GÉRARD LAMBERT
GÉOSCIENCES
Consultation et génie-conseil en géophysique.

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

TEMAGAMI AREA PROPERTIES (P.N. 8031)

CHAMBERS BLOCK

Chambers Twp., Ontario

N.T.S. 42P/1, 31M/4

Report on ground Magnetic and Horizontal Loop E.M. surveys

Rouyn-Noranda, Québec

January 31, 1997

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Consulting Geophysicist

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Appended: **Scale**

Magnetic contours	1:5,000
Magnetic profiles and readings	1:5,000
Horizontal Loop E.M. profiles, 222Hz, 444Hz, 1777Hz	1:5,000

Introduction

In October and November 1996, ground geophysical investigations consisting namely in Total Field magnetic surveys and Horizontal Loop Electromagnetic (MaxMin) surveys were carried out on the **Chambers block** of the Temagami area properties, for **FALCONBRIDGE LTD.** (Exploration).

The purpose of these surveys was to map the distribution of magnetic minerals in the bedrock and thus assist in the mapping of underlying sedimentary, felsic and mafic volcanic units, as well as to detect the presence of **metallic mineralization** such as massive, semi-massive or stringer sulfides in the bedrock, and to outline potential structural traps and shear zones. Considering the lack of geophysical coverage on this property, the present geophysical investigations were also performed in order to gain a better understanding of the geology of the area and its relationship with any mineral occurrences of the property.

This report describes the geophysical work performed and discusses the results and the interpretation of the data. Recommendations for any future work are presented in the conclusion.

Property description, location and access

The **Chambers block** is located in the southwest quadrant of Chambers Township, at about 15 kilometer to the west of Temagami, Ont. (N.T.S. 42P/1, 31M/4).

The property is accessible by bush and logging roads leading west from the old mines situated just west of Temagami. Please refer to Figures 1. and 2, showing the location of the property at scales 1:250,000 and 1:300,000 respectively.

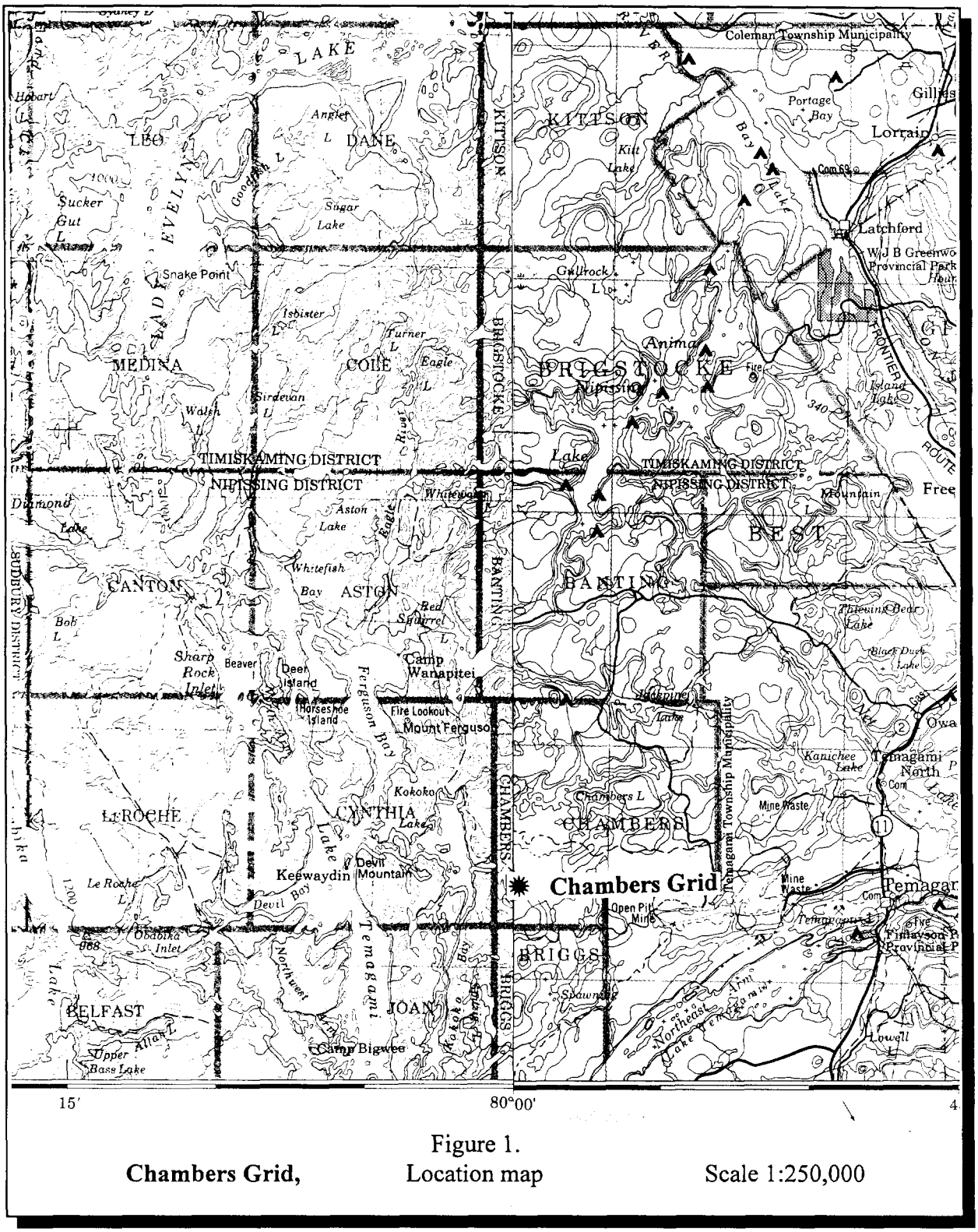


Figure 1.
Chambers Grid, Location map Scale 1:250,000

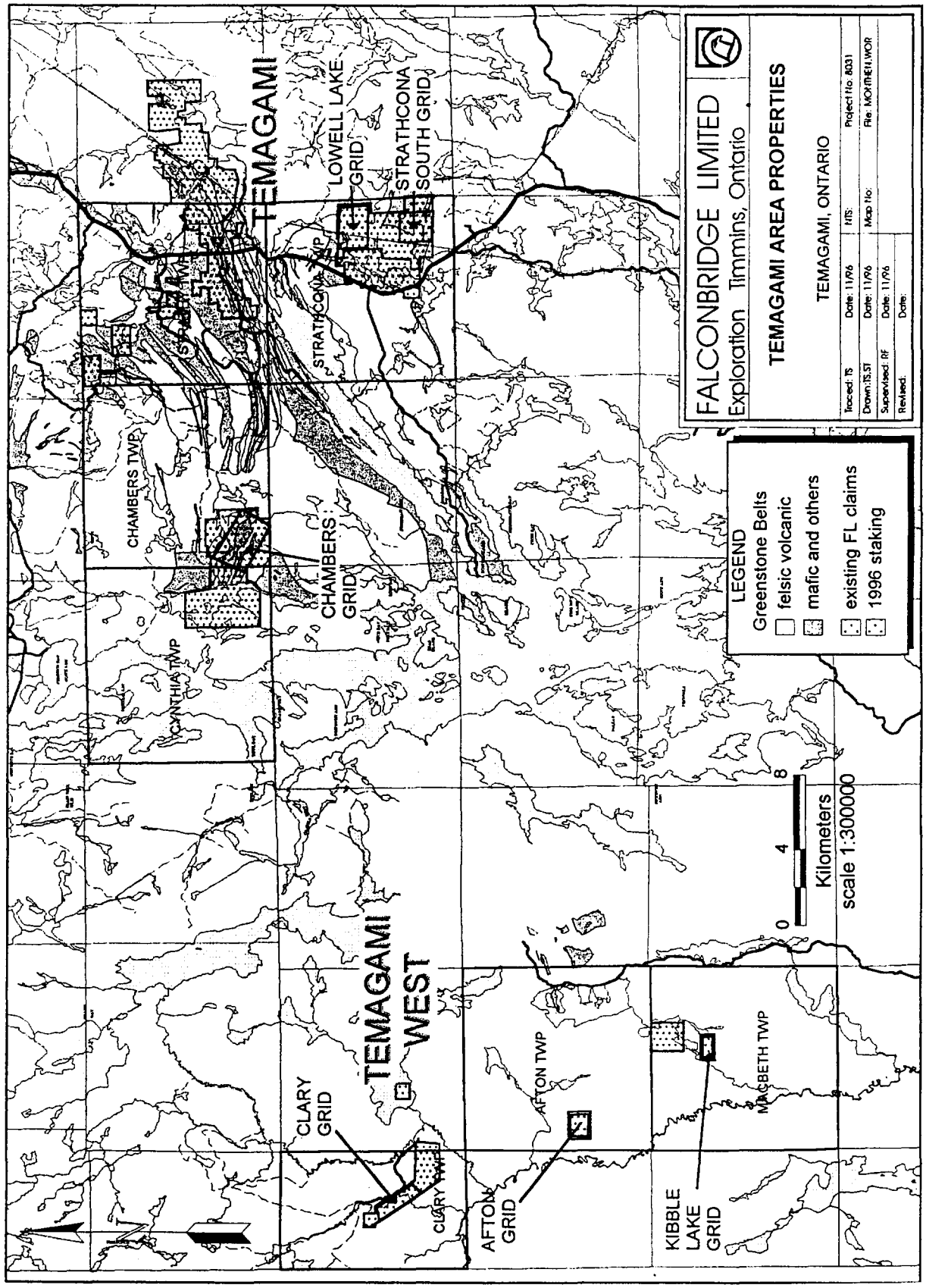


Figure 2.
Grid Location map Scale 1:300,000

The **Chambers block** consists of 58 mining claims of variable surface, situated in the southwest quadrant of Chambers Twp., and in the southeast quadrant of Cynthia Twp. The map on the next page shows the position of the grid with respect to the claims.

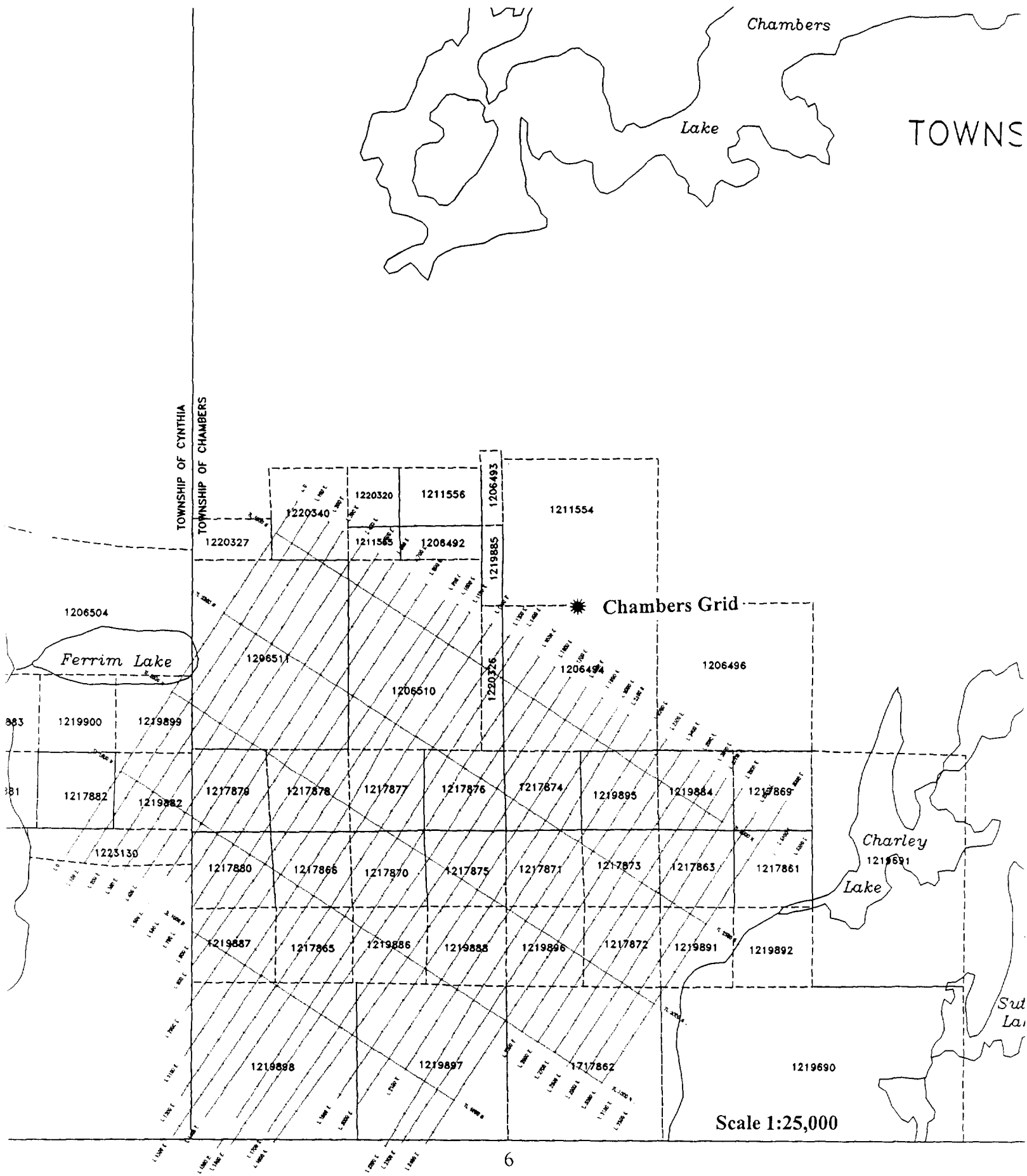
Description of the Geophysical surveys

The magnetic and H.L.E.M. surveys were carried out along previously cut lines. This grid has a NW-SE base line (B.L. 20+00N) and 31 survey lines oriented at **032°**, spaced every **100 meters** and chained/picketed every 25 meters. The survey lines were chained between 0+00mN and 32+00mN. Tie lines 10+00N, 15+00N, 25+00N and 30+00N were established to control the survey lines.

The **magnetic** survey was conducted along the base line, tie lines and survey lines, using **Scintrex OMNI-Plus** and **GEM-systems GSM-19** proton-precession magnetometers, capable of reading the earth's magnetic field with a precision of 0.1 gamma.

Readings of the earth's magnetic field were taken every 12.5 meters along the lines. The magnetic field measurements were corrected for diurnal drift by using the data from an automatic base station, monitoring and recording the earth's magnetic field variations every 20 seconds.

The results of the magnetic survey are presented on the maps appended to this report, at the scale 1:5,000. Posted readings, profiles and colour contours of the magnetic data are presented on these maps. A total of approximately **88 line-km** of magnetic data was gathered during the course of this survey.


Chambers
Lake
TOWNS
TOWNSHIP OF CYNTHIA
TOWNSHIP OF CHAMBERS
Chambers Grid
Ferrim Lake
Charley
Lake
1220320
1211556
1206493
1220340
1211554
1220327
1211585
1206492
1219885
1206504
1206511
1206494
1206496
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1219892
1219898
1219897
1717862
1219690
Scale 1:25,000

The **Horizontal loop E.M.** survey was conducted along the survey lines, using an Apex Parametrics **MaxMin-II** E.M. system, operated in the maximum coupled (horizontal coplanar loops) mode at frequencies 222Hz, 444Hz and 1777Hz. The nominal separation between the transmitter and the receiver was 150 meters. This coils separation should allow the detection of bedrock conductors to a depth of approximately 80 meters.

Readings of the In-phase and Quadrature components of the secondary field were taken at 25 meter intervals along the survey lines.

Due to the rugged topography of the area, corrections to the field in-phase and quadrature readings had to be applied. Measurements of the slopes (in percent) between successive stations were taken, using a hand-held clinometer while surveying with the MaxMin unit.

The axis of both the transmitter and receiver coils were always held vertical at all times. The field data was subsequently corrected using a computer program which calculated the true coil separation in hilly terrain, as well as compensated for the non-coplanarity of the coils by applying a correction factor which is a function of the angle (ϕ) of non-coplanarity (the correction is[300 x $\sin^2(\phi)$]).

Slopes of 10 to 20 degrees were not uncommon within the survey area, which made the field work particularly difficult at times. Some minor spurious noise locally remained in the In-phase component data because of poor chaining at places, and because of a number of **very highly magnetic units** which influenced the in-phase component signal. This noise did not however constitute a major nuisance in the interpretation of the MaxMin profiles.

A total of approximately **72 line-km** of H.L.E.M. surveys were carried out on the CHAMBERS grid.

The results of the H.L.E.M. survey are presented in the form of profiles of the terrain-corrected **In-phase** and **Quadrature** components, on plan maps (one for each frequency) at the scale 1:5,000, which can be found appended to this report.

Results and interpretation

The H.L.E.M. technique combined with the magnetic method is probably the most cost-effective approach for base-metals prospecting when the target is presumed to be electrically conductive, i.e. contains massive to semi-massive metallic sulphide material electrically connected over distances of tens of meters or more. Significant zones of pyrite/pyrrhotite (and graphitic material) in the stratigraphy can be effectively mapped with this technique, commonly causing "good" or "strong" conductors. Sphalerite mineralization, if not accompanied by accessory pyrite or pyrrhotite, may not be detected by MaxMin because this sulphide variety is seldom conductive.

Other materials in the nature which might be electrically conductive include water-saturated bedrock fractures and shear zones, as well as water-soaked overburden material. This type of conductors is usually called "electrolytic" and typically will be interpreted in the "poor" conductor category.

"Good" conductors are conductors which will be detected at low frequencies (below 1,000Hz) on an E.M. survey, causing anomalies on both the In-Phase and Quadrature (Out-of-phase) components. "Poor" conductors, on the other hand, will come out only at higher frequencies (>3,000Hz) and then possibly only on the **quadrature** component. So by using a multi-frequency E.M. prospecting instrument, one can differentiate between various types of conductors ("good" and "poor") and therefore determine if a given conductor stands a chance of containing semi-massive or massive sulphides of high conductance.

• *MAGNETICS*

The **magnetic** relief is characterized by a background level of about 57,000±100 gammas. The magnetic activity consists mainly of an **extremely strong** anomaly extending from the western edge of the grid to about line 25+00E. Probably caused by a very wide and magnetite-rich **Iron Formation** very close to surface, this anomaly has a NW-SE strike direction and reaches amplitudes in excess of 100,000 gammas at places. Several strongly negative values were measured along the northern edge of the anomaly and because of the extremely strong horizontal magnetic gradients at places, the proton sensors could no withstand such gradients and a lot of noisy data was produced in these area.

Also contributing to large negative values to the north of the Iron Formation is the effect of a south dip (probably in the neighbourhood of 60°), producing a negative shoulder to the north of the anomaly peak.

This anomaly largely overwhelms the other more subtle magnetic responses produced by less prominent mafic units in the northern half of the grid. Two or three such units, possibly caused by gabbro sills or basalt flows, can be traced along dominant NW-SE directions.

The remainder of the grid area exhibits a relatively quiet magnetic relief, indicating mostly felsic to intermediate lithologies, or sediments.

• *ELECTROMAGNETICS*

Referring to the three sets of MaxMin profiles maps appended to this report, it can be observed that several conductors, most of them fairly "strong" have been detected by the E.M. survey. Apart from one or two exceptions, these conductors are concentrated within a 1000-meter wide corridor between 1500N and 2500N.

The interpreted conductive horizons have been classified according to their relative conductance into "strong" (thick red lines) and "weak" (thick dotted orange lines) categories. Most conductors are at shallow depths, not exceeding 20 to 30 meters. Except for some local distortions, most conductors strike along a general NW-SE direction.

More than half of the interpreted conductors are located directly close to the strongly magnetic iron formation or within one or two hundred meters either side.

Considering the probably prevailing sedimentary lithologies, it is believed that the majority of the conductor are caused by graphitic shales, but those shorter, more isolated and "strong" conductors stand a better chance of being due to sulphide material. A knowledge of the area's geology will certainly help sorting out these two types of conductors.

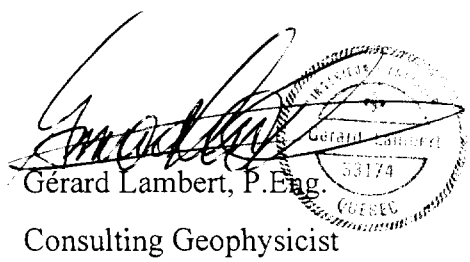
Conclusion and recommendations

The magnetic and Horizontal Loop E.M. surveys which were recently completed on the **Chambers block** of the Temagami area properties, for **FALCONBRIDGE LTD.** (Exploration) have successfully mapped what is interpreted to be a series of more or less parallel bands of conductive graphitic beds contained in a volcano-sedimentary sequence. This sequence also host an important Iron Formation thought to contain large quantities of magnetite over substantial widths.

Considering the probably thin overburden conditions, it is highly recommended to examine the property in the field and carry out a systematic mapping/prospecting program, aiming at explaining as many conductors as possible and also to allow for some sampling of the bedrock. Should some conductive zones prove to carry economically significant quantities of base or precious metals at surface, then these zones should be tested at depth with diamond drill holes.

It would be a good idea to run a few lines with the Induced Polarization (I.P.) method in order to verify the nature of some of the "weaker" conductors and determine if they are due to **electrolytic** phenomena (overburden valleys, shear zones) or to poorly conductive **metallic** material such as stringer sulfides or sphalerite-enriched pyrite zones.

Of course the present geophysical results should be examined in the light of any other possible source of geoscientific information, in order to better evaluate their significance.



Rouyn-Noranda, Québec
January 31, 1997

Gérard Lambert, P.Eng.
Consulting Geophysicist

GOV T

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9870.00390
Assessment Files Research Imaging

31M04SW2016 2.18656 CHAMBERS 900

subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, e assessment work and correspond with the mining land holder. Questions about f Northern Development and Mines, 3rd Floor, [illegible] Lakeshore, Sudbury,

RECEIVED
9:30
JUL 17 1998
GEOSCIENCE ASSESSMENT OFFICE

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name	FALCONBRIDGE LIMITED	Client Number	130679
Address	Suite 1200 - 95 Wellington Street West	Telephone Number	(416) 956-5700
	Toronto, Ontario, M5H 2V4	Fax Number	(416) 956-5757
Name		Client Number	
Address		Telephone Number	
		Fax Number	

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

X Geotechnical: prospecting, surveys, assays and work under section 18 (regs)

Physical: drilling stripping, trenching and associated assays

Rehabilitation

Work Type	Magnetic and Horizontal Loop Electromagnetic surveys; line cutting	Office Use	
		Commodity	
		Total $ Value of Work Claimed	47,450
Dates Work Performed	From 10 (Day) 10 (Month) 1996 (Year) To 24 (Day) 11 (Month) 1996 (Year)	NTS Reference	
Global Positioning System Data (if available)	Township/Area: Chambers & Cynthia Twps.	Mining Division	Sudbury
	M or G-Plan Number: G – 3416 & G - 3421	Resident Geologist District	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Robert Foy	Telephone Number	(705) 267 - 1188 ext. 243
Address	PO Box 1140, Timmins, Ontario, P4N 7H9	Fax Number	(705) 267 - 6080
Name		Telephone Number	
Address		Fax Number	
Name		Telephone Number	
Address		Fax Number	

4. Certification by Recorded Holder or Agent

I, Robert Foy (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date July 15, 1998
Agent's Address: PO Box 1140, Timmins, Ontario, P4N 7H9	Telephone Number: (705) 267 - 1188 ext. 243	Fax Number: (705) 267 - 6080

0241 (03/97)

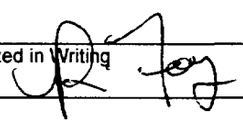
deemed: Oct. 15/98

2.18656 W9870.00390

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date
1	1717862	4	$2020	$0	$2020	$0
2	1219897	4	$4040	$0	$0	$4040
3	1219898	4	$4040	$0	$0	$4040
4	1219891	1	$1010	$0	$1010	$0
5	1217872	1	$1010	$0	$1010	$0
6	1219896	1	$1010	$0	$1010	$0
7	1219888	1	$1010	$0	$0	$1010
8	1219886	1	$1010	$0	$0	$1010
9	1217865	1	$1010	$0	$0	$1010
10	1219887	1	$1010	$0	$0	$1010
11	1217863	1	$1010	$0	$1010	$0
12	1217873	1	$1010	$0	$1010	$0
13	1217871	1	$1010	$0	$1010	$0
14	1217875	1	$1010	$0	$1010	$0
15	1217870	1	$1010	$0	$0	$1010
16	1217866	1	$1010	$0	$0	$1010
17	1217880	1	$1010	$0	$0	$1010
18	1219884	1	$1010	$0	$1010	$0
	Column sub-Totals	27	$25,250	$0	$10,100	$15,150

I, Robert Foy (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
	JULY 15/98

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- X 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 1st 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

W9870.00390

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date
19	1219895	1	$1010	$0	$1010	$0
20	1217874	1	$1010	$0	$1010	$0
21	1217876	1	$1010	$0	$1010	$0
22	1217877	1	$1010	$0	$1010	$0
23	1217878	1	$1010	$0	$0	$1010
24	1217879	1	$1010	$0	$0	$1010
25	1206510	5	$5050	$0	$5050	$0
26	1206511	6	$6060	$0	$6060	$0
27	1220326	1	$1010	$0	$1010	$0
28	1220340	1	$1010	$0	$940	$70
29	1219899	1	$1010	$0	$0	$1010
30	1219882	1	$1010	$0	$0	$1010
31	1223130	1	$990	$0	$0	$990
32	1206513	4	$	$3200	$	$0
33	1206497	2	$	$1600	$	$0
34	1206499	2	$	$1600	$	$0
35	1206498	4	$	$3200	$	$0
36	1206477	12	$	$9600	$	$0
	Column sub-Totals	73	$47,450	$19,200	$27,200	$20,250

I, Robert Foy (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
R Foy	JULY 15/98

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

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- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

LL9870. 00390

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date
37	1219877	4	$	$3200	$	$0
38	1219893	6	$	$4800	$	$0
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54			$47,450			
	Column sub-Totals	83	~~$47,250~~	$27,200	$27,200	$20,250

I, **Robert Foy** (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
R. Foy	July 15/98

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- X 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
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For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9870.00590

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Line cutting	88km	$300/km	$26,400
Magnetics Survey	88km	$75/km	$6,600
Horizontal Loop EM Survey	72km	$185/km	$13,200
		Sub-Total	$46,200
Associated Costs (e.g. supplies, mobilization and demobilization).			
Geophysicist Interpretation Report			$1,000
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	$47,450

Calculations of Filing Discounts:

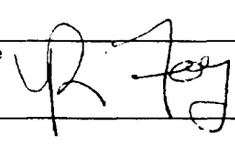
1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Robert Foy (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent (Project Geologist, Falconbridge Limited) (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature  Date JULY 15/98

0212 (03/97)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

October 7, 1998

FALCONBRIDGE LIMITED
SUITE 1200, 95 WELLINGTON STREET WEST
TORONTO, ONTARIO
M5J-2V4

Dear Sir or Madam:

Submission Number: 2.18656

Subject: Transaction Number(s):		**Status**
	W9870.00390	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 12940

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18656

Date Correspondence Sent: October 07, 1998 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9870.00390	1217862	CHAMBERS, CYNTHIA	Deemed Approval	September 28, 1998

Section:
14 Geophysical EM
14 Geophysical MAG

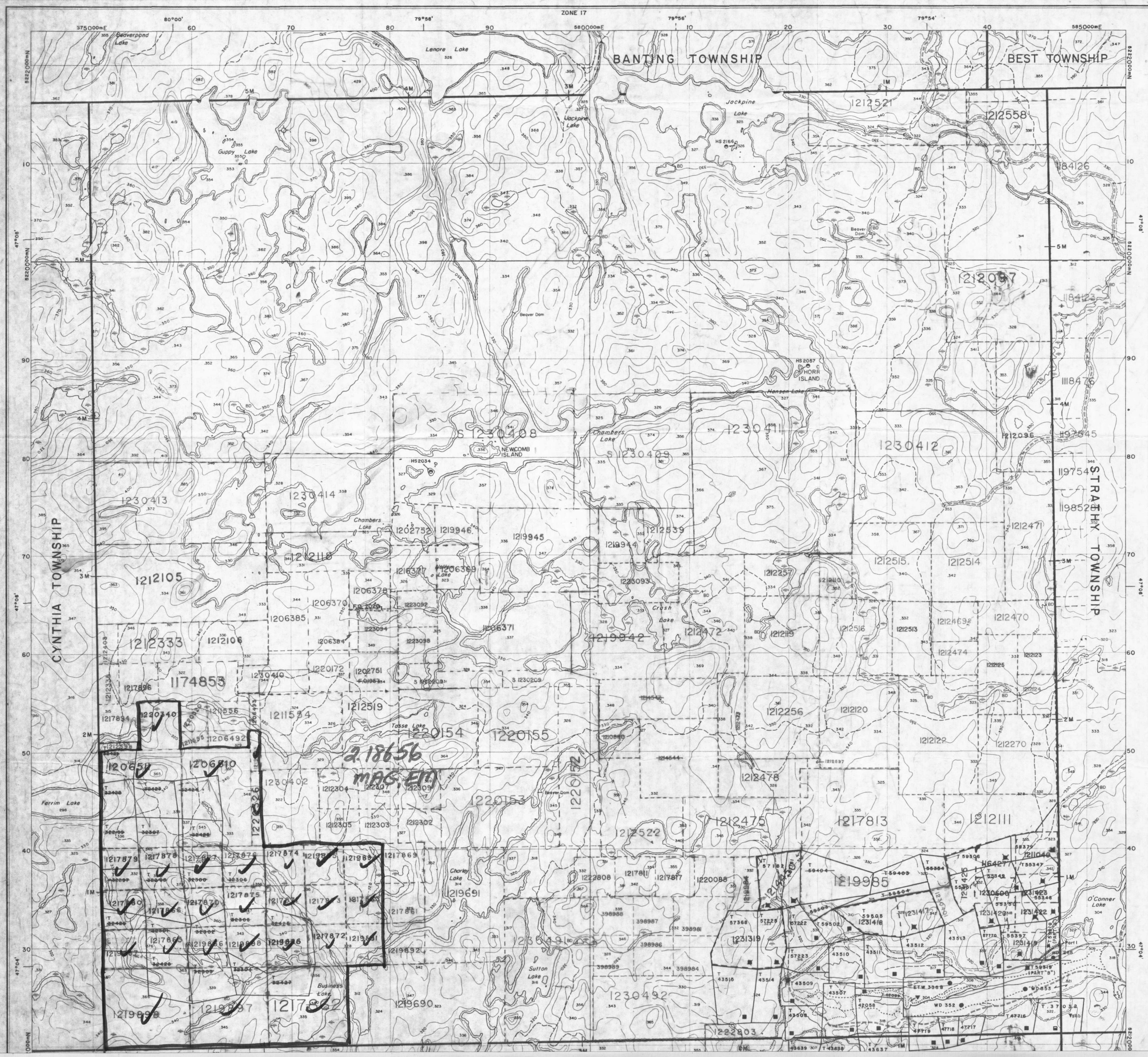
Correspondence to:
Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Robert Foy
TIMMINS, ONTARIO, CANADA

FALCONBRIDGE LIMITED
TORONTO, ONTARIO

Correspondence ID: 12940



Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

INDEX TO LAND DISPOSITION

PLAN
G-3416

TOWNSHIP
CHAMBERS

M.N.R. ADMINISTRATIVE DISTRICT
TEMAGAMI

MINING DIVISION
SUDBURY

LAND TITLES/REGISTRY DIVISION
NIPISSING

Scale 1:20 000

Contour Interval 10 Metres

IN SERVICE JANUARY 10, 1990

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
ⓧ	SEC.35/90 ~~SEC.36/80~~	O-S-22/96 ~~W.1/84~~	09/05/96 ~~16/03/84~~	M & S ~~M & S~~	195150 ~~188540~~
ⓧ	~~SEC.35/90~~	~~W-ONT-77/94~~	~~MAY 27/94~~	~~M&S~~	~~195150~~

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
  - shoreline
- Lot/Concession; surveyed
  - unsurveyed
- Parcel; surveyed
  - unsurveyed
- Right-of-way; road
  - railway
  - utility
- Reservation

Cliff, Pit, Pile
Contour
- Interpolated
- Approximate
- Depression

Control point (horizontal)
Flooded land
Mine head frame
Pipeline (above ground)
Railway; single track
- double track
- abandoned

Road; highway, county, township
- access
- trail, bush

Shoreline (original)
Transmission line
Wooded area

THIS TOWNSHIP FALLS WITHIN THE TEMAGAMI COMPREHENSIVE PLANING AREA. SPECIAL WORKING CONDITIONS MAY APPLY TO EXPLORATION ACTIVITIES. FOR MORE DETAILS PLEASE CONTACT:
DISTRICT MANAGER,
NORTH BAY DISTRICT
MINISTRY, NATURAL RESOURCES

DATE OF ISSUE

OCT 0 1 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

NOTES

* JUNE 1, 1994 OPENINGS ONTARIO GAZETTE VOL. 127-20 MAY, 1994. PAGE 1575

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

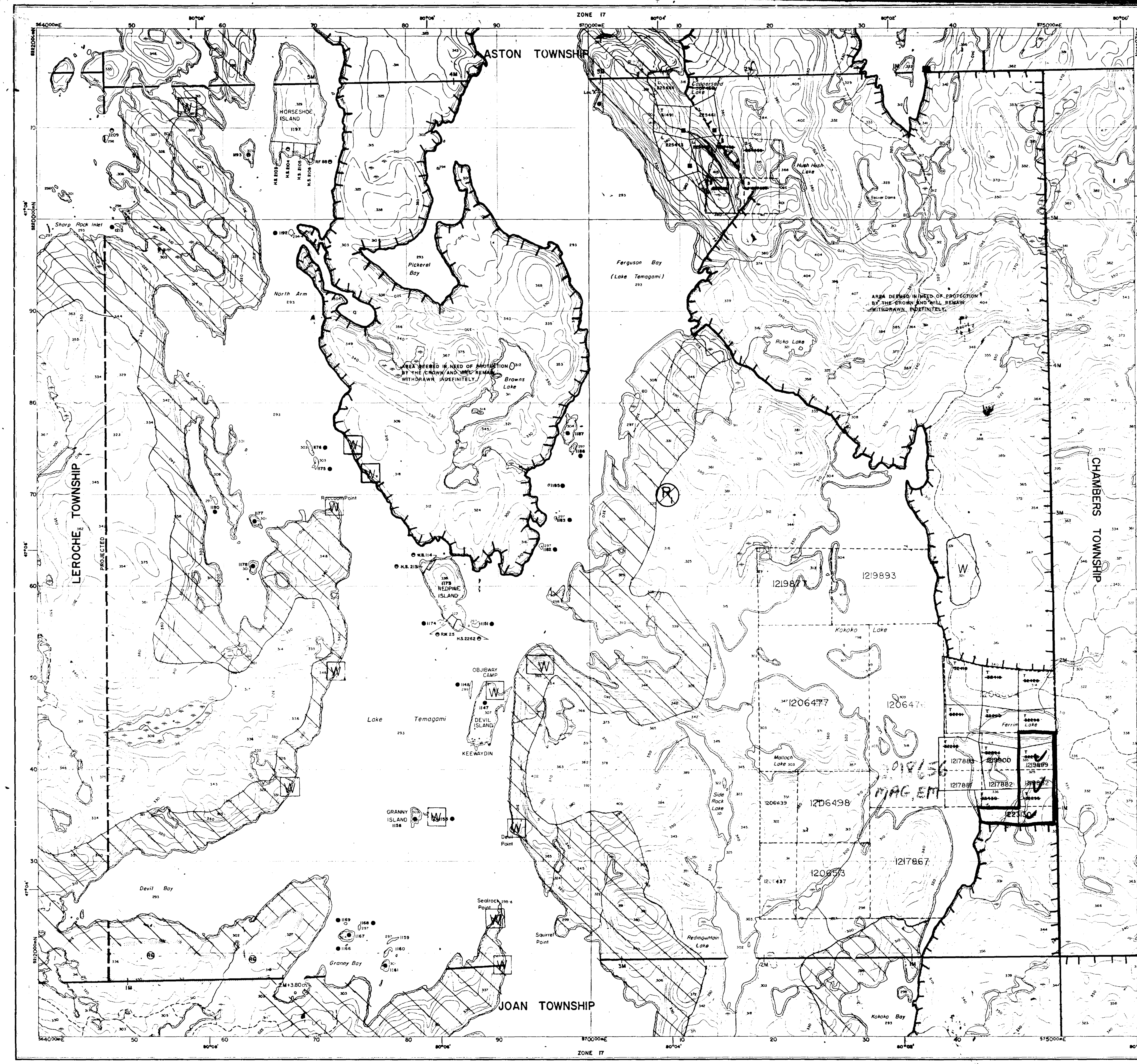
Licence of Occupation
Order-in-Council ... OC
Cancelled
Reservation
Sand & Gravel
LAND USE PERMIT

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF

-3416

CHAMBERS TWP.

G-3421



Ontario

Ministry of Natural Resources

Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN

G-3421

TOWNSHIP

CYNTHIA

M.N.R. ADMINISTRATIVE DISTRICT

TEMAGAMI

MINING DIVISION

SUDBURY

LAND TITLES/REGISTRY DIVISION

NIPISSING

Scale 1:20 000

Contour Interval 10 Metres

IN SERVICE JANUARY 10, 1990

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only

SRO - Surface Rights Only

M + S - Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
(R1)	SEC.35/90 ~~SEC. 36/80~~	O-S-22/96 ~~W-1/84~~	09/05/96 ~~16/03/84~~	M & S ~~M+S~~	195150 ~~186540~~
(R2)	~~SEC.35/90~~ ISLANDS IN LAKE TEMAGAMI	~~W-ONT-77/94~~ W-S-72/96 ~~W-S-64/96~~ W-S-70/96	~~MAY 27/94~~ ~~00 DEC 19/96~~ 09/13/96	~~M&S~~ M & S ~~M&S~~	~~195150~~ 195150 ~~84351 V.2.~~
(R3)	SEC.35/90	~~W-S-30/96~~	~~08/16/96~~	M & S	195150
(R4)	SEC.35/90	W-S-67/96 ~~W-S-31/96~~	09/13/96 ~~08/18/96~~	M & S	195150
(R5)	SEC.35/90 ~~SEC.35/90~~	W-S-60/96 ~~W-S-48/96~~	09/13/96 ~~09/05/96~~	M & S ~~M & S~~	195150 ~~195150~~
(R6)	SEC.35	W-S-8/98	06/02/98	M+S	195150

(R3) W AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.

(R4) TTT AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

THIS TOWNSHIP FALLS WITHIN THE TEMAGAMI COMPREHENSIVE PLANING AREA. SPECIAL WORKING CONDITIONS MAY APPLY TO EXPLORATION ACTIVITIES. FOR MORE DETAILS PLEASE CONTACT:
DISTRICT MANAGER,
NORTH BAY DISTRICT
MINISTRY, NATURAL RESOURCES

(R5) SKYLINE RESERVE
AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN

DISPOSITION OF CROWN LANDS

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

Cancelled

Reservation

Sand & Gravel

LAKE TEMAGAMI (R5)

LAND COVERED BY THE WATERS OF LAKE TEMAGAMI IS WITHDRAWN FROM PROSPECTING AND STAKING OUT

NOTICE

WORK PERMITS FOR MINERAL EXPLORATION ACTIVITY
EFFECTIVE September 15TH 1998

The area outlined as 777 on this map will be subject to Ontario Regulation 349/98 made under the Public Lands Act. Depending on the type and timing of your exploration work you may require a Work Permit. For further information please contact Gerhard Meyer, Regional Resident Geologist at (705) 567-5242 or Jim Ireland, Regional Manager at (705) 235-1612

DATE OF ISSUE
OCT 0 1 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

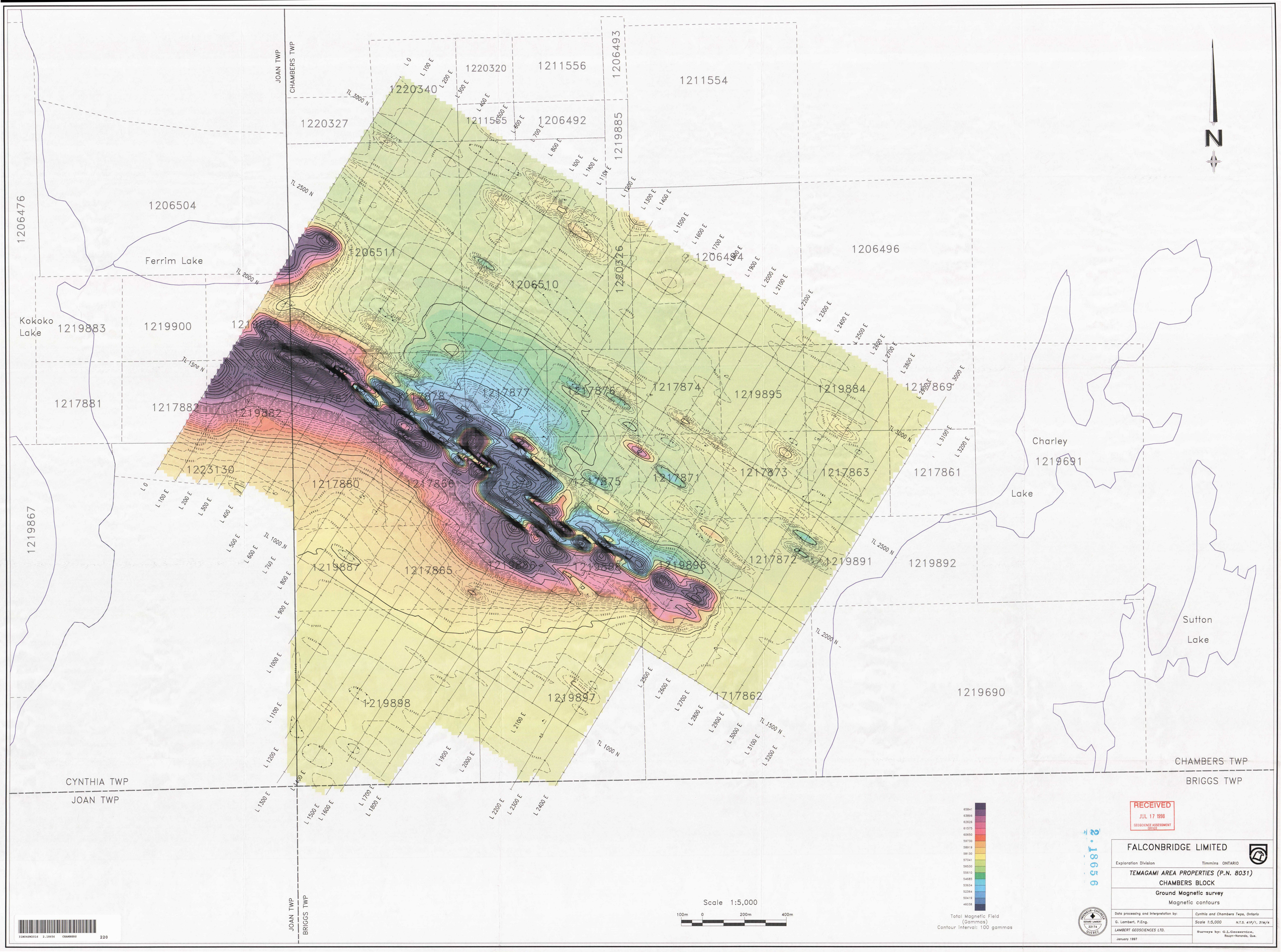
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

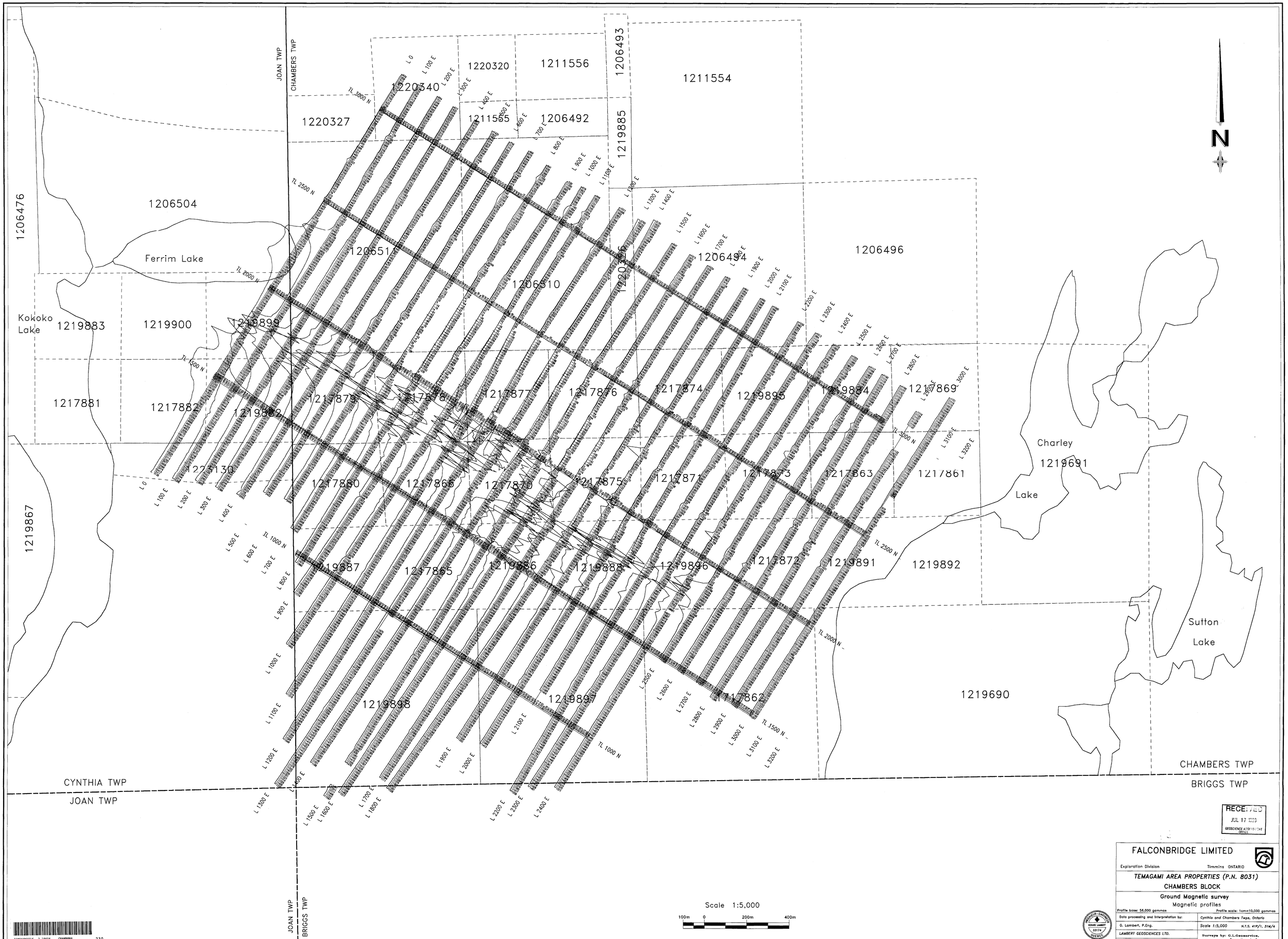
Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

CYNTHIA TOWNSHIP

G-3421


JOAN TWP
CHAMBERS TWP
1220340
1220320
1211556
1206493
1211554
1220327
1211555
1206492
1219885
1206504
1206476
Ferrim Lake
1206511
1206510
1220326
1206494
1206496
Kokoko Lake
1219883
1219900
1219882
1217881
1217882
1217877
1217876
1217874
1219895
1219884
1217869
1223130
1217880
1217866
1217875
1217871
1217873
1217863
1217861
Charley Lake
1219691
1219867
1219887
1217865
1219898
1219897
1219896
1217872
1219891
1219892
1717862
1219690
Sutton Lake
CYNTHIA TWP
JOAN TWP
BRIGGS TWP
CHAMBERS TWP
N
Scale 1:5,000
100m 0 200m 400m
Total Magnetic Field (Gammas)
Contour interval: 100 gammas
RECEIVED
JUL 17 1998
GEOSCIENCE ASSESSMENT OFFICE
2.18656
FALCONBRIDGE LIMITED
Exploration Division
Timmins ONTARIO
TEMAGAMI AREA PROPERTIES (P.N. 8031)
CHAMBERS BLOCK
Ground Magnetic survey
Magnetic contours
Data processing and interpretation by:
G. Lambert, P.Eng.
LAMBERT GEOSCIENCES LTD.
January 1997
Cynthia and Chambers Twps, Ontario
Scale 1:5,000
N.T.S. 41P/1, 31M/4
Surveys by: G.L.Geoservice, Rouyn-Noranda, Que.
31M04NW2016 2.18656 CHAMBERS 220



RECEIVED
JUL 17 1998
GEOSCIENCE ASSESSMENT OFFICE

FALCONBRIDGE LIMITED	
Exploration Division — Timmins ONTARIO	
TEMAGAMI AREA PROPERTIES (P.N. 8031)	
CHAMBERS BLOCK	
Ground Magnetic survey	
Magnetic profiles	
Profile base: 56,000 gammas	Profile scale: 1cm=10,000 gammas
Data processing and Interpretation by:	*Cynthia and Chambers Twps, Ontario*
G. Lambert, P.Eng.	*Scale 1:5,000* N.T.S. 41P/1, 31M/4
LAMBERT GEOSCIENCES LTD.	Surveys by: G.L.Geoservice, Rouyn-Noranda, Que.
January 1997	

LEGEND

"STRONG" E.M. (MaxMin) CONDUCTOR.
Probably massive to semi-massive metallic material (sulfides, graphite). Conductor with high conductance and/or appreciable width.

"WEAK" E.M. (MaxMin) CONDUCTOR.
Probably poorly-connected metallic material (stringer sulfides, patchy graphite, sphalerite-enriched sulfides) or electrolytic conductivity originating in porous, water-saturated structures, faults and shears. Also possibly overburden-filled bedrock depressions.

IN-PHASE QUADRATURE

PROFILE SCALE: 1cm=50%
Coil Separation: 150m

N

JOAN TWP
CHAMBERS TWP
CYNTHIA TWP
BRIGGS TWP
CHAMBERS TWP

Ferrim Lake
Kokoko Lake
Charley Lake
Sutton Lake

1206476 1206504 1206493 1211554 1206496 1219867 1219691 1219892 1219690
1220340 1220320 1211556 1220327 1211555 1206492 1219885
1206510 1220326 1206494
1219883 1219900 1219899 1219882 1223130
1217881 1217882 1217879 1217878 1217877 1217876 1217874 1219895 1219864 1217869
1217880 1217866 1217870 1217875 1217871 1217873 1217863 1217861
1219887 1217865 1219886 1219888 1219896 1217872 1219891
1219898 1219897 1217862
1206511 1206512 1206513 1206514 1206515 1206516 1206517 1206518 1206519 1206520 1206521 1206522 1206523 1206524 1206525 1206526 1206527 1206528 1206529 1206530 1206531 1206532 1206533 1206534 1206535 1206536 1206537 1206538 1206539 1206540 1206541 1206542 1206543 1206544 1206545 1206546 1206547 1206548 1206549 1206550 1206551 1206552 1206553 1206554 1206555 1206556 1206557 1206558 1206559 1206560 1206561 1206562 1206563 1206564 1206565 1206566 1206567 1206568 1206569 1206570 1206571 1206572 1206573 1206574 1206575 1206576 1206577 1206578 1206579 1206580 1206581 1206582 1206583 1206584 1206585 1206586 1206587 1206588 1206589 1206590 1206591 1206592 1206593 1206594 1206595 1206596 1206597 1206598 1206599 1206600 1206601 1206602 1206603 1206604 1206605 1206606 1206607 1206608 1206609 1206610 1206611 1206612 1206613 1206614 1206615 1206616 1206617 1206618 1206619 1206620 1206621 1206622 1206623 1206624 1206625 1206626 1206627 1206628 1206629 1206630 1206631 1206632 1206633 1206634 1206635 1206636 1206637 1206638 1206639 1206640 1206641 1206642 1206643 1206644 1206645 1206646 1206647 1206648 1206649 1206650 1206651 1206652 1206653 1206654 1206655 1206656 1206657 1206658 1206659 1206660 1206661 1206662 1206663 1206664 1206665 1206666 1206667 1206668 1206669 1206670 1206671 1206672 1206673 1206674 1206675 1206676 1206677 1206678 1206679 1206680 1206681 1206682 1206683 1206684 1206685 1206686 1206687 1206688 1206689 1206690 1206691 1206692 1206693 1206694 1206695 1206696 1206697 1206698 1206699 1206700 1206701 1206702 1206703 1206704 1206705 1206706 1206707 1206708 1206709 1206710 1206711 1206712 1206713 1206714 1206715 1206716 1206717 1206718 1206719 1206720 1206721 1206722 1206723 1206724 1206725 1206726 1206727 1206728 1206729 1206730 1206731 1206732 1206733 1206734 1206735 1206736 1206737 1206738 1206739 1206740 1206741 1206742 1206743 1206744 1206745 1206746 1206747 1206748 1206749 1206750 1206751 1206752 1206753 1206754 1206755 1206756 1206757 1206758 1206759 1206760 1206761 1206762 1206763 1206764 1206765 1206766 1206767 1206768 1206769 1206770 1206771 1206772 1206773 1206774 1206775 1206776 1206777 1206778 1206779 1206780 1206781 1206782 1206783 1206784 1206785 1206786 1206787 1206788 1206789 1206790 1206791 1206792 1206793 1206794 1206795 1206796 1206797 1206798 1206799 1206800 1206801 1206802 1206803 1206804 1206805 1206806 1206807 1206808 1206809 1206810 1206811 1206812 1206813 1206814 1206815 1206816 1206817 1206818 1206819 1206820 1206821 1206822 1206823 1206824 1206825 1206826 1206827 1206828 1206829 1206830 1206831 1206832 1206833 1206834 1206835 1206836 1206837 1206838 1206839 1206840 1206841 1206842 1206843 1206844 1206845 1206846 1206847 1206848 1206849 1206850 1206851 1206852 1206853 1206854 1206855 1206856 1206857 1206858 1206859 1206860 1206861 1206862 1206863 1206864 1206865 1206866 1206867 1206868 1206869 1206870 1206871 1206872 1206873 1206874 1206875 1206876 1206877 1206878 1206879 1206880 1206881 1206882 1206883 1206884 1206885 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1207011 1207012 1207013 1207014 1207015 1207016 1207017 1207018 1207019 1207020 1207021 1207022 1207023 1207024 1207025 1207026 1207027 1207028 1207029 1207030 1207031 1207032 1207033 1207034 1207035 1207036 1207037 1207038 1207039 1207040 1207041 1207042 1207043 1207044 1207045 1207046 1207047 1207048 1207049 1207050 1207051 1207052 1207053 1207054 1207055 1207056 1207057 1207058 1207059 1207060 1207061 1207062 1207063 1207064 1207065 1207066 1207067 1207068 1207069 1207070 1207071 1207072 1207073 1207074 1207075 1207076 1207077 1207078 1207079 1207080 1207081 1207082 1207083 1207084 1207085 1207086 1207087 1207088 1207089 1207090 1207091 1207092 1207093 1207094 1207095 1207096 1207097 1207098 1207099 1207100 1207101 1207102 1207103 1207104 1207105 1207106 1207107 1207108 1207109 1207110 1207111 1207112 1207113 1207114 1207115 1207116 1207117 1207118 1207119 1207120 1207121 1207122 1207123 1207124 1207125 1207126 1207127 1207128 1207129 1207130 1207131 1207132 1207133 1207134 1207135 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1207511 1207512 1207513 1207514 1207515 1207516 1207517 1207518 1207519 1207520 1207521 1207522 1207523 1207524 1207525 1207526 1207527 1207528 1207529 1207530 1207531 1207532 1207533 1207534 1207535 1207536 1207537 1207538 1207539 1207540 1207541 1207542 1207543 1207544 1207545 1207546 1207547 1207548 1207549 1207550 1207551 1207552 1207553 1207554 1207555 1207556 1207557 1207558 1207559 1207560 1207561 1207562 1207563 1207564 1207565 1207566 1207567 1207568 1207569 1207570 1207571 1207572 1207573 1207574 1207575 1207576 1207577 1207578 1207579 1207580 1207581 1207582 1207583 1207584 1207585 1207586 1207587 1207588 1207589 1207590 1207591 1207592 1207593 1207594 1207595 1207596 1207597 1207598 1207599 1207600 1207601 1207602 1207603 1207604 1207605 1207606 1207607 1207608 1207609 1207610 1207611 1207612 1207613 1207614 1207615 1207616 1207617 1207618 1207619 1207620 1207621 1207622 1207623 1207624 1207625 1207626 1207627 1207628 1207629 1207630 1207631 1207632 1207633 1207634 1207635 1207636 1207637 1207638 1207639 1207640 1207641 1207642 1207643 1207644 1207645 1207646 1207647 1207648 1207649 1207650 1207651 1207652 1207653 1207654 1207655 1207656 1207657 1207658 1207659 1207660 1207661 1207662 1207663 1207664 1207665 1207666 1207667 1207668 1207669 1207670 1207671 1207672 1207673 1207674 1207675 1207676 1207677 1207678 1207679 1207680 1207681 1207682 1207683 1207684 1207685 1207686 1207687 1207688 1207689 1207690 1207691 1207692 1207693 1207694 1207695 1207696 1207697 1207698 1207699 1207700 1207701 1207702 1207703 1207704 1207705 1207706 1207707 1207708 1207709 1207710 1207711 1207712 1207713 1207714 1207715 1207716 1207717 1207718 1207719 1207720 1207721 1207722 1207723 1207724 1207725 1207726 1207727 1207728 1207729 1207730 1207731 1207732 1207733 1207734 1207735 1207736 1207737 1207738 1207739 1207740 1207741 1207742 1207743 1207744 1207745 1207746 1207747 1207748 1207749 1207750 1207751 1207752 1207753 1207754 1207755 1207756 1207757 1207758 1207759 1207760 1207761 1207762 1207763 1207764 1207765 1207766 1207767 1207768 1207769 1207770 1207771 1207772 1207773 1207774 1207775 1207776 1207777 1207778 1207779 1207780 1207781 1207782 1207783 1207784 1207785 1207786 1207787 1207788 1207789 1207790 1207791 1207792 1207793 1207794 1207795 1207796 1207797 1207798 1207799 1207800 1207801 1207802 1207803 1207804 1207805 1207806 1207807 1207808 1207809 1207810 1207811 1207812 1207813 1207814 1207815 1207816 1207817 1207818 1207819 1207820 1207821 1207822 1207823 1207824 1207825 1207826 1207827 1207828 1207829 1207830 1207831 1207832 1207833 1207834 1207835 1207836 1207837 1207838 1207839 1207840 1207841 1207842 1207843 1207844 1207845 1207846 1207847 1207848 1207849 1207850 1207851 1207852 1207853 1207854 1207855 1207856 1207857 1207858 1207859 1207860 1207861 1207862 1207863 1207864 1207865 1207866 1207867 1207868 1207869 1207870 1207871 1207872 1207873 1207874 1207875 1207876 1207877 1207878 1207879 1207880 1207881 1207882 1207883 1207884 1207885 1207886 1207887 1207888 1207889 1207890 1207891 1207892 1207893 1207894 1207895 1207896 1207897 1207898 1207899 1207900 1207901 1207902 1207903 1207904 1207905 1207906 1207907 1207908 1207909 1207910 1207911 1207912 1207913 1207914 1207915 1207916 1207917 1207918 1207919 1207920 1207921 1207922 1207923 1207924 1207925 1207926 1207927 1207928 1207929 1207930 1207931 1207932 1207933 1207934 1207935 1207936 1207937 1207938 1207939 1207940 1207941 1207942 1207943 1207944 1207945 1207946 1207947 1207948 1207949 1207950 1207951 1207952 1207953 1207954 1207955 1207956 1207957 1207958 1207959 1207960 1207961 1207962 1207963 1207964 1207965 1207966 1207967 1207968 1207969 1207970 1207971 1207972 1207973 1207974 1207975 1207976 1207977 1207978 1207979 1207980 1207981 1207982 1207983 1207984 1207985 1207986 1207987 1207988 1207989 1207990 1207991 1207992 1207993 1207994 1207995 1207996 1207997 1207998 1207999 1208000

L 0 L 100 E L 200 E L 300 E L 400 E L 500 E L 600 E L 700 E L 800 E L 900 E L 1000 E L 1100 E L 1200 E L 1300 E L 1400 E L 1500 E L 1600 E L 1700 E L 1800 E L 1900 E L 2000 E L 2100 E L 2200 E L 2300 E L 2400 E L 2500 E L 2600 E L 2700 E L 2800 E L 2900 E L 3000 E L 3100 E L 3200 E

TL 3000 N TL 2500 N TL 2000 N TL 1500 N TL 1000 N

Scale 1:5,000
100m 0 200m 400m

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FALCONBRIDGE LIMITED
Exploration Division Timmins ONTARIO

TEMAGAMI AREA PROPERTIES (P.N. 8031)
CHAMBERS BLOCK
MAXMIN H.L.E.M. SURVEYS
In-Phase & Quadrature profiles
Frequency: 222 Hz Scale: 1cm=50%
Coil Separation: 150m

Data processing and interpretation by:	Cynthia and Chambers Twps, Ontario
G. Lambert, P.Eng.	Scale 1:5,000 N.T.S. 41P/1, 31M/4
LAMBERT GEOSCIENCES LTD.	Surveys by: G.L.Geoservice, Rouyn-Noranda, Que.
January 1997	

GERARD LAMBERT 33174 QUEBEC

3138143W2016 2.18656 CHAMBERS 240

LEGEND

"STRONG" E.M. (MaxMin) CONDUCTOR.
Probably massive to semi-massive metallic material (sulfides, graphite). Conductor with high conductance and/or appreciable width.

"WEAK" E.M. (MaxMin) CONDUCTOR.
Probably poorly-connected metallic material (stringer sulfides, patchy graphite, sphalerite-enriched sulfides) or electrolytic conductivity originating in porous, water-saturated structures, faults and shears. Also possibly overburden-filled bedrock depressions.

IN-PHASE QUADRATURE

PROFILE SCALE: 1cm=50%
Coil Separation: 150m

N

JOAN TWP
CHAMBERS TWP
CYNTHIA TWP
BRIGGS TWP
Ferrim Lake
Kokoko Lake
Charley Lake
Sutton Lake

1206476 1206493 1206496 1206504 1206510 1206511 1206517 1206492 1206494
1211554 1211555 1211556 1220320 1220327 1220340 1220376
1219867 1219883 1219885 1219887 1219888 1219889 1219890 1219891 1219892 1219895 1219896 1219897 1219898 1219899 1219900 1219691 1219690
1217881 1217882 1217869 1217861 1217862 1217863 1217865 1217866 1217871 1217872 1217873 1217874 1217875 1217876 1217877 1217878 1217879 1217880 1217884
1223130

Scale 1:5,000
100m 0 200m 400m

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FALCONBRIDGE LIMITED
Exploration Division Timmins ONTARIO

TEMAGAMI AREA PROPERTIES (P.N. 8031)
CHAMBERS BLOCK
MAXMIN H.L.E.M. SURVEYS
In-Phase & Quadrature profiles
Frequency: 444 Hz Scale: 1cm=50%
Coil Separation: 150m

Data processing and Interpretation by:	*Cynthia and Chambers Twps, Ontario*
G. Lambert, P.Eng.	Scale 1:5,000 N.T.S. 41P/1, 31M/4
LAMBERT GEOSCIENCES LTD.	Surveys by: G.L.Geoservice, Rouyn-Noranda, Que.
January 1997	

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LEGEND

"STRONG" E.M. (MaxMin) CONDUCTOR.
Probably massive to semi-massive metallic material (sulfides, graphite). Conductor with high conductance and/or appreciable width.

"WEAK" E.M. (MaxMin) CONDUCTOR.
Probably poorly-connected metallic material (stringer sulfides, patchy graphite, sphalerite-enriched sulfides) or electrolytic conductivity originating in porous, water-saturated structures, faults and shears. Also possibly overburden-filled bedrock depressions.

IN-PHASE QUADRATURE

PROFILE SCALE: 1cm=50%
Coil Separation: 150m

N

JOAN TWP
CHAMBERS TWP
CYNTHIA TWP
BRIGGS TWP

Ferrim Lake
Kokoko Lake
Charley Lake
Sutton Lake

1206476 1206504 1206493 1211554 1220320 1211556 1220340 1220327 1211555 1206492 1219885 1206511 1206510 1220326 1206494 1206496 1219883 1219900 1219899 1217881 1217882 1219882 1217879 1217878 1217877 1217876 1217874 1219895 1219884 1217869 1223130 1217880 1217866 1217840 1217875 1217871 1217873 1217863 1217861 1219691 1219867 1219887 1217865 1219886 1219888 1219896 1217872 1219891 1219892 1219898 1219897 1717862 1219690

TL 3000 N
TL 2500 N
TL 2000 N
TL 1500 N
TL 1000 N

L 0 L 100 E L 200 E L 300 E L 400 E L 500 E L 600 E L 700 E L 800 E L 900 E L 1000 E L 1100 E L 1200 E L 1300 E L 1400 E L 1500 E L 1600 E L 1700 E L 1800 E L 1900 E L 2000 E L 2100 E L 2200 E L 2300 E L 2400 E L 2500 E L 2600 E L 2700 E L 2800 E L 2900 E L 3000 E L 3100 E L 3200 E

Scale 1:5,000
100m 0 200m 400m

RECEIVED
JUL 17 1998
GEOSCIENCE ASSESSMENT OFFICE

FALCONBRIDGE LIMITED
Exploration Division Timmins ONTARIO

TEMAGAMI AREA PROPERTIES (P.N. 8031)
CHAMBERS BLOCK
MAXMIN H.L.E.M. SURVEYS
In-Phase & Quadrature profiles
Coil Separation: 150m Frequency: 1777 Hz Scale: 1cm=50%

Data processing and interpretation by:	Cynthia and Chambers Twps, Ontario
G. Lambert, P.Eng.	Scale 1:5,000 N.T.S. 41P/1, 31M/4
LAMBERT GEOSCIENCES LTD.	Surveys by: G.L.Geoservice, Rouyn-Noranda, Que.
January 1997	

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