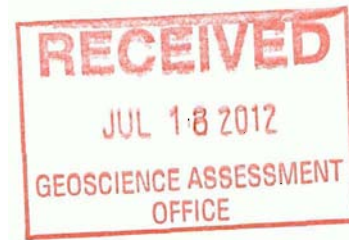


GEOPHYSICAL REPORT
FOR
6070205 CANADA INC.
ON THE
CARR PROPERTY
CLAIMS 4245488, 4245471, 4245487, 4245467
CARR TOWNSHIP
LARDER LAKE MINING DIVISION
NORTHEASTERN, ONTARIO



2-52378



Prepared by: J. C. Grant,
July 2012

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INTRODUCTION:

The services of Exsics Exploration Limited were retained by Mr. Bonhomme, on behalf of the Company, 6070205 Canada Inc., to complete a VLF-EM survey as well as two lines of Induced Polarization, (IP), surveys over three claim blocks that were done on a portion of their claim holdings in Carr Township of the Larder Lake mining Division in Northeastern Ontario.

The grid cutting was completed by an independent line cutting contractor. Once the cutting was completed the VLF-EM survey was then completed on claim 424548, with one line of IP being completed on claim 4245471 and 4245487. The surveys were completed by Exsics Exploration Limited.

PROPERTY LOCATION AND ACCESS:

The Carr Property is situated approximately 7 kilometers north of the Town of Matheson which is about 65 kilometers east of the City of Timmins. The four claim blocks are situated in the central north section of Carr Township with the Black River lying about 3.2 kilometers to the west of the grids. Carr Township is part of the Larder Lake Mining Division in Northeastern, Ontario. Refer to Figures 1 and 2 of this report.

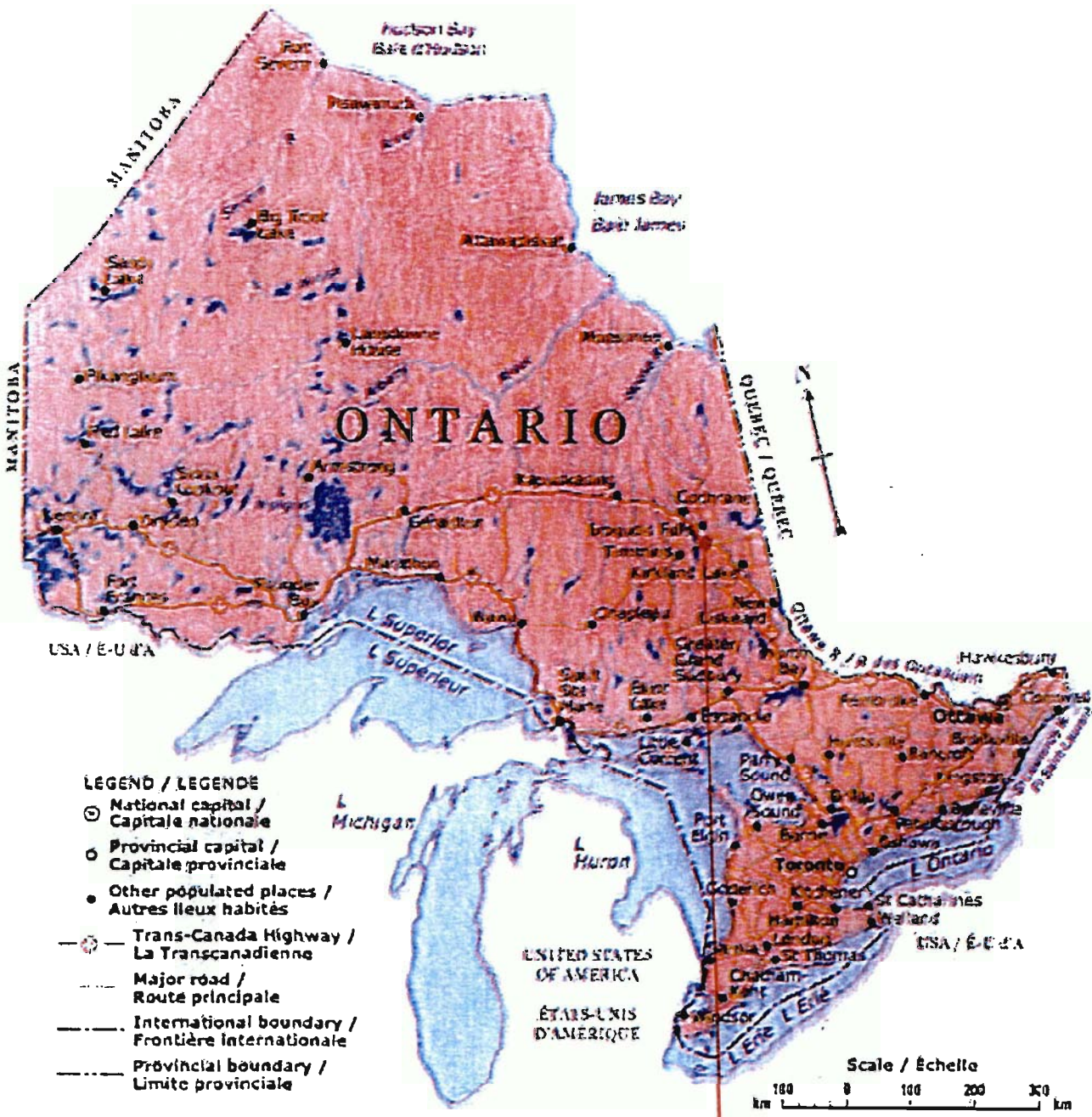
Access to the grid during the survey period was ideal. Highway 101 travels east from Timmins to Matheson. It then continues east through the Town and cuts across the Black River. There is a good gravel road that runs north off of the highway just after the Black River that represents the lot line between Lots 4 and 5 and it continues across the entire township. Two secondary roads run west off of this gravel road that provided good access to the southern grid and also represents the north boundary of the two northern grids. Traveling time from Timmins to the grids is about 70 minutes.

CLAIM BLOCK:

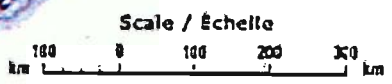
The claim numbers that were covered by the present geophysical survey are as follows:


4245471	2 units, N1/2 of the N1/2 Lot 6, Conc. 5
4245488	2 units, E1/2 of the N1/2 Lot 6, Conc. 4
4245487	8 units, N1/2 of Lot 9, Conc. 5
4245467	4 units, S1/2 of Lot 9, Conc. 5

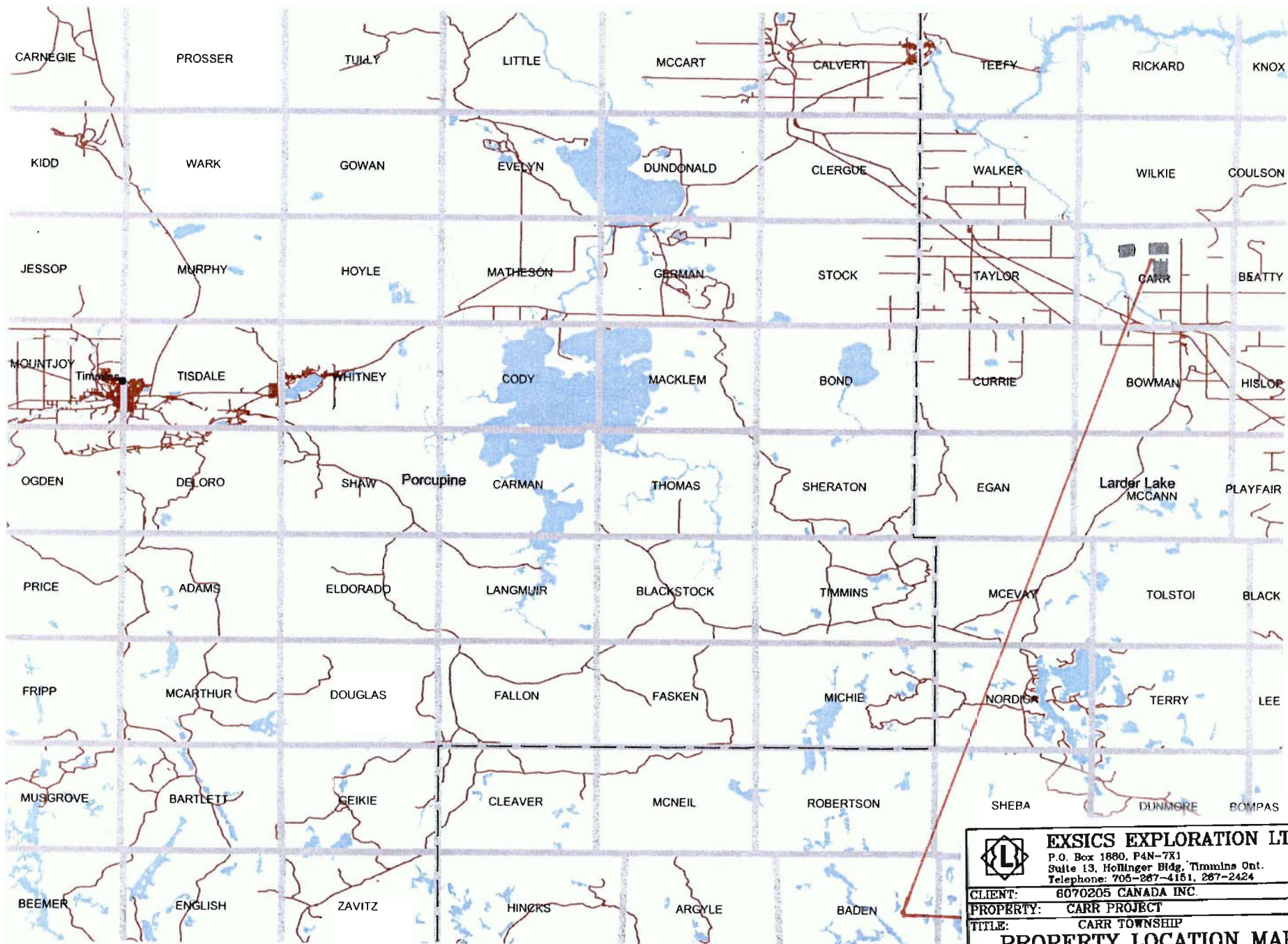
Refer to Figure 3 copied from MNDM Plan Map G-3613 of Carr Township for the positioning of the grid line and the claim numbers within the Township.



- LEGEND / LEGENDE**
- ⊙ National capital / Capitale nationale
 - Provincial capital / Capitale provinciale
 - Other populated places / Autres lieux habités
 - Trans-Canada Highway / La Transcanadienne
 - Major road / Route principale
 - International boundary / Frontière internationale
 - Provincial boundary / Limite provinciale

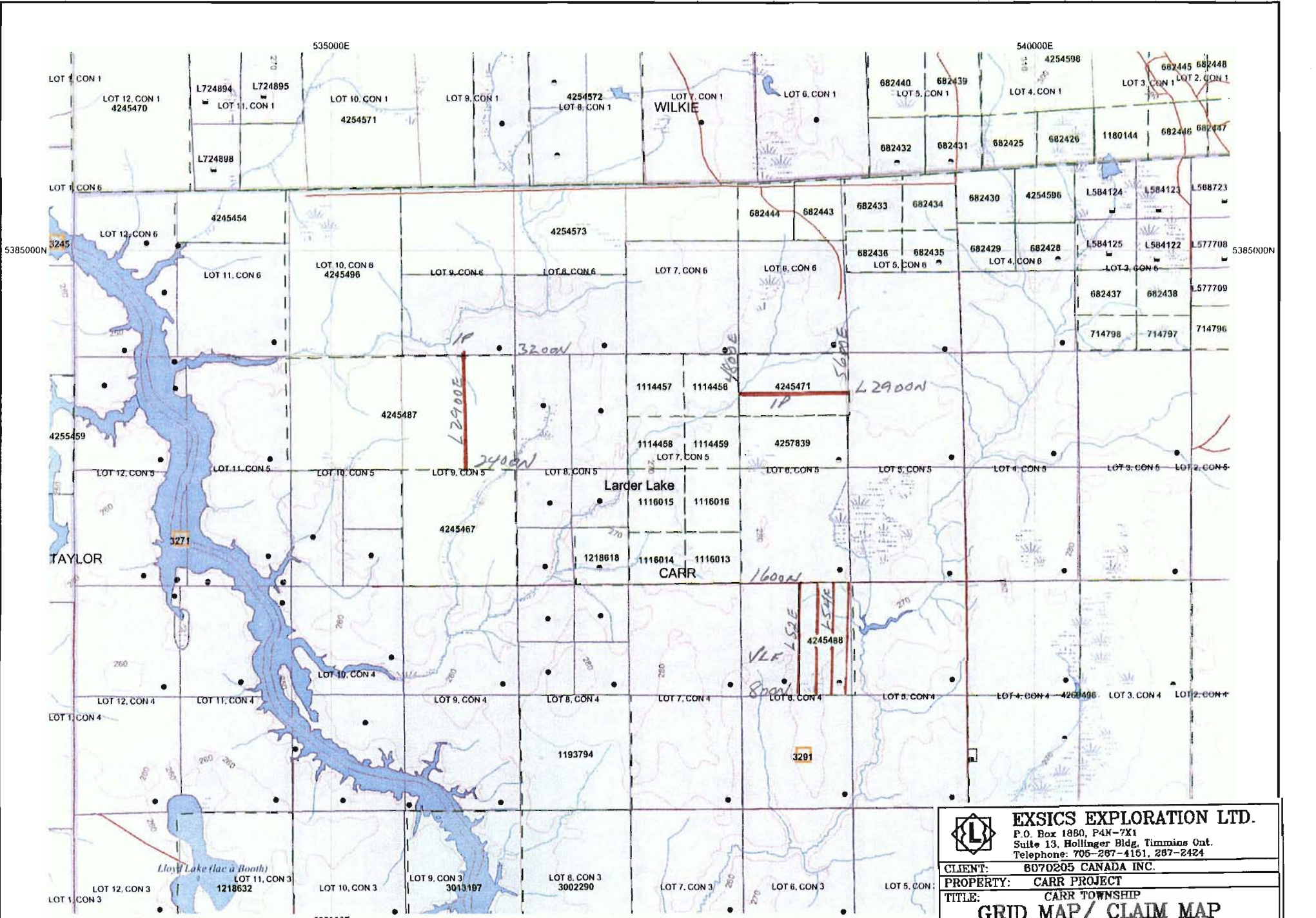



 EXSICS EXPLORATION LTD. P.O. Box 1680, F4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 706-267-4151, 267-2424		
PROPERTY: CARR PROJECT		
TITLE: CARR TOWNSHIP		
LOCATION MAP		
Fig. 1		
Date: JULY/12	Scale: 1:800,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-825



	EXSICS EXPLORATION LTD.		
	P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg. Timmins Ont. Telephone: 705-267-4151, 267-2424		
CLIENT:	8070205 CANADA INC.		
PROPERTY:	CARR PROJECT		
TITLE:	CARR TOWNSHIP		
PROPERTY LOCATION MAP			
Fig. 2			
Date: JULY/12	Scale: 1:100,000	NTS:	
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-825	

NAD 83
5 degree grid



 EXSICS EXPLORATION LTD. P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-287-4151, 287-2424		
CLIENT: 8070205 CANADA INC.		
PROPERTY: CARR PROJECT		
TITLE: CARR TOWNSHIP		
GRID MAP / CLAIM MAP		
Fig. 3		
Date: JULY/12	Scale: 1:40,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No: E-826

UTM Zone 17
5000m grid

PERSONNEL:

The field crew directly responsible for the collection of all the raw data were:
VLF-EM Crew:

R. Bradshaw	Timmins, Ontario
J. Hamlin	Timmins, Ontario
IP Crew:	
J. Francoeur	Timmins, Ontario
D. Poirier	Timmins, Ontario
J. Harrold	Timmins, Ontario
D. J. Gibson	Timmins, Ontario
G. Marsh	Timmins, Ontario

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

GROUND PROGRAM:

The ground program was completed in two phases. The first phase was to compass pace and flag a grid across the claim 4245488. This claim was covered by 4 grid lines spaced 100 meters apart that were compassed paced and flagged from 1600MN which is the north boundary of the claim to 800MN which represents the south boundary. All of the lines were chained with 25 meter stations. In all a total of 3.8 kilometers of grid lines were completed over the grid. This grid was then covered by a VLF-EM survey.

Claim 4245471 was covered by 1 cut line, Line 2900MN that was cut from 4800ME, the western boundary, to 5600ME, the eastern boundary of the claim block. This line was then covered by an IP survey. Claim 4245487 was also covered by one line that was cut from 3200MN, the northern boundary to 2400MN, the southern boundary of the claim and then it too was covered by the IP survey. Both lines were cut 800 meters. The entire program was completed between July 1st and the 12th.

The VLF-EM survey was done using the Scintrex ENVI mag system. Specifications for this unit can be found as Appendix A of this report. The following parameters were kept constant throughout the survey.

VLF-EM SURVEYS:

Line spacing	100 meters
Station spacing	25 meters
Reading intervals	12.5 meters
VLF-EM transmitter	Cutler, Maine, 24.0Khz
Parameters measured	Inphase and quadrature components of the secondary field as well As the field strength of the transmitting station and the tilt of the Transmitting field.
Parameters profiled	Inphase component of the secondary field.

Once the surveys were completed the collected VLF data for claim 4245488 was profiled at 1cm= \pm 10 %. And copies of this profiled map is also included in the back pocket of this report. In all a total of 3.2 kilometers of grid lines were surveyed across the claim between July 10th and 11th 2012 .

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

IP Method	Time domain
IP array	Pole-Dipole
Electrode spacing	25 meters
Number of electrodes	6 stainless steel rods
Parameters measured	Chargeability in millivolts/volt Resistivity in ohms/meter

Once the survey was completed the data was then plotted onto individual line pseudo-sections, one section for each line that was surveyed and then contoured and interpreted for conductor axis. Copies of these line sections are included in the back pocket of this report.

VLF-EM SURVEY RESULTS, CLAIM 4245488:

The VLF-EM survey did not return any significant conductive zones. There re several weak structures striking northwest to southeast across the claim block but none appear to relate to bedrock zones.

IP SURVEY RESULTS, CLAIM 4245471:

The IP survey outlined two weak and deep zones across the grid line. The first zone lies between 5250ME and 5350ME and correlates to a deep weak zone with a modest resistivity high association. The second zone is a weak and deep zone lying between 4925ME and 5000ME with a correlating resistivity high. The survey may also suggest that the overburden is thicker as you progress to the east.

IP SURVEY RESULTS, CLAIM 4245487:

The IP survey again outlined three weak zones across the survey line. The first lies at the northern end of the line and it correlates to a resistivity low and appears to be getting stronger with depth. This zone is open to the north.

The second zone is a weak deep zone between 2869MN and 2925MN that correlates to the northern end of a broad resistivity high.

The final zone is a better looking but albeit still weak zone between 2700MN and 2825MN that correlates to a deep resistivity high. This zone also appears to be getting stronger at depth.

CONCLUSIONS AND RECOMMENDATIONS:

The ground program of IP outlined several weak and deep rooted zones on claims 4245487 and 4245471. Further survey coverage would be needed to better define the zones and their depth extents. A follow up IP survey using more electrodes to get better depth penetrations should be considered in any follow up survey program.

The VLF-EM survey was not as successful in outlining nay significant conductive zones on claim 4245488. The follow up IP program suggest above should also be considered for this claim to test the validity of the weak EM zones note by the VLF survey.

Respectfully submitted

A handwritten signature in blue ink, appearing to read "J. C. Grant", is placed over a light green rectangular background.

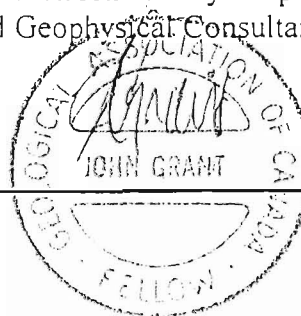
J. C. Grant
July 2012

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

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.

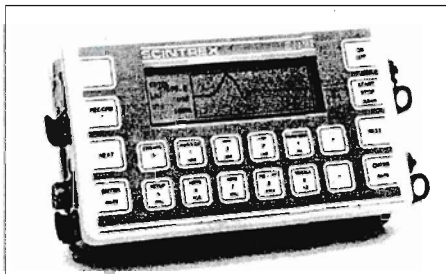


ENVI-MAG Proton Magnetometer in operation

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.

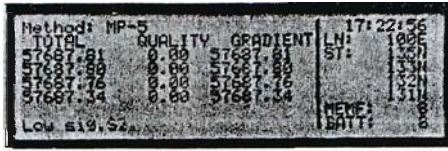
"Datacheck" Quality Control of Data

"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

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

Large Screen Display

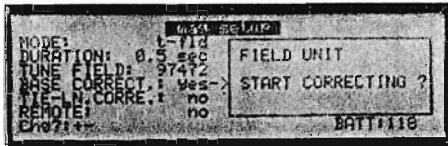
"Super-Twist" 64 x 240 dot (8 lines x 40 characters), LCD graphic screen provides good visibility in all light conditions. A display heater is optionally available for low-temperature operations below 0°C.



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

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:

- read the ENVI-MAG data and reformat it into a standard compatible with the ENVIMAP software
- grid the data into a standard grid format
- 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

- contour the gridded data
- 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
- 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

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

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)

The logo for SCINTREX, featuring the word "SCINTREX" in a bold, stylized, sans-serif font with a horizontal line through the middle of the letters.

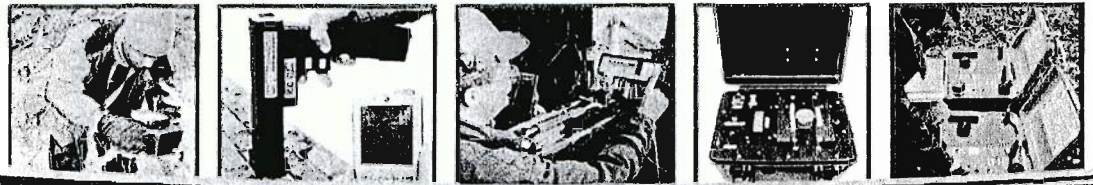
Head Office

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:

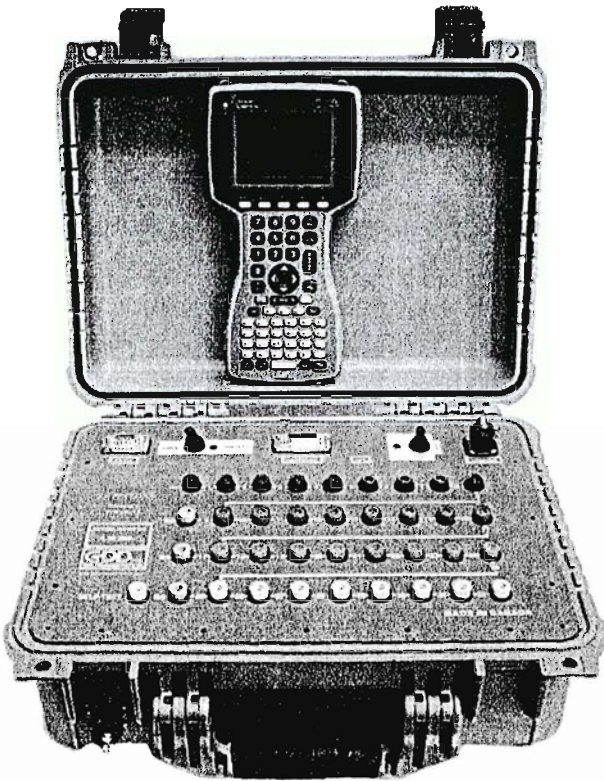
Scintrex Inc.
85 River Rock Drive
Unit 202
Buffalo, NY 14207
Telephone: (716) 298-1219
Fax: (716) 298-1317

APPENDIX B



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 (10^8)
- 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.

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



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

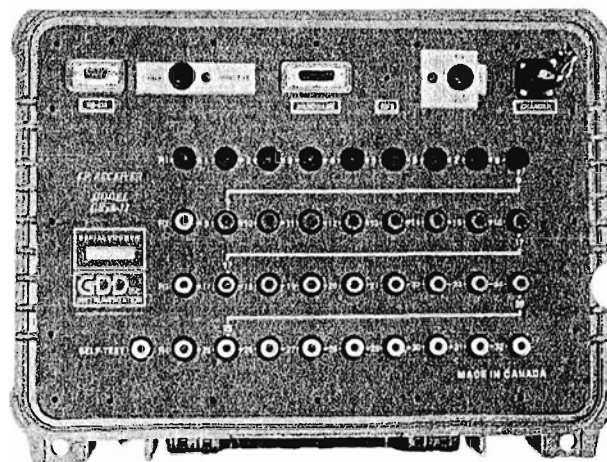
POWER

- Power:** -12 V rechargeable batteries.
- Standard plug for external battery.



Components included with GDD IP Receiver GRx8-32

32 channels GDD GRx8-32 IP Receiver



- 8 Channels →
- +8 = 16 Ch. →
- +8 = 24 Ch. →
- +8 = 32 Ch. →

A	1x	Not shown but included: Receiver	L	1x	Allegro Cx hand strap
B	1x	Not shown but included: Transportation box	M	2x	Allegro Cx NIMH battery pack 3000mAh 3.6V
C	1x	GRx8-32 IP receiver wall charger (120-240V)	N	1x	Allegro Cx external NIMH 3000mAh 3.6V battery charger (120-240V)
D		Red cable banana/alligator (8 ch/10x, 16 ch/19x, 24 ch/28x, 32 ch/37x)	O	1x	Allegro Cx utility CD
E	2x	Black cable banana/alligator	P	1x	Allegro Cx AA alkaline battery holder
F	1x	Allegro Cx field computer	Q	1x	Charger with 4 AA 2400mAh 1.2V NIMH batteries
G	1x	Allegro Cx wall charger (120-240V)	R	1x	Allegro Cx USB power dock
H	1x	Serial communication cable 9 pos. D-SUB female - 9 pos. D-SUB female	S	1x	Allegro Cx USB cable for USB power dock
I	2x	Serial communication cable 9 pos. D-SUB female - 5 pos. Amphenol male	T	1x	Not shown but included: Instruction manual (Receiver)
K	1x	Allegro Cx shoulder strap	U	1x	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.

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.

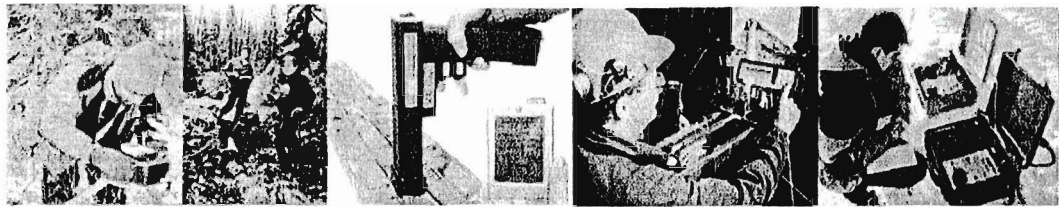
PAYMENT

Checks, credit cards, bank transfer, etc.



3700, boul. de la Chaudière, suite 200
 Québec (Québec), Canada G1X 4B7
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 E-Mail: gdd@gddinstrumentation.com
 Web Site: www.gddinstrumentation.com

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

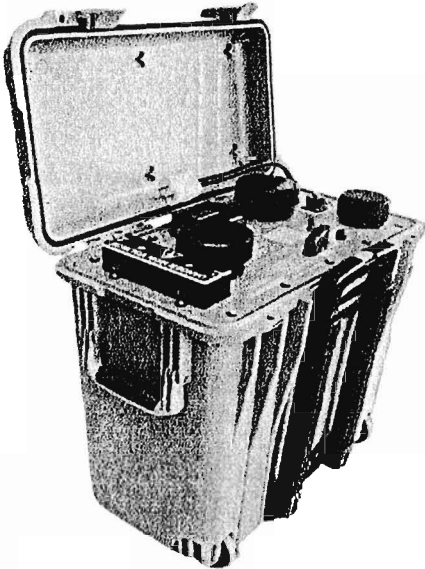


Canadian Manufacturer of Geophysical Instrumentation since 1976
 Sales, Rental, Customer Service, R&D and Field training

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.

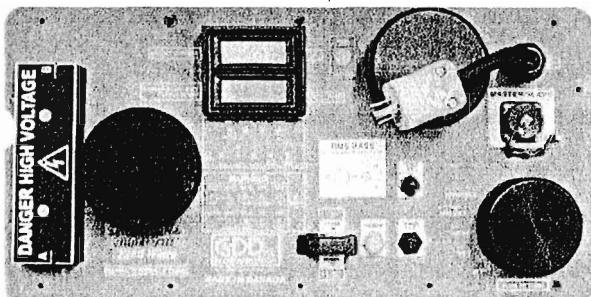
- Protection against short circuits even at zero (0) ohm
- Output voltage range: 150 V – 2400 V / 14 steps
- Power source: 120 V – Optional: 220 V, 50 / 60 Hz
- Displays electrode contact, transmitting power and current
- One-year warranty on parts and labour

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.

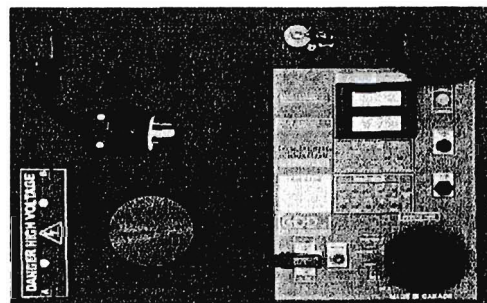
Its high power combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- 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

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

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

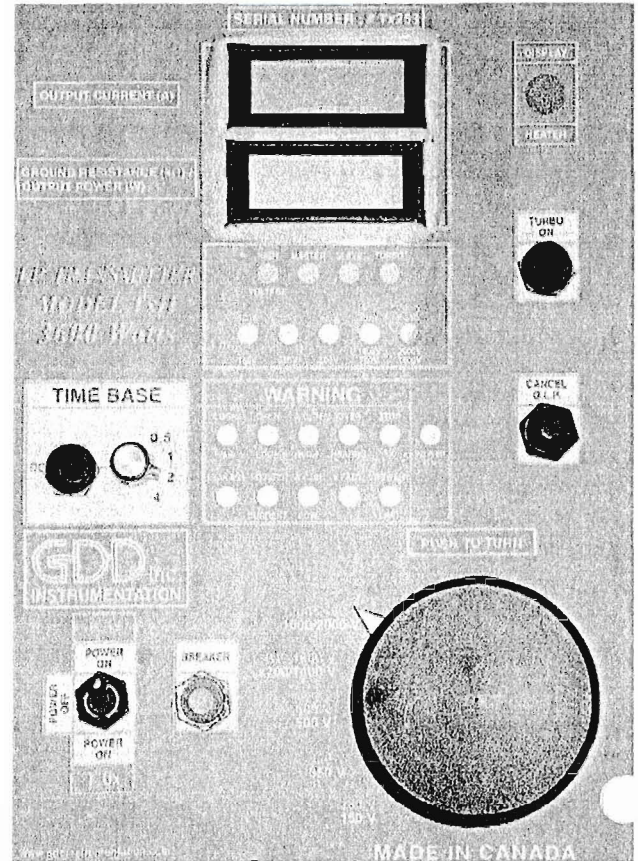
TxII-1800W and TxII-3600W

- 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

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

DESCRIPTION

TxII-1800W

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

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

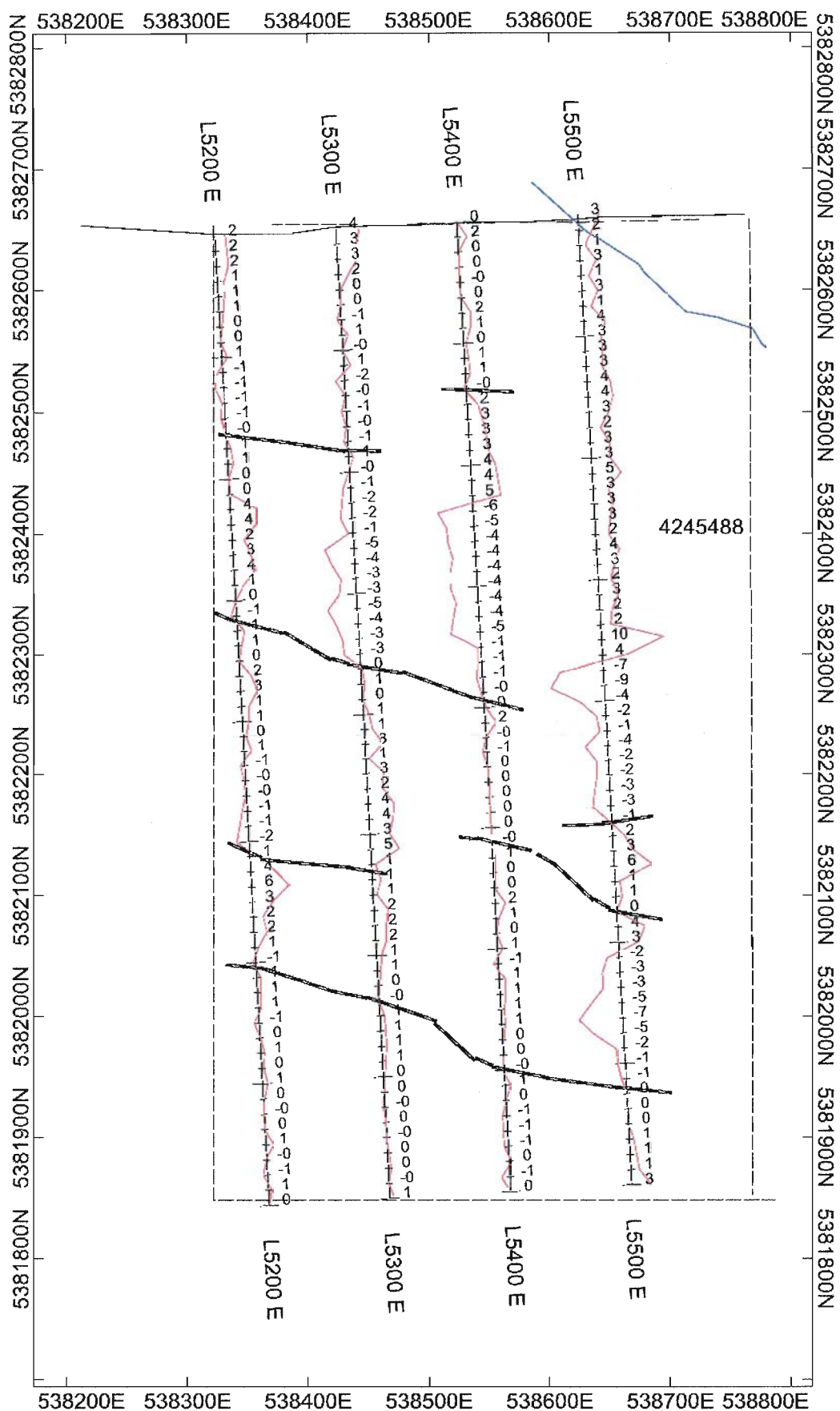
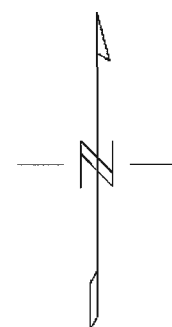
SERVICE

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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E-Mail: gdd@gddinstrumentation.com
Web Site: www.gddinstrumentation.com

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Printed in Quebec, Canada, 2008



Scale 1:5000

50 0 50 100 150 200

(meters)

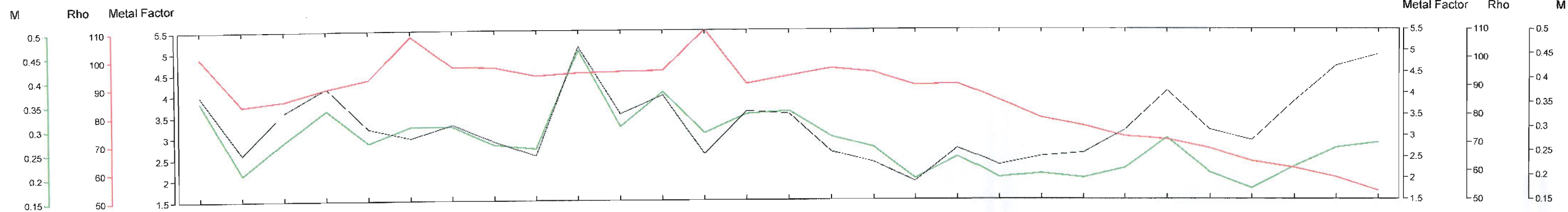
NAD83 / UTM zone 17N

6070205 CANADA INC

CLAIM 4245488 CARR TOWNSHIP

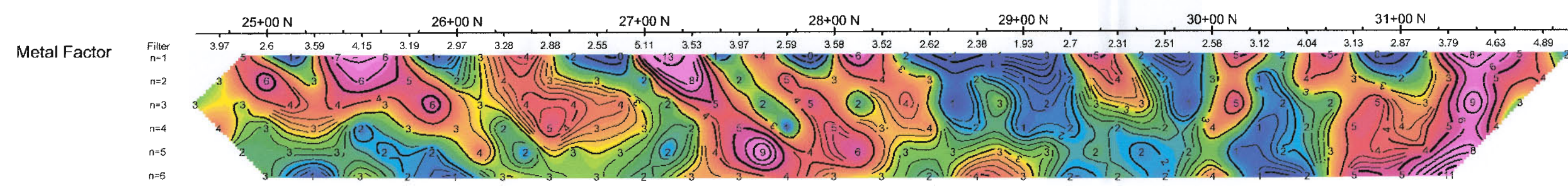
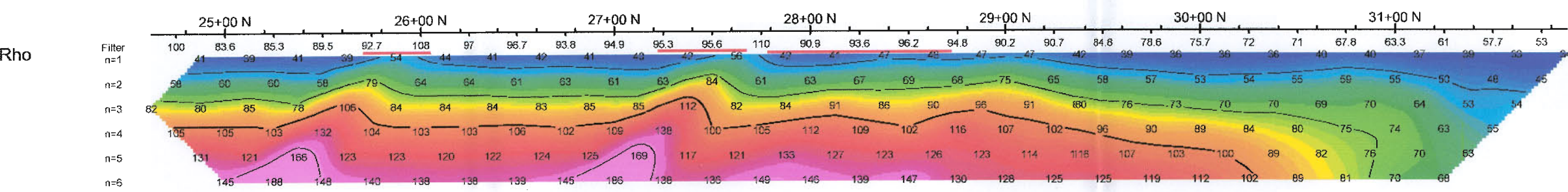
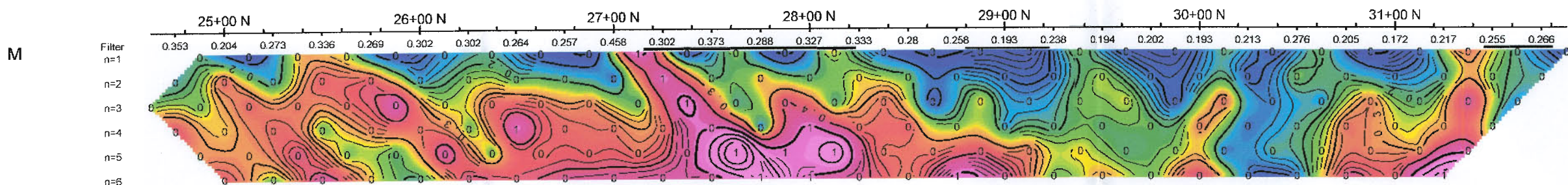
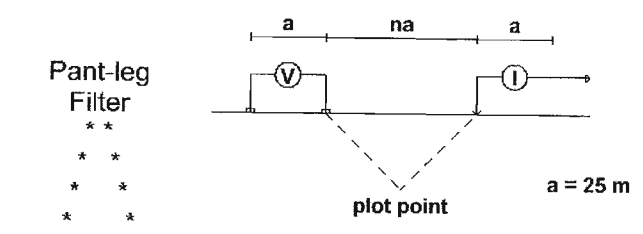
VLF-EM SURVEY, CUTLER MAINE, 24.0kHz
SCINTREX ENVI MAG SYSTEM

JULY 2012 EXSICS EXPLORATION LIMITED E-825



Pseudo Section Plot 29+00 E

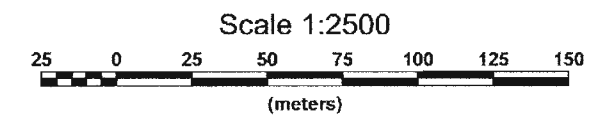
Dipole-Pole Array



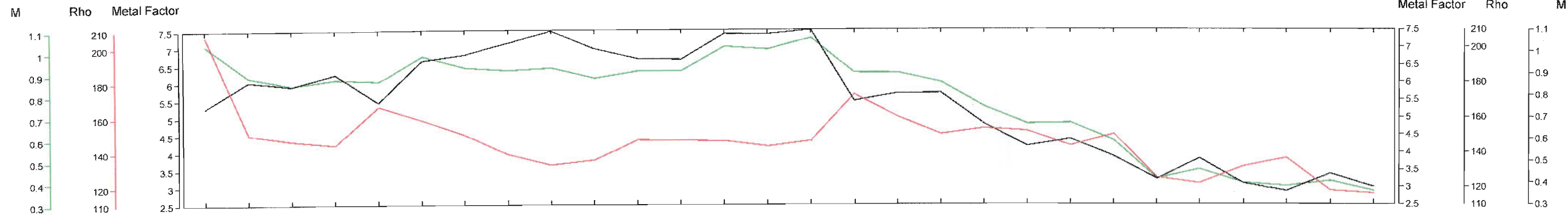
Logarithmic Contours 1.5, 2, 3, 5, 7.5, 10,...

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.



6070205 CANADA INC
 INDUCED POLARIZATION SURVEY
 CARR 4245487
 L2900ME
 Date: 13/07/2012
 Interpretation: J.C. GRANT
 EXSICS EXPLORATION LIMITED

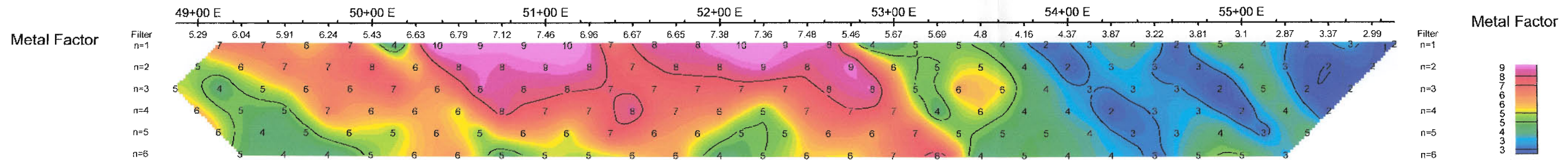
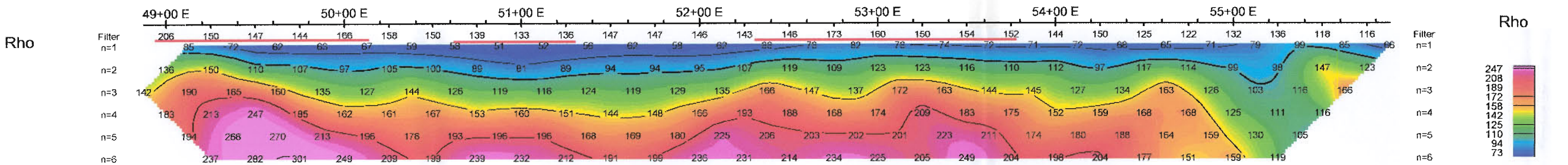
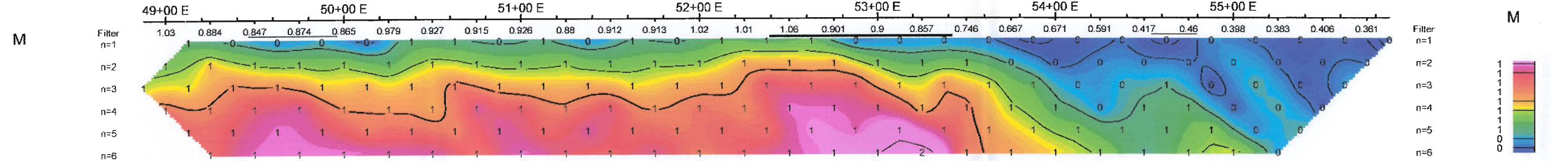
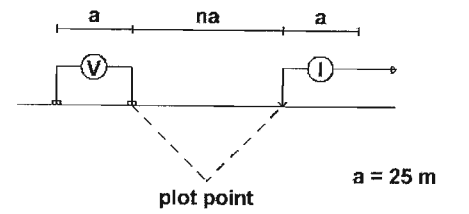


Pseudo Section Plot

29+00 N

Dipole-Pole Array

Pant-leg
Filter
* *
* *
* *

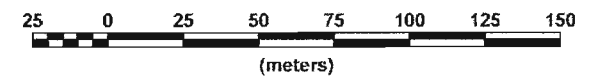


Logarithmic
Contours 1.5, 2, 3, 5, 7.5, 10,...

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



6070205 CANADA INC.

INDUCED POLARIZATION SURVEY

CARR 4245471

LINE 2900MN

Date: 13/07/2012

Interpretation: J.C.GRANT

EXSICS EXPLORATION LIMITED