GÉRARD LAMBERT
GÉOSCIENCES

42A01SE2004 2.18437 EBY 010

2.18437

GREATER LENORA RESOURCES Inc.

EBY TOWNSHIP PROPERTY (M-002)

Eby Twp., Ontario

Larder Lake Mining Division

Report on Induced Polarization surveys

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APR 27 1998
GEOSCIENCE ASSESSMENT
OFFICE

Rouyn-Noranda, Québec

March 6, 1998

Gérard Lambert, P.Eng.

Consulting Geophysicist

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Introduction

In January 1998, ground geophysical investigations, consisting namely of Induced Polarization (I.P.) surveys, were carried out the Eby Twp. property, for **Greater Lenora Resources Inc.**

The purpose of these surveys was to map the electrical properties of the underlying bedrock lithologies and to better define the presence and distribution of **potentially auriferous disseminated and stringer sulfides** in bedrock horizons and structures. Considering the paucity of bedrock exposure and the occurrence of significant gold mineralization in the area, as well as the insufficient coverage with adequate modern geophysical techniques from previous exploration work, the present geophysical surveys were also performed in order to better understand and evaluate the significance of bedrock sulphide mineralization, in terms of its width and its concentration.

This report describes the work done, discusses the results obtained as well as the interpretation of the data. Recommendations for any future work are presented in the conclusion. The I.P. survey was carried out between Jan 20 and Jan 24, 1998 by crews of Rémy Bélanger Geophysics, of Rouyn-Noranda, Québec.

Property description, location and access

The **Eby Twp.** property is located in the northwest quadrant of **Eby** township, in northeastern Ontario (Larder Lake Mining Division), approximately 18 km to the SW of **Kirkland Lake** (N.T.S. 42A/1). The property lies between lots 8 and 11 in concession VI of Eby Twp. The survey area is easily accessible by vehicle, driving 17 km southwest from Kirkland Lake on Hwy 66, than driving north and west by ATV or snowmobile along a gravel trail that leads toward Kenogami Lake. Please refer to Figures 1. and 2., showing location maps of the area at scales 1:250,000 and 1:100,000 respectively.

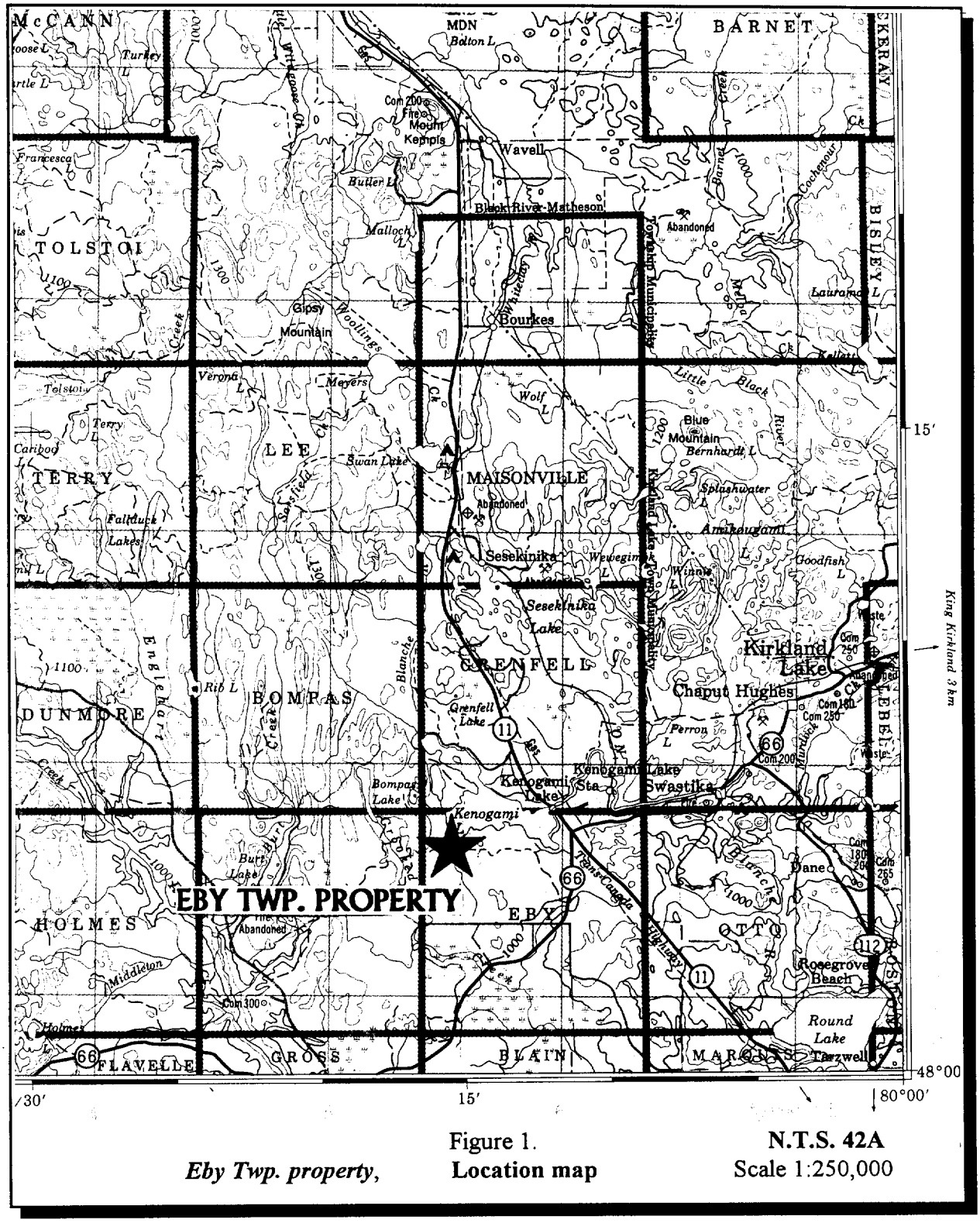


Figure 1. **N.T.S. 42A**

Eby Twp. property, **Location map** Scale 1:250,000

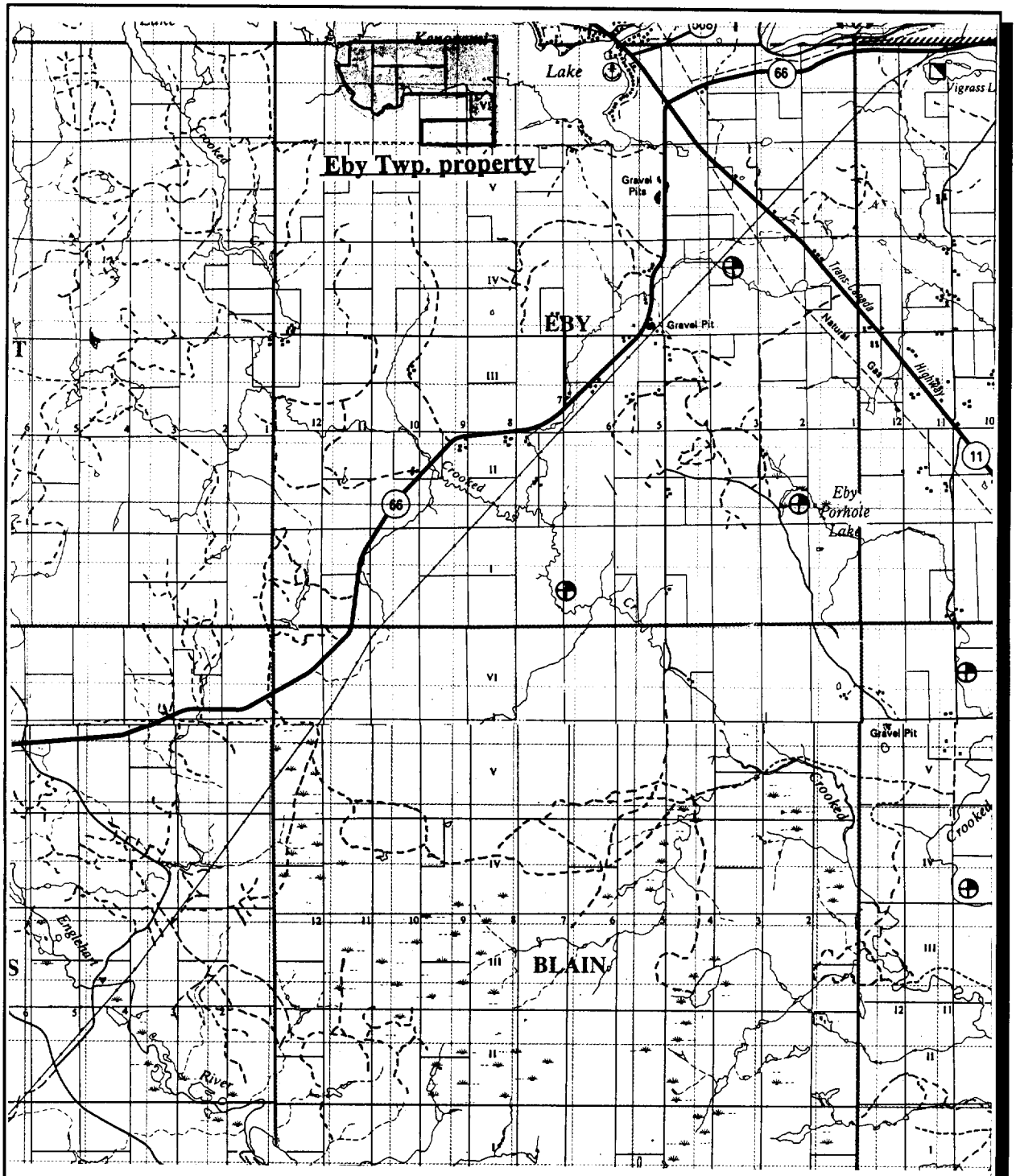


Figure 2.
Eby Twp. property, **Location map**
N.T.S. 42A/1
Scale 1:100,000

The **Eby Twp.** property consists of seven (7) mining claims totaling 19 units. The Induced Polarization surveys discussed in the present report covered the northwest part of the property. The property's claim numbers are: 1186601 (3 units), 1186396 (2 units), 1186394 (3 units), 1186395 (3 units), 1186393 (4 units), 1186392 (1 unit) and 1186391 (3 units). The map shown in figure 3., next page shows the property at 1:50,000. As well, the geophysical maps at 1:5,000 scale appended to this report show the property boundary, claim lines and the claim numbers.

Description of the I.P. surveys

The Induced Polarization survey was carried out along previously cut survey lines, oriented at 335°, spaced every 200 meters and chained/picketed every 25 meters. A base line (B.L. 10+00N), striking at 065°, was used to set off the grid. The survey lines of the present I.P. survey extended from L-9+00mW to L-18+00mW incl.

The **I.P. survey** was conducted between stations 10+00N and 28+00N, using a dipole-dipole electrode configuration. The dipole dimension was 50 meters and successive separations at multiples of n=1, n=2, n=3, n=4, n=5 and n=6 times the dipole dimensions were used, in order to investigate at depth.

A total of approximately **6.4 line-km** of I.P. data was thus gathered by contractor Rémy Bélanger of Rouyn-Noranda.

The I.P. equipment consisted of 1°) a **Phoenix IPT-1** transmitter operating at 1.0 Hz, powered by a 2 kW MG-2 motor generator. The phase-shift angle (in milliradians) between the transmitted current and the received voltage was measured by 2°) a **Phoenix Turbo V-5** phase I.P. receiver, measuring also the apparent resistivity of the earth at each "n". The phase angle is a direct measure of the polarization of the underlying earth.

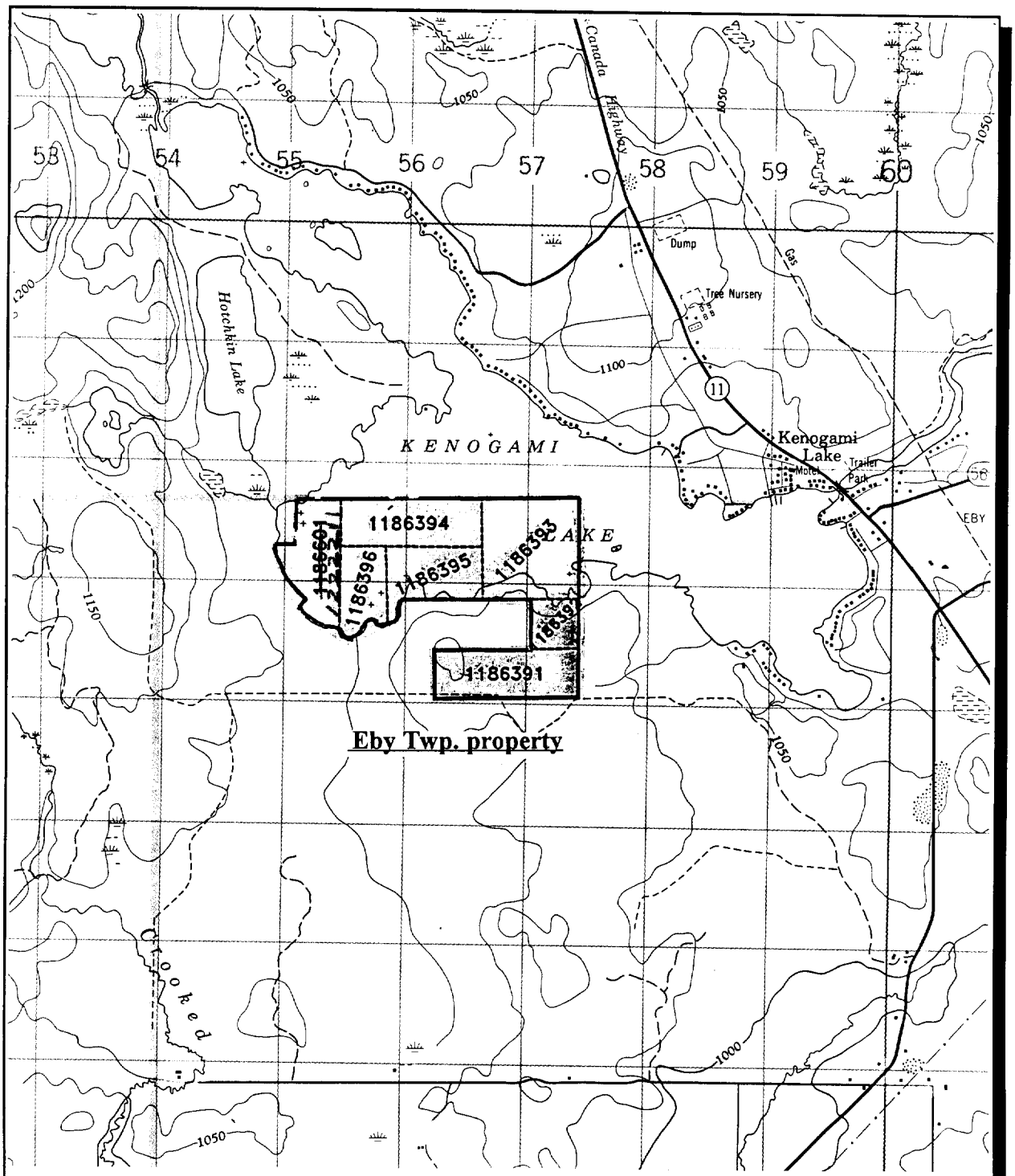


Figure 3.
***Eby Twp. property*, Claims map**
N.T.S. 42A/1
Scale 1:50,000

The results of the I.P. surveys are presented in the appendix, namely in the form of **pseudo-sections** of the apparent resistivities and the measured phase angles, at the scale 1:5,000 and also on **plan maps** at 1:5,000, showing respectively the **contours of the apparent resistivity** at n=2, and the **contours of the Phase (I.P. effect or polarization)** at n=2, both displaying the interpreted I.P. anomalies, using symbols which are explained in the accompanying legend. The decision to use the N=2 data for creating the contour maps was made because of the deep overburden cover and because several anomalous I.P. signatures appeared to originate from relatively deep sources.

Results and interpretation

The Induced Polarization method is probably the best geophysical prospecting tool when investigating for base or precious metals in geological and structural environments such as the Kirkland Lake mining camp and the **Eby Twp.** property area.

Indeed, the I.P. technique is capable of mapping most types of metallic sulfides, even when they do not conduct, which is often the case with structure-hosted gold mineralization associated with disseminated and stringer sulfides in fractures.

Furthermore, the I.P. technique can also discriminate between "poor" E.M. conductors associated with **electrolytic** conductivity such as porous shear zones and overburden depressions (no I.P. effect), and "poor" E.M. conductors caused by low-conductivity **metallic** mineralization, such as stringer sulfides or sphalerite-enriched sulfides (recognizable I.P. effect). Its performance is occasionally hampered by conductive cover such as lacustrine clays and by resistive glacial sand cover (eskers) and also by sources of man-made cultural noise, when present.

In this particular case a 50-meter dipole dimension was chosen because of its penetration capability through the conductive overburden and for outlining potentially deep and wide pyrite-

pyrrhotite-chalcopyrite mineralized zones having a significant depth extent. With the n=6 expanders, and considering the conductive overburden cover within the survey area, this I.P. survey should be able to successfully detect widespread metallic sulphide mineralization in the bedrock to depths of up to 80 meters.

• ***Resistivity***

The resistivity relief, as contoured on the 1:5,000 colour resistivity plan map (see map in appendix), provides a quite faithful image of the overburden's resistivity and thickness, and of the bedrock surface's relief. About half of the survey area particularly in the center of the grid, is characterized by **low apparent resistivities** (<200 ohm-meters), in great part contributed by the conductive clay sediments in Lake Kenogami.

Taking into account the limited surface of the survey, there are no really distinctive trends within the low resistivity area except maybe for a ENE-WSW lineament at about 2200N, which might indicate a tectonic structure underneath the lake.

Judging from the apparent resistivity pseudo-sections, the overburden thickness within the survey area varies between near zero meters (as L1800W near 1700N) to probably 50 meters (combined water and overburden, as north end of lines 900W and 1200W). It is unlikely that many bedrock outcrops will be found within the survey area, but it is certainly worth visiting the higher resistivity sites in case new unknown outcrops may be found.

• ***Polarization (I.P.)***

Referring to the I.P. **pseudo-sections** and the N=2 phase **I.P. contour map** and its accompanying legend, it can be observed that the I.P. anomalies were classified according to their "strength" (i.e. the probable "massiveness" of the causative metallic material) and their degree of definition (a well-defined I.P. anomaly is one which displays a clear, unambiguous

triangular shape on a pseudo-section), as well as according to the behavior of the apparent resistivity.

Conductive, semi-massive and massive metallic mineralization (graphite and/or massive sulfides) will typically cause a **decrease** in the resistivity in addition to a strong I.P. anomaly. So will a mineralized shear corridor carrying disseminated or stringer sulfides. As the concentration of these metallic materials decreases, the drop in resistivity becomes more negligible but the I.P. effect still remains. The symbols used in the interpretation of the I.P. survey are explained on the compilation maps and on the pseudo-sections.

The interpretation and compilation of the I.P. measurements indicate the presence of only two significant anomalous polarization sites within the survey area. These I.P. anomalies can be classified as almost "definite" and are located on line 1800W at about 2075N-2100N, and on line 1600W at about 2050N where a resistivity low coincides with a "moderate" I.P. response. This anomaly being located under the lake, it can only be tested with diamond drilling.

The large spacing (200m) between the survey lines makes it somewhat unreliable to relate anomalies together from line to line, but the general strike direction of the main I.P. anomaly appears to be about E-W.

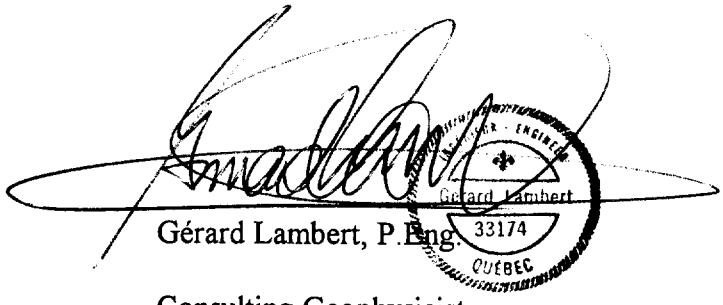
Conclusion and recommendations

The Induced Polarization surveys which were recently completed for **Greater Lenora Resources Inc.** on a part of the **Eby Twp.** property have mapped an area that is heavily covered with low-resistivity, water-saturated overburden whose thickness may reach 50 meters under Lake Kenogami, in the northwest portion of the survey area. Under this blanket is a "moderate" I.P. response that is best defined on lines 1600W and 1800W at 2050N-2075N.

The best target is the anomaly on L-1600W and a drill hole is warranted, aiming at intersecting this zone of probable stringer-sulphides at about 75 meters vertically below surface.

Should it be determined that significant sulphides carrying economic concentrations of base or precious metals are related with this I.P. anomaly, I strongly recommend that the I.P. survey be extended to the east and that it be carried out on a grid of lines spaced by 100 meters instead of 200 meters.

Also it is recommended to check the high-resistivity areas on the south shore of Lake Kenogami in case new bedrock outcrops may be discovered.



Rouyn-Noranda, Québec

March 6, 1998

Gérard Lambert, P.Eng.

Consulting Geophysicist

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)
W9880.00265
Assessment Files Research Imaging

M-002

42A01SE2004 2.18437 EBY 900

ority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the ed to review the assessment work and correspond with the mining land holder. lining Recorder, Ministry of Northern Development and Mines, 6th Floor,

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) 2.18437

Name	Client Number
Greater Lenora	139225
Address	Telephone Number
4 Al Wende Ave. P.O. Box 546	(705) 567-5351
Kirkland Lake, Ont. P2N 3J5	Fax Number (705) 567-5557
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	Office Use
- IP Survey.	Commodity
	Total $ Value of Work Claimed 14,012
Dates Work Performed From 20 Day 01 Month 98 Year To 24 Day 01 Month 98 Year	NTS Reference
Global Positioning System Data (if available) Township/Area Clay Township	Mining Division Larder Lake
M or G-Plan Number M-345	Resident Geologist District Kirkland Lake

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.

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GEOSCIENCE ASSESSMENT OFFICE

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

Name	Telephone Number
Gérard Lambert, P. Eng	(819) 762-3182
Address	Fax Number
144 rue George C.P. 2355 Rouyn J9X 5A9	(819) 762-5364
Name	Telephone Number
Rémy Bélanger Geophysics	(819) 279-2206
Address C.P. 70 Cléry, Québec J0Z 1Y0 Rouyn-Noranda	Fax Number —
Name	Telephone Number
Address	Fax Number

RECEIVED
LARDER LAKE
MINING DIVISION
APR 23 1998
3:40 pm

4. Certification by Recorded Holder or Agent

I, G-LENN KASNER (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
X	April 22/98
Agent's Address	Telephone Number / Fax Number
4 AL WENDE AVE P.O. BOX 546 KIRKLAND LAKE, ON P2N 3J5	(705) 567-5351 / (705) 567-5557

0241 (02/96)

Deemed Till 22/98

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.

W9880. 00265

	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. 2.18437	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	L1222211	3	2616	1200	680	736
2	L1186394	3	790		790	
3	L1186395	3	3600		2762	838
4	L1186396	2	7006		1252	5754
5	L640895	1		684		
6	L640964	1		400		
7	L640966	1		400		
8	L640898	1		800		
9	L640902	1		400		
10	L640903	1		400		
11	L640904	1		800		
12	L640908	1		400		
13	L1202847	2		800		
14	L1202833	1		400		
15						
	Column Totals		14,012	6684	5484	7328

GEOSCIENCE ASSESSMENT OFFICE
RECEIVED
APR 27 1998
10:00

I, GLENN KASNER (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: X [signature] Date: April 23/98

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: RECEIVED LARDER LAKE MINING DIVISION APR 28 1998 3:40 pm

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

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9880.00265
H002

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 6 of the Mining Act, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18437

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
I P Survey	8.2 Km.	$757.	6204.
Report Writing	4 copies	$225.ea	900.
Excavating	8.2 Km.	$400.	3280.

Associated Costs (e.g. supplies, mobilization and demobilization).

Consulting	3,255.
Supplies	108.

Transportation Costs

Gas & oil	265.

Food and Lodging Costs

RECEIVED
LARDER LAKE
MINING DIVISION
APR 23 1998

RECEIVED
APR 27 1998
GEOSCIENCE ASSESSMENT OFFICE

Total Value of Assessment Work 14,012

3:40 PM

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 × 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, GLENN KASNER (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 (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: X [signature] Date: April 23/98

0212 (02/96)

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: (705) 670-5881

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

July 13, 1998

Glenn Kasner
GREATER LENORA RESOURCES CORP
BOX 546, 4 AL WENDE AVENUE
KIRKLAND LAKE, Ontario
P2N-3J5

Dear Sir or Madam:

Submission Number: 2.18437

Subject: Transaction Number(s):		**Status**
	W9880.00265	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: 12543

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18437

Date Correspondence Sent: July 13, 1998 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00265	1222211	EBY	Approval	July 13, 1998

Section:
14 Geophysical IP

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

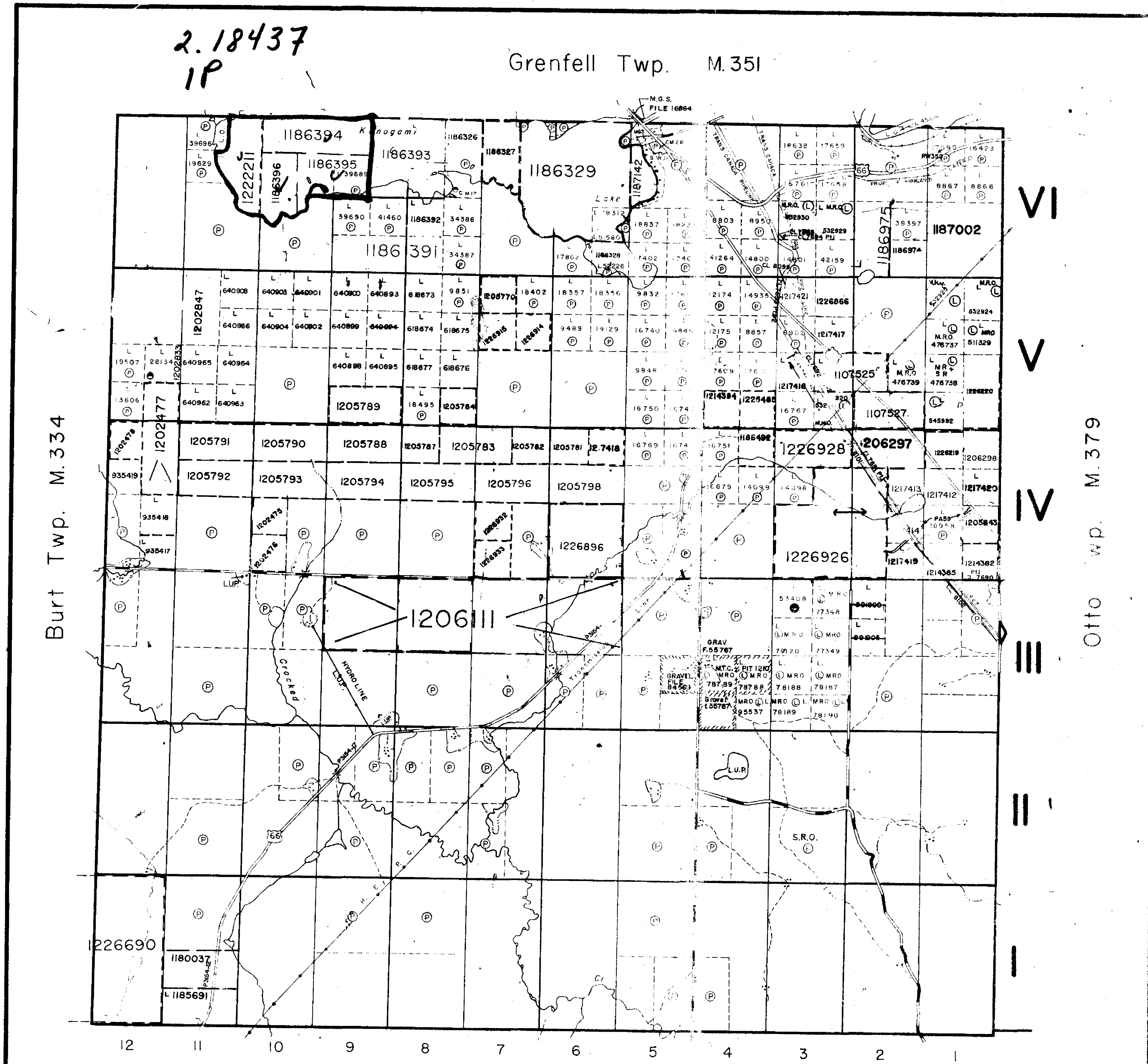
Recorded Holder(s) and/or Agent(s):

Glenn Kasner
GREATER LENORA RESOURCES CORP
KIRKLAND LAKE, Ontario

Correspondence ID: 12543

M.345

2.18437
1P



THE TOWNSHIP OF

EBY

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	● OR S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	⚒
CANCELLED	C.

DATE OF ISSUE
JUL 17 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM STAKING

Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1980, ORDER NO. W-O1/91/ONT (Trans Canada Pipeline Right of Way and Buffer Zone particularly 40.25 meters or 132 ft. on either side of centre line of right of way)

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.

PLAN NO.- M-345

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

COPY OF THIS MYLAR ARCHIVED APR.27/92
ARCHIVED JANUARY 26, 1995
ARCHIVED ON JUNE 01/95
ARCHIVED JULY 19, 1996

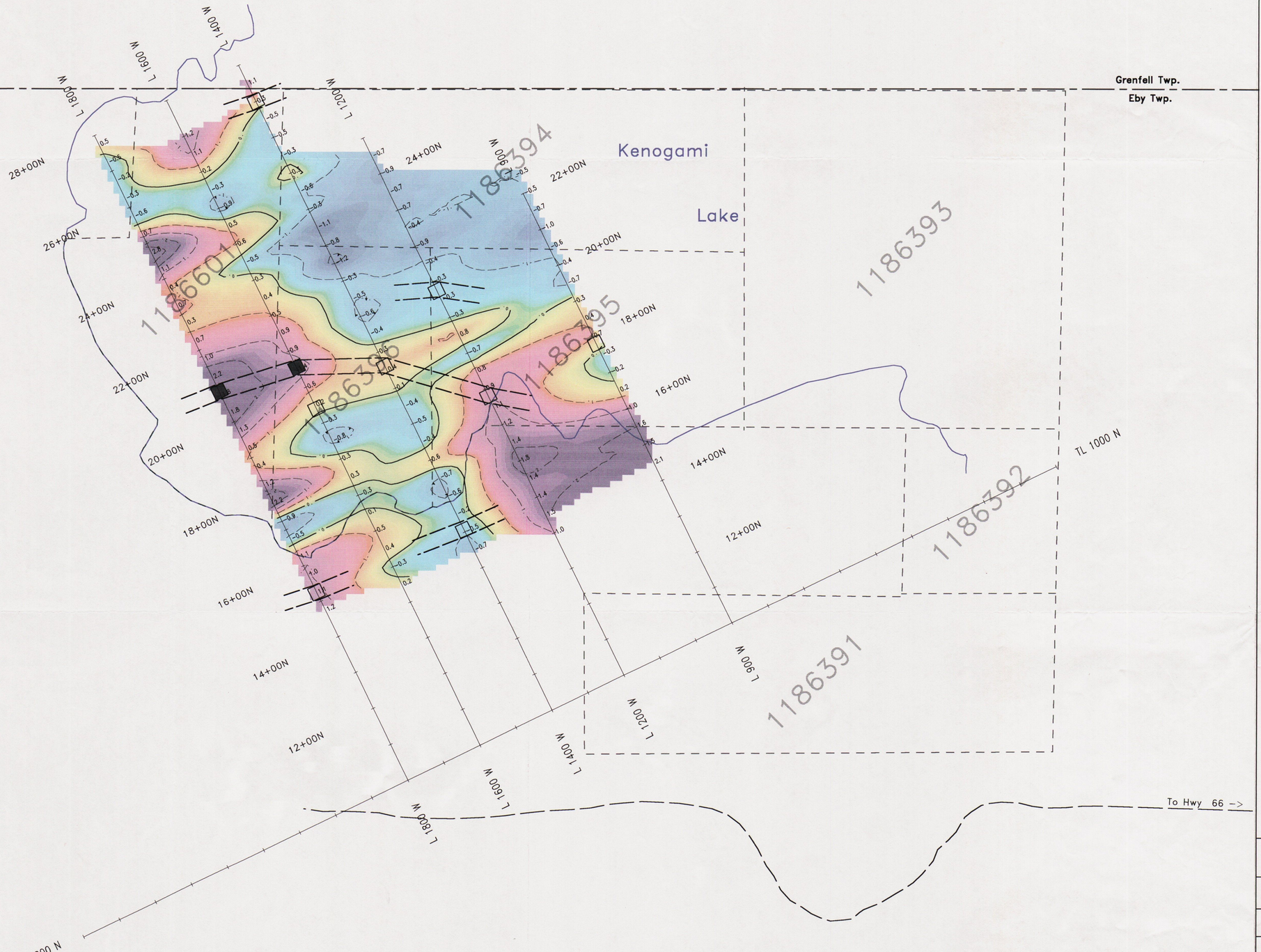
K. Kalmov

42A01SE2004 2.18437 EBY

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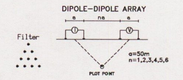
Rec'd Jan. 25/89

TRIM LINE



LEGEND

DIPOLE–DIPOLE ARRAY



Instruments: Phoenix IPT-1 Tx, Turbo V-5 Rx
Frequency: 1.0 Hz
Operator: Remy Belanger

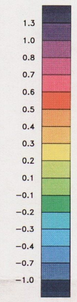
INTERPRETATION

■ Polarisation increase accompanied by a significant decrease of the apparent resistivity.
Semi-massive to massive sulphides, graphite. Normally will cause a conductor on an E.M. survey such as MaxMin or Input.

▣ Polarisation increase without any significant decrease of the apparent resistivity.
Disseminated to stringer to semi-massive sulphides, discontinuous graphite, sphalerite-rich sulphides. Also altered, pyritized structures.
METALLIC MINERALS, MASSIVE MAGNETITE, MICACEOUS MINERALS.

□ Poorly defined polarisation increase with no apparent resistivity signature.
Small quantities of sulphides, narrow mineralized veins, sometimes noisy readings, due to contact problems. MAGNETITE, CLAY OR MICACEOUS MINERALS.

Apparent Resistivity (Ohm-metres)	Phase (I.P. effect) (milliradians)
231.	8.6
318.	4.2
377.	1.6
418.	0.1
467.	0.1
472.	0.5



Phase Shift (I.P. effect) at N=2 (milliradians)

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Scale 1:5,000

100m 0 200m 400m

2.18437

GREATER LENORA RESOURCES Inc.
Kasner Group of Companies

Eby Twp. Property

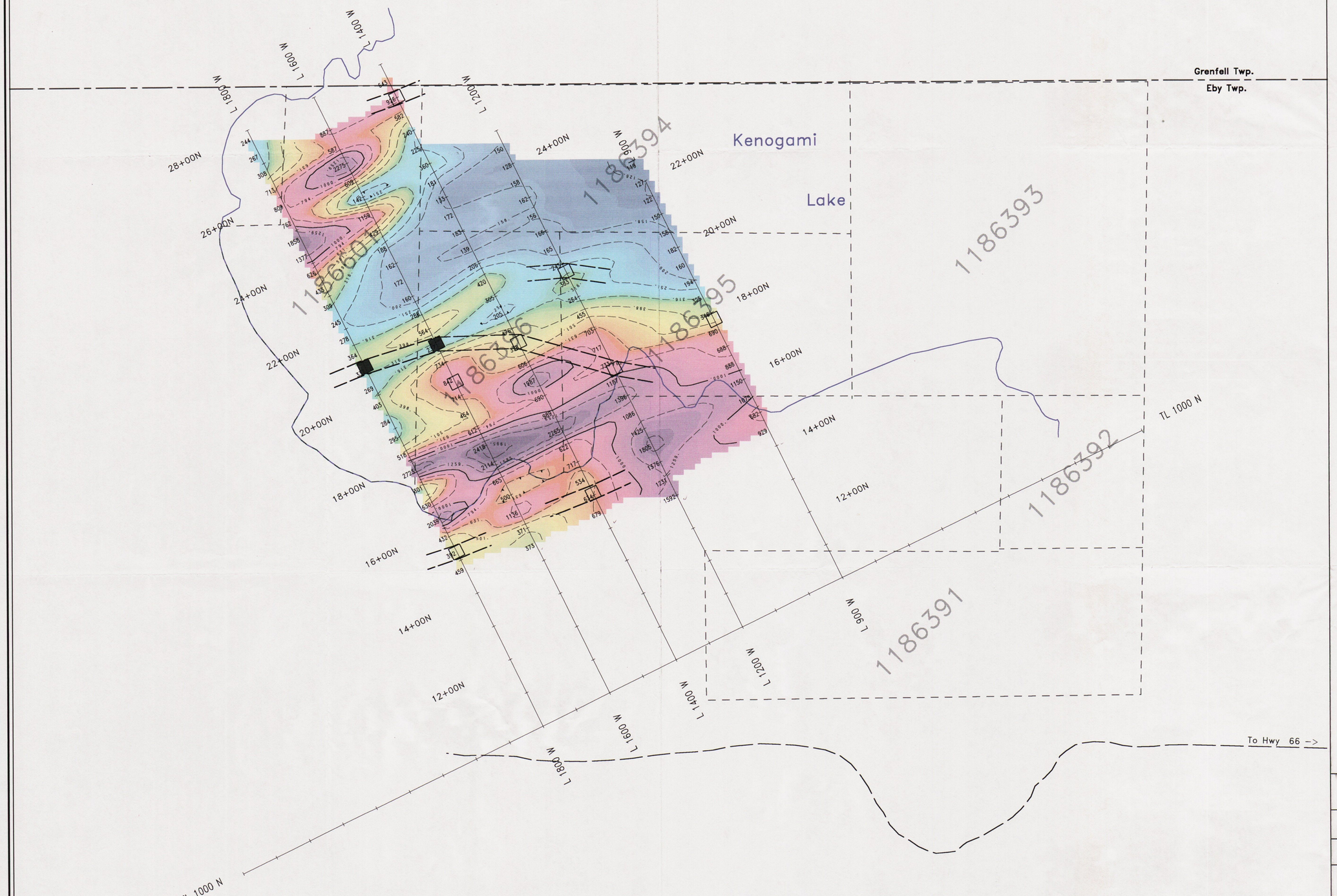
Project M-002

Induced Polarization survey
Contours of the Phase shift (I.P. effect)

Data processing and interpretation by G. Lambert, P.Eng.	Eby Township, N.E. Ontario
	Scale 1:5,000
LAMBERT GEOSCIENCES Ltd., Rouyn-Noranda, Qué.	NTS 42 A/1
February 1998	I.P. survey by: Remy Belanger

INGÉNIEUR-ENGINEER GERARD LAMBERT 33174 QUÉBEC

42A01SE2004 2.18437 EBY 210



LEGEND

DIPOLE-DIPOLE ARRAY

Filter

a=50m
n=1,2,3,4,5,6

PLOT POINT

Instruments: Phoenix IPT-1 Tx, Turbo V-5 Rx
Frequency: 1.0 Hz
Operator: Remy Belanger

INTERPRETATION

Polarisation increase accompanied by a significant decrease of the apparent resistivity.
Semi-massive to massive sulphides, graphite. Normally will cause a conductor on an E.M. survey such as MaxMin or Input.

Polarisation increase without any significant decrease of the apparent resistivity.
Disseminated to stringer to semi-massive sulphides, discontinuous graphite, sphalerite-rich sulphides. Also altered, pyritized structures.
METALLIC MINERALS, MASSIVE MAGNETITE, MICACEOUS MINERALS.

Poorly defined polarisation increase with no apparent resistivity signature.
Small quantities of sulphides, narrow mineralized veins, sometimes noisy readings, due to contact problems. MAGNETITE, CLAY OR MICACEOUS MINERALS.

Apparent Resistivity (Ohm-metres)		Phase (I.P. effect) (milliradians)
231.	8.6	
318.	4.2	
377.	1.8	
418.	0.1	
467.	0.1	
472.	0.5	

RECEIVED
APR 27 1998
GEOSCIENCE ASSESSMENT OFFICE

Scale 1:5,000

100m 0 200m 400m

2.18437

GREATER LENORA RESOURCES Inc.
Kasner Group of Companies

Eby Twp. Property

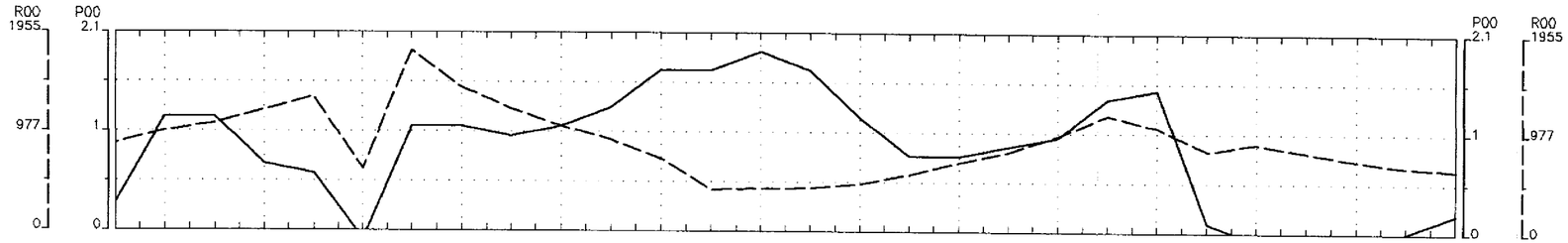
Project M-002

Induced Polarization survey
Contours of the apparent resistivity

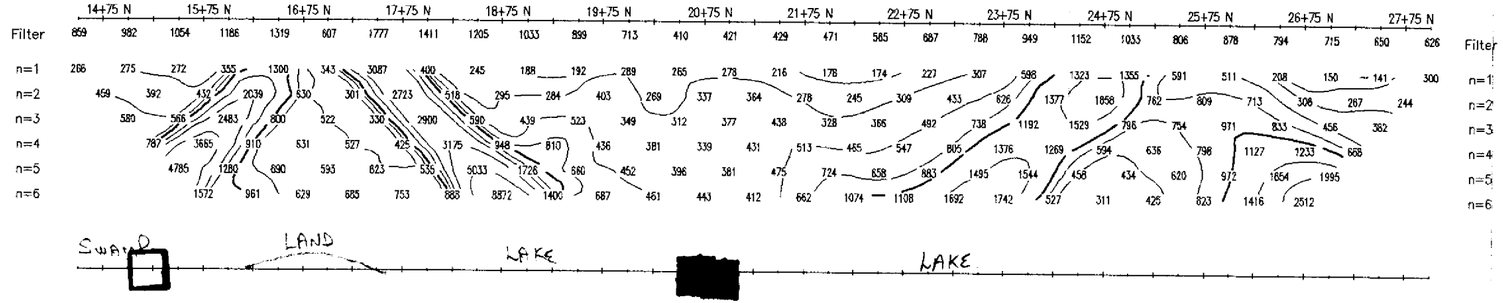
Data processing and interpretation by	Eby Township, N.E. Ontario
G. Lambert, P.Eng.	Scale 1:5,000
LAMBERT GÉOSCIENCES Ltd., Rouyn-Noranda, Qué.	NTS 42 A/1
February 1998	I.P. survey by: Remy Belanger

INGÉNIEUR-ENGINEER GÉRARD LAMBERT 33174 QUÉBEC

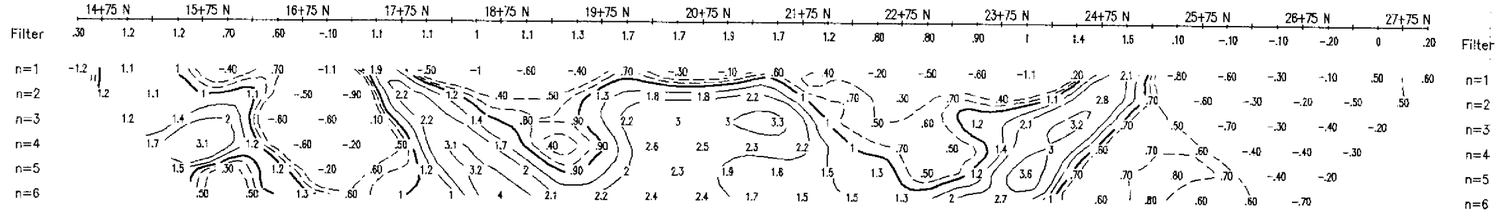
42A01SE2004 2.18437 EBY 220



RESISTIVITY
OHM-METERS



PHASE
MRAD

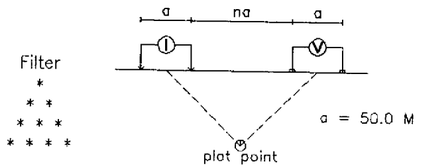


RESISTIVITY
OHM-METERS

PHASE
MRAD

Line 1800 W

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

GREATER LENORA RESOURCES

INDUCED POLARIZATION SURVEY
PROJECT # M-002 EBY TWP.
KIRKLAND LAKE AREA, ONTARIO.

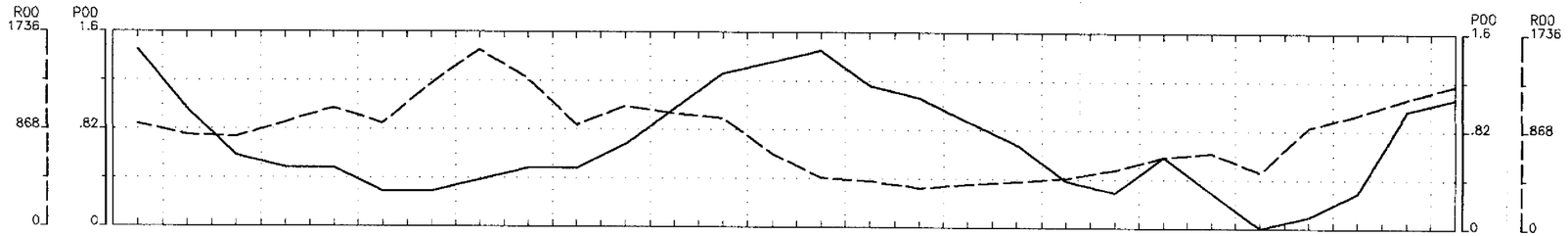
Date: 98/01/24
Interpretation: GERARD LAMBERT

REMY BELANGER (GEOPHYSICAL CONTRACTOR) RX V-5 PHOENIX

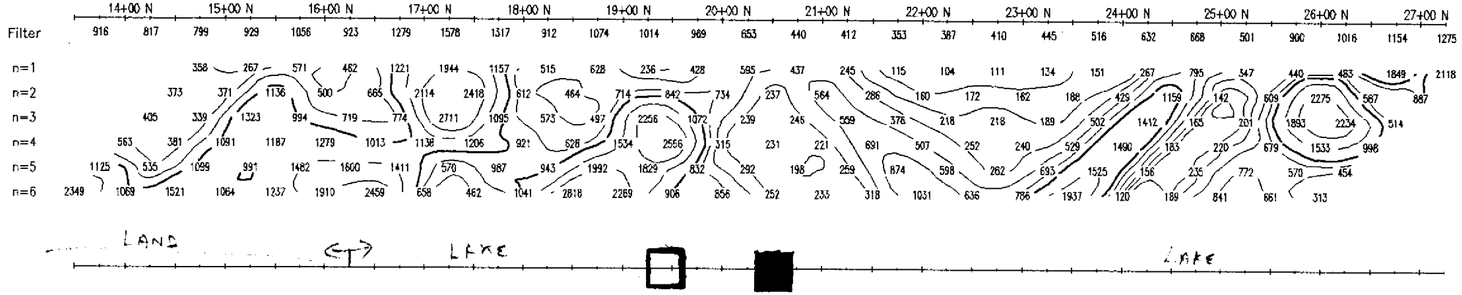
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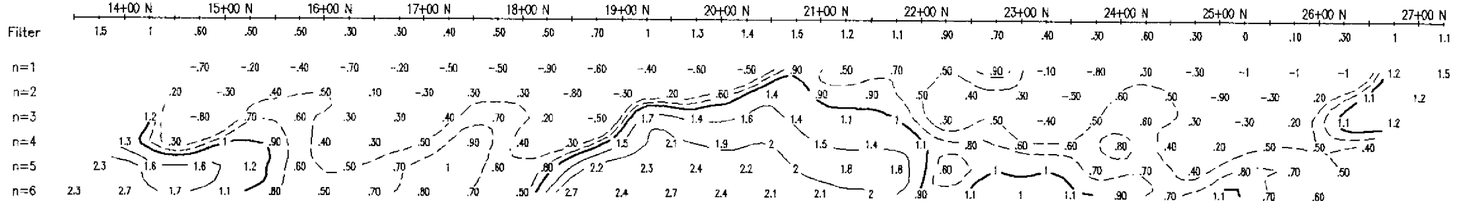


RESISTIVITY
OHM-METERS



RESISTIVITY
OHM-METERS

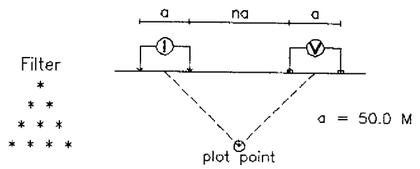
PHASE
MRAD



PHASE
MRAD

Line 1600 W

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

GREATER LENORA RESOURCES

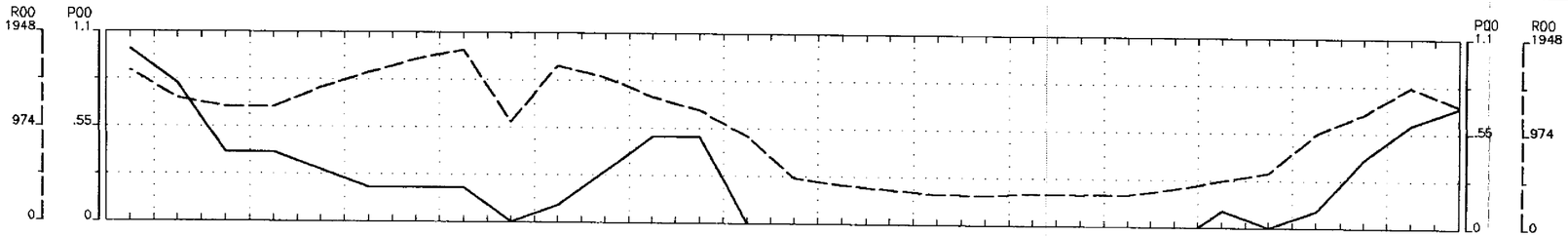
INDUCED POLARIZATION SURVEY
PROJECT # M-002 EBY TWP.
KIRKLAND LAKE AREA, ONTARIO.

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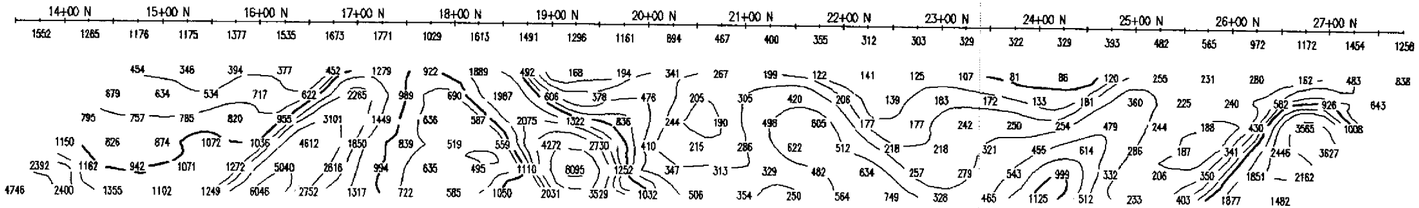
REMY BELANGER (GEOPHYSICAL CONTRACTOR) RX V-5 PHOENIX

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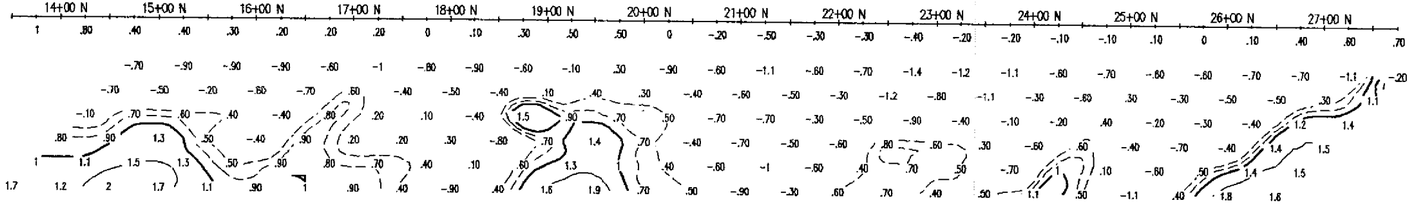


RESISTIVITY
OHM-METERS



RESISTIVITY
OHM-METERS

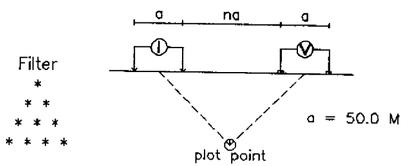
PHASE
MRAD



PHASE
MRAD

Line 1400 W

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

GREATER LENORA RESOURCES

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KIRKLAND LAKE AREA, ONTARIO.

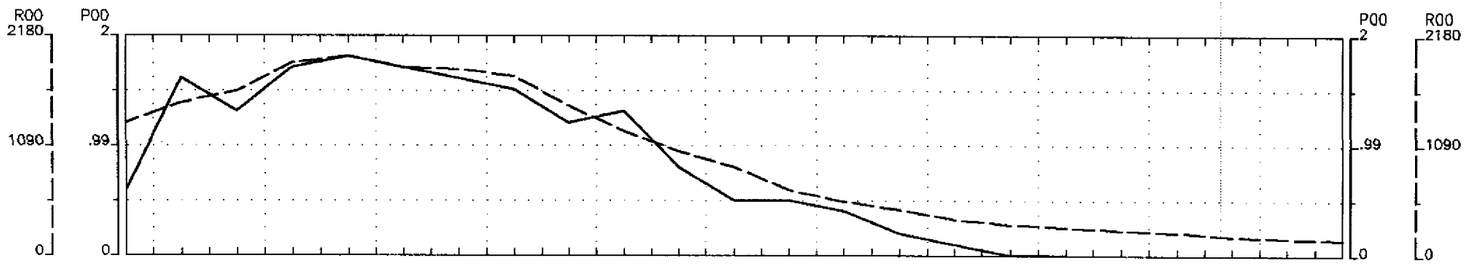
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REMY BELANGER (GEOPHYSICAL CONTRACTOR) RX V-5 PHOENIX

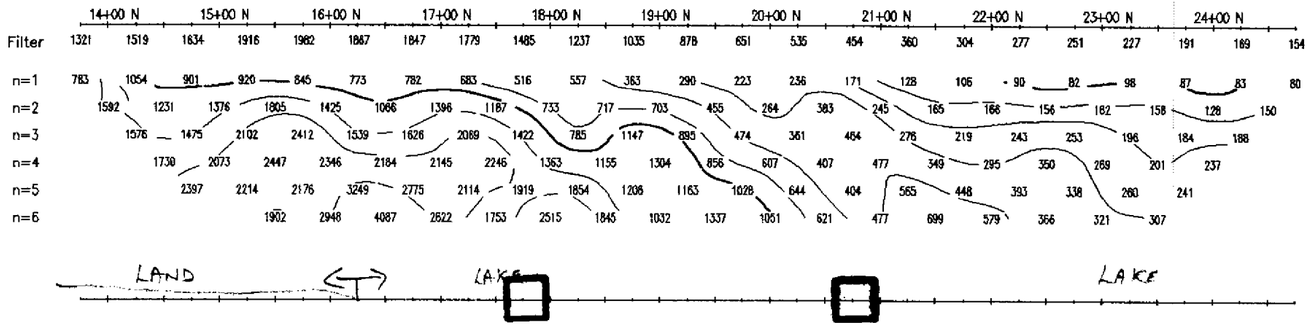
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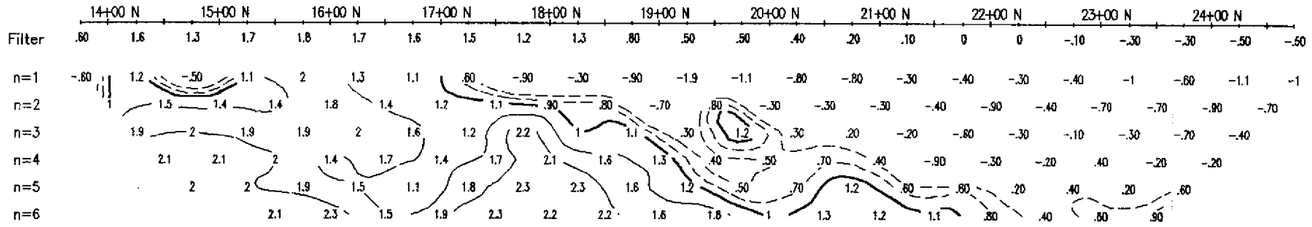


RESISTIVITY
OHM-METERS



RESISTIVITY
OHM-METERS

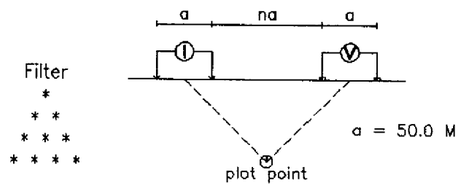
PHASE
MRAD



PHASE
MRAD

Line 1200 W

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

GREATER LENORA RESOURCES

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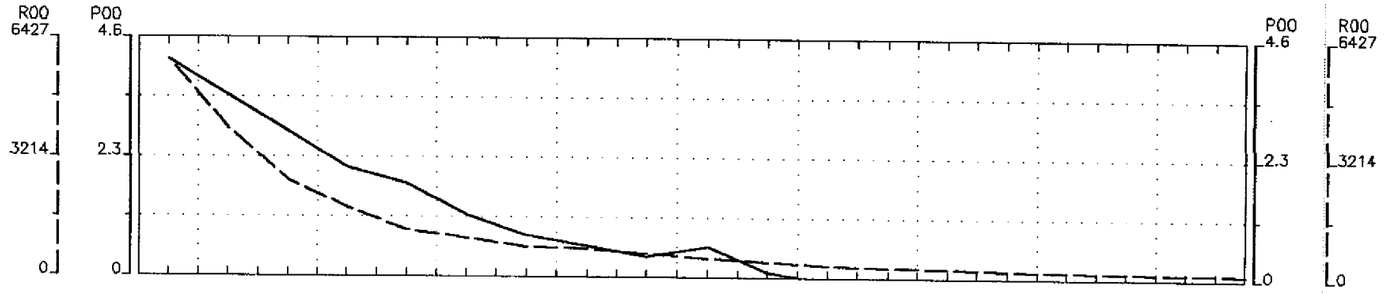
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REMY BELANGER (GEOPHYSICAL CONTRACTOR) RX V-5 PHOENIX

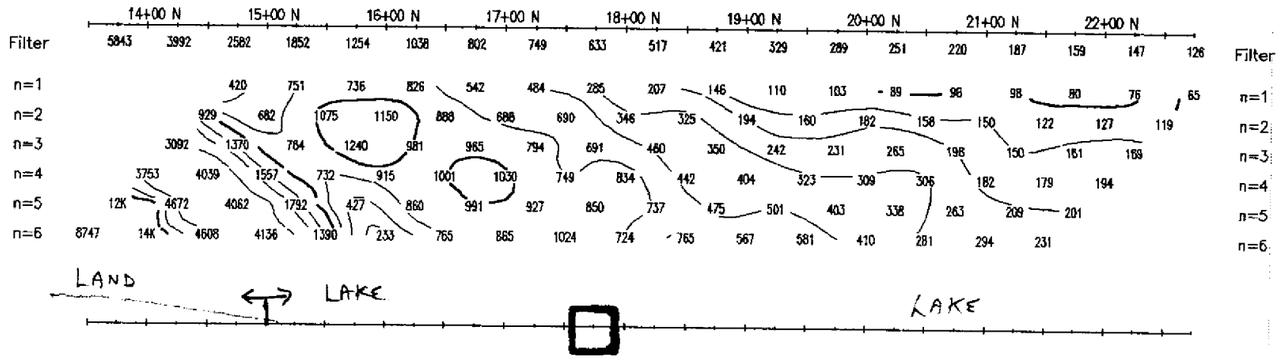
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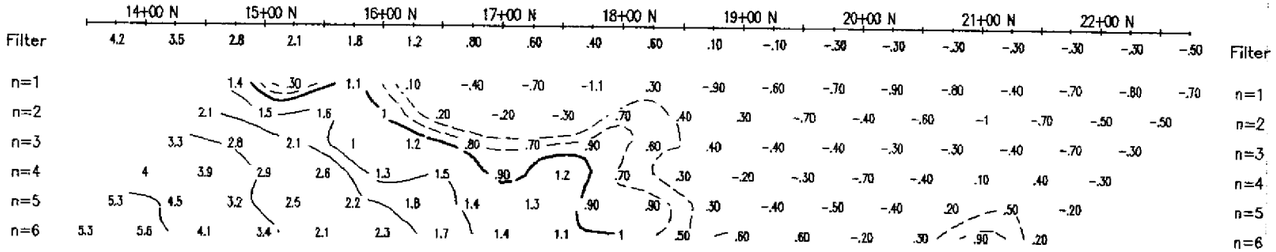


RESISTIVITY
OHM-METERS



RESISTIVITY
OHM-METERS

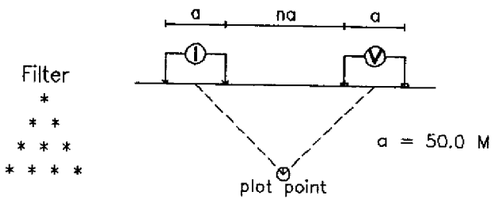
PHASE
MRAD



PHASE
MRAD

Line 900 W

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

GREATER LENORA RESOURCES

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REMY BELANGER (GEOPHYSICAL CONTRACTOR) RX V-5 PHOENIX

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