GEOPHYSICAL REPORT
For
EM RESOURCES INC.
On The
MUSKASENDA LAKE PROPERTY
ENGLISH TOWNSHIP
PORCUPINE MINING DIVISION
NORTHEASTERN, ONTARIO

Prepared by: J.C.Grant, CET, FGAC
October, 2006

TABLE OF CONTENTS

INTRODUCTION:

The services of Exsics Exploration Limited were retained by Mr. Ed Ludwig, on behalf of the Company, EM Resources Inc., to complete a detailed ground geophysical program on the Muskasenda lake Property, which is located in the west central portion of English Township which is located in the Porcupine Mining Division of Northeastern Ontario.

The purpose of this ground program was to locate and outline a favorable gold horizon that was thought to strike across the grid. The horizon had been exposed in surface trenching on the southern section of the grid around the base line. The intent was to cut a detailed metric grid across the trench area and then to complete a detailed total field magnetic survey as well as an Induced Polarization, (IP), survey across the cut lines.

The ground program commenced during the first portion of August and was completed during the early portion of September, 2006

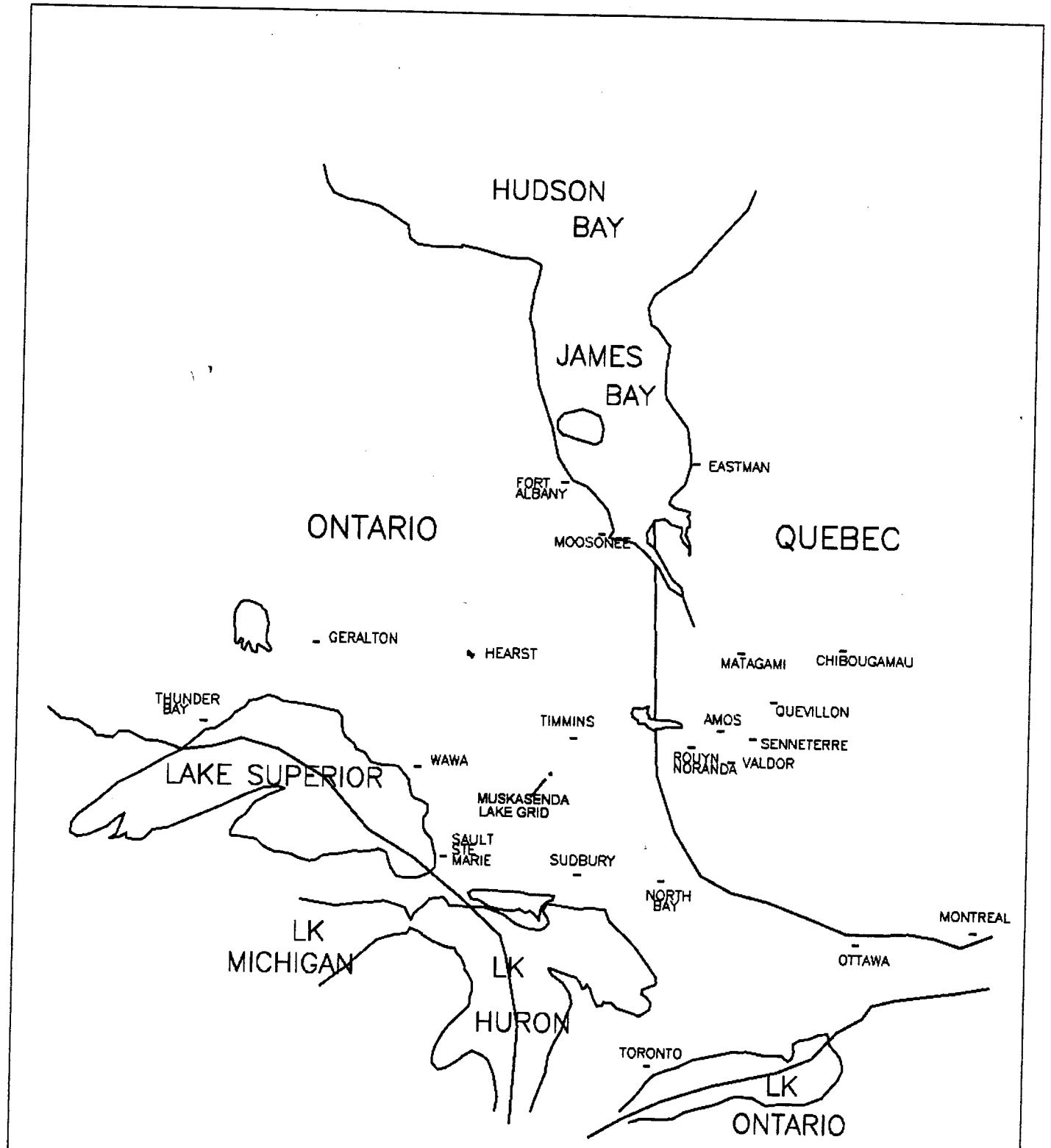
In all, a total of 7.0kilometers of grid lines were cut across the property and all of the lines were read with both the magnetic and IP surveys.

PROPERTY LOCATION AND ACCESS:

The Muskasenda Property is situated in the west central portion of English Township approximately 45 kilometers south of the City of Timmins. More specifically the property sits on the southwest shore of Muskasenda Lake and Telluride Lake is just to the west. Refer to Figures 1 and 2. The area lies within the Porcupine Mining Division of Northeastern, Ontario.

Access to the grids during the survey period was relatively easy. There is a good gravel road locally called the Pine South road that travels south from Timmins to the Town of Matachewan. This road crosses through the center of the Township in a north to south direction and parallels Muskasenda Lake approximately 3 kilometers to the east. A branch road runs west northwest off of this good gravel road in the southwest corner of English Township and ends on the south shore of Muskasenda Lake. A short boat ride from this point in a north-northwest direction will bring one to a trail on the southwest shore of the Lake that provided foot access to the southern boundary of the grid.

Traveling time from Timmins to the grid was about 2 hours.

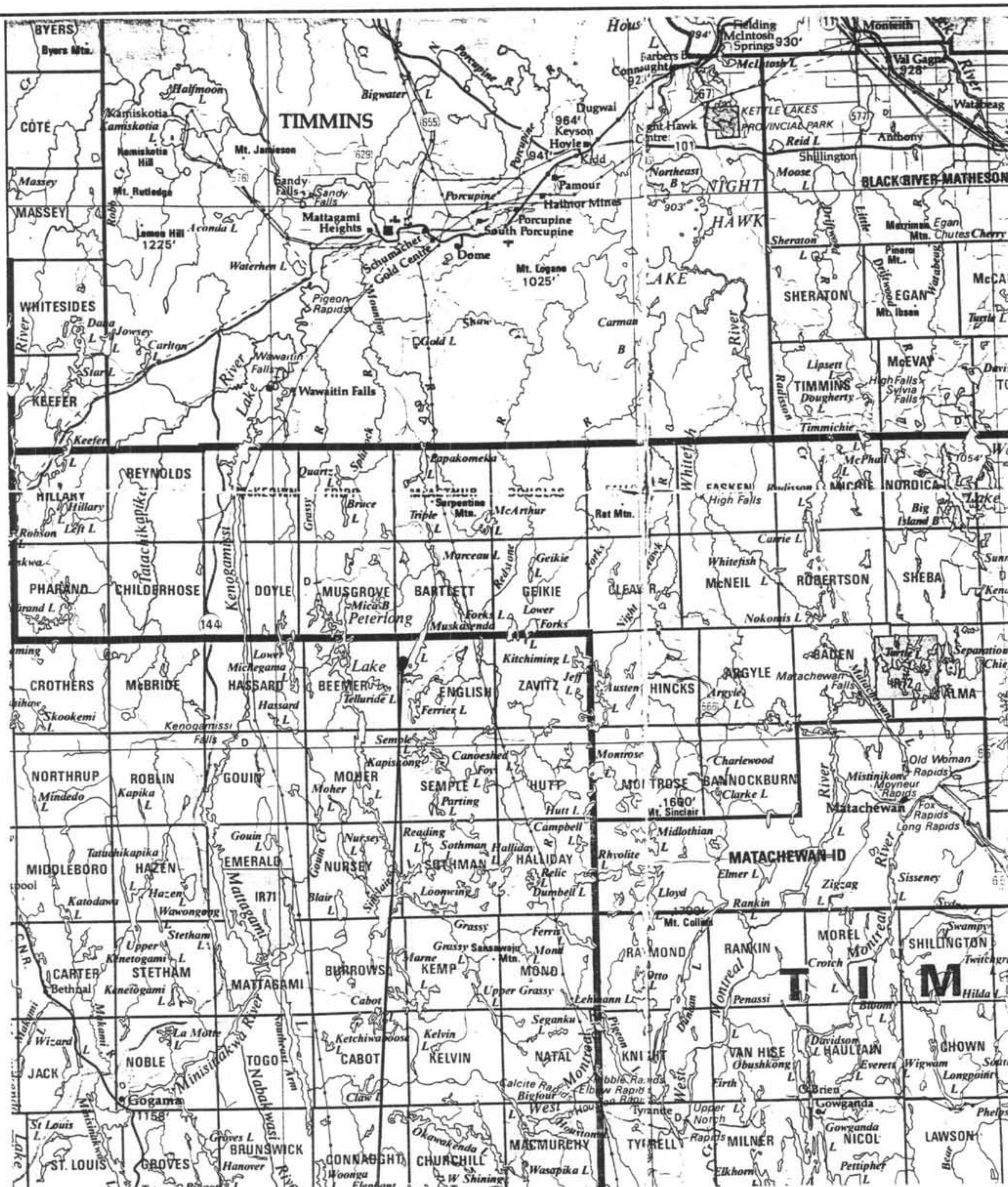


EXSICS EXPLORATION LTD.
P.O. Box 1880, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151, 267-2424

CLIENT:	EM RESOURCES LIMITED
PROPERTY:	MUSKASENDA LAKE GRID-ENGLISH TWP.
TITLE:	LOCATION MAP

Fig. 1

Date: Oct./06	Scale:1"=125miles	NTS:
Drawn:J.C.Grant	Interp: J.C.Grant	Job No.: E-EL01



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TITLE:

PROPERTY LOCATION MAP

Fig. 2

Date: Oct:/06	Scale: 1"=125miles	NTS:
Drawn: J.C.Grant	Interp: J.C.Grant	Job No.: E-EL01

CLAIM BLOCK:

The claim numbers that represent the portion of the property that was covered by this current ground program are as follows.

P-4203817, P-4203818, P-4207200

Refer to Figure 3 of this report, which was copied from MNDM Plan Map, G-3938, English Township for the positioning of the claims within the area.

PERSONNEL:

The field crew directly responsible for the collection of all of the raw field data was as follows.

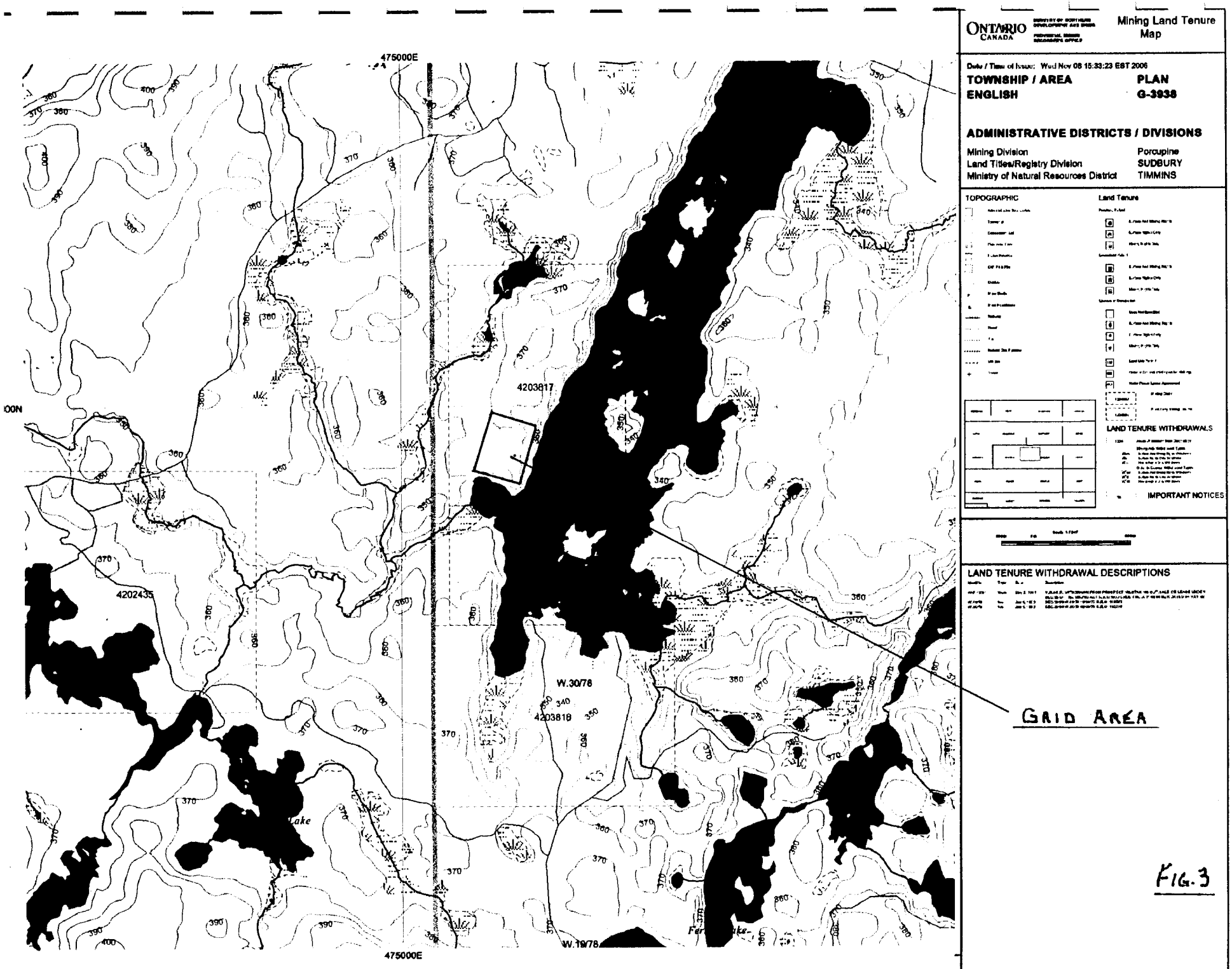
E. Jaakkola	Timmins, Ontario
S. Lessard	Timmins, Ontario
D. Collins	Timmins, Ontario
B. McWhirter	Timmins, Ontario
R. Bradshaw	Timmins, Ontraio

The entire program was completed under the direct supervision of J.C.Grant and all of the plotting; compilation, interpretation and reports were completed by in-house staff.

GROUND PROGRAM:

The ground program was completed in two stages. The first stage was to cut a detailed metric grid across a portion of the claim block. This cutting was done by an independent line cutting firm hired directly by EM Resources Inc. The grid consisted of a base line initially cut at 45 degrees from 250MS to and including 300MN. Lines were turned off of this base line at 50 meter intervals from 250MS to 300MN and all of these lines were cut from 200MW to and including 200ME. All of the cut lines were chained with 25 meter pickets that had been metal tagged.

Upon the completion of the cutting the grid was then read with a total field magnetic survey and an IP survey which was completed by Exsics Exploration Limited. The specifications for the Elrec 10 and the GDD 3.6 kilowatt transmitter can be found as Appendix A of this report. The specifications for the Scintrex Envi Mag system can be found as Appendix B of this report. The following parameters were kept constant throughout the survey period.



ONTARIO CANADA — Mining Land Tenure Map

Date / Time of Issue: Wed Nov 08 15:33:23 EST 2006

TOWNSHIP / AREA	PLAN
ENGLISH	G-3938

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Porcupine
Land Titles/Registry Division	SUDBURY
Ministry of Natural Resources District	TIMMINS

TOPOGRAPHIC

Land Tenure

LAND TENURE WITHDRAWALS

IMPORTANT NOTICES

LAND TENURE WITHDRAWAL DESCRIPTIONS

GRID AREA

FIG. 3

MAGNETIC SURVEY:

Line spacing:	50 meters
Station spacing:	25 meters
Reading intervals:	12.5 meters
Instrument:	Scintrex Envi mag system
Accuracy:	+/- 0.1 %
Reference field:	57,500 nT
Datum subtracted:	57,000 nT
Diurnal monitor:	Base station recorder
Record intervals:	30 seconds

Upon completion of the survey the collected data was corrected, leveled and then plotted onto a base map at a scale of 1:2500 and then contoured at 100 gamma intervals wherever possible. A color copy of this contour map is included in the back pocket of this report.

IP SURVEY:

Line spacing:	50 meters
Station spacing:	25 meters
Reading intervals:	25 meters
IP method:	Time domain
IP array:	Pole-Dipole
Electrode spacing:	a= 25 meters
Electrode number	n= 4
Transmitter:	GDD 3.6 Kilowatt
Receiver:	Elrec 10
Parameters measured:	Chargeability in millivolts/volt Resistivity in ohms/meter

Upon the completion of the survey, the data was then presented as individual line pseudosections at a scale of 1:2500 showing the contoured results of the chargeability and resistivity . Copies of these sections are also included in the back pocket of this report.

SURVEY RESULTS:

The ground program was successful in locating and outlining the intended geological target. The most predominant feature outlined by the magnetic survey is a strong magnetic high unit that generally strikes northeast across the entire grid from line 250MS at the base line to 300MN at the west end of the line. This high appears to relate to an iron rich unit that extends off of the grid in both directions. The mag high appears to have been cross cut by a fault and or shear like structure that can be traced from line 50MN at the west end to line 250MN at 100ME.

A second cross structure may also be evident striking across the high from 250MS at the west end to line 150MS at 100ME. Both of these cross structures have caused minor displacement in the overall strike of the magnetic unit.

There also appears to be two parallel magnetic highs striking off of the main high. These units run off of the main zone in the vicinity of lines 25MS and 25MN respectfully and strike as far as lines 200MN and 150MN. These units may represent iron rich narrow splays emanating from the main magnetic high unit.

There is another magnetic high situated between lines 200MN and 300MN that continues off of the grid to the north. This unit lies just to the east of the base line and may also relate to an iron rich unit.

The IP survey correlates well with the magnetic survey results. There appears to be two predominant IP targets that relate to the main magnetic high unit and the east flanking parallel zones.

Line 300MN outlined two chargeability highs, one at 100MW that extends to depth and continues off of the line to the west. This zone has a good resistivity high association. The second zone is at 50ME that also extends to depth and has a resistivity high association.

These same two zones can be traced to lines 250MN and 200MN that shows the same conductor characteristics. However, line 200Mn shows the start of a third zone at 100ME that has a resistivity high association. This zone correlates to the most easterly magnetic high unit.

Line 150MN also shows the three conductive zones that relate to the magnetic high units.

Line 100MN shows a good broad IP zone between 150MW and the base line. This zone extends to depth but should also be evident on surface. The zone extends to depth and has a good resistivity high association.

A second zone is also evident at 150ME that also has a good resistivity high association.

Lines 75MN to 0+00 all show the same conductive zone that lies between the base line and 100MW that correlates to the main magnetic high unit. The zone appears to come to surface and extends to depth. There is also a good resistivity high association with the entire strike of this zone. The second narrower and weaker zone was also noted on all of these lines and it lies between 100 and 125ME. The zone also has a good resistivity high association and correlates to the narrow magnetic highs striking across the same lines.

Line 25MS and 50MS outlined the main zone between the baseline and 50MW which correlates to the main magnetic high unit. This zone appears to be shallow but it extends to depth. The zone correlates to a resistivity high unit. There appears to be a parallel but deeper zone on the eastern flank of the main target which may correlate to one of the narrow magnetic highs situated to the east of the main mag trend.

Lines 75MS and 100MS outlined two zones which again relate to the magnetic high units. Both of the zones are somewhat weaker that the northern zones possibly due to depth and or metallic content. The zone outlined at 50MW on line 75MS correlates to the main magnetic high unit.

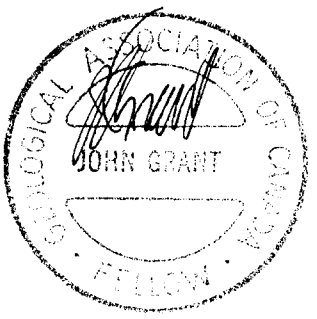
Lines 150MS, 200MS and 250MS all outlined the main conductive zone situated between the baseline and 60ME. This correlates to the main magnetic high trend. There is a good resistivity high association with this zone on all three lines. This IP zone appears to come to surface.

CONCLUSIONS AND RECOMMENDATIONS:

The ground surveys were successful in locating and outlining the geological characteristics of the grid. There appears to be a main magnetic high trend that may relate to an iron rich solution that strikes across the entire grid and continue off of the grid in both directions. The weaker parallel IP zones correlate well to the narrower magnetic high units and they also appear to continue to depth and in some cases they appear to come to surface.

A follow up program of detailed geology and or MMI surveys may help in identifying the near surface zones. A diamond drill program should also be considered to define the zones at depth.

Respectfully submitted:



J. C. Grant, CET, FGAC
October, 2006

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

1.2 Transmitter description

In this section, the Tx II components are shown, named and explained.

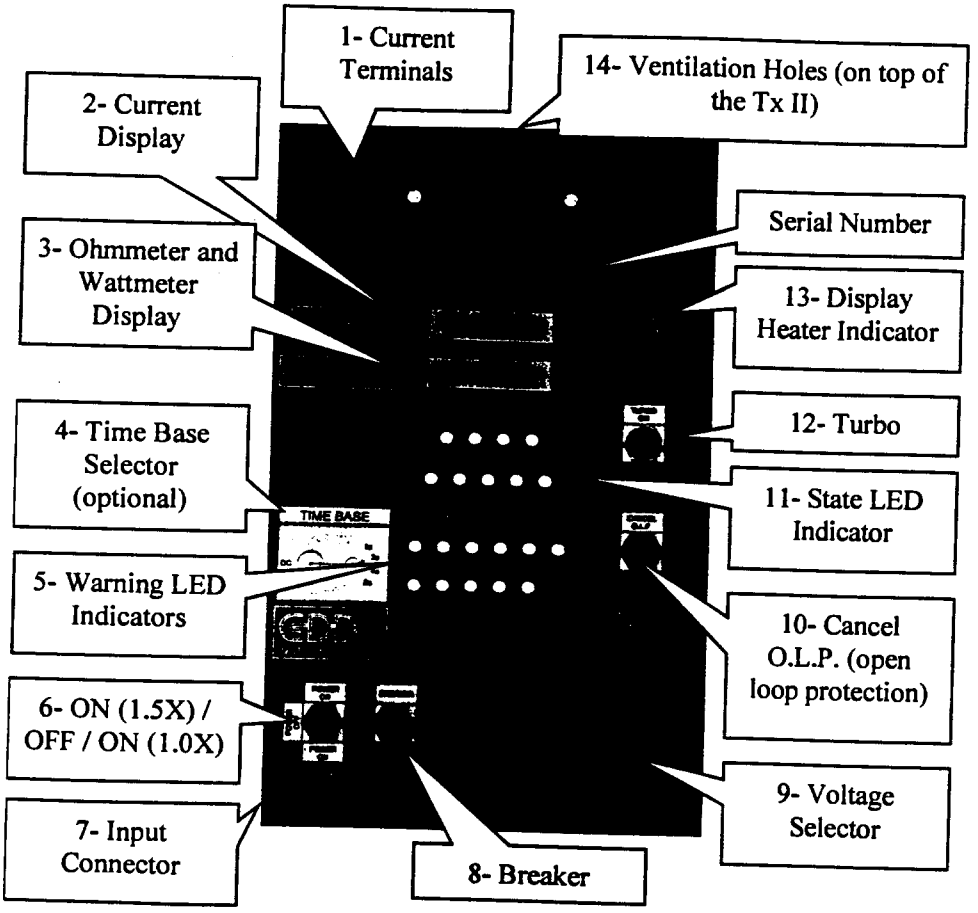


Figure 1 : Transmitter components

6. SPECIFICATIONS

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

Cycle : time domain : 2 s ON, 2 s OFF
Optional: 1, 2, 4 or 8 s
0.5, 1, 2 or 4 s
DC

Output current : 0.030 A to 10 A (normal operation)
0.000 A to 10 A (cancel open loop)

Output voltage : 150 V to 2400 V

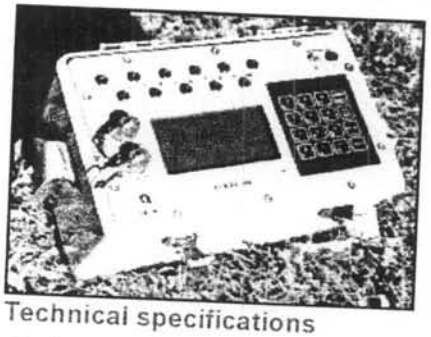
Display : LCD, reads to 0,001 A

Power source : 240 V / 60 Hz (220 V / 50 Hz)

Elrec 10 Specifications @ Fugro Instruments

- Back to Instrument Sales
- Go Back

Iris Instruments offer a comprehensive range of geophysical instruments, environmental monitoring equipment and geotechnical instruments. Information about IRIS Induced Polarization and Proton Magnetic Resonance systems may be viewed by following the links. For a complete listing of Iris Instruments products, click on the rotating Ohm symbol to visit the IRIS web site.



ELREC 10, Ten dipole IP receiver

The With graphics display for data quality monitoring

TEN SIMULTANEOUS DIPOLES
TWENTY PROGRAMMABLE CHARGEABILITY WINDOWS
HIGH ACCURACY AND SENSITIVITY

ELREC 10 is a ten dipole Time Domain Induced Polarization receiver designed for high productivity surveys in Mineral Exploration. ELREC 10 is a highly sensitive receiver and features a large graphic display for user friendly operation and a Cole-Cole parameter computation for in-the-field time constant analysis.

Ten dipoles:
The ten dipoles of ELREC 10 offer an increased productivity in the field for dipole-dipole, gradient or extended poly-pole arrays. It is also possible to measure five differential (non adjacent) dipoles, for special electrode configurations.

Twenty programmable windows:
Beside classical arithmetic and logarithmic modes, ELREC 10 also offers twenty fully programmable windows for a higher flexibility in the definition of the IP decay curve.

User Friendly Interface:
user friendly interface has been set up in ELREC 10 with a minimal number of key strokes for each operation.

Intelligent Stacking Process:
When the electric noise has strong non-linear effects, the standard arithmetic stacking process requires a long acquisition time to measure the IP effect ; a proprietary intelligent stacking

Technical specifications

- Ten input dipoles
- Signal waveform: Time Domain (ON+, OFF, ON

-, OFF) with pulse duration of 0.5 , 1 , 2 , 4 or 8 seconds
- Up to twenty arithmetic, logarithmic or fully programmable IP chargeability windows
- Computation of apparent resistivity, average chargeability and standard deviation
- Input impedance: >50 Mohms
- Input overvoltage protection up to 1000 Volts
- Automatic SP bucking ±15V with linear drift connection
- Internal calibration generator for a true calibration on request of the operator
- Automatic synchronization and re-synchronization process on primary voltage signals whenever needed
- Automatic stacking number in relation with a given standard deviation value
- Proprietary intelligent stacking process rejecting strong non-linear SP drifts
- Common mode rejection: more than 100 dB (for Rs = 0)
- Ground resistance measurement from 0.1 to 100 kohms
- Battery test: graphic plot of battery status
- Primary voltage: range: 10 µV to 15V, resolution: 1µV, accuracy: typ. 0.3%
- Chargeability: range: 10µV to 15V, accuracy: typ. 0.6%
- Self Potential: range: ±15V, resolution: 0.1 mV
- Time constant (tau) range: Cole-Cole inversion continuous from 10 milliseconds to 100 seconds : Customized range on request

- Dimensions: 31x21x25 cm
- Display: 16 lines by 40 characters, 128 x

- Weight: 8 kg including internal battery
- Operating temperature: -30°C to +70°C
- Power supply: 12V internal rechargeable battery with more than 20 hours service at +20°C ; a 12V external battery can be also used.

SP bursts and minimize the acquisition time for a given reading accuracy

Monitoring Display:
A large graphic LCD (128x240 dots) permits the operator to display simultaneously the IP decay curves of the ten dipoles during the acquisition, for a global visualization of the readings and for better quality control. Before the acquisition, the ELREC 10 can be used as a one channel DC graphic display, for monitoring the noise level and checking the primary voltage waveform, through a continuous display process.

Cole-Cole Parameters:
An inversion procedure has been implemented to compute Cole-Cole time constant at the end of the acquisition. This allows a possible grain size discrimination analysis.

Internal Memory:
The memory can store up to 3200 dipole readings, each reading including the full set of parameters characterizing the measurements. An explicit data storage procedure has been developed including the display of warning messages for data not yet stored. File names are available for a better memory management of sets of readings.

Field proof Instrument:
ELREC 10 operates in a wide temperature range and features a fiber-glass case for resistance to field shocks and vibrations.

APPENDIX B

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

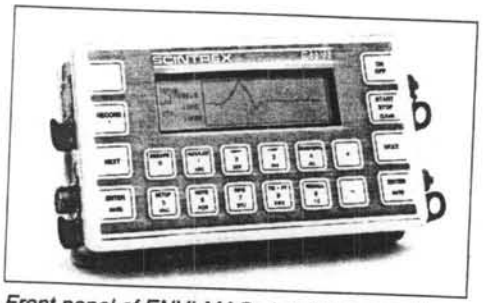
An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

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

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

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 alphanumerics

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)

SCINTREX

Head Office
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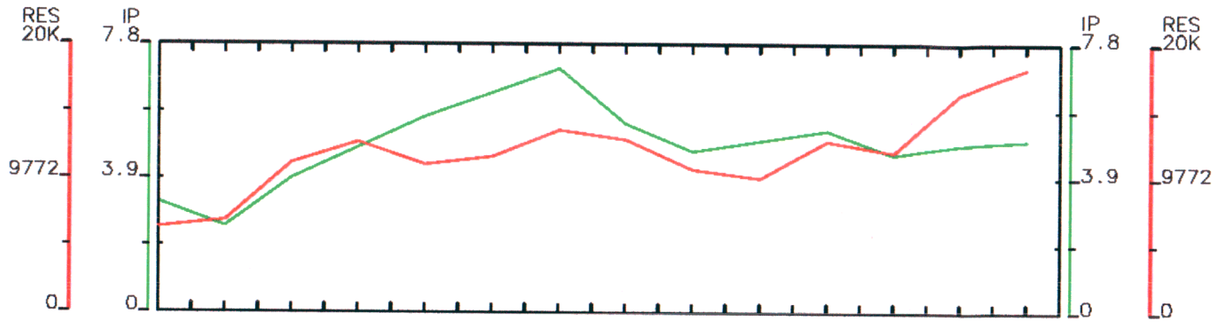
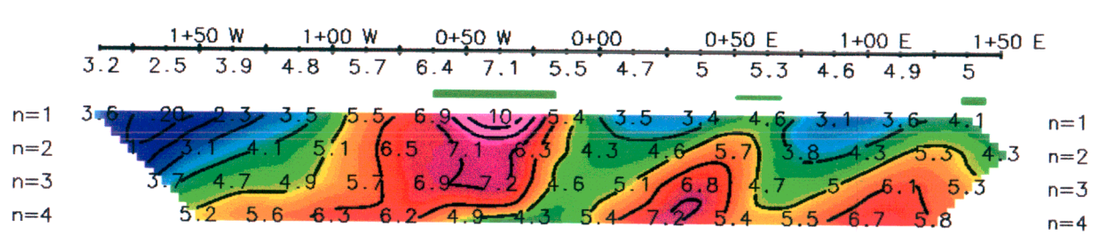
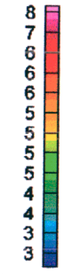
Fax: (905) 669-6403 or 669-5132
Telex: 06-964570

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



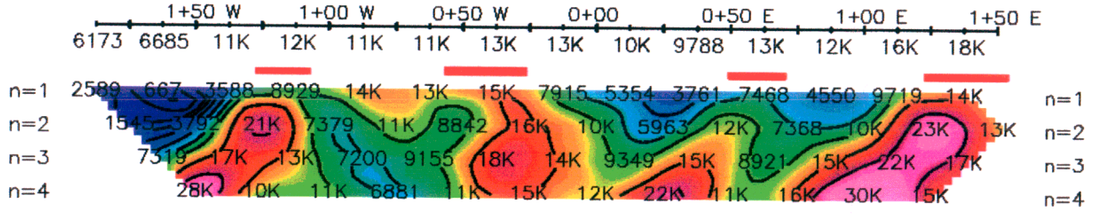
CHARGEABILITY
mV/Volt

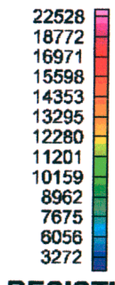




CHARGEABILITY
MV/V

APPARENT
RESISTIVITY
ohm-m

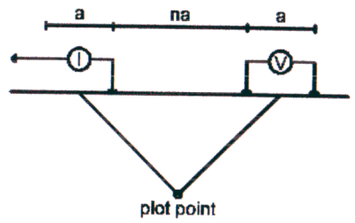




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

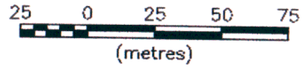


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

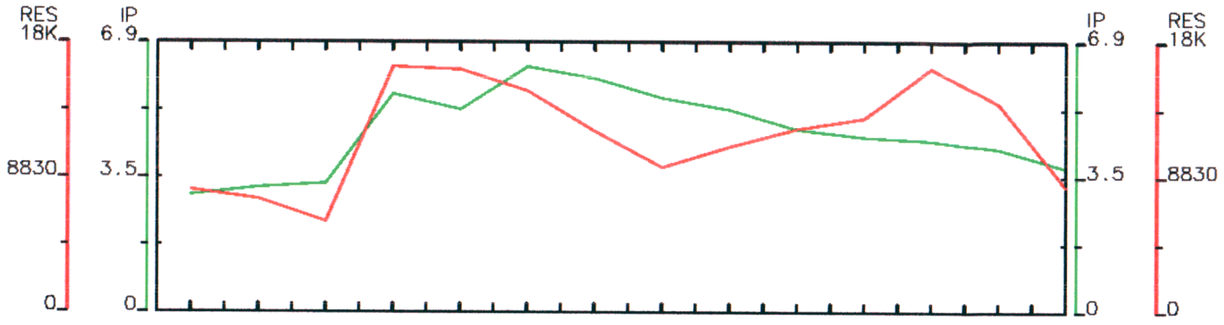


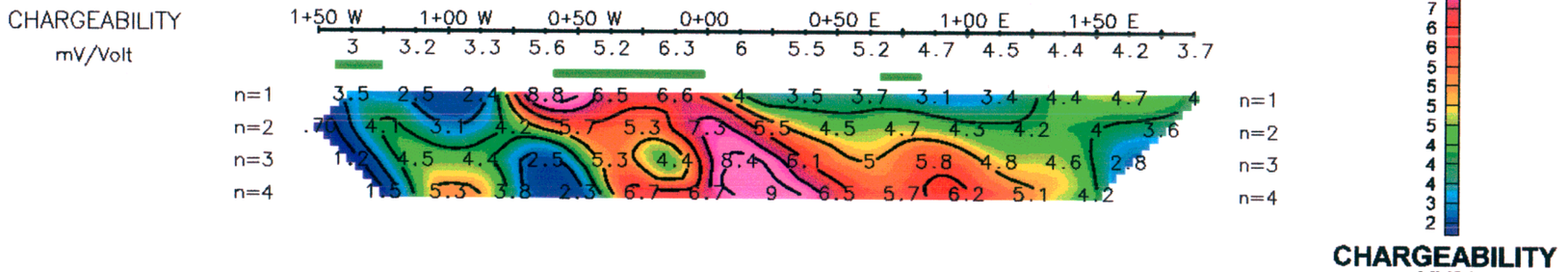
EM RESOURCES INC.

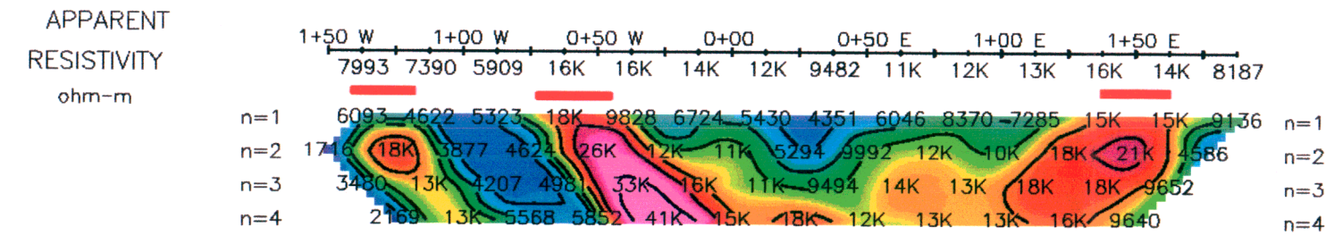
INDUCED POLARIZATION

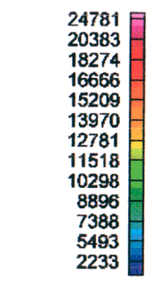
LINE 0+25MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



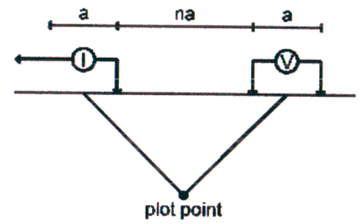






Filter

Pole-Dipole Array

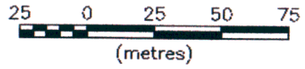


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

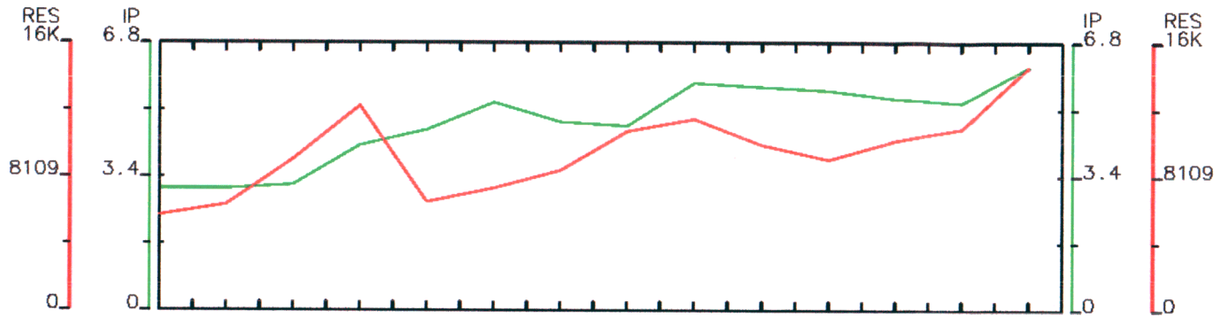


EM RESOURCES INC.

INDUCED POLARIZATION

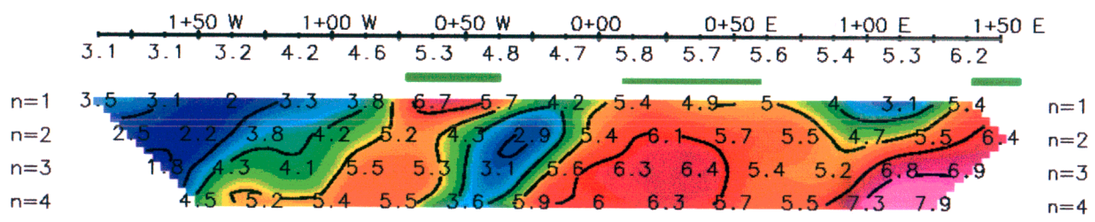
LINE 0+50MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



CHARGEABILITY

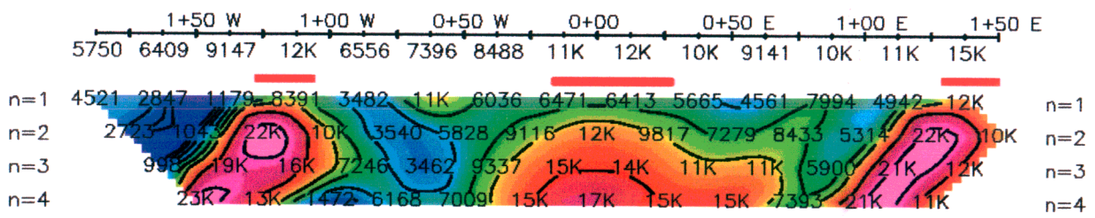
mV/Volt



APPARENT

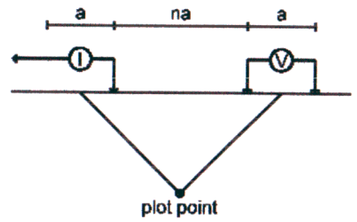
RESISTIVITY

ohm-m



Filter

Pole-Dipole Array

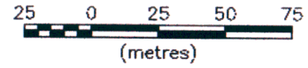


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

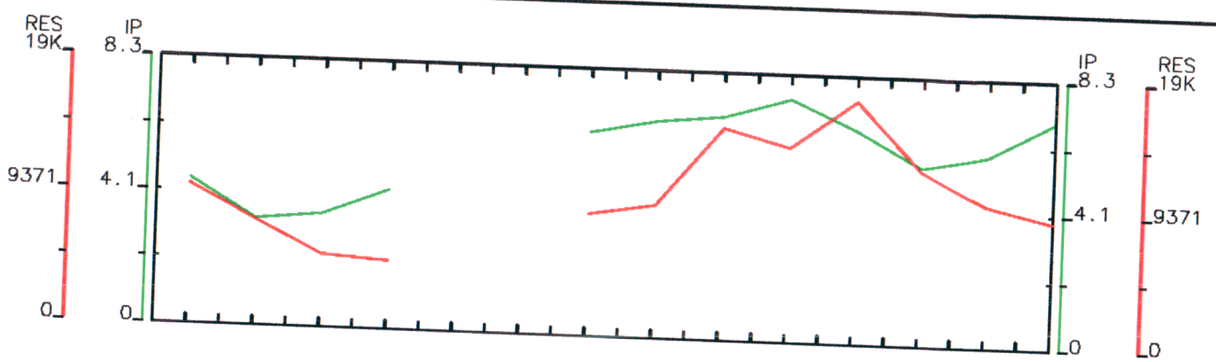


EM RESOURCES INC.

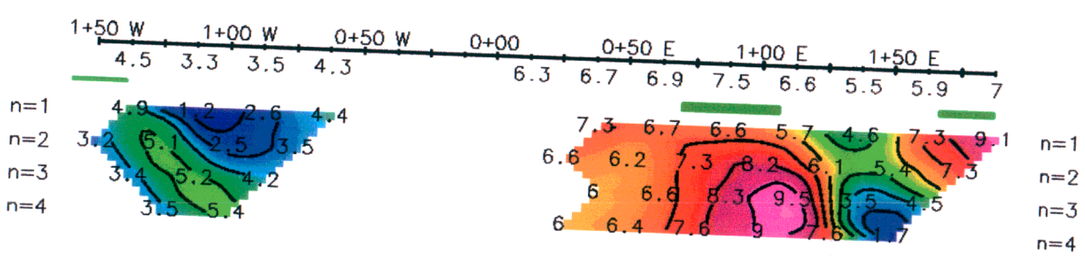
INDUCED POLARIZATION

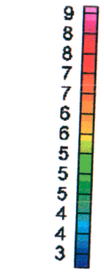
LINE 0+75MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



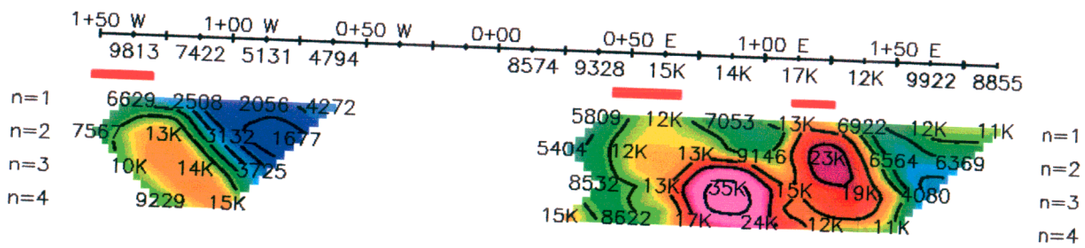
CHARGEABILITY
mV/Volt

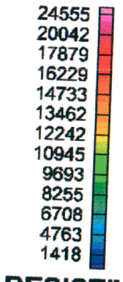




CHARGEABILITY
MV/V

APPARENT
RESISTIVITY
ohm-m

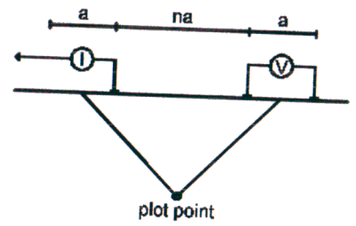




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

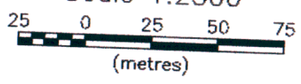


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

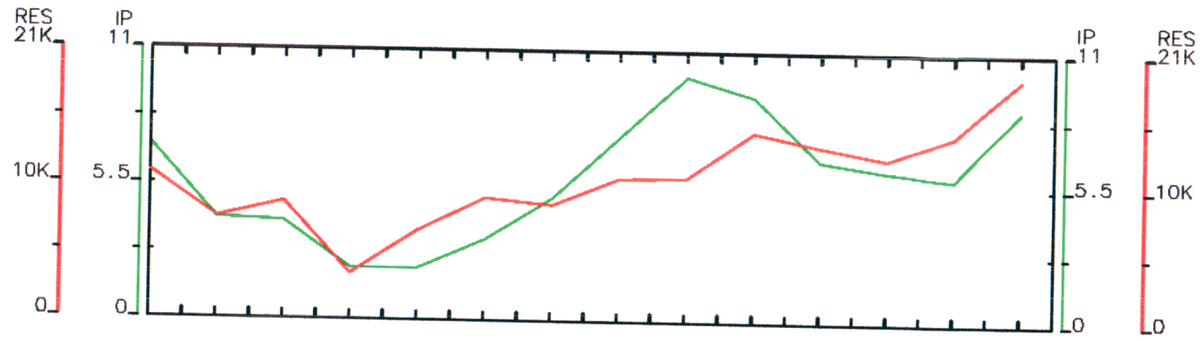


EM RESOURCES INC.

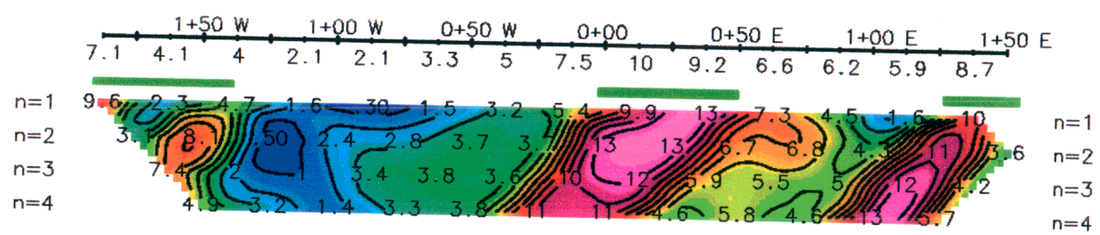
INDUCED POLARIZATION

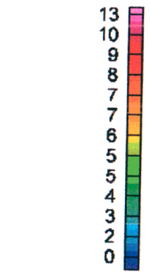
LINE 1+00MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



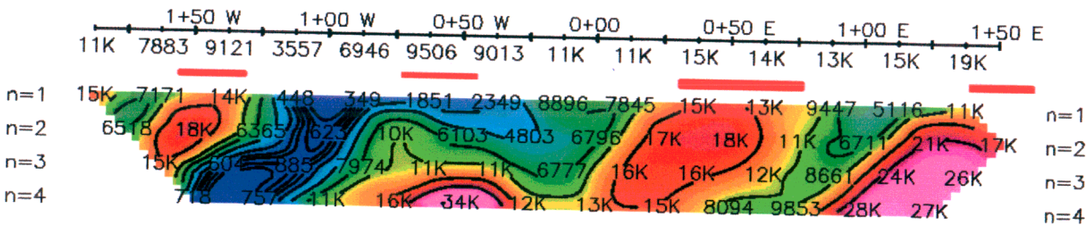
CHARGEABILITY
mV/Volt

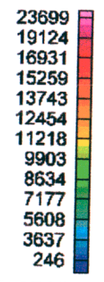




CHARGEABILITY
MV/V

APPARENT
RESISTIVITY
ohm-m

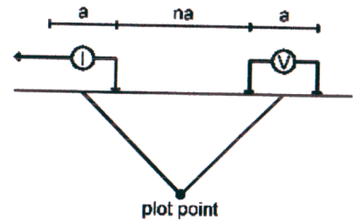




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

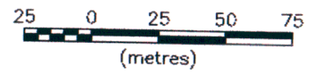


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

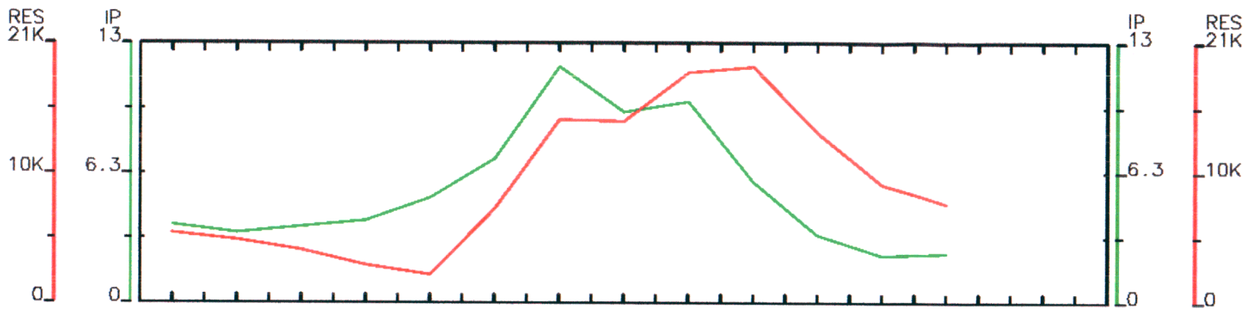


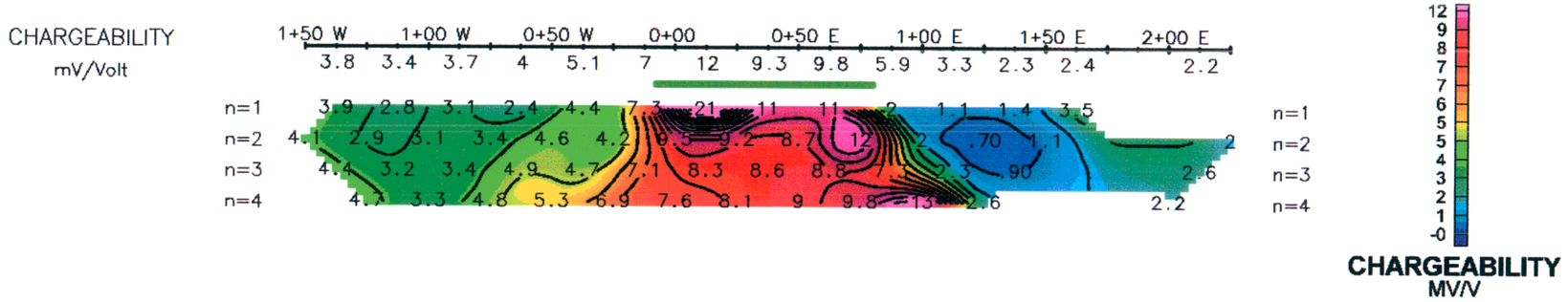
EM RESOURCES INC.

INDUCED POLARIZATION

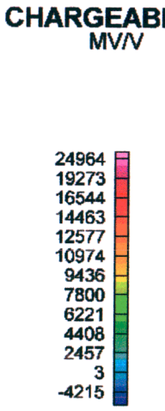
LINE 1+50MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.





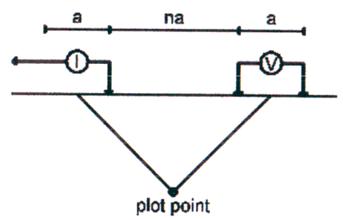
CHARGEABILITY
MV/V



RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

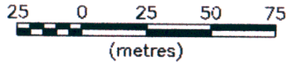


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

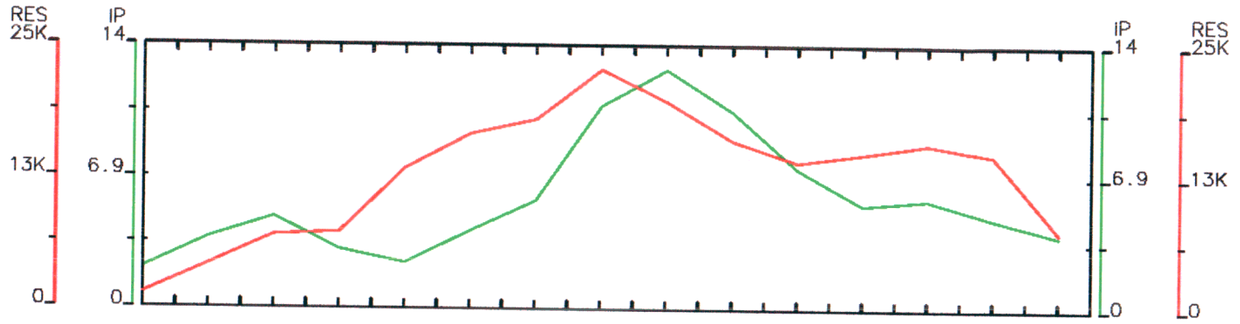


EM RESOURCES INC.

INDUCED POLARIZATION

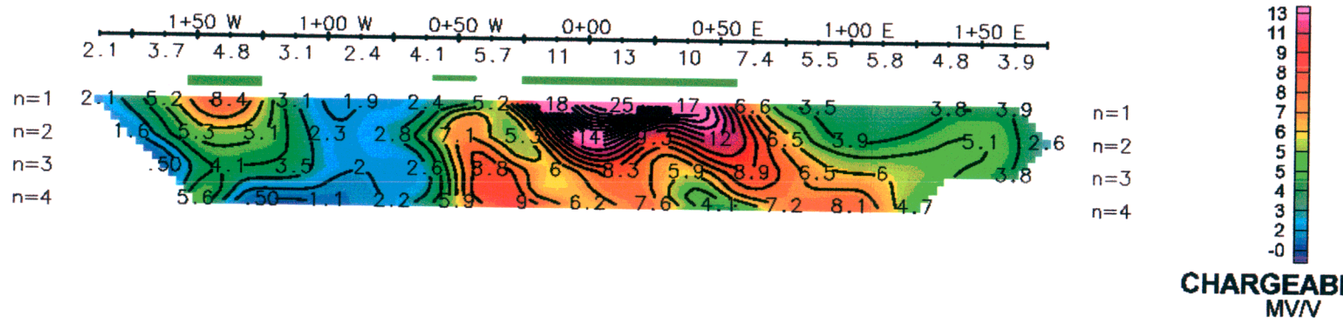
LINE 2+00MS

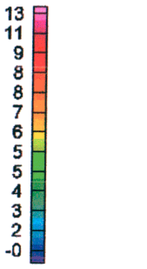
Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



CHARGEABILITY

mV/Volt



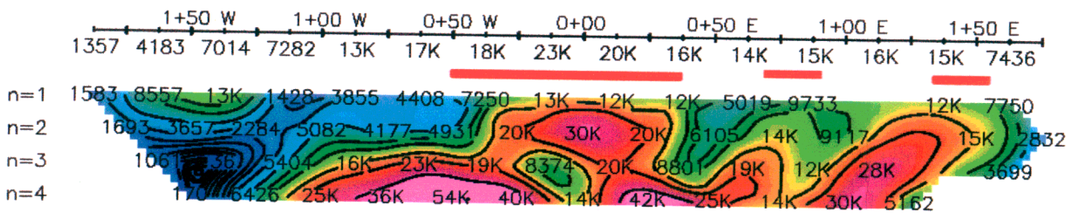


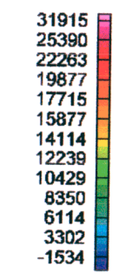
CHARGEABILITY
MV/V

APPARENT

RESISTIVITY

ohm-m

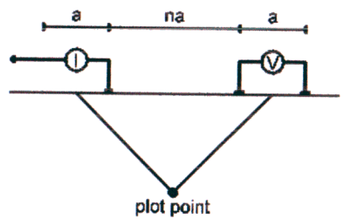




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array



DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 6
Comments :

CHARGEABILITY
Interval 1 , 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

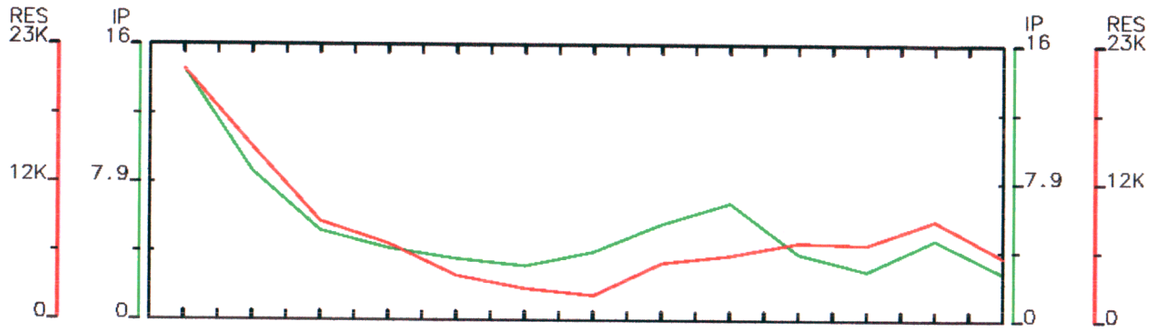
25 0 25 50 75
(metres)

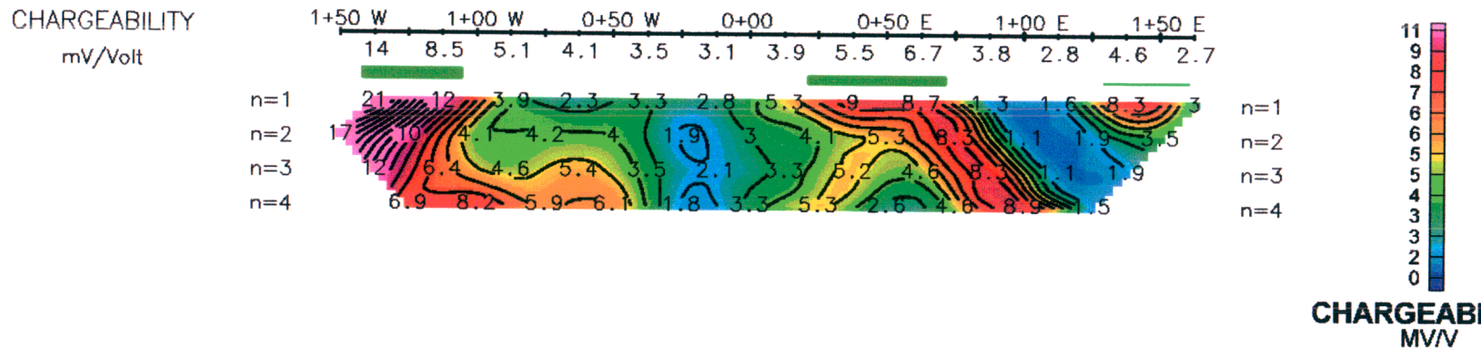
EM RESOURCES INC.

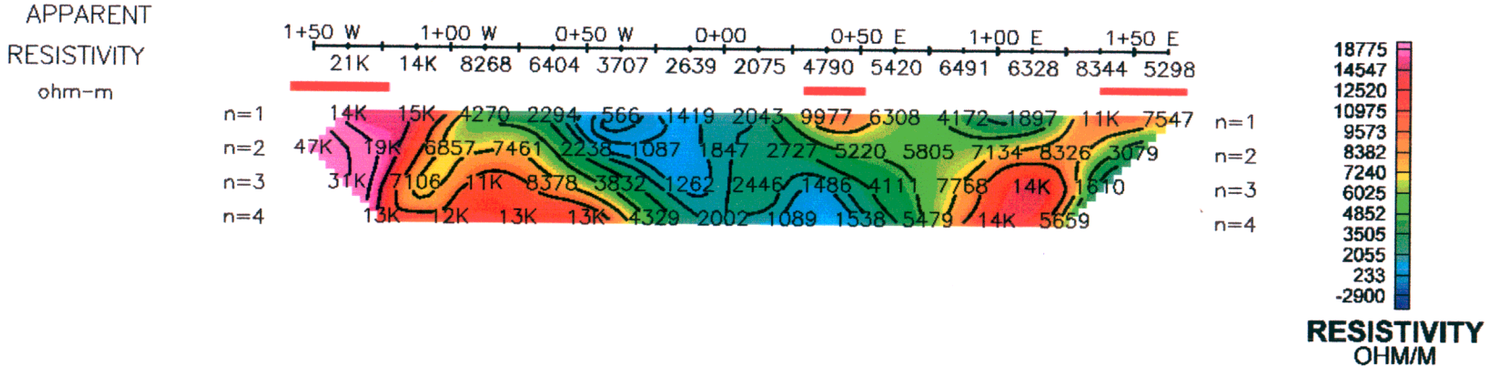
INDUCED POLARIZATION

LINE 2+50MS

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.

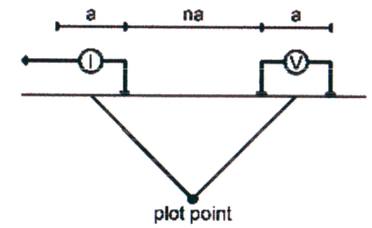






Filter

Pole-Dipole Array

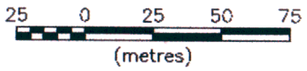


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

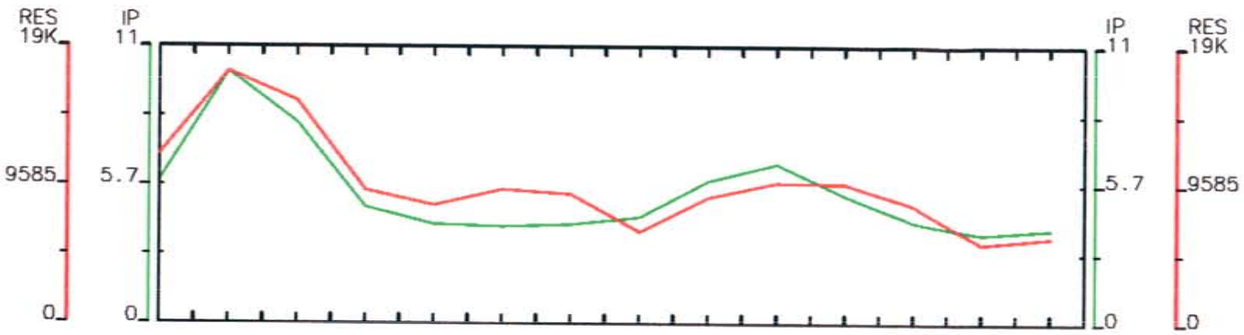


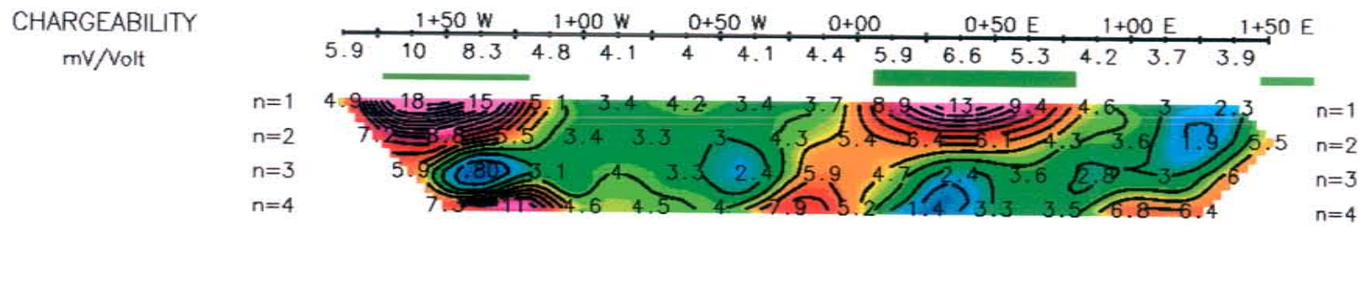
EM RESOURCES INC.

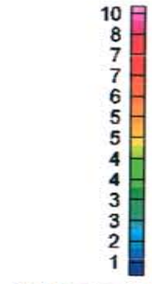
INDUCED POLARIZATION

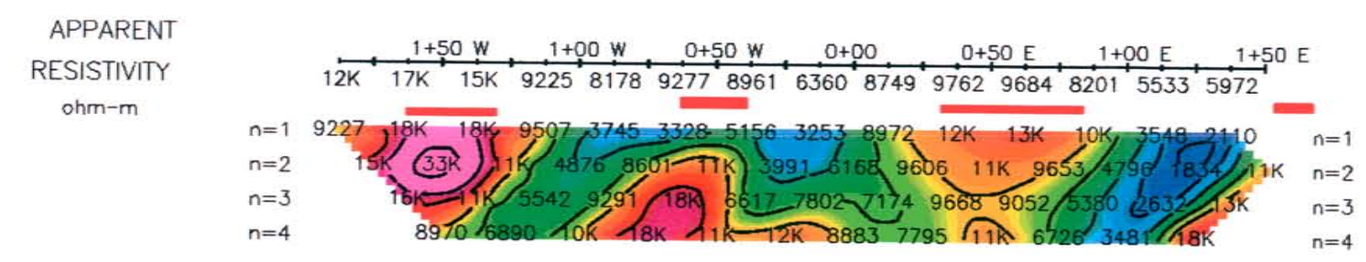
LINE 3+00MN

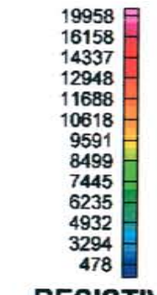
Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.











Filter

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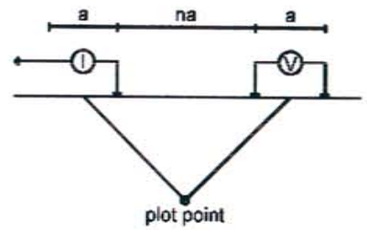
* * * * *
* * * * * *

Pole-Dipole Array

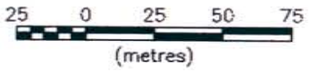


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

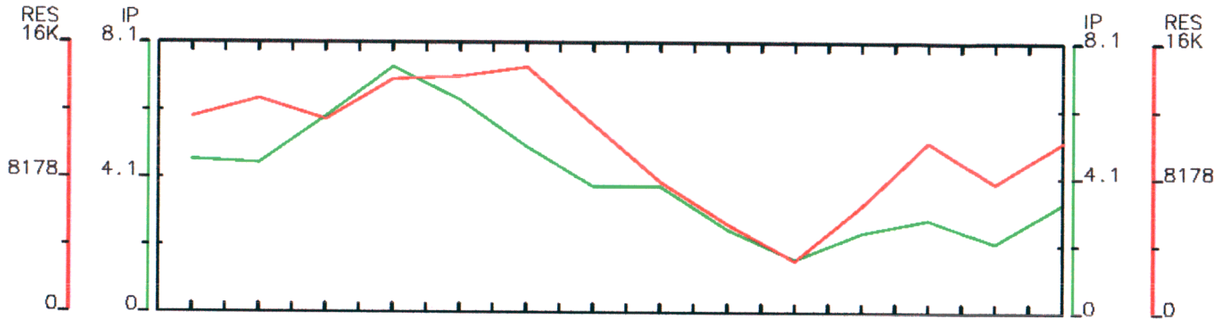


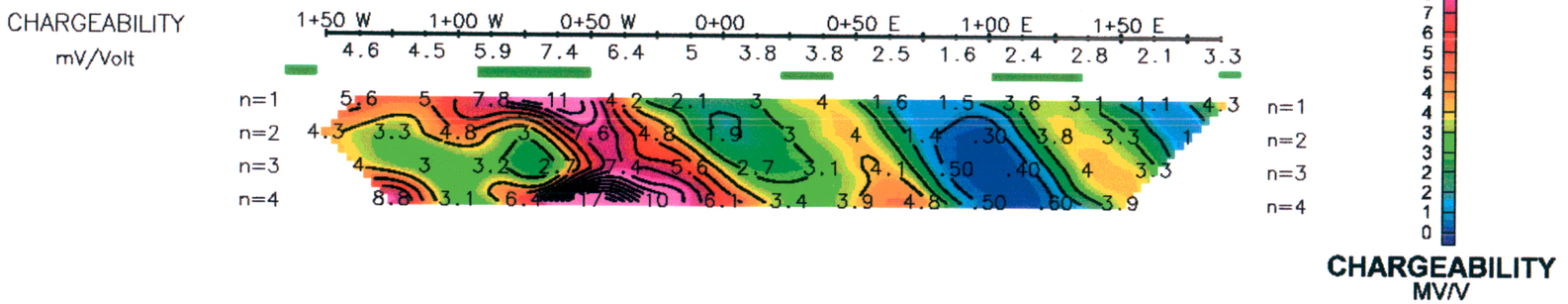
EM RESOURCES INC.

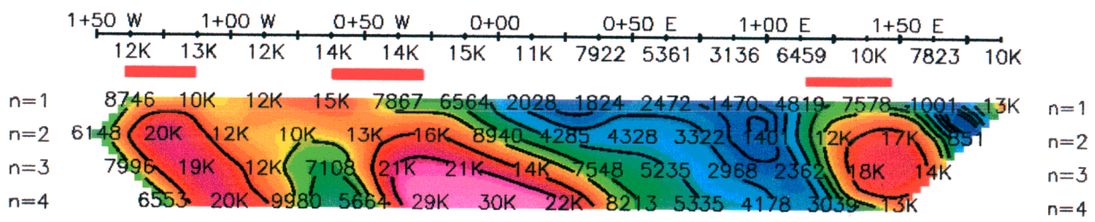
INDUCED POLARIZATION

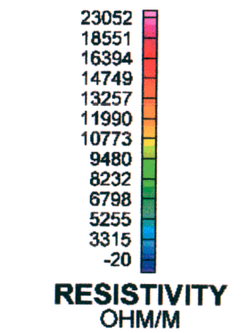
LINE 2+50MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



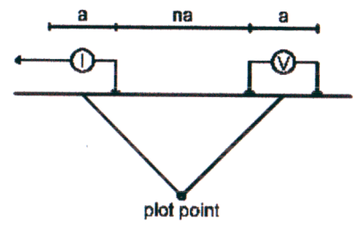






Filter

Pole-Dipole Array

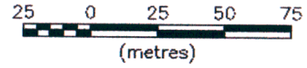


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

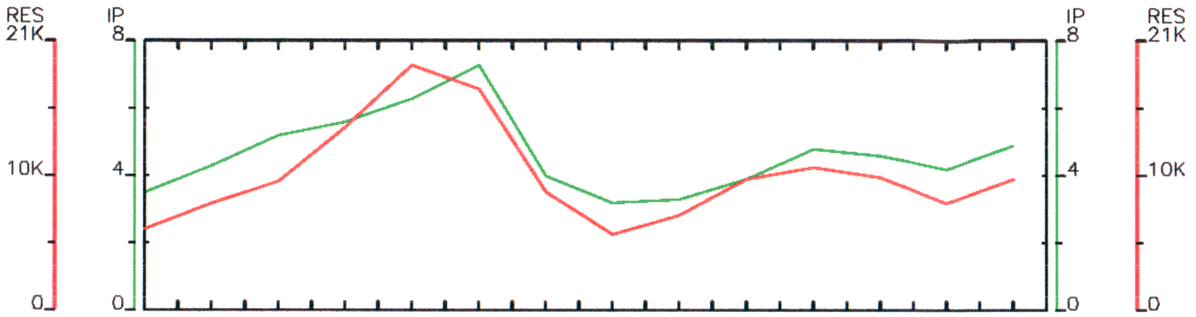


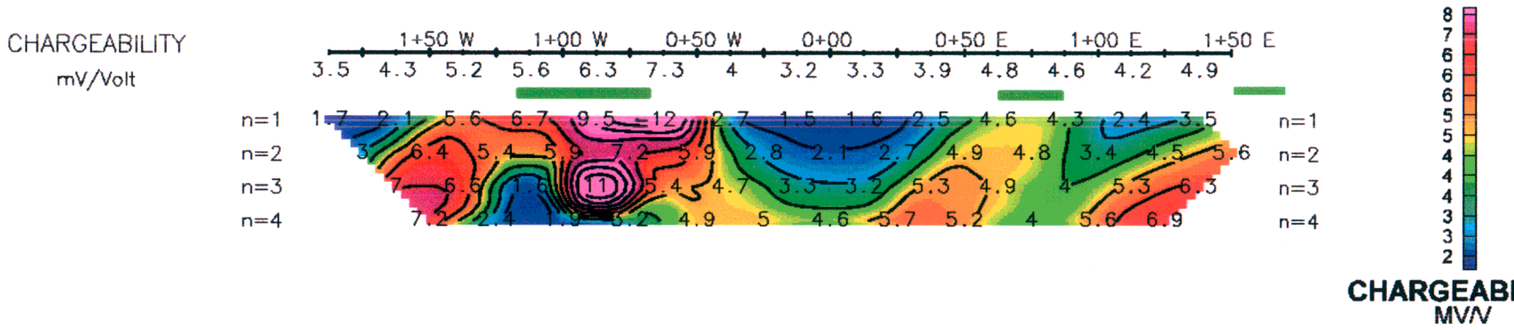
EM RESOURCES INC.

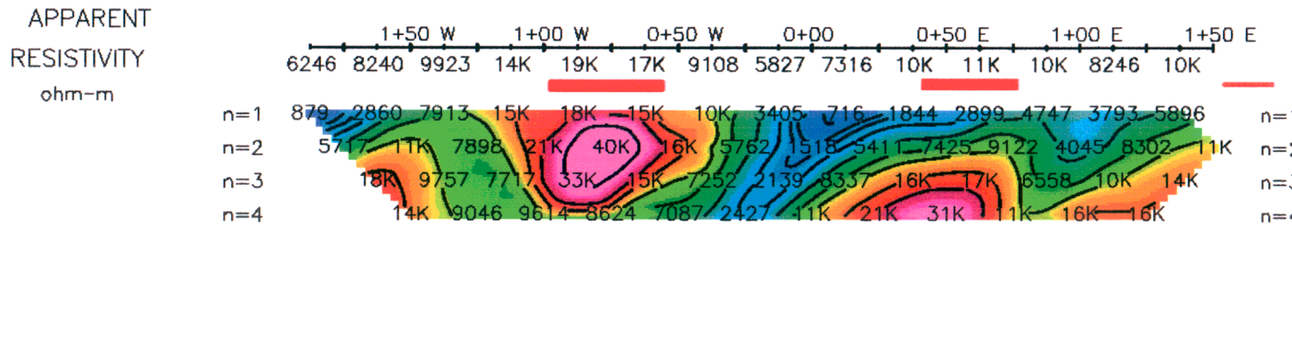
INDUCED POLARIZATION

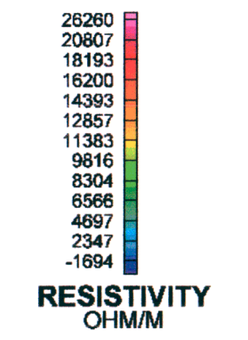
LINE 2+00MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



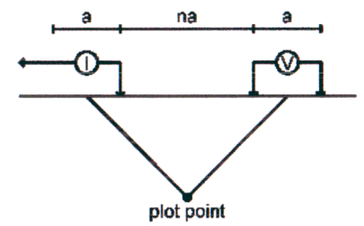






Filter

Pole-Dipole Array

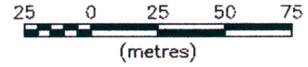


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

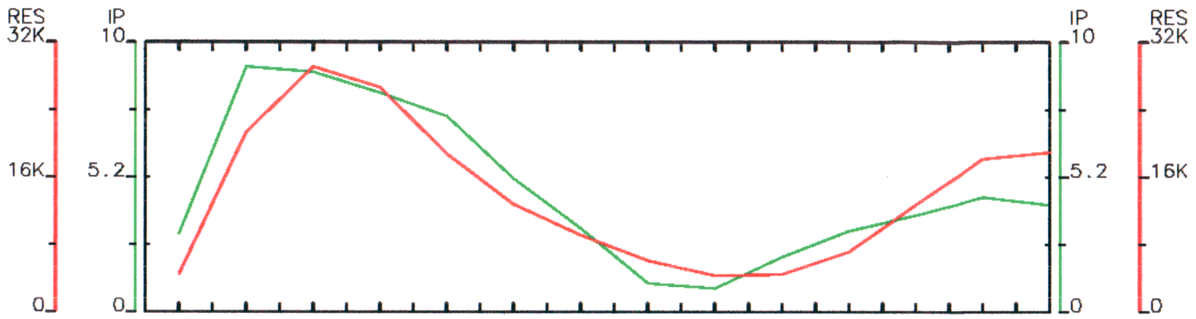


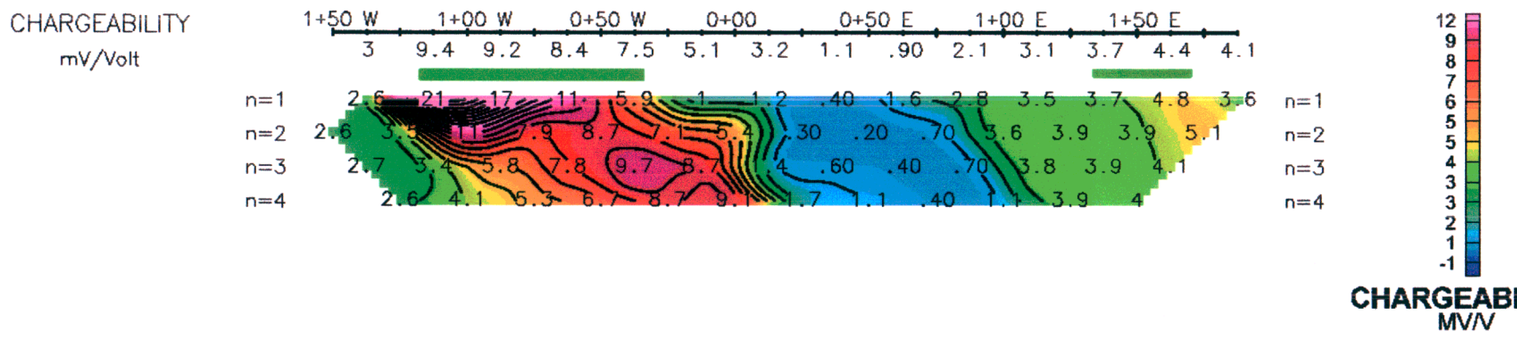
EM RESOURCES INC.

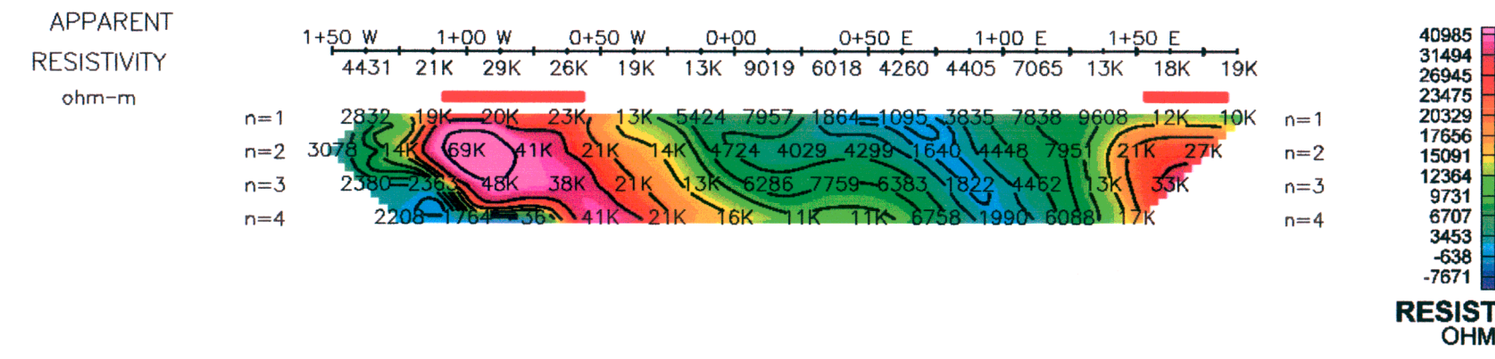
INDUCED POLARIZATION

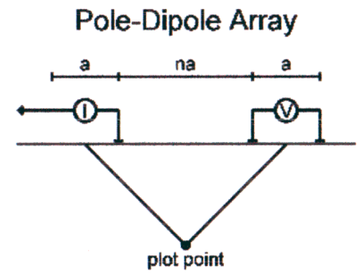
LINE 1+50MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.









DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

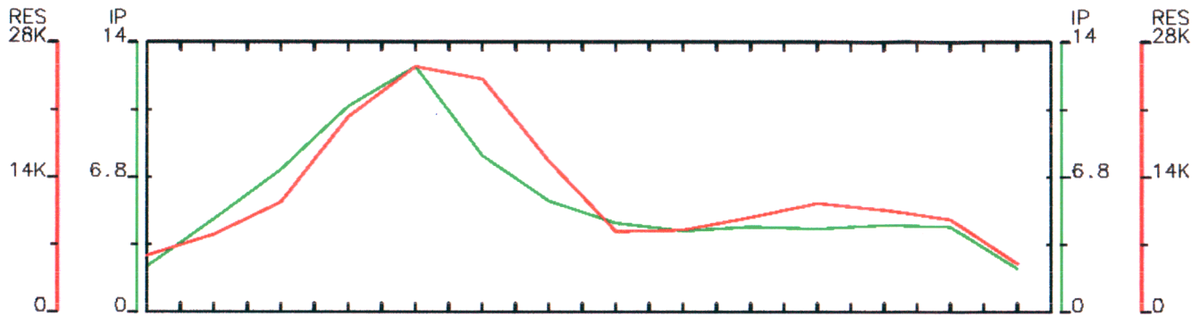
25 0 25 50 75
(metres)

EM RESOURCES INC.

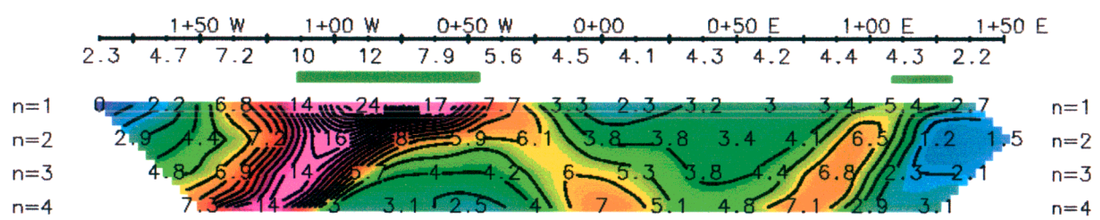
INDUCED POLARIZATION

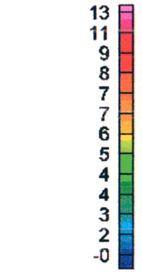
LINE 1+00MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



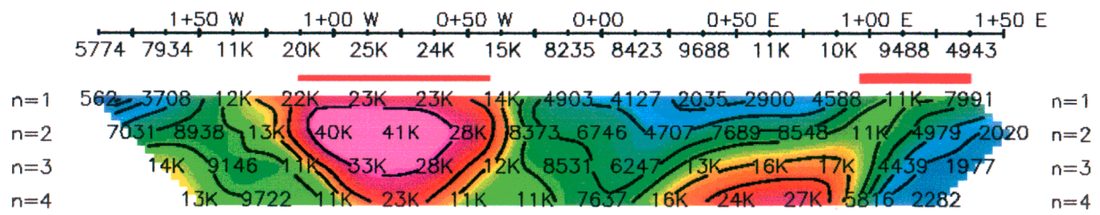
CHARGEABILITY
mV/Volt

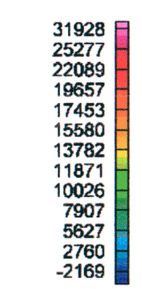




CHARGEABILTIY
MV/V

APPARENT
RESISTIVITY
ohm-m

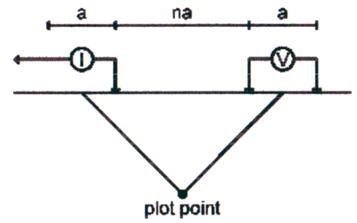




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

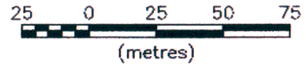


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

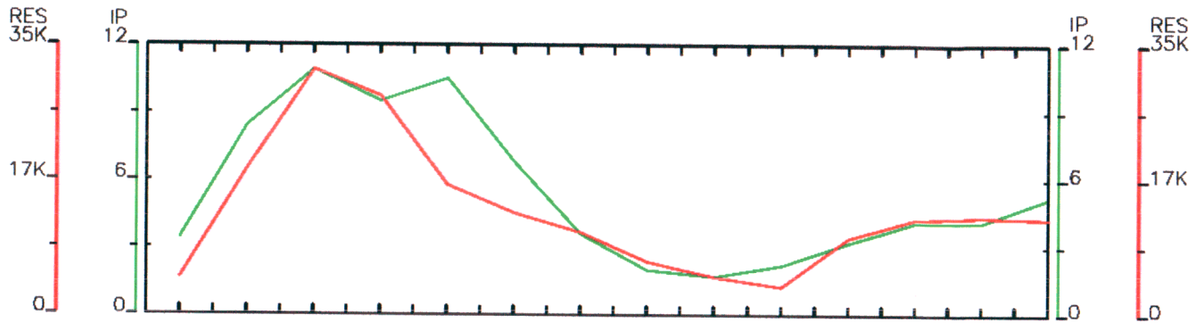


EM RESOURCES INC.

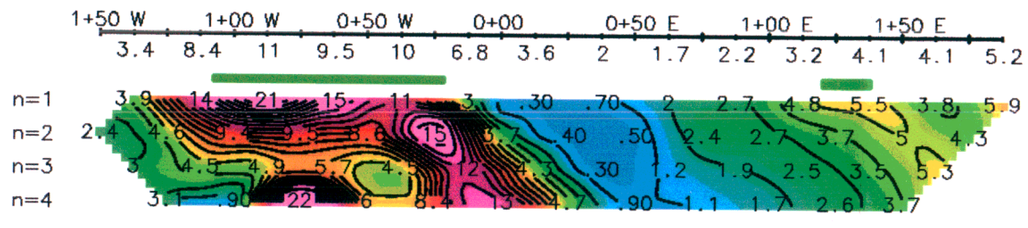
INDUCED POLARIZATION

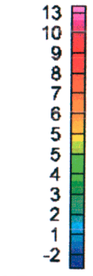
LINE 0+75MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



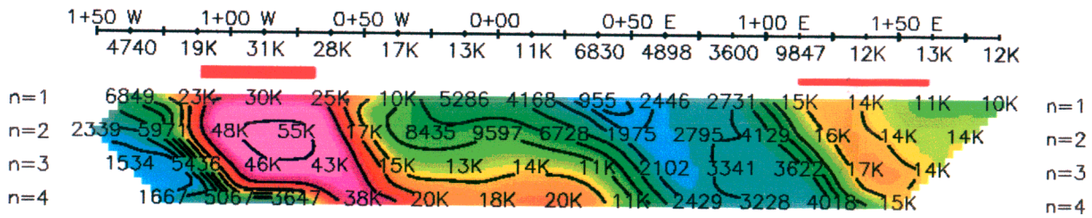
CHARGEABILITY
mV/Volt

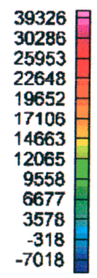




CHARGEABILTIY
MV/V

APPARENT
RESISTIVITY
ohm-m

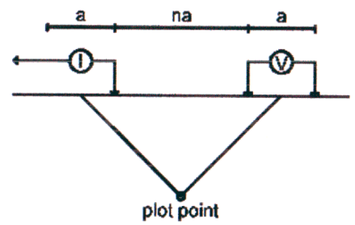




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array

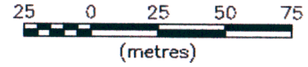


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

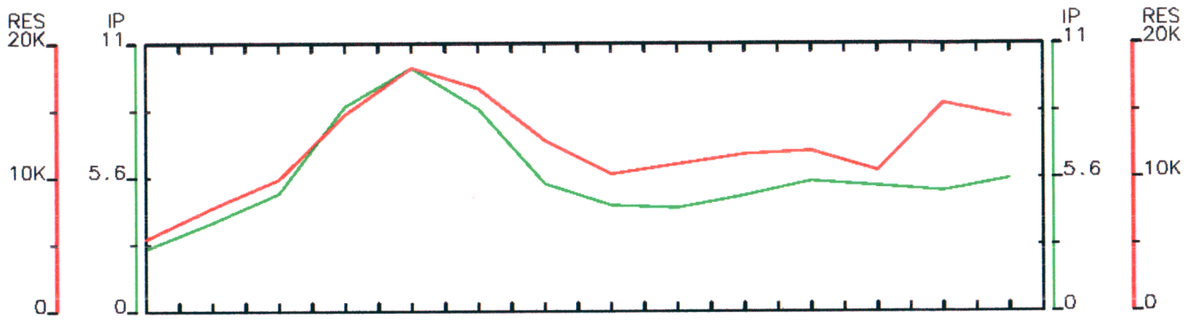


EM RESOURCES INC.

INDUCED POLARIZATION

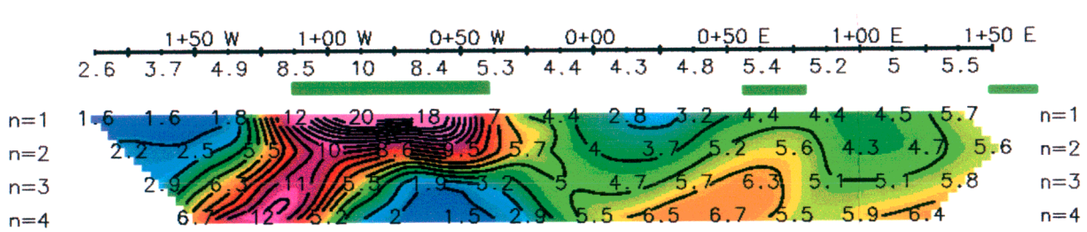
LINE 0+50MN

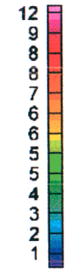
Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.



CHARGEABILITY

mV/Volt



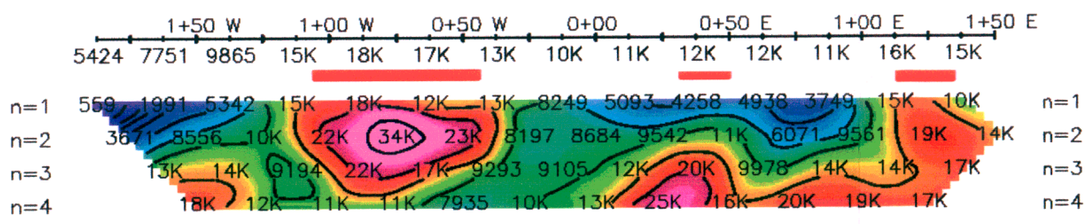


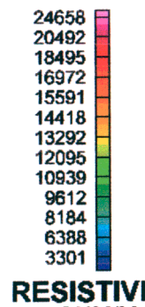
CHARGEABILITY
MV/V

APPARENT

RESISTIVITY

ohm-m

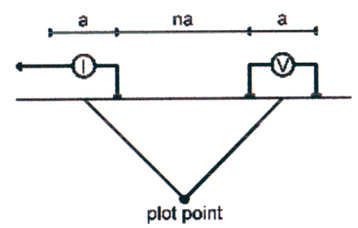




RESISTIVITY
OHM/M

Filter

Pole-Dipole Array



DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500

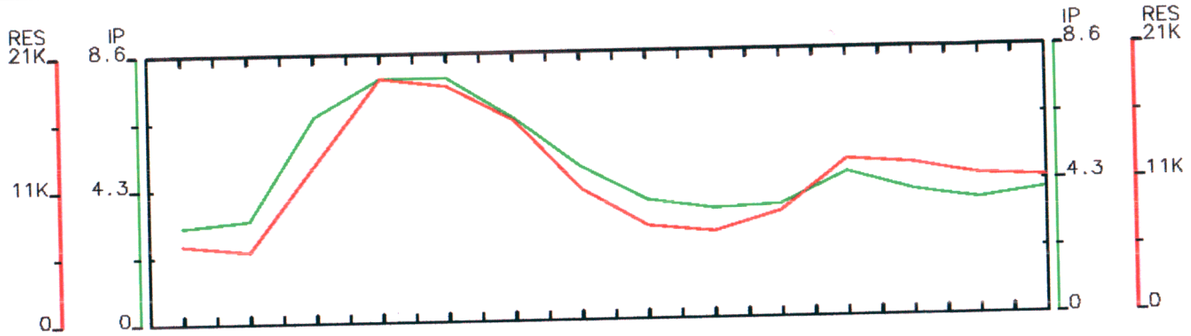
25 0 25 50 75
(metres)

EM RESOURCES INC.

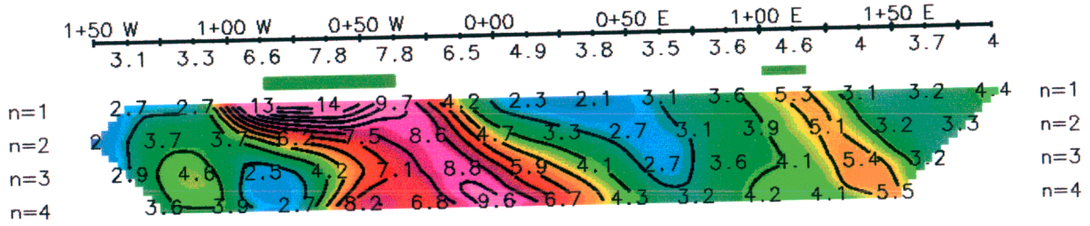
INDUCED POLARIZATION

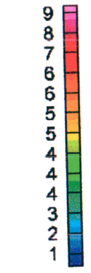
LINE 0+25MN

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.

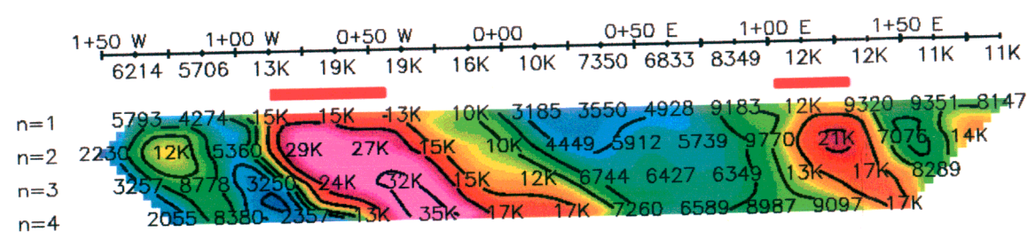


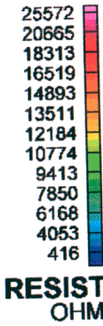
CHARGEABILITY
mV/Volt





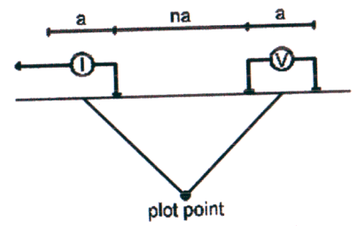
APPARENT
RESISTIVITY
ohm-m





Filter

Pole-Dipole Array

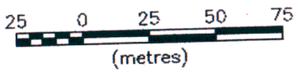


DIPOLE LENGTH : a=25M
DIPOLE SPACINGS : n = 4
Comments :

CHARGEABILITY
Interval 1, 10
RESISTIVITY
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,..

INSTRUMENTS
RECEIVER : ELREC 10
TRANSMITTER : GDD 3.6KWATT

Scale 1:2500



EM RESOURCES INC.

INDUCED POLARIZATION

LINE 0+00

Date : AUGUST/06
Property : MUSKASENDA LAKE PROJECT
Township : ENGLISH TOWNSHIP
Survey by : EXSICS EXPLORATION LTD.

4203817

MUSKASENDA

LAKE

TOTAL FIELD MAGNETICS
BASE 57000nT

Scale 1:1250

metres

EM RESOURCES INC.

MUSKASENDA LAKE PROJECT
TOTAL FIELD MAGNETIC SURVEY

SCINTREX ENVI MAG SYSTEM
CONTOUR INTERVALS: 100nT

AUGUST/06 ***EXSICS EXPLORATION LIMITED***