Appendix 3

ClearView Geophysics Report on Phase 2 Induced Polarization and Magnetometer Survey

Report on

Spectral IP / Resistivity & Magnetics Surveys

at the

Merico-Ethel Grid, Merico-Ethel Project
James & Tudhope Townships, Northeastern Ontario

Spring 2005

ClearView Geophysics Inc.

Report on

Spectral IP / Resistivity and Magnetics Surveys

at the

Merico-Ethel Grid, Merico-Ethel Project
James & Tudhope Townships, Northeastern Ontario
Spring 2005

On behalf of:

Temex Resources Corp.
1000-141 Adelaide Street West
Toronto, Ontario
M5H 3L5

telephone: (416) 862-2246
facsimile: (416) 862-2244
E-mail:

Contact: Mr. Ian Campbell

By:

ClearView Geophysics Inc.
12 Twisted Oak Street
Brampton, Ontario
L6R 1T1

telephone: 905.458.1883
facsimile: 905.792.1884
cellular: 416.617.1884
E-mail: clearview@geophysics.ca

Contact: Mr. Joe Mihelcic

ClearView Ref: *J0323*

TABLE of CONTENTS

LIST of FIGURES

LIST of PLATES

Appendix C

Pseudos 1:2500

1. INTRODUCTION

ClearView Geophysics Inc. carried out Spectral Induced Polarization Surveys for *Temex Resources Corp.* at their Merico-Ethel Grid, Merico-Ethel Project, James and Tudhope Townships, Northeastern Ontario. The fieldwork was carried out between April 15, 2005 and April 26, 2005. The work was done in order to complement coverage from work completed by ClearView in November/December 2004 (CV Ref.I1130), for the ongoing exploration programme.

The Merico-Ethel Grid is located approximately 4 km east-northeast of Elk Lake, Ontario. Its position relative to Elk Lake, bush roads, lakes and streams is indicated below (supplied by GeoVector Management Inc.).

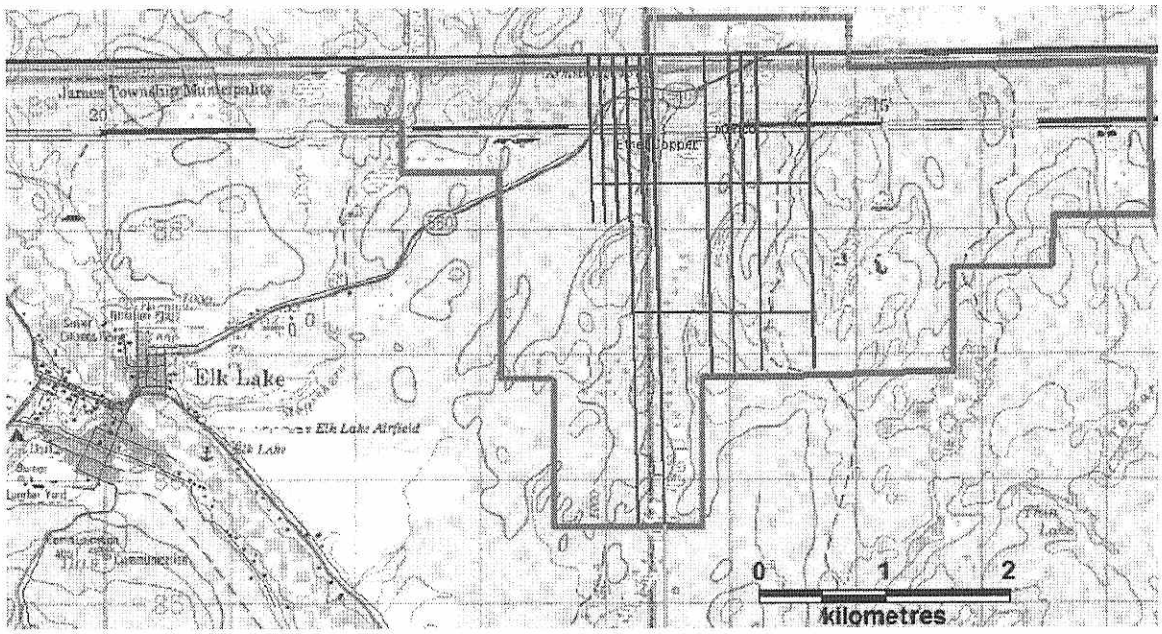


Figure 1 – Grid Location Map

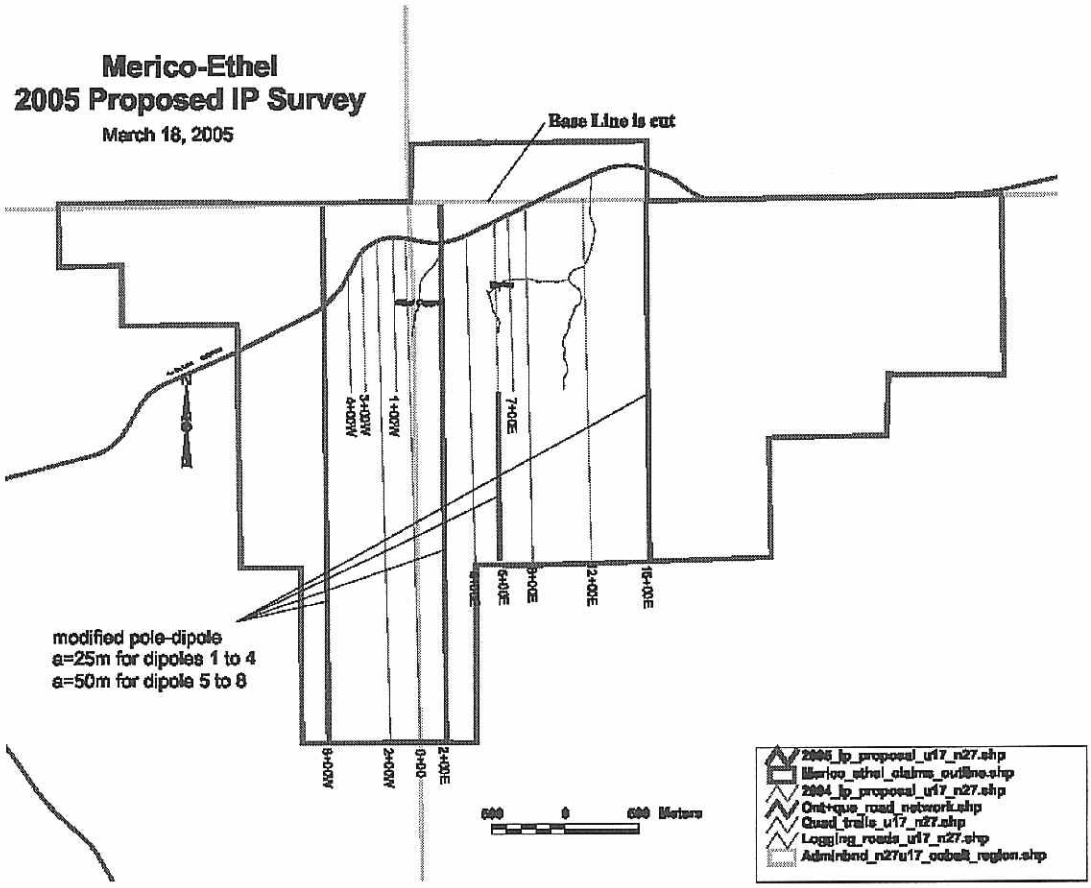


Figure 2 – Survey Coverage

2. SURVEY LOGISTICS

2.1 SURVEY PERSONNEL

The following personnel were employed to carry out the work at the Merico-Ethel Grid. The attached calendars indicate field dates worked for each crew member:

Mr. Jason Flood; Party Chief (IP):

Mr. Flood carried out the IP/resistivity fieldwork. He operated the IP receiver and was responsible for all members of the crew. He also edited and emailed the data presented in this report.

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25	April 26	April 27	April 28	April 29	April 30

Mr. Gord Hume; Sr. Technician (IP):

Mr. Hume carried out the IP/resistivity fieldwork. He also supported Mr. Flood with daily field operations.

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25 ✓	April 26 ✓	April 27	April 28	April 29	April 30

Field Assistants:

Several field assistants were employed to carry out field operations.

Mr. Bill Hume (IP):

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25	April 26	April 27	April 28	April 29	April 30

Mr. David Lauzon (IP):

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25	April 26	April 27	April 28	April 29	April 30

Mr. Jonathon Savard (IP):

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25	April 26	April 27	April 28	April 29	April 30

Mr. Richard Brett (IP):

Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
April 10	April 11	April 12	April 13	April 14	April 15 ✓	April 16 ✓
April 17 ✓	April 18 ✓	April 19 ✓	April 20 ✓	April 21 ✓	April 22 ✓	April 23 ✓
April 24 ✓	April 25	April 26	April 27	April 28	April 29	April 30

Mr. Graham Stone; Sr. Technician (IP):

Mr. Stone provided crew logistics/support and assisted in the preparation of this report.

Mr. Joe Mihelcic:

Mr. Mihelcic provided overall supervision. He also processed and plotted the data, and prepared this report.

2.2 SURVEY SPECIFICATIONS

Details for the IP survey and equipment are provided as follows:

Pole-Dipole Array (combination)	n=1-4, "a"=25 m; n=5-8, "a"=50m
Station interval	25 metres
Receiver	Scintrex IPR12, time domain
Transmitter	Phoenix IPT-1, 3 kW
Total Coverage	10 550 m

Details for the Mag survey and equipment are provided as follows:

Base Station Magnetometer	Gem Systems GSM-19 Proton Precession Mag
Field Magnetometer	Gem Systems GSM-19 Overhauser Mag
Base Station Cycle Time	5 seconds
Field Mag Station Spacing	5 meters
Total Coverage	15 095 meters

Refer to Appendix A for Instrument Specifications.

2.3 SURVEY METHODOLOGY

The IP survey consisted of injecting an electrical current into the ground for two seconds. The transmitter current was then turned off for two seconds, during which time a receiver recorded the decaying voltage at pre-defined intervals. The transmitter consisted of a current electrode placed at "infinity", which was sufficiently distant from the receiver array so that the line electrode acts as a "pole".

The line current electrode was moved along the survey line and maintained a distance of 50 metres from the nearest receiver electrode for the 1st reading. For the second reading, the current electrode was moved forward 25 metres and a reading recorded with the same potential electrode positions. There were nine receiver electrodes placed at 25-metre and 50-metre intervals. The first four dipoles are at 25-metre intervals. The second group of four dipoles is at 50-metre intervals. The potential receiver electrode, which is nearest the transmitter current electrode, is called "P1". The furthest electrode down the

line is called "P9". Eight dipoles were read for every position except at the end of the survey line where dipoles were dropped.

Voltage drops are measured between adjacent receiver electrode pairs, also called "dipoles". As the dipoles increase in distance from the transmitter current electrode, they will obtain decay information from deeper features. Therefore, the results are displayed as "pseudosections" (Appendix C). The transmitter operator measured the contact resistance and electric current passing through the current electrodes during the readings. These current measurements were relayed to the receiver operator and entered into the IPR12 instrument for subsequent apparent resistivity calculations.

The transmitter operator also wrote down field notes relayed by the line workers. These notes are related to topography and obstacles encountered along the survey line (e.g., cliffs, swamps, hydro lines, etc.) that could be relevant to interpretation of the data. A photocopy of the notes is presented in Appendix B of this report.

The Magnetometer Survey was carried out using two GSM-19 mag units. The base station mag was a proton precession magnetometer and recorded base station readings at 5 second intervals throughout each day. It was located in an area of low magnetic relief. The field mag used was an Overhauser magnetometer and the operator recorded readings at 5 meter intervals along the survey lines. At the end of each survey day, the base station readings were used to correct the field mag for diurnal drift.

2.4 DATA PROCESSING & PRESENTATION

The IP pseudosections presented in Appendix C contain the apparent resistivity, chargeability and spectral parameter panels. The selected slice of 690 ms to 1050 ms is the industry standard slice used by the *Scintrex* IPR-11 receiver. This was done so that experience gained by IP interpreters during the past decades could be applied more readily to the modern data. Spectral data for ***Tau, M-IP*** and ***'c'*** are calculated from a modified version of *Scintrex' Spectrum* software. This software mathes the IP data to a suite of master curves. Readings with poor matches are not plotted/presented.

The magnetics data are also presented in Appendix C (Plate 5) as profile maps with postings. Magnetic diurnal corrections were done using in-house software. Colour contour maps were not prepared due to the relatively large and irregular line-spacing.

All plots were output to an HP Designjet 800PS 42" colour plotter or Panasonic KX-P7105 laser printer.

2.5 DAILY IP LOG & COVERAGE

	IP Line	IP Coverage (C1 to last Potential)	IP Distance	Survey Activity
April 15	N/A	N/A	N/A	• Crew mobilizes • Setup infinity
April 16	L200E	C1=0S to P1=950S	950 m	• IP Survey • Finish setup and laying out wire • Problems with swamp and highway traffic
April 17	L200E	Continue to P1=2700S	1750m	• IP Survey
April 18	L200E L600E	Continue to Rx=3250S C1=925S to P1=1425S	550m 500m	• IP Survey • Move and start L600E
April 19	L600E	Continue to Rx=2525S	1100m	• IP Survey • Setup on L600W
April 20	L600W	C1=0S to P1=1900S	1900m	• IP Survey
April 21	L600W	Continue to Rx=3600S	1700m	• IP Survey
April 22	L1600E	C1=0S to P1=1350S	1350m	• Big Line change to L1600E • Read up to pond then set up on other side • IP Survey
April 23	L1600E	Continue to Rx=2400S	750m	• IP Survey • Picked up wire
April 24	N/A	N/A	N/A	• Packed gear, 5 men demob

2.6 DAILY MAG LOG & COVERAGE

Date (2005)	Mag Line	Mag Coverage	Mag Distance	Survey Activity
April 24	BL 0S L200E L600W	100E – 150E 0S – 3250S 0S – 3575S	50m 3250m 3575m	• Mag Survey
April 25	L0S L400E L600E L1000E L1600E L2000E	1050E – 2000E 0S – 300S 1300S – 2525S 1250S – 2400S 0S – 1425S & 1630S –2400S 0S – 2375S	950m 300m 1225m 1150m 2195m 2375m	• Mag Survey
April 26	N/A	N/A	N/A	1 man demob

There were a few minor problems encountered during the survey. Since the survey was conducted during the spring melt, there were a few instances where water levels made it difficult for the crew to work without getting soaked, so production was slowed in order for them to negotiate these watercourses. Traffic also played a role in slowing production at the beginning of L200E.

If there are any questions about the surveys, please do not hesitate to contact the undersigned.

Sincerely,

ClearView Geophysics Inc.

Joe Mihelcic, P.Eng., M.B.A.
Geophysicist/President

3. STATEMENT OF QUALIFICATIONS, JOE MIHELCIC

I, Joe Mihelcic, Hereby certify that:

1) I am a geophysicist with business office at 12 Twisted Oak Street, Brampton, Ontario L6R 1T1.

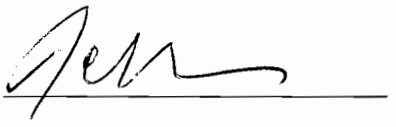
2) I am a principle of ClearView Geophysics Inc., a company performing geophysical services.

3) I am a graduate of Queen's University in Applied Science, Geological Engineering (B.Sc. 1988) and of Ivey Business School (M.B.A. 1995).

4) I am a member of the Professional Engineers of Ontario (PEO).

5) I have practiced by profession for over 15 years.

6) I do not have a direct or indirect interest in Temex Resources Corp. securities.

Signed 

Joe Mihelcic, P.Eng., M.B.A.
Brampton, Ontario
June 10, 2005

APPENDIX A – Instrument Specifications

Internal Power Modules

BPS-1 DRY CELL BATTERY POWER MODULE

Output Voltage : 90V, 180V and 360V.

Output Current : 1 mA to 1A maximum.

Output Power : Recommended maximum output power is 30 watts. Absolute maximum output power is 100 watts.

Power Supply : 8x45V dry cell batteries (Eveready 482, Mallory 202 or equivalent). Normal field operation, with low output power, results in an average battery life expectancy of one month. Operation with the absolute maximum output power results in much shorter battery life.

Control Supply : 4 x 6V lantern batteries (Eveready 409, Mallory 908 or equivalent) connected in series/parallel are used to provide the 40 to 70 mA at 12V required for the control circuitry. Average battery life expectancy is six months

Operating Temperature : 0°C to + 60°C.

BPS-2 RECHARGEABLE BATTERY POWER MODULE

Output Voltage : 50V, 106V, 212V, 425V, and 850V.

Output Current : 3 mA to 3A.

Output Power : Maximum output power is 300 watts. Above this output power a protective cut-out is engaged to prevent battery and circuit damage.

Batteries : 4 x 12V rechargeable gell cell batteries connected in series/parallel have a capacity of 9 A-hr. External batteries (such as car or motorcycle batteries) may also be used. A special cord and plug are provided for this mode of operation. An adaptor cord connects the 12V batteries in parallel with the 12V charging unit.

Operating Temperature : -40°C to +60°C. Below 0°C the capacity of the batteries is significantly reduced (by 70% at -40°C).

AC 3000 TRANSFORMER POWER MODULE

Output Voltage : 75V, 150V, 300V, 600V and 1200V.

Output Current : 3 mA to 10A.

Output Power : Maximum continuous output power is 3KW with MG-3 motor generator, 2KW with MG-2 motor generator and 1KW with MG-1 motor generator.

Input Power : Three phase, 400 Hz (350 to 1000 Hz), 60V (50V to 80V) is standard. Three phase, 400 Hz (350 to 1000 Hz), 120V (100V to 160V) is optional.

Current Regulation : Achieved by feedback to the alternator of the motor generator unit.

Operating Temperature : -40°C to +60°C.

Thermal Protection : Thermostat turns off at 65°C and turns back on at 55°C internal temperature.

AC 3003 TRANSFORMER POWER MODULE

Same as AC 3000 except for:

Output Voltage : 44V, 87V, 175V, 350V and 700V.

Frequency Range : DC to 3000 Hz under external drive (all other power modules have a maximum frequency of 5 Hz).

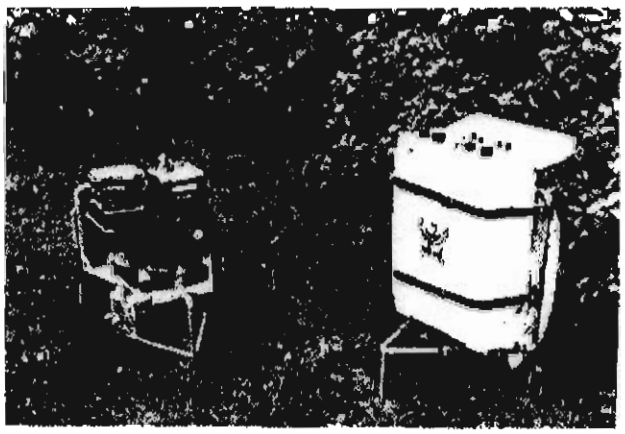
(Note: AC 3003 is not intended for extended time domain operation)

General

Dimensions : 20 x 40 x 55 cm (9 x 16 x 22 in).

Weight : 13 kg (29 lb) with BPS-1.
13 kg (29 lb) with BPS-2.
17 kg (37 lb) with AC-3000.
18 kg (40 lb) with AC-3003.

Standard Accessories : Pack frame, manual. At least one of the four possible power modules is required. The transformer power modules in turn require one of the three external 1KVA, 2KVA, 3KVA, motor generators and a connecting cable.



SPECIFICATIONS

Inputs
1 to 8 dipoles are measured simultaneously.

Input Impedance
16 Megohms

SP Bucking
± 10 volt range. Automatic linear correction operating on a cycle by cycle basis.

Input Voltage (Vp) Range
50 µvolt to 14 volt

Chargeability (M) Range
0 to 300 millivolt/volt

Tau Range
60 microseconds to 2000 seconds

Reading Resolution of Vp, SP and M
Vp, 10 microvolt; SP, 1 millivolt; M, 0.01 millivolt/volt

Absolute Accuracy of Vp, SP and M
Better than 1%

Common Mode Rejection
At input more than 100db

Vp Integration Time
10% to 80% of the current on time.

IP Transient Program
Total measuring time keyboard selectable at 1, 2, 4, 8, 16 or 32 seconds. Normally 14 windows except that the first four are not measured on the 1 second timing, the first three are not measured on the 2 second timing and the first is not measured on the 4 second timing. An additional transient slice of minimum 10 ms width, and 10ms steps, with delay of at least 40 ms is keyboard selectable. Programmable windows also available.

Transmitter Timing
Equal on and off times with polarity change each half cycle. On/off times of 1, 2, 4, 8, 16 or 32 seconds. Timing accuracy of ±100 ppm or better is required.

External Circuit Test
All dipoles are measured individually in sequence, using a 10 Hz square wave. The range is 0 to 2 Mohm with 0.1 kohm resolution. Circuit resistances are displayed and recorded.

Synchronization
Self synchronization on the signal received at a keyboard selectable dipole. Limited to avoid mistriggering.

Filtering
RF filter, 10 Hz 6 pole low pass filter, statistical noise spike removal.

Internal Test Generator
1200 mV of SP; 807 mV of Vp and 30.28 mV/V of M.

Analog Meter
For monitoring input signals; switchable to any dipole via keyboard.

Keyboard
17 key keypad with direct one key access to the most frequently used functions.

Display
16 lines by 40 characters, 128 x 240 dots, Backlit SuperTwist Liquid Crystal Display. Displays instrument status and data during and after reading. Alphanumeric and graphic displays.

Display Heater
Available for below -15°C operation.

Memory Capacity
Stores approximately 400 dipoles of information when 8 dipoles are measured simultaneously.

Real Time Clock
Data is recorded with year, month, day, hour, minute and second.

Digital Data Output
Formatted serial data output for printer and PC etc. Data output in 7 or 8 bit ASCII, one start, one stop bit, no parity format. Baud rate is keyboard selectable for standard rates between 300 baud and 57.6 kBaud. Selectable carriage return delay to accommodate slow peripherals. Hand-shaking is done by X-on/X-off.

Standard Rechargeable Batteries
Eight rechargeable Ni-Cad D cells. Supplied with a charger, suitable for 110/230V, 50 to 60 Hz, 10W. More than 20 hours service at +25°C, more than 8 hours at -30°C.

Ancillary Rechargeable Batteries
An additional eight rechargeable Ni-Cad D cells may be installed in the console along with the Standard Rechargeable Batteries. Used to power the Display Heater or as backup power. Supplied with a second charger. More than 6 hours service at -30°C.

Use of Non-Rechargeable Batteries
Can be powered by D size Alkaline batteries, but rechargeable batteries are recommended for lower cost over time.

Operating Temperature Range
-30°C to +50°C

Storage Temperature Range
-30°C to +50°C

Dimensions
Console: 355 x 270 x 165 mm
Charger: 120 x 95 x 55 mm

Weights
Console: 5.8 kg Batteries: 1.3 kg
Charger: 1.1 kg

Transmitters Available
IPC-9 200 W TSQ-2E 750 W
TSQ-3 3 kW TSQ-4 10 kW

VERSA TX

SCINTREX

Earth Science Instrumentation

ISO 9001 REGISTERED COMPANY SGS

Head Office
SCINTREX Limited
222 Snidercroft Road
Concord, Ontario, Canada L4K 1B5
Telephone: (905) 669-2280
Fax: (905) 669-6403
e-mail: scintrex@scintrexltd.com
website: www.scintrexltd.com

In the U.S.A.
SCINTREX Inc.
900 Woodrow Lane, Suite #100
Denton, Texas
76205 U.S.A.
Telephone: (940) 591-7755
Fax: (940) 591-1968
e-mail: richardj@scintrexusa.com

In S.E. Asia
SCINTREX/AUSLOG
P.O. BOX 125 Summer Park
83 Jijaws Street, Brisbane
Telephone: +61-7-3376-5188
Fax: +61-7-3376-6626
e-mail: auslog@auslog.com.au
website: www.auslog.com.au

Proton Precession Theory of Operation

In a typical proton magnetometer, current is passed through a coil wound around a sensor containing a proton rich liquid. The auxiliary DC field ***B*** created by the coil (>100 Gauss) polarizes the protons in the liquid which build up to a higher thermal equilibrium with the auxiliary magnetic field. The current and hence the field is abruptly terminated, allowing the polarized protons to precess around the Earth's magnetic field direction with a frequency ***f***, which is strictly proportional to the applied field value:

f = 42.5763751 MHz/T

The scalar component of the Earth's field is derived from the frequency of the precession signal which decays exponentially and lasts till the protons return to steady state. The quality of the measurement can be derived from the signal amplitude and its decay characteristics and is averaged over the sampling period and recorded.

The light weight and variable cycling speed (1 reading per 3 to 60 second - 0.5 sec for walking option) and exceptionally low power consumption over a wide temperature range and low noise levels combine to make possible a superior magnetic field measuring device. An option for low field measurement is accomplished by creating a small auxiliary magnetic flux density while polarizing.

Optional Omnidirectional VLF

With GEM Systems' omnidirectional VLF option, up to three transmitter stations of VLF data can be acquired without orienting the sensor. Moreover, the operator is able to record both magnetic and VLF data with a single operation on the key pad.

Frequency Range:	15 - 30.0 kHz
Parameters Measured:	Vertical in-phase & out-of-phase components as % of total field. 2 relative components of the horizontal field. The absolute amplitude of the total field.
Resolution:	0.1%
Number of Stations:	Up to 3 at a time.

Data editing, processing, compiling and interpreting software options available with GSM-19T series

GSM-19T Sensor Specifications

Sensitivity:	0.2 nT/√Hz
Resolution:	0.01 nT
Absolute Accuracy:	1.0 nT
Dynamic Range:	20,000 to 100,000 nT
Gradient Tolerance:	>7,000 nT/meter
Sampling Rate:	1 reading per 3 to 60 seconds
Console:	223 x 69 x 240 mm, 2.1 kg
Sensor:	140 x 75 mm diameter cyl.
Sensor and Staff Assembly:	(1) 2.0 kg, (2) 3.0 kg
VLF Sensor:	160 x 150 x 150 mm, 1.3 kg

Environmental:
Storage Temperature: -70°C to 60°C.
Operating Temperature: -40°C to 60°C.
Humidity: 0 to 100%, splashproof console.

Power Requirements:
12 V 2.2 Ah battery will operate continuously for 45 hours on standby

Power Consumption:
12 watt-seconds per reading typical at 20 degrees C.

Outputs:
Direct readings of the Earth's magnetic field in ascii format at selectable baud rates and optional analog 200-step voltages for chart recorders.

About GEM Systems Inc.

GEM Systems has provided its clients with quality instrumentation for magnetic measurements of the Earth's magnetic field since 1980. A commitment to high performance, small size and weight and low power consumption has been the GEM Systems' philosophy since the introduction of its first instrument.

52 West Beaver Creek Rd. #14
Richmond Hill, ON L4B 1L9 Canada
Tel (905) 764 8008 Fax (905) 764 2949
http://www.GEMSys.on.ca
email: info@GEMSys.on.ca

GEM Systems
ADVANCED MAGNETOMETERS

Revsion 12/00

Key System Components

Key components that differentiate the GSM-19 from other systems on the market include the sensor and data acquisition console. Specifications for components are provided on the right side of this page.

Sensor Technology

GEM's sensors represent a proprietary innovation that combines advances in electronics design and quantum magnetometer chemistry.

Electronically, the detection assembly includes dual pick-up coils connected in series opposition to suppress far-source electrical interference, such as atmospheric noise. Chemically, the sensor head houses a proprietary hydrogen-rich liquid solvent with free electrons (free radicals) added to increase the signal intensity under RF polarization.

From a physical perspective, the sensor is a small size, light-weight assembly that houses the Overhauser detection system and fluid. A rugged plastic housing protects the internal components during operation and transport.

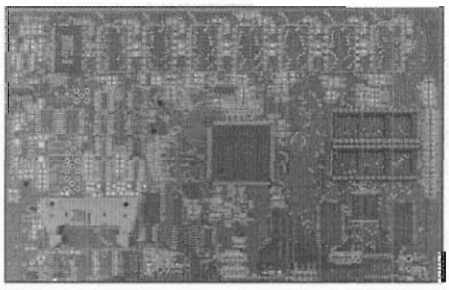
All sensor components are designed from carefully screened non-magnetic materials to assist in maximization of signal-to-noise. Heading errors are also minimized by ensuring that there are no magnetic inclusions or other defects that could result in variable readings for different orientations of the sensor.

Optional omni-directional sensors are available for operating in regions where the magnetic field is near-horizontal (i.e. equatorial regions). These sensors maximize signal strength regardless of field direction.

Data Acquisition Console Technology

Console technology comprises an external keypad / display interface with internal firmware for frequency counting, system control and data storage / retrieval. For operator convenience, the display provides both monochrome text as well as real-time profile data with an easy-to-use interactive menu for performing all survey functions.

The firmware provides the convenience of upgrades over the Internet via the GEMLinkW software. The benefit is that instrumentation can be enhanced with the latest technology without returning the system to GEM -- resulting in both timely implementation of updates and reduced shipping / servicing costs.



About GEM Advanced Magnetometers

GEM Systems, Inc. delivers the world's only magnetometers and gradiometers with built-in GPS for accurately-positioned ground, airborne and stationary data acquisition. The company serves customers in many fields including mineral exploration, hydrocarbon exploration, environmental and engineering, Unexploded Ordnance Detection, archeology, earthquake hazard prediction and observatory research.

Key products include the QuickTracker™ Proton Precession, Overhauser and SuperSenser™ Optically-Pumped Potassium instruments. Each system offers unique benefits in terms of sensitivity, sampling, and acquisition of high-quality data. These core benefits are complemented by GPS technologies that provide metre to sub-metre positioning.

With customers in more than 50 countries globally and more than 20 years of continuous technology R&D, GEM is known as the only geophysical instrument manufacturer that focuses exclusively on magnetic technology advancement.

"Our World is Magnetic"

Specifications

Performance

Sensitivity:	< 0.015 nT / √Hz
Resolution:	0.01 nT
Absolute Accuracy:	+/- 0.1 nT
Range:	10,000 to 120,000 nT
Gradient Tolerance:	> 10,000 nT/m
Samples at:	60+, 5, 3, 2, 1, 0.5, 0.2 sec
Operating Temperature:	-40C to +55C

Operating Modes

Manual: Coordinates, time, date and reading stored automatically at minimum 3 second interval.

Base Station: Time, date and reading stored at 3 to 60 second intervals

Remote Control: Optional remote control using RS-232 interface.

Input / Output: RS-232 or analog (optional) output using 6-pin weatherproof connector.

Storage - 4Mbytes (# of Readings)

Mobile:	209,715
Base Station:	699,050
Gradiometer:	174,762
Walking Mag:	299,593

Dimensions

Console:	223 x 69 x 240 mm
Sensor:	175 x 75mm diameter cylinder

Weights

Console with Belt:	2.1 kg
Sensor and Staff Assembly:	1.0 kg

Standard Components

GSM-19 console, GEMLinkW software, batteries, harness, charger, sensor with cable, RS-232 cable, staff, instruction manual and shipping case.

Optional VLF

Frequency Range: Up to 3 stations between 15 to 30.0 kHz

Parameters: Vertical in-phase and out-of-phase components as % of total field. 2 components of horizontal field amplitude and total field strength in pT.

Resolution: 0.1% of total field

GEM Systems, Inc.
52 West Beaver Creek Road, 14
Richmond Hill, ON
Canada L4B 1L9
Email: info@gemsys.on.ca
Web: www.gemsys.ca

Represented By:

APPENDIX B – Transmitter Operator Field Notes

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 16, 2005 **LINE # :** 2E

C1	P1	Res	Volts	Ima	Remarks
0S	50S		2	190	0S - Start of swamp
			5	540	250S - End of swamp / Road
25S	50S		5	440	
50S	100S		5	570	
75S	100S		5	625	
100S	150S		5	550	
125S	150S		5	510	
150S	200S		5	590	
175S	200S		4	250	
200S	250S		4	285	
225S	250S		4	355	
			5	720	
250S	300S		5	740	
275S	300S		5	430	
300S	350S		5	215	
325S	350S		5	555	
350S	400S		5	360	
375S	400S		5	210	
400S	450S		5	700	
425S	450S		4	340	425S - Start of swamp
450S	500S		4	330	
			5	900	
475S	500S		4	890	
500S	550S		4	890	
525S	550S		4	890	
550S	600S		4	890	
575S	600S		4	890	
600S	650S		4	890	
625S	650S		4	890	
650S	700S		4	875	650S - End of marsh swamp / Start of
675S	700S		4	790	spruce swamp
700S	750S		5	680	
			5	700	
725S	750S		5	520	
750S	800S		5	420	
			5	440	
			5	460	
775S	800S		5	390	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator :	Bill Hume				
Date :	April 16, 2005			**LINE # :**	2E
C1	**P1**	**Res**	**Volts**	**Ima**	**Remarks**
800S	850S		5	360	
			5	400	
			5	410	
825S	850S		5	870	
850S	900S		4	1010	
875S	900S		5	430	865S - End of spruce swamp
			5	460	
900S	950S		4	600	
			4	620	
			4	640	
925S	950S		4	980	
Date :	April 17, 2005				
950S	1000S		4	850	Swamp
975S	1000S		4	670	
1000S	1050S		4	930	
1025S	1050S		4	600	
1050S	1100S		4	820	
1075S	1100S		4	630	
1100S	1150S		4	900	
1125S	1150S		4	890	
1150S	1200S		4	590	
			4	610	
1175S	1200S		4	980	
1200S	1250S		4	930	
1225S	1250S		4	950	
1250S	1300S		4	950	
1275S	1300S		4	930	
1300S	1350S		4	830	
			4	840	
1325S	1350S		4	890	
1350S	1400S		4	810	1350S - Start of alder swamp
1375S	1400S		4	880	
1400S	1450S		4	690	
1425S	1450S		4	690	
1450S	1500S		4	680	
1475S	1500S		4	870	
1500S	1550S		4	850	1475S - End of alder swamp / Start of
1525S	1550S		4	840	spruce swamp

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 17, 2005 **LINE # :** 200E

C1	P1	Res	Volts	Ima	Remarks
2450S	2500S		5	680	
2475S	2500S		5	690	
2500S	2550S		5	730	
2525S	2550S		5	730	
2550S	2600S		5	690	
2575S	2600S		5	730	
2600S	2650S		5	730	
2625S	2650S		5	720	
2650S	2700S		5	700	
2675S	2700S		5	740	
Date :	April 18, 2005				
2700S	2750S		4	810	
2725S	2750S		4	780	
2750S	2800S		4	830	
2775S	2800S		4	840	
2800S	2850S		5	780	
2825S	2850S		5	410	
2850S	2900S		5	270	2850S - End of swamp / Start of hill
2875S	2900S		5	90	
2900S	2950S		5MAX	270	
2925S	2950S		5MAX	270	
2950S	3000S		5MAX	130	
2975S	3000S		5MAX	260	
3000S	3050S		5MAX	270	
3025S	3050S		5MAX	270	
3050S	3100S		5MAX	180	
			5MAX	190	
3075S	3100S		5MAX	260	
3100S	3150S		5MAX	190	
3125S	3150S		5MAX	270	
3150S	3200S		5MAX	270	
3175S	3200S		5MAX	270	3270S - Pond

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 18, 2005 **LINE # :** 600E

C1	P1	Res	Volts	Ima	Remarks
925S	975S		5	360	
950S	975S		5	170	
			5	270	
975S	1025S		5	270	
1000S	1025S		5	260	
1025S	1075S		5	410	
1050S	1075S		5	520	
1075S	1125S		5	460	Sloppy chaining off by 10m because of hill
1100S	1125S		5	440	1100S - End of swamp / Bottom of hill
1125S	1175S		5	110	
1150S	1175S		5	200	
1175S	1225S		5	140	Realigning snake with pickets
1200S	1225S		5	110	
1225S	1275S		5	140	1275S - Top of hill
1250S	1275S		5	170	
1275S	1325S		5	220	
1300S	1325S		5	180	
1325S	1375S		5	160	
1350S	1375S		5	190	
1375S	1425S		5	170	
			5MAX	530	
1400S	1425S		5MAX	560	
Date :	April 19, 2005				
1400S	1425S		5	620	
1425S	1475S		5	410	
1450S	1475S		5	550	
1475S	1525S		5	620	
			4	390	
1500S	1525S		4	370	
1525S	1575S		4	340	
1550S	1575S		5-	500	
1575S	1625S		3	320	
1600S	1625S		4	400	
1625S	1675S		5	490	
			4	260	
1650S	1675S		4	200	
1675S	1725S		4	190	1875S - Some outcrop
1700S	1725S		3	180	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 19, 2005 **LINE # :** 6E

C1	P1	Res	Volts	Ima	Remarks
1725S	1775S		5	420	
1750S	1775S		4	410	
1775S	1825S		4	380	
1800S	1825S		4	230	
1825S	1875S		5	320	
1850S	1875S		5	450	
1875S	1925S		5	380	
1900S	1925S		5	380	
1925S	1975S		5	380	
1950S	1975S		5	390	
			3	170	
1975S	2025S		4	240	2100S - Top of hill
2000S	2025S		4	230	
2025S	2075S		5	330	
			5	350	2225S - Bottom of hill
			5	360	2250S - Bottom of next hill
2050S	2075S		5	350	
2075S	2125S		5	410	
2100S	2125S		5	410	
2125S	2175S		4	350	2275S - Exposed outcrop
2150S	2175S		5	390	2325S - Exposed outcrop
2175S	2225S		5	340	2350S - Top of hill
			5	350	
2200S	2225S		5	370	
2225S	2275S		5	400	
2250S	2275S		5	410	
2275S	2325S		5	320	
2300S	2325S		5	400	
2325S	2375S		5	380	
2350S	2375S		5	400	
2375S	2425S		5	410	
2400S	2425S		5	400	
2425S	2475S		3	95	
2450S	2475S		3	130	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 20, 2005 **LINE # :** 600W

C1	P1	Res	Volts	Ima	Remarks
0S	50S		3	440	0S - Start of spruce swamp
			4	870	
25S	50S		5	880	
50S	100S		4	780	
			4	790	
75S	100S		5	660	
			5	700	
100S	150S		4	680	
			4	690	
125S	150S		4	890	
150S	200S		4	940	
			4	950	
175S	200S		4	820	
200S	250S		4	980	
225S	250S		4	930	
250S	300S		4	930	
275S	300S		4	800	
300S	350S		4	1000	
325S	350S		4	920	
350S	400S		4	810	
375S	400S		4	660	
400S	450S		4	810	
425S	450S		4	700	
450S	500S		4	820	700S - Start of road / Chaining error
475S	500S		4	710	between 650S - 700S
500S	550S		4	810	650S - End of spruce swamp
525S	550S		4	750	675S - Start of swamp
			3	400	
550S	600S		3	380	
575S	600S		3	470	
600S	650S		3	480	
625S	650S		4	280	Pickets 625S,675S - NO 650S picket
650S	700S		3	470	650S - Edge of hwy
675S	700S		3	500	- UTM 553774E 5288642 - Correct
700S	750S		3	530	Chainage
			4	820	
			4-	600	
725S	750S		5-	660	
750S	800S		4	760	
775S	800S		4	760	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 20, 2005 **LINE # :** 600W

C1	P1	Res	Volts	Ima	Remarks
800S	850S		4	760	
825S	850S		4	770	
850S	900S		4	780	
			3	480	
875S	900S		3	480	
900S	950S		3	540	
925S	950S		3	500	
950S	1000S		3	490	900S - End of spruce swamp / Start of
975S	1000S		3	430	cedar swamp
1000S	1050S		3	400	
1025S	1050S		3	410	1035S - End of cedar swamp / Start of
1050S	1100S		5	420	spruce swamp
1075S	1100S		4	430	1050S - Big bend in line swinging to SW
1100S	1150S		3	390	UTM - 553778E 5288253N
1125S	1150S		3	380	
1150S	1200S		3	440	
1175S	1200S		3	420	
1200S	1250S		3	410	
1225S	1250S		3	370	
1250S	1300S		5	340	1250S - Outcrop
1275S	1300S		5	400	
1300S	1350S		5	410	1500S - Bottom of hill
			5	440	1300S - UTM 553800E 5287983N
1325S	1350S		5	380	
1350S	1400S		5	320	
1375S	1400S		5	380	
1400S	1450S		5	300	
1425S	1450S		5	240	
1450S	1500S		5	330	
1475S	1500S		5	330	
1500S	1550S		5	310	
1525S	1550S		5	270	
1550S	1600S		5	180	
1575S	1600S		5	220	1600S - Visible outcrop / 5m rockface
1600S	1650S		5	70	
1625S	1650S		5	110	
1650S	1700S		5	150	1675S - Top of hill
1675S	1700S		5	130	
1700S	1750S		5	120	
1725S	1750S		5	70	

COMMENTS

All topographic points are correct chaining.

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator :	Bill Hume				
Date :	April 20, 2005			**LINE # :**	600W
C1	**P1**	**Res**	**Volts**	**Ima**	**Remarks**
1750S	1800S		5	100	
1775S	1800S		5	70	1775S - Top of hill
1800S	1850S		5	120	1800S - Bottom of hill
1825S	1850S		5	160	
1850S	1900S		5	150	
1875S	1900S		5	90	
Date :	April 21, 2005				
1875S	1900S		5	190	
1900S	1950S		5	200	
1925S	1950S		5	190	1950S - Visible outcrop
1950S	2000S		5	195	
1975S	2000S		5	190	
2000S	2050S		5	190	2000S - UTM 553822E 5287297N
2025S	2050S		5	190	
2050S	2100S		5	190	
2075S	2100S		5	160	
2100S	2150S		3	400	C1 in water
2125S	2150S		5	300	2125S - Bottom of hill
2150S	2200S		5	220	
2175S	2200S		5	260	
2200S	2250S		5	280	2200S - Top of hill
2225S	2250S		5	330	2300S - 35m move (10m jump ahead to
2250S	2300S		5	350	realign snake with pickets)
			5	370	
2275S	2300S		5	330	
2300S	2350S		5	260	
2325S	2350S		5	380	
			4	210	
2350S	2400S		5	190	
2375S	2400S		4	250	
2400S	2450S		4	220	
2425S	2450S		5	180	
2450S	2500S		5	230	
2475S	2500S		5	230	
2500S	2550S		5	190	2535S - Top of hill
			5	200	
2525S	2550S		5	230	
2550S	2600S		5	210	
2575S	2600S		5	260	C1 in water
			4	310	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator : Bill Hume

Date : April 21, 2005 **LINE # :** 600W

C1	P1	Res	Volts	Ima	Remarks
2600S	2650S		3	320	2575S - Bottom of hill / start of swamp
2625S	2650S		5	180	2625S - End of swamp / bottom of hill
2650S	2700S		5	290	
2675S	2700S		5	250	
2700S	2750S		5	220	
2725S	2750S		5	260	
2750S	2800S		4	190	2760S - Top of hill
2775S	2800S		5	250	
2800S	2850S		3	220	
2825S	2850S		4	200	
2850S	2900S		4	210	
2875S	2900S		4	250	
2900S	2950S		4	200	Chainage error between 2700S-2800S
2925S	2950S		5	230	(Now out by 50m)
2950S	3000S		2	180	2900S - Top of hill
2975S	3000S		3	310	2950S - Bottom of hill
3000S	3050S		5	360	Realigned snake with pickets
3025S	3050S		5	340	2950S - 2985S - Swamp
3050S	3100S		5	280	2985S - Bottom of hill
			5	300	3025S - Top of hill
3075S	3100S		5	280	
3100S	3150S		5	330	
3125S	3150S		5	230	
3150S	3200S		5	150	
3175S	3200S		5	150	
3200S	3250S		4	210	
3225S	3250S		5	160	
3250S	3300S		5	110	
3275S	3300S		5	140	
3300S	3350S		4	360	
3325S	3350S		4	240	
3350S	3400S		5	220	
3375S	3400S		5	240	
3400S	3450S		5	160	
3425S	3450S		5	340	
3450S	3500S		5	440	
3475S	3500S		5	450	
3500S	3550S		5	420	3550S - End of cut line (UTM = Zone 17
3525S	3550S		5	340	553833E 5285769N)

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator :			Bill Hume		
Date :	April 17, 2005			**LINE # :**	2E
C1	**P1**	**Res**	**Volts**	**Ima**	**Remarks**
1550S	1600S		4	750	
1575S	1600S		4	640	
1600S	1650S		4	620	
1625S	1650S		5	630	
			5	650	
1650S	1700S		5	950	
1675S	1700S		5	950	
1700S	1750S		5	880	
			5	900	
1725S	1750S		5	950	
1750S	1800S		5	960	
1775S	1800S		5	960	
1800S	1850S		5	960	
1825S	1850S		5	960	
1850S	1900S		5	940	
1875S	1900S		5	960	
1900S	1950S		5	950	
1925S	1950S		5	720	
1950S	2000S		5	760	
1975S	2000S		5	760	TL2000 Crosses 1977S
2000S	2050S		5	760	(2175S - 2200S) - Old mine shaft
2025S	2050S		5	760	
2050S	2100S		5	760	
2075S	2100S		5	780	
2100S	2150S		5	800	
2125S	2150S		5	790	
2150S	2200S		5	790	
2175S	2200S		5	790	
2200S	2250S		5	790	
2225S	2250S		5	790	
2250S	2300S		5	790	
2275S	2300S		5	620	
			5	730	
2300S	2350S		5	670	
2325S	2350S		5	710	
2350S	2400S		5	670	
2375S	2400S		5	710	
2400S	2450S		5	680	
2425S	2450S		5	670	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator :	Bill Hume				
Date :	April 22, 2005			**LINE # :**	1600E

C1	P1	Res	Volts	Ima	Remarks
0S	50S		5	470	UTM - Baseline 0, 1600E
25S	50S		5	500	555934E 5289297N
50S	100S		5	470	100S - Start of alder swamp
75S	100S		5	510	
100S	150S		5	530	
125S	150S		5	550	125S - End of alder swamp / start of spruce
150S	200S		5	520	swamp
175S	200S		5	510	
200S	250S		5	520	
225S	250S		5	520	260S - End of spruce swamp
250S	300S		5	540	
275S	300S		5	260	
			5	300	
300S	350S		5	360	
325S	350S		5	230	
350S	400S		5	360	
375S	400S		5	360	370S - Bottom of hill
400S	450S		5	350	
			5	360	
425S	450S		5	300	
450S	500S		5	220	
475S	500S		5	220	475S - Exposed outcrop
500S	550S		5	250	500S - Top of hill
525S	550S		5	250	
550S	600S		5	260	
575S	600S		5	230	
600S	650S		5	230	
625S	650S		5	180	
650S	700S		5	230	
675S	700S		5	230	
700S	750S		5	230	
725S	750S		5	230	
750S	800S		5	230	
775S	800S		5	230	
800S	850S		5	220	
825S	850S		5	230	
850S	900S		5	190	
875S	900S		5	190	
900S	950S		5	300	
925S	950S		5	260	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

CV Project # : J0323

Transmitter Operator :	Bill Hume				
Date :	April 22, 2005			**LINE # :**	1600E
C1	**P1**	**Res**	**Volts**	**Ima**	**Remarks**
950S	1000S		5	230	
975S	1000S		5	210	
1000S	1050S		5	190	
1025S	1050S		5	190	
1050S	1100S		5	250	
1075S	1100S		5	130	1075S - Top of hill
1100S	1150S		5	380	1125S - Bottom of hill
1125S	1150S		5	360	
1150S	1200S		5	210	
1175S	1200S		5	220	
1200S	1250S		5	240	
1225S	1250S		5	210	
1250S	1300S		5	240	
1275S	1300S		5	240	
1300S	1350S		5	240	
1325S	1350S		5	220	1425S - Pond (UTM 555926E 5287906N)
Date :	April 23, 2005				
1650S	1700S		5	360	1630S - Pond / Bottom of hill
1675S	1700S		5	70	1650S - UTM 555909E 5287678N
1700S	1750S		5	140	
1725S	1750S		5	140	
1750S	1800S		5	210	
1775S	1800S		5	210	1775S - Top of hill
1800S	1850S		5	160	
1825S	1850S		5	160	
1850S	1900S		5	210	
1875S	1900S		5	150	
1900S	1950S		5	210	
1925S	1950S		5	210	
1950S	2000S		5	210	
1975S	2000S		5	230	
2000S	2050S		5	210	
2025S	2050S		5	210	
2050S	2100S		5	230	
2075S	2100S		5	210	
2100S	2150S		5	210	
2125S	2150S		5	210	
2150S	2200S		5	210	
2175S	2200S		5	210	

COMMENTS

Clearview Geophysics

Line Data & Comments

Project Name / Grid Area : Temex - Merico-Ethel

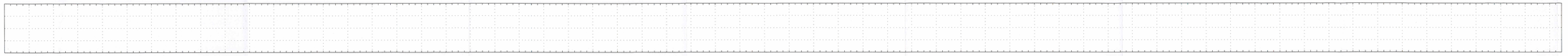
CV Project # : J0323

Transmitter Operator :			Bill Hume		
Date :	April 23, 2005			**LINE # :**	1600E
C1	**P1**	**Res**	**Volts**	**Ima**	**Remarks**
2200S	2250S		3	250	
2225S	2250S		5	300	
2250S	2300S		5	210	
2275S	2300S		5	210	
2300S	2350S		5	260	2300S - Start of spruce swamp
2325S	2350S		3	220	

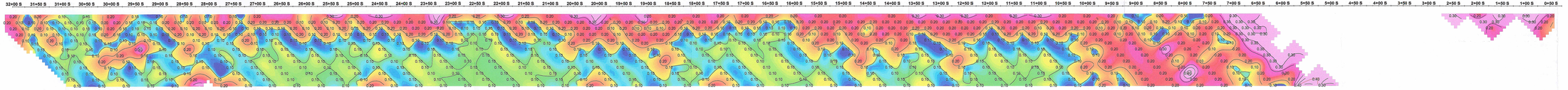
COMMENTS

Infinity UTM 554492E 5290426N

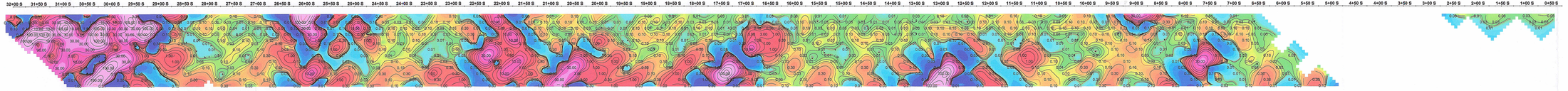
APPENDIX C – Plates



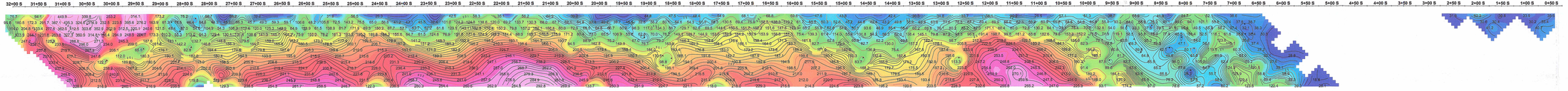
Spectral 'c' (dimensionless)



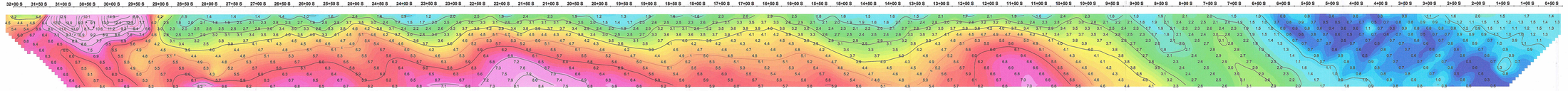
Spectral Tau (s)



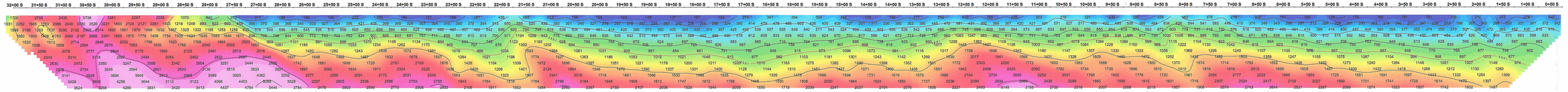
Spectral MIP (mV/V)



Mx Chargeability (mV/V, 690ms-1050ms)

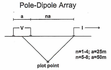


Apparent Resistivity (ohm-m)



200 E

Pole-Dipole Array



2.3.793

Scale 1:2500

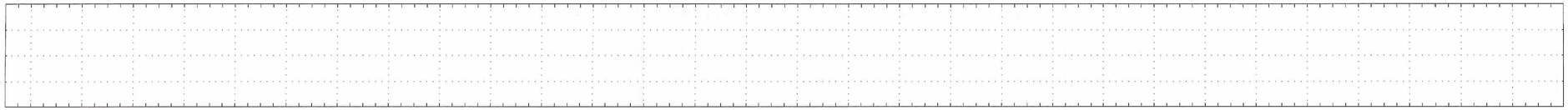
Plate 1

TEMEX RESOURCES INC.
SPECTRAL IP/RES SURVEY
Merico-Ethel Project
Merico-Ethel Grid
James & Tudhope Twps, NTS 41P9&16

200 E
Profile

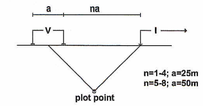
Rx (2 sec): Scintrex IPR12, Tx (2 sec): Phoenix IPT-1

ClearView Geophysics Inc. (ref. no. J0323)

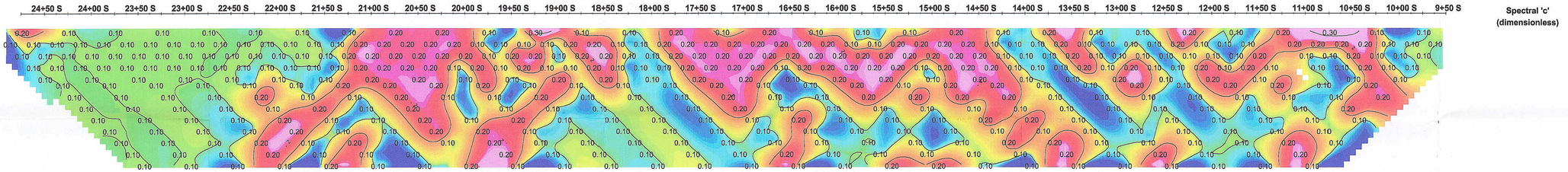


600 E

Pole-Dipole Array

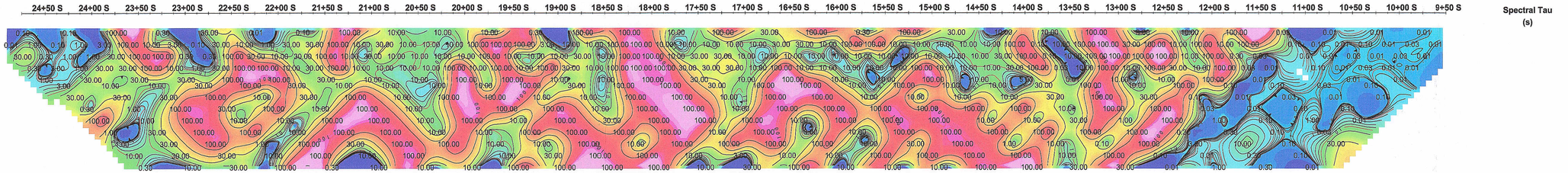


Spectral 'c' (dimensionless)



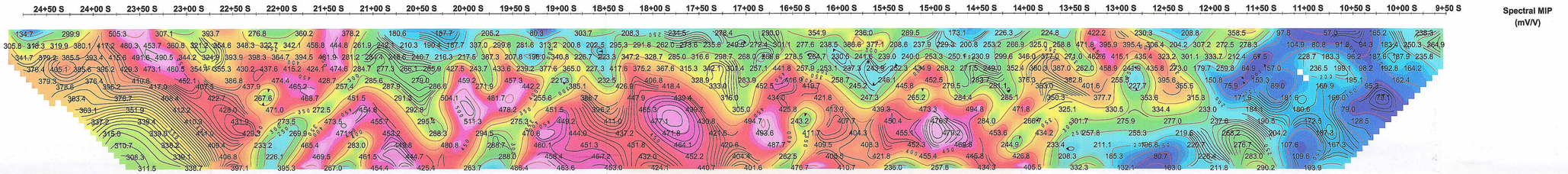
Spectral 'c' (dimensionless)

Spectral Tau (s)



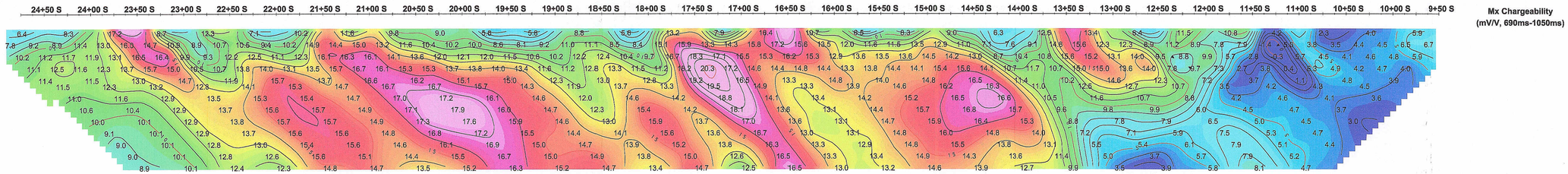
Spectral Tau (s)

Spectral MIP (mV/V)



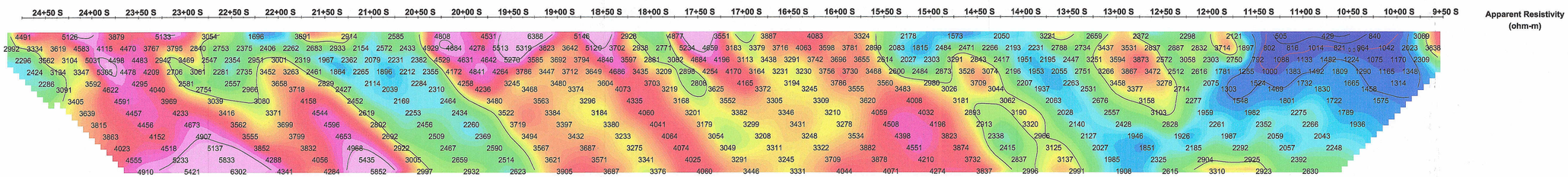
Spectral MIP (mV/V)

Mx Chargeability (mV/V, 690ms-1050ms)



Mx Chargeability (mV/V, 690ms-1050ms)

Apparent Resistivity (ohm-m)



Apparent Resistivity (ohm-m)

2.30793

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

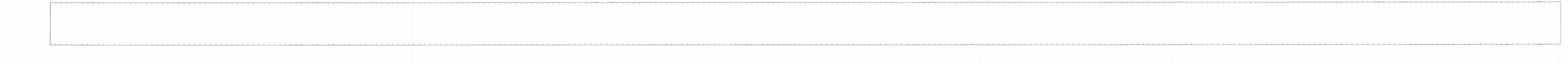
Plate 2

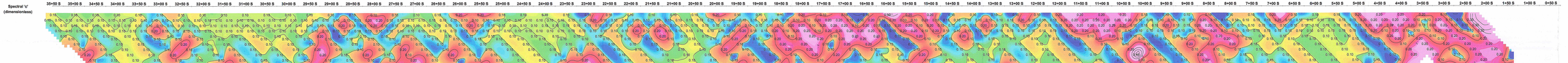
TEMEX RESOURCES INC.

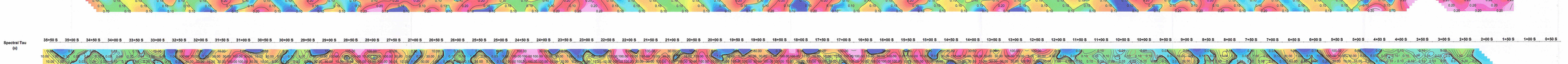
SPECTRAL IP/RES SURVEY
Merico-Ethel Project
Merico-Ethel Grid
James & Tudhope Twps, NTS 41P9&16

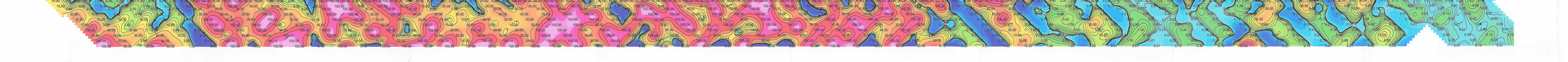
600 E
05/06/09
Rx (2 sec): Scintrex IPR12, Tx (2 sec): Phoenix IPT-1

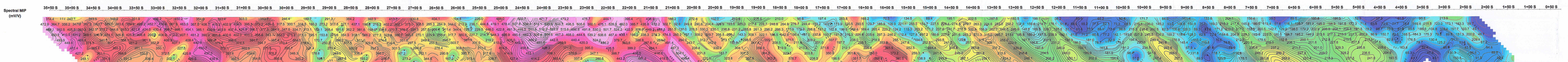
ClearView Geophysics Inc. (ref. no. J0323)

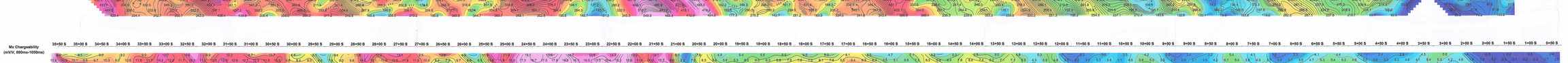












600 W

Pole-Dipole Array

2.30793

Scale 1:2500

Plate 3

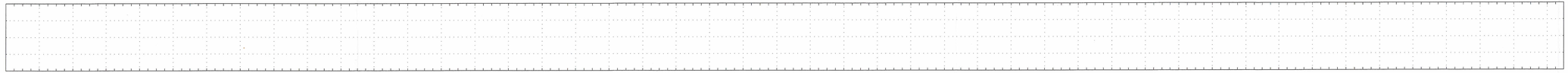
TEMEX RESOURCES INC.

SPECTRAL IP/RES SURVEY
Merico-Ethel Project
Merico-Ethel Grid
James & Tudhope Twps, NTS 41P9&16

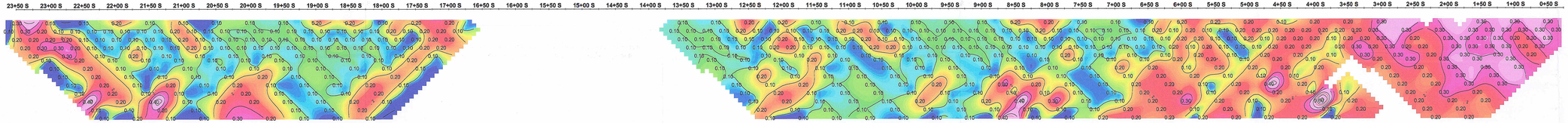
600 W
looking

Rx (2 sec): Scintrex IPR12, Tx (2 sec): Phoenix IPT-1

ClearView Geophysics Inc. (ref: no. J0323)

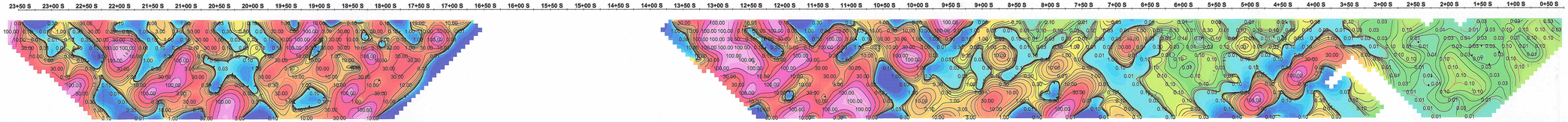


Spectral 'c' (dimensionless)



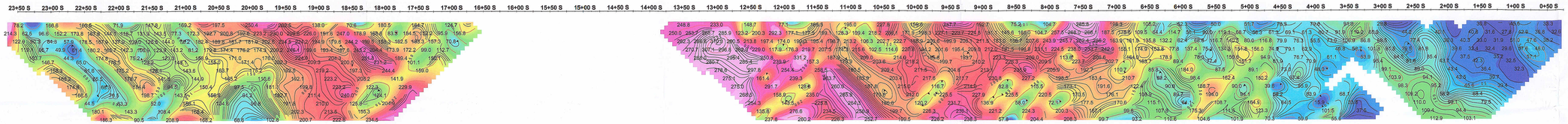
Spectral 'c' (dimensionless)

Spectral Tau (s)



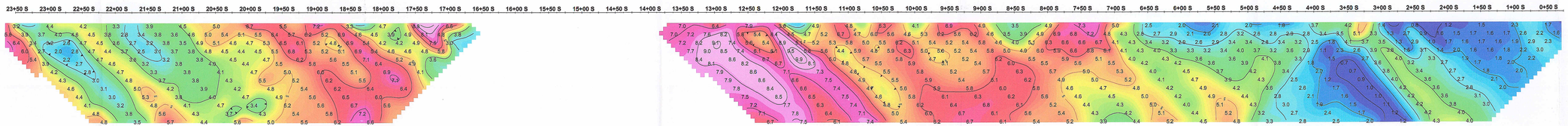
Spectral Tau (s)

Spectral MIP (mV/V)



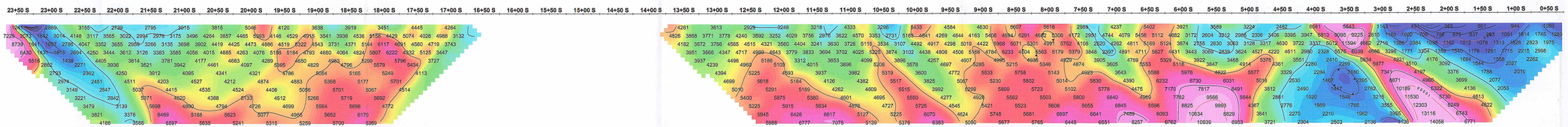
Spectral MIP (mV/V)

Mx Chargeability (mV/V, 690ms-1050ms)



Mx Chargeability (mV/V, 690ms-1050ms)

Apparent Resistivity (ohm-m)



Apparent Resistivity (ohm-m)

1600 E

Pole-Dipole Array

2.30793

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

Plate 4

TEMEX RESOURCES INC.

SPECTRAL IP/RES SURVEY
Merico-Ethel Project
Merico-Ethel Grid
James & Tudhope Twps, NTS 41P9&16

1600 E
05/06/15
Rx (2 sec): Scintrex IPR12, Tx (2 sec): Phoenix IPT-1

ClearView Geophysics Inc. (ref. no. J0323)

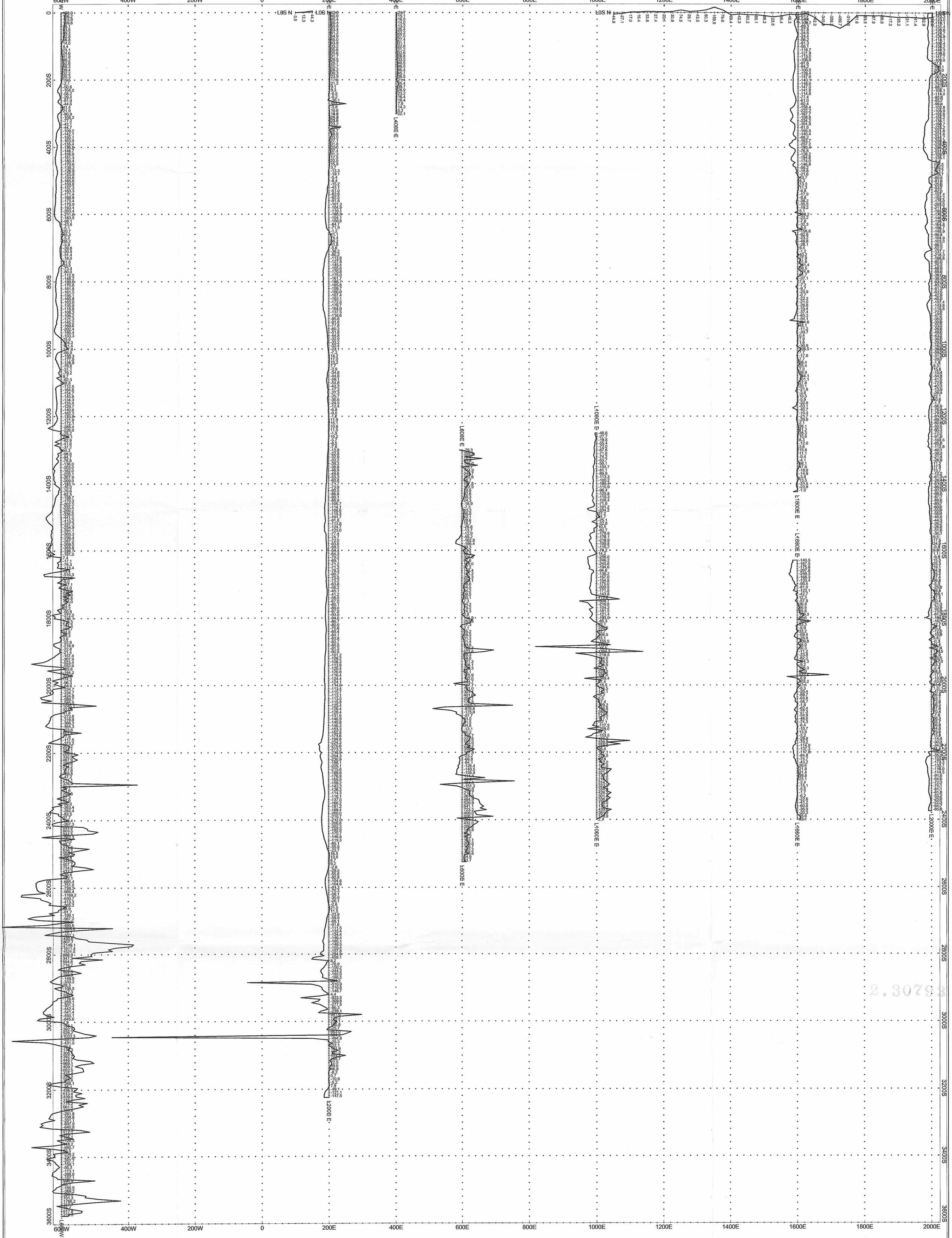


Plate 5

Total Field Magnetics

Merico-Ethel Grid, Merico-Ethel Project
Temex Resources Corp.
James & Tudhope Twps, NTS 41P9&16

Profiles: 1cm=250nT, Base=57000nT
Surveyed April 24-26, 2005

ClearView Geophysics Inc. (ref.J0323)

Scale 1:5000

100 0 100 200 300
metres