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GEOPHYSICAL REPORT
FOR
ST. ANDREWS GOLDFIELDS LTD.
ON THE
ARROW LOBE PROPERTY
GUIBORD TOWNSHIP
LARDER LAKE MINING DIVISION
NORTHEASTERN, ONTARIO

2 • 58078


Prepared by: J. C. Grant,
August 2017

TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROPERTY LOCATION AND ACCESS	1
CLAIM BLOCK	1
PERSONNEL	1
GROUND PROGRAM	2
MAGNETIC SURVEY	2
IP SURVEY	2
MAGNETIC SURVEY RESULTS	3
IP SURVEY RESULTS	3
CONCLUSIONS AND RECOMMENDATIONS.	3
CERTIFICATE	
LIST OF FIGURES:	FIGURE 1, LOCATION MAP FIGURE 2, PROPERTY LOCATION MAP FIGURE 3, CLAIM MAP
APPENDICES:	A: SCINTREX ENVI MAG SYSTEM B. INSTRUMENTATION G.D.D. TRANSMITTER AND RECEIVER UNIITS
POCKET MAPS:	COLOR CONTOURED MAGNETIC PLAN MAP SACLE 1:5000 INDIVIDUAL LINE SECTIONS FOR LINES 0 TO 400MW SCALE 1:2500

INTRODUCTION:

The services of Exsics Exploration Limited were retained by Mr. J. V. Bonhomme, on behalf of the Company, St Andrews Goldfields Ltd., to complete a Total field magnetic survey and IP survey across a 2 claim block, called the Arrow Lobe Property located in Guibord Township of the Larder Lake Mining Division.

The purpose of the ground program was to check the claim block for a favorable geological setting that may lend itself to potential gold and or base metal deposition.

PROPERTY LOCATION AND ACCESS:

The Arrow Lobe Property is situated approximately 75 kilometers to the east of the City of Timmins and is situated in the southeast section of Guibord Township which is part of the Larder Lake Mining Division in Northeastern, Ontario. Refer to Figures 1 and 2 of this report.

More specifically the property represents the northeast $\frac{1}{4}$, south $\frac{1}{2}$, and the southeast $\frac{1}{4}$, north $\frac{1}{2}$ of Lot 2, Concession 4 of the township. The majority of the grid area lies to the west of Wayne Lake.

Access to the grid during the survey period was ideal. Highway 101 runs east from the City of Timmins to the Matheson, 65 kilometers to the east of the City. There is a good gravel road that runs south off of Highway 101 east, just to the west of Perry Lake that allows truck and ATV access to the northeast corner of the grid area. Travelling time from Timmins to the grid is about 2 hours. Figure 2.

CLAIM BLOCK:

The claim number that represent the Arrow Lobe property of St Andrews Goldfields Ltd. is 4283344 and it represents the northeast $\frac{1}{4}$ of the south $\frac{1}{2}$ and the southeast $\frac{1}{4}$ of the north Lot 4, Concession 2 of the Township.

Refer to Figure 3 copied from MNDM Plan Map of Guibord Township for the positioning of the grid and the claim numbers within the Township.

PERSONNEL:

The field crew directly responsible for the collection of all the raw data were as follows:

J. Francoeur	Timmins, Ontario
R. Bradshaw	Timmins, Ontario
S. Duhan	Timmins, Ontario
M. Marchand	Timmins, Ontario
D. Coyne	Timmins, Ontario
D. Porier	Timmins, Ontario

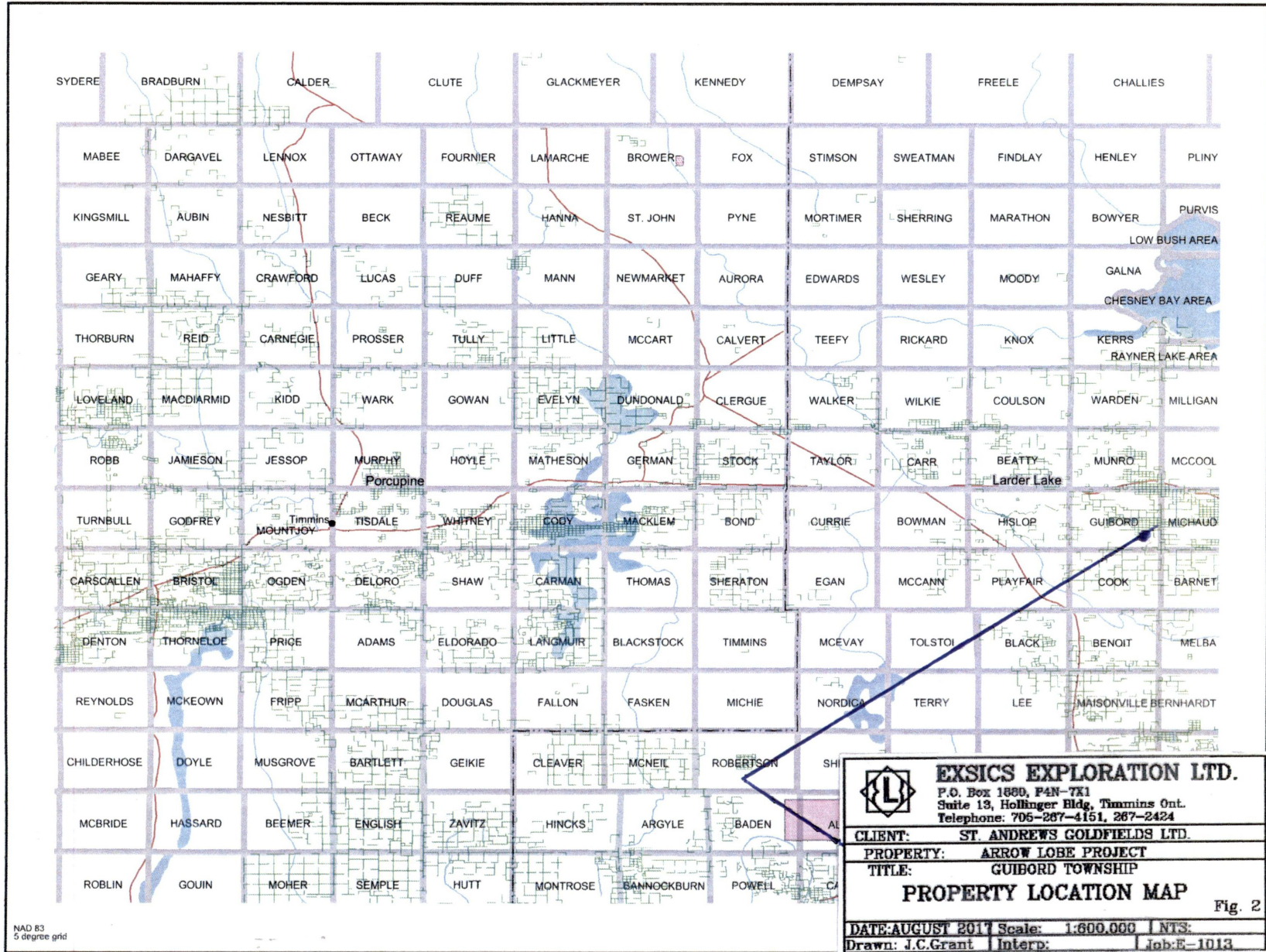
The program was completed under the direct supervision of J. Grant and the plotting and report was completed by J. C. Grant of Exsics.

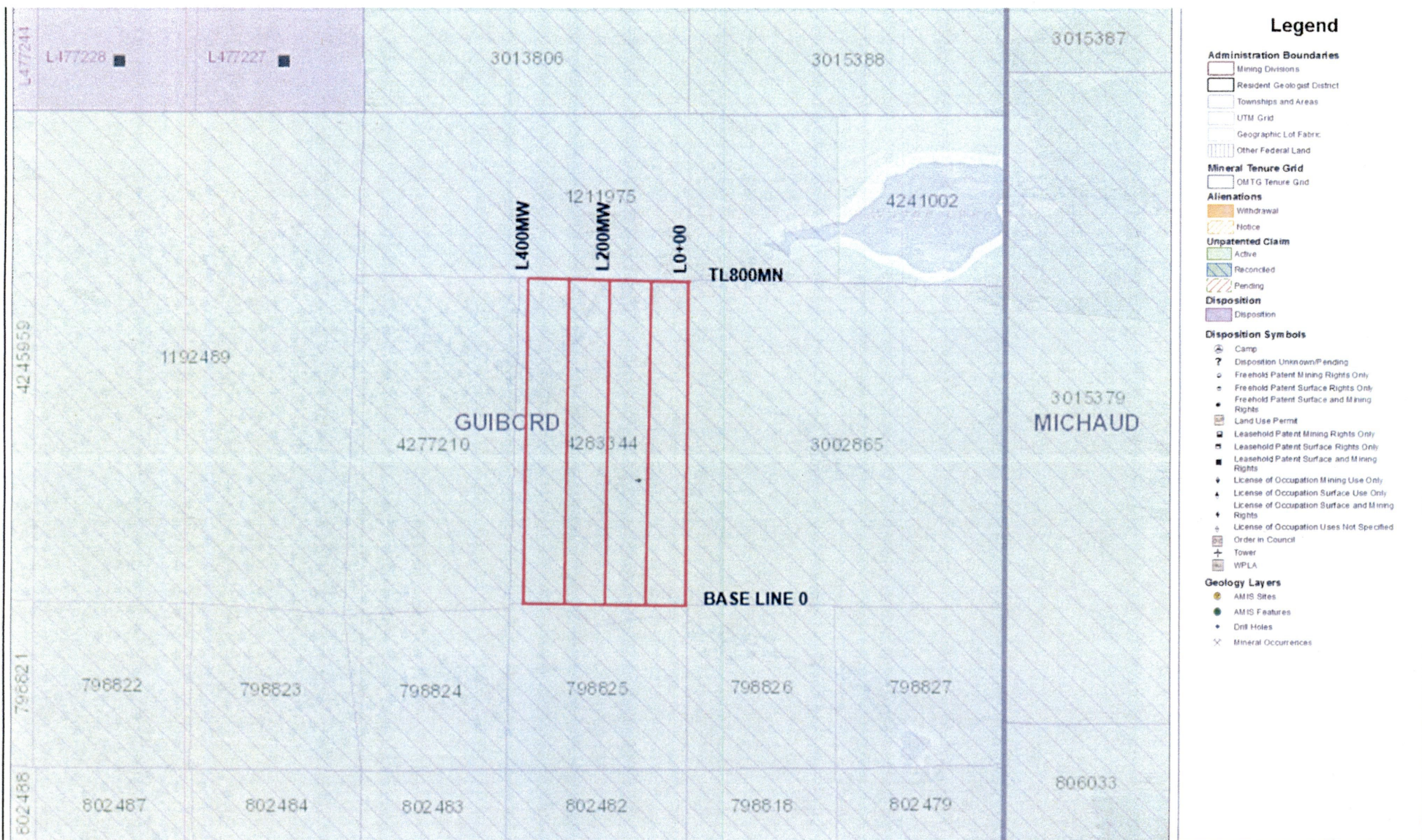


Queen in Right of Canada, Natural Resources Canada.
 Reine du Canada, Ressources naturelles Canada.

EXSICS EXPLORATION LTD. P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151, 267-2424		
CLIENT:	ST. ANDREWS GOLDFIELDS LTD.	
PROPERTY:	ARROW LOBE PROJECT	
TITLE:	GUIBORD TOWNSHIP	
LOCATION MAP		
Date: AUGUST 2017	Scale: NTS	Job: E-1013
Drawn: J.C. Grant	Inter:	

Fig. 1





0 0.67 km

Projection: Web Mercator



EXSICS EXPLORATION LTD.

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

CLIENT: ST. ANDREWS GOLDFIELDS LTD.

PROPERTY: ARROW LOBE PROJECT

TITLE: GUIBORD TOWNSHIP
CLAIM MAP/ GRID MAP

Fig. 3

Date: AUGUST 2017 Scale: 1:60,000 [NTS]
Drawn: J.C. Grant Interp: Job: E-1013

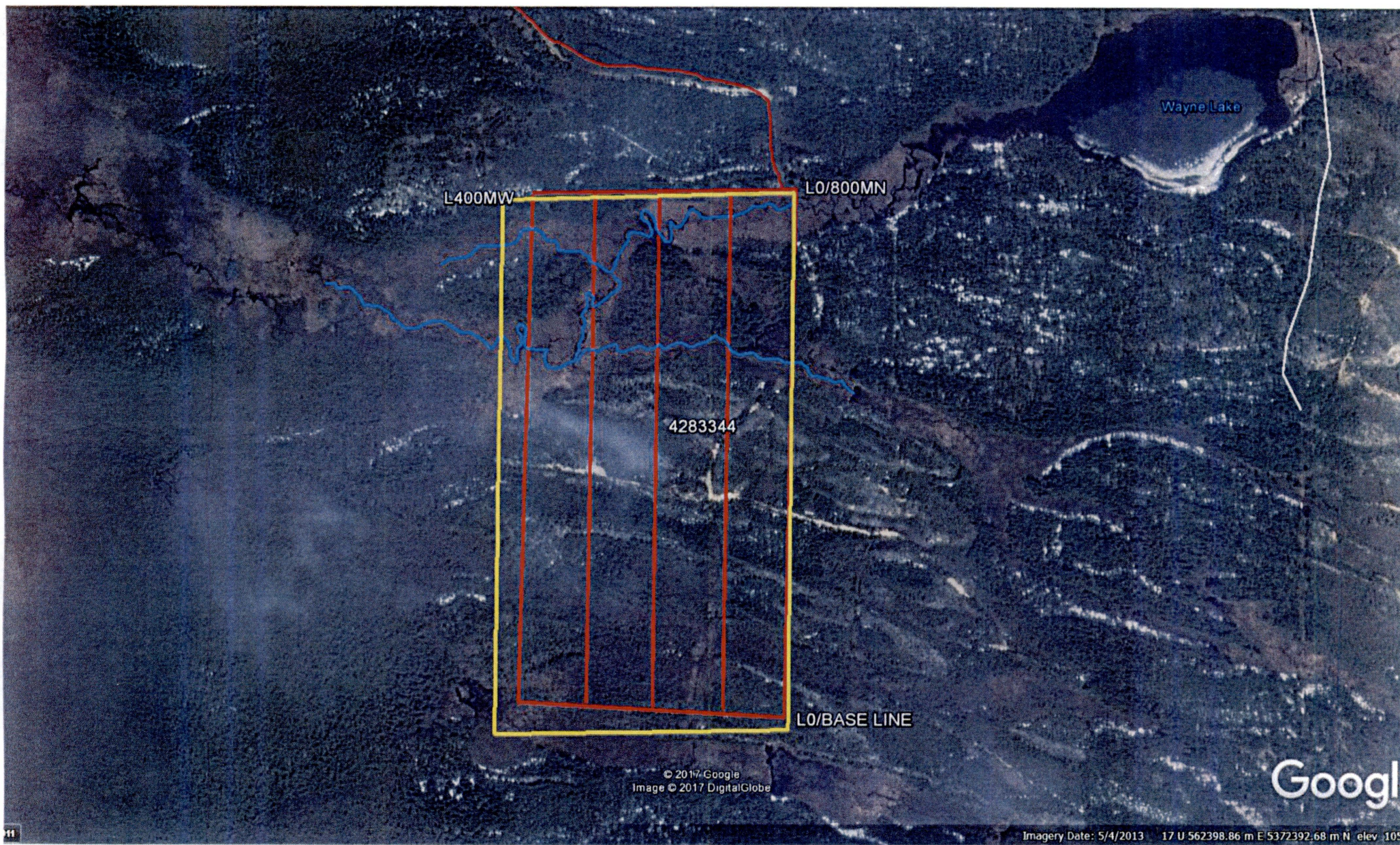


Fig. 3

GROUND PROGRAM:

The ground program consisted of 5 grid lines that were cut 100 meters apart from a tie line cut along the northern boundary of the claim block. All of these lines were then cut and chained with 25 meter stations from the northern boundary to the southern boundary. The lines were labelled 0+00 to and including 400MW and the northern tie line was labelled 800Mn and the southern tie line was called 0+00. In all a total of 4.8 kilometers of grid lines were cut across the claim block.

All of the lines were then covered by a total field magnetic survey and only the cross lines were covered by the IP survey. The magnetic survey was done using the Scintrex Envi Mag System. Specification for the unit can be found as Appendix A of this report. The IP survey was done using the Instrumentation G.D.D. 5000 Kilowatt transmitter and receiver. Specifications for this unit can be found as Appendix B of the report.

In all a total of 4.8 kilometers of grid lines were covered by the magnetic and IP surveys between July 28th and August 2nd 2017.

The following parameters were kept constant throughout the survey period.

Magnetic Surveys:

Line spacing	100 meters
Reading intervals	12.5 meters
Diurnal monitoring	base station recorder
Base record intervals	30 second reading intervals
Reference field	56000 nT
Datum subtracted	55500 nT

The collected and corrected data was then plotted onto a base map at a scale of 1:5000 and then the data was contoured at 50 gamma intervals where ever possible. A copy of this color contoured plan map is included in the back pocket of this report.

IP Surveys:

Line spacing	100 meters
Station spacing	25 meters
IP method	Time domain
IP array	Pole-Dipole
Electrode spacing and number,	6 electrodes, 25 meter spacing
Parameters measured	Chareability in millivolts/volt Resistivity in Ohms/meter

The collected data was then presented in individual line pseudo-sections showing the contoured results of the chargeability and resistivity along with a calculated metal factor. Copies of these sections are included in the back pocket of this report.

MAGNETIC SURVEY RESULTS:

The magnetic was successful in outlining a good magnetic high unit that generally covers the southern section of the grid lines. The high lies between 200MN and 100MN and continues off of the grid in both directions. This magnetic high unit also correlates directly with the results of the IP survey which outlined a well-defined anomaly that lies within the high. The magnetic unit appears to correlate to a narrow band of ultramafics that strike west to northwest across the southeast section of the township. As the magnetic survey progressed northward into the grid it appears to outline the contact between the ultramafic unit and sediments that lie to the immediate north. This contact may lie at about 300 meter north of the grid.

IP SURVEY RESULTS:

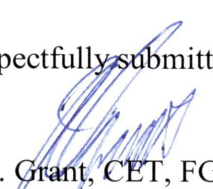
The IP survey was successful in locating and outlining a good conductive trend that lies within and along the northern edge of the main magnetic high unit. The anomaly is represented by a good strong chargeability high that correlates to a resistivity low. The zone lies between 275MN on line 0+00 to 175MN on line 400MW. The zone is open in both directions and appears to plunge to the southwest. The zone is also strengthening at depth.

CONCLUSIONS AND RECOMMENDATIONS:

The ground program was successful in outlining the suspected geology of the grid area. The most predominant structure correlates to a band of ultramafics that lie to the immediate south of a sedimentary unit that strikes west to northwest across the southeast and south central section of the township. It appears to be the same geological unit that hosts the Arrow deposit to the west of the grid area.

A follow up program of diamond drilling and or geochemical surveys should be considered once the area has been mapped. At the time of this program, no obvious outcroppings were noted on the grid area.

Respectfully submitted



J. C. Grant, CET, FGAC
August, 2017.

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 15th 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

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.

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

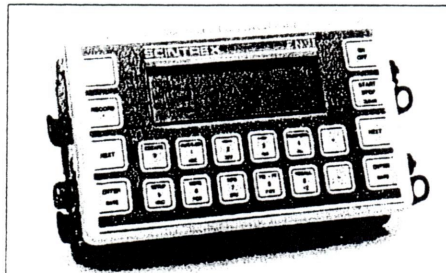
An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

Selectable Sampling Rates

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

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.

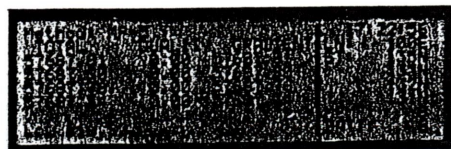
"Datacheck" Quality Control of Data

"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

allows the user to note the magnetic relief (anomaly) on the line.

Large Screen Display

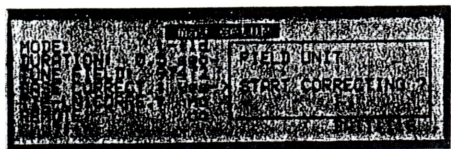
"Super-Twist" 64 x 240 dot (8 lines x 40 characters), LCD graphic screen provides good visibility in all light conditions. A display heater is optionally available for low-temperature operations below 0°C.



Close-up of the ENVI-MAG screen showing data presented after each reading

Interactive Menus

The set-up of ENVI-MAG is menu-driven, and minimizes the operator's learning time, and on-going tasks.



Close-up of display of ENVI-MAG showing interactive set-up menu

Specifications

Total Field Operating Range

20,000 to 100,000 nT (gammas)

Total Field Absolute Accuracy

+/- 1nT

Sensitivity

0.1 nT at 2 second sampling rate

Tuning

Fully solid state. Manual or automatic, keyboard selectable

Cycling (Reading) Rates

0.5, 1 or 2 seconds, up to 9999 seconds for base station applications, keyboard selectable

Gradiometer Option

Includes a second sensor, 20 inch (1/2m) staff extender and processor module

"WALKMAG" Mode

0.5 second for walking surveys, variable rates for hilly terrain

Digital Display

LCD "Super Twist", 240 x 64 dots graphics, 8 line x 40 characters alphanumeric

Display Heater

Thermostatically controlled, for cold weather operations

Keyboard Input

17 keys, dual function, membrane type

Notebook Function

32 characters, 5 user-defined MACRO's for quick entry

Rechargeable Battery and Battery Charger

An "off-the-shelf" lead-acid battery and charger are provided as standard. The low-cost "Camcorder" type battery is available from electronic parts distributors everywhere.

HELP-Line Available

Purchasers of ENVI-MAG are provided with a HELP-Line telephone number to call in the event assistance is needed with an application or instrumentation problem.

ENVIMAP Processing and Mapping Software

Supplied with ENVI-MAG, and custom designed for this purpose, is easy-to-use, very user-friendly, menu driven data processing and mapping software called ENVIMAP. This unique software appears to the user to be a single program, but is in fact a sequence of separate programs, each performing a specific task. Under the menu system, there are separate programs to do the following:

- a) read the ENVI-MAG data and reformat it into a standard compatible with the ENVIMAP software
- b) grid the data into a standard grid format
- c) create a vector file of posted values

with line and baseline identification that allows the user to add some title information and build a suitable surround

- d) contour the gridded data
- e) autoscale the combined results of the posting/surround step and the contouring step to fit on a standard 8.5 ins. wide dot-matrix printer
- f) rasterize and output the results of step e) to the printer

ENVIMAP is designed to be as simple as possible. The user is required to answer a few basic questions asked by ENVIMAP, and then simply toggles "GO" to let ENVIMAP provide default parameters for the making of the contour map. The user can modify certain characteristics of the output plot. ENVIMAP'S menu system is both keyboard and mouse operable. HELP screens are integrated with the menu system so that HELP is displayed whenever the user requests it.

Options Available

- True simultaneous gradiometer upgrade
- Base station upgrade
- Display heater for low temperature operations
- External battery pouch

Standard Memory

Total Field Measurements: 28,000 readings
Gradiometer Measurements: 21,000 readings
Base Station Measurements: 151,000 readings

Expanded Memory

Total Field Measurements: 140,000 readings
Gradiometer Measurements: 109,000 readings
Base Station Measurements: 750,000 readings

Real-Time Clock

Records full date, hours, minutes and seconds with 1 second resolution, +/- 1 second stability over 12 hours

Digital Data Output

RS-232C interface, 600 to 57,600 Baud, 7 or 8 data bits, 1 start, 1 stop bit, no parity format. Selectable carriage return delay (0-999 ms) to accommodate slow peripherals. Handshaking is done by X-on/X-off

Analog Output

0 - 999 mV full scale output voltage with keyboard selectable range of 1, 10, 100, 1,000 or 10,000 nT full scale

Power Supply

Rechargeable "Camcorder" type, 2.3 Ah, Lead-acid battery.

12 Volts at 0.65 Amp for magnetometer, 1.2 Amp for gradiometer,

External 12 Volt input for base station operations

Optional external battery pouch for cold weather operations

Battery Charger

110 Volt - 230 Volt, 50/60 Hz

Operating Temperature Range

Standard 0° to 60°C
Optional -40°C to 60°C

Dimensions

Console - 10 x 6 x 2.25 inches
(250 mm x 152 mm x 55 mm)

T.F. sensor - 2.75 inches dia. x 7 inches
(70 mm x 175 mm)

Grad. sensor and staff extender - 2.75 inches dia. x 26.5 inches (70 mm x 675 mm)

T.F. staff - 1 inch dia. x 76 inches (25 mm x 2 m)

Weight

Console - 5.4 lbs (2.45 kg)
with rechargeable battery

T. F. sensor - 2.2 lbs (1.15 kg)

Grad. sensor - 2.5 lbs (1.15 kg)

Staff - 1.75 lbs (0.8 kg)



Head Office

222 Snidercroft Road
Concord, Ontario, Canada L4K 1B5
Telephone: (905) 669-2280
Fax: (905) 669-6403 or 669-5132
Telex: 06-964570

In the USA:

Scintrex Inc.
85 River Rock Drive
Unit 202
Buffalo, NY 14207
Telephone: (716) 298-1219
Fax: (716) 298-1317

APPENDIX B

SPECIFICATIONS

Number of channels: 8, expandable to 16, 24 or 32

Survey capabilities: Resistivity and Time domain IP

Twenty chargeability windows: Arithmetic, logarithmic, semi-logarithmic, IPR-12 and user defined

Synchronization: Automatic re-synchronization process on primary voltage signal

Noise reduction: Automatic stacking number

Computation: Apparent resistivity, chargeability, standard deviation, and % of symmetrical Vp

Size: 41 X 33 X 18 cm (16 X 13 X 7 in)

Weight (32 channels): 8.9 kg (19.6 lb)

Enclosure: Heavy-duty Pelican case, environmentally sealed

Serial ports: RS-232 and Bluetooth to communicate with a PDA

Temperature range: -45 to +60°C (-49 to +140°F)

Humidity range: Waterproof

POWER

Power: -12 V rechargeable batteries.

-Standard plug for external battery.



↑ Components included with
GDD IP Receiver GRx8-32

A	1x	Not shown but included: Receiver
B	1x	Not shown but included: Transportation box
C	1x	GRx8-32 IP receiver wall charger (120-240V)
D		Red cable banana/alligator (8 ch/10x, 16 ch/19x, 24 ch/28x, 32 ch/37x)
E	2x	Black cable banana/alligator
F	1x	Allegro Cx field computer
G	1x	Allegro Cx wall charger (120-240V)
H	1x	Serial communication cable 9 pos. D-SUB female - 9 pos. D-SUB female
I	2x	Serial communication cable 9 pos. D-SUB female - 5 pos. Amphenol male
K	1x	Allegro Cx shoulder strap

L	1x	Allegro Cx hand strap
M	2x	Allegro Cx NIMH battery pack 3000mAh 3.6V
N	1x	Allegro Cx external NIMH 3000mAh 3.6V battery charger (120-240V)
O	1x	Allegro Cx utility CD
P	1x	Allegro Cx AA alkaline battery holder
Q	1x	Charger with 4 AA 2400mAh 1.2V NIMH batteries
R	1x	Allegro Cx USB power dock
S	1x	Allegro Cx USB cable for USB power dock
T	tx	Not shown but included: Instruction manual (Receiver)
U	tx	Not shown but included: Instruction manual (Allegro Cx mobile PDA)

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.



PDA included with GRx8-32

Standard Juniper - Allegro CX mobile PDA computer provided with the GDD receiver with all accessories.

Operating system: Windows CE

Comes with Bluetooth and RS-232

ELECTRICAL CHARACTERISTICS

Ground Resistance: Up to 1.5 MΩ

Signal waveform: Time domain (ON+, OFF, ON-, OFF)

Time base: 0.5, 1, 2, 4 and 8 seconds

Input impedance: 10⁴ GΩ

Primary voltage: ±10 uV to ±15 V for any channel

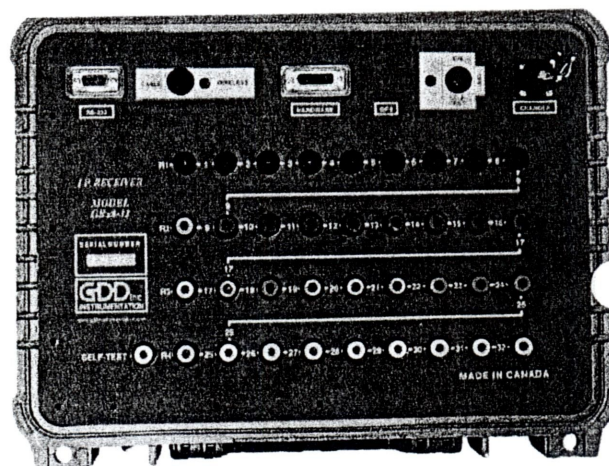
Input: True differential for common-mode rejection in dipole configuration

Voltage measurement: Resolution 1 μV

SP offset adjustment: ± 5 V, automatic compensation through linear drift correction per steps of 150 μV

Filter: Eight-pole Bessel low-pass 15 Hz, notch filter 50 Hz and 60 Hz

32 channels GDD GRx8-32 IP Receiver



8 Channels →

+8 = 16 Ch. →

+8 = 24 Ch. →

+8 = 32 Ch. →

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).

OTHER COSTS

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

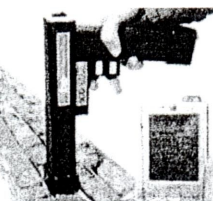
PAYMENT

Checks, credit cards, bank transfer, etc.



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
Web Site: www.gddinstrumentation.com

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

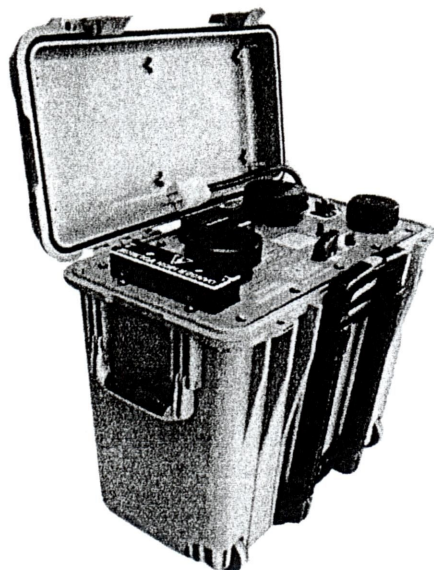


Canadian Manufacturer of Geophysical Instrumentation since 1976
Sales, Rental, Customer Service, R&D and Field training

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.

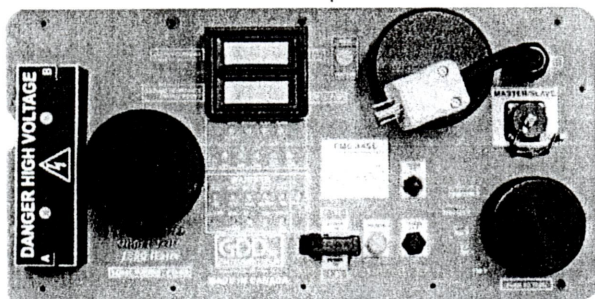
- Protection against short circuits even at zero (0) ohm
- Output voltage range: 150 V – 2400 V / 14 steps
- Power source: 120 V – Optional: 220 V, 50 / 60 Hz
- Displays electrode contact, transmitting power and current
- One-year warranty on parts and labour

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.

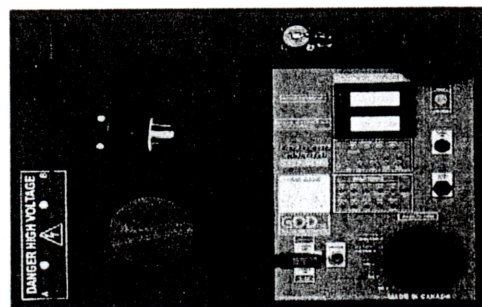
Its high power combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- 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 ± 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 Pelican
- 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

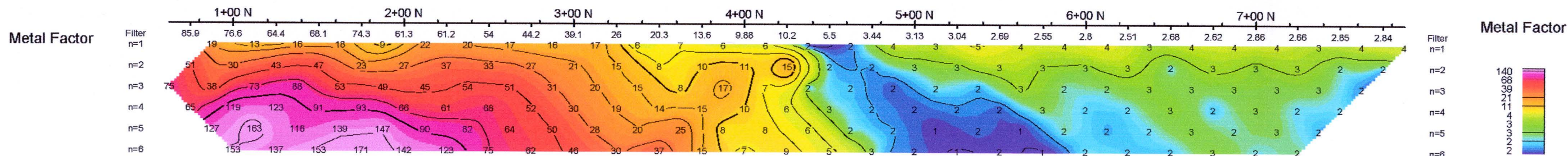
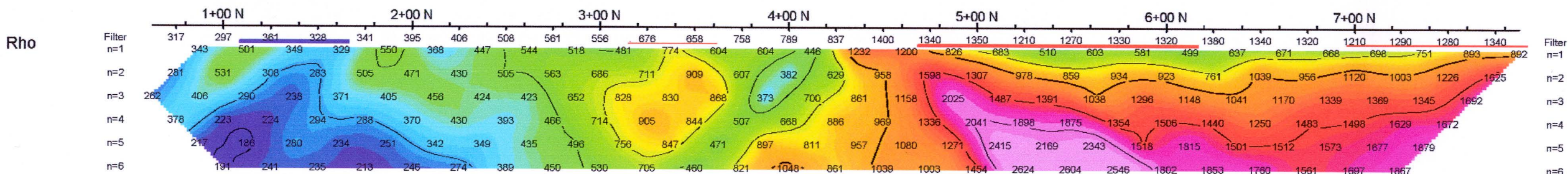
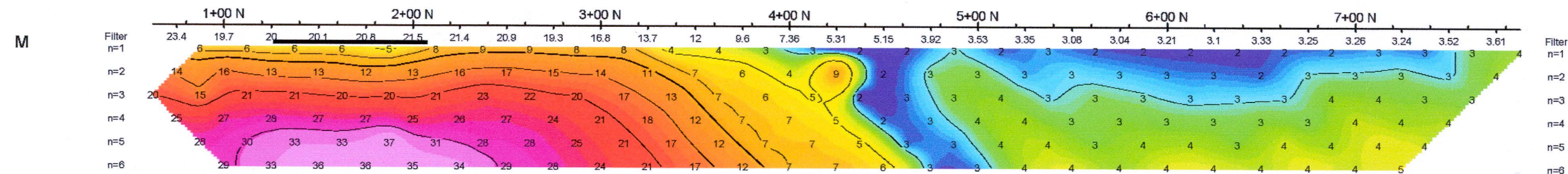
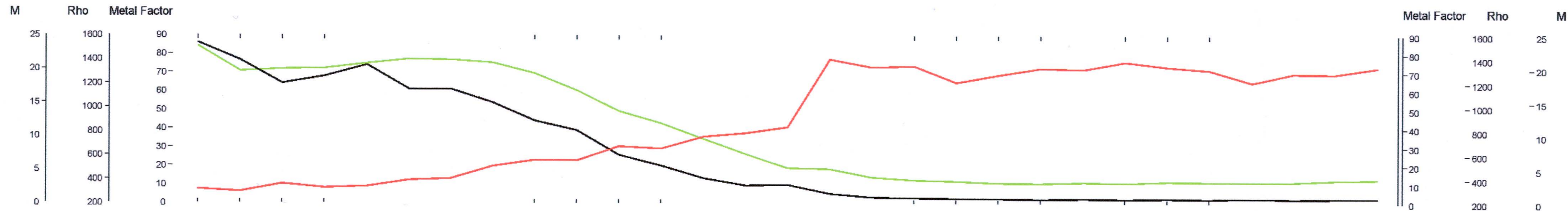
SERVICE

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).

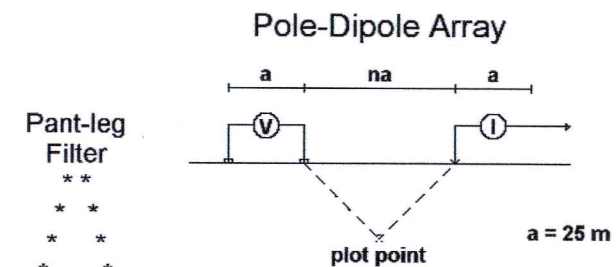


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Specifications are subject to change without notice
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Pseudo Section Plot LINE 0+00MW

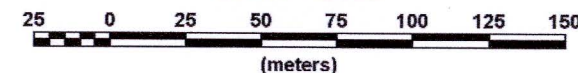


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

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 1:2500

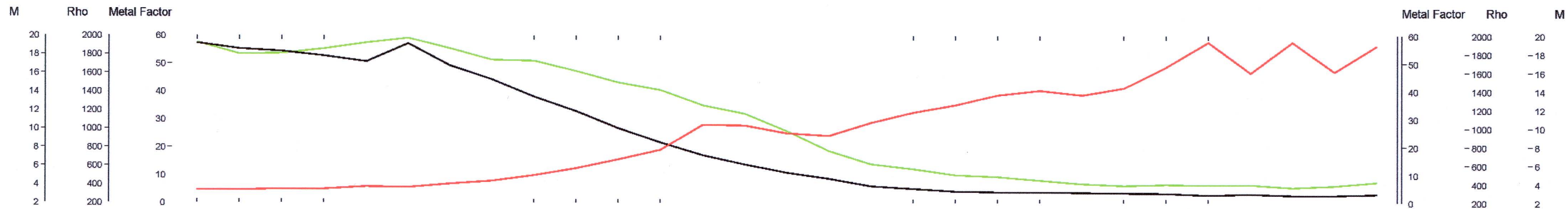


ST. ANDREWS GOLDFIELDS

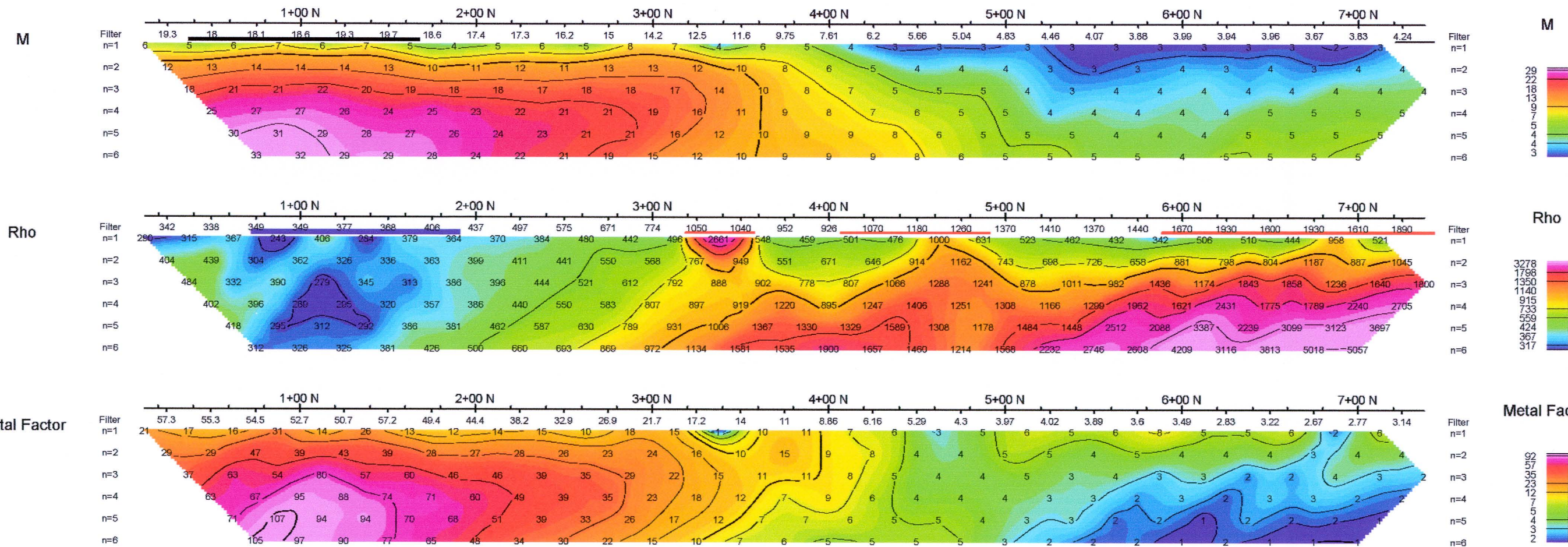
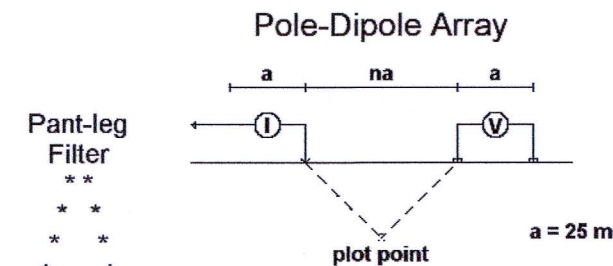
INDUCED POLARIZATION SURVEY
ARROW LOBE PROJECT
LINE 0+00MW

Date: 11/08/2017
Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED



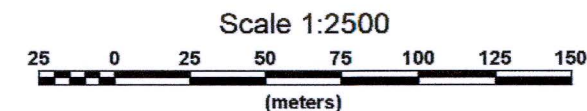
Pseudo Section Plot LINE 100MW



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.

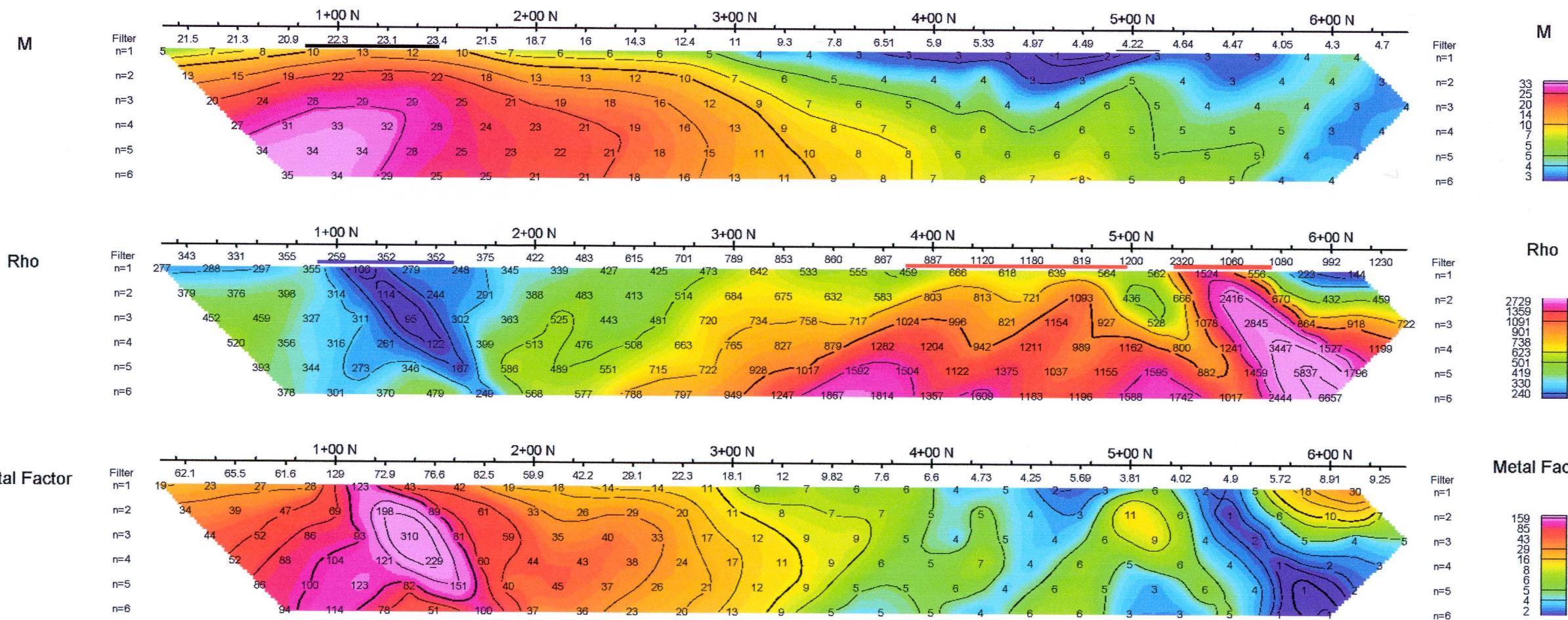
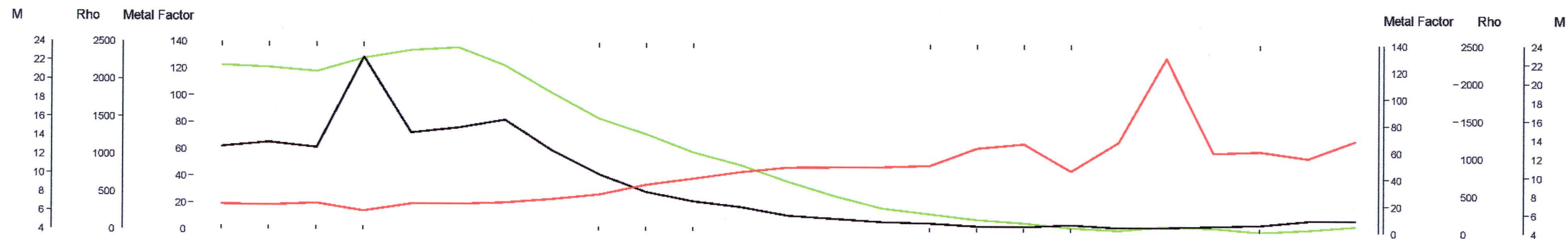


ST. ANDREWS GOLDFIELDS

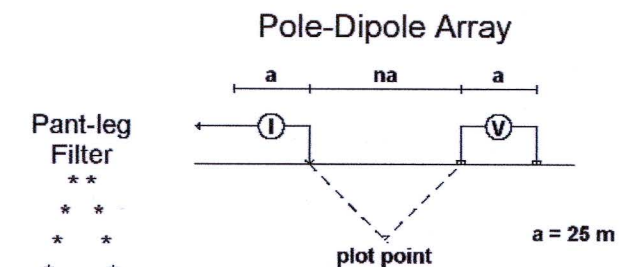
INDUCED POLARIZATION SURVEY
ARROW LOBE PROJECT
LINE 100MW

Date: 11/08/2017
Interpretation: J.C.GRANT

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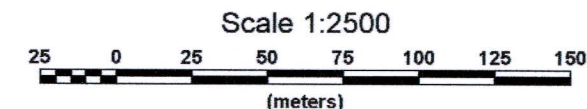
Pseudo Section Plot LINE 200MW



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

INTERPRETATION

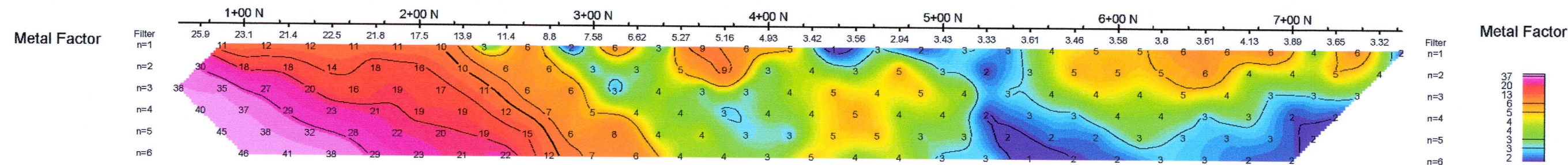
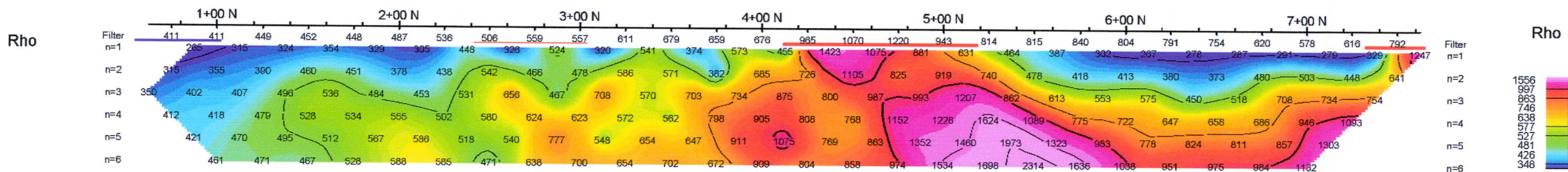
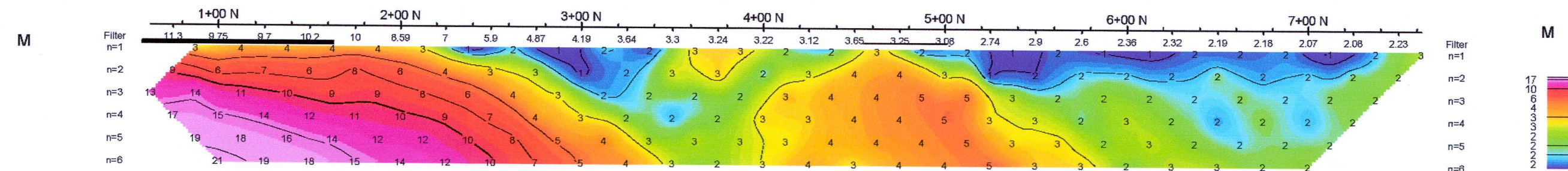
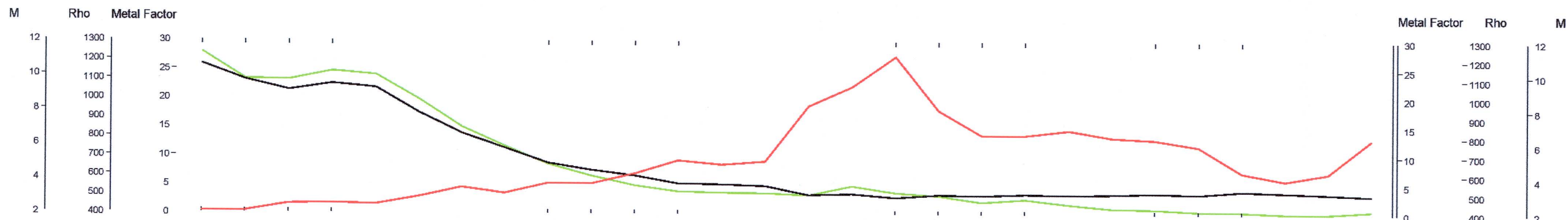
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



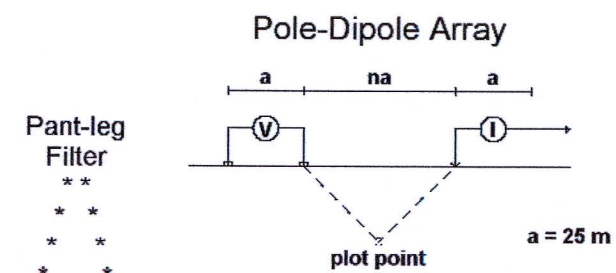
ST. ANDREWS GOLDFIELDS
INDUCED POLARIZATION SURVEY
ARROW LOBE PROJECT
LINE 200MW

Date: 11/08/2017
 Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED



Pseudo Section Plot LINE 300MW

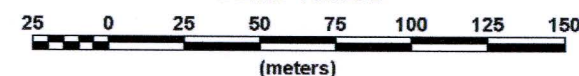


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

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.

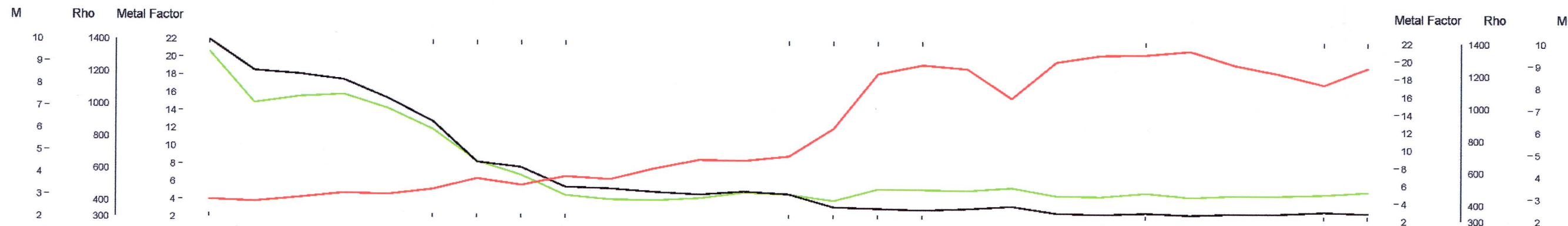
Scale 1:2500



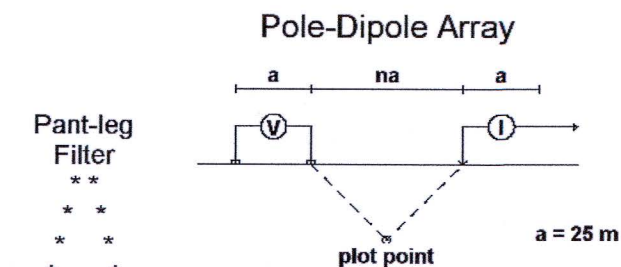
ST. ANDREWS GOLDFIELDS
INDUCED POLARIZATION SURVEY
ARROW LOBE PROJECT
LINE 300MW

Date: 11/08/2017
 Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED



Pseudo Section Plot LINE 400MW

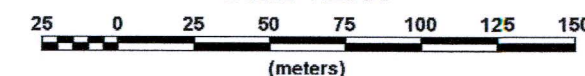


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

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 1:2500



ST. ANDREWS GOLDFIELDS

INDUCED POLARIZATION SURVEY
ARROW LOBE PROJECT
LINE 400MW

Date: 14/08/2017
Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED

