



42A07NW2012

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SHERATON

010

GEOPHYSICS REPORT

ON THE

SHERATON-THOMAS TOWNSHIP

PROPERTY

FOR

MAPLE MINERALS INC.

TIMMINS AREA

PORCUPINE MINING DIVISION

ONTARIO, CANADA

18926

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 BRIDGE

Dan Patrie
 Dan Patrie Exploration Ltd.
 June 10, 1998

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42A07NW2012

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SHERATON

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1. **INTRODUCTION**

In December, 1997, Maple Minerals Inc., of Toronto, Ontario., commissioned Dan Patrie Exploration Ltd to do an exploration program on their property of 9 un-patented mining claims (120 units) situated in Thomas and Sheraton Townships, approximately 40 kilometers east of Timmins. The work was done from December 12, 1997 to February 28, 1998

2. **SUMMARY AND RECOMMENDATIONS**

The Maple property, acquired by Maple Minerals Inc., lies in south central Thomas Township, and the west side of Sheraton Township in Porcupine Mining Division. Thomas and Sheraton Townships lie approximately 40 km east of Timmins.

These claims are underlain by volcanic and sedimentary rocks of the Archean Abitibi subprovince of the Superior Province of the Canadian Shield. Earlier work has been primarily focused on gold, but not intensively. Thick, widespread cover of overburden has made cost effective exploration difficult in the past, so the Townships were poorly explored.

Cross Lake Minerals Ltd., recently discovered a polymetallic volcanic massive sulphide (VMS) deposit, east southeast of Timmins in Sheraton Township, in felsic volcanic rocks, has focused attention on the basemetal potential of the area. Of the Cross Lake Minerals Ltd., basemetal discovery, hole 16 intersected weighted average grades of 6.7% zinc, 1.86% lead, 0.16% copper, 106.95 g/tonne silver, 0.055 g/tonne gold over a core length of 33 meters.

This deposit was found using induced polarization surveys and diamond drilling, the methods of choice in basemetal deposit exploration.

Past airborne and ground magnetic surveys, VLF-EM, HLEM and induced polarization surveys have yielded inconclusive results about bedrock geology on the property. Prominent

pyroclastic rocks in the bedrock of Sheraton and Thomas Townships was also found.

A program of 84 Kilometers of line cutting, 84 kilometers of Magnetic, and 39.8 kilometers of induced polarization was done to explore the Maple Minerals Inc., property in Thomas and Sheraton townships for base metals and gold deposits.

Due to the lack of geological information, the following programs are recommended to complete the evaluation:

1. Completion of grid lines spaced at 100 meters over all of the claim group.
2. Magnetometer, HLEM and induced polarization on remaining lines.
3. Geochemical soil sampling of the property.
4. Diamond drilling anomalies as follows is recommended:

Line	Station	Azimuth	Dip	Depth
109E	1450S	330	-60	275M
109E	1350s	330	-50	400M
106E	1950S	330	-55	350M
104E	400N	330	-50	400M
104E	775N	330	-50	300M
102E	550N	330	-50	400M
102E	175N	330	-50	275M
105E	1575S	330	-55	400M
111E	1110S	330	-55	325M

Following the completion of this work and contingent upon the results, additional work could be considered to further evaluate the property for gold and base metal mineralization.

Daniel F. Patrie

Geology and Geophysics Technologist (Dipl. T)

June, 1998

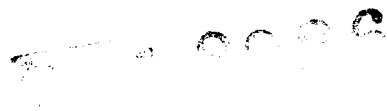
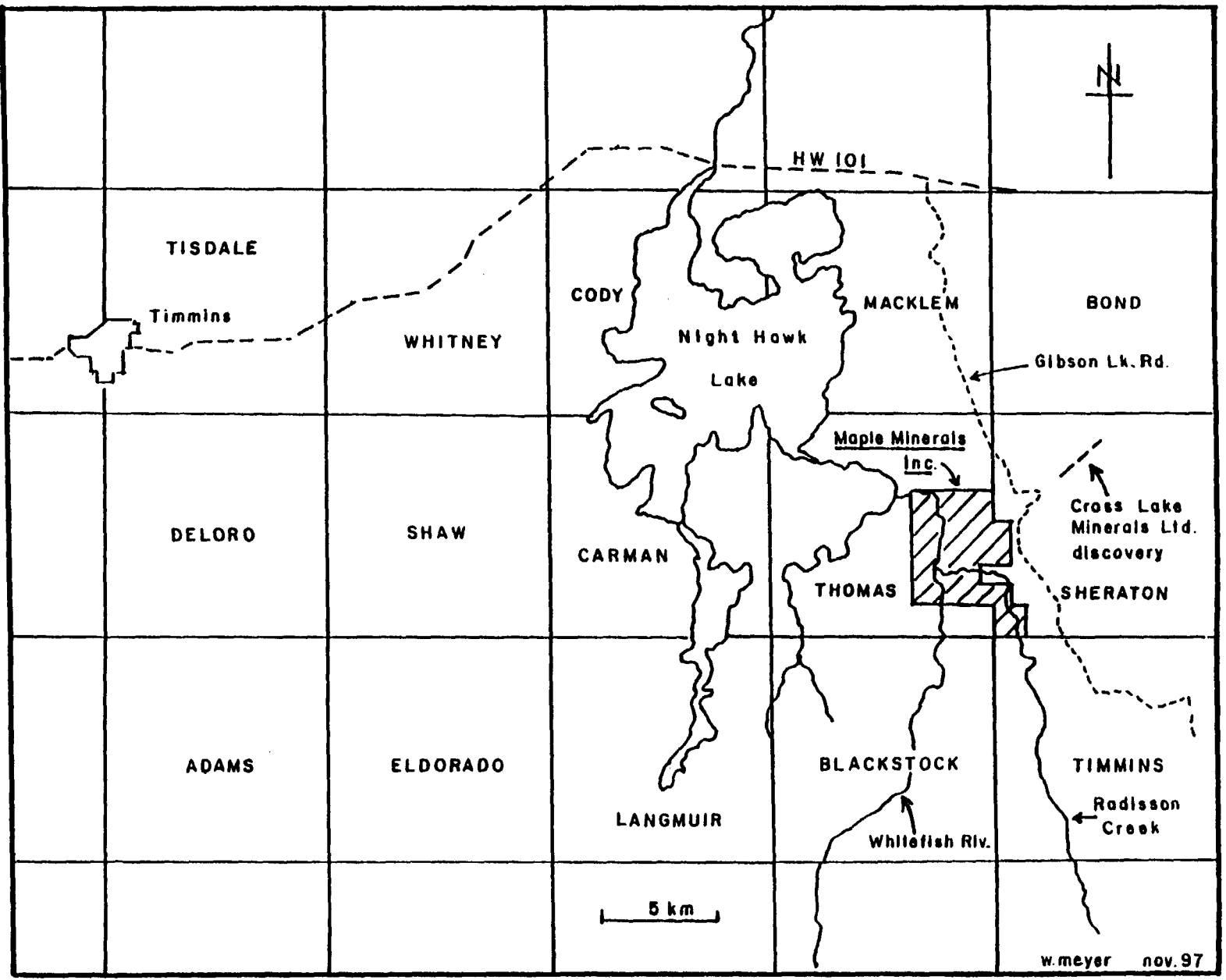
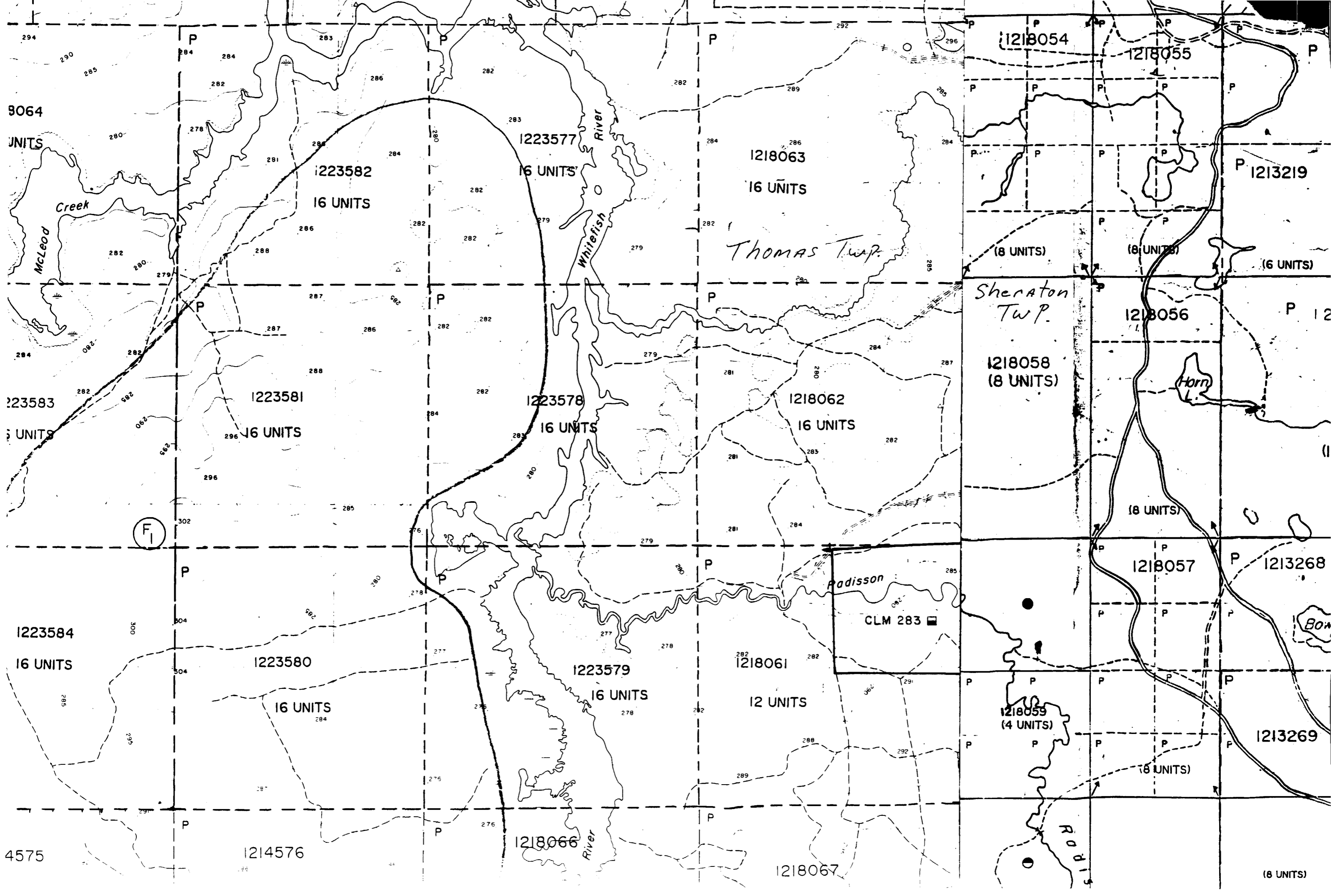


Figure 1. The Maple Minerals Inc. property in Sheraton and Thomas Townships, 40 km east of Timmins, Ontario. Scale 1:253,440





9064

UNITS

223583

UNITS

1223584

16 UNITS

4575

P

P

P

F1

1223582
16 UNITS

1223581
16 UNITS

1223580
16 UNITS

1214576

1223577
16 UNITS

1223578
16 UNITS

1223579
16 UNITS

1218066

1218063
16 UNITS

1218062
16 UNITS

1218061
12 UNITS

1218067

1218054

1218063
16 UNITS

Sheraton Twp.

1218058
(8 UNITS)

1218059
(4 UNITS)

1218055

1218056

1218057

(8 UNITS)

1213219

1213268

1213269

(8 UNITS)

Whitefish River

Radisson

Horn L.

Radisson

Creek

McLeod

Bow

Thomas Twp.

3. **PROPERTY, LOCATION, AND ACCESS**

Timmins, a modern community of approximately 45,000 people, is the center for an area of active gold and basemetal mining and exploration. It includes all the amenities to discover and develop new mines, ie.; necessary infrastructure, material supplies and a stable professional work force. The city is located 700 kms north of Toronto in the heart of the Canadian Shield. Timmins is accessible by road, freight rail, and air from several directions, and is considered a service and supply center for the vast areas to the north.

Milling, concentrator and smelting capacity within a few kilometers from Timmins, are available through the Kidd Creek basemetal mine and several other large, long lived gold mines surrounding the area.

The property can be reached by traveling east from Timmins for 38 km on highway 101, then south on the gravel, Gibson Lake road for 20 km. The Gibson Lake road comes within a few hundred meters of the eastern boundary of the property. Numerous logging roads branch off the Gibson Lake road and crisscross the property. Also, by traveling by boat from Night Hawk Lake up Whitefish River, and along several tributary creeks.

The property is accessible by upgrading old logging roads, running from the Gibson Lake road South and west traveling into Thomas and Sheraton Townships.

The Maple property lies in an area of subdued relief, with elevations varying between approximately 276 and 292 meters above sea level (a difference of only 16 meters).

Located in the boreal forest, the property hosts stands of evergreen and deciduous trees and large animals such as moose, deer and bear. Seasonally, migratory birds and waterfowl use the marshes on either side of Whitefish River and the lower reaches of tributary creeks.

4. GEOLOGY

The claims acquired by Maple Minerals Inc., in Thomas and Sheraton Townships, lie in a regionally mineral belt of Archean Age and in the Porcupine mining camp of northeastern Ontario, only 40 kilometers west of Timmins and its many mines. The Porcupine camp is one of the most productive mining camps in the world. It contains quartz vein-hosted gold deposits ultramafic intrusive hosted nickel-copper deposits and VMS-type nickel and zinc-lead-copper-silver-gold deposits. The property is in an important geological environment for hosting VMS-type nickel and ultramafic volcanic (komatiite) hosted nickel deposits. A VMS-type zinc-lead-copper-silver-gold zone is presently being outlined by Cross Lake Minerals in felsic rocks which adjoins the Maple Minerals Inc property to the west. About 50 to 60 meters of overburden cover the bedrock. The strike of the zone and enclosing felsic pyroclastic rock is southwest, with the zone dipping about 80 degrees to the southeast.

Minerals encountered in the drilling were pyrite, sphalerite, galena, chalcopyrite, silver and fluorite. Chalcopyrite occur with chlorite alteration and sphalerite and galena with sericite.

The high galena to chalcopyrite content for parts of the mineralized zone is unusual for this type of deposit, but is known from the Sudbury basin.

Leahy (1971) inferred that the bedrock in Thomas Township consists mostly of mafic flows intruded by a few diabase dykes and granitic rocks. The township is covered by 99% overburden. Of the little outcrops in thomas township the outcrops are carbonatized volcanic rocks with anomalous concentrations of gold which suggests that elevated gold values occur over a large area in Thomas Township and is good potential for a gold discovery in the area.

The world over, Archean greenstone belts have produced approximately 22 00 tonnes of gold and approximately 45 00 tonnes produced by Witswatersand. An estimated 135 000 tonnes total, of gold, has been mined throughout history, from all sources (Phillips and Law, 1997). This means that one half of all gold ever mined has come from the Archean age rocks, their potential as established gold producers cannot be overestimated.

VMS, or volcanic massive sulphide, deposits of copper, zinc, (gold, lead), are found near the top of volcanic piles in greenstone belts in felsic pyroclastic rocks. Common to the Canadian Shield. The property contains EM conductors, some of which have associated magnetic anomalies and induced polarization anomalies suggesting to be conformable to the bedding/foliation of the underlying bedrock, and may contain sulphide mineralization. The Maple Minerals Inc., property has very good potential for containing economic base and/or precious metals mineralization.

5 SURVEY PROCEDURE

5.1 MAGNETOMETER SURVEY

The magnetometer survey was carried out using an EDA Omni-Plus Mag/VLF unit with the total magnetic field being measured and an Omni-IV base station magnetometer for correcting magnetic drift. These are total field magnetometers which measure the magnetic field through the use of proton precessional effects caused by the interaction of a magnetic field with spin aligned, proton-rich fluid. An instrument accuracy, precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. Microprocessors contained in these instruments allow for the collection of the readings, along with the time and its position, in

digital form suitable for downloading to a computer for data processing.

A total of 84 kilometers of mag was read and the readings were taken every 25 meters along the lines. The field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station reading from the field readings taken at that same moment in time. The corrected magnetic data was then downloaded to a computer then plotted on the total field plot map. The magnetic survey picked up a high mag anomaly at the north ends of the lines running in an east west direction although with the lines spaced at 200 meters it is hard to get a good magnetic description of the magnetic contours.

5.2 INDUCED POLARIZATION SURVEY

A total of 39.8 kilometers of induced polarization survey was done on the property with readings taken every 50 meters and 6 levels 1 to 6 read. The survey was a time domain pole dipole survey with a "a" spacing of 50 meters and was read with a Walcer MG-12 motor generator and a Huntex Tx Model 7500 transmitter and a Scintrex IPR-12 receiver. The motor generator and transmitter were stationary on the end of the line being read and current transmitted through a wire with an electrode driven down through the ground for a good contact and then transmitting current to that electrode from the transmitter by the transmitter man which is contact by radio to the receiver man. Ahead of the live current electrode is a crew of men driving electrodes in winter and using porous pots in summer at every station to be read and connected to the pots or electrode by length of wire from the receiver where the receiver operator picks up the readings in the receiver with the IPR-12. The data is then downloaded from the receiver at the end of the day to a computer where the resistivity and chargeability is calculated and plotted using Geosoft software for the earth sciences in pseudosection maps.

6. INTERPRETATION

The magnetic survey detected strong magnetic anomalies from line 102E to line 66E running east west across the north end of the lines which should be extended and a north south anomaly centered at line 94E. With the lines spaced 200 meters apart it is very hard to get a proper description of the magnetic contours.

The induced polarization survey picked up anomalous zones on line to the north running from line 100E to line 108E centered at approximately 700N.

Also, a high chargeability on lines 105E to line 111E at approximately 1000S to 1400S and running off the ends of the lines to the south on line 105E to 108E.

The induced polarization survey proved very successful in finding areas of high chargeability which merit more exploration such as drilling these high priority targets.

Most of the induced polarization anomalies were very strong, wide and long and deep which are identical to the Cross Lake Discovery induced polarization survey.

Also, most of the anomalies were on all six levels n=1 to 6.

The chargeability values for the anomalies are well above background and are consistent with metallic mineralization. The bulk resistivity values also, correspond to a mineralized target.

Background values between 2mV/V and 5mV/V are caused by electrolytic polarization as opposed to the combination of electrolytic and electrode polarization in the case of metallic mineralization. The resistivity plots show bulk resistivity corresponding to bedrock values. Also, for a better observation of data interpretation see maps in back of report.

7. **CONCLUSIONS**

With the presence of a favorable geological environment and the recent discovery of a polymetallic massive sulphide (VMS) deposit nearby by Cross Lake Minerals Limited in felsic volcanic rocks lends credence to the potential of the property hosting either a VMS or gold deposit. This considered, shows the Maple Minerals Inc., property to be very favorable geological environment for the localization of economic importance. To further evaluate the property's potential, with the encouraging results of the geophysics survey the writer recommends on going work consisting of line cutting and geophysical surveys over the balance of the property not covered and drilling the known targets outlined in this report.

Dan Patrie

June, 1998

REFERENCES

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Dept. Mines Map 2205, Compilation Series, 1"=4 miles
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Mines Geol. Rpt. 86

PERSONNEL

Dan Patrie
P.O. Box 45
Massey, Ontario
POP 1P0

Charles Laundriault
General Delivery
Walford, Ontario
POP2E0

Bruce McLeod
Elliot Lake, Ontario

Tim Kelly
General Delivery
Spanish, Ontario

Micheal Burns
General Delivery
Massey, Ontario

Brent Patrie
General Delivery
Massey, Ontario
POP 1P0

Julien Richer
General Delivery
Massey, Ontario
POP 1P0

Henry Grimmard
Spanish, Ontario

Ron Bilton
Massey, Ontario

Christopher Rivers
General Delivery
Walford, Ontario
POP 2E0

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

1. That I am a Geology and Geophysics Technologist and I reside at Hwy. 17 West, P.O. Box 45, Massey, Ont., Canada, P0P 1P0,
2. I graduated from Cambrian College Of Applied Arts and Technology, Sudbury, Ontario, in 1987 with a diploma in Geological Technology with a one year certificate in Geophysics,
3. And I have practiced my profession continuously since graduation, as well as being an active prospector since 1972.
4. That my report on the Maple Minerals Property, Thomas and Sheraton Townships, Porcupine Mining Division, Ontario, is based on my personal knowledge of the geology of the area, and on a review of published and unpublished information on the property and surrounding area.

Daniel F. Patrie

Geology and Geophysics Technologist (Dipl. T)

June, 1998

LETTER OF CONSENT

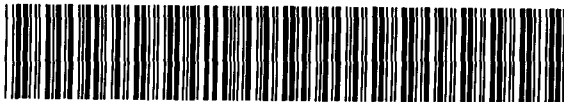
I, Daniel F. Patrie, of the Town of Massey, Ontario, do hereby consent to Maple Minerals Inc., using in whole or in part my Geophysics report on the Maple Minerals Property in a prospectus of statement of material facts or for filing with government regulatory bodies as deemed necessary.

Dated at Massey, Ontario, this 22nd day of June, 1998, in the District of Sudbury.

Daniel F. Patrie

Geology and Geophysics Technologist

Transaction Number (office use) <i>1986 00819</i>
Assessment File Research Imaging



42A07NW2012 2.18926 SHERATON 900

copy of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act, you are required to review the assessment work and correspond with the mining land holder. The Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 100 King Street West, Toronto, Ontario M5X 1C6.

PROVINCIAL RECORDING OFFICE - SUDBURY
RECEIVED
OCT 20 1998
A.M. 10:40 U.S. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

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 <i>Maple Minerals INC.</i>	Client Number <i>137052</i>
Address <i>2 First Canadian Place, The Exchange Tower</i>	Telephone Number <i>416 941-8900</i>
<i>Suite 2810, P.O. Box 47, Toronto, Ont. M5K 1A7</i>	Fax Number <i>416 941-9901</i>
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.

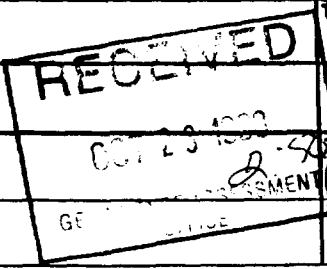
Geotechnical: prospecting, surveys, assays and work under section 18 (regs) **Physical: drilling, stripping, trenching and associated assays** **Rehabilitation**

Work Type <i>Line Cutting, MAG & Induced Polarization</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$98,718</i>
Dates Work Performed From <i>12/12/97</i> To <i>28/2/98</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Porcupine</i>
Township/Area <i>Thomas & Sheraton</i>	Resident Geologist District <i>Finniss</i>
M or G-Plan Number	

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 <i>Dan Patric Exploration Ltd</i>	Telephone Number <i>705 844-2113</i>
Address <i>Box 45, Masses, Ont. P0P 1P0</i>	Fax Number <i>705 844-2057</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

I, *Daniel F. Patric* (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: *Daniel F. Patric* Date: *January 21/99*

Agent's Address: *Box 45 Masses Ont P0P 1P0* Telephone Number: *705 844 2113* Fax Number: *705 844 2057*

... be assigned to claims that are contiguous (adjacent) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

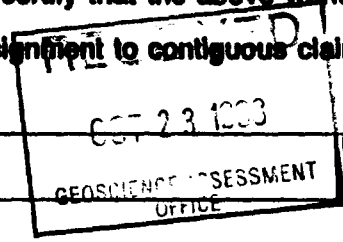
W9860-00819.

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.
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 1223578 ✓	16	11,363'	6400	0	4963
2 1223577 ✓	16	2,040'	6400	0	2040
3 1218063 ✓	16	17,322'	6400	0	10,922
4 1223579 ✓	16	8,977'	6400	0	2,577
5 1218062 ✓	16	22,024'	6400	0	15,624
6 1218061	12	620'	4800	0	620
7 1218058	8	36,372'	3200	19,200	13,972
8 1218060	16	0'	6400	0	0
9 1218059	4	0'	1600	0	0
10					
11					
12					
13					
14					
15					
Column Totals		\$98,718	\$48,000	\$19,200	\$50,718

2.13336

I, Daniel F. Patrie (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
Dan Patrie



Date Oct 20/98

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):
 1223577, 1223578, 1218061,

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

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.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Line Cutting	83 kms	\$ 348	\$ 28,884
Mag	83 kms.	\$ 118	\$ 9,794
Induced Polarization	40 kms	\$ 1,391	\$ 55,640
Report & Plotting	1	\$ 2,400	\$ 2,400
Associated Costs (e.g. supplies, mobilization and demobilization).			
Mob crews, Line Cutting, Mag & I.P.		\$ 2,000	\$ 2,000
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$ 98,718

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 GEOLOGICAL ASSESSMENT
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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 claimer

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, Daniel F. Patric (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 _____ Date _____

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

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

March 9, 1999

MAPLE MINERALS INC.
2 First Canadian Place, Suite 2810
P.O. Box 47, The Exchange Tower
Toronto, ON
M5K-1A9

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

Dear Sir or Madam:

Submission Number: 2.18926

Status

Subject: Transaction Number(s): W9860.00819 Approval After Notice

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 Bruce Gates by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18926

Date Correspondence Sent: March 09, 1999

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00819	1223578	THOMAS, SHERATON	Approval After Notice	March 05, 1999

Section:

14 Geophysical IP

14 Geophysical MAG

The revisions outlined in the Notice dated January 19, 1999, have been corrected.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

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

Daniel Patrie
MASSEY, ONTARIO, CANADA

MAPLE MINERALS INC.
TORONTO, ON

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: March 09, 1999

Submission Number: 2.18926

Transaction Number: W9860.00819

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1223577	2,735.00
1223578	7,875.00
1223579	2,500.00
1218058	24,860.00
1218061	0.00
1218062	17,350.00
1218063	23,538.00
	<hr/>
Total: \$	78,858.00

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary	Railroad
International	Single Track
Interprovincial	Double Track
District, Township	Abandoned
Indian Reserve	Turntable
Approximate	Road
Lot, Concession	Highway, County
Approximate	Township
Park Boundary	Access Road of Doubtful
Bridge	Significance (width)
Road, Railroad	"As Shown"
Building	Double line river
Chimney	with multiple rapids
Cliff, Pit, Pile	Reservoir
Contours	River, Stream, Canal
Interpretation	Approximate
Approximate	Direction of flow
Control Points	Lock
Horizontal	Wharf, Dock, Pier
Vertical	Wooded Area
Culvert	Spot Elevation
Falls	(State elevations)
Double line river	Tower
Fence, Hedge, Wall	Transmission Line
Feature Outline	Poles
(Identification features, etc.)	Files
Flooded Land	Tunnel
Lock	Utility Poles
Marsh or Swamp	Wharf, Dock, Pier
Moat	Wooded Area
Mine Head Frame	
Outcrop	

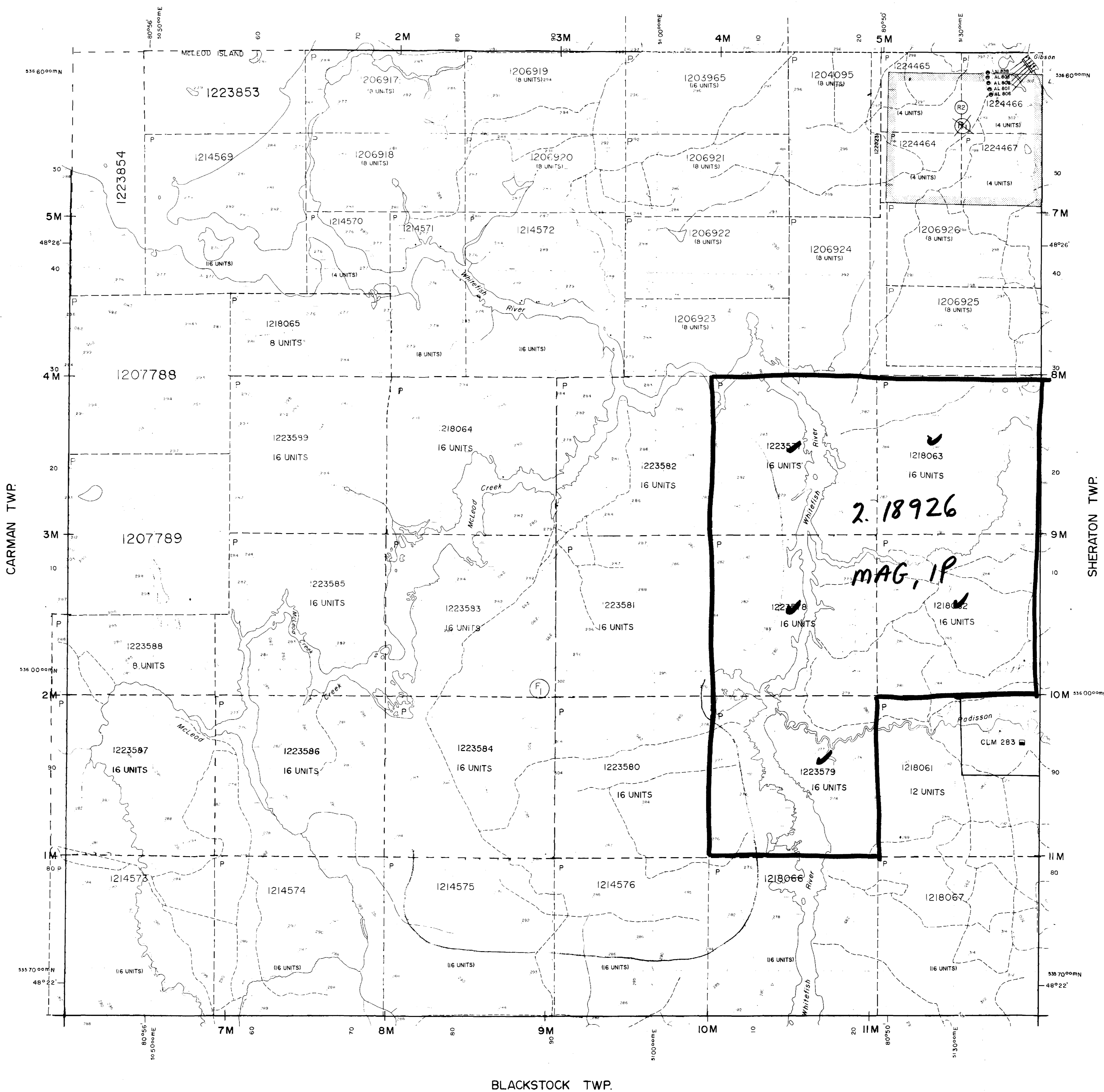
AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
MINING AND SURFACE RIGHTS RE-OPENED UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990 ORDER NO. O.P.-13/97 NER DATED MAY 16/97. ORDER COMES INTO EFFECT AT 8AM STD TIME, JUNE 1, 1997.				

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.

MACKLEM TWP.



BLACKSTOCK TWP.

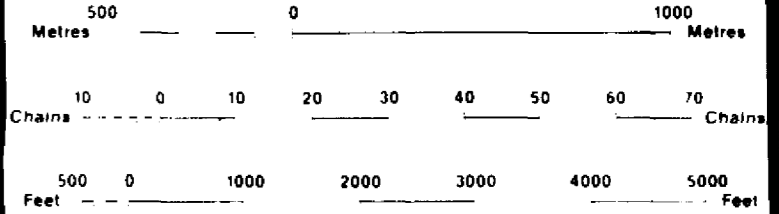
LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKIEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

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

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.



SCALE 1:20 000
GRID ZONE: 17

RESERVE FLOODING RIGHTS TO H.E.P.C. OF ONTARIO TO ELEVATION 903.5 T. & N.O. RAILWAY DATUM ON NIGHT HAWK LAKE.

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

DATE OF ISSUE

APR 20 1999
PROVINCIAL RECORDING
OFFICE - SUBSURY

TOWNSHIP

THOMAS

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

Ministry of Natural Resources
Land Management Branch
Ontario

ORIGINAL COMPILATION JULY, 1984

REVISED: ACTIVATED NOV. 27/96 BY: D.C. CHECKED BY: DM

Number:

G-3977

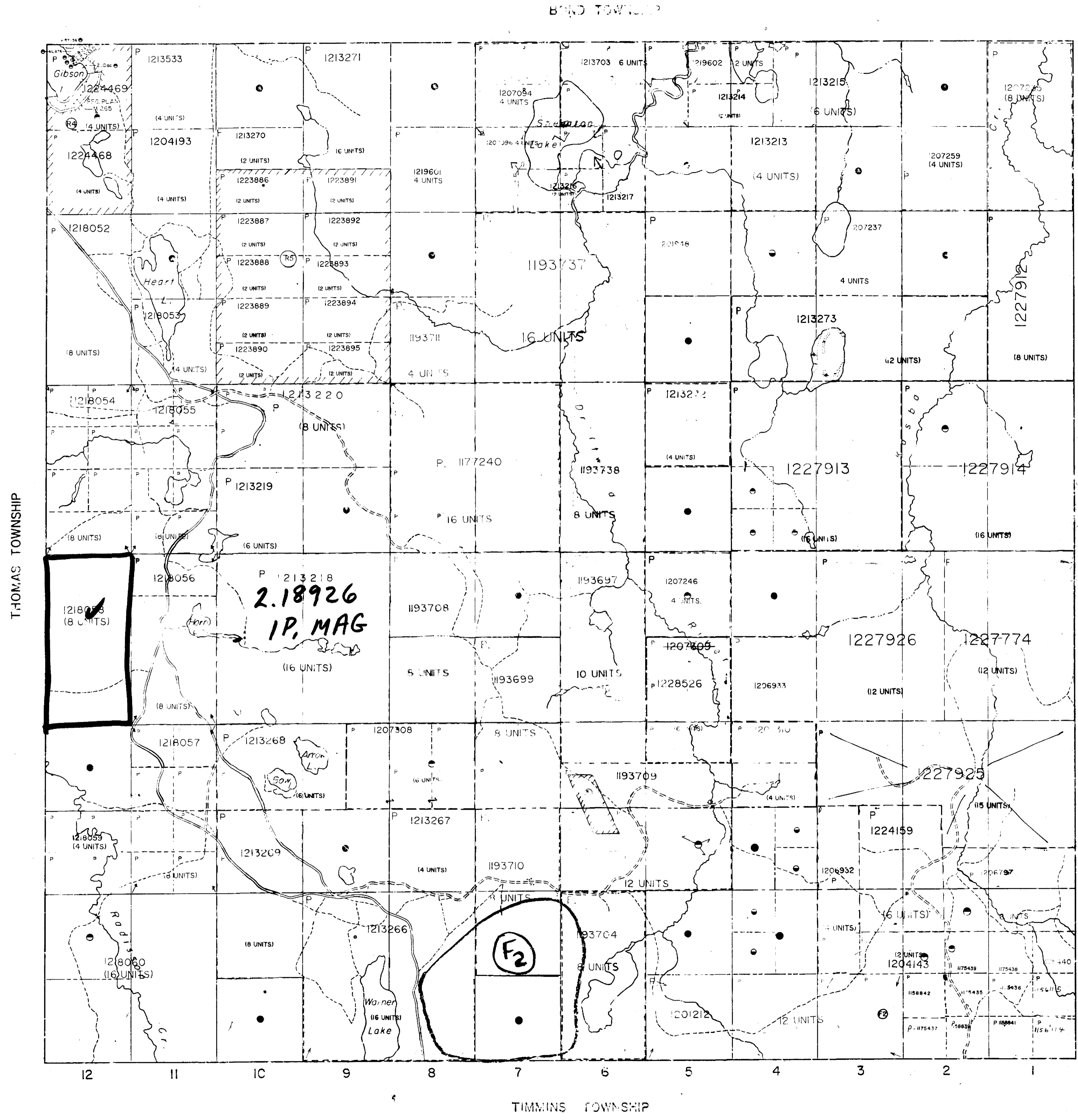


AREAS WITHDRAWN FROM DISPOSITION

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

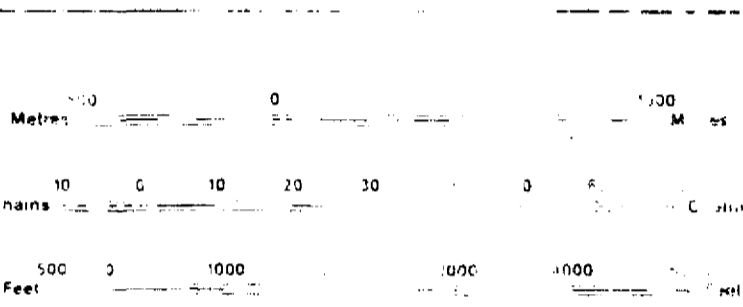
Description	Order No.	Date	Disposition	File
(R)	W 56/77	4/6/77	S.R.O.	17719
(R)	W 56/77	10/1/82	S.R.O.	
(R)	W 56/77	22/09/83	S.R.O.	

- (R4) - MINING AND SURFACE RIGHTS RE-OPENED UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990. ORDER NO. O-P-13/97 NER DATED MAY 16/97. ORDER COMES INTO EFFECT AT 8AM STD TIME, JUNE 1, 1997.
- (R5) - MINING AND SURFACE RIGHTS RE-OPENED UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990. ORDER NO. O-P-15/97 NER DATED MAY 26/97. ORDER COMES INTO EFFECT AT 8AM STD TIME, JUNE 10, 1997.



DISPOSITION OF CROWN LANDS

Type of Document	Order No.	Date	Disposition	File
(R)	W 56/77	4/6/77	S.R.O.	17719
(R)	W 56/77	10/1/82	S.R.O.	
(R)	W 56/77	22/09/83	S.R.O.	



SCALE 1:20,000

NOTES

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

THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1996. IS FURTHER INFORMATION AVAILABLE ON FILE.

DATE OF ISSUE

APR 20 1999

PROVINCIAL RECORDING OFFICE - SUBBURY

TOWNSHIP

SHERATON

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

ORCUFINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

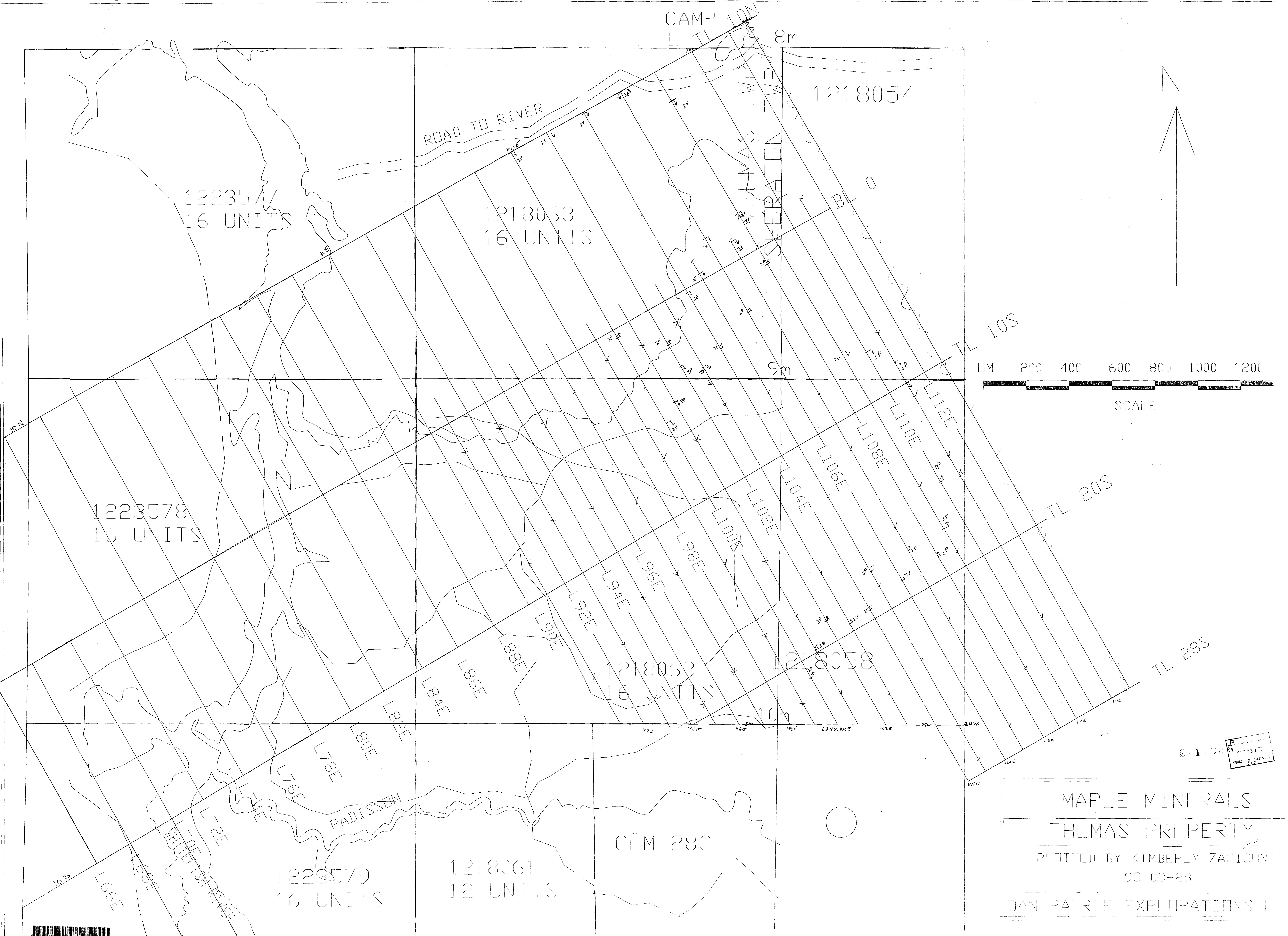
Ministry of Natural Resources Ontario

Ministry of Northern Development and Mines Ontario

By AL O'FARRELL B.B.

G-3971

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.



CAMP
 TL 10N 8m

1218054

1223577
 16 UNITS

1218063
 16 UNITS

1223578
 16 UNITS

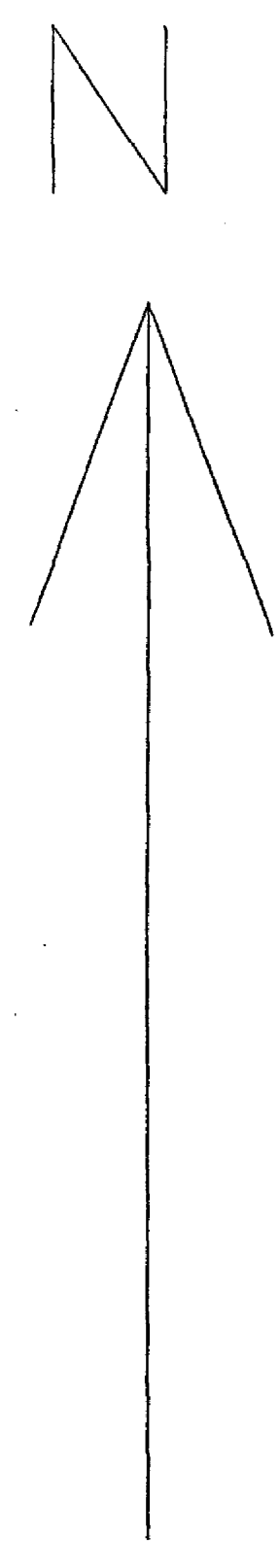
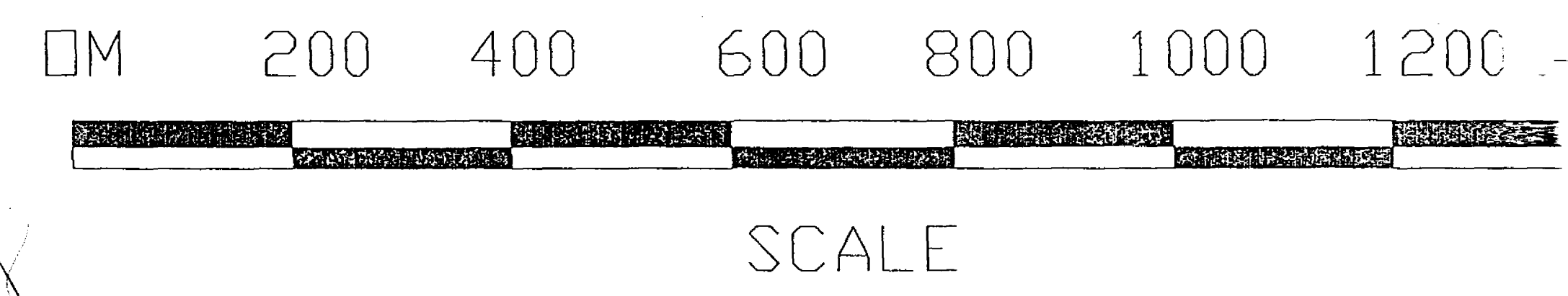
1218062
 16 UNITS

1218058

1223579
 16 UNITS

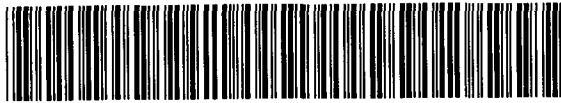
1218061
 12 UNITS

CLM 283



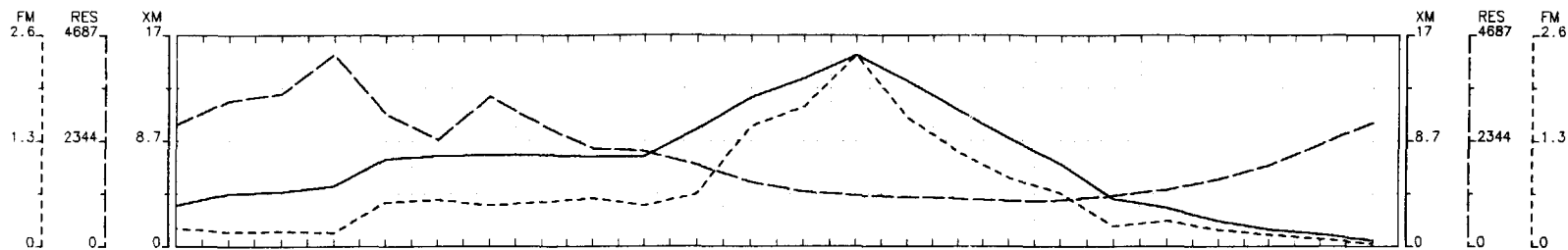
2.1.92
 6
 GEORGE JESSA
 1992

MAPLE MINERALS
 THOMAS PROPERTY
 PLOTTED BY KIMBERLY ZARICHNE
 98-03-28
 DAN PATRIE EXPLORATIONS L.



42A07NW2012 2.18926 SHERATON

230

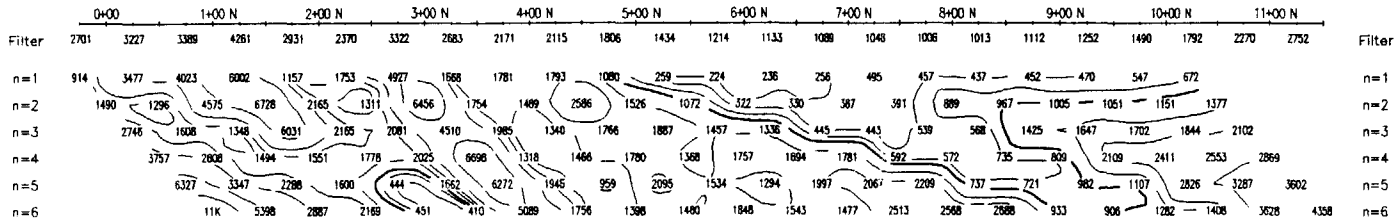


Metal Factor

	0+00	1+00 N	2+00 N	3+00 N	4+00 N	5+00 N	6+00 N	7+00 N	8+00 N	9+00 N	10+00 N	11+00 N														
Filter	0.22	0.17	0.16	0.16	0.54	0.57	0.50	0.54	0.59	0.50	0.64	1.5	1.7	2.4	1.6	1.2	0.84	0.65	0.24	0.31	0.20	0.14	0.090	0.030		
n=1	0.36	0.14	0.10	0.080	0.59	0.33	0.10	0.34	0.36	0.32	0.91	4.8	1.4	2.6	-0.88	-0.13	-0.040	0.020	-1	0.12	0.12	0.16				
n=2		0.21	0.33	0.11	0.090	0.43	0.50	0.10	0.33	0.42	0.27	0.87	1.5	3.6	1.3	0.21	-0.080	-0.050	0	0.030	0.050	0.070				
n=3		0.090	0.28	0.38	0.11	0.54	0.37	0.16	0.33	0.52	0.43	0.66	1.1	1.5	4.1	2.1	0.62	0.17	-0.040	-0.020	0	0.020	0.040			
n=4			0.11	0.21	0.33	0.37	0.77	0.44	0.12	0.61	0.55	0.55	1.1	0.94	1.2	1.2	3.4	1.8	0.47	0.12	-0.020	-0.0100	0	0.020		
n=5				0.060	0.13	0.060	0.37	3.6	0.55	0.14	0.31	0.73	0.44	1.2	1.2	0.97	1	0.88	2.1	1.5	0.34	0.10	-0.020	-0.0100	0.0100	
n=6					0.040	0.11	0.29	0.050	3.8	0.76	0.18	0.30	0.49	0.62	1.1	0.92	1.3	0.83	0.76	0.65	1.7	1.2	0.27	0.080	-0.020	0

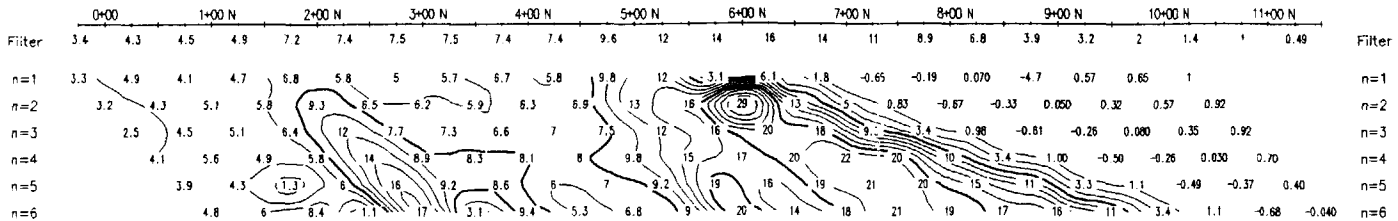
Metal Factor

Resistivity
Ohm-m



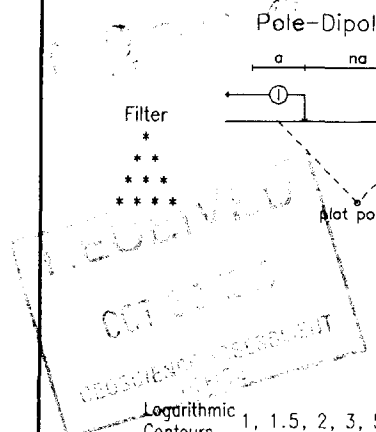
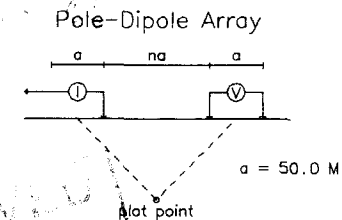
Resistivity
Ohm-m

Chargeability
nV/V



Chargeability
nV/V

Line 100 E

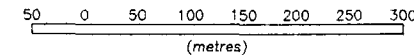


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

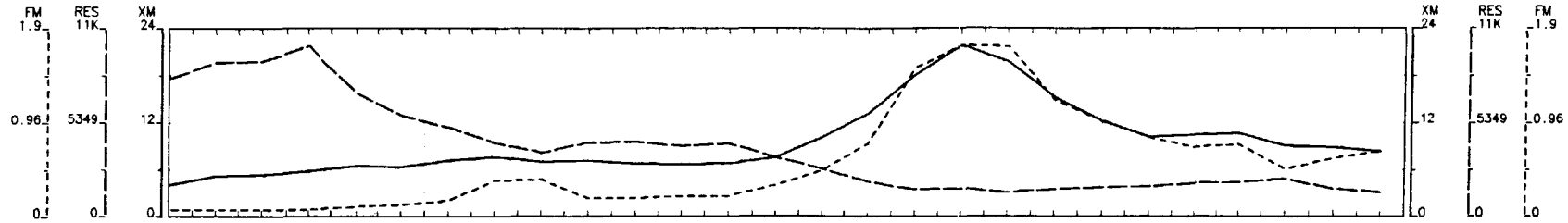
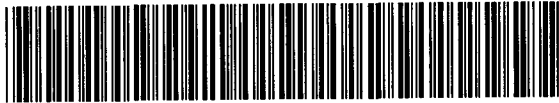
INTERPRETATION

- 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

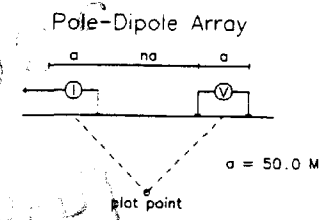


MAPLE MINERALS LTD.
INDUCED POLARIZATION SURVEY
THOMAS GRID
INDUCED POLARIZATION
 Date: 98/05/11
 Interpretation: B.PATRIE
DAN PATRIE EXPLORATION LTD.



2

Line 102 E



RECEIVED
OCT 20 2010
GEOLOGICAL ASSESSMENT

Metal Factor

Filter	1400 S	0400	1400 N	2400 N	3400 N	4400 N	5400 N	6400 N	7400 N	8400 N	9400 N	10400 N	11400 N	Filter											
n=1	0.070	0.070	0.10	0.12	0.20	0.24	0.25	0.22	0.31	0.20	0.29	3	3.5	2.5	0.41	0.21	0.15	0.58	1.4	0.27					
n=2	0.050	0.040	0.040	0.080	0.080	0.15	2.4	0.22	0.16	0.27	0.17	0.17	0.17	0.29	1.6	1.9	2	1.5	0.41	0.20	0.41	0.75	0.43	0.42	
n=3	0.040	0.020	0.070	0.070	0.080	0.10	0.28	0.24	0.17	0.21	0.16	0.21	0.13	0.29	1.3	1.3	1.4	1.4	1.7	0.54	0.47	0.64	0.24	0.58	0.36
n=4	0.030	0.15	0.080	0.080	0.080	0.19	0.26	0.19	0.23	0.14	0.15	0.11	0.24	1.1	1	1	1.00	1.8	2.4	0.99	0.69	0.24	0.37	0.62	1.1
n=5	0.080	0.080	0.11	0.080	0.21	0.22	0.21	0.58	0.21	0.13	0.13	0.19	0.81	0.89	0.94	0.83	1.3	2.3	2.6	1	0.34	0.39	0.42	0.89	0.88
n=6	0.080	0.11	0.080	0.22	0.24	0.16	0.30	0.080	-0.83	0.12	0.25	0.91	0.77	0.85	0.62	1.1	2.2	2.5	1.8	0.53	0.94	0.45	0.58	0.39	0.48

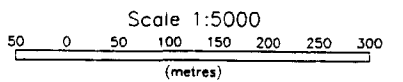
Metal Factor

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

Resistivity Ohm-n

Filter	1400 S	0400	1400 N	2400 N	3400 N	4400 N	5400 N	6400 N	7400 N	8400 N	9400 N	10400 N	11400 N	Filter											
n=1	1946	3671	4723	11K	5884	3885	3180	3788	2819	2873	2585	2019	2431	1832	1813	1282	402	6.0	683	1810	1807	1158	841	591	2081
n=2	8544	7357	12K	8848	5483	6188	4275	3722	4483	2578	4019	3827	2650	1888	713	1219	1095	1154	1982	1791	1412	1241	2304	1337	
n=3	12K	14K	8141	7253	8875	8428	2887	3554	3086	3427	4826	4730	4403	2289	944	1788	1634	1567	1050	1441	1579	1625	4429	1488	1384
n=4	2K	9342	3549	8123	6857	3884	3545	4500	3517	5829	5476	3356	3183	1121	2179	2219	2138	1276	701	1198	1687	4685	2488	1456	953
n=5	12K	5444	8500	7774	4448	4676	4588	2880	5471	6387	5829	3788	1479	2522	2658	2630	1958	788	687	1385	4488	2543	2247	858	828
n=6	7537	8836	8875	5007	5083	5516	3200	8050	5821	6325	3841	1773	3221	2863	3087	1798	694	785	953	3654	2557	2205	1419	823	1810

Resistivity Ohm-n



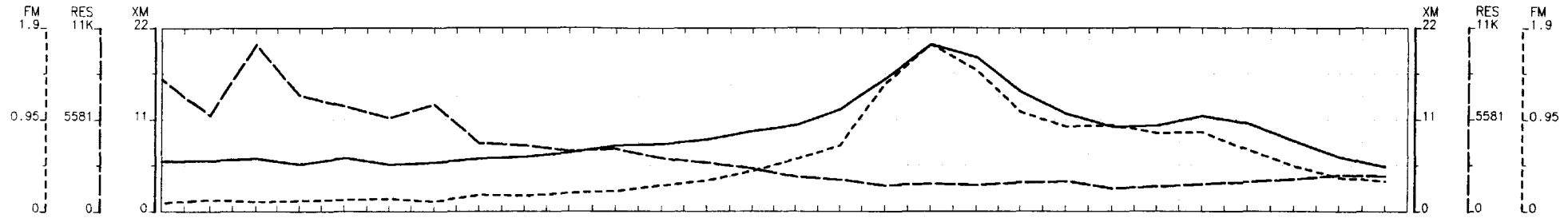
Chareability nV/V

Filter	1400 S	0400	1400 N	2400 N	3400 N	4400 N	5400 N	6400 N	7400 N	8400 N	9400 N	10400 N	11400 N	Filter												
n=1	2.1	3.7	3.5	4.1	4.8	4.2	5	4.7	5.3	6.3	6.4	5.3	5.3	5	3.6	3.8	12	21	17	7.5	3.8	1.7	4.8	7.8	5.8	
n=2	4.4	4.3	4.5	5.5	4.9	5.7	6.2	6.3	8	7.2	6.8	6.8	5.9	4.6	5.5	11	23	22	18	8.1	3.6	5.7	9.4	10	5.6	
n=3	4.8	2.3	5.9	5.2	6.1	6.5	7.8	8.5	8.5	7.3	7.9	10	5.6	6.7	13	22	23	21	17	7.8	7.5	10	11	8.8	4.9	
n=4	5.8	14	4.9	6.3	6.5	7.6	9.5	8.3	8.2	8.3	8	5.7	7.8	12	22	23	21	20	17	12	12	11	9.1	9	11	
n=5	7	5	6.9	6.4	9.3	10	9.4	17	12	8.4	7.1	7.3	17	22	25	22	21	18	17	15	15	8.9	9.4	8.5	7.3	
n=6	6.9	7.6	8.2	11	12	9	9.8	3.8	-36	7.4	9.8	16	25	25	19	20	20	20	20	17	19	24	10	8.3	8.2	8.7

Chareability nV/V

MAPLE MINERALS LTD.
INDUCED POLARIZATION SURVEY
THOMAS GRID
INDUCED POLARIZATION
Date: 98/05/11
Interpretation: B. PATRIE
DAN PATRIE EXPLORATION LTD.

L-104E



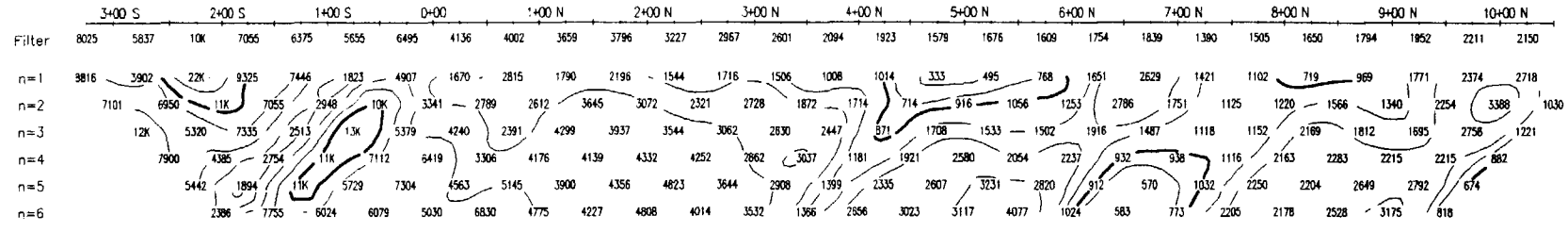
Metal Factor

Filter	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	3+00 N	4+00 N	5+00 N	6+00 N	7+00 N	8+00 N	9+00 N	10+00 N														
n=1	0.090	0.12	0.10	0.11	0.12	0.13	0.10	0.17	0.16	0.19	0.21	0.27	0.32	0.42	0.54	0.66	1.3	1.7	1.5	1	0.88	0.89	0.81	0.82	0.64	0.47	0.35	0.31
n=2	0.080	0.090	0.040	0.070	0.16	0.040	0.13	0.17	0.17	0.18	0.20	0.31	0.29	0.36	0.34	1.3	2.1	1.9	1.3	0.31	0.26	0.47	0.94	0.70	0.69	0.21	0.14	0.17
n=3	0.060	0.10	0.070	0.19	0.040	0.10	0.13	0.27	0.16	0.21	0.23	0.29	0.28	0.29	1.1	1.1	1.3	1.2	0.86	0.56	0.63	1	0.56	0.63	0.53	0.23	0.17	
n=4	-0.060	0.12	0.19	0.050	0.090	0.090	0.20	0.21	0.19	0.21	0.22	0.30	0.29	0.92	1	0.79	0.91	0.83	1.8	1.1	0.73	0.38	0.52	0.46	0.45	0.45		
n=5	0.51	0.30	0.050	0.12	0.10	0.15	0.17	0.23	0.21	0.20	0.24	0.31	0.86	0.86	0.82	0.60	0.67	2.1	3	1.5	0.69	0.68	0.42	0.41	1.2			
n=6	0.23	0.080	0.080	0.13	0.17	0.14	0.20	0.23	0.19	0.24	0.26	0.88	0.78	0.75	0.66	0.48	1.9	2.9	2	0.74	0.57	0.38	0.35	1.1				

Metal Factor

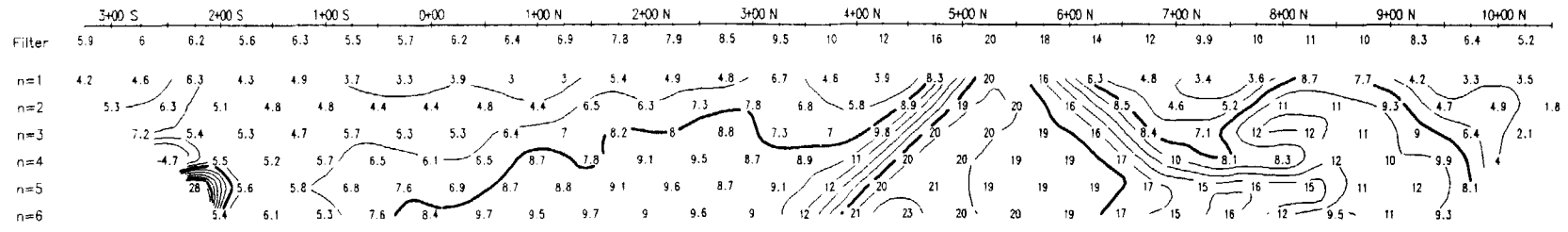
218926
 OCT 23 2012
 GEOSOFT ASSESSMENT
 UNIT

Resistivity
Ohm-m



Resistivity
Ohm-m

Chareability
nV/V



Chareability
nV/V

Filter
*
**

Logarit
Contou

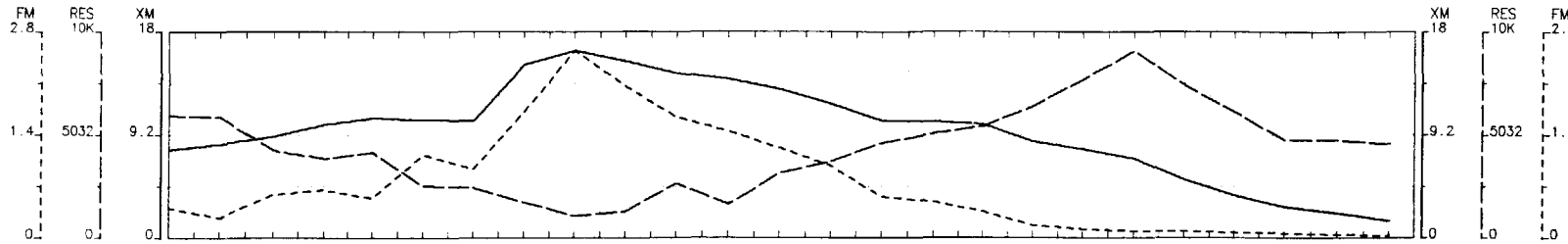
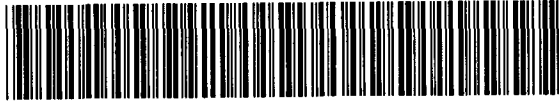
50 0

MA
INDUCE
INC

DAN P



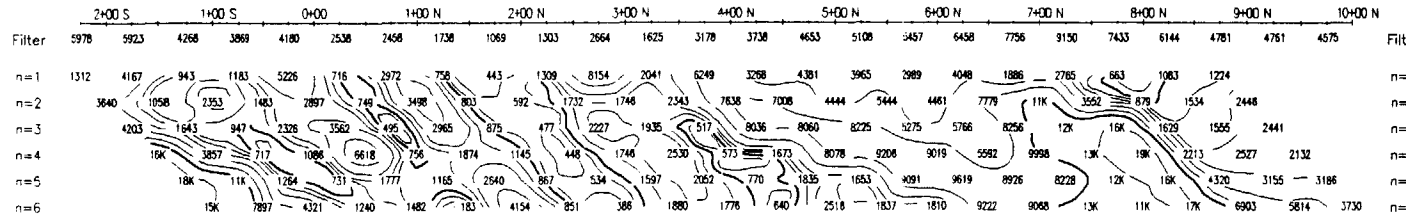
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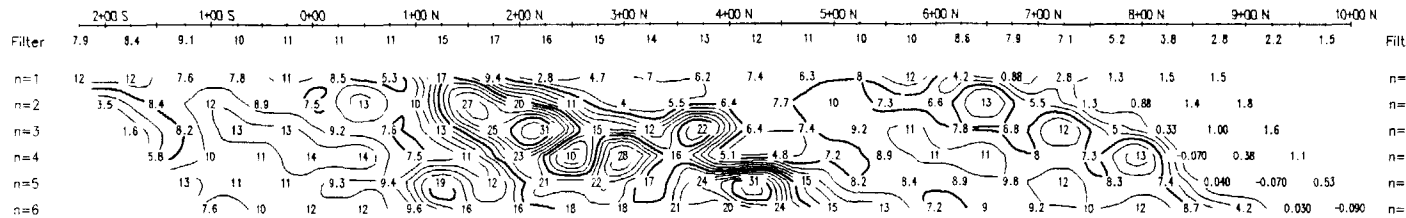
Metal Factor

Filter	2:00 S	1:00 S	0:00	1:00 N	2:00 N	3:00 N	4:00 N	5:00 N	6:00 N	7:00 N	8:00 N	9:00 N	10:00 N	Filter												
n=1	0.40	0.27	0.58	0.64	0.53	1.1	0.92	1.7	2.5	2	1.6	1.4	1.2	0.96	0.95	0.48	0.35	0.17	0.12	0.090	0.090	0.070	0.060	0.040	0.030	n=1
n=2	0.89	0.28	0.81	0.66	0.22	1.2	0.18	2.3	2.1	0.22	0.66	0.34	0.10	0.23	0.14	0.20	0.42	0.10	0.050	0.10	0.19	0.14	0.13	n=2		
n=3	0.090	0.79	0.50	0.60	0.26	1.7	0.29	3.4	3.3	0.66	0.23	0.24	0.080	0.11	0.23	0.13	0.15	0.16	0.050	0.040	0.10	0.090	0.070	n=3		
n=4	0.040	0.50	1.4	0.55	0.26	1.5	0.45	7.9	6.5	0.69	0.60	4.2	0.080	0.090	0.11	3.20	0.14	0.080	0.10	0.030	0.020	0.060	0.070	n=4		
n=5	0.040	0.27	1.5	1.3	0.20	1.00	0.56	2	2.3	1.6	0.64	0.89	0.29	0.090	0.10	0.12	0.20	0.080	0.060	0.070	0	0.020	0.050	n=5		
n=6	0.070	0.10	0.87	1.3	0.53	1.6	0.46	2.4	4.2	1	1.2	4	0.80	0.50	0.090	0.090	0.11	0.14	0.070	0.050	0	0	0.020	n=6		

Resistivity Ohm-m



Chargeability nV/V

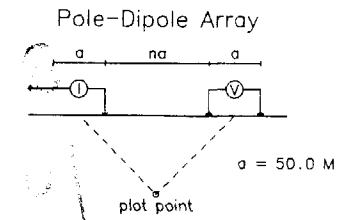


Metal Factor

Resistivity Ohm-m

Chargeability nV/V

Line 106 E



2

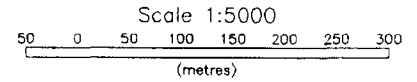
SC

RESEARCH

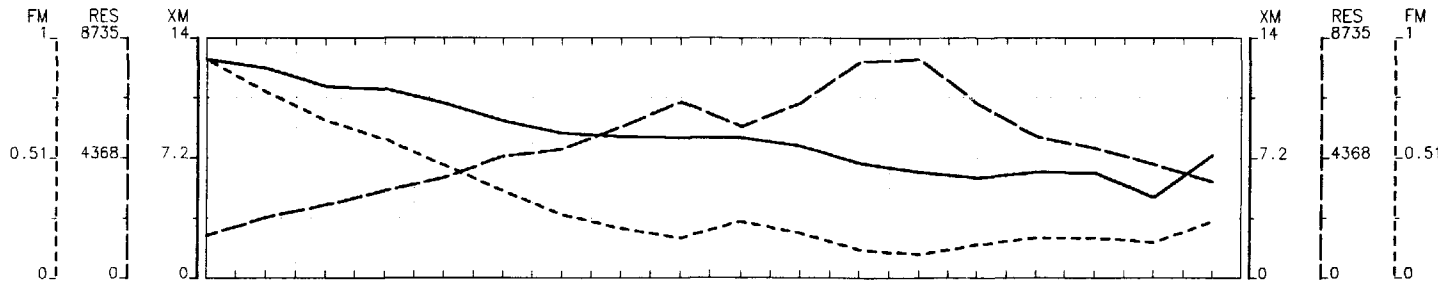
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

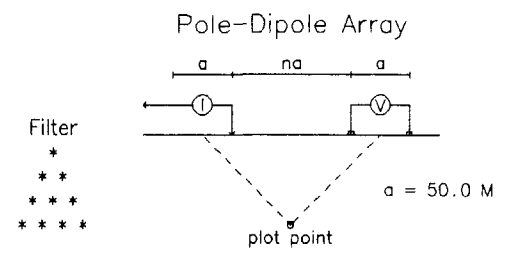
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



MAPLE MINERALS LTD.
INDUCED POLARIZATION SURVEY
THOMAS GRID
INDUCED POLARIZATION
 Date: 98/05/11
 Interpretation: B.PATRIE
DAN PATRIE EXPLORATION LTD.



Line 108 E



Metal Factor

	0+00	1+00 N	2+00 N	3+00 N	4+00 N	5+00 N	6+00 N	7+00 N	8+00 N												
Filter	0.93	0.79	0.67	0.59	0.48	0.37	0.27	0.21	0.17	0.24	0.19	0.12	0.10	0.14	0.17	0.17	0.15	0.24			
n=1	0.30	0.14	0.11	0.11	0.11	0.070	0.11	0.18	0.24	0.25	0.080	0.050	0.060	0.22	0.18	0.22					
n=2		0.81	0	0.070	0.11	0.10	0.10	0.10	0.080	0.74	0.070	0.050	0.050	0.17	0.27	-0.16					
n=3			1.2	0.57	0.21	0.10	0.12	0.10	0.13	0.090	0.090	0.39	0.12	0.050	0.22	0.20	0.29				
n=4				1.9	1	0.49	0.27	0.13	0.13	0.11	0.11	0.050	0.31	0.080	0.11	0.11	0.18	0.25			
n=5					1.8	1.4	0.85	0.54	0.35	0.14	0.15	0.090	0.16	0.24	0.060	0.070	0.10	0.19	0.25	0.33	
n=6						2	1.4	1.1	0.80	0.49	0.39	0.17	0.14	0	0.41	0.070	0.050	0.070	0.34	0.24	0.19

Metal Factor

Resistivity
Ohm-m

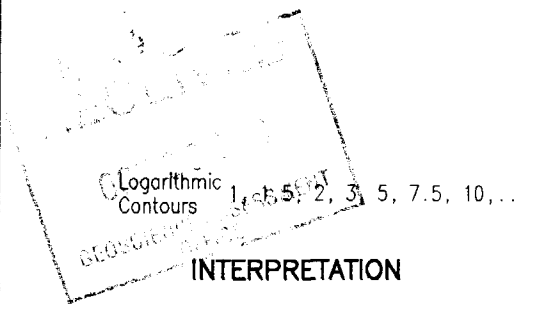
	0+00	1+00 N	2+00 N	3+00 N	4+00 N	5+00 N	6+00 N	7+00 N	8+00 N												
Filter	1533	2198	2660	3177	3649	4435	4689	5497	6394	5495	6356	7852	7941	6325	5139	4722	4125	3482			
n=1	1546	3047	3339	4546	5037	5744	3789	3455	3465	2330	5726	8036	6064	2457	3098	4973					
n=2		1807	3078	4605	4413	6310	6741	5980	6342	6137	1517	6660	10K	6389	3123	2325	4357				
n=3			1508	2588	3552	4482	4999	7756	7185	8400	8706	2208	4865	11K	10K	3073	2512	2889			
n=4				1124	1977	2992	2966	4387	5640	8303	9560	10K	3046	7578	6227	11K	4423	2808	2822		
n=5					1183	1420	2173	2582	2827	4571	5774	11K	12K	3531	11K	1462	6043	4068	2852	2681	
n=6						1123	1414	1807	2061	2344	2739	4398	6950	12K	3966	12K	12K	8997	2179	3200	3747

Resistivity
Ohm-m

Chareability
nV/V

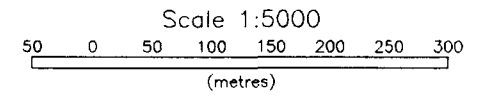
	0+00	1+00 N	2+00 N	3+00 N	4+00 N	5+00 N	6+00 N	7+00 N	8+00 N												
Filter	13	12	11	11	10	9.4	8.6	8.4	8.4	8.3	7.8	6.8	6.3	6	6.3	6.3	4.8	7.3			
n=1	5	4.4	3.8	4.9	5.7	4.2	4.3	6.2	8.3	5.8	4.5	4.1	3.9	5.4	5.5	4.1					
n=2		15	0.14	3.3	4.8	6.3	7.6	5.9	6.3	4.8	11	5.1	5.4	3.5	5.2	6.3	-6.9				
n=3			19	15	7.5	4.4	5.8	7.7	9.6	7.4	7.7	8.7	5.7	5.7	4.8	6.7	4.9	8.4			
n=4				22	20	15	8.1	5.6	7.3	8.9	11	5.4	9.6	5.9	7.1	5.7	4.8	5.1	6.9		
n=5					21	20	18	14	9.8	6.5	8.8	9.9	8.3	6.4	6.6	6.2	7.8	7.3	8.9		
n=6						23	20	18	17	11	11	7.3	9.8	-0.020	16	8.1	6.4	6.2	7.3	7.7	7.2

Chareability
nV/V



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.

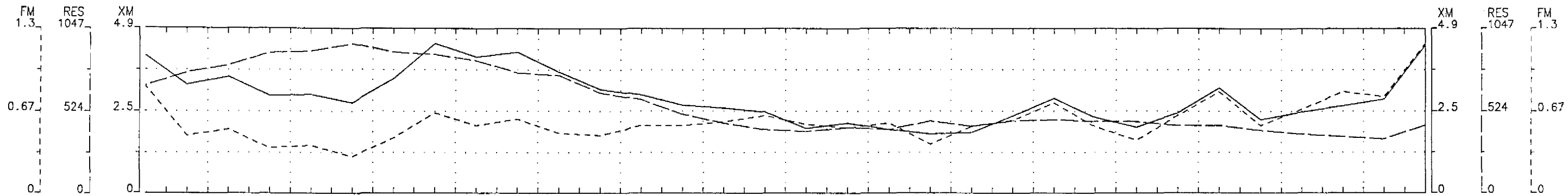


MAPLE MINERALS LTD.
INDUCED POLARIZATION SURVEY
THOMAS GRID
INDUCED POLARIZATION
 Date: 98/05/11
 Interpretation: B.PATRIE
DAN PATRIE EXPLORATION LTD.

270

SHERATON

42A07NW2012 2.18926



42A07NW2012 2.18926 SHERATON 290

METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S																		
n=1	0.86	0.47	0.52	0.37	0.39	0.30	0.45	0.65	0.55	0.60	0.49	0.47	0.55	0.55	0.58	0.63	0.56	0.53	0.57	0.40	0.54	0.59	0.73	0.54	0.43	0.63	0.82	0.55	0.68	0.82	0.78	1.2	
n=2		0.42	0.52	0.60	0.34	0.32	0.28	0.68	0.49	0.55	0.52	0.60	0.50	0.090	0.69	0.95	0.98	0.48	0.83	0.37	0.49	0.99	0.70	0.69	0.31	0.090	0.71	0.78	0.90	0.92	0.52	1.9	
n=3			0.58	0.68	0.73	0.15	0.75	0.11	0.29	1.1	0.25	0.40	0.12	0.48	0.37	0.25	0.66	1.1	0.43	1.1	0.0100	0.44	0.86	0.88	0.44	0.27	0.37	0.15	0.68	0.32	0.18	1.6	1.9
n=4				0.37	0.38	0.29	0.16	0.29	0.12	0.81	0.77	0.57	0.24	0.41	0.68	0.62	0.41	0.26	0.81	0.22	1.1	0.20	0.48	0.34	0.45	1.6	0.13	0.060	1.5	0.67	0.070	0.89	0.93
n=5					0.28	0.32	0.20	0.20	0.32	0.54	0.48	0.62	0.17	0.72	0.49	0.57	0.70	0.32	0.33	0.38	0.29	0.39	0.17	0.29	0.30	0.30	0.63	0.18	0.31	0.81	1.3	0.32	0.54
n=6						0.20	0.30	0.13	0.11	0.51	0.41	0.74	0.42	0.15	0.80	1.1	0.57	0.47	0.28	0.72	0.15	0.050	0.53	0.050	0.46	0.26	1.3	0.76	0.22	0.51	0.68	0.82	0.14

METAL FACTOR

RESISTIVITY
Ohm-m

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S																
n=1	333	351	321	412	296	387	325	360	391	304	340	216	284	202	197	162	138	161	155	376	110	151	164	170	196	173	221	195	169	130	119
n=2	654	587	591	572	544	599	571	627	476	578	484	446	437	323	273	220	277	291	245	437	280	322	283	332	345	338	354	272	239	223	231
n=3	770	771	680	915	754	822	823	605	803	633	655	541	451	365	289	360	376	339	214	358	404	409	367	409	414	390	355	322	338	359	349
n=4	1004	873	1111	1007	1011	1106	787	973	768	864	711	556	504	356	462	487	444	324	436	529	494	573	355	501	487	403	415	416	474	472	
n=5	1138	1435	1237	1361	1420	1067	1237	1027	1100	919	765	618	494	602	634	601	424	623	640	662	693	676	814	581	496	449	520	551	594		
n=6	1667	1469	1573	1678	1187	1505	1158	1196	1031	871	763	549	734	734	698	484	740	844	730	807	743	753	640	547	518	553	699	665			

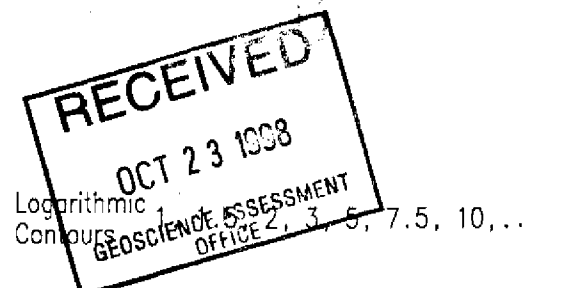
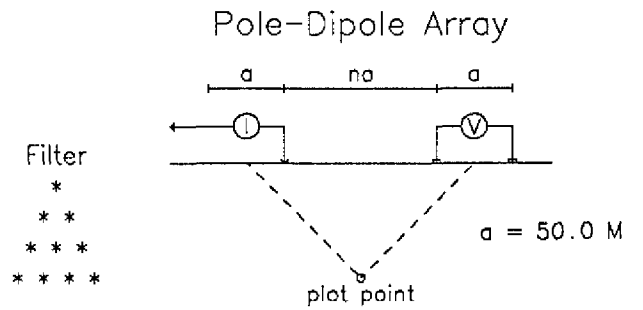
RESISTIVITY
Ohm-m

CHARGEABILITY
mV/V

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S																	
n=1	4.1	3.2	3.5	2.9	2.9	2.7	3.4	4.5	4.1	4.2	3.6	3.1	2.9	2.6	2.5	2.4	2	2.1	1.9	1.8	1.8	2.3	2.8	2.3	2	2.4	3.1	2.2	2.4	2.6	2.8	4.4
n=2	5.7	1.9	2.4	1.8	2	1.4	2.5	5.5	3.2	2.7	1.7	0.74	3	1.8	1.2	1	0.93	0.60	1.8	1.2	1.1	1.3	2.2	1.3	1.1	2.2	4.1	0.83	1.4	1.9	0.17	
n=3	2.8	3	3.5	1.9	2	1.7	3.9	3	2.8	3	2.9	2.2	0.38	2.2	2.6	2.2	1.3	2.4	0.91	2.1	2.6	2.3	1.9	1	0.30	2.4	2.8	2.5	2.2	1.2	4.3	
n=4	4.5	5.2	5	1.4	2	0.92	2.4	6.6	2	2.5	0.79	2.6	1.6	0.93	1.9	4	1.6	3.6	0.020	1.6	3.6	3.6	1.7	1.1	1.5	0.59	2.4	1	0.61	5.9	6.7	
n=5	3.8	3.3	3.2	1.6	2.9	1.4	6.4	7.5	4.4	2.1	2.9	3.8	3.1	1.5	1.2	3.9	0.96	3.5	0.88	2.5	1.7	2.6	5.7	0.67	0.31	5.8	2.8	0.30	4.2	4.4		
n=6	3.2	4.6	2.5	2.8	4.5	5.8	5.9	6.3	1.8	5.6	3.8	3.5	3.5	1.9	2.1	2.3	1.2	2.4	1.1	1.9	2	2	5.1	1.1	1.5	3.6	6.9	1.7	3.2			
n=6	3.3	4.4	2.1	1.9	6	6.2	8.8	5.1	1.5	7	8.4	3.2	3.4	2	5	0.73	0.37	4.5	0.36	3.7	1.9	9.6	4.8	1.2	2.6	3.8	5.8	0.80				

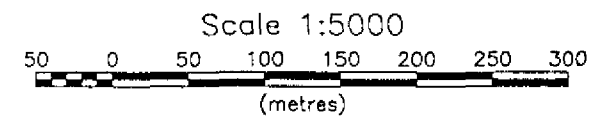
CHARGEABILITY
mV/V

Line 101 E



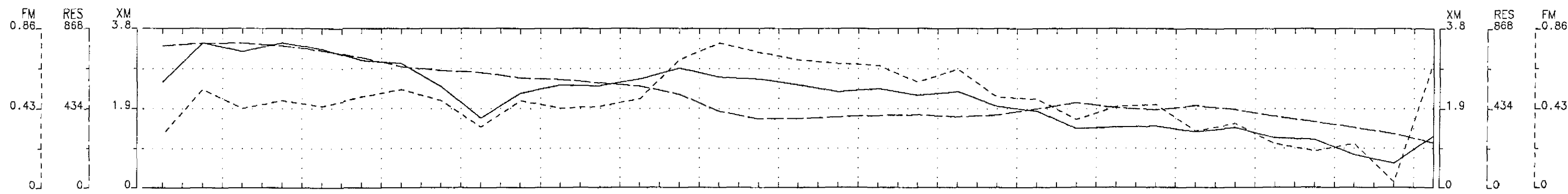
INTERPRETATION

- 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.



MAPLE MINERALS INC.
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY

Date: 98/06/08
 Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOATION LTD.



42A07NW2012 2.18926 SHERATON 300

METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S																
n=1	0.29	0.53	0.43	0.47	0.44	0.49	0.53	0.47	0.33	0.47	0.43	0.44	0.48	0.69	0.78	0.73	0.69	0.67	0.86	0.57	0.64	0.49	0.48	0.37	0.44	0.45	0.31	0.35	0.24	0.20	0.24	0.030	0.88
n=2	0.070	1.1	0.47	0.28	0.10	0.79	1.1	1.1	0.83	1.2	0.40	0.37	0.47	0.42	0.90	1.3	0.88	0.94	0.90	0.70	0.74	0.41	0.68	0.89	1.1	0.93	0.18	0.13	-0.37	-0.47	0.21	-1.1	1
n=3	0.34	0.47	0.39	0.75	1.1	0.55	0.68	0.70	0.32	0.060	0.25	0.47	0.38	0.31	2.3	-0.32	0.22	0.71	1	0.040	0.81	1	0.020	0.41	0.19	0.53	0.82	0.53	0.83	0.22	-0.0100	0.050	0.47
n=4	0.34	0.27	0.27	0.21	0.44	0.55	0.60	-0.18	0.36	0.40	0.58	1	0.50	0.0100	0.62	2	0.29	1.6	0.41	0.61	0.030	0.56	0.42	0.29	0.79	0.080	-0.080	-0.030	0.70	-0.25	0.67	0.95	
n=5		0.23	0.48	0.43	0.50	0.76	0.24	0.0100	1.3	0.16	0.22	0.69	0.36	0.61	0.050	0.37	0.14	0.71	0.43	0.68	0.99	0.31	0.29	0.46	0.13	0.34	0.18	0.96	0.26	0.35	-0.060		
n=6		0.36	0.54	0.49	0.80	-0.21	0.13	0.22	0.17	0.070	0.72	0.22	0.64	1.2	0.15	0.040	0.53	0.65	0.43	0.85	0.32	0.11	0.38	0.13	0.13	0.020	0.61	-0.13	0.21	0.25			

METAL FACTOR

Filter
n=1
n=2
n=3
n=4
n=5
n=6

RESISTIVITY

Ohm-m

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S																
n=1	774	788	789	774	748	709	660	639	629	599	589	573	554	509	418	378	380	389	357	400	389	400	433	464	439	427	451	429	393	383	332	298	247
n=2	362	304	319	344	299	312	290	273	254	237	450	449	409	441	192	119	157	157	147	159	140	158	172	167	164	147	162	140	118	127	135	143	120
n=3	618	613	501	487	488	510	455	427	473	445	438	462	357	315	114	240	205	249	287	291	252	264	274	446	388	227	287	308	240	233	229	230	236
n=4	816	871	756	669	619	641	531	536	597	515	447	345	482	420	302	320	248	327	418	334	328	327	377	472	413	309	380	413	316	291	284	280	
n=5	1086	1019	921	882	752	742	699	654	688	650	581	474	596	502	397	393	325	479	469	444	406	443	466	500	571	408	485	552	410	364	360		
n=6	1293	1157	1129	1024	866	966	926	778	838	769	722	563	708	665	467	522	449	529	623	530	523	606	517	662	711	503	625	686	502	450			
n=6	1426	1341	1272	995	1041	1102	918	887	960	976	837	636	879	756	591	692	483	630	654	650	626	547	660	769	839	520	740	793	569				

RESISTIVITY

Ohm-m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

CHARGEABILITY

mV/V

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S																
n=1	2.5	3.5	3.3	3.5	3.3	3	3	2.4	1.7	2.3	2.5	2.5	2.6	2.9	2.7	2.6	2.5	2.3	2.4	2.2	2.3	2	1.9	1.4	1.5	1.5	1.4	1.5	1.2	1.2	0.80	0.59	1.3
n=2	0.24	3.4	1.5	0.96	0.30	2.5	3.1	3	2.1	2.8	1.8	1.7	1.9	1.9	1.7	1.5	1.1	1.5	1.3	1.1	1	0.64	1.5	1.2	1.8	1.4	0.29	0.18	-0.44	-0.60	0.29	-1.5	1.3
n=3	2.1	2.9	2	3.7	5.2	2.8	3.1	3	1.5	0.26	1.2	2.2	1.4	1.6	2.7	-0.76	0.46	1.8	2.9	0.12	2	2.7	0.060	1.8	0.72	1.2	2.6	1.6	2	0.52	-0.030	0.11	1.1
n=4	2.8	2.3	2	1.4	2.8	3.5	3.2	-0.95	2.1	2.1	2.6	3.6	2.4	0.060	1.9	6.4	0.72	5.4	1.7	2.7	0.10	1.8	1.6	1.4	3.3	0.24	-0.29	-0.11	2.2	-0.77	1.9	2.7	
n=5	3.9	2.9	4.6	2.7	4.5	3.7	-2.3	3.1	3.1	1.00	0.22	2.5	1.3	9.6	6.7	3	2.4	0.96	2.5	2.8	7.2	0.17	2.4	0.55	1.2	1.3	0.59	6.2	1.5	2.9	0.78		
n=6	3	5.6	4.8	5.1	6.6	2.3	0.11	9.9	1.3	1.7	5	2	4.3	0.31	1.7	0.74	3.2	2.3	4.2	5.2	1.6	1.8	2.4	0.86	2.4	0.89	6	1.6	1.7	-0.29			
n=6	5.1	7.2	6.2	6	-2.2	1.4	2	1.5	0.66	7	1.8	4.1	10	1.2	0.23	3.7	3.1	2.7	5.6	2.1	0.71	2.1	0.88	1	0.17	3.8	-0.96	1.7	1.4				

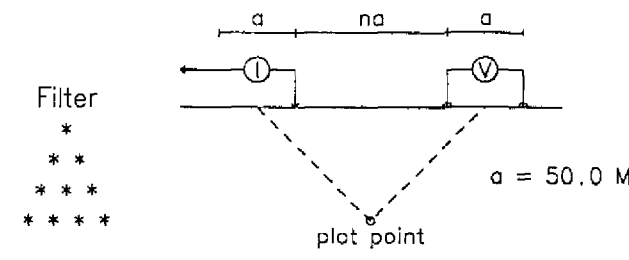
CHARGEABILITY

mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Line 102 E

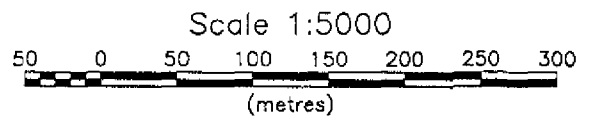
Pole-Dipole Array



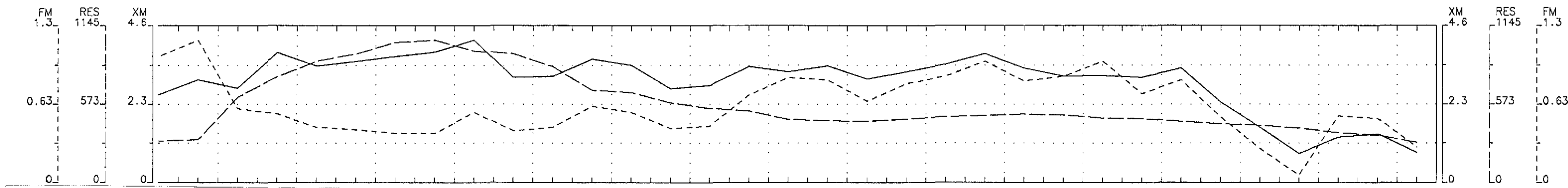
RECEIVED
OCT 23 1999
Logarithmic RESPONSE ASSESSMENT
CONTROL POINT OFFICE, 2, 3, 5, 7.5, 10,...

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.



MAPLE MINERALS INC.
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY
Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOATION LTD.



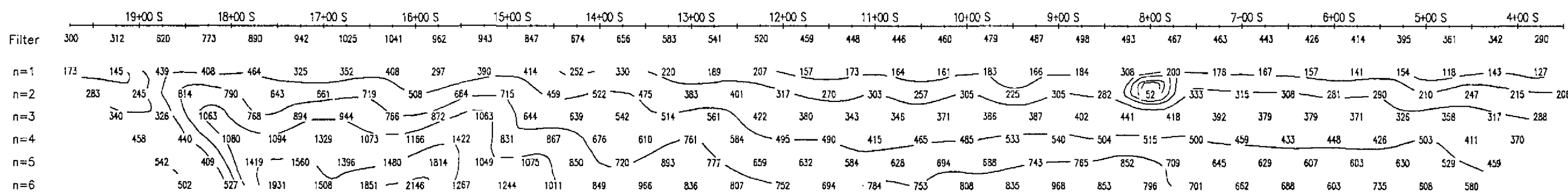
METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S																		
Filter	1	1.1	0.59	0.55	0.44	0.42	0.39	0.39	0.56	0.41	0.44	0.61	0.56	0.43	0.45	0.70	0.84	0.82	0.65	0.79	0.85	0.97	0.81	0.85	0.97	0.71	0.82	0.52	0.27	0.060	0.53	0.51	0.28	
n=1	1.5	1.9	0.46	0.85	0.67	0.72	0.65	0.38	1.2	1.00	0.88	1	0.77	0.30	-0.28	1.1	1.9	1.3	0.10	0.81	0.23	1.2	1.7	0.67	1.5	1.1	1.3	0.42	-0.30	-0.40	2.1	0.96	0.060	
n=2		0.95	1.3	0.30	0.040	0.10	0.090	0.40	0.79	0.49	0.15	0.50	0.53	0.36	0.17	1.4	0.26	0.13	0.34	0.99	1	3.1	0.53	0.42	3.4	0.74	0.54	0.65	0.070	-0.020	-0.72	0.040	0.56	-0.30
n=3		0.79	0.57	0.17	0.31	0.24	0.12	0.39	0.37	0.33	0.090	0.59	0.96	0.27	0.090	0.70	0.53	0.98	0.97	0.90	0.72	1.2	0.74	0.24	0.36	0.59	0.45	1.3	0.070	-0.23	0.29	0.46	0.93	
n=4			0.36	1.1	0.35	0.46	0.040	0.82	0.21	0.13	0.79	0.32	0.91	0.88	0.45	0.19	1.3	0.82	1.6	1.5	0.15	0.53	1.1	1.4	0.64	0.95	0.21	1.6	0.96	-0.050	0.21	0.36	1.2	
n=5				0.61	1.4	0.11	1	0.13	0.44	0.22	0.44	0.32	0.18	0.33	1.2	0.31	0.65	0.75	0.33	0.80	0.78	0.84	0.35	0.51	1.1	0.46	0.66	0.35	0.92	0.90	0	-0.040	0.58	
n=6					0.51	0.69	0.19	1.2	0.050	0.17	0.30	0.13	0.45	0.030	0.49	0.73	0.62	0.38	0.54	0.57	0.70	0.36	0.19	0.28	0.650	0.82	0.32	0.90	0.23	0.69	0.93	-0.040	-0.27	

METAL FACTOR

RESISTIVITY

Ohm-m

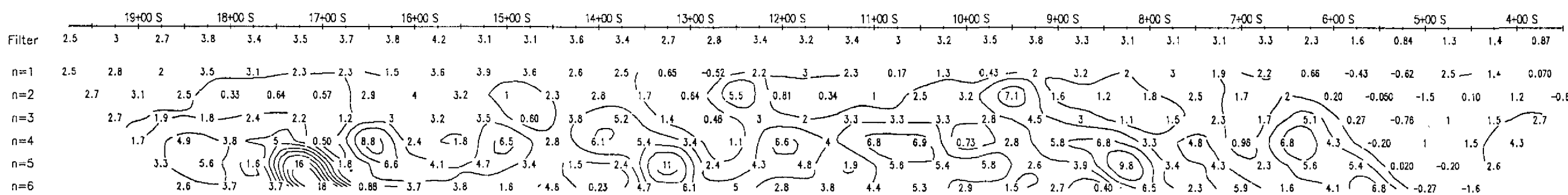


RESISTIVITY

Ohm-m

CHARGEABILITY

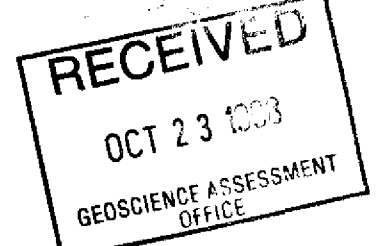
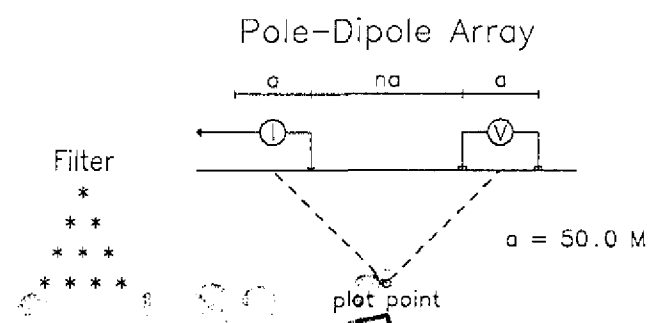
mV/V



CHARGEABILITY

mV/V

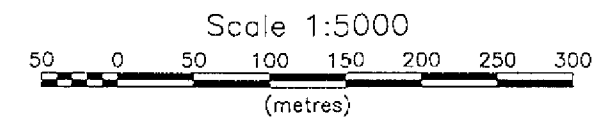
Line 103 E



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.

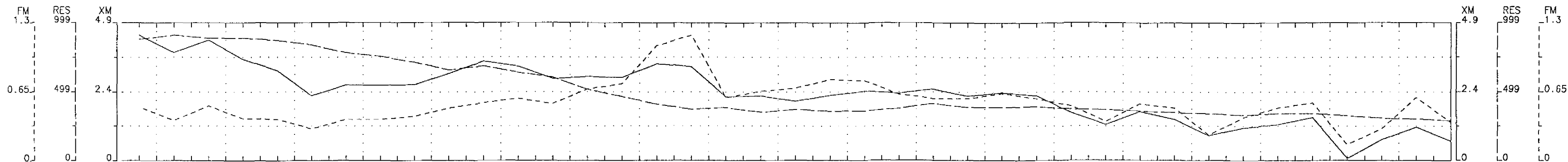


MAPLE MINERALS INC.

INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY

Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE

DAN PATRIE EXPLOATION LTD.



METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	Filter																			
n=1	0.51	0.38	0.52	0.40	0.39	0.39	0.39	0.42	0.50	0.55	0.59	0.54	0.68	0.73	1.1	1.2	0.60	0.56	0.69	0.77	0.76	0.63	0.59	0.59	0.64	0.59	0.52	0.37	0.54	0.50	0.24	0.41	0.50	0.55	0.15	0.30	0.60	0.36	
n=2	0.73	0.32	0.95	0.48	0.67	0.49	0.74	0.79	0.66	0.64	0.69	0.95	0.89	0.94	0.80	1.1	1.8	0.26	0.59	1.5	1.1	0.87	0.76	0.86	0.73	0.84	0.61	0.77	0.60	0.81	0.66	-0.29	0.73	0.99	0.97	1.5	0.71	1.8	0.76
n=3	0.52	0.070	0.55	0.41	0.46	0.31	0.51	0.44	0.31	0.31	0.57	0.44	0.38	0.53	0.44	0.42	4.4	1.6	0.66	0.080	0.48	1.2	0.59	0.58	0.45	0.46	0.34	0.50	0.40	0.40	0.31	2.1	0.49	0.50	0.59	0.34	0.36	0.63	0.47
n=4	-0.050	0.68	0.12	0.38	0.22	0.39	0.0100	0.42	0.22	0.35	0.58	0.35	0.22	0.39	2.5	0.62	0.31	0.62	0.40	0.96	0.47	1.2	0.23	0.28	0.27	0.38	1.4	0.14	0.34	0.29	1.7	-1.5	0.11	3.8	0.78	0.11	-0.68	4.6	
n=5		0.37	0.70	0.56	0	0.35	0.63	0.17	0.42	0.48	1.4	1.1	0.74	1.5	0.95	0.12	1.4	0.59	0.35	0.25	3	0.11	0.55	0.52	0.76	0.79	0.97	0.28	0.68	0.72	-0.57	1.9	0.36	-1.8	-0.47	0.33	1.5	-7.4	
n=6		0.88	0.58	0.29	0.020	0.59	0.040	0.16	0.50	0.49	0.39	0.56	0.0100	0.15	0.26	0.060	2.1	0.40	0.33	0.040	0.12	1.1	0.36	0.12	1.8	0.35	0.94	0.34	-0.18	0.34	0.70	0.48	-0.92	0.18	0.67	-0.27	0.97		
n=6		0.84	0.27	0.22	0.24	0.090	0.080	0.24	0.33	0.20	0.60	0.21	0.38	0.23	0.20	2.5	-0.050	0.23	0.41	0.24	1.2	0.55	0	2	0.15	0.49	0.24	0.23	0.22	0.080	0.42	0.73	0.17	0.080	0.080	0.080			

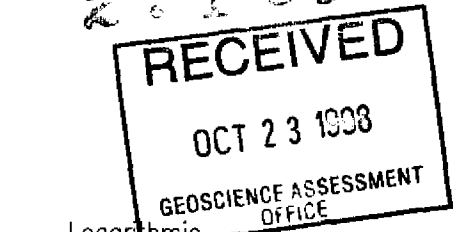
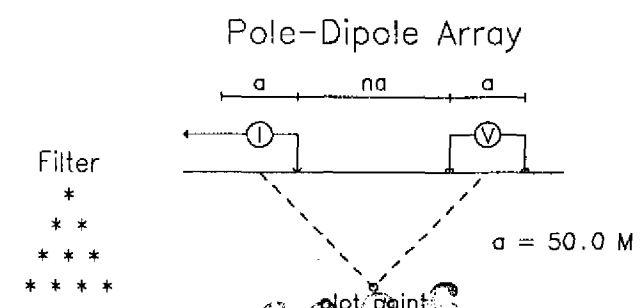
RESISTIVITY

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	Filter																			
n=1	890	908	886	886	869	836	780	754	712	657	685	638	604	518	464	409	372	384	350	370	358	359	378	415	386	387	392	373	369	359	348	341	330	340	343	325	308	302	289
n=2	417	428	382	425	385	428	388	413	401	364	434	235	222	154	191	168	141	160	105	180	172	202	255	315	185	207	203	140	155	141	144	152	141	154	164	150	139	158	177
n=3	745	690	668	544	645	685	620	643	666	568	540	557	443	349	243	286	219	271	270	212	299	236	275	336	387	260	312	307	255	266	248	244	246	227	272	267	221	235	278
n=4	975	1007	755	733	819	740	716	711	657	588	503	700	539	431	297	289	289	312	357	256	338	275	326	367	417	301	334	345	311	317	307	276	292	293	323	293	272	321	
n=5	1222	1312	1042	954	987	923	845	765	740	618	628	864	656	551	336	393	354	405	492	304	398	327	421	420	474	334	416	418	399	389	368	329	348	343	394	395	340		
n=6	1320	1267	1304	1048	1097	1057	877	845	861	846	741	1047	852	641	448	473	448	569	584	411	505	400	505	519	620	446	545	527	499	478	460	470	451	414	487	498			
n=6	1461	1460	1357	1158	1154	1028	892	836	904	973	882	1208	918	801	532	551	560	610	673	434	559	431	527	543	638	526	588	600	525	546	516	485	514	496	606				

CHARGEABILITY

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	Filter																			
n=1	4.4	3.8	4.3	3.6	3.2	2.3	2.7	2.7	2.7	3.1	3.5	3.3	2.9	3	2.9	3.4	3.3	2.3	2.3	2.1	2.3	2.5	2.4	2.5	2.3	2.4	2.3	1.7	1.3	1.7	1.5	0.87	1.1	1.3	1.5	0.070	0.73	1.2	0.68
n=2	3	1.4	3.7	2	2.6	2.1	2.9	3.3	2.6	2.3	3	2.2	2	1.5	1.5	1.9	2.6	0.46	0.62	-2.8	1.9	1.8	1.9	2.1	1.4	1.7	1.2	1.1	0.93	1.1	0.95	-0.44	1	1.5	1.6	-2.3	0.99	2.8	1.3
n=3	3.9	0.45	3.7	2.2	3	2.1	3.2	2.8	2.1	1.8	3.1	2.5	1.7	1.8	1.1	1.2	1.9	4.3	1.8	0.18	1.5	2.9	1.6	2	1.7	1.2	1.1	1.5	1	1.1	0.76	5	1.2	1.1	1.8	0.92	0.79	1.5	1.3
n=4	-0.51	6.8	0.88	2.8	1.8	2.9	0.060	3	1.5	2	2.9	2.5	1.2	1.7	1.2	1.7	1.8	0.90	1.9	1.4	2.5	1.6	3.4	0.74	1	1.1	1.1	4.7	0.49	1.1	0.91	5.2	-4.3	0.31	11	2.5	0.32	-1.9	15
n=5	4.5	9.2	5.8	0.040	3.4	5.8	1.5	3.2	3.5	8.7	6.8	6.4	8.5	5.2	0.39	5.3	2.1	1.4	1.2	0.9	0.42	1.8	2.2	3.2	3.7	3.2	1.2	2.8	2.9	-2.2	6.9	1.2	-6.4	-1.6	1.3	6	-25	4.8	
n=6	12	7.3	3.8	0.24	6.5	0.37	1.4	4.2	4.2	3.3	4.2	0.15	1.3	1.7	0.28	9.9	1.8	1.9	0.25	0.49	5.5	1.5	0.62	9.2	2.2	4.2	1.8	-3.97	1.7	3.3	2.2	-4.3	0.79	2.8	-1.3	4.8			
n=6	12	4	3	2.8	1.1	0.87	2.1	2.8	1.8	5.8	1.9	4.6	2.1	1.6	1.3	-0.27	1.3	2.5	1.6	5.1	3.1	0.020	11	0.81	3.1	1.3	1.4	1.3	0.43	2.3	3.8	0.80	0.40	0.46	0.47				

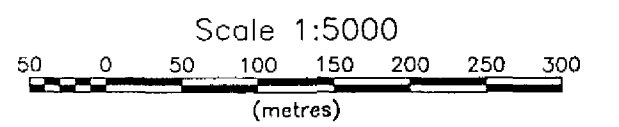
Line 104 E



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

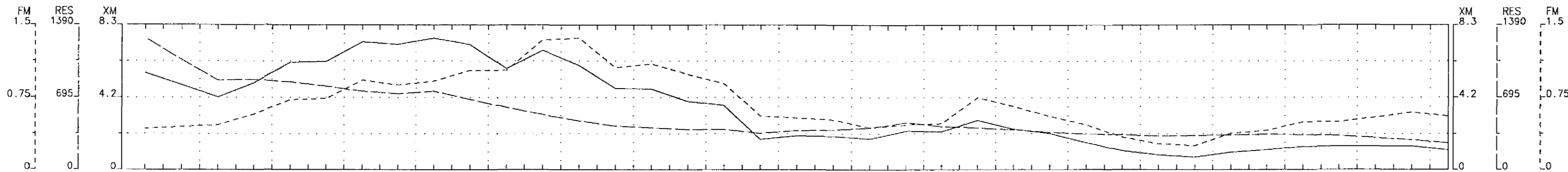
INTERPRETATION

- 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.



MAPLE MINERALS INC.
 INDUCED POLARIZATION SURVEY
 POLE-DIPOLE SURVEY
 THOMAS/SHERATON PROPERTY
 Date: 98/06/08
 Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOITATION LTD.

SHERATON 320
 42A07NW2012 2.18926
 Geosoft Software for the Earth Sciences



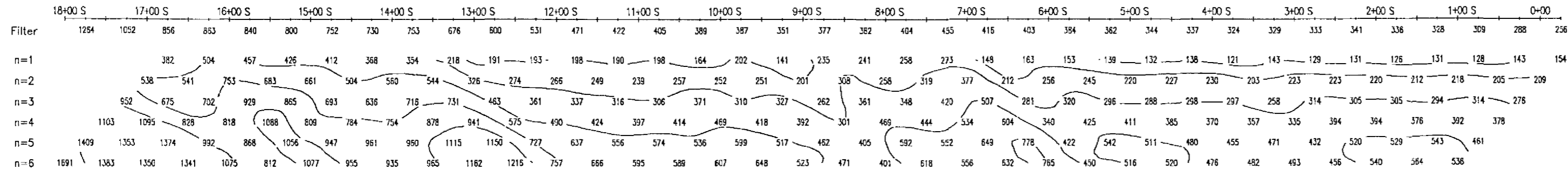
METAL FACTOR

	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																		
Filter	0.43	0.45	0.47	0.58	0.73	0.74	0.93	0.88	0.92	1	1	1.4	1.4	1.1	1.1	0.99	0.89	0.56	0.54	0.52	0.44	0.47	0.48	0.75	0.66	0.56	0.47	0.34	0.27	0.25	0.38	0.41	0.50	0.50	0.55	0.60	0.56
n=1			0.31	0.64	0.79	0.65	0.86	0.45	0.68	0.93	1	1.4	1.3	0.55	1.2	1.1	0.85	1	0.91	0.91	0.68	0.71	0.61	1.2	1.1	0.53	0.50	0.44	0.72	0.49	0.83	0.82	0.96	0.89	0.95	1.1	0.82
n=2			0.50	0.67	0.72	0.32	0.070	0.71	0.42	0.53	1.3	1.4	1.6	1.1	0.050	0.90	0.81	0.11	0.050	0.53	0.62	0.29	0.56	0.22	1.3	-0.24	0.27	0.59	0.14	-0.19	0.76	0.39	0.44	0.73	0.72	0.71	0.62
n=3			0.27	0.25	0.21	0.36	0.88	0.35	1.2	0.40	0.25	0.80	1.1	0.83	2.7	0.66	0.80	1.2	1.8	0.87	0.54	0.18	0.48	0.86	-0.11	1.7	1.1	0.77	-0.27	-0.11	0	0.30	0.26	0.63	0.62	0.39	0.34
n=4			0.36	0.14	0.48	0.46	0.52	0.27	1.7	0.45	0.77	0.48	2.2	1.6	1.8	0.43	2	0.47	0.050	0.28	0.49	-0.10	-0.10	0.32	0.29	0.48	0.38	0.78	1.4	0.60	-0.11	0.31	0.45	0.40	0.54	0.64	0.21
n=5			0.22	1.1	0.37	0.23	1.1	0.040	1.4	1.7	0.24	2.3	1.2	0.66	0.23	1	3.2	0.030	0.20	0.67	0.21	-0.090	0.090	0.80	0.63	0.87	0.41	0.13	0.38	-0.11	-0.40	0.25	0.40	0.060	0.15	0.12	0.28
n=6	0.21	0.84	0.87	0.17	1.3	1	1.1	-4.7	0.34	2.8	0.32	0.030	1.8	0.15	-5	0.70	0.48	0.91	0.54	-0.27	0.090	1.8	0.76	0.70	0.60	0.080	0.89	0.20	0.73	0.35	-0.060	0.38	0.23	0.35	0.10		

METAL FACTOR

	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																		
Filter	1284	1052	856	853	840	800	752	730	753	676	600	531	471	422	405	389	387	351	377	382	404	435	416	403	384	362	344	337	324	329	333	341	336	328	309	288	256
n=1			382	504	457	426	412	368	354	218	191	193	198	190	198	164	202	141	235	241	258	273	148	163	153	139	132	136	121	143	129	131	126	131	128	143	154
n=2			538	541	753	683	661	504	560	544	326	274	266	249	239	257	252	251	201	308	258	319	377	212	256	245	220	227	230	203	223	223	220	212	218	205	209
n=3			552	675	702	929	865	693	636	718	731	483	361	337	316	306	371	310	327	262	361	348	420	507	281	320	296	288	298	297	258	314	305	305	294	314	278
n=4			1103	1095	828	818	1088	809	784	754	878	941	575	490	424	397	414	469	418	392	301	469	444	534	604	340	425	411	385	370	357	335	394	394	376	392	378
n=5			1409	1353	1374	992	868	1056	947	961	990	1115	1150	727	637	556	574	536	599	517	462	405	592	552	649	778	422	542	511	480	455	471	432	520	529	543	461
n=6	1691	1383	1350	1341	1075	812	1077	955	935	965	1162	1215	757	666	595	589	607	648	523	471	401	618	556	532	765	450	516	520	476	482	493	456	540	564	536		

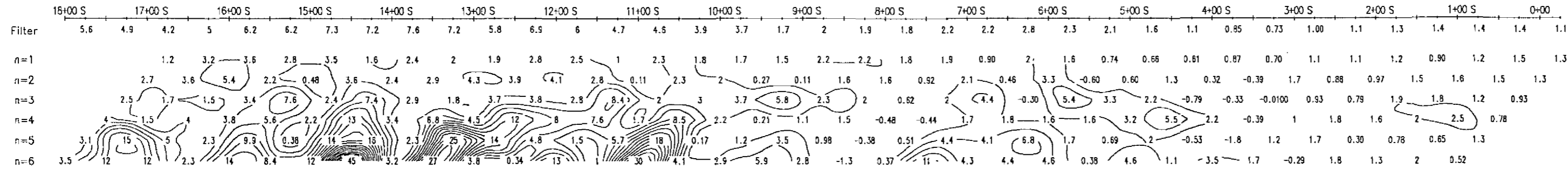
RESISTIVITY
Ohm-m



RESISTIVITY
Ohm-m

	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																					
Filter	5.6	4.9	4.2	5	6.2	6.2	7.3	7.2	7.6	7.2	5.8	6.5	6	4.7	4.5	3.9	3.7	1.7	2	1.9	1.8	2.2	2.2	1.8	1.9	0.90	2	1.6	0.74	0.66	0.81	0.87	0.70	1.1	1.1	1.2	0.90	1.2	1.5	1.3
n=1			1.2	3.2	3.6	2.8	3.5	1.6	2.4	2	1.9	2.8	2.5	1	2.3	1.8	1.7	1.5	2.2	2.2	1.8	1.9	0.90	2	1.6	0.74	0.66	0.81	0.87	0.70	1.1	1.1	1.2	0.90	1.2	1.5	1.3			
n=2			2.7	3.6	5.4	2.2	0.48	3.6	2.4	2.9	4.3	3.9	4.1	2.8	0.11	2.3	2	0.27	0.11	1.6	1.6	0.92	2.1	0.46	3.3	-0.60	0.60	1.3	0.32	-0.39	1.7	0.88	0.97	1.5	1.6	1.5	1.3			
n=3			2.5	1.7	1.5	3.4	7.6	2.4	2.9	1.8	3.7	3.8	2.8	8.4	2	3	3.7	5.8	2.3	2	0.62	2	4.4	-0.30	5.4	3.3	2.2	-0.79	-0.33	-0.0100	0.93	0.79	1.9	1.8	1.2	0.93				
n=4			4	1.5	4	3.8	5.6	2.2	13	3.4	6.8	4.5	12	8	7.6	1.7	8.5	2.2	0.21	1.1	1.5	-0.48	-0.44	1.7	1.8	1.6	1.6	3.2	5.5	2.2	-0.39	1	1.8	1.6	2	2.5	0.78			
n=5			3.1	15	5	2.3	9.9	0.38	14	16	2.3	25	14	4.8	1.5	5.7	18	0.17	1.2	3.5	0.98	-0.38	0.51	4.4	4.1	6.8	1.7	0.69	2	-0.53	-1.8	1.2	1.7	0.30	0.78	0.65	1.3			
n=6	3.5	12	12	2.3	14	8.4	12	45	3.2	27	3.8	0.34	13	1	30	4.1	2.9	5.9	2.8	-1.3	0.37	11	4.3	4.4	4.6	0.38	4.6	1.1	-3.5	1.7	-0.29	1.8	1.3	2	0.52					

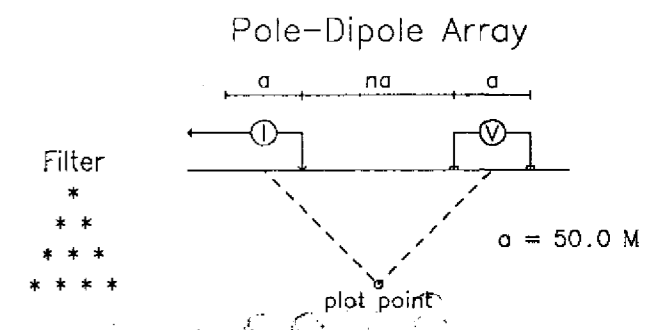
CHARGEABILITY
mV/V



CHARGEABILITY
mV/V

	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																					
Filter	5.6	4.9	4.2	5	6.2	6.2	7.3	7.2	7.6	7.2	5.8	6.5	6	4.7	4.5	3.9	3.7	1.7	2	1.9	1.8	2.2	2.2	1.8	1.9	0.90	2	1.6	0.74	0.66	0.81	0.87	0.70	1.1	1.1	1.2	0.90	1.2	1.5	1.3
n=1			1.2	3.2	3.6	2.8	3.5	1.6	2.4	2	1.9	2.8	2.5	1	2.3	1.8	1.7	1.5	2.2	2.2	1.8	1.9	0.90	2	1.6	0.74	0.66	0.81	0.87	0.70	1.1	1.1	1.2	0.90	1.2	1.5	1.3			
n=2			2.7	3.6	5.4	2.2	0.48	3.6	2.4	2.9	4.3	3.9	4.1	2.8	0.11	2.3	2	0.27	0.11	1.6	1.6	0.92	2.1	0.46	3.3	-0.60	0.60	1.3	0.32	-0.39	1.7	0.88	0.97	1.5	1.6	1.5	1.3			
n=3			2.5	1.7	1.5	3.4	7.6	2.4	2.9	1.8	3.7	3.8	2.8	8.4	2	3	3.7	5.8	2.3	2	0.62	2	4.4	-0.30	5.4	3.3	2.2	-0.79	-0.33	-0.0100	0.93	0.79	1.9	1.8	1.2	0.93				
n=4			4	1.5	4	3.8	5.6	2.2	13	3.4	6.8	4.5	12	8	7.6	1.7	8.5	2.2	0.21	1.1	1.5	-0.48	-0.44	1.7	1.8	1.6	1.6	3.2	5.5	2.2	-0.39	1	1.8	1.6	2	2.5	0.78			
n=5			3.1	15	5	2.3	9.9	0.38	14	16	2.3	25	14	4.8	1.5	5.7	18	0.17	1.2	3.5	0.98	-0.38	0.51	4.4	4.1	6.8	1.7	0.69	2	-0.53	-1.8	1.2	1.7	0.30	0.78	0.65	1.3			
n=6	3.5	12	12	2.3	14	8.4	12	45	3.2	27	3.8	0.34	13	1	30	4.1	2.9	5.9	2.8	-1.3	0.37	11	4.3	4.4	4.6	0.38	4.6	1.1	-3.5	1.7	-0.29	1.8	1.3	2	0.52					

Line 105 E



Filter *
**

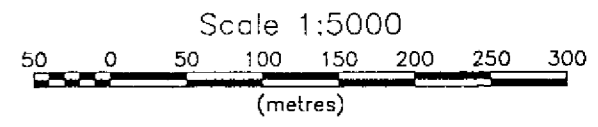
2.18926

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

INTERPRETATION

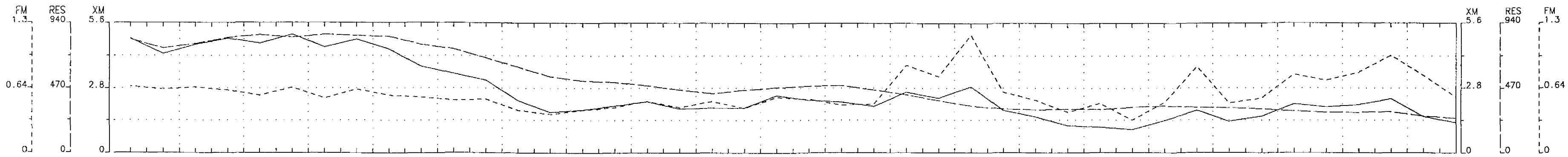
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



MAPLE MINERALS INC.
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY

Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOITATION LTD.





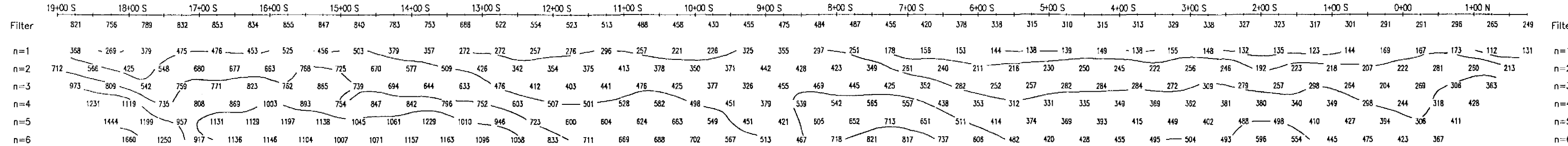
METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N																					
n=1	0.66	0.63	0.65	0.62	0.57	0.65	0.54	0.63	0.57	0.55	0.52	0.53	0.42	0.39	0.42	0.45	0.51	0.45	0.51	0.44	0.55	0.53	0.47	0.48	0.87	0.76	1.2	0.60	0.52	0.40	0.49	0.32	0.50	0.86	0.49	0.54	0.78	0.72	0.80	0.97	0.77	0.55
n=2	0.74	0.86	0.98	0.77	0.77	1.2	0.60	0.99	0.98	1.1	0.53	0.68	0.68	0.71	0.75	0.76	1.1	0.65	0.96	0.38	0.88	1.3	0.66	0.85	2.5	0.84	2.9	0.33	0.55	0.79	2	0.32	0.86	2.9	0.87	0.51	0.83	0.70	1.7	2.3	1.7	0.70
n=3	0.90	0.83	0.54	0.74	0.73	0.42	0.63	0.83	0.82	0.32	0.41	1.3	0.55	0.42	0.39	0.40	0.54	0.32	0.41	0.55	0.89	0.48	0.49	0.50	0.39	0.92	1.8	1.2	0.34	0.26	-0.99	0.39	0.50	1.4	0.51	0.59	0.63	1.7	0.17	0.73	0.74	0.25
n=4	0.41	0.57	0.50	0.63	0.47	0.31	0.46	0.72	0.53	0.52	0.84	0.72	0.080	0.58	0.35	0.65	0.44	0.40	0.74	0.61	0.53	1.1	0.070	0.71	0.18	1.00	0.89	0.75	1.5	0.99	0.72	-0.040	0.71	0.47	0.47	0.44	0.36	0.13	0.35	0.22	0.87	
n=5	0.47	0.68	0.57	0.55	0.43	0.60	0.57	0.45	0.42	0.71	0.74	0.57	0.28	0.26	0.59	0.30	0.51	0.39	1.1	0.050	0.37	0.83	0.23	0.57	0.51	1.1	1.1	0.49	0.12	0.0100	0.46	0.0100	0.25	0.34	0.33	0.87	2.2	1.8	-0.19	0.31		
n=6	0.21	0.17	0.67	0.54	0.47	0.24	0.87	0.28	0.38	0.41	0.17	0.23	0.27	0.15	0.40	0.32	0.35	0.58	0.18	0.060	0.15	0.42	0.35	0.51	0.52	0.69	0.34	0.41	-0.12	0.53	0.36	0.40	0.17	0.26	0.48	0.96	0.74	1.3	0.47			
n=6	0.32	1.4	0.48	0.57	0.89	0.39	0.25	0.090	0.25	0.16	0.10	-0.020	0.39	0.21	0.18	0.40	0.36	0.22	-0.13	0.18	0.42	0.25	0.45	0.38	0.44	0.36	0.20	0.42	0.41	0.42	0.040	0.0100	0.13	0.23	0.27	0.42	0.18	0.71				

METAL FACTOR

RESISTIVITY

Ohm-m

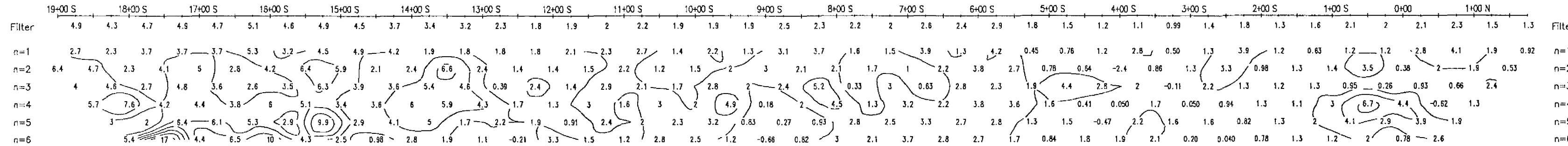


RESISTIVITY

Ohm-m

CHARGEABILITY

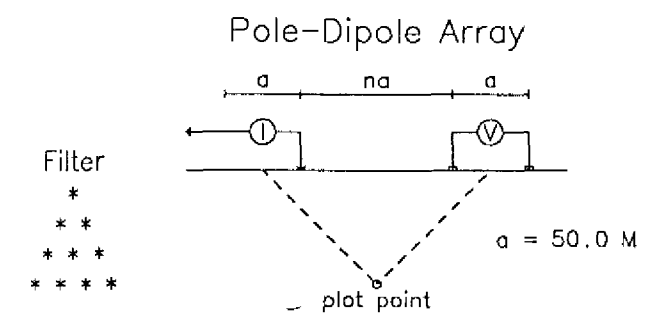
mV/V



CHARGEABILITY

mV/V

Line 106 E

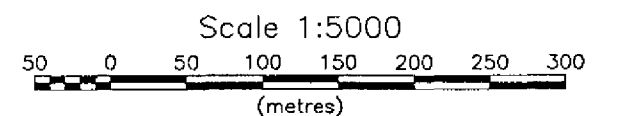


2.1 RECEIVED
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GEOSCIENCE ASSESSMENT OFFICE

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

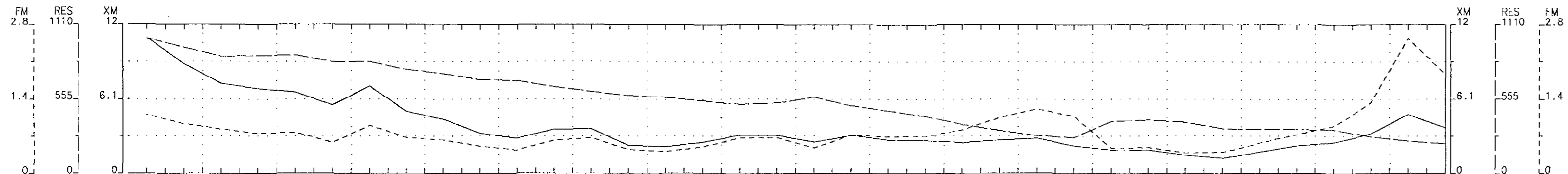
INTERPRETATION

- 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.

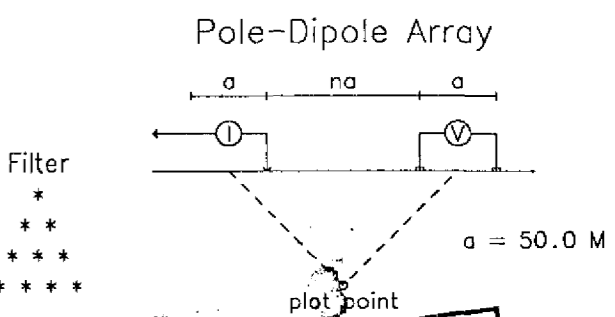


MAPLE MINERALS INC.
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THOMAS/SHERATON PROPERTY
Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOATION LTD.

SHERATON 340
42A07NW2012 2.18926



Line 107 E

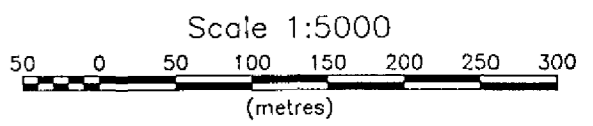


RECEIVED
OCT 23 1938
GEOSCIENCE ASSESSMENT
OFFICE

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.

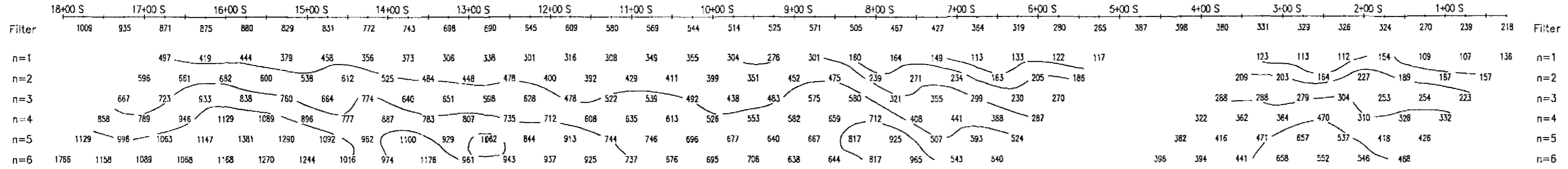


METAL FACTOR

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S																				
n=1	1.1	0.92	0.82	0.74	0.76	0.57	0.89	0.66	0.62	0.50	0.43	0.61	0.66	0.44	0.40	0.49	0.65	0.66	0.47	0.71	0.68	0.69	0.81	1	1.2	1.1	0.46	0.47	0.37	0.38	0.56	0.72	0.88	1.3	2.5	1.8		
n=2			0.78	0.49	1.1	-0.36	1.3	0.89	1.1	0.91	0.50	0.91	1.1	0.69	0.60	0.59	0.89	1.1	0.57	0.94	0.74	0.89	0.75	1.6	1.5	1.5			0.62	0.68	0.64	0.99	0.91	2.9	0.21			
n=3				0.32	0.62	0.29	0.68	1.2	0.71	0.64	0.65	0.42	0.63	1.2	0.69	0.48	0.15	0.51	0.94	0.40	0.75	0.62	0.55	0.26	0.93	0.57	1.5		0.050	0.41	0.84	0.25	1.8	2.7	6			
n=4					1.2	1.1	0.34	0.39	0.76	0.32	0.76	0.25	0.11	0.15	1.00	0.33	0.32	0.33	0.70	1.3	0.32	0.60	0.28	1.7	1.2	0.080	3.2	1		0.69	0.11	0.060	0.36	0.76	0.17	2		
n=5						0.62	1.5	0.56	0.46	1.1	1.4	0.88	0.73	0.10	0.37	1.1	0.22	0.42	0.42	0.61	0.22	0.52	0.76	0.30	0.23	0.91	0.91	0.48	0.84		0.20	0.18	0.87	0.10	1.4	3.3	1	
n=6							1.1	0.93	0.70	0.19	0.82	1.1	1.1	0.44	0.050	0.27	1.2	0.19	0.030	0.39	0.42	0.49	-0.050	0.70	0.29	0.40	0.14	0.30	0.18	0.52		0.090	0.72	0.85	0.21	0.040	1.5	1.2
n=6	0.98	2.8	0.73	0.47	1.5	0.90	0.84	0.57	-0.25	0.83	0.74	0.40	0.080	0.16	0.28	0.81	0.14	0.86	0.12	1.4	0.37	0.27	2	0.68					0.17	0.78	0.95	0.10	0.050	0.54	1			

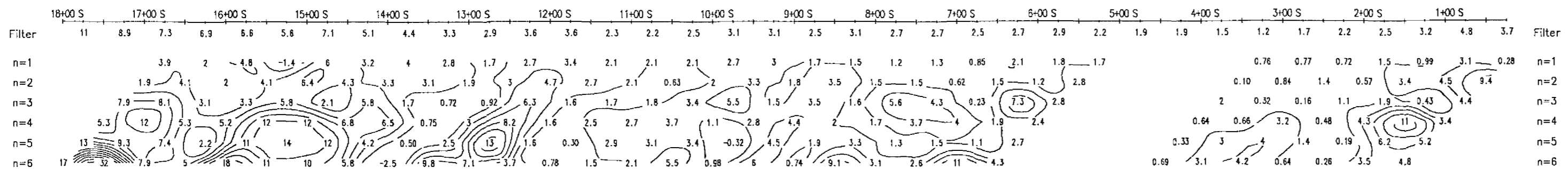
METAL FACTOR

RESISTIVITY



RESISTIVITY

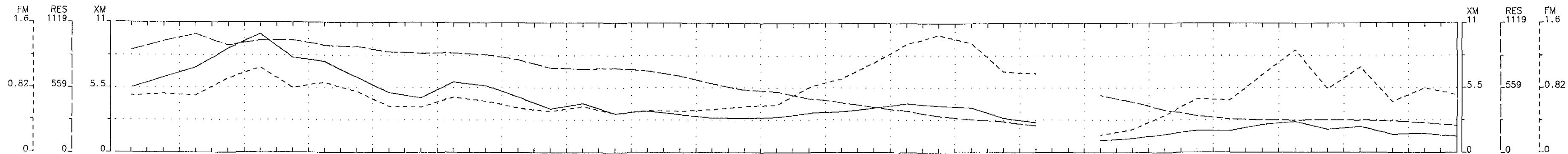
CHARGEABILITY



CHARGEABILITY

MAPLE MINERALS INC.
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THOMAS/SHERATON PROPERTY
Date: 98/06/08
Interpretation: B.PATRIE AND D.PATRIE
DAN PATRIE EXPLOITATION LTD.

SHERATON 350
42A07NW012
2.18926

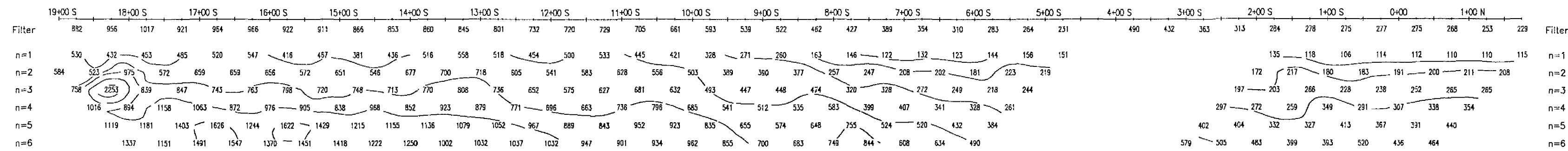


METAL FACTOR

Filter	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	Filter																			
n=1	0.72	0.74	0.72	0.94	1.1	0.82	0.89	0.77	0.58	0.57	0.70	0.65	0.56	0.52	0.58	0.49	0.53	0.52	0.54	0.58	0.60	0.53	0.94	1.1	1.4	1.5	1.4	1	1	0.22	0.29	0.47	0.68	0.66	0.99	1.3	0.81	1.1	0.84	0.82	0.73
n=2	1.1	1.2	0.57	0.71	1.1	0.64	1.2	1.3	0.56	1	0.72	0.50	0.62	0.80	0.77	0.63	0.68	0.57	0.70	0.66	0.67	1.2	1.2	1.4	1.7	1.7	1.1	0.71	0.79	0.58	1.7	3.9	1.5	3	0.94	1.5	1	n=1			
n=3	0.81	0.58	0.50	0.68	0.88	0.81	0.10	0.97	0.79	0.27	0.060	1.2	0.16	0.22	0.29	0.49	0.51	0.72	0.58	0.74	0.73	0.71	1.3	1.4	2.1	1.7	2.2	0.52	0.62	1.2	0.070	1.6	0.050	1.5	0.53	0.82	0.59	n=2			
n=4	0.30	0.28	0.38	1.3	0.32	1.4	0.070	0.46	0.69	0.72	0.45	1.4	0.25	0.52	0.53	0.96	0.35	0.76	0.56	0.44	0.72	0.71	1.1	1.4	0.83	2.8	2.1	1.2	0.10	0.54	1.00	1.7	0.48	0.40	1.3	0.81	n=3				
n=5	0.82	0.62	1.5	0.60	4	1.2	0.88	0.070	0.40	0.71	0.57	0.76	0.35	1.1	0.70	1.1	0.37	0.86	0.26	0.78	0.48	0.53	1.4	0.39	1.7	0.65	1.8	0.43	1.6	1.3	1.1	0.59	0.44	0.11	0.41	n=4					
n=6	0.020	0.93	0.61	1.2	1.3	0.72	0.27	0.34	0.73	1	0.13	1.8	0.25	0.020	0.58	0.040	0.090	0.40	0.49	0.58	0.63	0.94	0.41	1.1	1.8	1.9	0.38	0.17	0.89	0.94	1.2	0.07	0.15	0.42	n=5						
n=6	0.13	1.7	1.1	0.71	0.86	0.10	0.21	0.81	1.4	0.090	1.2	0.0100	0.53	0.030	0.27	0.54	0.23	0.43	0.54	0.38	0.62	0.54	0.59	0.88	0.92	0.25	0.0100	0.45	0.21	0.67	0.72	0.14	0.33	n=6							

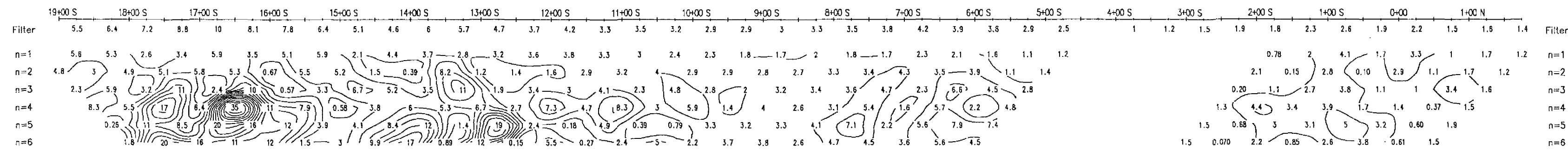
METAL FACTOR

RESISTIVITY



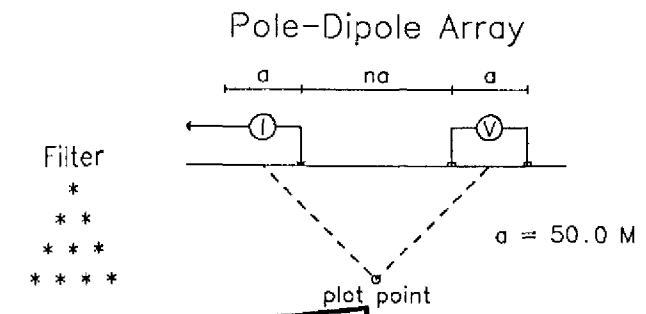
RESISTIVITY

CHARGEABILITY



CHARGEABILITY

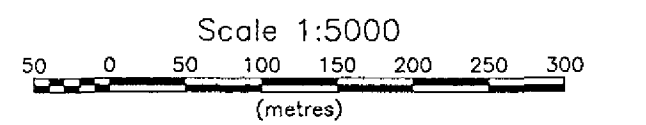
Line 108 E



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OCT 23 1993
GEOSCIENCE ASSESSMENT
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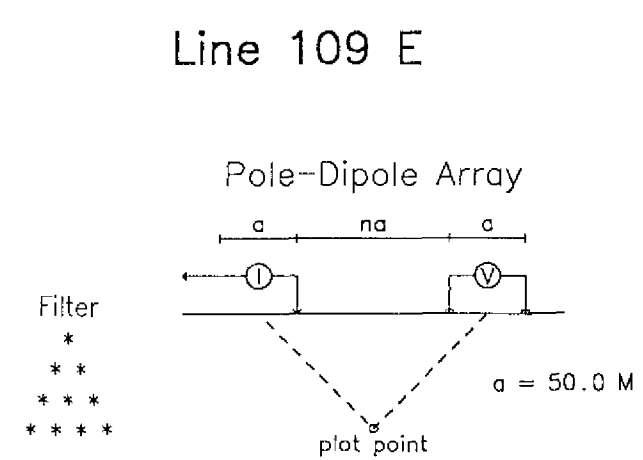
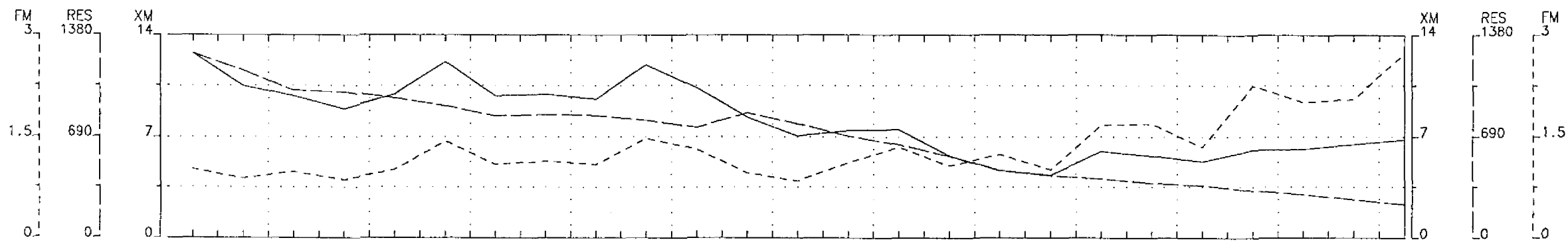
Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...
2.1.09.20
INTERPRETATION

- 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.



MAPLE MINERALS INC.
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY
Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOITATION LTD.

SHERATON 360
42A07NW2012 2.18926



METAL FACTOR

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	1	0.89	0.99	0.87	1	1.5	1.1	1.1	1.1	1.5	1.3	0.97	0.85	1.1	1.4	1.1	1.3	1	1.7	1.7	1.4	2.3	2	2.1	2.8
n=1			1.5	0.71	0.86	1.6	-0.36	0.47	0.18	1.6	0.93	0.87	0.47	1.5	2.2	2.4	3.5	0.66	3	2.9	0.46	5.2	1.4	0.10	2.6
n=2			0.66	0.34	0.27	0.41	2.5	0.23	0.85	-0.19	1.6	0.60	0.60	0.65	2	1.5	-1.2	0.71	1.4	2.2	2.1	1.4	1.1	3.3	2
n=3			1.4	0.040	0.49	3	1.5	1.1	1.2	1.8	1.6	1.3	0.45	0.42	0.90	0.34	1.5	-0.30	2.5	1.1	1.8	0.090	1	2.7	3
n=4			0.78	0.27	0.83	1.9	0.96	0.72	0.10	1.9	1.3	1.1	0.47	1.7	0.74	2.4	0.23	1.6	2	1.3	1.2	1.1	1.9	1.5	3
n=5			1.2	0.80	0.72	1.2	0.80	0.46	0.050	1.5	2.2	1.6	0.63	1.1	1.3	0.99	0.79	0.56	0.83	0.54	1	1.1	0.22	2.2	3.9
n=6			1.3	0.79	2.4	0.79	1.3	1.5	0.59	2.3	5.6	3.1	0.93	1.1	1.8	1.3	0.63	0.96	1.1	0.84	1.5	0.91	0.55	3.2	3.7

METAL FACTOR

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

2 INTERPRETATION

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	1	0.89	0.99	0.87	1	1.5	1.1	1.1	1.1	1.5	1.3	0.97	0.85	1.1	1.4	1.1	1.3	1	1.7	1.7	1.4	2.3	2	2.1	2.8
n=1			1.5	0.71	0.86	1.6	-0.36	0.47	0.18	1.6	0.93	0.87	0.47	1.5	2.2	2.4	3.5	0.66	3	2.9	0.46	5.2	1.4	0.10	2.6
n=2			0.66	0.34	0.27	0.41	2.5	0.23	0.85	-0.19	1.6	0.60	0.60	0.65	2	1.5	-1.2	0.71	1.4	2.2	2.1	1.4	1.1	3.3	2
n=3			1.4	0.040	0.49	3	1.5	1.1	1.2	1.8	1.6	1.3	0.45	0.42	0.90	0.34	1.5	-0.30	2.5	1.1	1.8	0.090	1	2.7	3
n=4			0.78	0.27	0.83	1.9	0.96	0.72	0.10	1.9	1.3	1.1	0.47	1.7	0.74	2.4	0.23	1.6	2	1.3	1.2	1.1	1.9	1.5	3
n=5			1.2	0.80	0.72	1.2	0.80	0.46	0.050	1.5	2.2	1.6	0.63	1.1	1.3	0.99	0.79	0.56	0.83	0.54	1	1.1	0.22	2.2	3.9
n=6			1.3	0.79	2.4	0.79	1.3	1.5	0.59	2.3	5.6	3.1	0.93	1.1	1.8	1.3	0.63	0.96	1.1	0.84	1.5	0.91	0.55	3.2	3.7

RESISTIVITY

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	1255	1137	1001	990	950	896	830	839	833	801	754	850	778	696	636	557	458	422	401	370	354	318	293	256	224
n=1			542	511	499	481	439	594	566	527	385	534	326	265	220	252	193	227	225	167	159	117	124	111	121
n=2			706	791	761	697	651	590	760	737	611	614	869	416	419	391	304	299	302	291	255	250	204	199	174
n=3			972	936	884	849	831	738	692	897	797	779	757	887	596	622	440	369	333	400	370	305	324	242	254
n=4			1121	1242	1079	1116	1089	966	914	793	886	914	959	792	1212	834	673	512	433	388	462	419	380	398	311
n=5			1347	1469	1427	1278	1364	1290	1250	1026	823	960	1071	891	971	1423	833	795	670	497	478	533	506	452	504
n=6			1284	1320	1299	1334	1260	1126	1245	1143	821	869	931	855	999	1033	1222	759	711	617	501	415	555	524	469

RESISTIVITY

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	13	10	9.8	8.9	9.9	12	9.8	9.9	9.6	12	10	8.3	7.1	7.4	7.5	5.7	4.6	4.3	6	5.7	5.3	6.1	6.1	6.4	6.8
n=1			8.4	3.7	4.3	-7.9	-1.6	2.8	1	-8.3	3.6	4.7	1.5	4	4.9	6.1	6.8	1.5	6.8	4.9	0.73	6.1	1.7	0.11	3.2
n=2			4.6	2.7	2.1	2.9	1.4	6.6	-1.4	10	3.7	5.2	2.7	8.5	6.1	-3.5	2.1	4.3	6.3	5.4	3.4	2.2	6.5	3.4	
n=3			13	0.34	4.4	25	12	8.1	8.4	16	13	9.9	3.5	3.7	5.4	2.1	6.5	-1.1	8.4	4.4	6.7	0.26	3.3	6.4	7.7
n=4			8.7	3.4	8.9	21	10	7	0.88	15	11	9.8	4.5	14	9	20	1.5	8.1	8.6	4.9	5.5	4.8	7.1	5.8	9.3
n=5			17	12	10	15	11	6.2	0.66	15	18	16	6.8	10	13	14	6.6	4.5	5.6	2.7	5	5.8	1.1	10	20
n=6			17	10	31	11	16	17	7.3	26	46	27	8.6	9.6	18	13	7.7	7.3	7.6	5.2	-7.4	3.8	3.1	17	17

CHARGEABILITY

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	13	10	9.8	8.9	9.9	12	9.8	9.9	9.6	12	10	8.3	7.1	7.4	7.5	5.7	4.6	4.3	6	5.7	5.3	6.1	6.1	6.4	6.8
n=1			8.4	3.7	4.3	-7.9	-1.6	2.8	1	-8.3	3.6	4.7	1.5	4	4.9	6.1	6.8	1.5	6.8	4.9	0.73	6.1	1.7	0.11	3.2
n=2			4.6	2.7	2.1	2.9	1.4	6.6	-1.4	10	3.7	5.2	2.7	8.5	6.1	-3.5	2.1	4.3	6.3	5.4	3.4	2.2	6.5	3.4	
n=3			13	0.34	4.4	25	12	8.1	8.4	16	13	9.9	3.5	3.7	5.4	2.1	6.5	-1.1	8.4	4.4	6.7	0.26	3.3	6.4	7.7
n=4			8.7	3.4	8.9	21	10	7	0.88	15	11	9.8	4.5	14	9	20	1.5	8.1	8.6	4.9	5.5	4.8	7.1	5.8	9.3
n=5			17	12	10	15	11	6.2	0.66	15	18	16	6.8	10	13	14	6.6	4.5	5.6	2.7	5	5.8	1.1	10	20
n=6			17	10	31	11	16	17	7.3	26	46	27	8.6	9.6	18	13	7.7	7.3	7.6	5.2	-7.4	3.8	3.1	17	17

CHARGEABILITY

Filter	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S												
Filter	13	10	9.8	8.9	9.9	12	9.8	9.9	9.6	12	10	8.3	7.1	7.4	7.5	5.7	4.6	4.3	6	5.7	5.3	6.1	6.1	6.4	6.8
n=1			8.4	3.7	4.3	-7.9	-1.6	2.8	1	-8.3	3.6	4.7	1.5	4	4.9	6.1	6.8	1.5	6.8	4.9	0.73	6.1	1.7	0.11	3.2
n=2			4.6	2.7	2.1	2.9	1.4	6.6	-1.4	10	3.7	5.2	2.7	8.5	6.1	-3.5	2.1	4.3	6.3	5.4	3.4	2.2	6.5	3.4	
n=3			13	0.34	4.4	25	12	8.1	8.4	16	13	9.9	3.5	3.7	5.4	2.1	6.5	-1.1	8.4	4.4	6.7	0.26	3.3	6.4	7.7
n=4			8.7	3.4	8.9	21	10	7	0.88	15	11	9.8	4.5	14	9	20	1.5	8.1	8.6	4.9	5.5	4.8	7.1	5.8	9.3
n=5			17	12	10	15	11	6.2	0.66	15	18	16	6.8	10	13	14	6.6	4.5	5.6	2.7	5	5.8	1.1	10	20
n=6			17	10	31	11	16	17	7.3	26	46	27	8.6	9.6	18	13	7.7	7.3	7.6	5.2	-7.4	3.8	3.1	17	17

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OCT 23 1998
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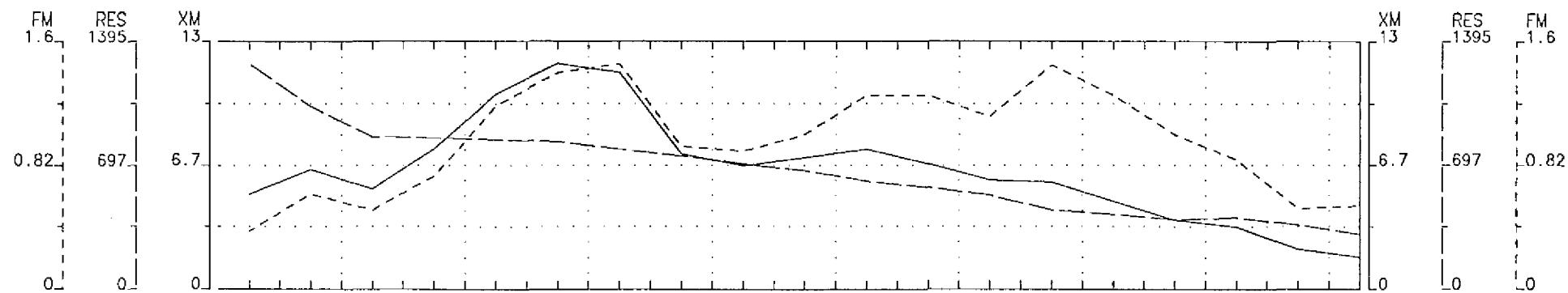
Scale 1:5000

MAPLE MINERALS INC.
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY

Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE

DAN PATRIE EXPLOITATION LTD.

SHERATON 370
42A07NW2012
2.18926



42A07NW2012 2.18926 SHERATON 380

METAL FACTOR

	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S										
Filter	0.38	0.63	0.52	0.75	1.2	1.4	1.5	0.95	0.92	1	1.3	1.3	1.1	1.5	1.3	1	0.86	0.53	0.55	Filter
n=1			0.15	-0.060	0.95	1.2	2.3	1.5	0.96	1.4	1.7	1.8	1.4	2.5	2	0.93	0.75	0.36	0.70	n=1
n=2			0.83	-0.31	1	1.1	1.8	-0.13	0.91	0.040	-0.43	2.5	1.2	1.8	1.3	1.1	0.44	0.36	-0.11	n=2
n=3			-0.030	-1.1	-0.43	0.50	1.9	0.60	-0.46	0.77	2.7	0.95	0.63	1.9	0.42	1.8	2	-0.21	0.38	n=3
n=4			0.39	0.83	1.1	1.2	3.2	1	0.61	0.88	0.79	0.44	1.4	2.3	0	1.3	2	2	0.40	n=4
n=5			0.19	0.66	-0.17	1.6	2.2	2.7	0.41	1.2	2	0.030	1.3	1.6	0.62	0.26	0.71	1.8	0.33	n=5
n=6			0.46	0.52	0.33	0.83	-4.8	1.9	1.2	1	1.6	1.8	1.2	1.6	0.95	0.24	0.89	0.46	2.5	n=6

METAL FACTOR

RESISTIVITY

Ohm-m

	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S										
Filter	1268	1031	860	854	844	833	788	750	705	666	605	570	524	441	415	386	397	356	305	Filter
n=1			355	465	444	442	431	413	414	390	329	305	275	195	285	233	259	154	129	n=1
n=2			439	589	579	808	641	682	574	559	501	373	457	345	288	300	329	392	276	n=2
n=3			857	678	897	802	868	811	724	607	595	531	503	505	406	288	350	424	518	n=3
n=4			991	1185	760	939	795	969	798	788	671	716	665	550	569	413	314	432	525	n=4
n=5			1514	1365	1275	1028	1032	1132	1084	885	909	778	887	777	667	628	496	392	516	n=5
n=6			1390	1689	1367	1542	938	1079	964	1095	957	884	893	943	871	640	648	553	445	n=6

RESISTIVITY

Ohm-m

CHARGEABILITY

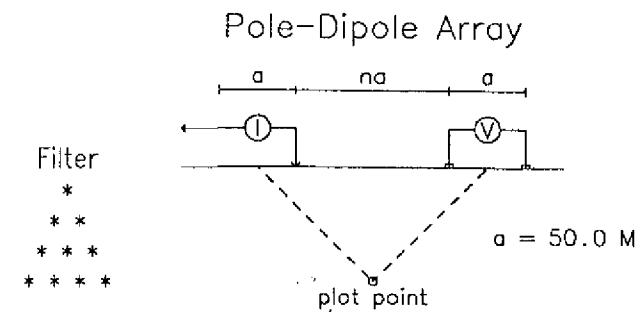
mV/V

	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S										
Filter	5.1	6.5	5.4	7.6	11	12	12	7.3	6.7	7.1	7.6	8.8	5.9	5.8	4.7	3.7	3.3	2.1	1.7	Filter
n=1			0.53	-0.29	4.2	5.3	9.8	6	4	-5.4	5.6	5.5	3.7	4.9	5.8	2.2	2	0.56	0.90	n=1
n=2			3.7	-1.8	6	9.1	12	-0.89	5.2	0.21	-2.2	9.1	5.6	6.3	3.7	3.3	1.4	1.4	-0.30	n=2
n=3			-0.25	-7.4	-3	4	4.9	-3.3	4.7	16	5	-3.2	9.5	1.7	5.3	7	-0.89	2	n=3	
n=4			3.9	9.9	8.4	11	25	10	4.9	6.9	5.3	3.2	9.6	12	-0.0100	5.2	6.2	8.7	2.1	n=4
n=5			2.8	9	-2.2	16	23	30	4.4	10	19	0.25	12	13	4.1	1.6	3.5	7.2	1.7	n=5
n=6			6.4	-8.7	4.5	13	45	21	11	11	16	16	10	15	8.3	1.5	5.7	2.5	11	n=6

CHARGEABILITY

mV/V

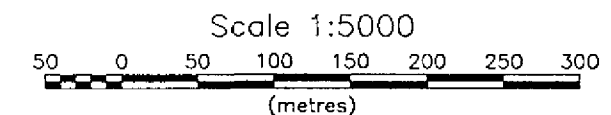
Line 110 E



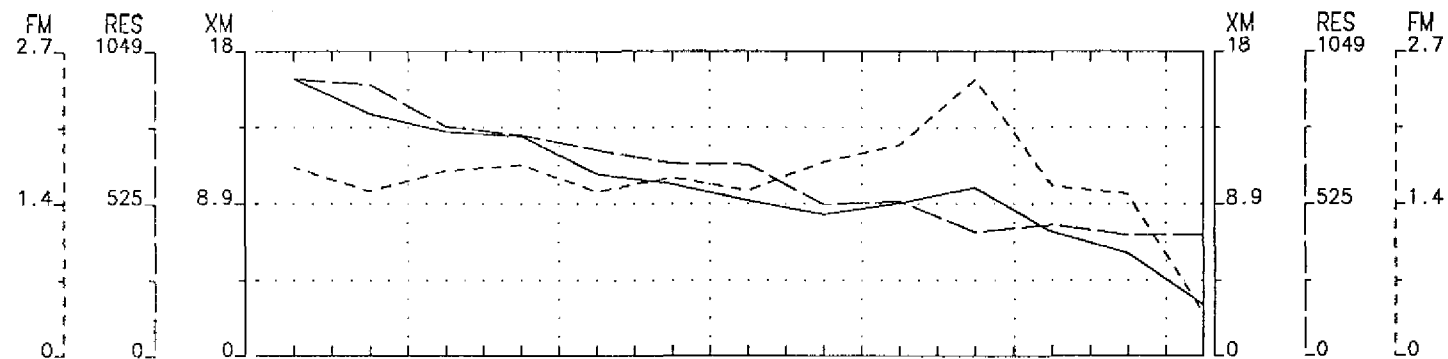
2.18926
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 OCT 23 1998
 Logarithmic
 Contour
 GEOSCIENCE ASSESSMENT
 OFFICE, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

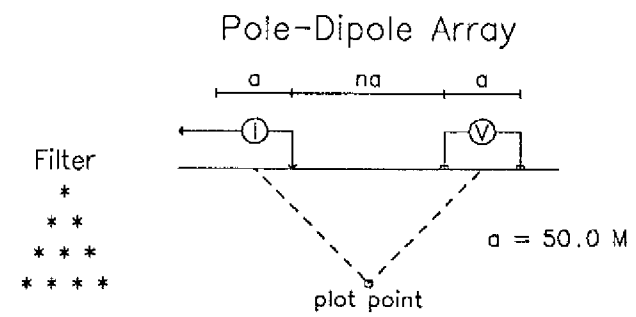
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



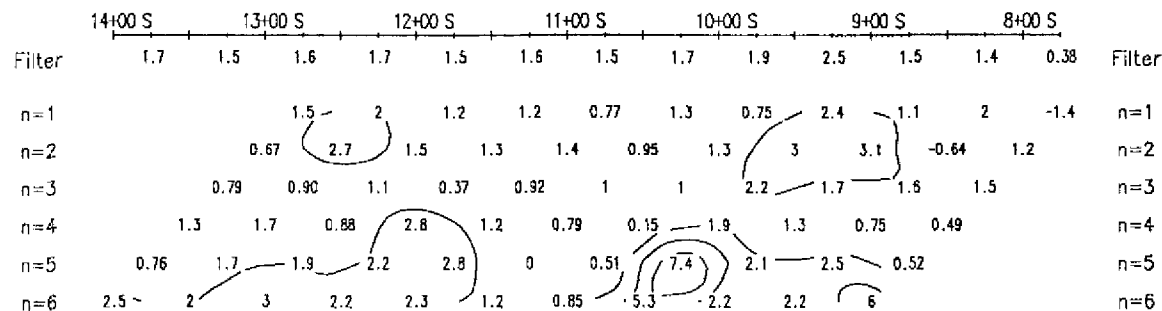
MAPLE MINERALS INC.
 INDUCED POLARIZATION SURVEY
 POLE-DIPOLE SURVEY
 THOMAS/SHERATON PROPERTY
 Date: 98/06/08
 Interpretation: B. PATRIE AND D. PATRIE
DAN PATRIE EXPLOATION LTD.



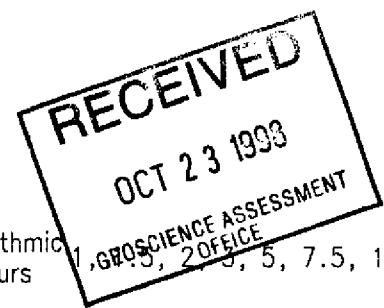
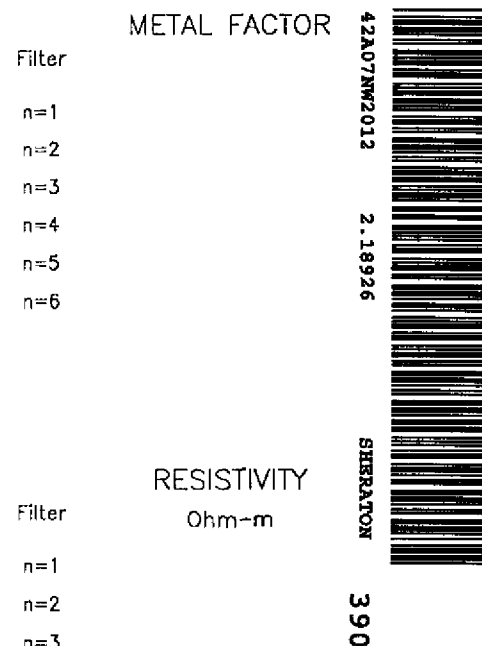
Line 111 E



METAL FACTOR



METAL FACTOR



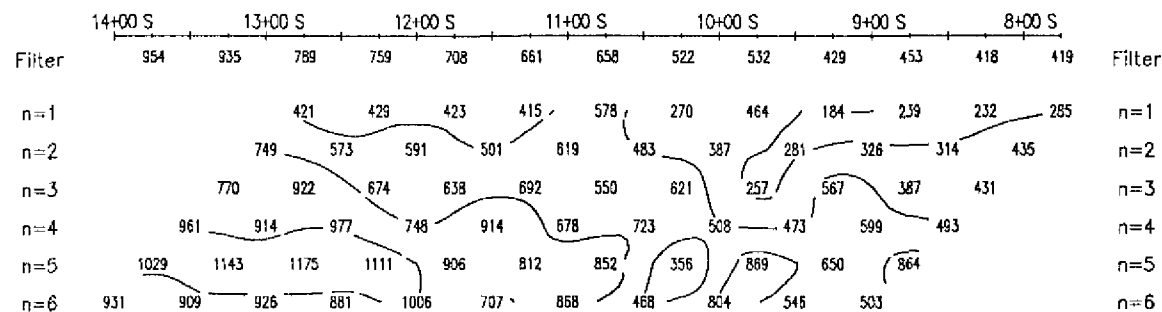
Logarithmic Contours
1, 2, 3, 5, 7.5, 10, ...

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.

RESISTIVITY

Ohm-m

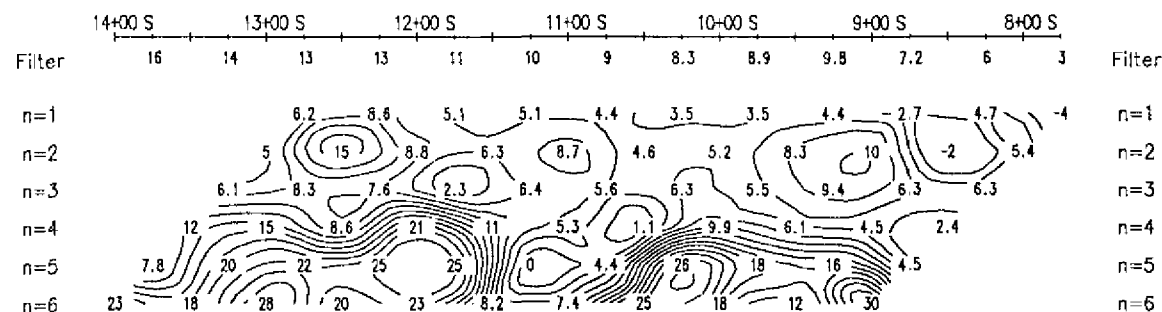


RESISTIVITY

Ohm-m

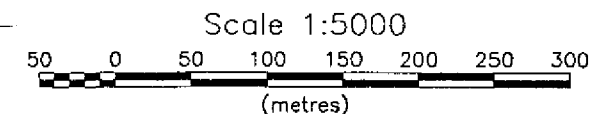
CHARGEABILITY

mV/V



CHARGEABILITY

mV/V

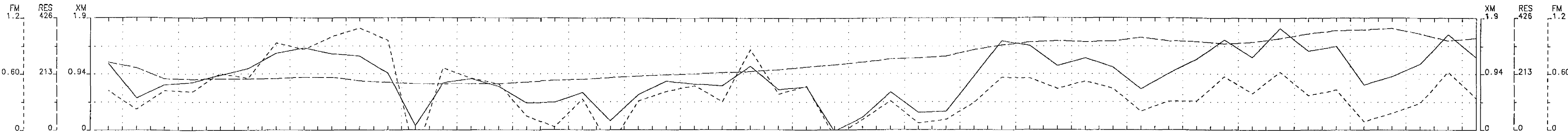


MAPLE MINERALS INC.

INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON PROPERTY

Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE

DAN PATRIE EXPLOATION LTD.



42A07NW2012 2.18926 SHERATON 400

MATAL FACTOR

	24+00 S	23+00 S	22+00 S	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																									
Filter	0.42	0.22	0.42	0.41	0.60	0.55	0.93	0.86	1.00	1.1	0.96	-0.23	0.66	0.55	0.49	0.15	0.030	0.33	-0.18	0.31	0.41	0.47	0.30	0.86	0.38	0.47	-0.070	0.11	0.31	0.070	0.11	0.29	0.56	0.55	0.44	0.52	0.44	0.20	0.31	0.31	0.57	0.39	0.62	0.37	0.43	0.090	0.18	0.29	0.62	0.34
n=1		0.42	0.65	2.1	0.86	2.8	1.6	3.2	2.6	2.9	-3.3	1.4	0.17	0.76	-0.81	-1.6	0.47	-1.7	0.85	0.47	1.2	-0.97	2.6	0.58	1.4	-0.66	0.030	0.30	-0.15	0.21	0.17	0.97	1.1	0.95	1	1.3	0.75	0.50	-0.70	1	0.35	1.3	0.13	0.56	-0.71	-0.070	-0.080	1.2	0.55	
n=2		0.16	0.68	-0.59	0.48	1.1	1.1	1.3	0.79	3.3	-0.030	1	1.8	0.59	0.19	-0.26	0.65	-0.26	-0.38	-0.27	0.93	0.73	3.1	0.70	0.68	0.95	-0.46	1.8	0.49	-0.17	0.40	0.54	1.1	0.52	0.70	0.99	-0.45	-0.70	0.61	1.1	0	0.74	0.76	0.85	0.57	-0.35	0.23	1.1	-0.030	
n=3		0.74	0.42	1.4	0.23	-0.70	0.56	0.44	0.56	0.19	0.91	-0.070	1	0	1.5	0.91	1.1	0.060	-0.0100	0.53	1	0.13	-1.6	1.5	0.20	-0.090	-0.34	-0.21	0.45	-0.16	-0.45	0.57	0.91	0.19	0.71	0.83	0.59	-0.45	0.52	0.90	-0.17	1.3	0.36	0.51	0.59	0.45	0.17	0.71	0.22	
n=4		0.16	0.84	-1.1	0.78	-0.22	0.70	0.59	0.47	1.2	-0.080	0.38	0.39	0.20	0.78	-0.33	0.44	-0.040	0.020	0.32	0.40	0.38	0.57	-0.70	1	0.52	-0.35	0.63	0.53	-0.38	-0.16	0.30	0.71	0.35	0.090	0.27	0.33	0.39	0.49	0.59	0.95	0.53	0.26	0.49	0.30	0.80	0.14	0.33	0.50	
n=5		-0.49	-0.050	0.64	-0.21	0.69	0.58	0.92	0.75	-0.18	0.22	-0.050	1.5	-0.36	-0.62	1.1	1.5	0.52	-0.10	0.020	0.71	-0.030	0.73	0.31	0.33	0.18	-0.65	1.4	0.25	-0.35	0.070	0.42	0.68	0.32	0.22	0.25	0.22	-0.10	0.33	0.27	0.14	0.57	0.0100	0.26	0.39	0.24	0.20	0.030	0.23	
n=6		0.82	0.34	1.5	-0.060	-0.040	0.85	1.8	0.020	1.3	-0.20	0.040	-0.030	1.2	-1.4	0.78	0.030	0.59	0.16	-0.14	0.77	0.040	0.57	0.31	0.44	0.32	-0.29	-0.67	0.20	-0.33	-0.76	0.60	0.50	0.59	-0.54	0.20	0.17	-0.21	0.24	0.36	0.34	0.25	0.41	0.43	0.24	0.18	0.21	0.12	0.33	

MATAL FACTOR

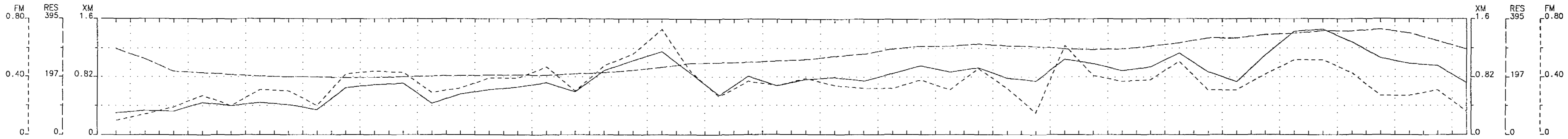
	24+00 S	23+00 S	22+00 S	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																									
Filter	0.42	0.22	0.42	0.41	0.60	0.55	0.93	0.86	1.00	1.1	0.96	-0.23	0.66	0.55	0.49	0.15	0.030	0.33	-0.18	0.31	0.41	0.47	0.30	0.86	0.38	0.47	-0.070	0.11	0.31	0.070	0.11	0.29	0.56	0.55	0.44	0.52	0.44	0.20	0.31	0.31	0.57	0.39	0.62	0.37	0.43	0.090	0.18	0.29	0.62	0.34
n=1		0.42	0.65	2.1	0.86	2.8	1.6	3.2	2.6	2.9	-3.3	1.4	0.17	0.76	-0.81	-1.6	0.47	-1.7	0.85	0.47	1.2	-0.97	2.6	0.58	1.4	-0.66	0.030	0.30	-0.15	0.21	0.17	0.97	1.1	0.95	1	1.3	0.75	0.50	-0.70	1	0.35	1.3	0.13	0.56	-0.71	-0.070	-0.080	1.2	0.55	
n=2		0.16	0.68	-0.59	0.48	1.1	1.1	1.3	0.79	3.3	-0.030	1	1.8	0.59	0.19	-0.26	0.65	-0.26	-0.38	-0.27	0.93	0.73	3.1	0.70	0.68	0.95	-0.46	1.8	0.49	-0.17	0.40	0.54	1.1	0.52	0.70	0.99	-0.45	-0.70	0.61	1.1	0	0.74	0.76	0.85	0.57	-0.35	0.23	1.1	-0.030	
n=3		0.74	0.42	1.4	0.23	-0.70	0.56	0.44	0.56	0.19	0.91	-0.070	1	0	1.5	0.91	1.1	0.060	-0.0100	0.53	1	0.13	-1.6	1.5	0.20	-0.090	-0.34	-0.21	0.45	-0.16	-0.45	0.57	0.91	0.19	0.71	0.83	0.59	-0.45	0.52	0.90	-0.17	1.3	0.36	0.51	0.59	0.45	0.17	0.71	0.22	
n=4		0.16	0.84	-1.1	0.78	-0.22	0.70	0.59	0.47	1.2	-0.080	0.38	0.39	0.20	0.78	-0.33	0.44	-0.040	0.020	0.32	0.40	0.38	0.57	-0.70	1	0.52	-0.35	0.63	0.53	-0.38	-0.16	0.30	0.71	0.35	0.090	0.27	0.33	0.39	0.49	0.59	0.95	0.53	0.26	0.49	0.30	0.80	0.14	0.33	0.50	
n=5		-0.49	-0.050	0.64	-0.21	0.69	0.58	0.92	0.75	-0.18	0.22	-0.050	1.5	-0.36	-0.62	1.1	1.5	0.52	-0.10	0.020	0.71	-0.030	0.73	0.31	0.33	0.18	-0.65	1.4	0.25	-0.35	0.070	0.42	0.68	0.32	0.22	0.25	0.22	-0.10	0.33	0.27	0.14	0.57	0.0100	0.26	0.39	0.24	0.20	0.030	0.23	
n=6		0.82	0.34	1.5	-0.060	-0.040	0.85	1.8	0.020	1.3	-0.20	0.040	-0.030	1.2	-1.4	0.78	0.030	0.59	0.16	-0.14	0.77	0.040	0.57	0.31	0.44	0.32	-0.29	-0.67	0.20	-0.33	-0.76	0.60	0.50	0.59	-0.54	0.20	0.17	-0.21	0.24	0.36	0.34	0.25	0.41	0.43	0.24	0.18	0.21	0.12	0.33	

RESISTIVITY

	24+00 S	23+00 S	22+00 S	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																									
Filter	258	235	194	192	193	193	194	198	198	185	179	174	174	175	174	181	187	191	187	203	209	212	217	221	228	240	248	258	289	273	280	305	323	334	339	336	337	352	339	337	329	334	349	367	379	381	387	366	340	350
n=1		68	69	73	73	69	63	59	51	58	57	60	65	59	62	66	68	69	71	73	69	74	75	79	85	85	86	98	102	108	131	128	123	114	114	113	123	115	131	130	130	138	145	154	137	157	149	158	284	
n=2		128	114	124	122	119	113	122	105	87	94	100	107	100	102	111	112	117	119	127	121	127	131	132	147	152	150	170	169	167	186	225	241	236	210	199	206	212	202	214	216	223	252	263	239	271	270	262	247	
n=3		171	179	168	168	164	162	176	177	156	122	142	152	141	145	156	160	161	167	177	176	186	186	187	196	207	214	238	238	231	239	260	322	310	312	283	277	298	327	277	287	300	317	368	333	358	371	386	366	
n=4		210	222	240	210	208	206	230	231	237	202	170	189	186	189	206	208	213	213	228	226	244	247	242	256	253	266	311	304	300	307	318	336	404	394	376	358	361	407	386	139	310	384	410	405	463	448	475	476	
n=5		281	255	283	280	247	248	275	284	291	289	289	227	229	234	253	259	250	266	274	275	296	307	304	314	311	308	363	373	361	376	389	391	403	484	480	489	463	482	492	769	488	443	475	458	572	556	573	589	
n=6		357	314	314	322	320	285	321	328	343	341	368	343	253	279	303	306	312	313	330	319	347	356	365	374	366	362	404	418	427	442	464	460	456	468	541	544	536	734	506	528	525	463	488	494	614	586	617	548	

RESISTIVITY

	24+00 S	23+00 S	22+00 S	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00																									
Filter	258	235	194	192	193	193	194	198	198	185	179	174	174	175	174	181	187	191	187	203	209	212	217	221	228	240	248	258	289	273	280	305	323	334	339	336	337	352	339	337	329	334	349	367	379	381	387	366	340	350
n=1		68	69	73	73	69	63	59	51	58	57	60	65	59	62	66	68	69	71	73	69	74	75	79	85	85	86	98	102	108	131	128	123	114	114	113	123	115	131	130	130	138	145	154	137	157	149	158	284	
n=2		128	114	124	122	119	113	122	105	87	94	100	107	100	102	111	112	117	119	127	121	127	131	132	147	152	150	170	169	167	186	225	241	236	210	199	206	212	202	214	216	223	252	263	239	271	270	262	247	
n=3		171	179	168	168	164	162	176	177	156	122	142	152	141	145	156	160	161	167	177	176	186	186	187	196	207	214	238	238	231	239	260	322	310	312	283	277	298	327	277	287	300	317	368	333					



MATAL FACTOR

Filter	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	Filter																								
n=1	0.10	0.14	0.19	0.27	0.20	0.31	0.30	0.20	0.42	0.44	0.43	0.29	0.32	0.39	0.39	0.47	0.30	0.48	0.56	0.73	0.44	0.26	0.37	0.34	0.39	0.34	0.32	0.32	0.38	0.31	0.46	0.32	0.15	0.62	0.41	0.37	0.38	0.51	0.31	0.31	0.42	0.52	0.52	0.43	0.27	0.27	0.31	0.16	n=1
n=2		0.29	0.51	0.060	0.59	0.97	0.29	0.93	0.54	0.55	0.60	0.40	0.62	0.60	1	0.15	1	0.98	1.9	0.89	0.49	0.56	0.63	0.87	0.44	0.56	0.56	0.58	0.35	1.9	0.85	-0.67	1.9	0.48	0.65	0.58	1.1	0.46	0.66	0.66	0.81	0.99	0.88	0.30	0.34	0.23	-0.23	n=2	
n=3		0.26	0.25	0.31	0.34	0.070	0.23	0.11	0.61	0.90	0.47	0.11	0.59	0.60	0.44	0.75	0.31	0.22	1.3	0.76	0.17	0.33	0.44	0.27	0.42	0.47	0.26	0.32	0.82	-0.43	-0.11	0.21	0.55	0.80	0.80	0.35	1.1	0.80	0.33	0.53	1.1	0.80	0.74	-0.13	0.18	0.23	0.79	n=3	
n=4		0.040	0.23	0.29	0.49	0.090	0.25	-0.020	0.39	0.55	0.36	0.34	0.37	0.73	0.40	0.43	0.55	0.28	0.65	0.64	0.15	0.24	0.29	0.41	0.41	0.45	0.21	0.15	0.67	0.45	0.64	0.040	0.33	0.77	0.27	0.35	0.23	-0.0100	0.29	-0.030	0.36	0.64	0.39	0.30	-0.090	0.080	0.060	n=4	
n=5		0.12	-0.030	0.090	0.37	0.16	-0.31	-0.29	0.24	0.25	0.32	0.040	0.43	0.030	0.31	0.070	0.0100	0.16	0.46	0.57	0.020	0.25	0.20	0.27	0.38	0.27	0.13	0.10	0.32	0.46	-0.060	0.39	0.090	0.34	0.35	0.15	0.30	0.49	0.17	0.20	0.17	-0.14	0.52	0.57	0.52	0.25	0.37	n=5	
n=6		-0.23	0.15	0.38	0.25	0.040	-0.14	0.65	0.14	2.5	0.050	0.88	-0.37	0.42	0.080	0.41	0.040	0.43	0.43	0.44	0.030	0.060	0.22	0.27	0.38	0.78	0.27	0.37	0.29	0.25	0.17	0.52	0.16	0.42	0.25	0.090	0.030	0.27	0.18	0.22	0.39	0.20	0.16	0.45	0.72	0.31	0.43	n=6	
n=6	0.12	0	-0.29	0.90	0.060	-0.050	0.54	0.13	-0.22	-0.78	-0.21	0.13	0.87	0.14	0.23	-0.0100	0.32	0.20	0.88	-0.45	2.1	0.11	-0.14	0.15	-0.36	0.24	0.16	0.16	0.43	0.090	0.33	0.030	0.10	0.30	0.39	0.18	0.51	0.33	0.23	0.46	0.11	-0.090	0.26	0.46	0.47	0.20	n=6		

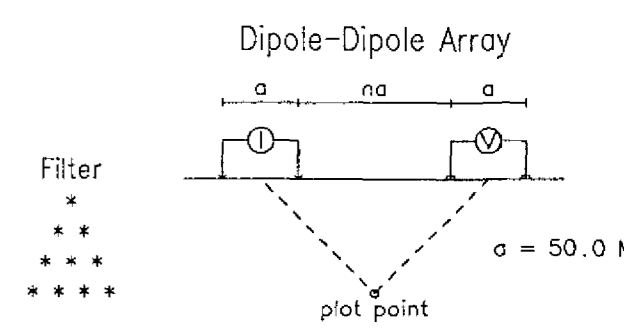
RESISTIVITY

Filter	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	Filter																								
n=1	294	259	216	211	205	199	196	196	194	194	196	200	201	202	203	202	207	212	220	230	244	246	248	253	257	269	277	294	303	303	310	304	302	293	291	293	302	313	330	329	341	345	354	353	359	346	320	292	n=1
n=2		78	77	72	73	72	73	70	69	69	68	65	74	78	74	78	80	82	82	85	76	77	87	93	106	106	122	104	88	101	91	75	70	89	97	107	105	113	35	121	122	140	135	150	126	112	135	n=2	
n=3		136	131	132	122	123	121	122	117	118	116	141	123	126	124	122	133	129	135	144	151	137	143	155	165	190	182	202	181	180	165	165	162	157	162	178	187	197	227	214	186	248	227	242	269	248	216	n=3	
n=4		188	185	184	182	169	171	167	172	167	165	171	178	175	173	173	175	186	182	201	211	221	207	210	222	235	267	253	276	279	246	247	249	260	234	242	250	280	312	309	335	319	290	317	319	328	372	n=4	
n=5		294	234	239	230	232	217	216	214	223	214	222	225	231	224	224	230	226	243	247	266	281	303	278	274	292	302	338	303	380	362	339	344	334	358	313	308	336	391	392	397	406	359	401	397	520	497	n=5	
n=6		293	344	257	285	281	286	263	254	263	272	273	280	279	282	275	283	282	279	312	311	336	364	384	345	345	357	362	371	415	466	461	423	450	422	439	378	351	441	467	485	513	441	455	464	496	590	n=6	
n=6	361	339	410	321	337	334	336	311	315	311	337	333	335	330	334	334	334	336	343	375	379	417	445	456	418	405	414	407	501	483	565	573	519	537	519	513	458	490	508	525	591	541	544	556	573	630	n=6		

CHARGEABILITY

Filter	21+00 S	20+00 S	19+00 S	18+00 S	17+00 S	16+00 S	15+00 S	14+00 S	13+00 S	12+00 S	11+00 S	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	Filter																								
n=1	0.31	0.34	0.33	0.45	0.41	0.45	0.42	0.35	0.66	0.70	0.72	0.44	0.57	0.63	0.67	0.73	0.60	0.91	1	1.2	0.87	0.55	0.83	0.69	0.78	0.81	0.76	0.87	0.98	0.69	0.95	0.80	0.76	1.1	1	0.91	0.98	1.2	0.89	0.75	1.1	1.5	1.5	1.3	1.1	1	0.98	0.73	n=1
n=2		0.23	0.39	0.040	0.72	0.70	0.21	0.65	0.44	0.38	0.41	0.26	0.46	0.47	0.77	0.12	0.81	0.80	1.5	0.76	0.37	0.43	0.55	0.81	0.47	0.59	0.68	0.60	0.31	1.9	0.77	-0.50	1.3	0.43	0.63	0.62	1.2	0.52	0.23	0.80	0.99	1.4	1.2	0.45	0.43	0.26	-0.31	n=2	
n=3		0.36	0.33	0.41	0.41	0.090	0.28	0.14	0.71	1.1	0.55	0.15	0.73	0.75	0.55	0.92	0.41	0.28	1.8	1.1	0.25	0.45	0.63	0.42	0.69	0.90	0.47	0.64	1.5	-0.78	-0.18	0.35	0.89	1.3	0.98	0.62	2.1	1.6	0.76	1.1	2.1	1.5	1.7	-0.43	0.49	0.58	1.7	n=3	
n=4		0.070	0.43	0.54	0.89	0.16	0.43	-0.030	0.67	0.92	0.59	0.58	0.66	1.3	0.70	0.74	0.97	0.53	1.2	1.3	0.31	0.54	0.60	0.86	0.92	1.1	0.57	0.38	1.9	1.3	1.6	0.11	0.81	2	0.63	0.88	0.57	-0.020	0.92	-0.080	1.2	2	1.1	0.94	-0.28	0.27	0.23	n=4	
n=5		0.36	-0.070	0.22	0.84	0.38	-0.67	-0.62	0.52	0.55	0.66	0.080	0.96	0.080	0.70	0.15	0.020	0.37	1.1	1.4	0.080	0.70	0.60	0.75	1	0.79	0.39	0.35	0.97	1.8	-0.22	1.3	0.31	1.1	1.2	0.46	0.91	1.6	0.67	0.80	0.69	-0.58	1.9	2.7	2.1	1.3	1.9	n=5	
n=6		-0.57	0.55	1.1	0.72	0.11	-0.40	1.7	0.38	6.7	0.13	2.4	-1	1.2	0.23	1.1	0.11	1.2	1.2	1.4	0.090	0.21	0.81	1	1.3	2.7	0.98	1.3	1.1	1	0.79	2.4	0.66	1.9	1.1	0.39	0.10	1.1	0.81	1	1.9	1	0.71	2	3.3	1.5	2.5	n=6	
n=6	0.43	-0.0100	-1.2	2.9	0.19	-0.18	1.8	0.41	-0.70	-2.4	-0.72	0.42	-2.9	0.45	0.76	-0.030	1.1	0.68	3	-1.7	8.1	0.46	-0.64	0.68	-1.5	0.97	0.67	0.64	2.2	0.42	1.3	0.20	0.54	1.6	2	0.93	2.3	1.6	1.2	-2.4	0.67	-0.47	1.4	2.6	2.7	1.2	n=6		

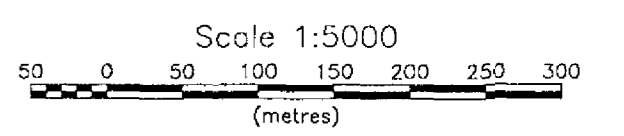
Line 7000 E



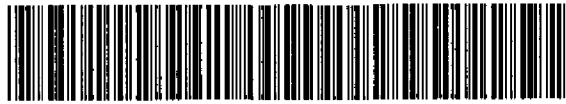
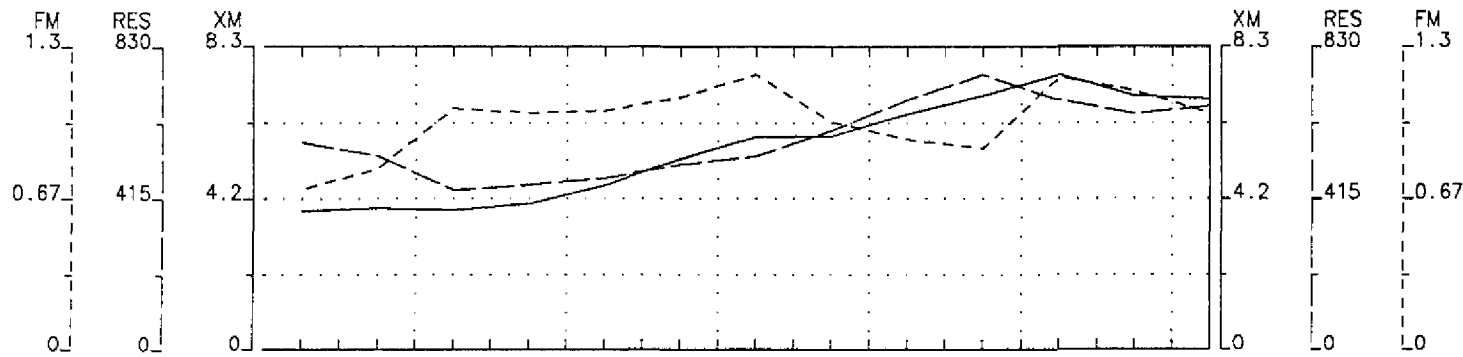
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 Logarithmic Contours 1, 1.5, 2, 5, 10, ...
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INTERPRETATION

- 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.



MAPLE MINERAL INC.
 INDUCED POLARIZATION SURVEY
 POLE-DIPOLE SURVEY
 THOMAS/SHERATON PROPERTY
 Date: 98/06/08
 Interpretation: B. PATRIE AND D. PATRIE
 DAN PATRIE EXPLORATION LTD.



42A07NW2012 2.18926 SHERATON 420

METAL FACTOR

	30+00 W	29+00 W	28+00 W	27+00 W	26+00 W	25+00 W	24+00 W
Filter	0.71	0.80	1.1	1	1.1	1.1	1
n=1		1.9	1.9	1.6	1.6	1.9	1.2
n=2		1.3	1.5	0.87	1.1	1.2	1.3
n=3		1.1	0.77	0.73	1.3	1.5	0.73
n=4		0.87	0.65	0.40	0.83	0.96	0.67
n=5		0.72	0.46	0.71	0.76	1.3	1.2
n=6	0.63	0.44	0.58	0.60	0.98	1	0.79

METAL FACTOR

Filter	1
n=1	1
n=2	1
n=3	1.4
n=4	1
n=5	0.97
n=6	0.79

RESISTIVITY

ohm-m

	30+00 W	29+00 W	28+00 W	27+00 W	26+00 W	25+00 W	24+00 W
Filter	587	531	438	451	489	505	529
n=1		138	150	170	214	224	282
n=2		288	249	268	326	345	286
n=3		388	422	350	411	458	453
n=4		477	497	566	526	543	545
n=5		555	568	589	715	520	596
n=6	591	762	687	851	741	651	785

RESISTIVITY

ohm-m

Filter	669
n=1	413
n=2	537
n=3	723
n=4	1036
n=5	1216
n=6	1283

CHARGEABILITY

mV/V

	30+00 W	29+00 W	28+00 W	27+00 W	26+00 W	25+00 W	24+00 W
Filter	3.8	3.9	3.8	4	4.5	5.2	5.9
n=1		2.7	2.8	2.8	3.5	4.2	3.3
n=2		3.8	3.7	2.3	3.7	4.1	3.8
n=3		4	3.3	2.5	5.3	6.7	3.3
n=4		4.2	3.3	2.3	4.3	5.2	3.7
n=5		4	2.6	4.2	5.4	8.1	7
n=6	3.7	3.3	4	5.1	7.3	6.7	6.3

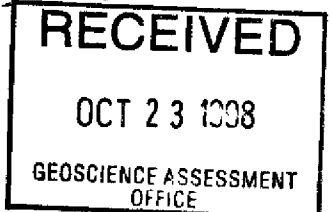
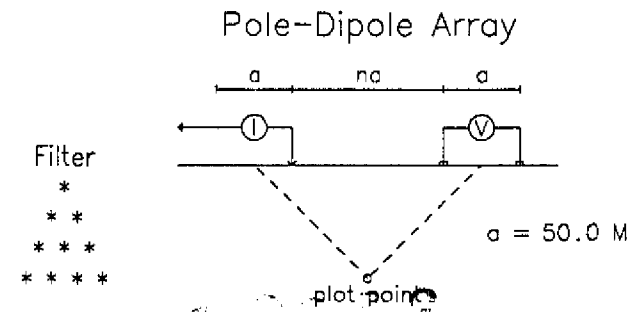
CHARGEABILITY

mV/V

Filter	6.9
n=1	4.2
n=2	5.4
n=3	10
n=4	11
n=5	12
n=6	10

Conc.
3 & 4

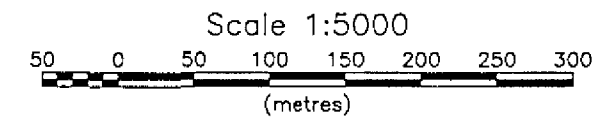
Line 34 S



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.

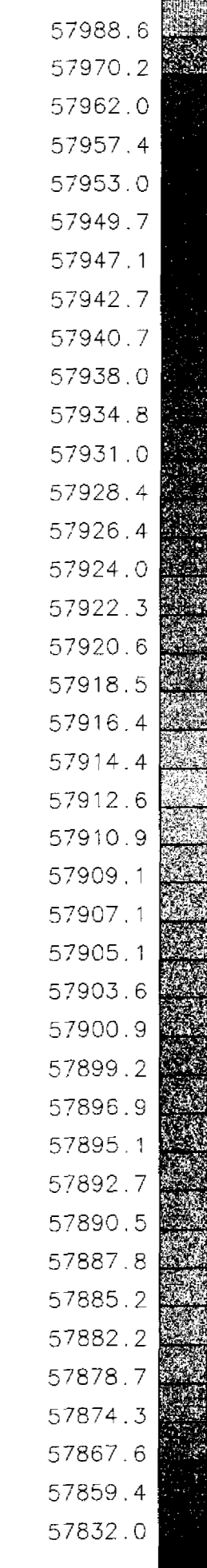
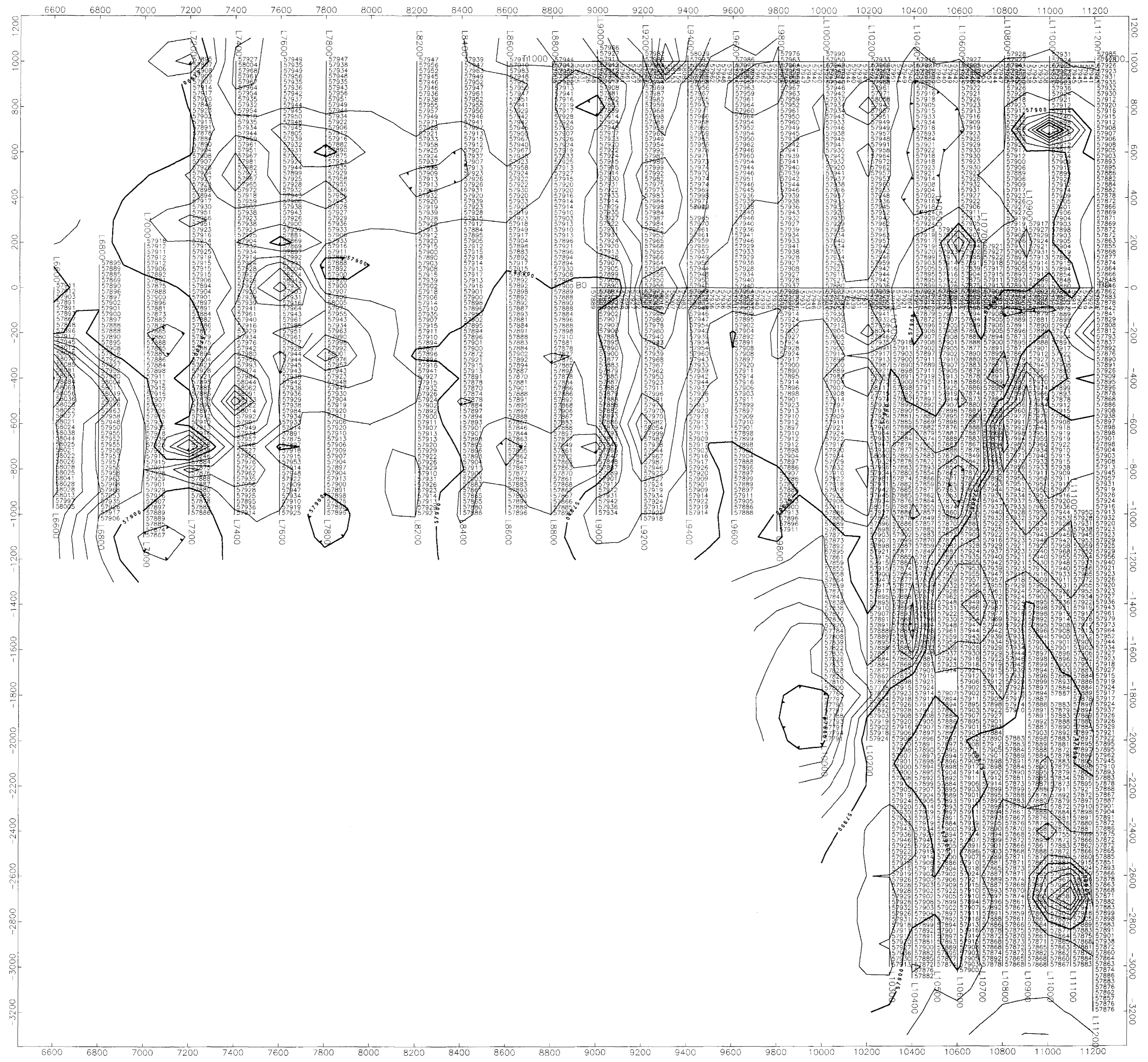


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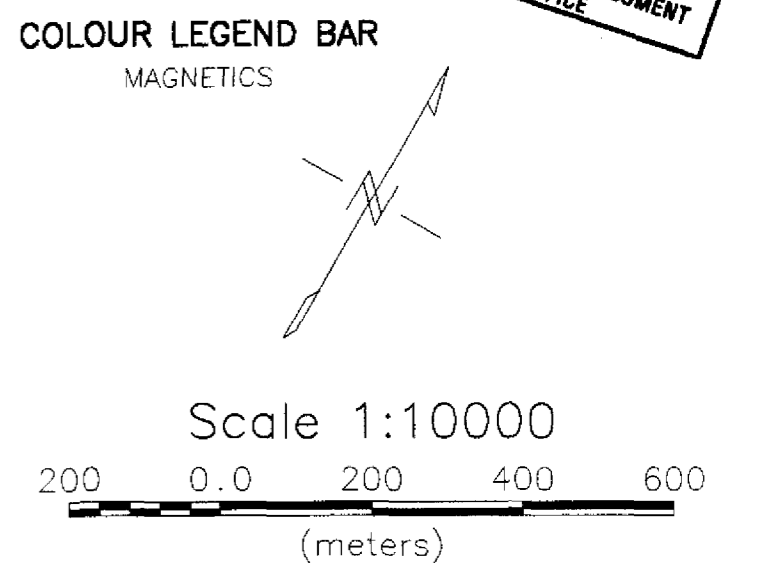
INDUCED POLARIZATION SURVEY
POLE-DIPOLE SURVEY
THOMAS/SHERATON TOWNSHIP

Date: 98/06/08
Interpretation: B. PATRIE AND D. PATRIE

DAN PATRIE EXPLORATION LTD.



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GOLDEN KNIGHT

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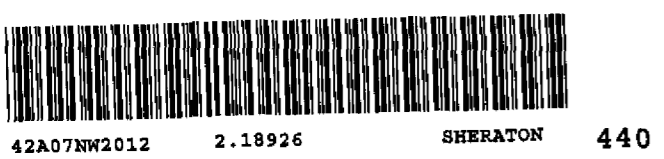
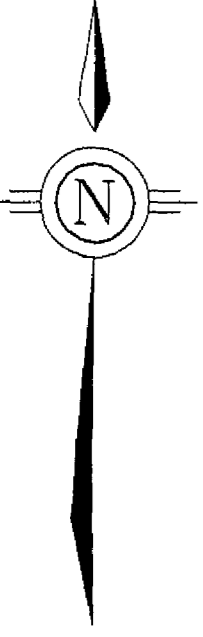
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BLACKSTOCK TWP TIMMINS TWP



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