MacGregor, 134 Palace Dr., Sault Ste. Marie, Ontario P6B 5H5	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	40
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	736729	6			
	736730				
	736731				
	736732				
	760496				
	821928				

RECEIVED

SEP 22 1985

MINING LANDS SECTION

LARDER LAKE MINING DIV.
RECEIVED
SEP 30 1985
AM 7 18 19 10 11 12 11 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed
Assaying

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures	÷	Total Days Credits	=	
\$ 90	÷	15	=	6

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. **6**

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	SEP 30 1985	<i>[Signature]</i>
Date Approved	Recorded	Branch Director
86.2.17	(3)	<i>[Signature]</i>

Date **Sept. 25/85** Recorded Holder or Agent (Signature) *[Signature]*

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
Robert A. MacGregor, 134 Palace Dr., Sault Ste. Marie, Ont. P6B 5H5

Date Certified **Sept. 25/85** Certified by (Signature) *[Signature]*

Dennis Kinzig #490/85 Mining Act 2,8700

"Expenditures" section may be entered in the "Expend. Days Cr." columns. - Do not use shaded areas below.

Type of Survey(s) Magnetometer	Township or Area Gauthier & McVittie
Claim Holder(s) Lucien Lacasse Daniel Lacasse	Prospector's Licence No. K-18234 K19953
Address Box 231 79 Commissioner St. Larder Lake, Ontario Larder Lake, Ontario	
Survey Company Colex Exploration Inc	Date of Survey (from & to) 15 Day 8 Mo. 85 Day 31 Mo. 85
Name and Address of Author (of Geo-Technical report) R.A. MacGregor, 134 Palace Dr., Sault Ste. Marie, Ontario P6B 5H5	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	736729				
	736730				
	736731				
	736732				
	821910				
	821927				
	821928				
	760496				

RECEIVED
JAN 09 1986
MINING LANDS SECTION
LAKE SUPERIEUR DISTRICT
SULT POINT
789190112510

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

Total number of mining claims covered by this report of work. **8**

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 **160** Date Recorded **DEC 9 1985** Mining Recorder *[Signature]*

Date Approved as Recorded **11.2.85** *[Signature]*

Date **Nov. 26/85** Recorded Holder or Agent (Signature) *[Signature]*

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
R.A. MacGregor, 134 Palace Dr., Sault Ste. Marie, Ontario P6B 5H5

Date Certified **Nov. 26/85** Certified by (Signature) *[Signature]*



GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological & Magnetometer
Township or Area Gauthier & McVittie Twp.
Claim Holder(s) Lucien Lacasse
Daniel Lacasse
Survey Company Colex Exploration Inc.
Author of Report RA. MacGregor
Address of Author 134 Palace Dr., S.S. Marie, Ont.
Covering Dates of Survey Aug. 85 - Nov. 27, 1985
(linecutting to office)
Total Miles of Line Cut 8 miles

MINING CLAIMS TRAVERSED
List numerically

L 736729
(prefix) (number)
736730
736731
736732
821910
821927
821928
L 760496

<u>SPECIAL PROVISIONS</u> <u>CREDITS REQUESTED</u>	Geophysical	DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	-Electromagnetic _____ -Magnetometer _____ -Radiometric _____	20
ENTER 20 days for each additional survey using same grid.	-Other _____ Geological _____ Geochemical _____	40

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Nov. 27/85 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. _____ Qualifications 2.1102

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 8

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 459 Number of Readings 459
Station interval 100' Line spacing 400'
Profile scale 1" = 40'
Contour interval 1" = 1,000 gammas

MAGNETIC

Instrument Sharpe MF-1
Accuracy - Scale constant 20 gammas on lowest scale
Diurnal correction method looping method
Base Station check-in interval (hours) 2 hours or less
Base Station location and value various along base line

ELECTROMAGNETIC

Instrument
Coil configuration
Coil separation
Accuracy
Method: [] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency (specify V.L.F. station)
Parameters measured

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



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 61015

Date: Sept. 13, 1985

Received Sept. 9, 1985 34 Samples of ore

Submitted by R. MacGregor, Sault Ste. Marie, Ontario

SAMPLE NO.	GOLD PPB
12291	Nil
12292	Nil
12293	60 70
12294	Nil
12295	Nil
12296	10
12297	Nil
12298	Nil
12299	Nil
12300	160 130
12714	Nil
12715	30
12716	Nil
12717	Nil
12718	Nil
12719	Nil
12720	Nil
12721	Nil

SAMPLE NO.	GOLD PPB
12722	Nil
12723	Nil
12724	Nil
12725	50
12726	30
12727	230 250
12728	30
12729	Nil
12730	Nil
12731	Nil
12732	Nil
12733	Nil
12734	Nil
12735	Nil
12736	Nil
12737	Nil Nil

$8 \times 11.25 = 90 \%$

Per G. Lebel
G. Lebel, Manager



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

11797

SOLD TO

Mr. R. MacGregor
Box 1110
Sault Ste. Marie, Ontario
P6A 5W5

**S
H
I
P
T
O**

S A M E

1.5% late charge over 30 days
(annual rate 18%)

DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Sept. 20/85							
QUANTITY	DESCRIPTION				UNIT PRICE	AMOUNT	
34	Au Assays PPB				\$ 8.50	\$ 289.00	
34	Sample handling Cert. No. 61015 Sept. 13/85				2.75	93.50	
					SWASTIKA LABORATORIES LTD.		
					OCT 21/85		
					WITH THANKS		
					Total \$ 382.50		

*Pd by cheque #1781
Oct 21/85*

SWASTIKA LABORATORIES LTD.
OCT 21/85

WITH THANKS

Total \$ 382.50

MOORE BUSINESS FORMS 3 7060E

FACTURE / INVOICE

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS
ESTABLISHED 1928



January 17, 1986

File: 2.8700

Lucien Lacasse
Box 231
Larder Lake, Ontario
POK 1L0

Dear Sir:

RE: Geophysical (Magnetometer) and Geological Surveys
and Data for Assaying submitted on Mining Claims
L 736729, et al, in the Townships of Gauthier and
McVittie

In order to complete your submission, please provide the
following:

1. Plans at a suitable scale, in duplicate, for
the above-mentioned survey. The Geological
plan should show the assay results.
2. Signed receipts or cancelled cheques as
verification of the \$90.00 expenditures.

When returning this material, please quote file 2.8700.

For further information, please contact Dennis Kinvig
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

DK/mc
cc: Mining Recorder
Kirkland Lake, Ontario
Files: 365,469 & 490

R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Daniel Lacasse
79 Commissioner Street
Larder Lake, Ontario
POK 1L0

REGISTERED

November 20, 1985

Report Of Work #365

Lucien Lacasse
Box 231
Larder Lake, Ontario
POK 1L0

Dear Sir:

RE: Mining Claims L 736729, et al,
in Gauthier Township

I have not received the reports and maps (in duplicate) for the Geological Survey and Data for Assaying on the above-mentioned claims.

As the assessment "Report of Work" was recorded by the Mining Recorder on September 30, 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 November 29, 1985.

If the material is not submitted to this office by November 29, 1985 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: Robert A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

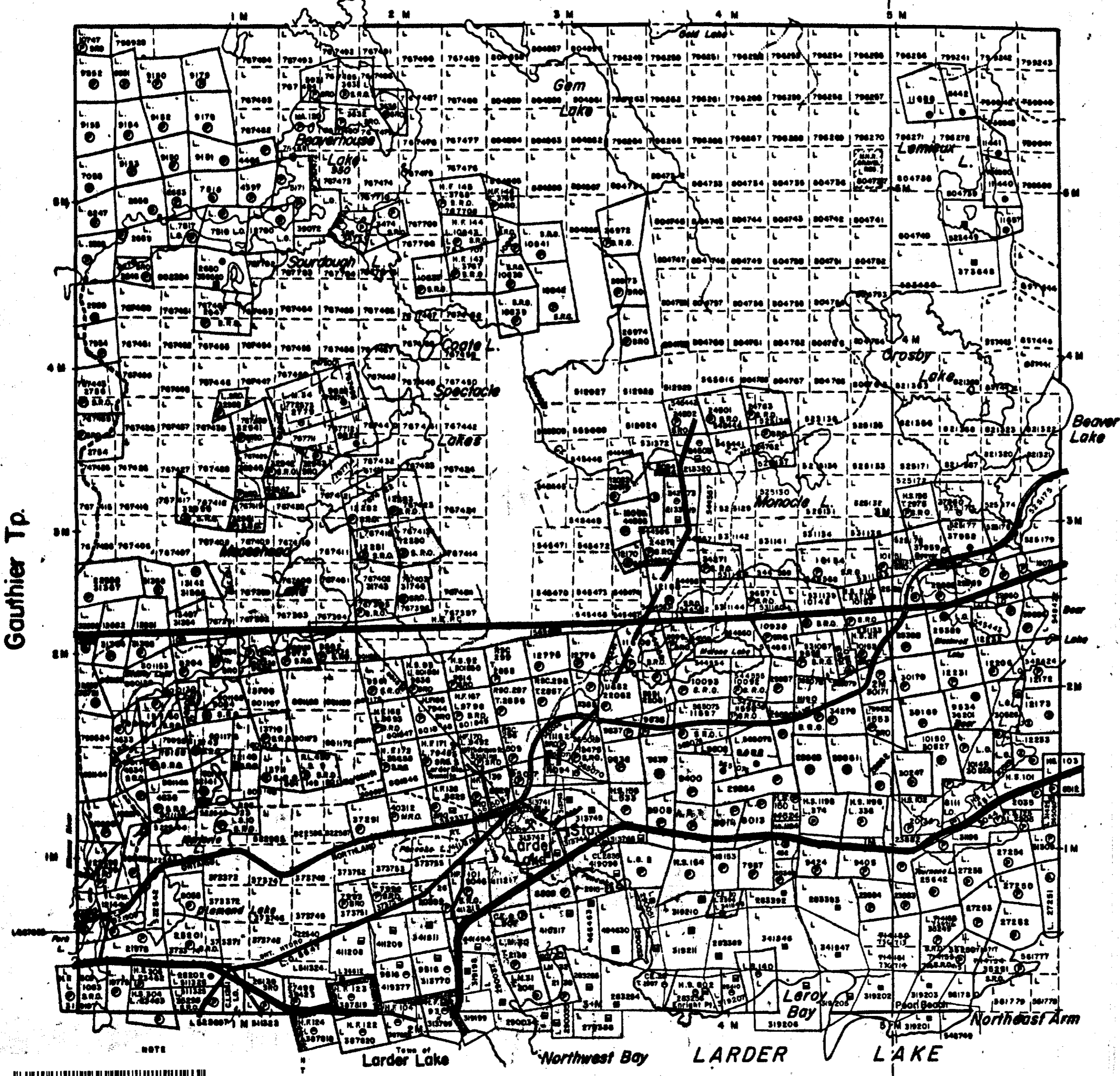
Mining Recorder
Kirkland Lake, Ontario

Encl.

Katrine Tp.

MUNICIPALITY OF LARDER LAKE

IMPROVEMENT DISTRICT OF
MC GARRY



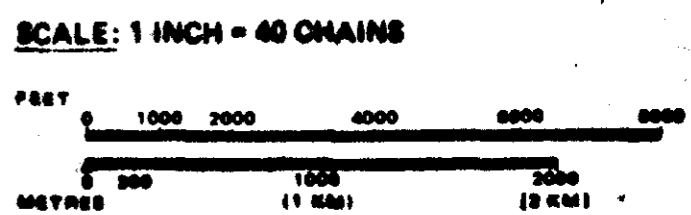
LEGEND

- 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

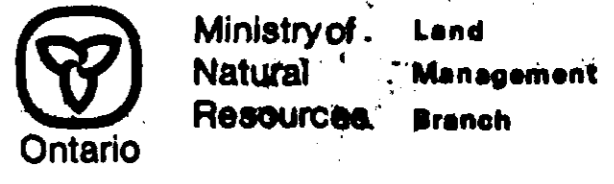
TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 2, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1978, CHAP. 280, SEC. 63, SUBSEC. 1.



Aug. 22/85

TOWNSHIP
McVITTIE
M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
TIMISKAMING



Date: **SEPTEMBER 1984** Number: **G-3163**

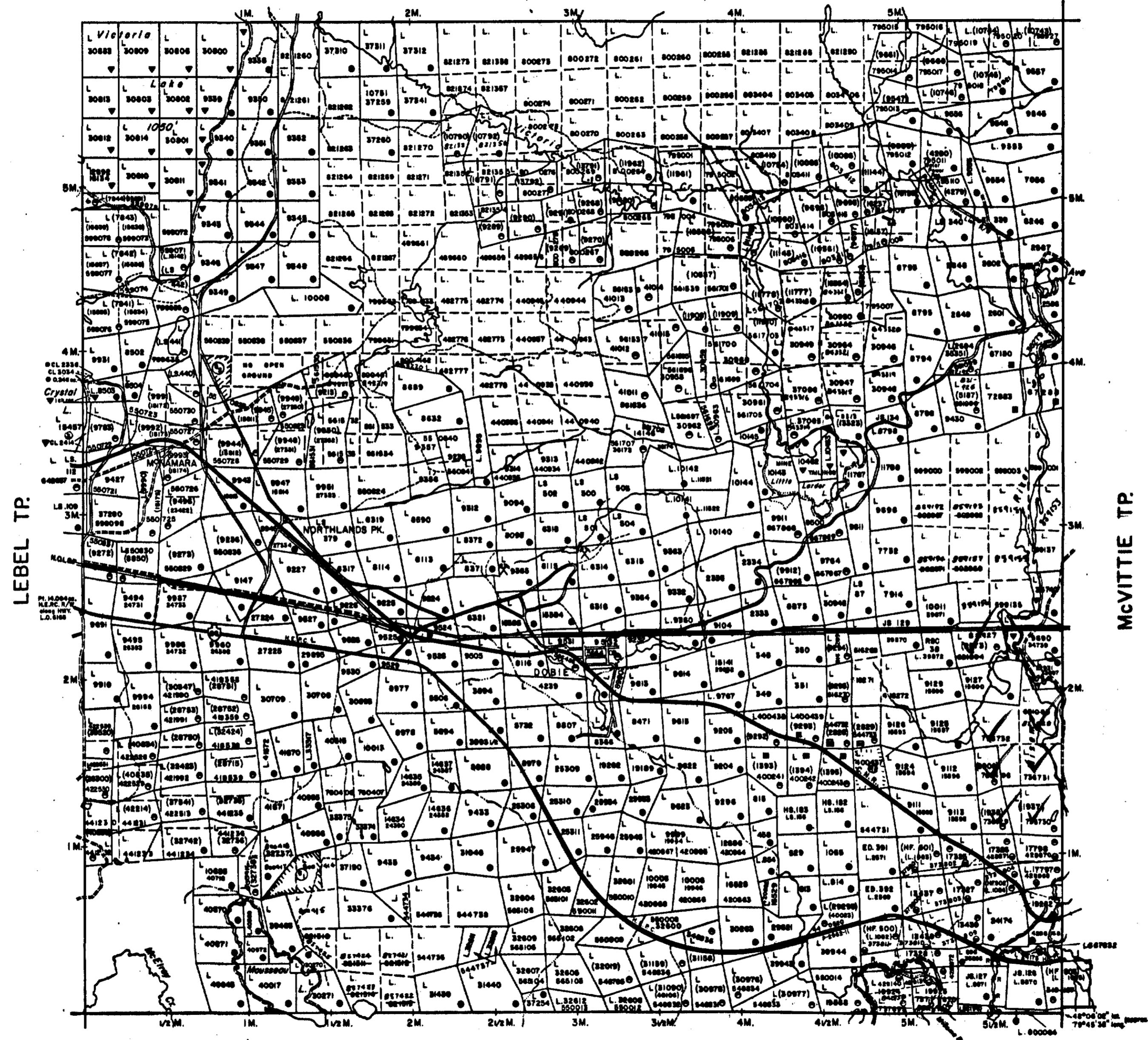
REFERENCES

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 No.
(R) Sec. 24/80 W30/85	24/80	24/85	M+S	
(R) Sec. 24/80 022/85	022/85	30/12/85	M+S	
(R) Sec. 24/80 W30/85	W30/85	30/12/85	M+S	

ARNOLD TP.



SAND and GRAVEL

① M.T.C.	PIT No. 1086	FILE 101421
② M.T.C.	PIT 37-27	

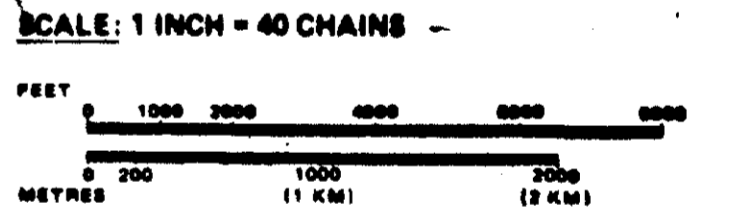
LEGEND

- 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	OC
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊚

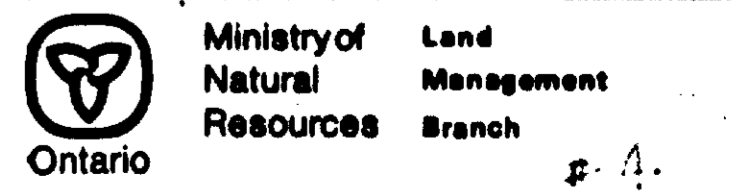
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 286, SEC. 66, SUBSEC. 1.



TOWNSHIP Jan. 8/86

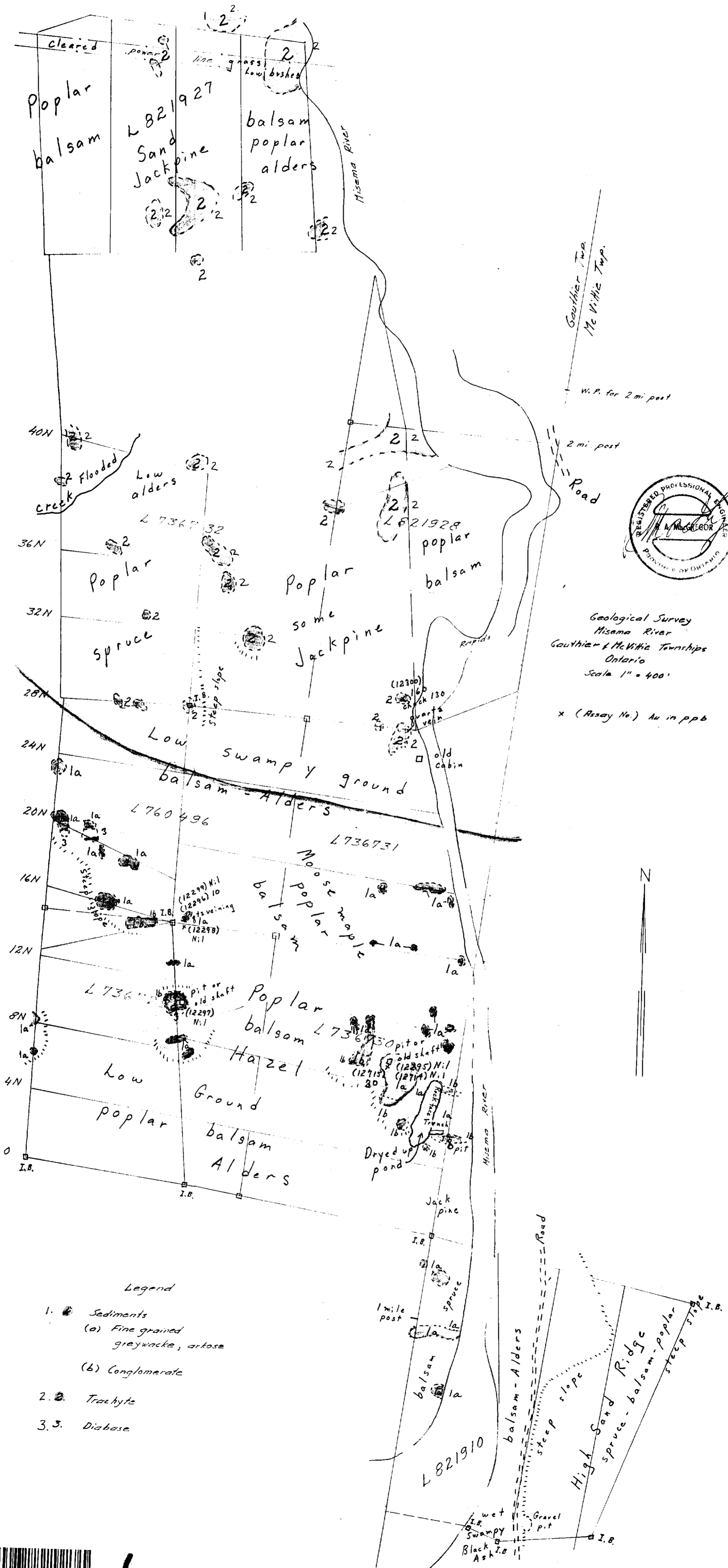
GAUTHIER

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



Sold JANUARY, 1985 Number
G-3211



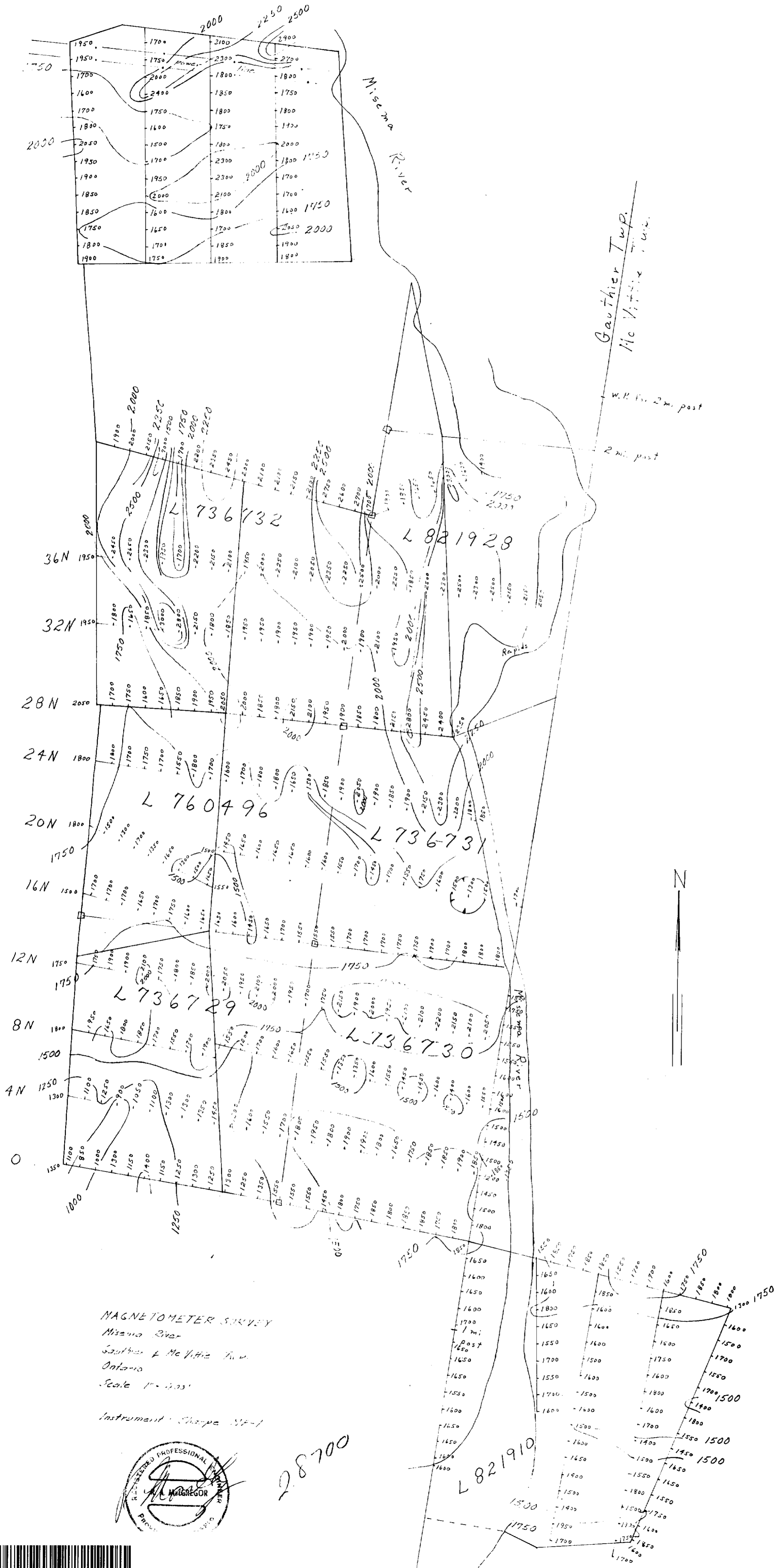


Geological Survey
 Misema River
 Gauthier & McVittie Townships
 Ontario
 Scale 1" = 400'

28700

- Legend
- 1. Sediments
 - (a) Fine grained greywacke, arkose
 - (b) Conglomerate
 - 2. Trachyte
 - 3. Diabase





MAGNETOMETER SURVEY
 Misema River
 Gauthier & McVittie Twp.
 Ontario
 Scale 1" = 200'

