


GEOPHYSICAL FOLLOW UP REPORT
FOR
6070205 CANADA INC.
ON THE
WALKER PROPERTY
LARDER LAKE MINING DIVISION
NORTHEASTERN, ONTARIO




Prepared by J. C. Grant,
May 2012

2.51805

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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 further IP surveys across the original cut grid that had been previously cut across a portion of the Company's claim holdings in Walker 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 grid was then covered by the total field magnetic survey that was completed by J.V. Bonhomme. Exsics Exploration Limited was contracted to complete and additional 3 lines of IP surveys across the grid lines that had been covered by the magnetic survey. Lines 9800ME and 9900ME were initially covered by the IP ground program in April 2011. This program consisted of covering lines 9700ME, 10000ME and 10100ME.

PROPERTY LOCATION AND ACCESS:

The Walker Property is situated about 8 kilometers southeast of the Town of Iroquois Falls. The claim block lies to the immediate north of the junction between the Black River and Shallow River in the northwest corner of Walker Township and the southwest section of Teefy Township. Iroquois Falls lies approximately 60 kilometers northeast of the City of Timmins. Refer to Figures 1 and 2 of this report.

Access to the grid areas during the survey period was ideal. Highway 101 travels east from Timmins to Matheson. As you travel east from Timmins, Highway 101 crosses a good paved road, locally called the Monteith access road that runs north off of the Highway between Stock and Taylor Townships and crosses Highway 11 north about 10 kilometers to the north. This road continues north along the Walker-Clergue township line and crosses a good gravel road that runs east along the concession line between concessions 5 and 6 of Walker Township and stops at a boat launch at the Black River. A short boat ride northwest along the Black will provide direct access to the southern tip of the grid lines. Travelling time from Timmins to the grid is about 2 hours.

CLAIM BLOCK:

The claim numbers that were covered by a portion of present geophysical survey were as follows.

Walker Claims:	4259058, 12 units
	4259059, 4 units
	4259060, 8 units

Refer to Figure 3 copied from MNDM Plan Map G-3584 of Walker Township for the positioning of the grid line and the claim numbers within the Townships.

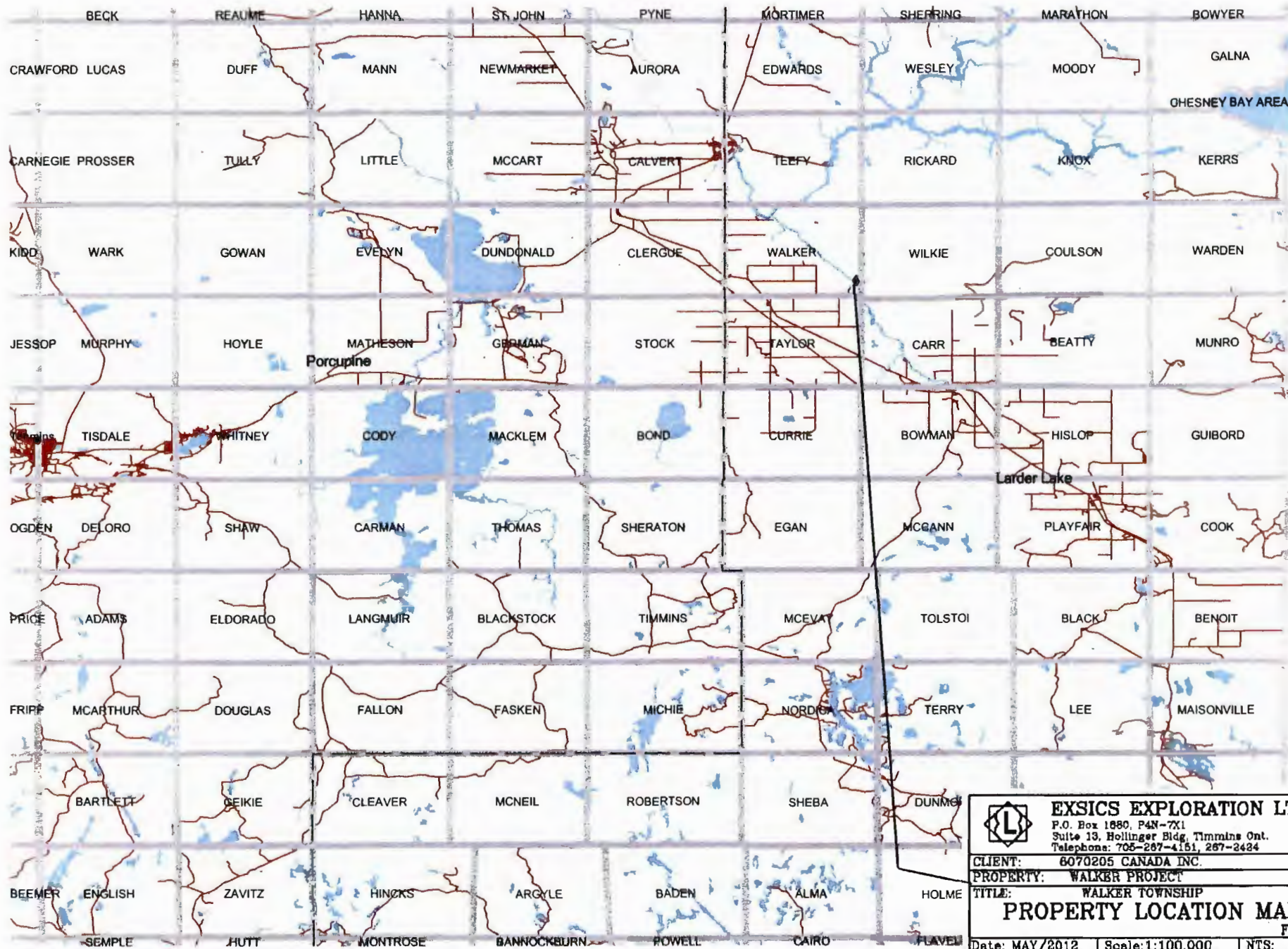


LEGEND / LEGENDE

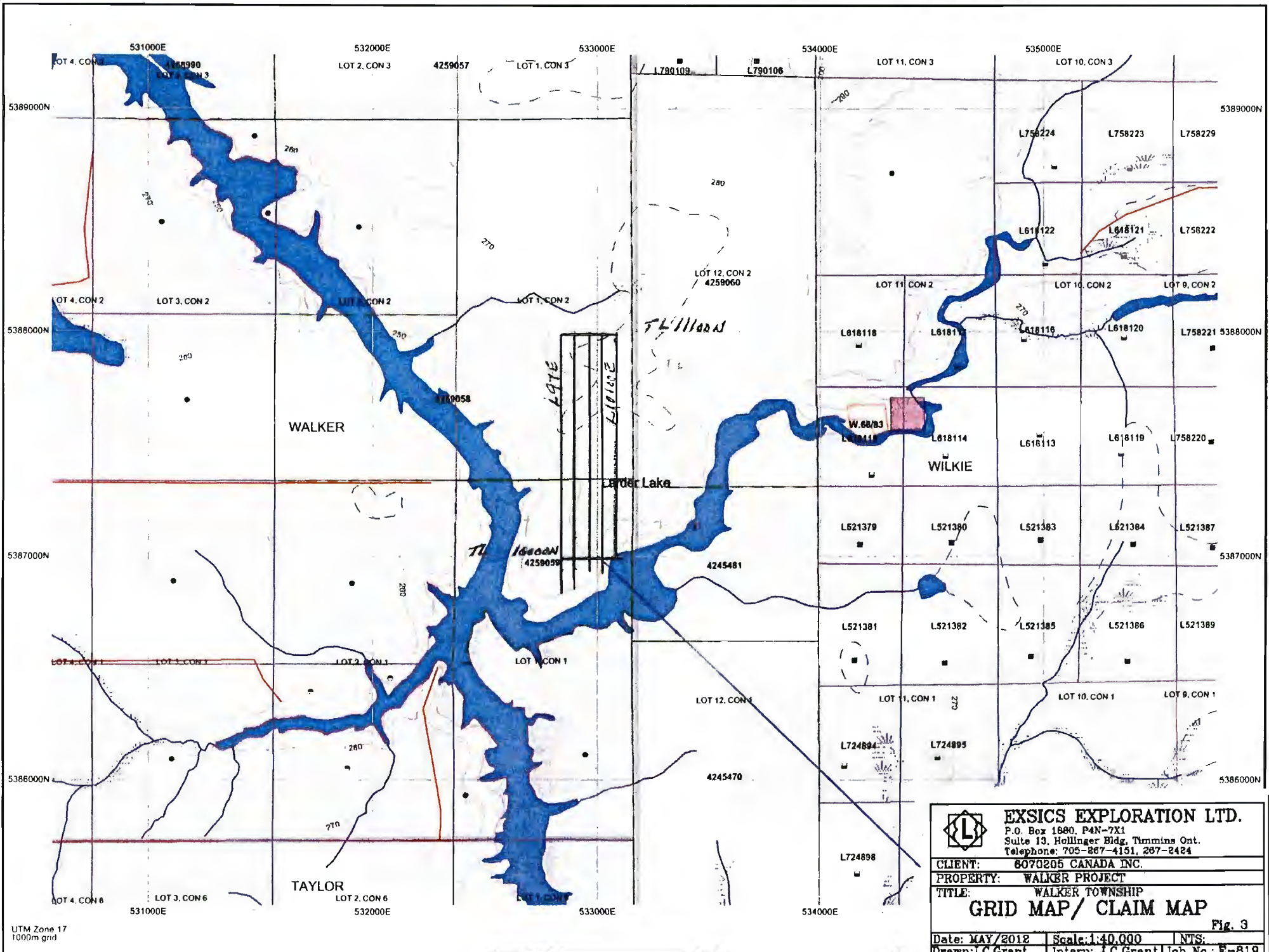
- ⊙ National capital / Capitale nationale
- Provincial capital / Capitale provinciale
- Other populated places / Autres lieux habités
- Trans-Canada Highway / La Transcanadienne
- Major road / Route principale
- International boundary / Frontière internationale
- Provincial boundary / Limite provinciale


Map of the Queen in Honour of Canada Natural Resources Canada
 La Mapule la Reine d'houeur d'Canada Ressources naturelles Canada

	EXSICS EXPLORATION LTD.		
	P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151, 267-2484		
CLIENT:		8070205 CANADA INC.	
PROPERTY:		WALKER PROJECT	
TITLE:		WALKER TOWNSHIP	
LOCATION MAP			
Fig. 1			
Date: MAY/2012	Scale: 1:600,000	NTS:	
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-819	



	EXSICS EXPLORATION LTD.		
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CLIENT:		6070205 CANADA INC.	
PROPERTY:		WALKER PROJECT	
TITLE:		WALKER TOWNSHIP	
PROPERTY LOCATION MAP			
Fig. 2			
Date: MAY/2012	Scale: 1:100,000	NTS:	
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-819	



 EXSICS EXPLORATION LTD. P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-887-4151, 287-2424		
CLIENT: 6070205 CANADA INC.		
PROPERTY: WALKER PROJECT		
TITLE: WALKER TOWNSHIP		
GRID MAP/ CLAIM MAP		
Fig. 3		
Date: MAY/2012	Scale: 1:40,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-819

UTM Zone 17
1000m grid

PERSONNEL:

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

J. Hamelin	Timmins, Ontario
J. Harrold	Timmins, Ontario
M. Cayen	Timmins, Ontario
S. Chartrand	Timmins, Ontario
D. J. Gibson	Timmins, Ontario
D. Poirier	Timmins, Ontario

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

INITIAL GROUND PROGRAM:

The Walker grid consisted of 5 grid lines spaced 100 meters apart that were again turned off of a base line cut east from a UTM point established by the client. The base line was called 1000MN and the lines were called 9700ME to line 10100ME. All of these lines were cut to Tie line 11100MN that represents the northern limits of the grid. Lines 9700ME and 9800ME extended to 9500MN, lines 9900ME and 10000ME extended to 9700MN and line 10100ME extended to 9800MN. All of the cross lines were chained with 25 meter station intervals. In all a total of 8.1 kilometers of grid lines were cut and chained across this claim block.

The original survey was the magnetic survey that was completed 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.

MAGNETIC SURVEYS:

Line spacing	100 meters
Station spacing	25 meters
Reading intervals	12.5 meters
Diurnal monitoring	base station recorder
Record interval	30 seconds
Reference field	56500 nT
Datum subtracted	56000 nT

Once the surveys were completed the collected magnetic data was merged with the base station data, corrected and then plotted onto a base map at a scale of 1:5000. A datum of 56000nT has been removed from all of the readings for ease in plotting only. The plotted results were then contoured at 10 gamma intervals for the Walker survey. A copy of this color contoured magnetic map is included in the back pocket of this report.

MAGNETIC SURVEY RESULTS:

Generally the Walker grid area is underlain by intermediate and mafic volcanics with metasediments lying just to the south of the southern boundary of the claim block. The Pipestone fault zone cuts across the southern section of the claim block.

The magnetic survey outlined a dike like unit striking north across the grid that generally parallels line 9900ME. The dike is represented by a narrow magnetic high that continues off of the grid to the south but seems to run into an east-west structure on its northern tip. The dike is also cross cut by a narrow magnetic high at 10500MN that continues off of the grid to the east.

A second cross structure may also be evident cutting the dike at 1000MN that is represented by a bulging in the dike on the east and west edge.

MAGNETIC CONCLUSIONS AND RECOMMENDATIONS:

The ground program was successful in outlining and defining the geological structures of the grid area. The Walker grid has the Pipestone fault cutting across the southern section of the grid area and this structure would represent an ideal conduit for gold mineralization. The dike like unit has been cut by a narrow magnetic high across its central section and possibly by a second west striking unit on its northern extension. Both of these cross structures should be followed up further.

IP FOLLOW UP SURVEY, PHASE 1

The Walker grid was then followed up with an Induced Polarization, (IP), survey to test the cross structures that had been outlined by the magnetic survey. Two of the original grid lines, 9800ME and 9900ME were to be covered by the IP survey. The survey was completed using the Instrumentation G.D.D receiver and 3.6 kilowatt transmitter. Specifications for these units can be found as Appendix B of this report. The following parameters were kept constant throughout the survey period.

Line spacing	100 meters
Station spacing	25 meters
IP method	Time Domain
IP array	Pole-Dipole
Electrode spacing and number	25 meters, 8 electrodes
Delay time	240Ms
Parameters measured	Chargeability and resistivity

Once the two lines were completed the results were plotted onto individual line pseudo-sections showing the colored contoured results of the Chargeability, Resistivity and calculated Metal Factors. Copies of these sections are included in the back pocket of this report.

IP SURVEY RESULTS:

The IP survey outlined several weak conductive zones across both of the two grid lines. Each line will be discussed separately below.

LINE 9800ME:

A weak conductive zone was outlined between 9650MN and the south end of the line that correlates with the southern tip of a broad resistivity high and correlates to the possible dike like unit that continues off of the grid to the south. A second narrow conductive zone lies between 10075MN and 10100MN that correlates to a deep rooted resistivity high that has been drill tested in the past and returned a porphyry unit. The zone is also associated with the western edge of the dike like unit. A third narrow zone lies between 10300MN and 10350MN that correlates to a modest resistivity low and is associated with a bulging in the north striking magnetic high.

A final broad zone lies between 10700MN and 10900MN that correlates to a deep rooted resistivity high and the western edge of the dike like unit.

LINE 9900ME:

A weak and or deep zone was noted between 10260MN and 10300MN that correlates with a deep resistivity high and the eastern edge of the dike like unit. Another deep zone was noted between 10410MN and 10460MN that is associated with a modest resistivity low and the suspected cross structure that strikes east-west across the possible dike like unit.

A final broad zone was noted between 10600MN and 10860MN that correlates with a deep resistivity high and directly with the center of the narrow magnetic high.

CONCLUSIONS AND RECOMMENDATIONS FAZE 1 IP:

The results of the IP survey suggest that the overburden is quite deep under the two grid lines. The suspected porphyry was detected but it is deep and does appear to have some metal and or sulphide content. The two broad weak zones may represent sulphide rich contact zones that run along the edges of the suspected dike. Should further work be planned for the grid area, I would suggest that the grid be expanded to the west and east as well as northward to better define the weak zones outlined by the present survey. I would also suggest that if more IP surveys are to be done then the spread should be done with at least 10 electrodes or more to define the targets at depth.

IP FOLLOW UP SURVEY, PAHSE 2:

The Phase 2 IP follow up program consisted of completing IP coverage over the remaining 3 grid lines, Lines 9700ME, 10000ME and 10100ME. Phase 1 had covered lines 9800ME and 9900ME. The same survey specifications and IP equipment were used in this Phase 2 program as those of Phase 1 and Appendix B describes the equipment used. The survey was completed between May 1st and the 4th and consisted of 4.4 kilometers of grid lines.

PHASE 2 IP SURVEY RESULTS:

This phase of the IP program outlined similar conductive zones that had been observed during the initial IP program of 2011.

LINE 9700ME:

Again this line outlined a deep, weak and broad zone at the southern tip of the line that lies on the southern edge of a broad weak resistivity high. The zone correlates to the western edge of a broad magnetic high unit. A second moderate zone lies between 10750MN and 10925MN that correlates to a broad and deep resistivity high and a magnetic high that appears to continue off of the grid to the west.

LINE 10000ME:

This line outlined the same two conductive zones as those on lines 9700ME to 9900ME. The first zone is a broad weak zone at the southern tip of the grid line that correlates to resistivity low and the western edge of a broad magnetic low feature. There is a narrow zone between 10075MN and 10100MN that also correlates to a deep resistivity high as well as to the western edge of a resistivity low. A final zone is a better define moderate zone that was noted on the northern tip of the line that correlates to a deep resistivity high and the eastern edge of a north striking magnetic high that continues off of the grid to the north.

LINE 10100ME:

This line outlined three conductive zones across the survey coverage. The first zone is a narrow zone lying between 9950MN and 10000MN that correlates to a resistivity low and a magnetic low. The second zone is also a narrow and weak zone between 10100MN and 10175MN that lies at the southern edge of a modest resistivity high. This zone is also contained within a magnetic low. The final zone is the more predominant zone that lies at the northern end of the line and falls between 10800MN and 10900MN. The zone lies just to the north of a modest magnetic high that continues off of the grid to the east.

CONCLUSIONS AND RECOMMENDATIONS PHASE 2 IP:

This phase of the program confirms that here is a modest IP anomaly striking east-west across the claim block and that it continues off of the grid in both directions. This zone appears to have been cross cut by a magnetic high striking north-south and paralleling line 9900ME. This north-south striking magnetic unit also appears to have been cross cut by two east-west striking narrow magnetic high units. This main conductive zone generally lies along the southern edge of the north, east-west striking magnetic high.

A drill hole should be considered to test this northern zone as it may not be a strong zone but is very consistent in amplitude and depth and appears to correlate to a legitimate albeit weak structural zone well within the search depth capabilities of the present survey. Follow up drill would be based on the results of this initial drill hole.

Respectfully submitted

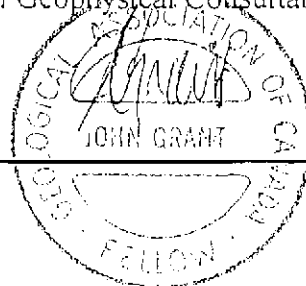

J. C. Grant
May 2012.

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.

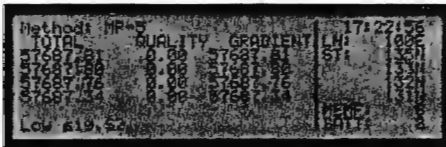
"Datacheck" Quality Control of Data

"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

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 (½m) 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:

- 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

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)



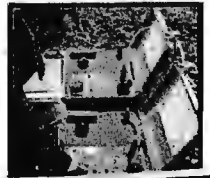
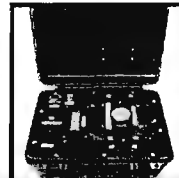
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Buffalo, NY 14207
Telephone: (716) 298-1219
Fax: (716) 298-1317

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.

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 Ω
- 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	tx	Not shown but included: Instruction manual (Receiver)
K	1x	Allegro Cx shoulder strap	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.

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

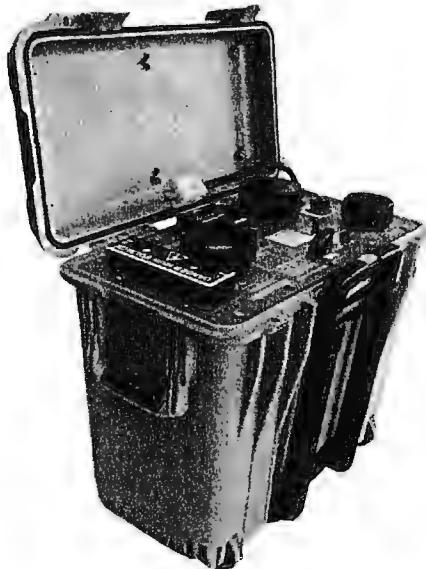


Canadian Manufacturer of Geophysical Instrumentation since 1976
 Sales, Rental, Customer Service, R&D and Field training

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.

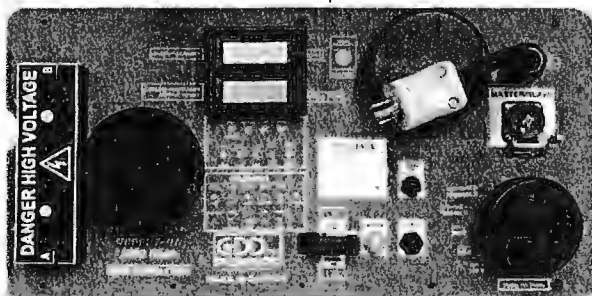
- Protection against short circuits even at zero (0) ohm
- Output voltage range: 150 V – 2400 V / 14 steps
- Power source: 120 V – Optional: 220 V, 50 / 60 Hz
- Displays electrode contact, transmitting power and current
- One-year warranty on parts and labour

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.

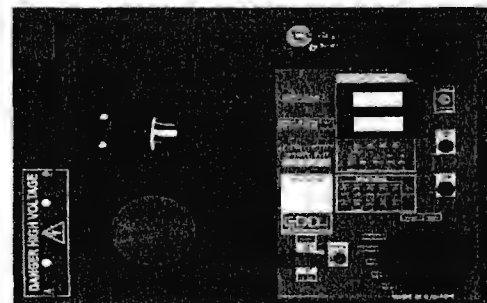
Its high power combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- 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

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

DESCRIPTION

TxII-1800W

- Includes shipping box, instruction manual and 110 V plug
- Optional backpackable Tx frame, 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.



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

OTHER COSTS

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

PAYMENT

Checks, credit cards, bank transfer, etc

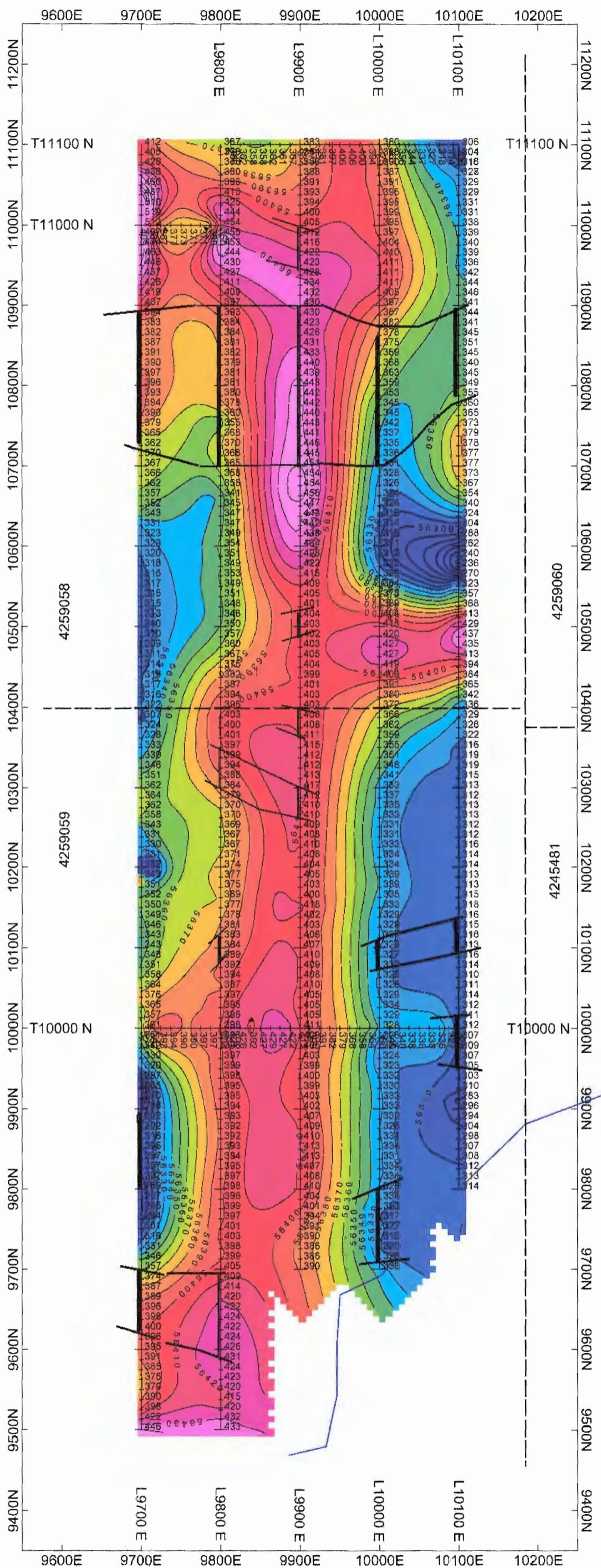
SERVICE

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).



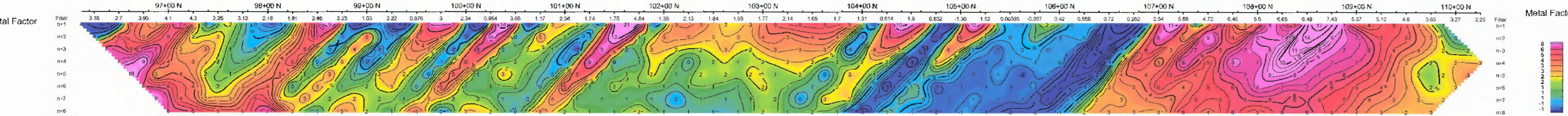
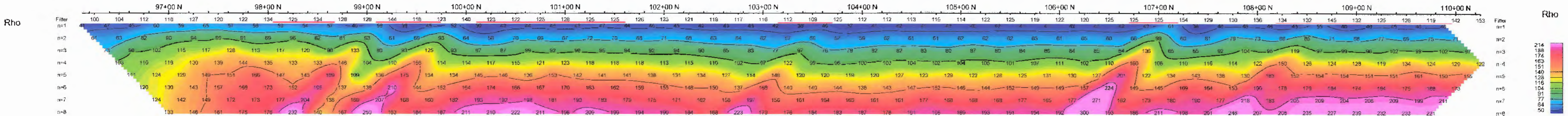
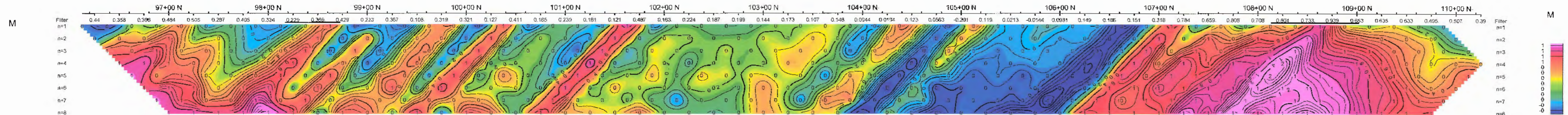
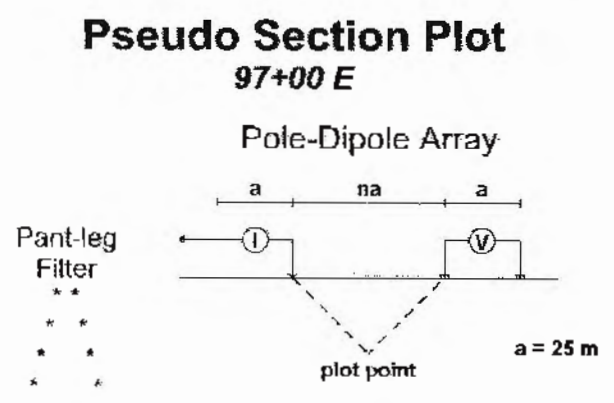
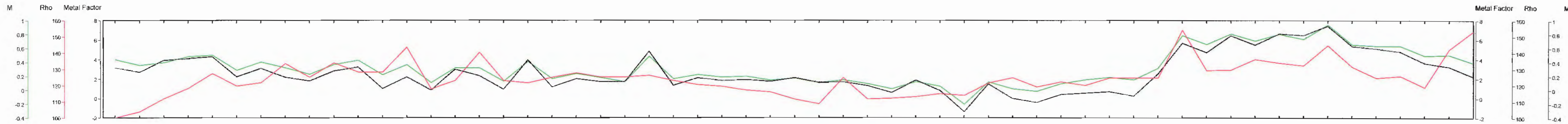
3700, boul. de la Chaudière, suite 200
Québec (Québec)
Canada G1X 4B7
Phone: +1 (418) 877-4249
Fax: +1 (418) 877-4054
E-Mail: gdd@gddinstrumentation.com
Web Site: www.gddinstrumentation.com

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Printed in Quebec, Canada, 2008



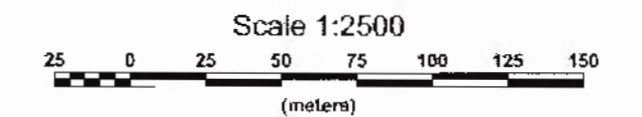
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50 0 50 100 150 200 250
(meters)

6070205 CANADA INC.
WALKER PROPERTY-WALKER TOWNSHIP
TOTAL FIELD MAGNETIC SURVEY & IP ANOMALIES
SCINTRE ENVI MAG SYSTEM
CONTOURED: 10nT
MAY 2011 EXSICS EXPLORATION LIMITED E-761

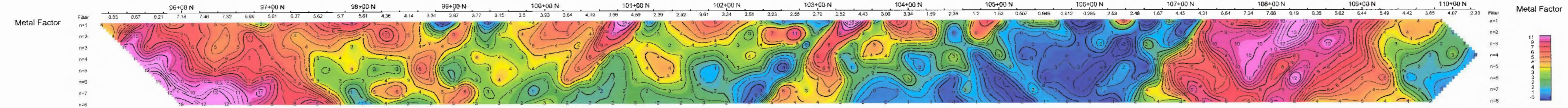
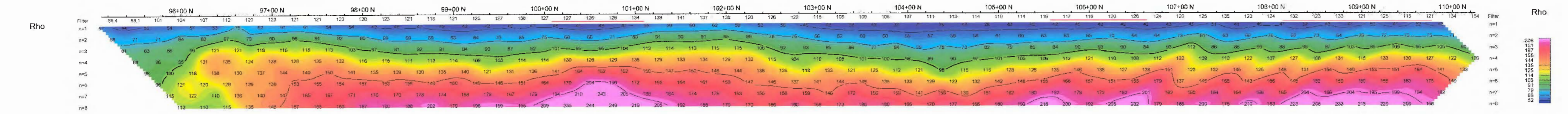
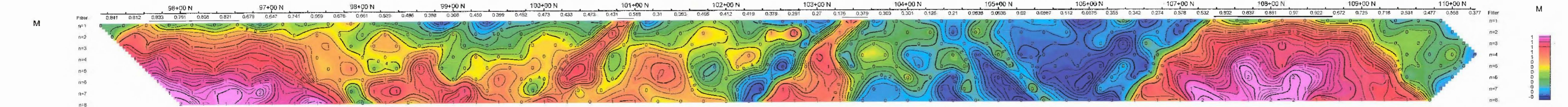
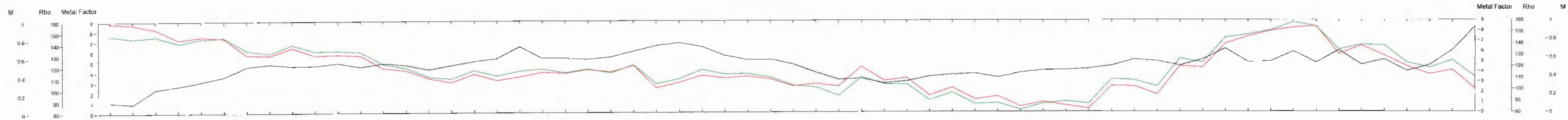


Logarithmic Contours
1, 1.5, 2, 3, 5, 7.5, 10,...

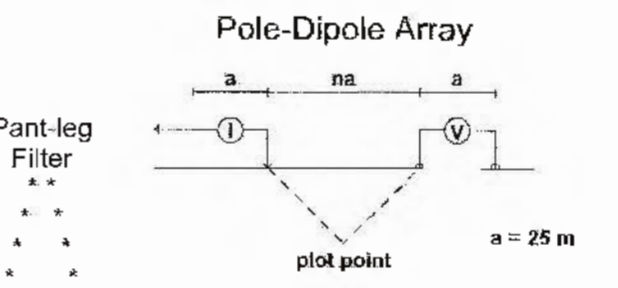
- #### INTERPRETATION
- Strong increase in polarization accompanied by marked decrease in resistivity.
 - Well defined increase in polarization without marked resistivity decrease.
 - Poorly defined polarization increase with no resistivity signature.
 - ▼ Low resistivity feature.
 - ▼ High resistivity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



6070205 CANADA INC.
INDUCED POLARIZATION SURVEY
WALKER PROPERTY LINE 97+00ME
WALKER TOWNSHIP
 Date: 04/05/2012
 Interpretation: J.C. GRANT
MAY 2012 EXSICS EXPLORATION LIMITED

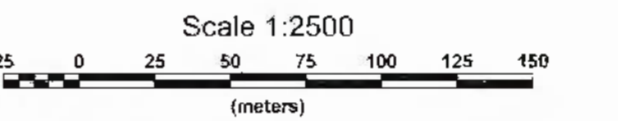


Pseudo Section Plot
98+00 E

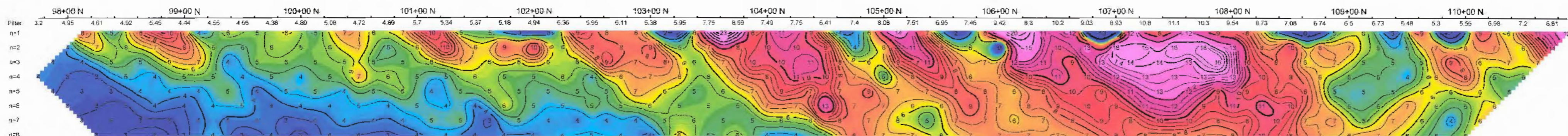
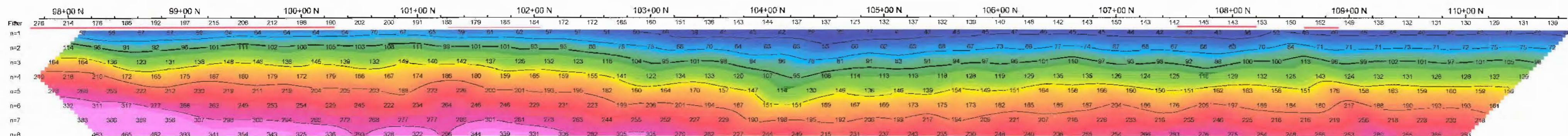
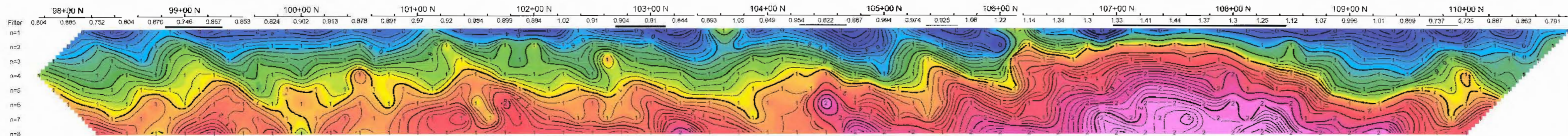
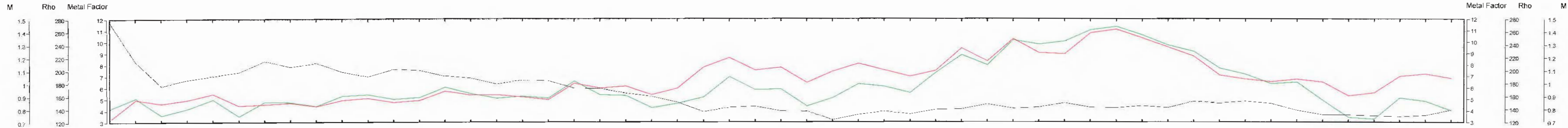


Logarithmic Contours: 1.5, 2, 3, 5, 7.5, 10, ...

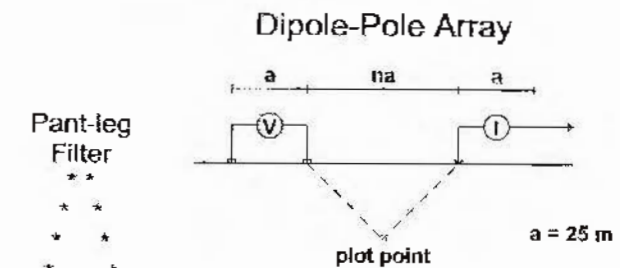
- INTERPRETATION**
- Strong increase in polarization accompanied by marked decrease in resistivity.
 - Well defined increase in polarization without marked resistivity decrease.
 - Poorly defined polarization increase with no resistivity signature.
 - ▼ Low resistivity feature.



6070205 CANADA INC.
INDUCED POLARIZATION SURVEY
WALKER PROPERTY
WALKER TOWNSHIP
 Date: 13/07/2011
 Interpretation: J.C. GRANT
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Pseudo Section Plot 99+00 E

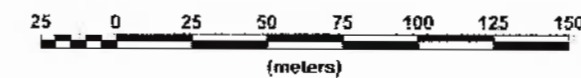


Logarithmic Contours 1.5, 2, 3, 5, 7.5, 10,...

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.

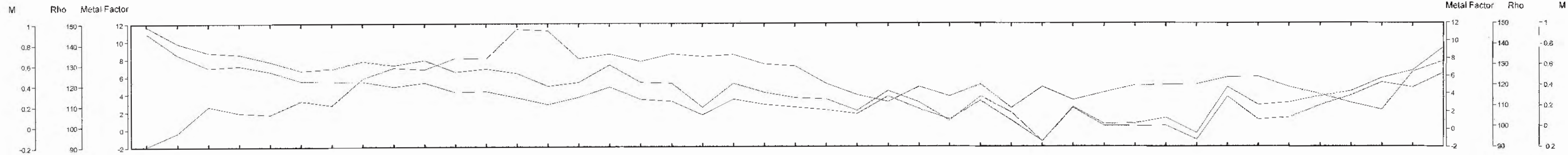
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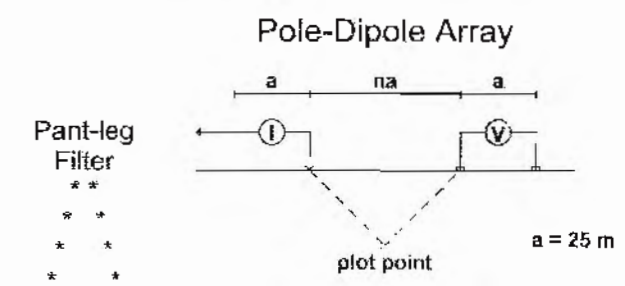
6070205 CANADA INC.
**INDUCED POLARIZATION SURVEY
 WALKER PROPERTY
 WALKER TOWNSHIP**

Date: 13/07/2011
 Interpretation: J.C.GRANT

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**Pseudo Section Plot
100+00 E**

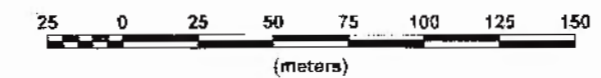


Logarithmic Contours: 1.5, 2, 3, 5, 7.5, 10, ...

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.

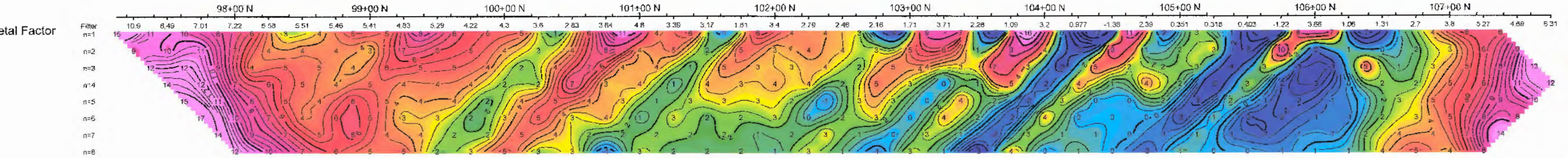
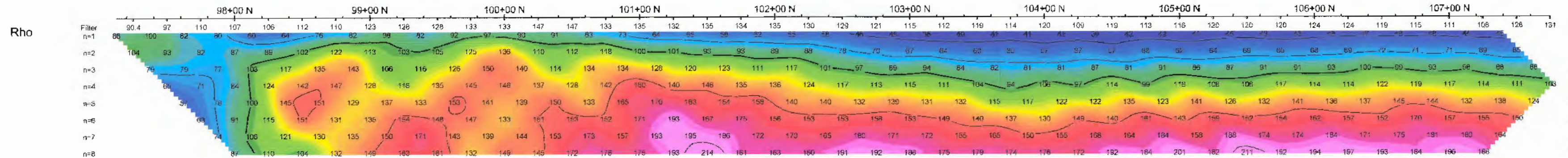
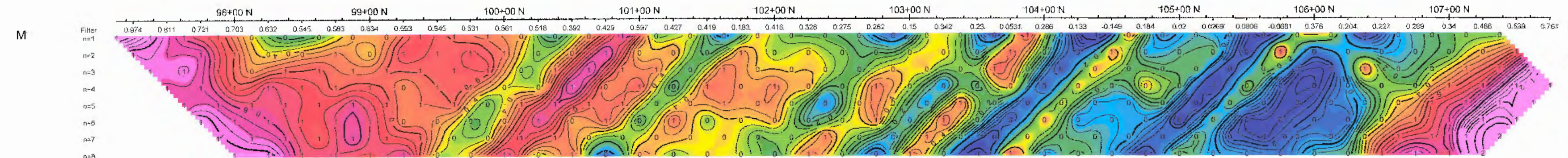
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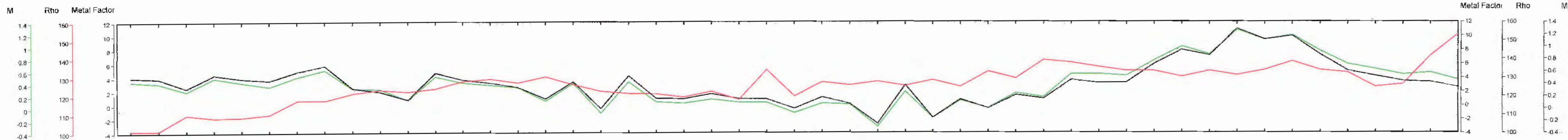


6070205 CANADA INC.
INDUCED POLARIZATION SURVEY
WALKER PROPERTY LINE 100+00ME
WALKER TOWNSHIP

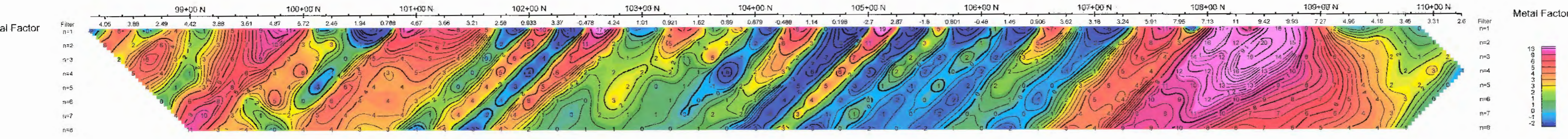
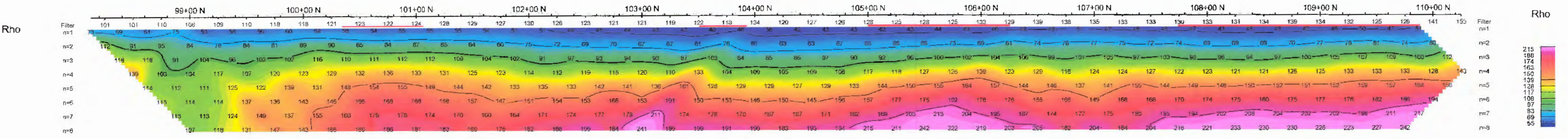
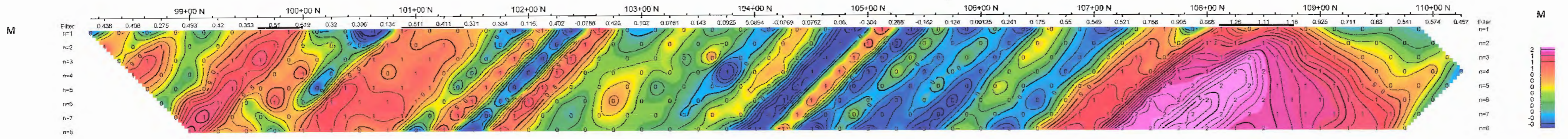
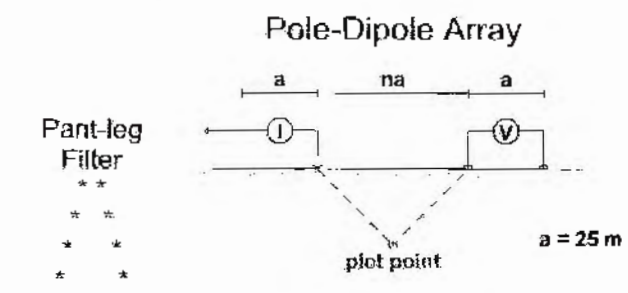
Date: 04/05/2012
 Interpretation: J.C.GRANT

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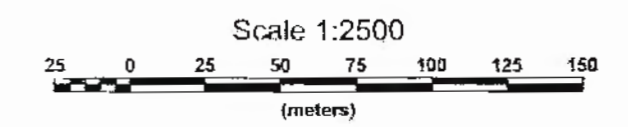


**Pseudo Section Plot
101+00 E**



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
 WALKER PROPERTY LINE 101+00ME
 WALKER TOWNSHIP
 Date: 07/05/2012
 Interpretation: J.C.GRANT
 MAY 2012 EXSICS EXPLORATION LIMITED