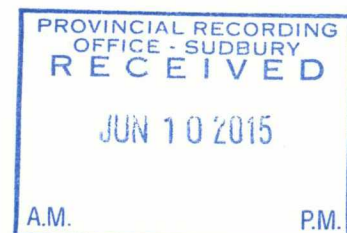


GEOPHYSICAL FOLLOW-UP REPORT  
FOR  
*SCHYAN EXPLORATION INC. / LARRY GERVAIS*  
ON THE  
*CREST LAKE PROPERTY*  
KEEFER TOWNSHIPS  
PORCUPINE MINING DIVISION  
NORTHEASTERN, ONTARIO

  
Prepared by: J. C. Grant,  
June 2015

2756034



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## **ABSTRACT:**

The Crest lake property was initially staked by Larry Gervais who optioned the property to Zinc Corp. Resources Inc. in the fall of 2010. During the winter of 2010 a ground program was completed across the property that consisted of a detailed line cutting, total field magnetic and VLF EM survey. The original grid consisted of a series of east-west lines that were turned off of a base line at 100 meter intervals. Lines 0+00 to line 500ME were cut from the base line to tie line 600MN, line 600ME was cut from the base line to 1100MN and lines 700ME and 800ME were cut from 400MN to 1100MN.

In March of 2011 the cross lines were then covered by a follow up Induced Polarization, (IP), survey. The intent of the follow up program was to better define the VLF zones and magnetic high structures.

## **INTRODUCTION:**

The services of Exsics Exploration Limited were retained by Mr. L. Gervais and Mr. M. Lavery, on behalf of the Company, Schyan Exploration Inc., to extend a historical grid and ground geophysical program that had been completed across the Crest Lake property by Zinc Corp in the winter of 2010 and the follow up Induced Polarization, (IP), survey that followed in 2011. The line cutting portion of this phase of the program was completed by an independent line cutting firm and the geophysical portion of the program was completed by Exsics Exploration Limited.

## **PROPERTY LOCATION AND ACCESS:**

The Crest Lake Property is situated approximately 50 kilometers west-southwest of the City of Timmins. The claim block is situated in the south central section of Keefer Township. More specifically it is located to the west of Boom Lake, northwest of Keefer Lake and the western section of the grid covers all of Crest Lake. Keefer Township is within the Porcupine Mining Division, Northeastern Ontario. Refer to Figures 1 and 2 of this report.

Access to the grid during the survey period was ideal. Highway 101 travels west of Timmins to the junction of a good all weather gravel road locally called the Boom Lake road. This road run northwest off of the highway and allows access to the eastern shore of Boom Lake. A second access route used by the current crews was a good ploughed road that ran west to southwest off of the Little Star Lake access road that provided drivable access to line 400ME at about 800MN. Then power line that cuts across the area provided good skidoo to most of the grid area. Traveling time from Timmins to the grid is about 70 minutes.





# **EXSICS EXPLORATION LTD.**

P.O. Box 1880, P4N-7X1  
Suite 13, Hollinger Bldg, Timmins Ont.  
Telephone: 705-267-4151, 267-2424

CLIENT: SCHYAN EXPLORATION INC./L.GERVAIS

PROPERTY: CREST LAKE PROJECT

TITLE: KEEFER TOWNSHIP

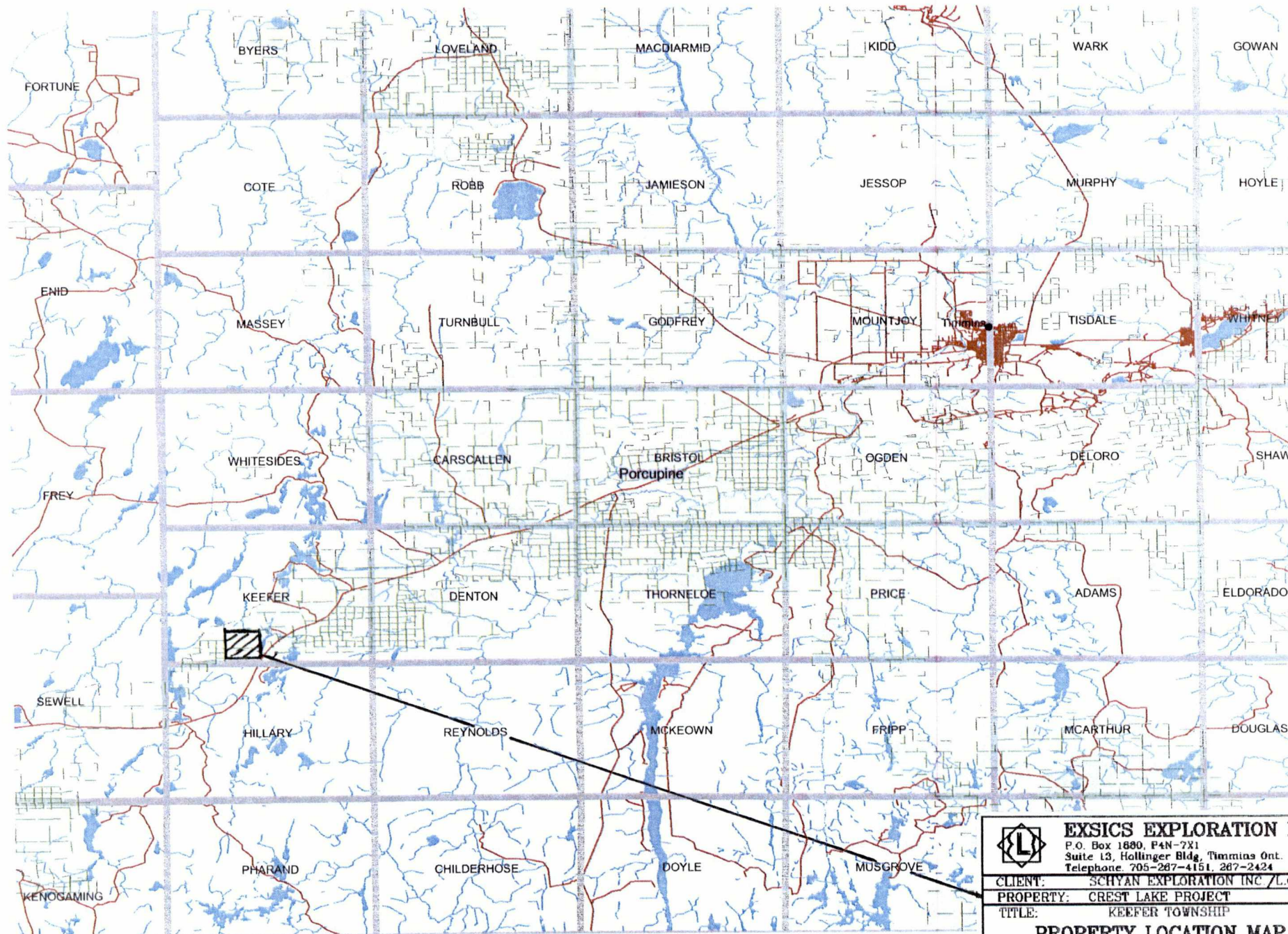
## **LOCATION MAP**

Fig.

Date: MARCH 2015 Scale: NTS

Drawn: J.C. Grant Interp: Job: E-935





**EXSICS EXPLORATION LTD.**

P.O. Box 1880, P4N-7X1  
Suite 13, Hollinger Bldg, Timmins Ont.  
Telephone 705-287-4151, 287-2424

CLIENT: SCHYAN EXPLORATION INC / L. GÉRALD

PROPERTY: CREST LAKE PROJECT

TITLE: KEEKER TOWNSHIP

**PROPERTY LOCATION MAP**

Fig. 2

Date: MARCH 2015 Scale: 1:600,000 NTS  
Drawn: J.C. Grant Interp: Job E-935



**CLAIM BLOCK:**

The claim numbers that were covered by the geophysical survey are listed below.

4215959,	13 units
4240106,	8 units

Refer to figure 3 copied from MNDM Plan Map G-3237 of Keefer Township for the positioning of the grid and the claim number.

**PERSONNEL:**

The field crew directly responsible for the collection of all the original raw magnetic and VLF-EM data were as follows.

J. Francoeur	Timmins, Ontario
D.J. Gibson	Timmins, Ontario

The IP crew consisted of the following members:

J. Hamlin	Timmins, Ontario
J. Francoeur	Timmins, Ontario
D. Poirier	Timmins, Ontario
A. Chamberlain	Timmins, Ontario
D. J Gibson	Timmins, Ontario

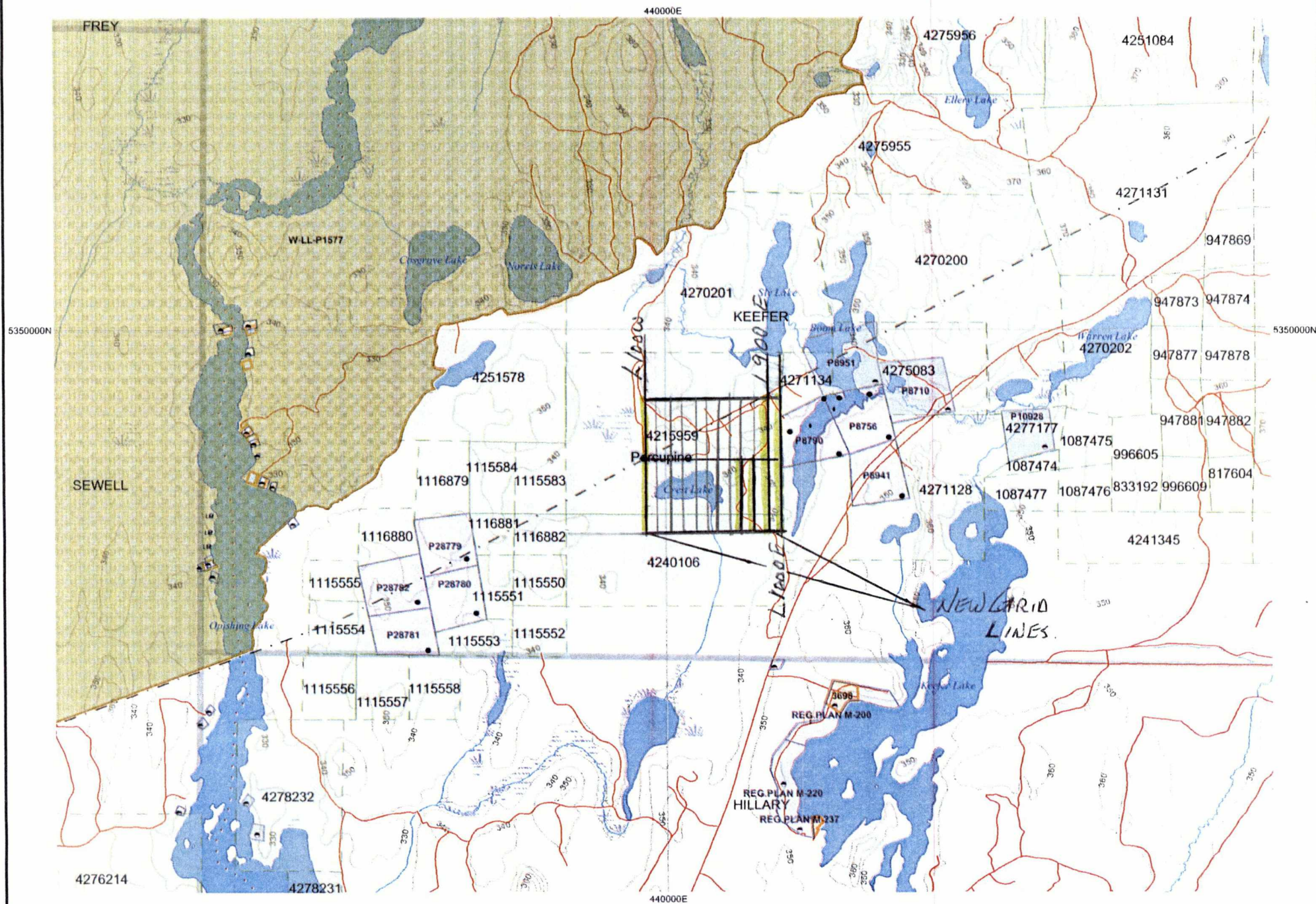
The work was completed under the direct supervision of J. C. Grant of Exsics.

**GROUND PROGRAM:**

This phase of the ground program was completed between April 11<sup>th</sup> and April 18<sup>th</sup> and consisted of several addition lines being cut along the eastern and western edges of the existing grid. The new lines were 100MW from the base line to 1100MN, Line 900ME and 1000ME from the base line to 1100MN as well as fill in lines 700ME and 800ME from the base line to about 450MN. Tie lines 1100MN, 600MN and the base line were also extended to tie in these new lines. All of the new grid lines were then chained with 25 meter pickets that were metal tagged. In all a total of 5.0 kilometers of new grid were cut during this phase of the program.

Once the cutting was completed the new grid was covered by a total field magnetic survey and an IP survey.







The IP survey was completed using the G.D.D Instrumentation IP receiver and 3.6 kilowatt transmitter. Specifications for these units can be found as Appendix A of this report. The following parameters were kept constant throughout the survey.

Line spacing	100 meters
IP method	Time Domain
IP array	Pole-Dipole
Electrode spacing and number	25 meters, 6 electrodes
Transmitter set-up	2 seconds on, 2 seconds off
Parameters measured	apparent resistivity and chargeability
Delay Time	240Ms
Timing	80Ms
Setting	Arithmetic

The collected IP data was then plotted onto individual line pseudo sections showing the contoured color results of the collected resistivity and chargeability data as well as a calculated Metal Factor. Copies of these color sections are included in the back pocket of this report.

The Magnetic survey was completed using the Scintrex Envi Mag system. Specifications for this unit can be found as Appendix B of this report. The following parameters were kept constant throughout this survey.

Line spacing	100 meters
Station spacing	25 meters
Reading intervals	12.5 meters
Diurnal monitoring	base station recorder
Record interval	30 seconds
Reference field	57000 nT
Datum subtracted	56500 nT

### **PROPERTY GEOLOGY:**

The gird area is generally underlain by a band of basalts intermixed with felsic to intermediate volcanics that has been cross cut by a north to northwest striking fault zone that cuts across the eastern shore of Crest Lake, generally paralleling line 500ME. A dike is interpreted to also run north south across the western tip of the same lake. Figure 4.







### MAGNETIC SURVEY RESULTS:

The initial magnetic survey was successful in locating and defining the underlying geological structures of the grid area. The most predominant feature is the strong magnetic high unit that strikes into the grid from the east and crosses the southern section of the grid. The zone is represented by a narrow magnetic high that lies between 100MN and 200MN and has correlating IP zones lying along the northern and southern edges of the high. This narrow magnetic unit may fold back on itself between lines 300ME and 500ME and appears to wrap around the IP zone that strikes across lines 300ME to 600ME.

**This phase of the survey suggests that this target does not extend past 700ME. In fact there may be a cross structure striking northwest-southeast from line 1000ME at the base line to at least 700ME at 250MN that has cut off the magnetic unit coming in from the west.**

A second narrow magnetic high was noted on lines 200ME to 100ME at the southern tip that correlates to the southern limb of the IP zone striking across lines 300ME to 0+00.

**The follow up program that covered line 100MW suggests that this narrow zone does not continue off of the grid to the west.**

There is a strong broad magnetic high that strikes into the northwest section of the grid and covers lines 0+00 to 200ME between 800MN and 900MN. The eastern edge of this high appears to butt up against a possible northwest-southeast striking low unit that can be followed from line 300ME at 1000MN to 1000ME at the base line.

**This phase of the program suggests that the magnetic unit continues across line 100MW and continues off of the grid to the west. The IP zone also follows the northern edge of this unit and it too continues off of the grid to the west.**

The above magnetic high may continue on to the east of this northwest-southeast structure and **this latest program suggest that the zone can now be followed from 550ME to 1000ME between 700MN and 675MN. One IP zone correlate directly with the magnetic high all the way from 500ME to 1000ME and appears to continue off of the grid to the east. A second IP zone runs along the southern edge of this same magnetic high.to the northern limb of the western high and directly with the eastern magnetic high.**

### IP SURVEY RESULTS:

The initial IP survey was successful in outlining at least five or six conductive zones across the grid. **The first IP zone, Zone A, strikes across lines 300ME to line 0 and now continues to line 100MW and appears to continue off of the grid to the west. The zone is centered at 50MN and continues off of the grid to the west.** The zone is represented by a moderate chargeability high that is associated with a moderate resistivity high and correlates to a magnetic low situated between two narrow and strong magnetic highs.



The second IP zone, Zone B, strikes from line 300ME to 600ME and **from the results of the current program this zone appears to have been faulted and or cut off by the northwest-southeast cross structure. This zone may continue striking east to slightly northeast and can be followed from line 800ME to 1000ME and appears to continue off of the grid to the east. This zone is represented by a moderate to strong chargeability high that is associated with a moderate resistivity high. The zone appears to deepen as it heads east and off of the grid.**

Both of the above mentioned zones lie along the northern limb and southern limb of one of the main magnetic high units.

A weak IP anomaly, Zone C, lies between lines 300ME and 500ME at about 450MN and it is represented by a modest chargeability high at depth that is associated with a weak and deep resistivity high again at depth. The majority of this zone lies under Crest Lake. There is a spot magnetic high associated with the eastern section of the zone. There is a weak VLF zone also associated with this IP anomaly.

The next IP zone, Zone D strikes across lines 500ME to 800ME at about 700MN **and the results of the current program suggests that this zone continues across lines 900ME and 1000ME and off of the grid to the east. I also seems to be cut off on line 500ME possibly by the northwest- southeast striking structure that interrupted the magnetic units. The zone is represented by a modest to moderate chargeability high that is associated with a modest resistivity high.**

There is another IP zone, Zone E that closely parallels Zone D and strikes from line 600ME to 800ME at about 600MN. **The current program suggests that this zone continues to line 900ME at 600MN. This zone is somewhat weaker than D but appears to be deeper. The zone correlates to a modest resistivity high unit and correlates to a modest magnetic high.**

There is another IP zones Zone F that strikes across lines 300ME to 0+00 and now has been followed to line 100MW at 550Mn and continues off of the grid to the west. This zone generally parallels the 600MN tie line and is represented by a moderate chargeability high and a resistivity high. The zone has a narrow magnetic high association with the majority of its eastern strike length. This Zone may be the western extension of Zone D that has been offset and or cut off by the northwest-southeast striking unit paralleling lines 300ME and 400ME.

A final IP zone, Zone G can be followed from line 200ME to line 0+00 and continues off of the grid to the west. This zone is a moderate to strong IP target especially on line 100ME and it has a modest resistivity high association. The zone also lies along the northern edge of the broad magnetic high unit but appears to correlate to a modest magnetic low.

### CONCLUSIONS AND RECOMMENDATIONS:

The initial IP survey was successful in locating and outlining several moderate IP zones across the grid. The southern zone A, lies within the felsic unit just to the south of the sedimentary-felsic contact and may represent a contact type zone. The IP zone B, just to the north of the above mentioned zone lies within the sediments just to the north of the suspected contact and represents a good follow up target for drilling.

Zone C generally lies under Crest Lake and may represent the northern contact of the sediments and mafic volcanics which may represent a good target for drilling. Zone E appears to lie along the contact between the sediments to the north and felsic to the south and it lies to the east of the suspected north striking cross fault. This may represent a contact zone that should be followed up with drilling as well.

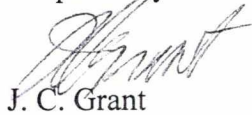
Zone D lies within the sediments and appears to run east from the north striking fault zone. This anomaly should be followed up further.

Zone F may be the western extension of Zone D but on the western side of the cross faulting. It may represent a contact or it should be considered in any follow up drilling plans.

Zone G may be a contact zone that is a good bedrock conductor with possible magnetic low correlation. The zone should be followed up with a geological type survey and or drilling.

**A follow up program of detailed mapping and or soil sampling should be considered before spotting drill holes to better define potential drill sites and or high priority targets. Final drilling locations would be based on the mapping and or sampling program.**

Respectfully submitted



J. C. Grant  
June 2015

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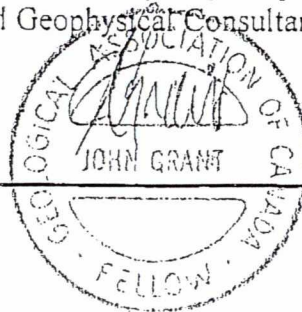
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### CERTIFICATION

I, John Charles Grant, of 108 Kay Crescent, in the City of Timmins, Province of Ontario, hereby certify that:

- 1). I am a graduate of Cambrian College of Applied Arts and Technology, 1975, Sudbury Ontario Campus, with a 3 year Honors Diploma in Geological and Geophysical Technology.
- 2). I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years, 1975 to 1980), and currently as Exploration Manager and Chief Geophysicist for Exsics Exploration Limited, since May, 1980.
- 3). I am a member in good standing of the Certified Engineering Technologist Association, (CET), since 1984.
- 4). I am in good standing as a Fellow of the Geological Association of Canada, (FGAC), since 1986.
- 5). I have been actively engaged in my profession since the 15<sup>th</sup> day of May, 1975, in all aspects of ground exploration programs including the planning and execution of field programs, project supervision, data compilation, interpretations and reports.
- 6). I have no specific or special interest nor do I expect to receive any such interest in the herein described property. I have been retained by the property holders and or their Agents as a Geological and Geophysical Consultant and Contract Manager.

John Charles Grant, CET., FGAC.





APPENDIX A

# SCINTREX

## ENVI-MAG Environmental Magnetometer/Gradiometer

### Locating Buried Drums and Tanks?

The ENVI-MAG is the solution to this environmental problem. ENVI-MAG is an inexpensive, lightweight, portable "WALKMAG" which enables you to survey large areas quickly and accurately.

ENVI-MAG is a portable, proton precession magnetometer and/or gradiometer, for geotechnical, archaeological and environmental applications where high production, fast count rate and high sensitivity are required. It may also be used for other applications, such as mineral exploration, and may be configured as a total-field magnetometer, a vertical gradiometer or as a base station.

#### The ENVI-MAG

- easily detects buried drums to depths of 10 feet or more
- more sensitive to the steel of a buried drum than EM or radar
- much less expensive than EM or radar
- survey productivity much higher than with EM or radar

### Features and Benefits

#### "WALKMAG"

##### Magnetometer/Gradiometer

The "WALKMAG" mode of operation (sometimes known as "Walking Mag") is user-selectable from the keyboard. In this mode, data is acquired and recorded at the rate of 2 readings per second as the operator walks at a steady pace along a line. At desired intervals, the operator "triggers" an event marker by a single key stroke, assigning coordinates to the recorded data.

#### True Simultaneous Gradiometer

An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

#### Selectable Sampling Rates

0.5 second, 1 second and 2 second reading rates user selectable from the keyboard.

#### Main features Include:

- select sampling rates as fast as 2 times per second
- "WALKMAG" mode for rapid acquisition of data
- large internal, expandable memory
- easy to read, large LCD screen displays data both numerically and graphically
- ENVIMAP software for processing and mapping data

ENVI-MAG comprises several basic modules; a lightweight console with a large screen alphanumeric display and high capacity memory, a staff mounted sensor and sensor cable, rechargeable battery and battery charger, RS-232 cable and ENVIMAP processing and mapping software.

For gradiometry applications an upgrade kit is available, comprising an additional processor module for installation in the console, and a second sensor with a staff extender.

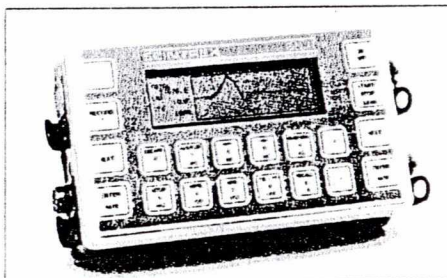


ENVI-MAG Proton Magnetometer in operation

For base station applications a Base Station Accessory Kit is available so that the sensor and staff may be converted into a base station sensor.

#### Large-Key Keypad

The large-key keypad allows easy access for gloved-hands in cold-weather operations. Each key has a multi-purpose function.



Front panel of ENVI-MAG showing a graphic profile of data and large-key keypad

#### Large Capacity Memory

ENVI-MAG with standard memory stores up to 28,000 readings of total field measurements, 21,000 readings of gradiometry data or 151,000 readings as a base station. An expanded memory option is available which increases this standard capacity by a factor of 5.

#### Easy Review of Data

For quality of data and for a rapid analysis of the magnetic characteristics of the survey line, several modes of review are possible. These include the measurements at the last four stations, the ability to scroll through any or all previous readings in memory, and a graphic display of the previous data as profiles, line by line. This feature is very useful for environmental and archaeological surveys.

#### Highly Productive

The "WALKMAG" mode of operation acquires data rapidly at close station intervals, ensuring high-definition results. This increases survey productivity by a factor of 5 when compared to a conventional magnetometer survey.

#### "Datacheck" Quality Control of Data

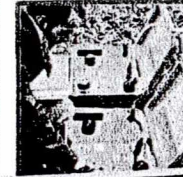
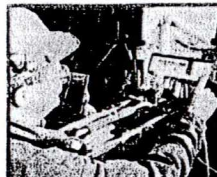
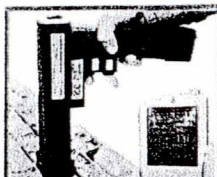
"Datacheck" provides a feature wherein at the end of each survey line, data may be reviewed as a profile on ENVI-MAG's screen. Datacheck confirms that the instrument is functioning correctly and







APPENDIX B



**Canadian Manufacturer of Geophysical Instrumentation since 1976**  
**Sales, Rental, Customer Service, R&D and Field training**

**WWW.GDD.CA**

# 32 Channels IP Receiver Model GRx8-32

*«Field users have reported that the GDD IP Receiver provided more repeatable readings than any other time domain IP receiver and it read a few additional dipoles.»*



## Features

- 8 channels expandable to 16, 24 or 32
- Reads up to 32 ch. simultaneously in poles or dipoles
- PDA menu-driven software / simple to use
- 32 channels configuration allows 3D Survey:  
4 lines X 8 channels - 2 lines X 16 channels or  
1 line X 32 channels
- Link to a PDA by Bluetooth or RS-232 port
- Real-time data and automatic data stacking (Full Wave)
- Screen-graphics: decay curves, resistivity, chargeability
- Automatic SP compensation and gain setting
- 20 programmable chargeability windows
- Survey capabilities: Resistivity and Time domain IP
- One 24 bit A/D converter per channel
- Gain from 1 to 1,000,000,000 ( $10^9$ )
- Shock resistant, portable and environmentally sealed

**GRx8-32:** This new receiver is a compact and low consumption unit designed for high productivity Resistivity and Induced Polarization surveys. It features high ruggedness allowing to work in any field conditions

**Reception poles/dipoles:** 8 simultaneous channels expandable to 16, 24 or 32,  
for dipole-dipole, pole-dipole or pole-pole arrays.

**Programmable windows:** The GRx8-32 offers twenty fully programmable windows for a higher flexibility in the definition of the IP decay curve.

**User modes available:** Arithmetic, logarithmic, semi-logarithmic, Cole-Cole, IPR-12 and user define.

**IP display:** Chargeability values, Resistivity values and IP decay curves can be displayed in real time. The GRx8-32 can be used for monitoring the noise level and checking the primary voltage waveform.

**Internal memory:** The memory of 64 megabytes can store 64,000 readings. Each reading totalizes one kilobyte and includes the full set of parameters characterizing the measurements on 8 channels. The data is stored in flash memories not requiring any lithium battery for safeguard. A flash card stores the full wave signal for post-treatment processing.



## New IP Receiver Model GRx8-32 with PDA

**GRX8-32:** This new receiver is a compact and low consumption unit designed for high productivity Resistivity and Induced Polarization surveys. It features high ruggedness allowing to work in any field conditions

**Reception poles/dipoles:** 8 simultaneous channels expandable to 16, 24 or 32, for dipole-dipole, pole-dipole or pole-pole arrays.

**Programmable windows:** The GRX8-32 offers twenty fully programmable windows for a higher flexibility in the definition of the IP decay curve.

**User modes available:** Arithmetic, logarithmic, semi-logarithmic, Cole-Cole and user define.

**IP display:** Chargeability values, Resistivity values and IP decay curves can be displayed in real time. The GRX8-32 can be used for monitoring the noise level and checking the primary voltage waveform.

**Internal memory:** The memory of 64 megabytes can store 64,000 readings. Each reading totalizes one kilobyte and includes the full set of parameters characterizing the measurements on 8 channels. The data is stored in flash memories not requiring any lithium battery for safeguard. The memory can hold many days worth of data. It also stores fullwave form of the signal at each electrode for post-treatment.

### Features:

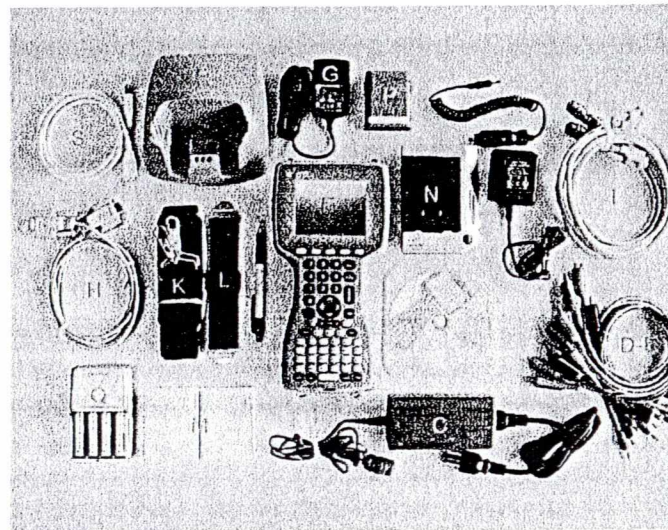
- 8 channels expandable to 16, 24 or 32
- Reads up to 32 ch. simultaneously in poles or dipoles configuration
- PDA menu-driven software / simple to use
- 32 channels configuration allows 3D Survey: 4 lines X 8 channels, 2 lines X 16 channels or 1 line X 32 channels
- Link to a PDA by Bluetooth or RS-232 port
- Real-time data and automatic data stacking
- Self-test diagnostic
- Screen-graphics: decay curves, resistivity, chargeability
- Automatic SP compensation and gain setting
- 20 programmable chargeability windows
- Survey capabilities: Resistivity and Time domain IP
- One 24 bit A/D converter per channel
- Gain from 1 to 1,000,000,000 ( $10^9$ )
- Shock resistant, portable and environmentally sealed



GDD IP Receiver model GRx8-32

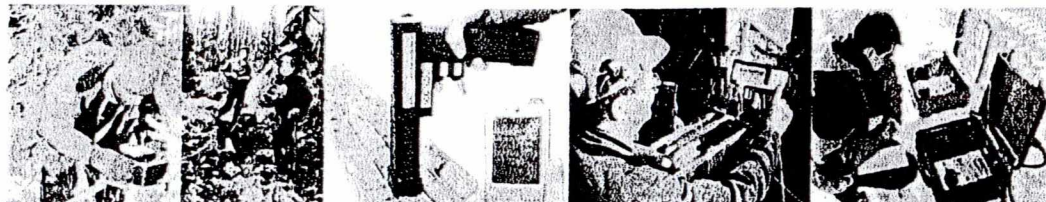


PDA included with GRX8-32  
Standard Juniper -  
Allegro CX mobile PDA



Components included with  
GDD IP Receiver GRx8-32



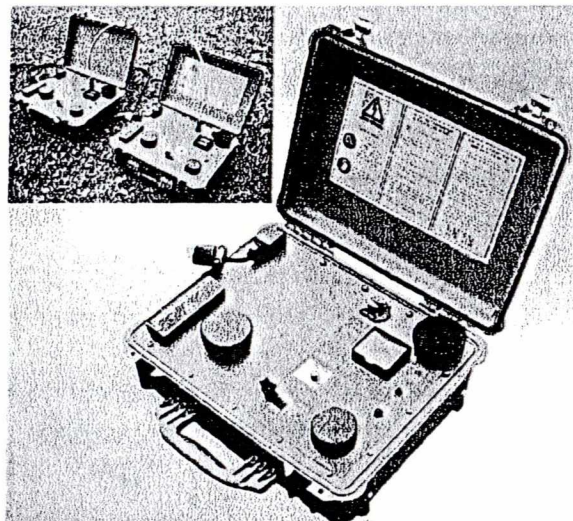
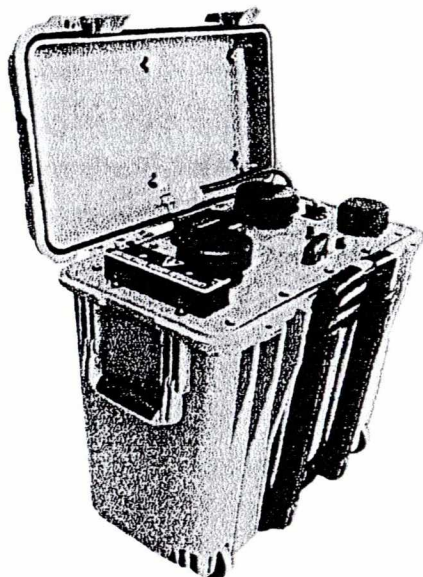


Canadian Manufacturer of Geophysical Instrumentation since 1976  
Sales, Rental, Customer Service, R&D and Field training

## Induced Polarization Transmitter

TxIII-1800W-2400V-10A Model

TxII-3600W-2400V-10A Model



**New feature: link two GDD 1800W or 3600W IP TX together and double the voltage (4800V) and power .**

Its high power combined with its light weight and a Honda generator makes it particularly suitable for dipole-dipole Induced Polarization surveys

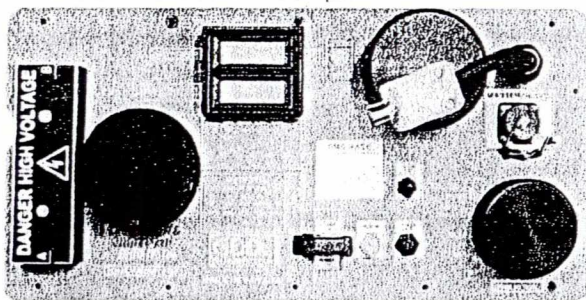
- Protection against short circuits even at zero (0) ohm
- Output voltage range: 150 V – 2400 V / 14 steps
- Power source: 120 V – Optional: 220 V, 50 / 60 Hz
- Displays electrode contact, transmitting power and current
- One-year warranty on parts and labour

This backpackable 1800 watts Induced Polarization (I.P.) transmitter works from a standard 120 V source and is well adapted to rocky environments where a high output voltage of up to 2400 volts is needed. Moreover, in highly conductive overburden, at 150 V, the highly efficient TxII-1800W transmitter is able to send current up to 10 A. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the worst conditions. Link two GDD 1800 W IP TX together and transmit up to 3600 watts – 4800 volts – 10 amps.

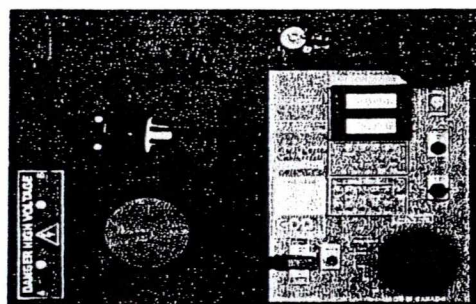
Its high power combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- Protection against short circuits even at zero (0) ohm
- Output voltage range: 150 V – 2400 V / 14 steps
- Power source: 220 V, 50 / 60 Hz - standard 220 V generator
- Displays electrode contact, transmitting power and current
- One-year warranty on parts and labour

This 3600 watts Induced Polarization (I.P.) transmitter works from a standard 220 V source and is well adapted to rocky environments where a high output voltage of up to 2400 volts is needed. Moreover, in highly conductive overburden, at 350 V, the highly efficient TxII-3600W transmitter is able to send current up to 10 A. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the most difficult conditions. Link two GDD 3600 W IP TX together and transmit up to 7200 watts – 4800 volts – 10 amps.



Face plate of the  
—1800W  
and  
3600W—  
IP Tx





## SPECIFICATIONS

### TxII-1800W

- Size: 50cm x 30.5cm x 45.7 cm
- Weight: approximately 28 kg
- Operating temperature: -40 °C to 65 °C

## ELECTRICAL CHARACTERISTICS

### TxII-1800W and TxII-3600W

- Standard time base of 2 seconds for time-domain: 2 seconds ON, 2 seconds OFF
- Optional time base: DC, 0.5, 1, 2, 4 or DC, 1, 2, 4, 8 seconds
- Output current range: 0.030 to 10 A (normal operation)  
0.000 to 10 A (cancel open loop)
- Output voltage range: 150 to 2400 V / 14 steps
- Ability to link 2 GDD Tx to double power using optional Master / Slave cable

## CONTROLS

### TxII-1800W and TxII-3600W

- Power ON/OFF
- Output voltage range switch: 150 V, 180 V, 350 V, 420 V, 500 V, 600 V, 700 V, 840 V, 1000 V, 1200 V, 1400 V, 1680 V, 2000 V, 2400 V

## DISPLAYS

### TxII-1800W and TxII-3600W – now 2 displays

- Output current LCD: reads to  $\pm 0.0010$  A.
- Electrode contact displayed when not transmitting.
- Output power displayed when transmitting.
- Automatic thermostat controlled LCD heater for read-out.
- Total protection against short circuits even at zero (0) ohm.
- Indicator lamps in case of overload:
  - High voltage ON/OFF
  - Generator over or undervoltage
  - Logic fail
  - Output overcurrent
  - Overheating
  - Open Loop Protection

## POWER

### TxII-1800W

Recommended generator:

- Standard 120 V / 60 Hz backpackable Honda generator
- Suggested models: Honda EU1000iC, 1000 W, 13.5 kg or  
Honda EU2000iC, 2000 W, 21.0 kg

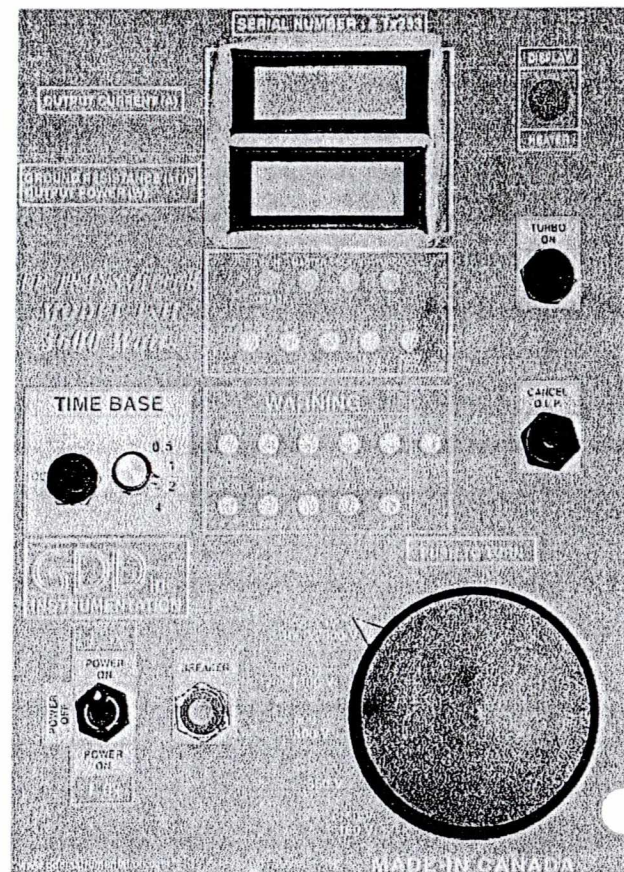
## DESCRIPTION

### TxII-1800W

- Includes shipping box, instruction manual and 110 V plug
- Optional backpackable Tx frame, Master / Slave optional cable

### TxII-3600W

- Size: 51 X 41.5 X 21.5 cm – built in transportation box from Pelicar
- Weight: approximately 32 kg
- Operating temperature: -40 °C to 65 °C



### TxII-3600W

Recommended generator :

- Standard 220 V, 50 / 60 Hz Honda generator
- Suggested models: EM3500XK1C, 3500 W, 62 kg or  
EM5000XK1C, 5000 W, 77 kg

### TxII-3600W

- Includes built-in shipping box, instruction manual and 220 V plug
- Optional 220 V extension, Master / Slave optional cable

## PURCHASE

Can be shipped anywhere in the world.

RENTAL – available in Canada and USA only

Starts on the day the instrument leaves GDD office in Quebec to the day of its return in GDD office. 50% of the rental fees up to a maximum of 4 months can be credited towards the purchased of the rented instrument.

## WARRANTY

All GDD instruments are covered by a one-year warranty. All repairs will be done free of charge at our office in Quebec, Quebec, Canada.

## OTHER COSTS

Shipping, insurances, customs and taxes are extra if applicable.

## PAYMENT

Checks, credit cards, bank transfer, etc

## SERVICE

If an instrument manufactured by GDD breaks down while under warranty or service contract, it will be replaced free of charge during repairs (upon request and subject to instruments availability).



3700, boul. de la Chaudière, suite 200  
Québec (Québec)  
Canada G1X 4B7  
Phone: +1 (418) 877-4249  
Fax: +1 (418) 877-4054  
E-Mail: [gdd@gddinstrumentation.com](mailto:gdd@gddinstrumentation.com)  
Web Site: [www.gddinstrumentation.com](http://www.gddinstrumentation.com)

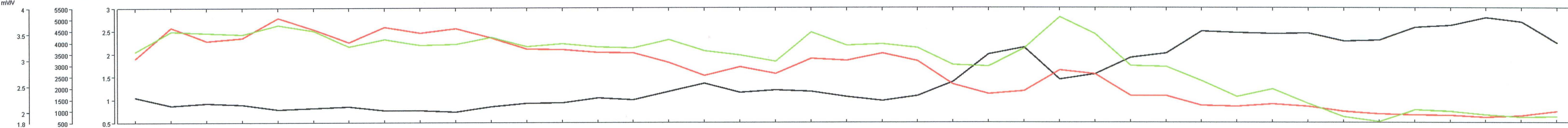
Specifications are subject to change without notice  
Printed in Quebec, Canada, 2008



Average IP  
mV/V

Rho

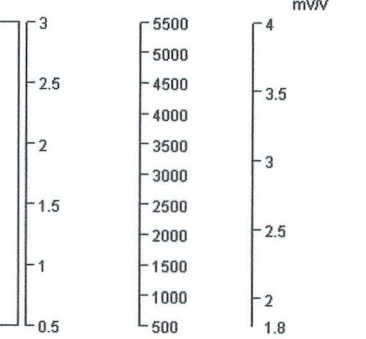
Metal Factor



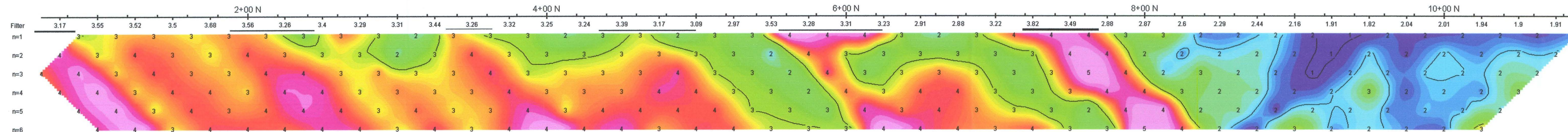
Metal Factor

Rho

Average IP  
mV/V

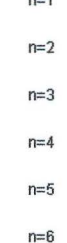


Average IP  
mV/V

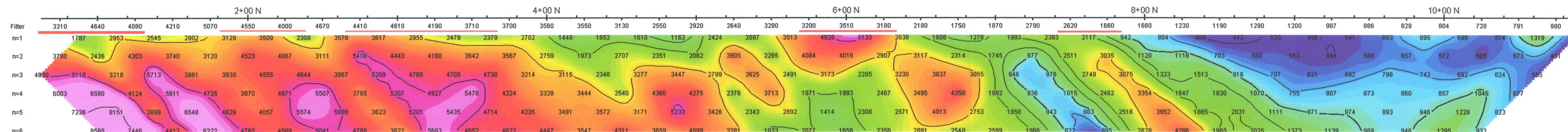


Average IP  
mV/V

Filter

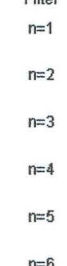


RESISTIVITY  
OHMS/METER

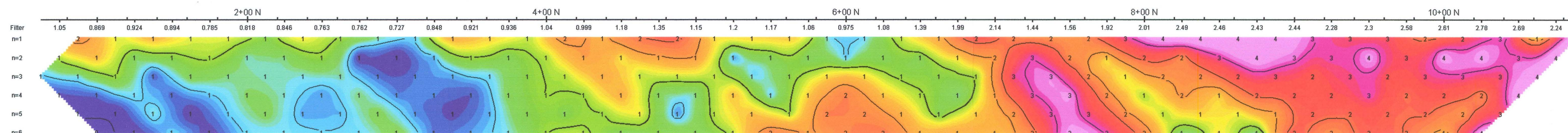


RESISTIVITY

Filter

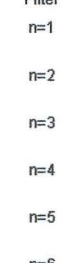


Metal Factor  
IPX1000/RES



Metal Factor

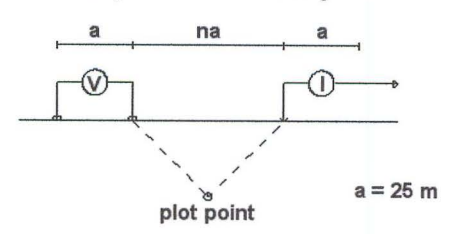
Filter



## Pseudo Section Plot LINE 900ME

Dipole-Pole Array

Pant-leg  
Filter  
\*  
\*  
\*  
\*  
\*  
\*



CHARGEABILITY  
Interval 1%, 10%

RESISTIVITY

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

METAL FACTOR

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

INSTRUMENTS

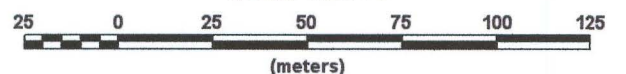
RECEIVER : GDD. GRx8-32

TRANSMITTER : GDD 3.6KWATT

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.
- ▲ HIGH resistivity feature.

Scale 1:2000



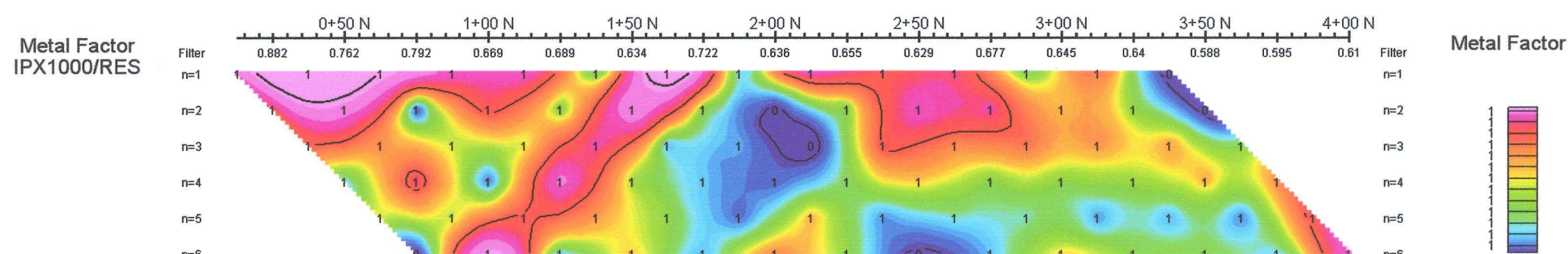
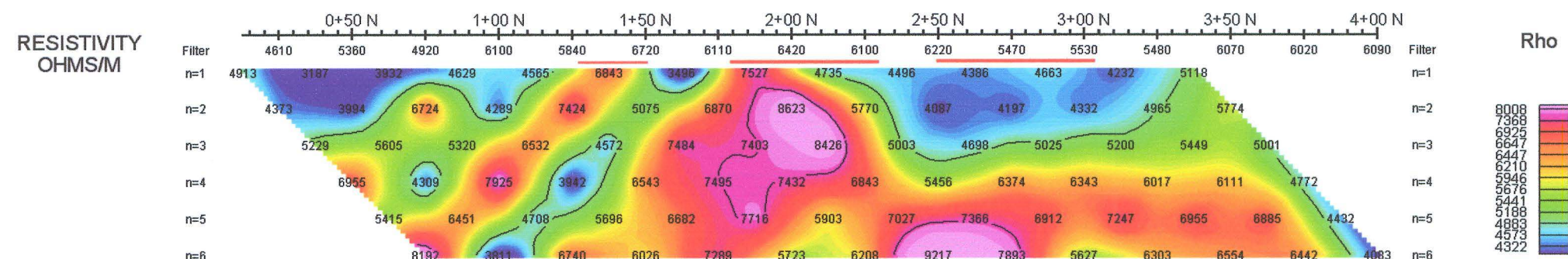
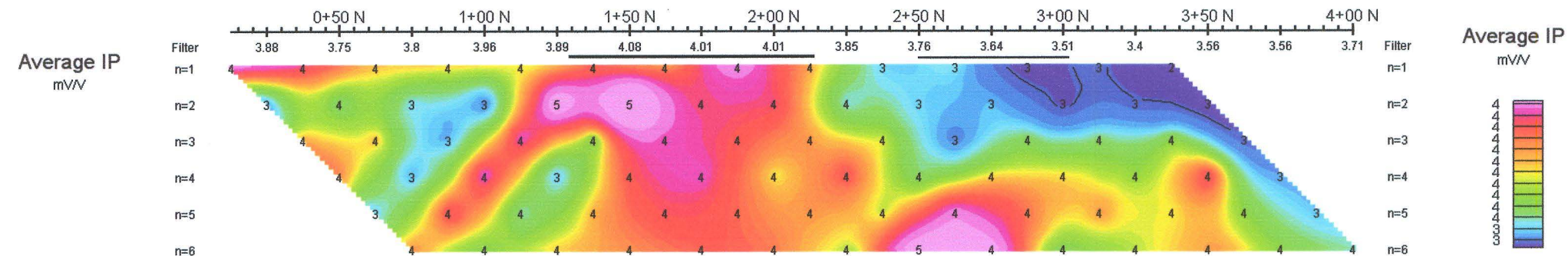
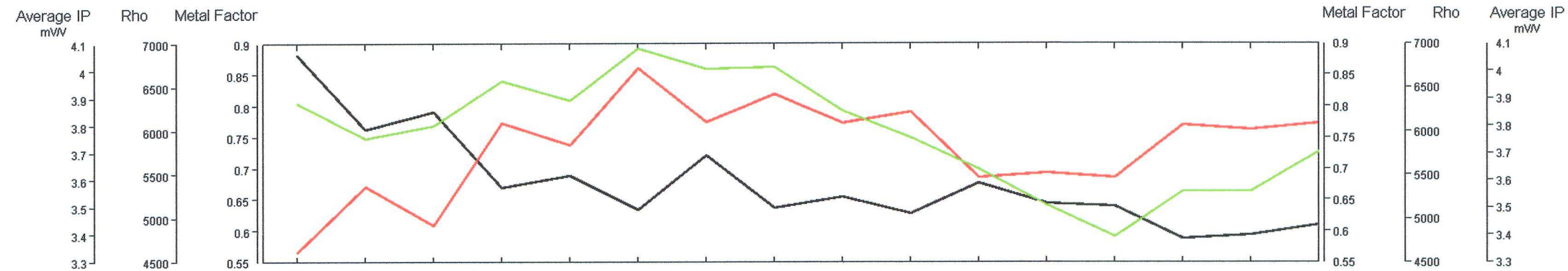
SCHYAN RESOURCES INC.

INDUCED POLARIZATION SURVEY  
IP SURVEY KEEFER TWP.  
LINE 900ME

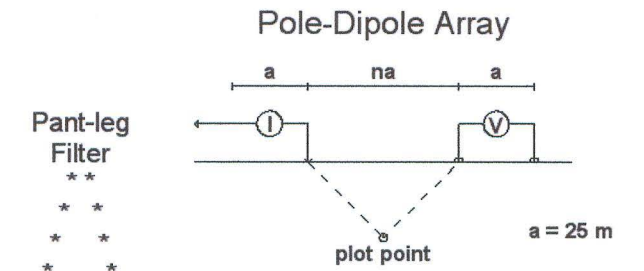
Date: 04/05/2015  
Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED





## Pseudo Section Plot LINE 800ME



### CHARGEABILITY

Interval 1%, 10%

### RESISTIVITY

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

### METAL FACTOR

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

### INSTRUMENTS

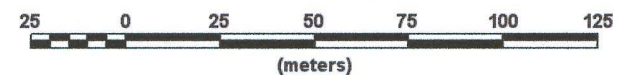
RECEIVER : GDD. GRx8-32

TRANSMITTER : GDD 3.6KWATT

### 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.
- ▼ Low resistivity feature.

Scale 1:2000



SCHYAN RESOURCES INC.

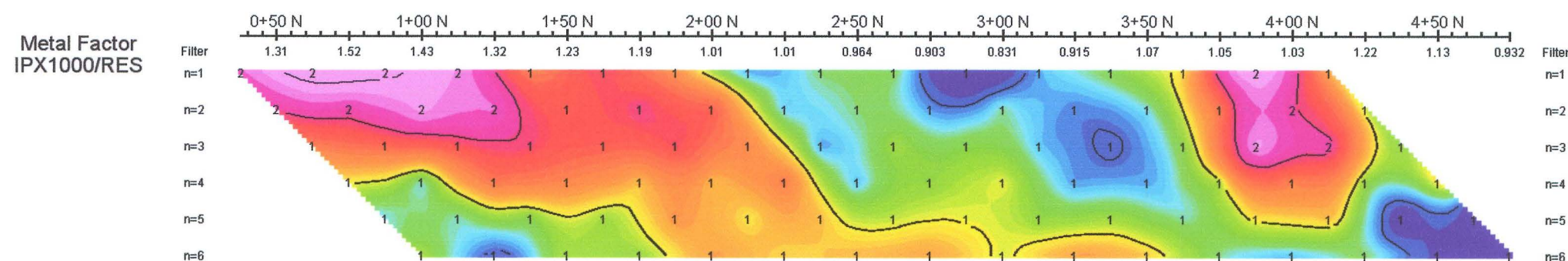
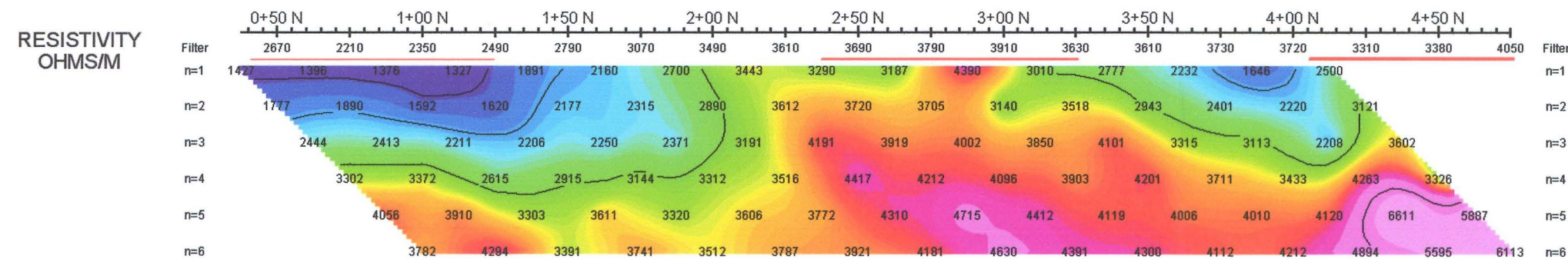
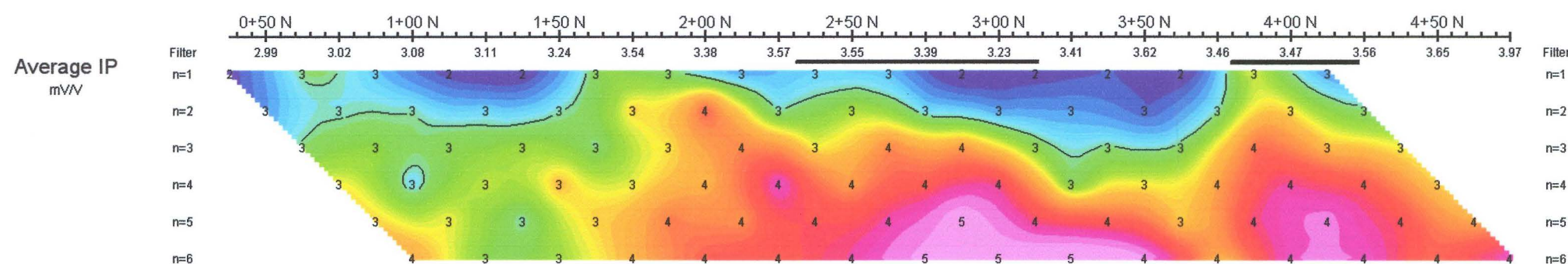
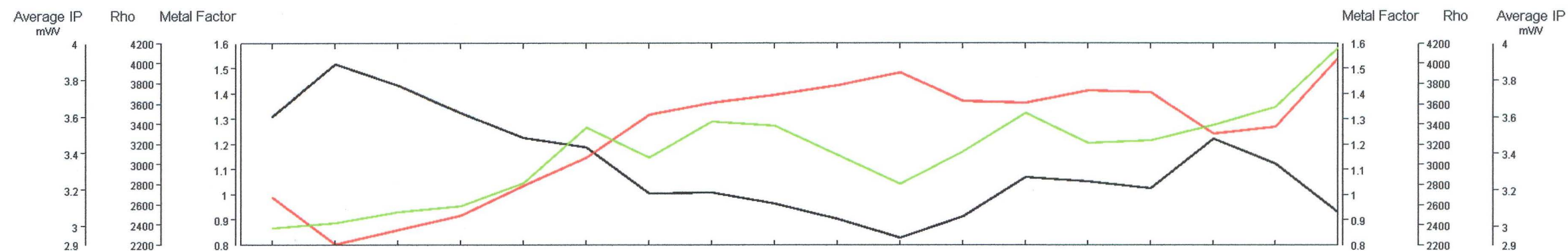
INDUCED POLARIZATION SURVEY  
IP SURVEY KEEFER TWP.

LINE 800ME

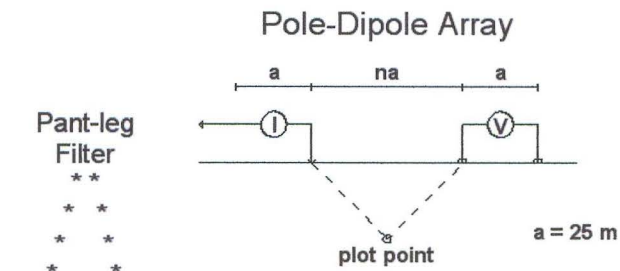
Date: 05/05/2015  
Interpretation: J.C.GRANT

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## Pseudo Section Plot 7+00 E



### CHARGEABILITY

Interval 1%, 10%

### RESISTIVITY

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

### METAL FACTOR

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

### INSTRUMENTS

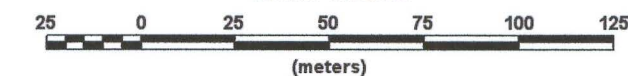
RECEIVER : GDD. GRx8-32

TRANSMITTER : GDD 3.6KWATT

### 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.
- ▲ HIGH resistivity feature.

Scale 1:2000



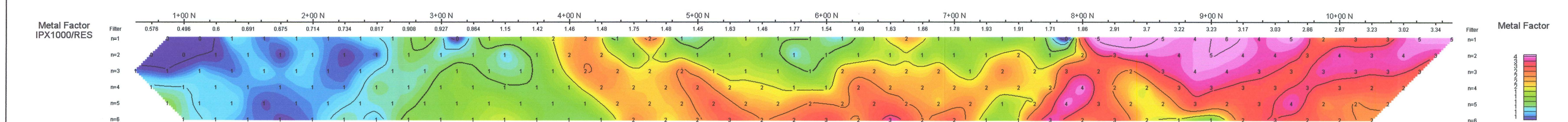
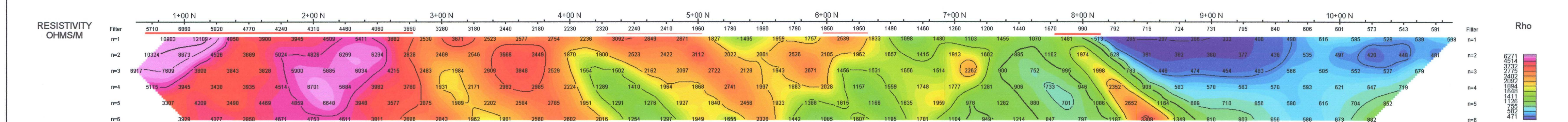
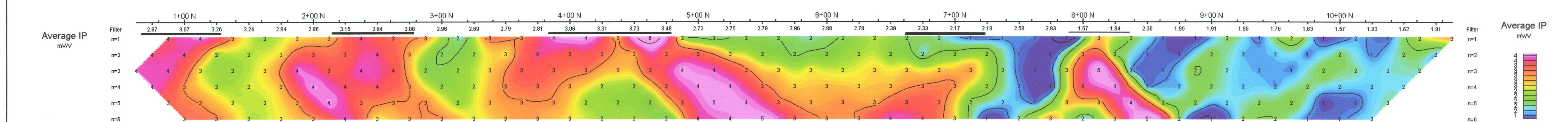
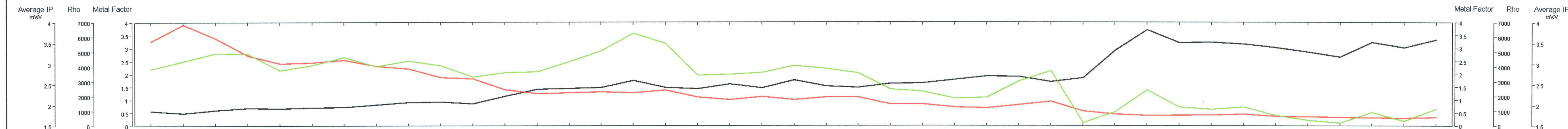
SCHYAN RESOURCES INC.

INDUCED POLARIZATION SURVEY  
IP SURVEY KEEFER TWP.  
LINE 700ME

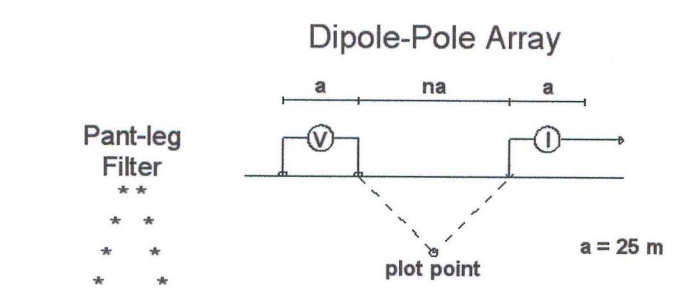
Date: 14/05/2015  
Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED





# Pseudo Section Plot LINE 1000ME



**CHARGEABILITY**  
Interval 1%, 10%

**RESISTIVITY**  
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

**METAL FACTOR**  
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

**INSTRUMENTS**

RECEIVER : GDD. GRx8-32

TRANSMITTER : GDD 3.6KWATT

**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.
- HIGH resistivity feature.

Scale 1:2000

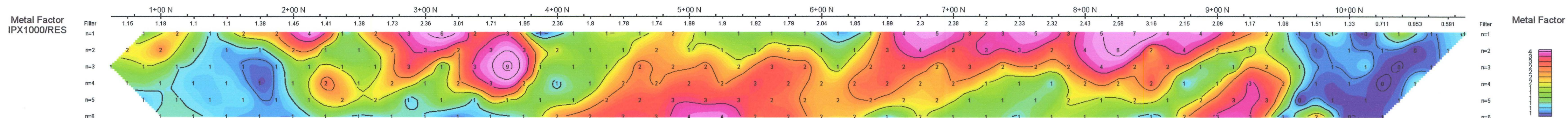
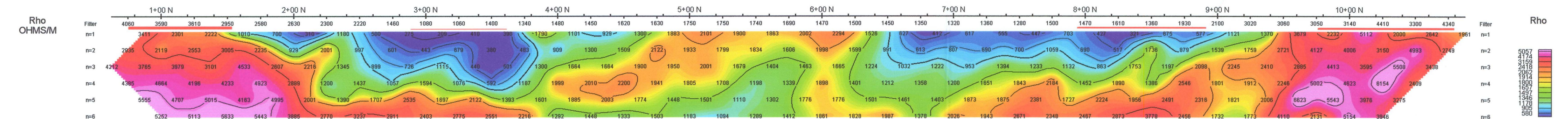
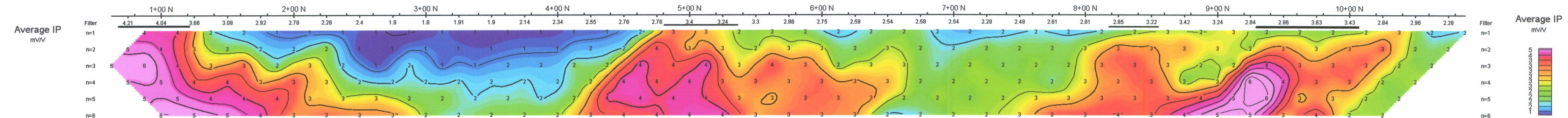
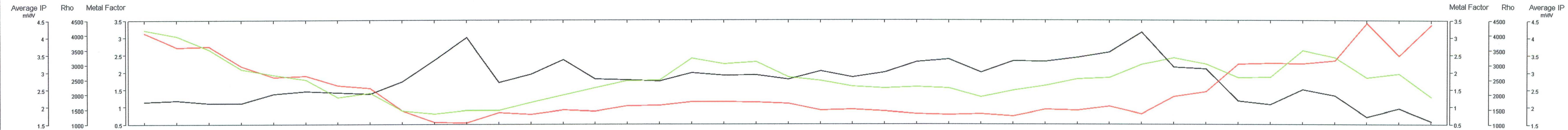
SCHYAN RESOURCES INC.

INDUCED POLARIZATION SURVEY  
IP SURVEY KEEFER TWP.  
LINE 1000ME

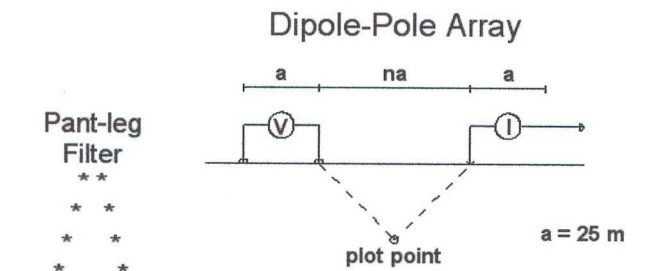
Date: 02/06/2015  
Interpretation: J.C. GRANT

EXSICS EXPLORATION LIMITED





## Pseudo Section Plot LINE 100MW



**CHARGEABILITY**  
Interval 1%, 10%

**RESISTIVITY**  
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

**METAL FACTOR**  
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

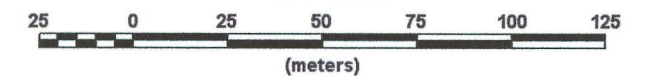
### INSTRUMENTS

RECEIVER : GDD. GRx8-32  
TRANSMITTER : GDD 3.6KWATT

### 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.
- ▲ HIGH resistivity feature.

Scale 1:2000

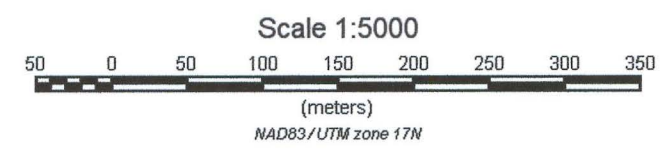
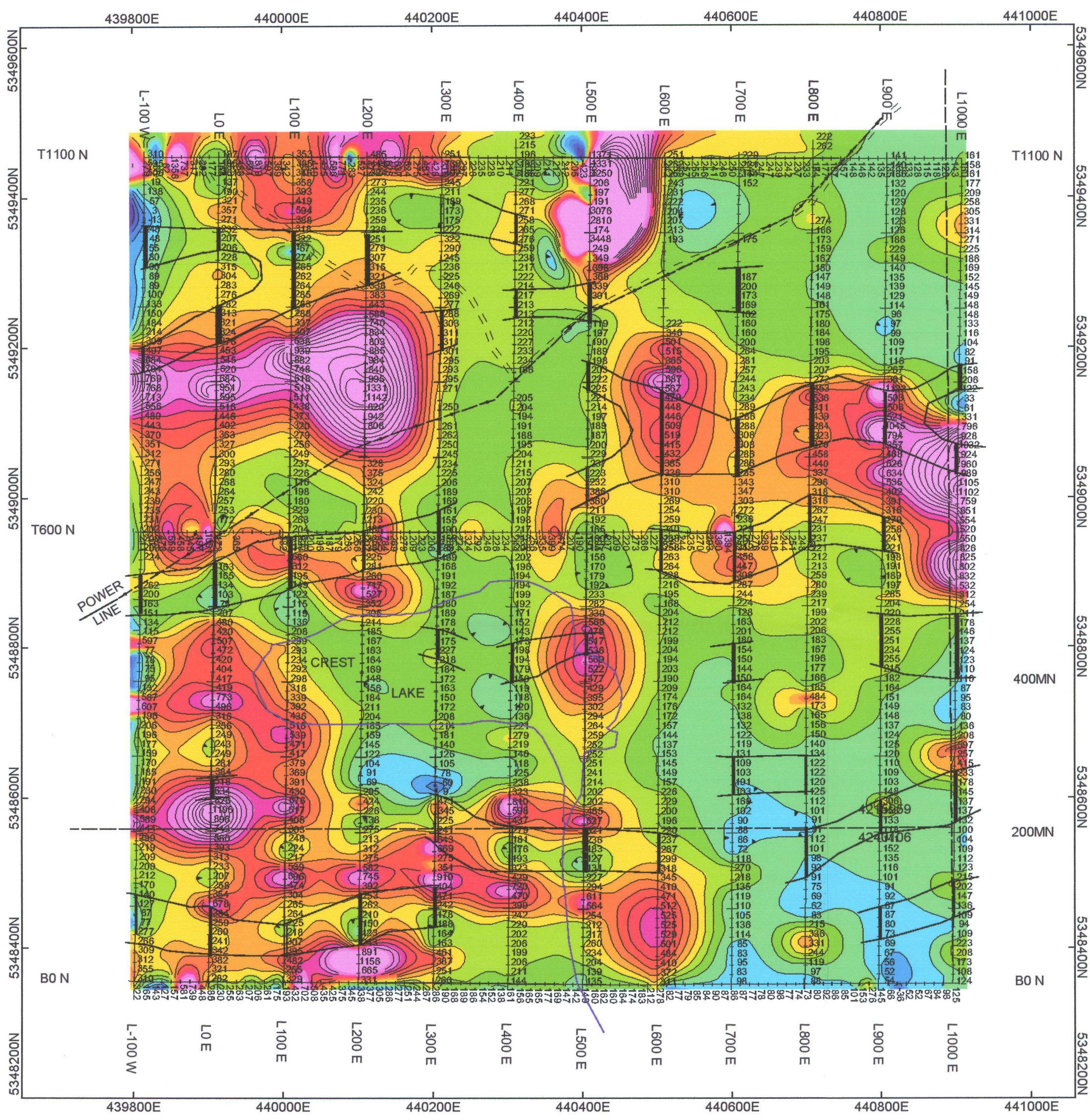
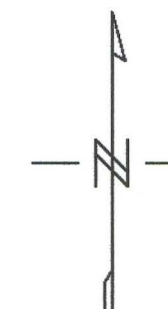


**SCHYAN RESOURCES INC.**  
**INDUCED POLARIZATION SURVEY**  
**IP SURVEY KEEFER TWP.**  
**LINE 100 MW**

Date: 02/06/2015  
Interpretation: J.C.GRANT

**EXSICS EXPLORATION LIMITED**





SCHYAN RESOURCES INC.
TOTAL FIELD MAGNETIC SURVEY ALL HISTORIC AND CURRENT DATA MERGED
KEEFER LAKE PROJECT- CREST LAKE PROPERTY SCINTREX ENVI MAG SYSTEM CONTOURED: 50nT
MARCH 2015 EXSICS EXPLORATION LIMITED E-