GEOPHYSICS REPORT

ON THE

LOVELAND PROPERTY

FOR

LARRY GERVAIS

BY

Dan Patrie

2.30996

Dan Patrie
Nov. 20, 2005

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INTRODUCTION

Larry Gervais acquired a group claims in Loveland, Byers and Thorburn Townships in the Porcupine Mining Division.

Larry Gervais, requested Dan Patrie Exploration Ltd., to do a program consisting of an induced polarization survey and a Total field magnetic survey on part of his claims. The survey which began November 1st, 2005 to Nov 6th, 2005.

SUMMARY AND RECOMMENDATION

The results of the induced polarization was encouraging as the chargeability values were relatively high over a wide area with corresponding high magnetic signature on lines 600 south and 800 south centered at 5+00 east.

Adding lines to the north and south of the anomalies and continuing on with more induced polarization and total field magnetic surveys is recommended.

A program totaling 8.3 kilometers of 6 level @ 25 meter a spacing and 1.5 kilometers of 6 level @ 50 meter a spacing of an induced polarization survey and 10.7 kilometers of line cutting and total field magnetometer survey was done on the property. The induced polarization was a time domain pole dipole survey. The survey proved successfull in finding a large wide build up of high chargeability values well above background with corresponding low resistivity and high magnetic signature. Due to the lack of geological information an ongoing program of exploration over all of the existing claims should be performed to get a better understanding of the property.

In summary, it is considered that the potential of the property has considerable merit for more exploration work and to evaluate the potential of the property it is recommended that a program of sampling, mapping and more geophysics be completed over all of the property not already covered especially in areas in and around anomalies found.

CLAIM DESCRIPTION

The Loveland Property consists of 16 unpatented mining claims, located in Loveland, Byers and Thorburn Townships, Porcupine, Mining Division, claim number3006969, 3016392, 3016389, 3016395, 3007079, 3015369, 3005414, 3005416 3005415, 1249929, 1243976, 1249932, 3012023, 4202912, 3012022 and 3012024 inclusive.

LOCATION AND ACCESS

The Loveland property is located in NE Ontario, 20 kilometers NW of Timmins, Ontario. Access to the property is by driving north 20 kilometers up the Kamiskotia Hwy and then turning north west onto a logging for 14 kilometers and then again turning west for approximately 3 kilometers bringing you 1 kilometer from the grid lines which had to be accessed by walking.

RECOMMENDED EXPLORATION PROGRAM

The surveys should include as follows:

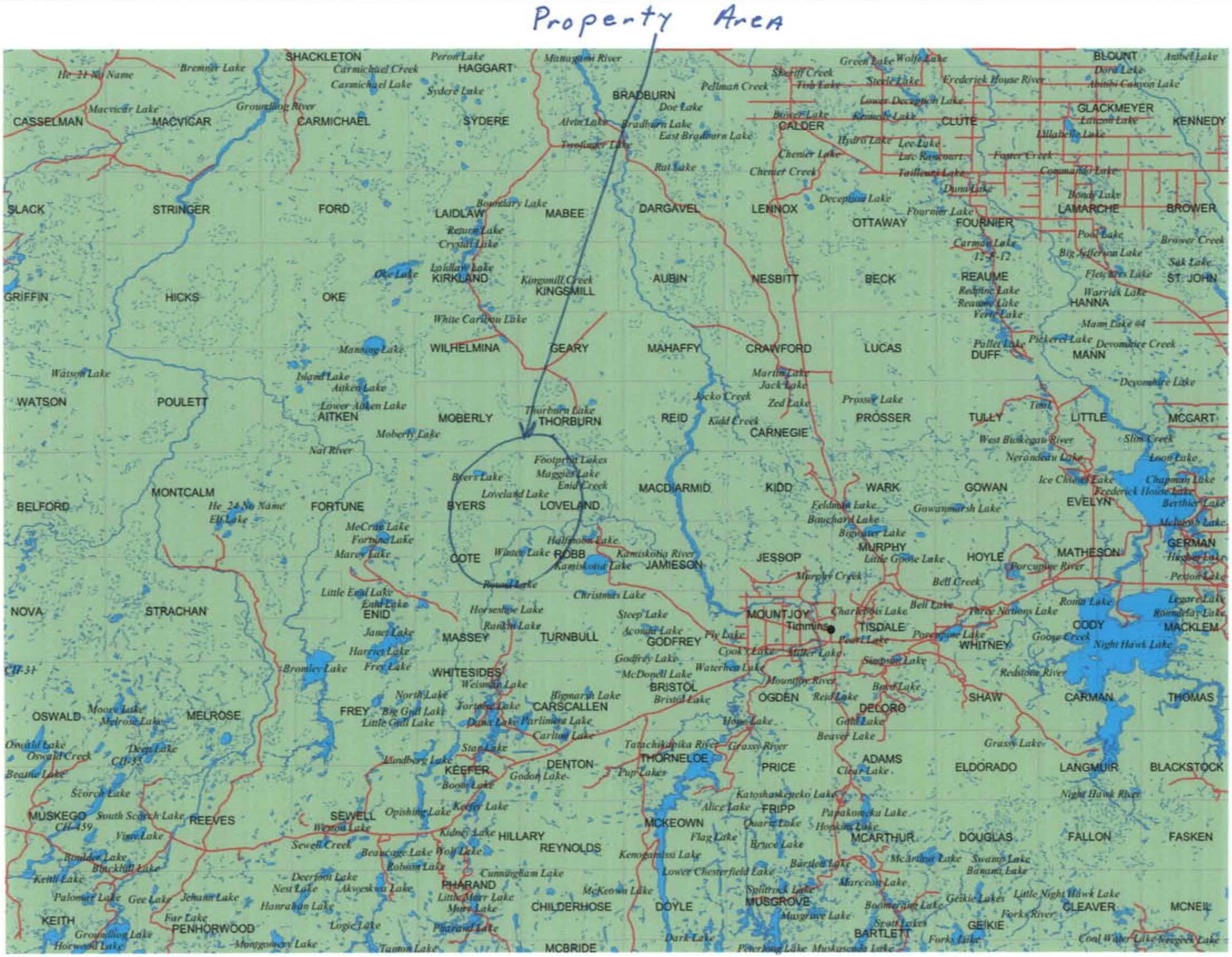
1. Completion of grid lines over entire property.
2. Total field magnetometer survey.
3. Induced polarization survey.
4. Diamond drilling anomalies found to establish sulphide content and geology.

Following completion of this work and contingent upon the results then additional work should be considered to further evaluate the economic potential for a gold discovery.

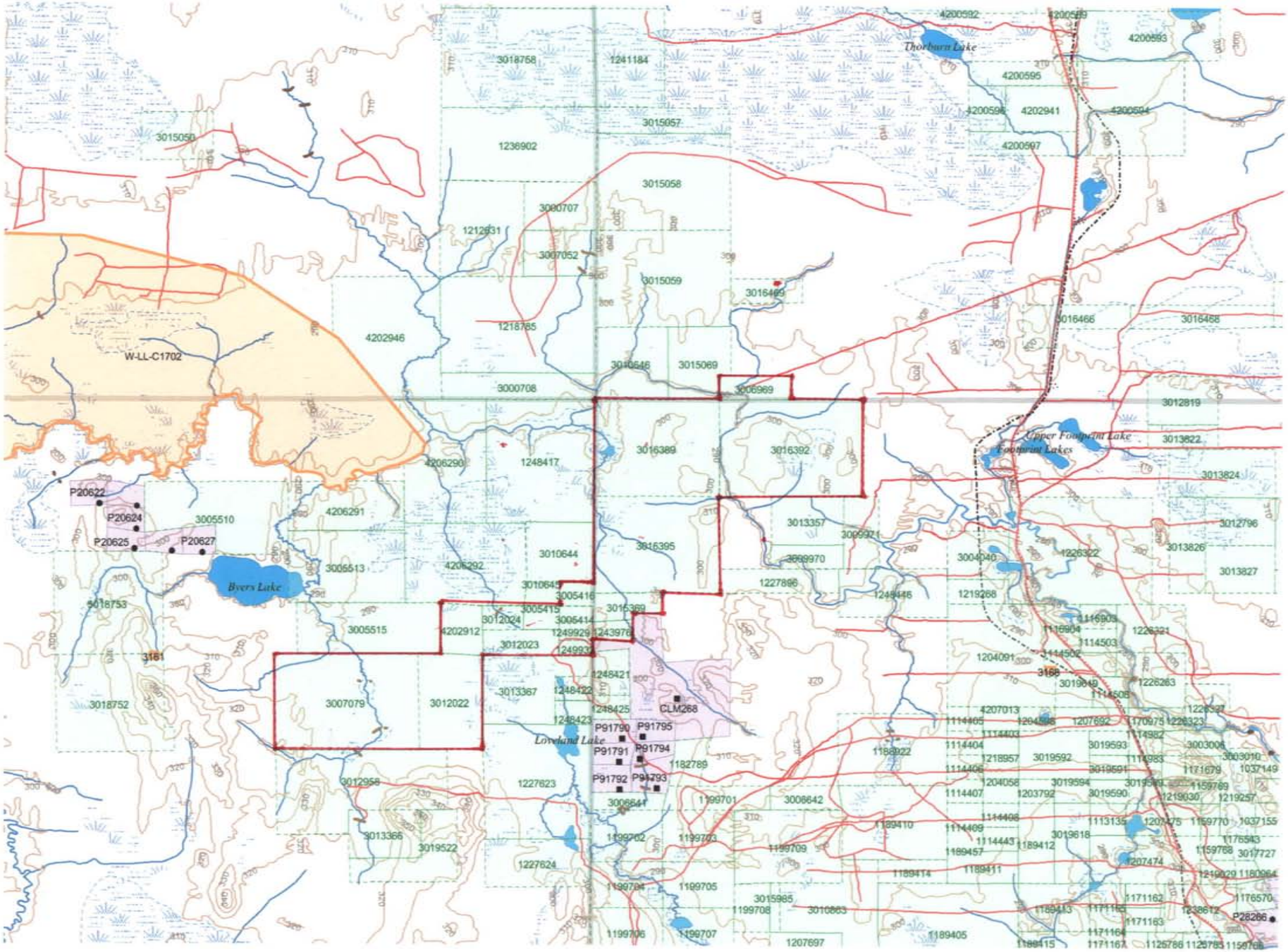
This report summarizes the results obtained from the work carried out during the current program and the interpretation is speculative.

Dan Patrie
Geology and Geophysics Technologist

Dan Patrie



NAD 83
5 degree grid



NAD 83
5 degree grid

INSTRUMENTATION AND WORK DONE

INDUCED POLARIZATION SURVEY

A total of 8.3 kilometers of an induced polarization survey was done with an "a" spacing of 25 meters and 6 levels 1 to 6 read, and also 1.5 kilometers of induced polarization with an 'a' spacing of 50 meters and also 6 levels read. The survey was a time domain pole dipole survey and was read with a Walcer MG-14 motor generator and a Huntec 12 kilowatt Model 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 into 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 with electrodes at every 50 meter station to be read and connected to the electrodes by length of wire from the receiver where the receiver operator picks up the readings with the receiver. 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.

MAGNETOMETER SURVEY

The magnetometer survey was carried out using an Envi Magnetometer made by Scintrex Ltd. The Envi Mag has the capability to measure the total field and using an Envi Magnetometer as a station for correcting magnetic diurnal drift. These are total field magnetometers which measure the magnetic field through the use of proton processional effects caused by the interaction of a magnetic field with a spin aligned, proton rich fluid.

An instrument accuracy precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. While in gradient mode which was not done at this time the unit has the accurate means of measuring both the total field and the gradient of the total field and measuring both sensors simultaneously to calculate the true gradient. In gradient mode the instrument sharply defines the magnetic responses determined by the total field. It individually

delineates closely spaced anomalies rather than collectively identifying them under one broad magnetic response. Also when doing a gradient survey time the instrument enables you to conduct a gradient survey during a magnetic storm because of the technique of simultaneously measuring the two sensors cancels out the effects of diurnal magnetic variations. 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 10.7 kilometers of magnetic readings were taken along the lines at 25 meter station intervals. The field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the reading taken at the same moment in the field units. The corrected data is then downloaded to a computer for plotting.

INTERPRETATION

The induced polarization and the total field magnetic survey proved successful in finding areas of high elevated chargeability with corresponding low resistivity and high magnetic anomalies 200 to 2000 nT above background which suggests mineral content.

There is wide zone of very high chargeability with corresponding low resistivity and high total field magnetometer signature from 3+00 east to 7+00 east on lines 6+00 south and 8+00 south which suggests massive to disseminated sulphides.

There is also a strong north south striking magnetic high on lines 0+00, 2+00 south, 6+00 south and 8+00 south centered at 12+00 west and 10+00 west well above background from 200 nT to 1200 Nt. Which could be interpreted as a dyke and should be investigated in more detail as this is where the survey lines were stopped because of high water.

The surveys proved very successful in finding areas of high chargeabilities and high magnetic signatures which could be interpreted to be areas of high concentrations of economical mineralization.

See contoured maps in back of report for a better interpretation of the geophysics surveys done.

CONCLUSIONS

With the presence of a favorable geological environment for the localization of gold and base metal mineralization of economic importance and with the very good results obtained by the surveys done, to further evaluate the property's potential the writer recommends an on going work program over the remaining claims and areas not already covered on the property, consisting of line cutting at 100 meter intervals, magnetometer and induced polarization surveys to locate areas of disseminated sulphide.

Respectfully submitted,

Daniel F. Patrie

Geology and Geophysics Technologist

Nov 20, 2005

PERSONNEL

Dan Patrie

Massey, Ontario

Mike Manitowabi

Massey, Ontario

Brent Patrie

Elliot Lake, Ontario

Jody Steinke

Spanish, Ontario

Dwayne Steinke

Sudbury, Ontario

Jeffrey Patrie

Chelmsford, Ontario

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 Loveland Property, 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)
Nov 20, 2005

Da Patrie

LETTER OF CONSENT

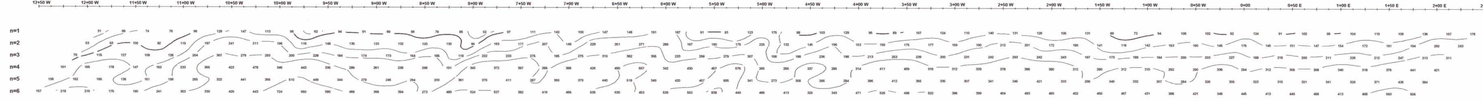
I, Daniel F. Patrie, of the Town of Massey, Ontario, do hereby consent to Larry Gervais, using in whole or in part my Geophysics report on the Loveland Property, situated the Pocupine, Mining Division in a prospectus of statement of material facts or for filing with government regulatory bodies as deemed necessary.

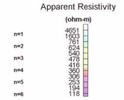
Dated at Massey, Ontario, this 20th day of Nov, 2005, in the District of Sudbury.

Daniel F. Patrie

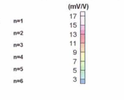
Geology and Geophysics Technologist

Apparent Resistivity
(ohm-m)

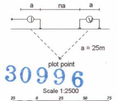




Apparent Chargeability
(mV/V)



Pole-Dipole Array



LARRY GERVAIS

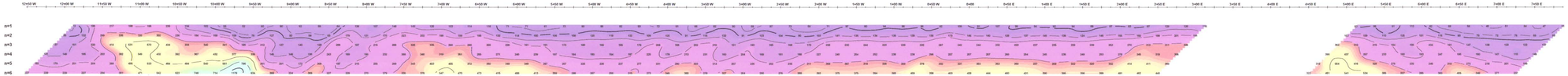
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 200S

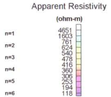
surveyed November 2005 by:
Dan Patrie Exploration Ltd.

processed November 2005 by: Geo-Digit-Ex

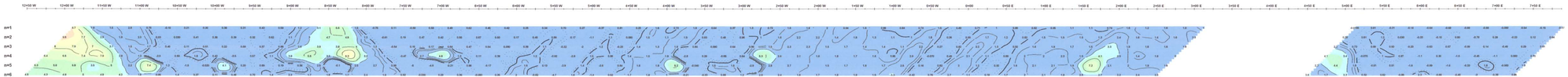
Apparent Resistivity
(ohm-m)



Apparent Resistivity
(ohm-m)



Apparent Chargeability
(mV/V)



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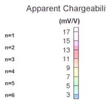
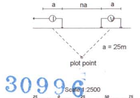
(mV/V)



Pole-Dipole Array



LARRY GERVAIS

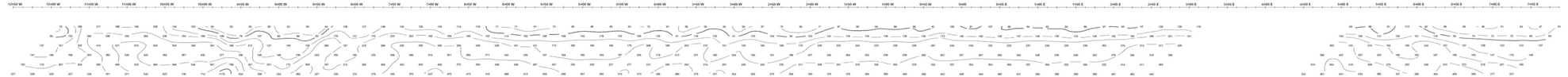
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 0N

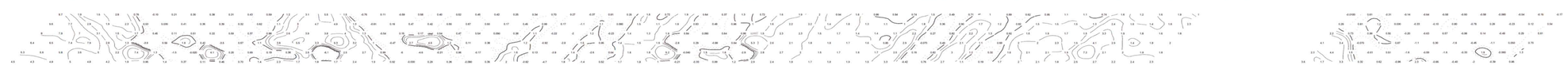
surveyed November 2005 by:
Dan Patrie Exploration Ltd.

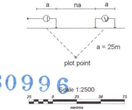
processed November 2005 by:
Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



Apparent Chargeability
(mV/V)





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LARRY GERVAIS

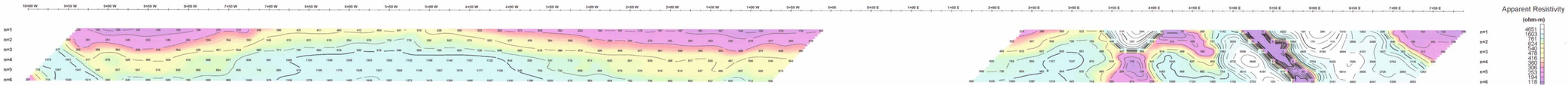
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 0N

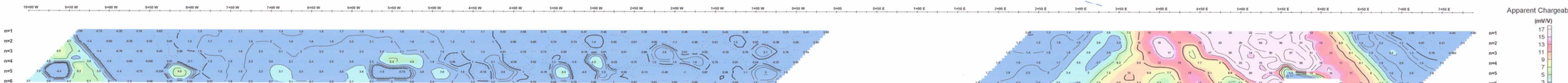
surveyed November 2005 By:
Dan Paine Exploration Ltd.

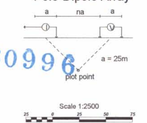
processed November 2005 by:
Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



Apparent Chargeability
(mV/V)





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LARRY GERVAIS

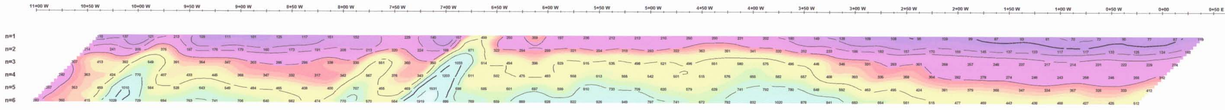
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

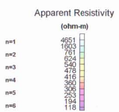
Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 800S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

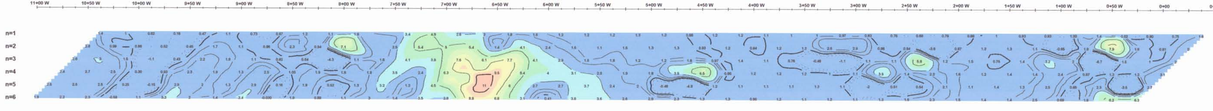
processed November 2005 by:
Geo-Digit-Ex

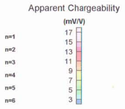
Apparent Resistivity
(ohm-m)





Apparent Chargeability
(mV/V)





Pole-Dipole Array

2.30996

Scale 1:2500

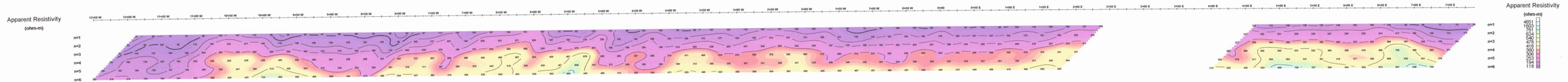
LARRY GERVAIS

LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 600S

surveyed November 2005 by:
Don Patrie Exploration Ltd.

processed November 2005 by:
Geo-Digit-Ex



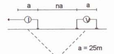
Apparent Resistivity
(ohm-m)

n=1	4951
n=2	1501
n=3	624
n=4	540
n=5	476
n=6	418
	366
	320
	283
	194
	118

Apparent Chargeability
(mV/V)

n=1	17
n=2	15
n=3	13
n=4	11
n=5	9
n=6	7
	5
	3

Pole-Dipole Array



2.30996

LARRY GERVAIS

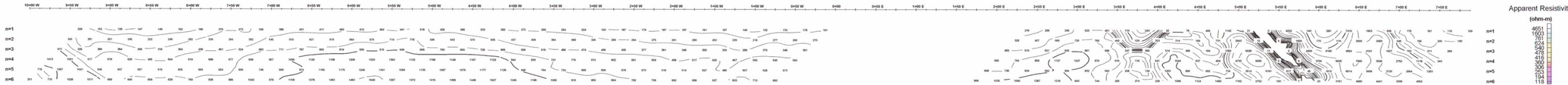
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 200S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

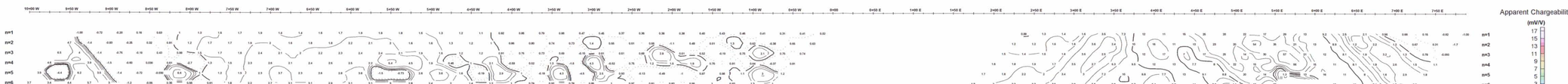
processed November 2005 by:
Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



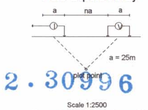
Apparent Resistivity
(ohm-m)

Apparent Chargeability
(mV/V)



Apparent Chargeability
(mV/V)

Pole-Dipole Array



LARRY GERVAIS

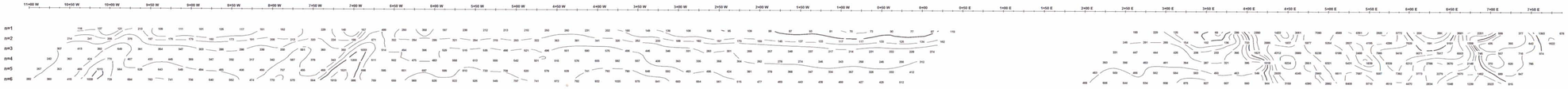
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 800S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

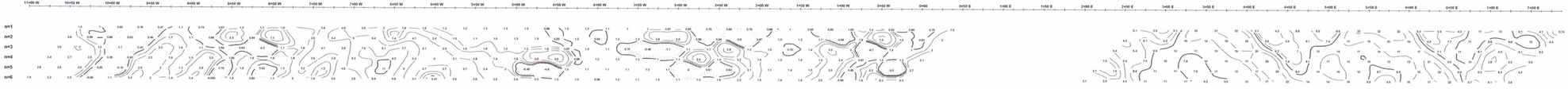
processed November 2005 by:
Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



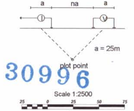
Apparent Resistivity
(ohm-m)

Apparent Chargeability
(mV/V)



Apparent Chargeability
(mV/V)

Pole-Dipole Array



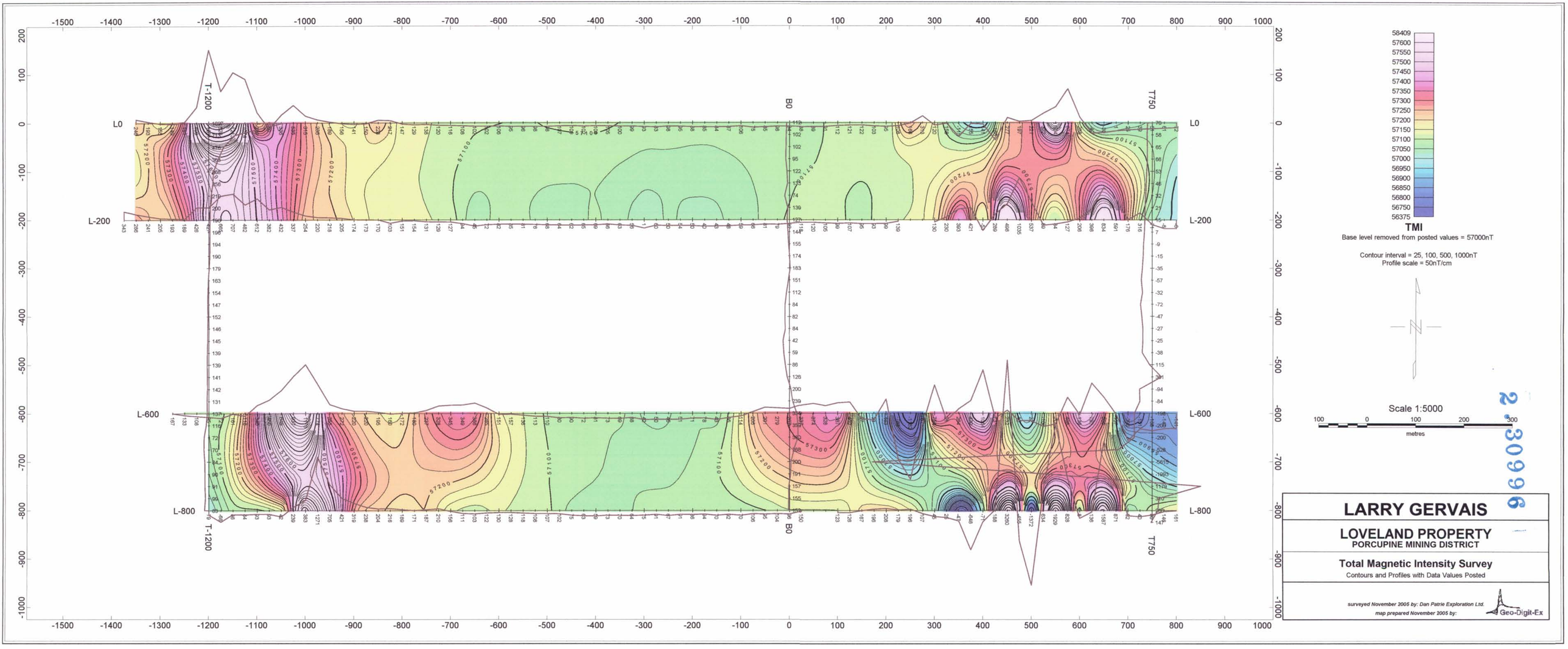
LARRY GERVAIS

LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 600S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

processed November 2005 by:
Geo-Digit-Ex



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LARRY GERVAIS

LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

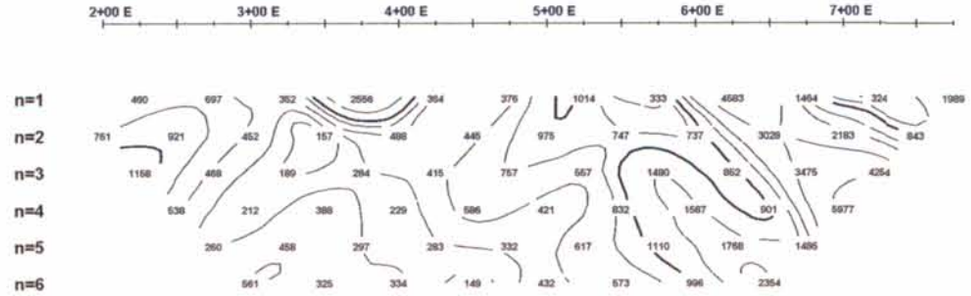
Total Magnetic Intensity Survey

Contours and Profiles with Data Values Posted

surveyed November 2005 by: Dan Patrie Exploration Ltd.

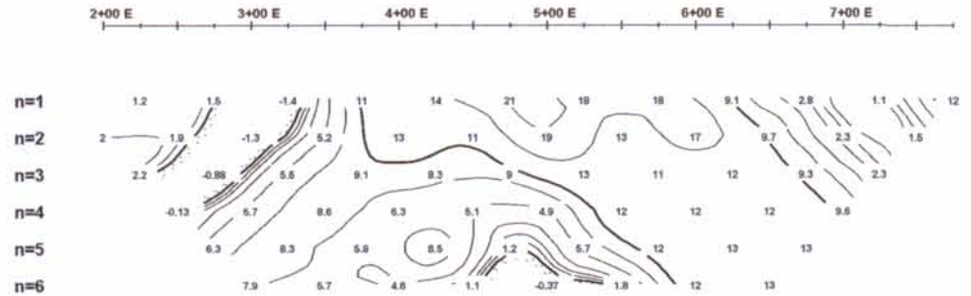
map prepared November 2005 by: Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



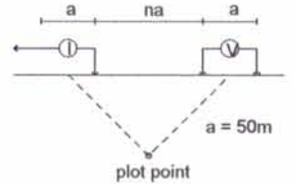
Apparent Resistivity
(ohm-m)
4651
1603
761
624
540
478
416
360
306
253
194
118

Apparent Chargeability
(mV/V)



Apparent Chargeability
(mV/V)
17
15
13
11
9
7
5
3

Pole-Dipole Array



2.30996

Scale 1:5000

LARRY GERVAIS

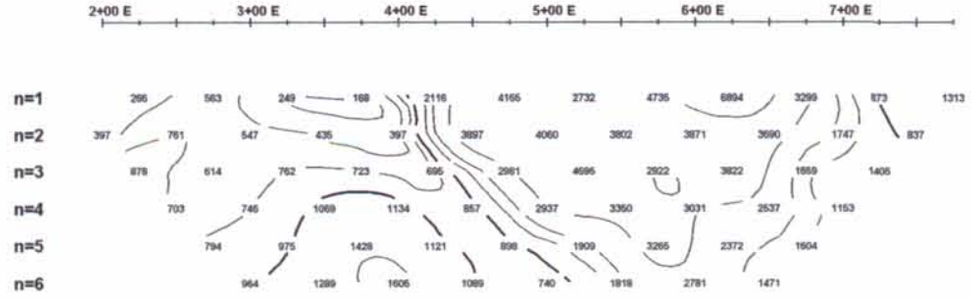
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 800S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

processed November 2005 by:
Geo-Digit-Ex

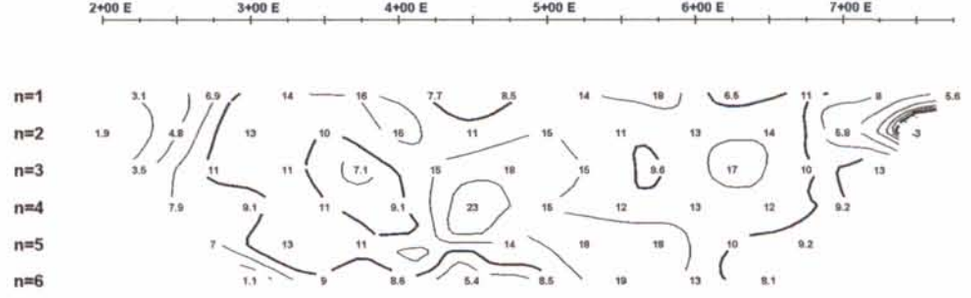
Apparent Resistivity
(ohm-m)



Apparent Resistivity
(ohm-m)

4651
1603
761
624
540
478
416
360
306
253
194
118

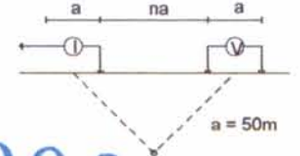
Apparent Chargeability
(mV/V)



Apparent Chargeability
(mV/V)

17
15
13
11
9
7
5
3

Pole-Dipole Array



2.30996

Scale 1:5000

LARRY GERVAIS

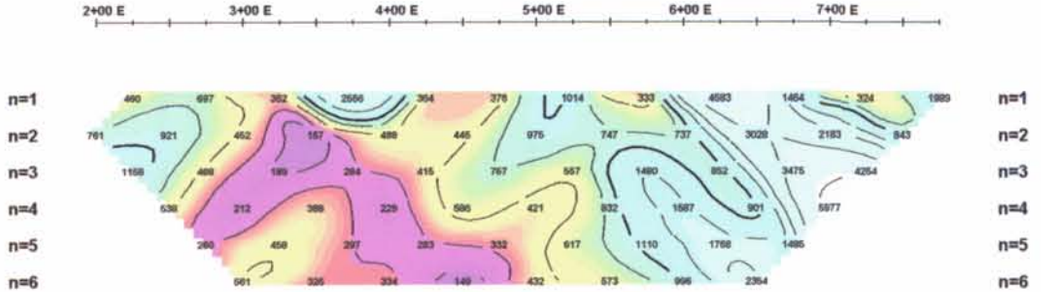
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 600S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

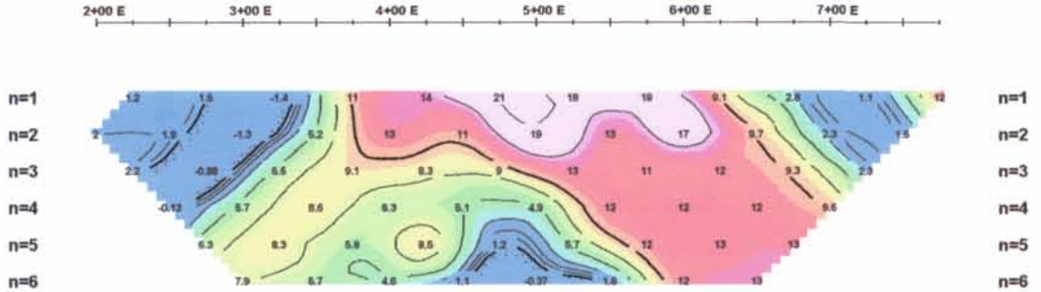
processed November 2005 by:
Geo-Digit-Ex

Apparent Resistivity
(ohm-m)



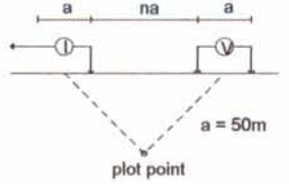
Apparent Resistivity
(ohm-m)
4651
1603
761
624
540
478
416
360
306
253
194
118

Apparent Chargeability
(mV/V)



Apparent Chargeability
(mV/V)
17
15
13
11
9
7
5
3

Pole-Dipole Array



2.30996

Scale 1:5000

LARRY GERVAIS

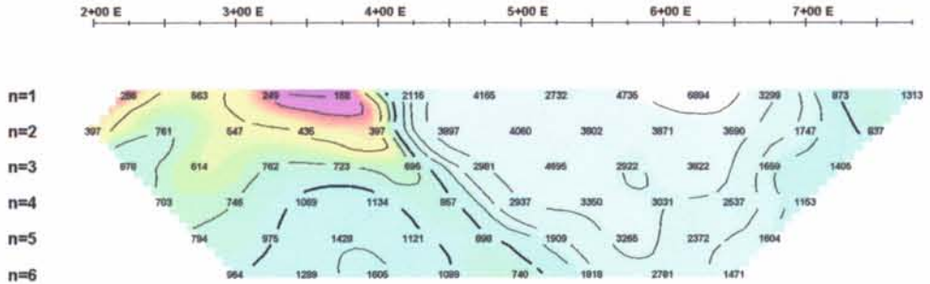
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

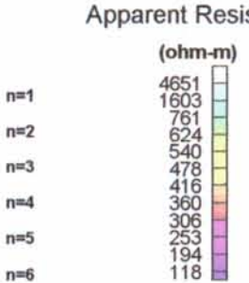
Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 800S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

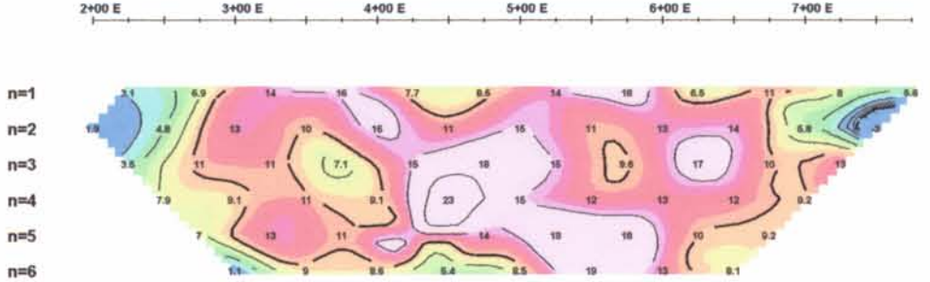
processed November 2005 by:
Geo-Digit-Ex

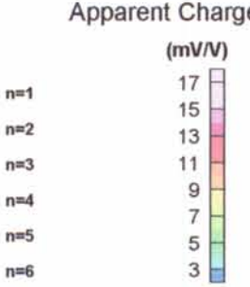
Apparent Resistivity
(ohm-m)

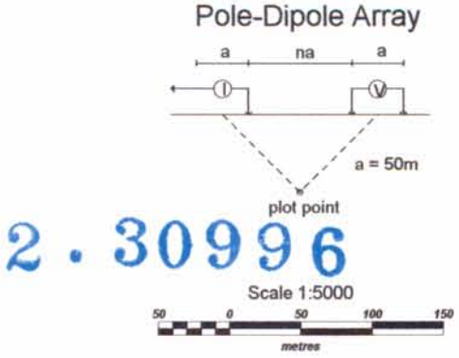




Apparent Chargeability
(mV/V)







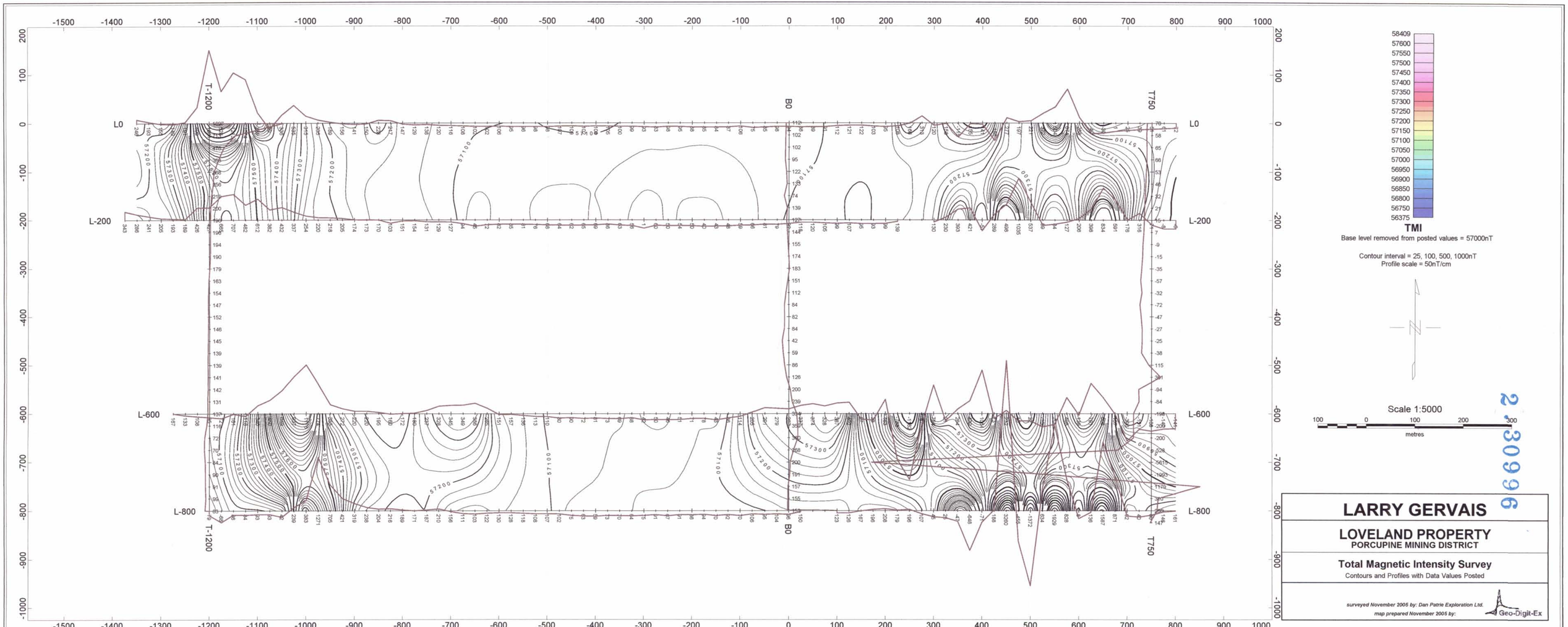
LARRY GERVAIS

LOVELAND PROPERTY
PORCUPINE MINING DISTRICT

Pole-Dipole
Resistivity and Induced Polarization Survey
Pseudosection
Line 600S

surveyed November 2005 by:
Dan Patrie Exploration Ltd.

processed November 2005 by:
Geo-Digit-Ex


T-1200
B0
T750
L0
L-200
L-600
L-800
58409
57600
57550
57500
57450
57400
57350
57300
57250
57200
57150
57100
57050
57000
56950
56900
56850
56800
56750
56375
TMI
Base level removed from posted values = 57000nT
Contour interval = 25, 100, 500, 1000nT
Profile scale = 50nT/cm
Scale 1:5000
100 0 100 200 300
metres
2,30996
LARRY GERVAIS
LOVELAND PROPERTY
PORCUPINE MINING DISTRICT
Total Magnetic Intensity Survey
Contours and Profiles with Data Values Posted
surveyed November 2005 by: Dan Patrie Exploration Ltd.
map prepared November 2005 by:
Geo-Digit-Ex

2.30996

2.30996

TWP. LINE

TL-12+00W

RIVER.

BL-0+00E

TL-7+50E

TWP. LINE

N

BYERS TWP.

#4 POST 3016389.

#1 POST 3016389

#4 POST 3016392

L-0+00N

L-2+00S

L-4+00W

LOVELAND TWP.

CLAIM #

3016389

CLAIM #

3016392

RIVER.

L-6+00S

L-8+00S

SWAMP.

BL-6+00E

TL-7+50E

LOVELAND PROPERTY
LINE CUTTING
MAG SURVEY
INDUCED POLARIZATION SURVEY
FALL 2005
DAN PATRIE EXPLORATION LTD.

0 200m 400m