Report Of Work

(1999 Line Cutting & Geophysics)

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NOV 24 1999
GEOSCIENCE ASSESSMENT OFFICE

On

Moberly Property

Moberly & Thorburne Townships
Porcupine Mining Division
Ontario

For

Mr Doug Lalonde

Geoserve Canada Inc

R J Daigle
November 23, 1999

Figure 1: Property location, Moberly & Thorburn Townships.

Moberly Property; Eight adjoining claims in Moberly and Thorburn Townships accommodating 93 units.

1.0 Summary

Mr. Doug Lalonde commissioned Geoserve Canada Inc., of South Porcupine Ontario to do work on eight of his claims in Thorburn and Moberly Townships, Porcupine Mining Division, Northeast Ontario. Geoserve completed **18.4 km of Line Cutting**, and **16.4 km of Mag and IP surveys** from **October 10 to November 20, 1999**. The survey area covers approximately 688 Hectares of mineral rights referred to as the Moberly Property. The claim group accommodates 93 sixteen Hectare claim units (1488 Hectares) situated approximately thirty six kilometers northwest of Timmins Ontario. The eastern portion of the claims is accessible by a haulage road on the west side (15 km marker) of the all season gravel road that continues from the Kamiskotia Highway (HWY 576). The Moberly Property is geologically situated in an environment favorable for VMS type deposits such as the Kidd Creek Mine located 26 km east. Hollinger Mines and Cominco defined two substantial VMS deposits a few kilometers south of the property (Loveland and Byers Townships). Past exploration by Noranda and Amax successfully delineated sulfide occurrence on and near the claims being reported on.

The results of the Fall 1999 Geophysical Survey forms the basis of this report. The results presented particularly the induced polarization survey were a challenge obtaining due to a thick cover of overburden averaging from 50 to 75 meters. The surveys completed delineated targets that warrant further investigation. A thorough compilation is recommended before proceeding with any additional field work.

2.0 1999 Surveys

2.1 Line Cutting

Geoserve crews completed 18.4 kilometers of survey lines from **October 10 to October 18, 1999.** The anchor point for the grid at UTM coordinate 447524E/ 5396012N was located 200 m east and 250 m north of post #3, claim 1224368. The selected grid was laid out for a wide spaced reconnaissance type survey.

2.2 Induced Polarization Survey

procedure

Geoserve completed 16.4 km of time domain induced polarization traverses on six lines from **October 20 to November 20, 1999.** Weather and poor accessibility prolonged the survey period. The Dipole Dipole Array was attempted initially with an A spacing of 50 meters. Bedrock response was very difficult to achieve. Crews switched to the Pole Dipole Array after reading from 1350 m East to 200 m West along line 400 N. The infinity electrode was put beyond 2000 m east of the survey area. . After traversing line 400 N the survey was altered from reading n=1 to n=6 level to n=3 to n=8 levels.. Therefore sections 0+00, 200S, 800N, 1200N, 1700N were all read from n=3 to n=8. Crews used the BRGM six dipole Receiver in conjunction with the Pheonix IPT1 3000 Watt Transmitter for the entire survey.

results

The IP results are presented on six 1: 5000 sections in the back pocket (Plate 1), The apparent resistivity presented are in ohms/ 50 m and the chargeability values are in mV/V. The magnetic survey results are profiled at the top of the sections for convenience.

2.3 Total Field Magnetic Survey

procedure

Mr. Martin Laforest from Timmins, ON, read the total field survey from Nov 11 to Nov 13, 1999. The GSM-19 Overhauser magnetometer was used for the 16.4 km read. No base station was used since a profile was only needed to correlate the underlying magnetic susceptibilities.

results

The total field is presented on PLAN 1 (pocket) profiling the gathered 662 stattions read. No base was removed from posted the data .

3.0 Conclusion

The results of the 1999 ground geophysics are most encouraging on claim 1224368 where deep IP effects are observed on sections 200S and 400E. The underlying geology still remains a mystery with the lack of outcrop in the area.

Additional work is left to the clients discretion.

Respectfully Submitted For Approval,

Richard Daigle

November 22, 1999

4.0 Certification

I **Richard Daigle** residing at 119 Girdwood Cr., South Porcupine, ON, Certify;

1. I have received an Electronic Technologist Certificate in 1979 from Radio College of Canada, Toronto, ON.

2. I have been computer literate and utilized geophysical equipment for nineteen years.

3. Experienced Max-Min (HLEM) interpretations along with field operations under the supervision of John Betz, 1979- 81.

4. Geophysicist Assistant for Kidd Creek Mines under the supervision of Mr. Doug Londry, 1981- 85.

5. Fulfilled geophysical contracts in NE Ontario, 1985-87.

6. Fulfilled geophysical contracts (IP, HLEM, MAG, SP) along with property assessments in Eastern Canada, 1987- 92.

7. Employed by M.C. Exploration Services Inc as Geophysical Evaluator from 1992 to 1997.

8. Owner operator of Geoserve Canada Inc. since August 1997 to recent.

9. **I have no direct interest in the property reported upon.**

DATE: Nov 22/99
Timmins, ON

R J Daigle

5.0 Survey Theory and Equipment Specification

GEM Systems Inc **V. 4.0**
52 West Beaver Creek Road, Unit 14
Richmond Hill, Ontario **Phone; (905) 764- 8008**
Canada, L4B-1L9 **Fax ; (905) 764- 9329**

1.0 Instrument Description

- The sensor is a dual coil type designed to reduce noise and improve gradient tolerance. The coils are electrostatically shielded and contain a proton rich liquid in a pyrex bottle, which also acts as an RF resonator.
- The sensor cable is coaxial, typically RG-58/U, up to 100m long.
- The staff is made of strong aluminum tubing sections. This construction allows for a selection of sensor elevations above the ground during surveys. For best precision the full staff length should be used. Recommended sensor separation in gradiometer mode is one staff section, although two or three section separations are sometimes used for maximum sensitivity.
- The console contains all the electronic circuitry. It has a sixteen key keyboard, a 4x20 character alphanumeric display, and sensor and power input/ output connectors. The keyboard also serves as an ON-OFF switch.
- The power input/output connector also serves as a RS232 input/output and optionally as analog output and contact closure triggering input.
- The keyboard front panel, and connectors are sealed (can operate under rainy conditions)
- The charger has two levels of charging, full and trickle, switching automatically from one to another. Input is normally 110V 50/60Hz. Optionally, 12V DC can be provided.
- The all-metal housing of the console guarantees excellent EM protection.

2.0 Instrument Specifications

Resolution 0.01 nT, magnetic field and gradient
Accuracy 0.20 nT over operating range
Range 20,000 to 120,000 nT automatic tuning, requiring initial setup
Gradient Tolerance over 10,000 nT/m
Operating Interval 3 seconds minimum, faster optional. Reading initiated from keyboard, external trigger, or carriage return via RS-232
Input/Output 6 pin weatherproof connectors
Power Requirements 12V, 200mA peak, 30mA standby, 300mA peak with Gradiometer
Power Source Internal 12V, 1.9Ah sealed lead-acid battery standard, external source optional.
Battery Charger Input; 110/ 220VAC, 50/60Hz and/or 12VDC
Output; 12V dual level charging
Operating Ranges Temperatures; -40°C to +60°C
Battery Voltages; 10.0 V min to 15.0V max
Humidity; up to 90% relative, non condensing
Storage Temperature -50°C to +65°C
Dimensions Console; 223 X 69 X 240 cm
Sensor Staff; 4 x 450mm sections
Sensor; 170 x 71 mm diameter
Weight; Console 2.1Kg Staff 0.9Kg Sensors; 1.1Kg

Magnetic Survey

Theory;

The magnetic method is based on measuring alteration in the shape and magnitude of the earth's naturally occurring magnetic field caused by changes in the magnetization of the rocks in the earth. These changes in magnetization are due mainly to the presence of the magnetic minerals, of which the most common is magnetite, and to a lesser extent ilmenite, pyrrhotite, and some less common minerals. Magnetic anomalies in the earth's filed are caused by changes in two types of magnetization; (1) Induced, caused by the magnetic field being altered and enhanced by increases in the magnetic susceptibility of the rocks, which is a function of the concentration of the magnetic minerals. (2) Remanent magnetism is independent of the earth's magnetic field, and is the permanent magnetization of the magnetic particles (magnetite, etc..) in the rocks. This is created when these particles orient themselves parallel to the ambient field when cooling. This magnetization may not be in the same direction as the present earth's field, due to changes in the orientation of the rock or the field. The ***unit*** *of measurement (variations in intensity) is commonly known as the Gamma which is equivalent to the nanotesla (nT).*

Method;

The magnetometer, ***GSM-19*** *with an Overhauser sensor measures the* ***Total Magnetic Field*** *(TFM) perpendicular to the earth's field (horizontal position in the polar region). The unit has no moving parts, produces an absolute and relatively high resolution measurement of the field and displays the measurement on a digital lighted display and is recorded (to memory). Initially, the tuning of the instrument should agree with the nominal value of the magnetic field for each particular area. The Overhauser procession magnetometer collected the data with a* ***0.2 nanoTesla accuracy.*** *The operator read each and every line at a* ***12.5 m interval*** *with the sensor attached to the top of three (56cm) aluminum tubing sections. The readings were corrected for changes in the earth's magnetic field (diurnal drift) with a similar GSM-19 magnetometer, >>base station<< which automatically read and stored the readings at every 30 seconds. The data from both units was then downloaded to PC and base corrected values were computed.*

IP Method

The phenomena of Induced Polarization (IP) was reported as early as 1920 by Schlumberger. The IP survey technique allows a variety of arrays (which all have advantages and disadvantages) and reads two separate elements;(1)The chargeability or IP effect (M) and Apparent Resistivity. The IP technique is useful for detecting sulphide bodies and is also useful as a structural mapping tool. The IP effect is the measurement of the residual voltage in rocks that remains after the interception of a primary voltage. It includes many types of dipolar charge distributions set up by the passage of current through consolidated or unconsolidated rocks. Among the causes are concentration polarization and electrokinetic effects in rocks containing electronic conductors such as metallic sulphides and graphite. The term overvoltage applies to secondary voltages set up by a current in the earth which decays when it is interrupted. These secondary effects are measure by a receiver via potential electrodes. The current flow is actually maintained by charged ions in the solutions. The IP effect is created when this ionic current flow is converted to electronic current flow at the surface of metallic minerals (or some clays, and platy silicates). The IP method is generally used for prospecting low grade (or disseminated) sulphide ores where metallic particles, sulfides in particular, give an anomalous response. Barren rock (with certain exceptions) gives a low response. In practice, IP is measured in one or two ways;(1) In a pure form, a steady current of some seconds (nominally 2 seconds) is passed and abruptly interrupted. The slowly decaying transient voltage existing in the ground are measured after interruption. This is known as the time domain method. The factor Vs/ Vp is the integrated product for a specified time, and several readings are averaged (suppressing noise and coupling effects). The resultant chargeability, M is essentially an unitless value but it is usually represented in mV/V. The second method entails a comparison of the apparent resistivity using sinusoidal alternating currents of 2 frequencies within the normal range of 0.1 to 10.0 cps.. The factor used to represent the IP effect by this frequency domain method is the percent frequency effect (PFE) and is defined by (R1-R2)/R1x100% where R1 and R2 are the apparent resistivities at the low and high frequencies.

Use and Limitations

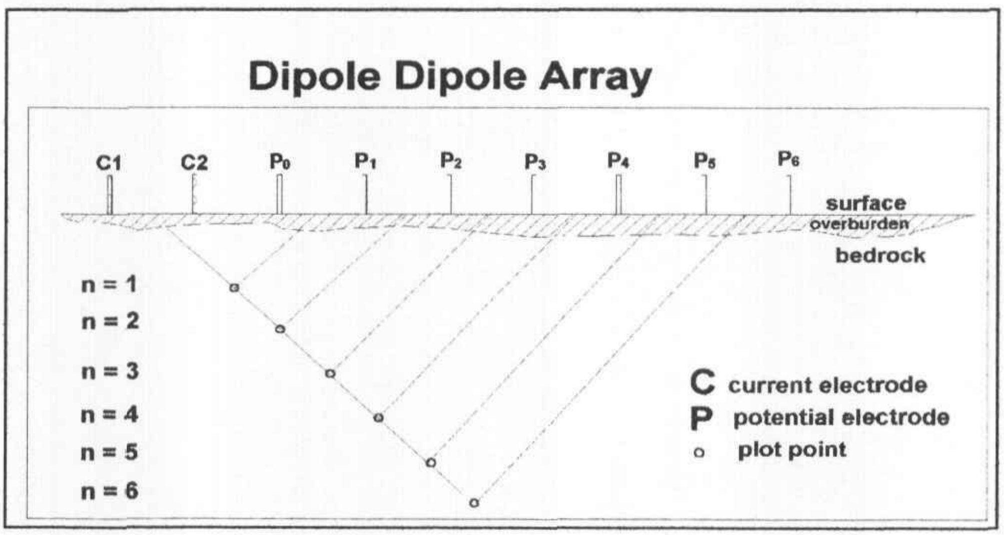
The effective depth of penetration of any IP survey is a function of the resistivity of the surface layer('s) with respect to the resistivity of the lower layer. All arrays have different effects from this resistivity contrast, some are less affected than others. When the surface layer is 0.01 of the lower layer, the effective penetration is very poor hence the term masking. Masking occurs most often in areas of thick clay cover. The size of the target therefore becomes important when detection is desirous under a conductive surface layer. The frequency domain methods are the most adversely affected by masking as inductive coupling can be much greater than the response.

Standard Definitions of Chargeability

The IP parameter, chargeability (M) varies with time. For practical reasons the entire decay curve is not sampled. Instead the secondary voltage is sampled one or more times at various intervals. Because the secondary voltage is received at extremely low levels in many prospecting situations, measurements of its amplitude at any given time is extremely susceptible to noise. Therefore, the secondary voltage is usually integrated for a period of time called a gate. Thus, if the noise has a zero mean, the integration will tend to cancel the noise. The Newmount M Factor is a standard time domain IP parameter. The gate delay, of 80 milliSeconds (used by the IP6) was chosen to allow time for normal electromagnetic effects and capacitive coupling effects between the transmitter and receiver to attenuate so that the secondary voltage consists only of the IP decay voltage.
The IP6 total integration time of 1580 milliSeconds (gate) is divided into ten individual gates. The time-constant of the IP dispersion curve, Cole-Cole dispersion (W H Pelton, 1977), obtained from the ten individual gates (windows) is directly related to the physical size of the metallic particles. This data is available at the clients request since all of the obtained field data is archived (downloaded) to computer.

Decay Curve Integration Time (modes for 2S)

Method	Delay	Gate 1	Gate 2	Gate 3	Gate 4	Gate 5	Gate 6	Gate 7	Gate 8	Gate 9	Gate 10	Total	
Mode 1	240	160	160	160	160	160	160	160	160	160	160	**1600**	arithmic
Mode 3	80	80	80	80	80	160	160	160	320	320	320	**1760**	logarithm
Mode 4	160	120	220	420	820							**1740**	logarithm



Report
Base Metal Properties

PROPERTY LOCATION:

The property is located approximately 22 miles northwest of Timmins, Ontario and straddles the Moberly - Thorburn township boundary. There is road access to the top and bottom part of the property. The claim groups are well located in the area of Kidd Creek mine which is about 12 miles east of the property. It is also located about 8 miles from the Kamiskotia and Jameland mines and also the Jameson mine which is a little south east of the property. The property is in the area of past-producers and the Kidd Creek mine which is still producing yet today.

PROPERTY GEOLOGY:

The property geology is interpreted to be a interbedded sequence of intermediate to felsic flows and pyroclatics with well developed iron formation. The property consists of felsic to intermediate flows of tuff and rhyolite as well as lots of andesite breccia, altered tuff and quartz diorite. The property also has felsic-intermediate metavotcanics, dacite/rhyodacite. There is also bands of quartz chert and pyrrhotite, magnetite and some iron formation, which was logged in a couple of core drill holes which was done on the property in 1966 files. The property also has disseminated and massive sulphides with chalcopyrite and lots of pyrrhotite in the rhyolite tuffs near the iron formation. There was very little drilling done on the six mile strike length of the high mag zones which strike north to south across the property. There are a number of airborne conductors which were never drilled. The airborne was completed by the government, in a survey flown in 1987. The property has the same rock types as the Kidd Creek, Kamiskotia, Jameland, Jameson and now Cross Lake which they are drilling at the present.

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They all have the andesite volcanic breccia and the fragments, altered tuffs, breccia rhyolite and massive rhyolite, chalcopyrite and pyrrhotite.

2 . 19889

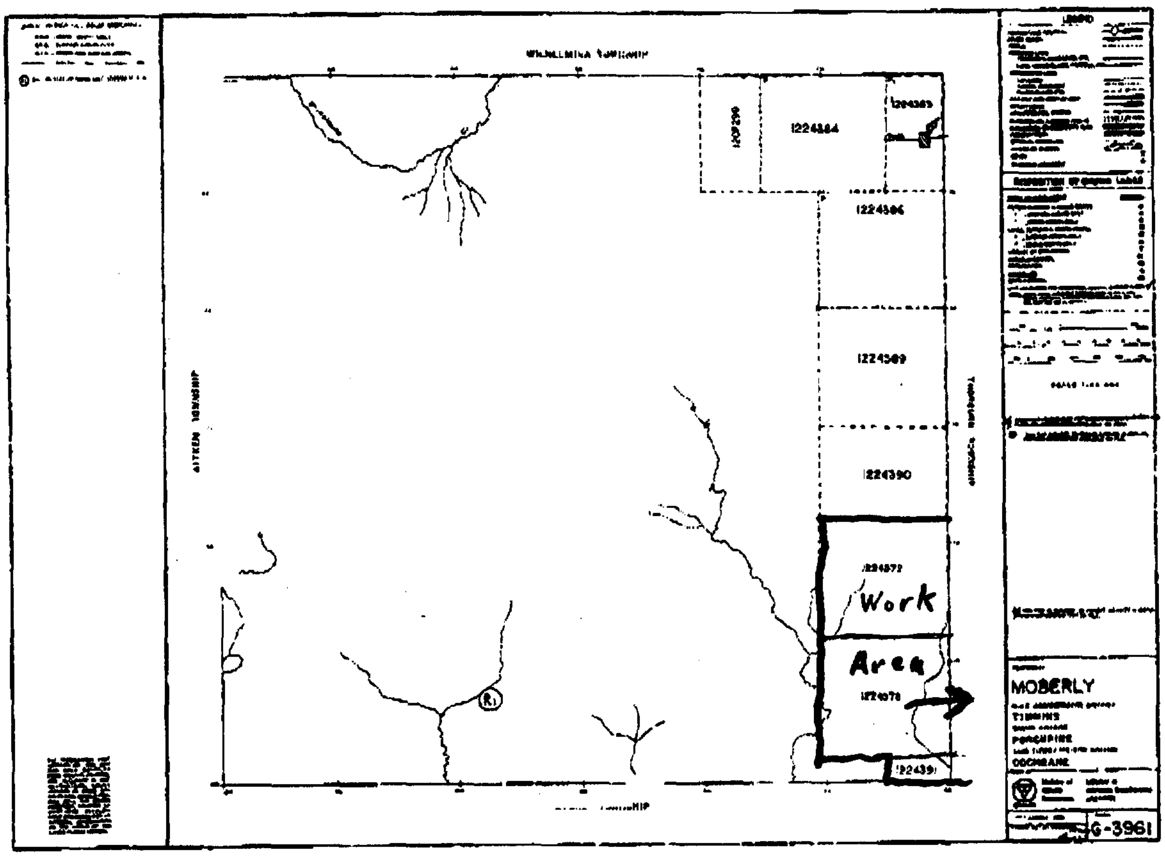
FLOATS SOUTH OF PROPERTY:

There are numerous rock floats in Loveland Township, just 3 miles south of the Moberly-Thorburn Township property. The floats have 2 - 3% Ni. and 1 - 2% Cu. All the floats contain heavy sulphides with Cu.-Ni. in them. The floats are from 2' to 20' across and are angular in shape. Some of the floats are slightly magnetic with a number of them being highly magnetic. The floats may have come from the Moberly-Thorburn property because of the location. There were several holes drilled in the area of the floats, but the source was never found. There was a small deposit of ore (approximately 400,000 tons or more) drilled by Hollinger Mines about 1 mile north west of the floats but the rock type of the floats and the small deposit is not the same rock type at all. The deposit was in the gabbros and the floats are a dunite and phelspar formation. Some of the floats have lots of magnetic. The Moberly-Thorburn Township property has a high mag and some iron formation and magnetite crossing the length of the property from North to South. There ARE also a number of airbornes never drilled on the property. We believe that the floats had to come from the Moberly-Thorburn area because they are so magnetic and there is no other high mag zone north or around the area except for the high mag and iron formation we have across the property. I believe the floats where sitting beside the iron formation or are part of the same ore body with the iron formation.

The grid lines where cut, mag and I.P. survey was done on claims showing on the maps. The reason for the work is to try and locat were the mineralized floats in Loveland Twp came from. The I.P survey was a success and we have very good I.P targets to diamond drill on.

Douglas Lalonde

2.19889



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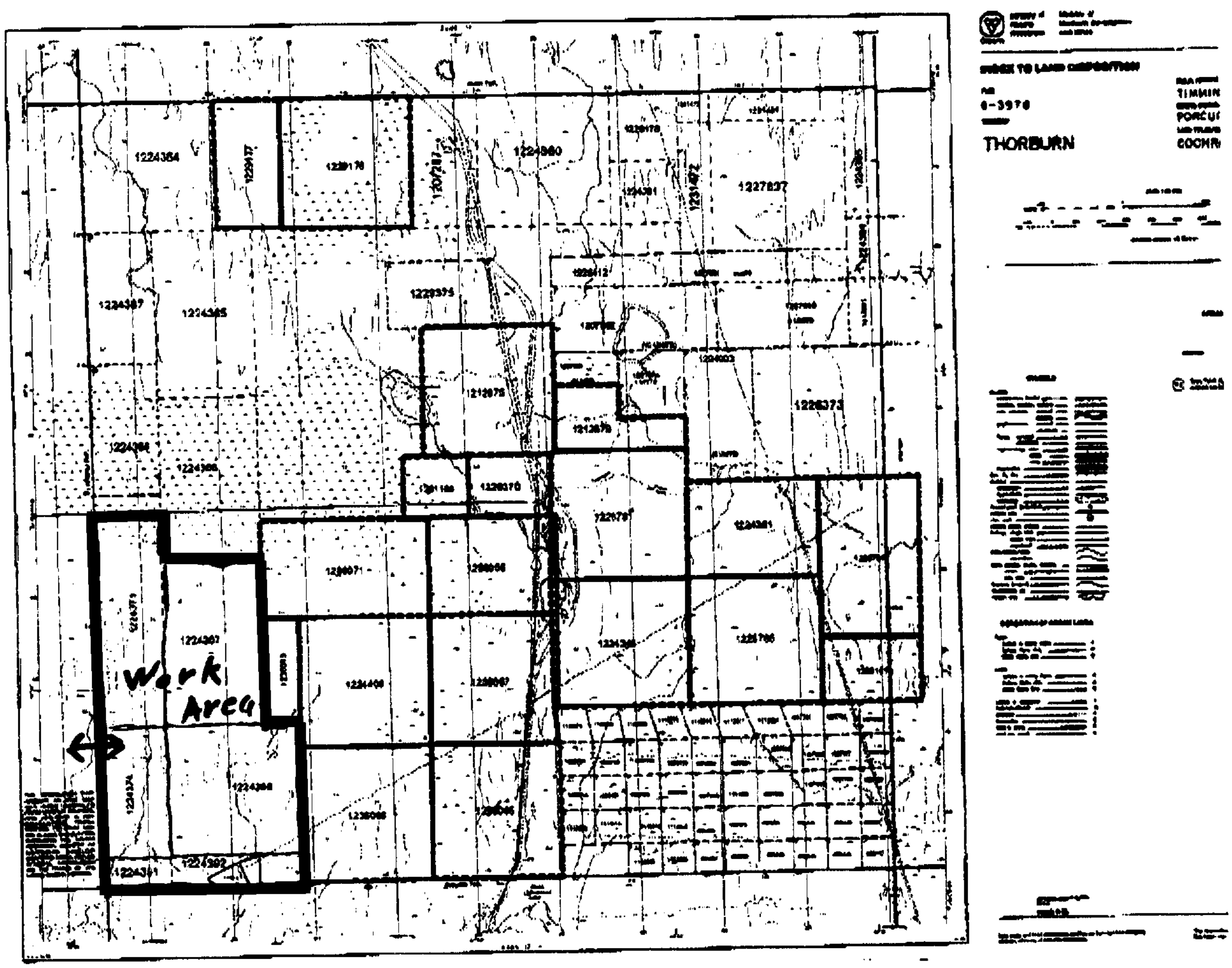

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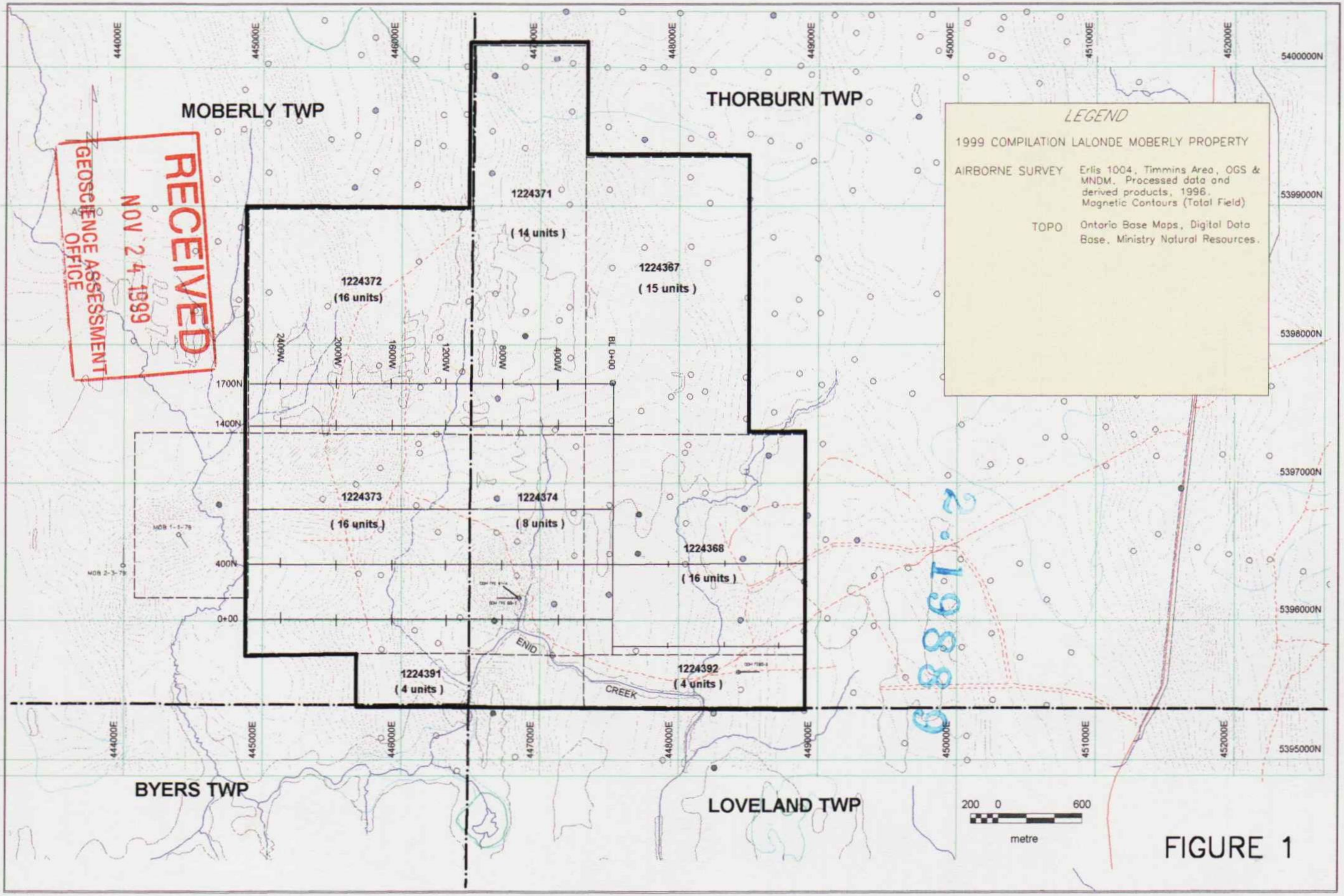

MOBERLY TWP
THORBURN TWP
BYERS TWP
LOVELAND TWP
LEGEND
1999 COMPILATION LALONDE MOBERLY PROPERTY
AIRBORNE SURVEY
Erlis 1004, Timmins Area, OGS & MNDM. Processed data and derived products, 1996. Magnetic Contours (Total Field)
TOPO
Ontario Base Maps, Digital Data Base, Ministry Natural Resources.
1224371
(14 units)
1224372
(16 units)
1224367
(15 units)
1224373
(16 units)
1224374
(8 units)
1224368
(16 units)
1224391
(4 units)
1224392
(4 units)
ENID
CREEK
1700N
1400N
400N
0+00
2400W
2000W
1600W
1200W
800W
400W
BL 0+00
444000E
445000E
446000E
447000E
448000E
449000E
450000E
451000E
452000E
5400000N
5399000N
5398000N
5397000N
5396000N
5395000N
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600
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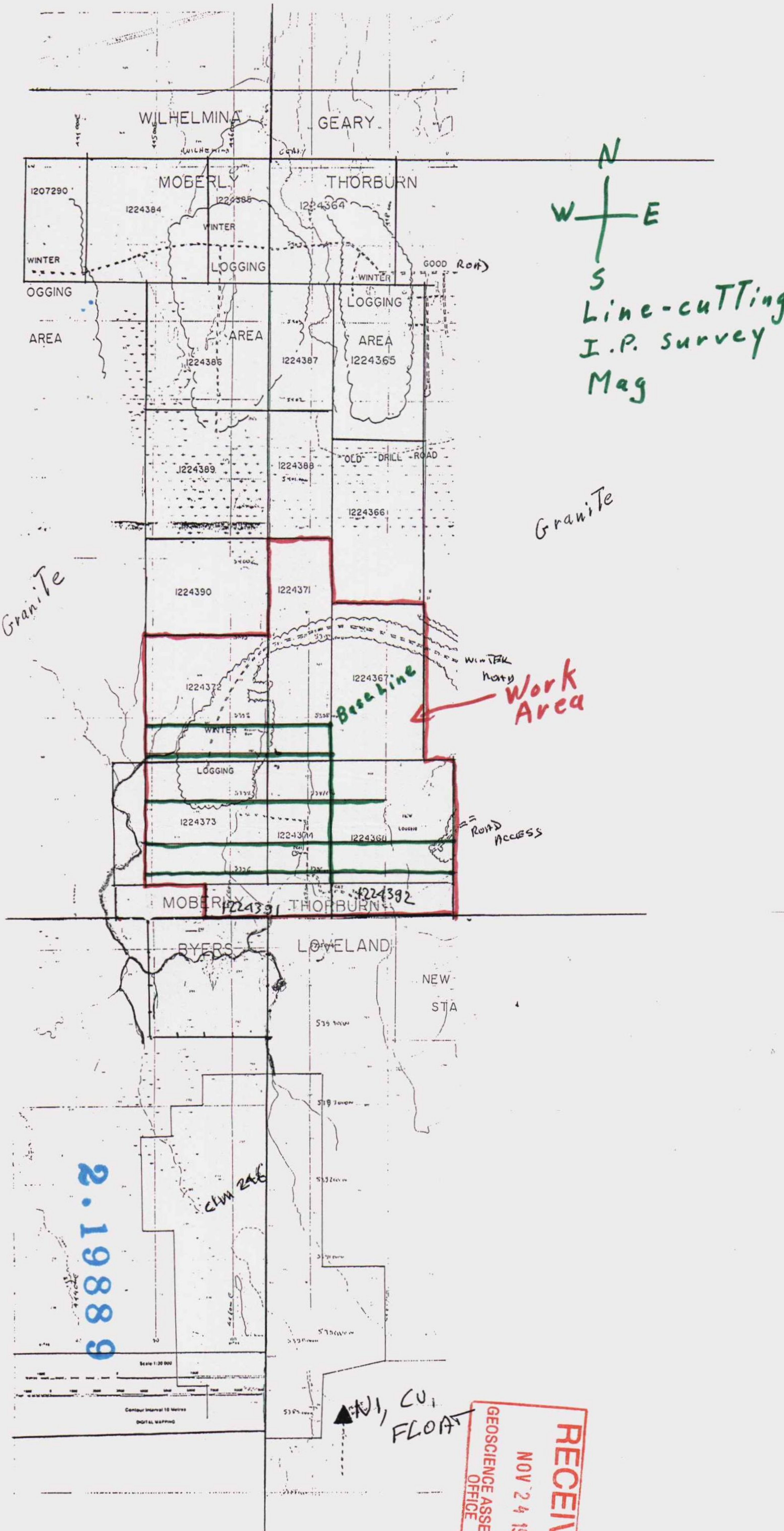
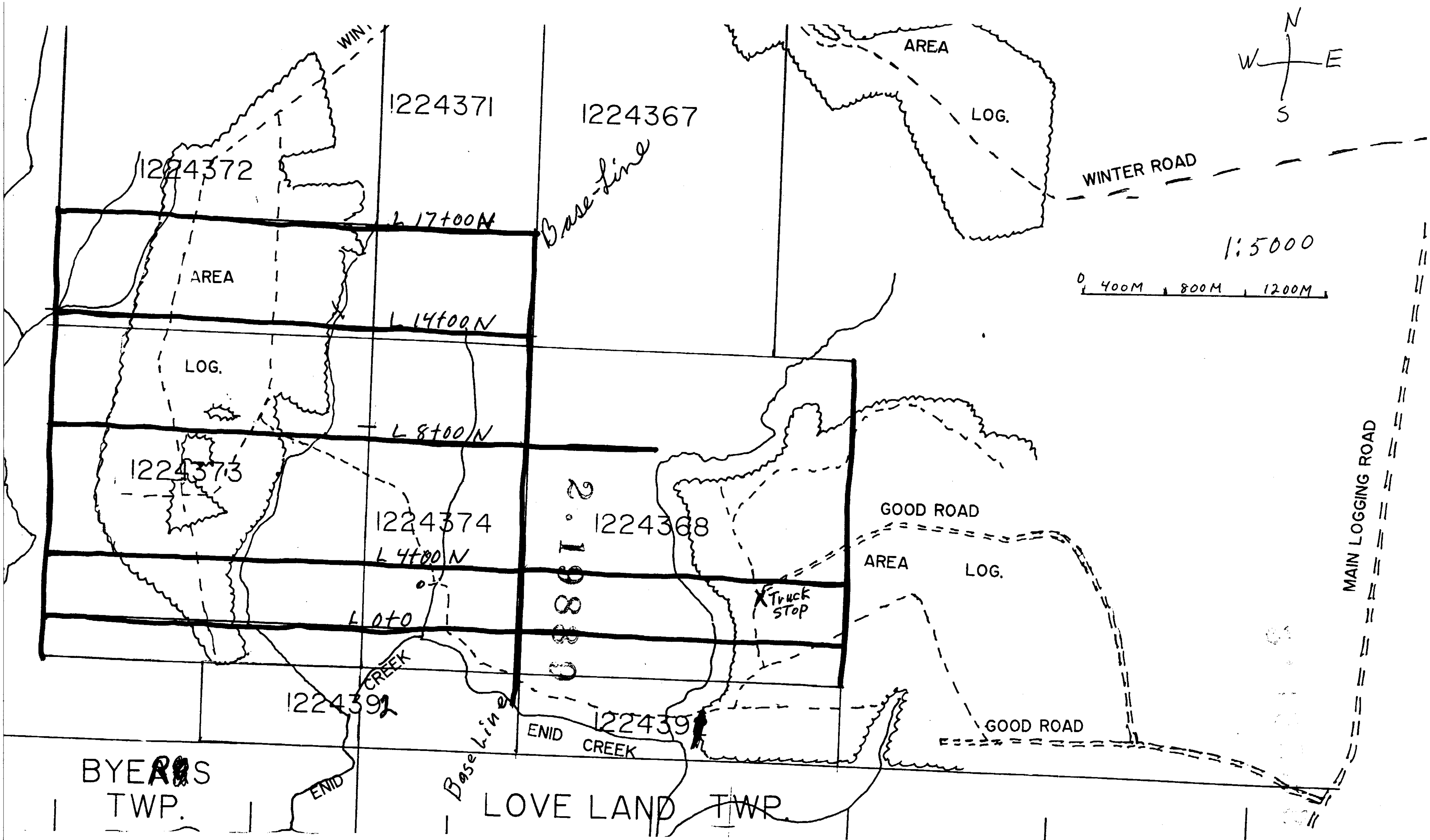
FIGURE 1



WILHELMINA
GEARY
MOBERLY
THORBURN
1207290
1224384
1224385
1224364
WINTER
LOGGING
GOOD ROAD
LOGGING AREA
AREA
1224386
1224387
1224365
OLD DRILL ROAD
1224389
1224388
1224366
N
W
E
S
Line-cutting
I.P. survey
Mag
Granite
Granite
1224390
1224371
1224372
1224367
Baseline
Winter Road
Work Area
WINTER
LOGGING
1224373
1224370
1224369
ROAD ACCESS
MOBERLY
THORBURN
1224391
1224392
BYERS
LOVELAND
NEW
STA
Claim 246
2.19889
Scale 1:20 000
Contour Interval 10 Metres
DIGITAL MAPPING
Ni, Cu, FLOAT



N
W
E
S
WIN.
1224371
1224367
1224372
AREA
LOG.
WINTER ROAD
Base-Line
L 17+00N
1:5000
0 400M 800M 1200M
AREA
L 14+00N
LOG.
L 8+00N
1224373
GOOD ROAD
1224374
1224368
L 4+00N
AREA
LOG.
MAIN LOGGING ROAD
Truck Stop
L 0+0
CREEK
1224392
Base Line
1224391
GOOD ROAD
ENID
CREEK
BYERS TWP.
ENID
LOVE LAND TWP.

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) W9960.00448

Assessment Files Research Imaging

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

42A13SE2002 2.19889 THORBURN 900

2.19889

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: DOUGLAS LALONDE	Client Number: 156077
Address: 53 WAY AVE. TIMMINS, ON P4N 3C4	Telephone Number: (705) 264-5939
	Fax Number:
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.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling stripping, trenching and associated assays ☐ Rehabilitation

Work Type: LINECUTTING, MAG + I.P. SURVEY	**Office Use**
	Commodity:
	Total $ Value of Work Claimed: $38,306
Dates Work Performed From 10 OCT 99 (Day / Month / Year) To 20 NOV 99 (Day / Month / Year)	NTS Reference:
Global Positioning System Data (if available) — Township/Area: MOBERLY, THORRBURN	Mining Division: Porcupine
M or G-Plan Number: G-3961 G-3978	Resident Geologist District: Timmins.

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: GEOSERVE CANADA INC.	Telephone Number: (705) 235-8661
Address: 64 BRUCE AVE., SOUTH PORCUPINE, ON P0N 1H0	Fax Number: (705) 235-8281
Name:	Telephone Number:
Address:	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:

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4. Certification by Recorded Holder or Agent

I, DOUGLAS LALONDE (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: Douglas Lalonde		Date: Nov 23/99
Agent's Address:	Telephone Number: 705-264-5939	Fax Number:

0241 (03/97)

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deemed: Feb. 22/2000

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.

W9960.00448

	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	P-1224367	15		6,000		
2	P-1224368	16	13,500	6,400	5994	1106
3	P-1224371	14	1,456	5,600		
4	P-1224372	16	2,350	6,400		
5	P-1224373	16	16,000	6,400	9,600	
6	P-1224374	8	5,000	3,200	1,800	
7	P-1224391	4		1,600		
8	P-1224392	4		1,600		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
	Column Totals	93	38,306	37,200	17,394	1,106

2.19889

I, DOUGLAS LALONDE (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
Douglas Lalonde	Nov 23/99

6. Instructions 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:

- ☒ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 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)

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Ontario | Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use) W9960.00448

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.

2.19889

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Line Cutting	18.4 Km	$375.00	$6900.00
Mag Survey	16.4 Km	$125.00	$2050.00
IP Survey	Mobilization	$1000.00	$1000.00
IP Survey	16 Days	$1500.00	$24000.00
Report		$850.00	$850.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
ATV Rental **Transportation Costs**			$1000.00
Food and Lodging Costs		Sub Total =	$35800
		Tax	$2506
		Total Value of Assessment Work	$38306.00

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, DOUGLAS LALONDE (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 RECORDED HOLDER. (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: Douglas Lalonde | Date: Nov 23/99

RECEIVED
NOV 24 1999
1:20 PM
PORCUPINE MINING DIVISION

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) 415-9845
Fax: (877) 670-1555

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

December 15, 1999

DOUGLAS JOSEPH LALONDE
53 WAY AVENUE
TIMMINS, Ontario
P4N-3C4

Submission Number: 2.19889

Dear Sir or Madam:

		Status
Subject: Transaction Number(s):	W9960.00448	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 STEVE BENETEAU by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

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

Correspondence ID: 14426
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19889

Date Correspondence Sent: December 15, 1999 **Assessor:** STEVE BENETEAU

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9960.00448	1224368	MOBERLY, THORBURN	Deemed Approval	December 14, 1999

Section:
14 Geophysical IP
14 Geophysical MAG

Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
DOUGLAS JOSEPH LALONDE
TIMMINS, Ontario

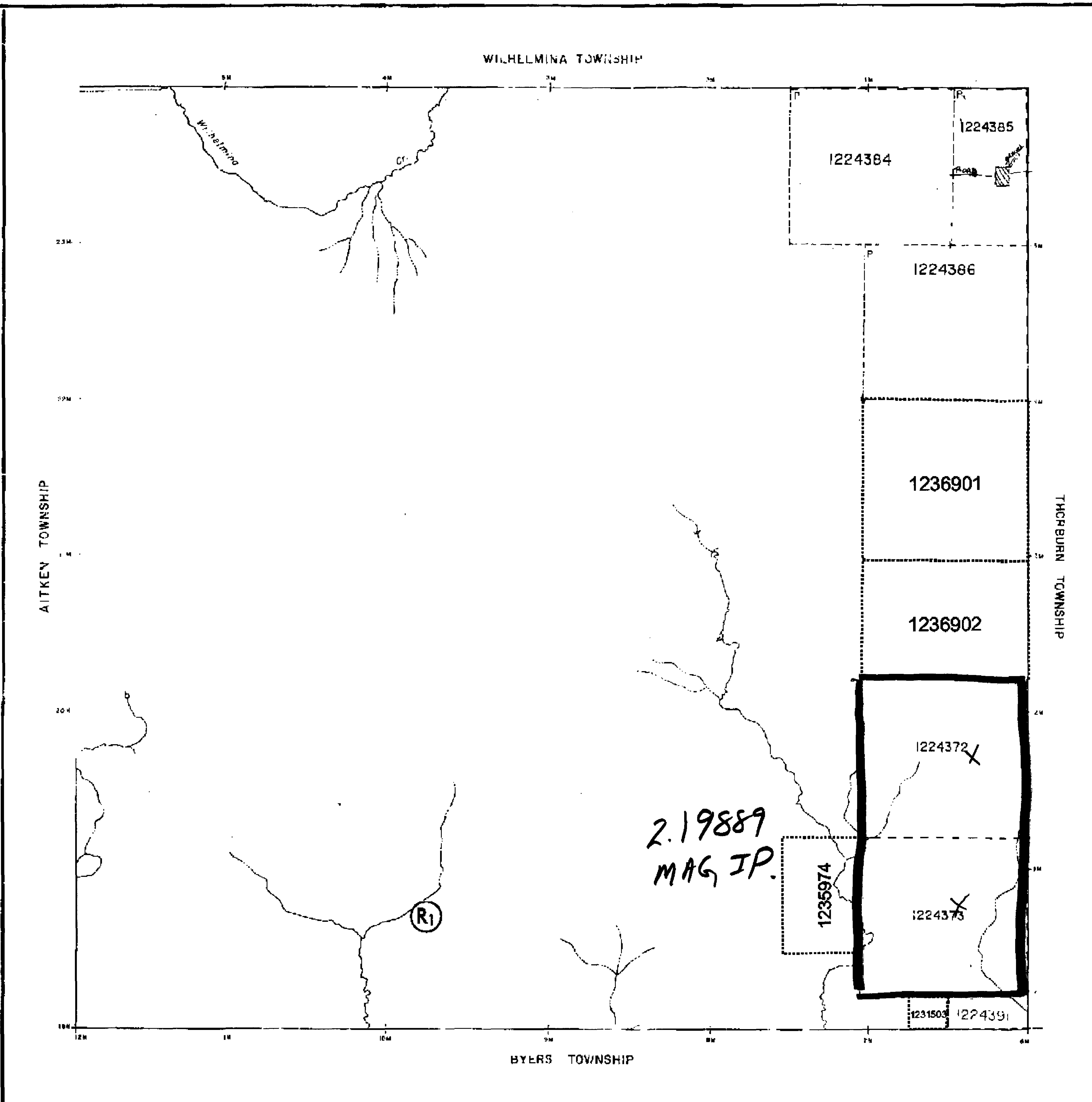
Correspondence ID: 14426

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
(R1) Sec. 35 W-LL-C1702/89		ONT 17/05/89	M & S	

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



LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
RAILS
SURVEYED LINES
TOWNSHIPS, BASELINES, 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	
LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS	

SCALE 1:20 000

THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1994-95 FURTHER INFORMATION AVAILABLE ON FILE.

THIS TWP SUBJECT TO FOREST ACTIVITY IN 1995-96. FURTHER INFORMATION AVAILABLE ON FILE.

DATE OF ISSUE

DEC 1 6 1999

PROVINCIAL RECORDING OFFICE - SUDBURY

THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1995/96 FURTHER INFORMATION ON FILE.

TOWNSHIP

MOBERLY

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

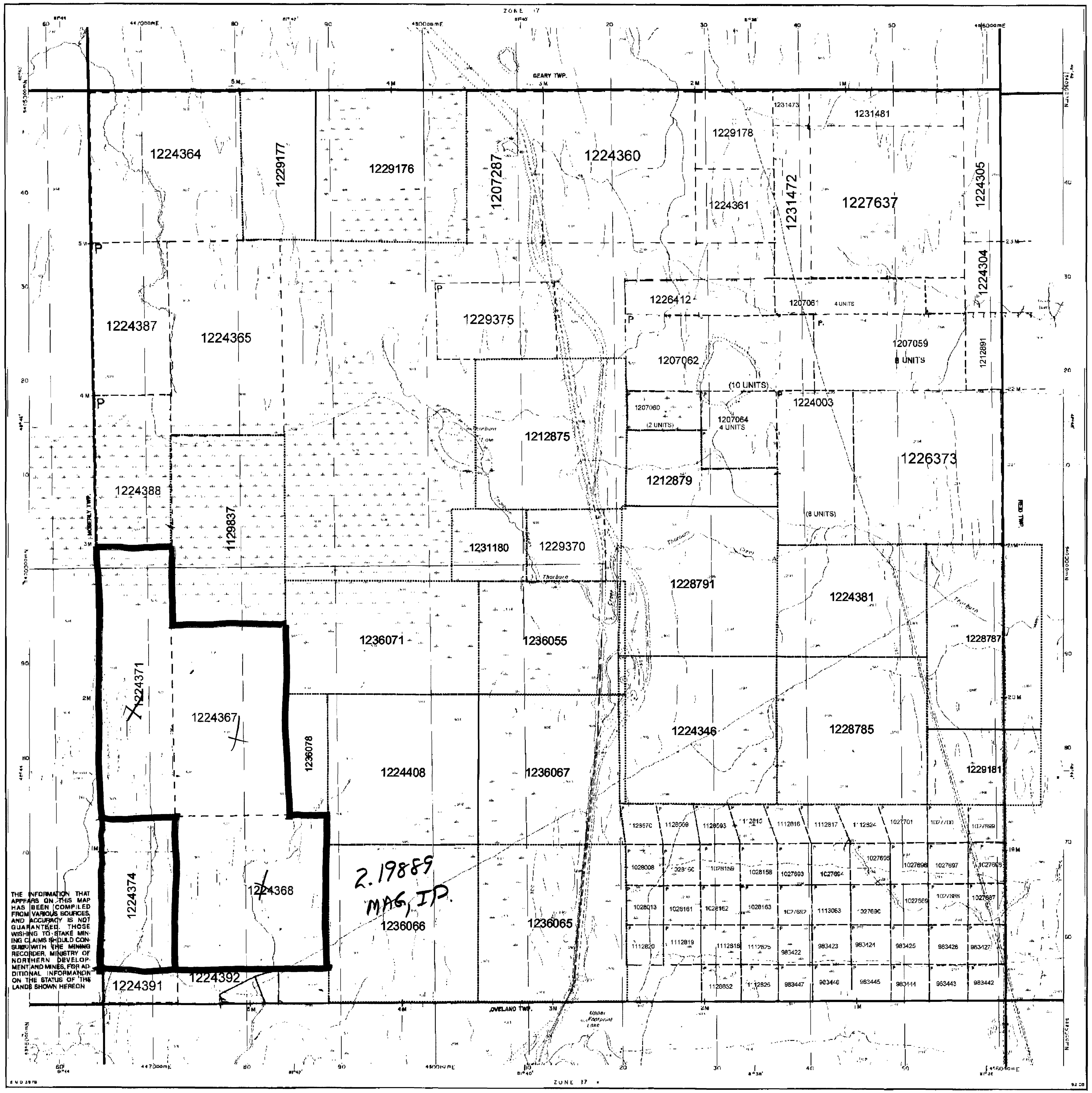
LAND TITLES / REGISTRY DIVISION

COCHRANE

Ministry of Natural Resources — Ministry of Northern Development and Mines — Ontario

Date AUGUST 1988 — Number G-3961

42A13SE2002 2.19889 THORBURN 200



Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

INDEX TO LAND DISPOSITION

PLAN
G-3978

TOWNSHIP
THORBURN

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS

MINING DIVISION
PORCUPINE

LAND TITLES/REGISTRY DIVISION
COCHRANE

Scale 1:20 000

Contour Interval 10 Metres

DATE OF ISSUE

DEC 1 6 1999

PROVINCIAL RECORDING OFFICE - SUDBURY

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File

(F2) THIS TWP SUBJECT OT FOREST ACTIVITY IN 1995/96. AREAS DESIGNATED EXACTLY AS SUBMITTED BY MNR TIMMINS

SYMBOLS

DISPOSITION OF CROWN LANDS

ACTIVATED AUGUST 13, 1992
BY D.C.
CHECKED BY B.B.

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

42A11SE2002 2.19889 THORBURN 210


L 8+00N
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 1999.
L12+00N
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 1999.
RECEIVED
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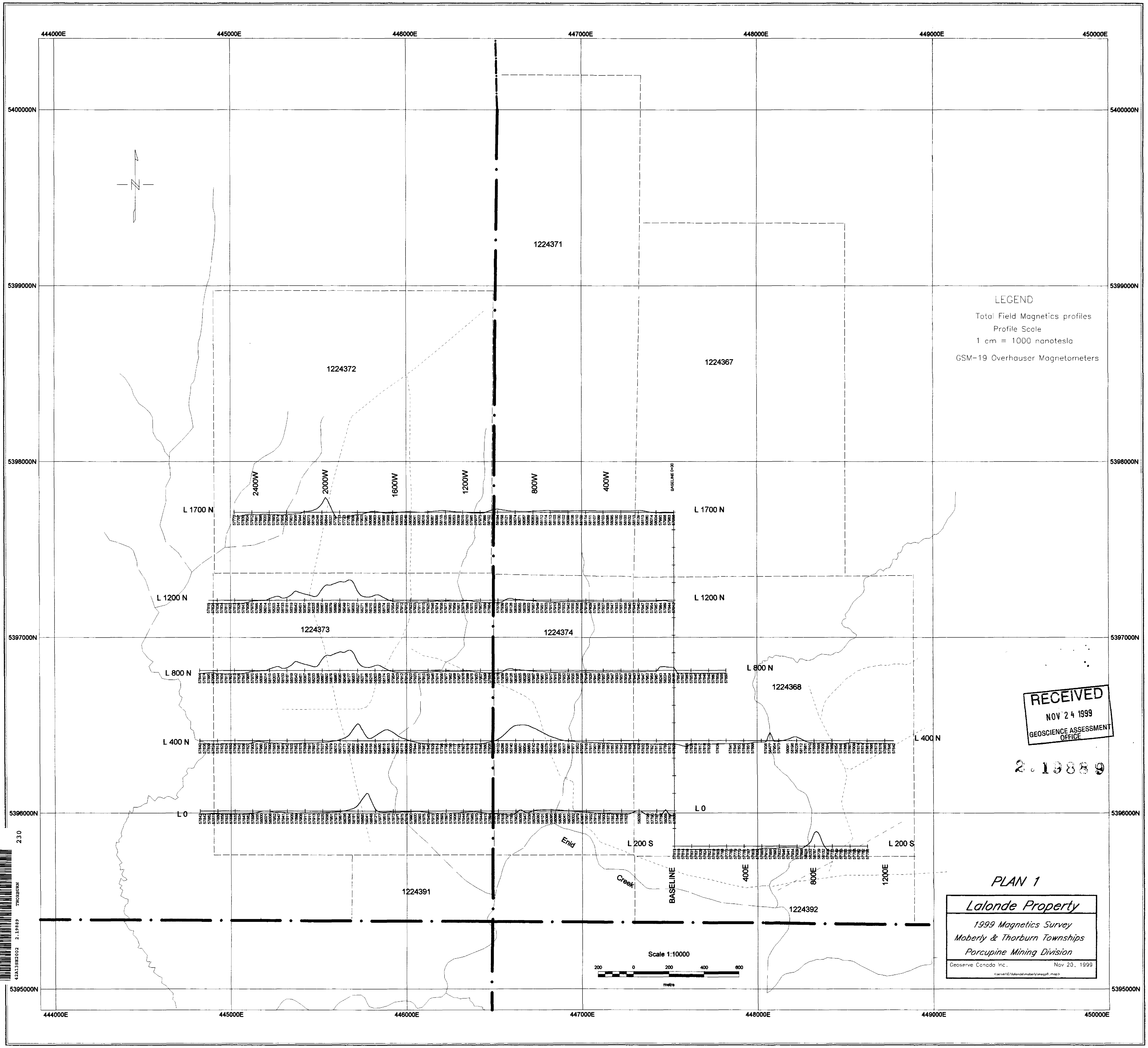
GEOSCIENCE ASSESSMENT OFFICE
2.19889
L 4+00N
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 1999.
L 200S
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 22, 1999
L17+00N
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 1999.
L 0+00N
Moberly Property
Induced Polarization Survey
Geoserve Canada Inc Nov 1999.

Plate 1



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1224368
1224391
1224392
2400W
2000W
1600W
1200W
800W
400W
BASELINE
L 1700 N
L 1200 N
L 800 N
L 400 N
L 0
L 200 S
400E
800E
1200E
Enid
Creek
LEGEND
Total Field Magnetics profiles
Profile Scale
1 cm = 1000 nanotesla
GSM-19 Overhauser Magnetometers
RECEIVED
NOV 24 1999
GEOSCIENCE ASSESSMENT OFFICE
2.19889
PLAN 1
Lalonde Property
1999 Magnetics Survey
Moberly & Thorburn Townships
Porcupine Mining Division
Geoserve Canada Inc.
Nov 20, 1999
Scale 1:10000
200
0
200
400
600
metre
42A13SE2002 2.19889 THORBURN
230