GEOPHYSICAL REPORT
FOR
FINDORE GOLD RESOURCES LTD.
ON THE
SHERATON PROJECT
SHERATON TOWNSHIP
PORCUPINE MINING DIVISION
NORTHEASTERN, ONTARIO

Prepared by: J.C.Grant, CET, FGAC
January, 1999.

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AUTHOR'S NOTE:
LINES MARKED NORTH SHOULD HAVE BEEN EAST
∴ EAST = NORTH & WEST = SOUTH.
JH.

INTRODUCTION:

The services of Exsics Exploration Limited were retained by Findore Gold Resources Ltd. to complete a ground geophysical program on their claim holdings in Sheraton Township.

The purpose of the program was to test the property for a geological environment that would be considered a good host for base metal deposition. The recent discovery by Cross Lake Minerals of good zinc and copper mineralization in drill hole to the northwest of this property has created a staking rush in this Township and surrounding townships. The Findore property was acquired because of this discovery.

PROPERTY LOCATION AND ACCESS:

The Findore property is located in the southeast corner of Sheraton Township such that it straddles the Concession line between Concession I and II, Lots 1,2 and part of 3. The entire claim block is situated about 50 kilometres east-southeast of the City of Timmins. Sheraton Township is located in the Porcupine Mining Division of Northeastern Ontario. Figures 1 and 2.

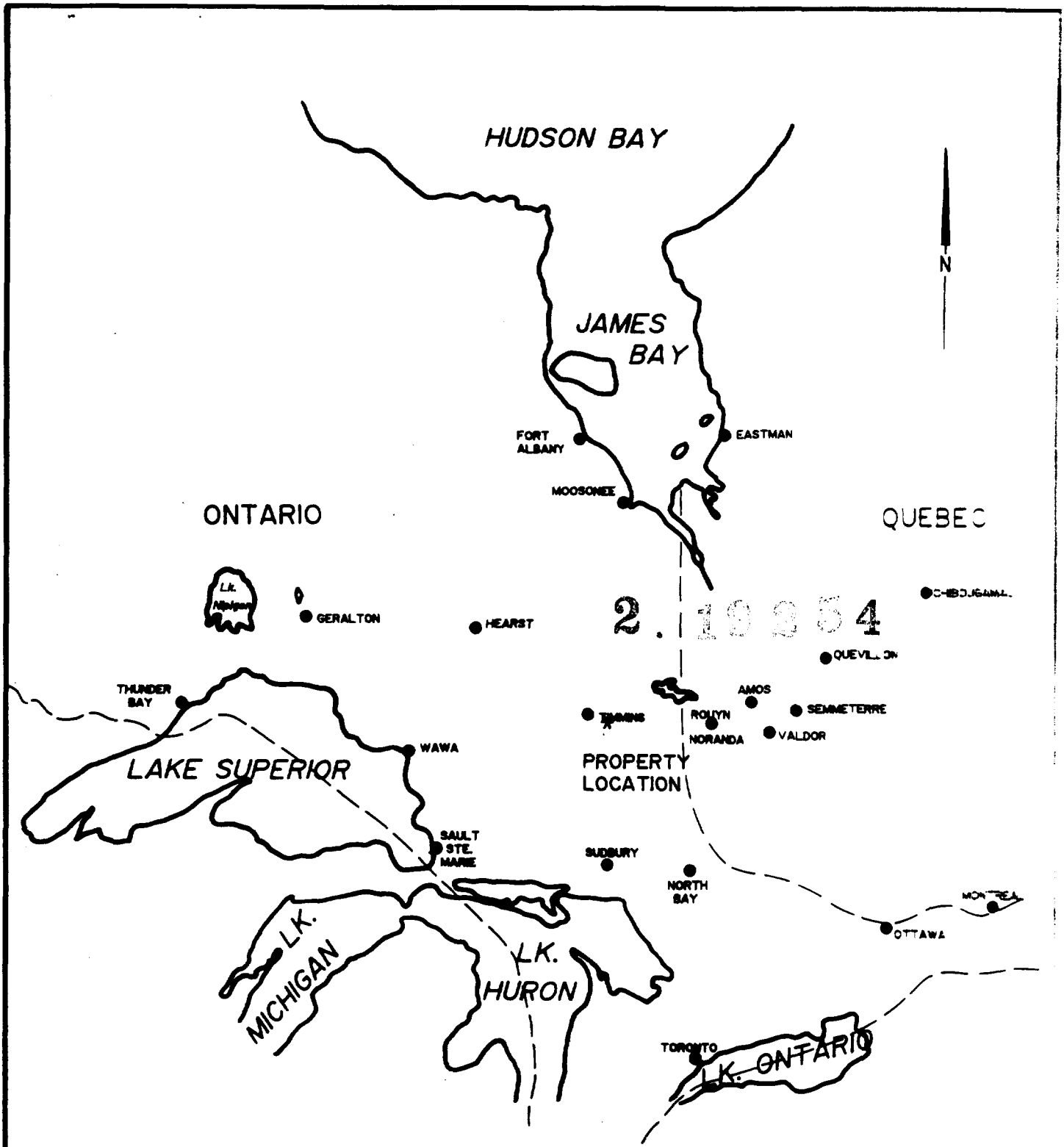
The access to the grid during the survey period was relatively easy. Due to the ongoing drilling of the Cross Lake discovery to the northwest, a number of good gravels roads have been kept open during the winter of 1998. One such road, locally called the Gibson Lake Road, travels south-southeast off of Highway 101 east which runs east from Timmins to Matheson. This Gibson Lake road provides 4 wheel drive access to within 8 kilometres of the Findore property. Skiddos were then used to access the grid along several ingress roads that commence at the Gibson Lake road and run east-southeast and into the grid. Travelling time from Timmins to the grid is about 1.5 hours. Figures 1 and 2.

CLAIM GROUP:

The Findore claim group consists of 2 claim units which are comprised of 6 units each. The claim numbers are as follows.

P-1224159, 6 units. P-1206797, 6 units.

Refer to figure 3 copied from MNDM Plan Map, G-3971, Sheraton Township, scale of 1:20,000.



EXSICS EXPLORATION LTD.
P.O. Box 1900, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: FINDORE GOLD RESOURCES LTD.

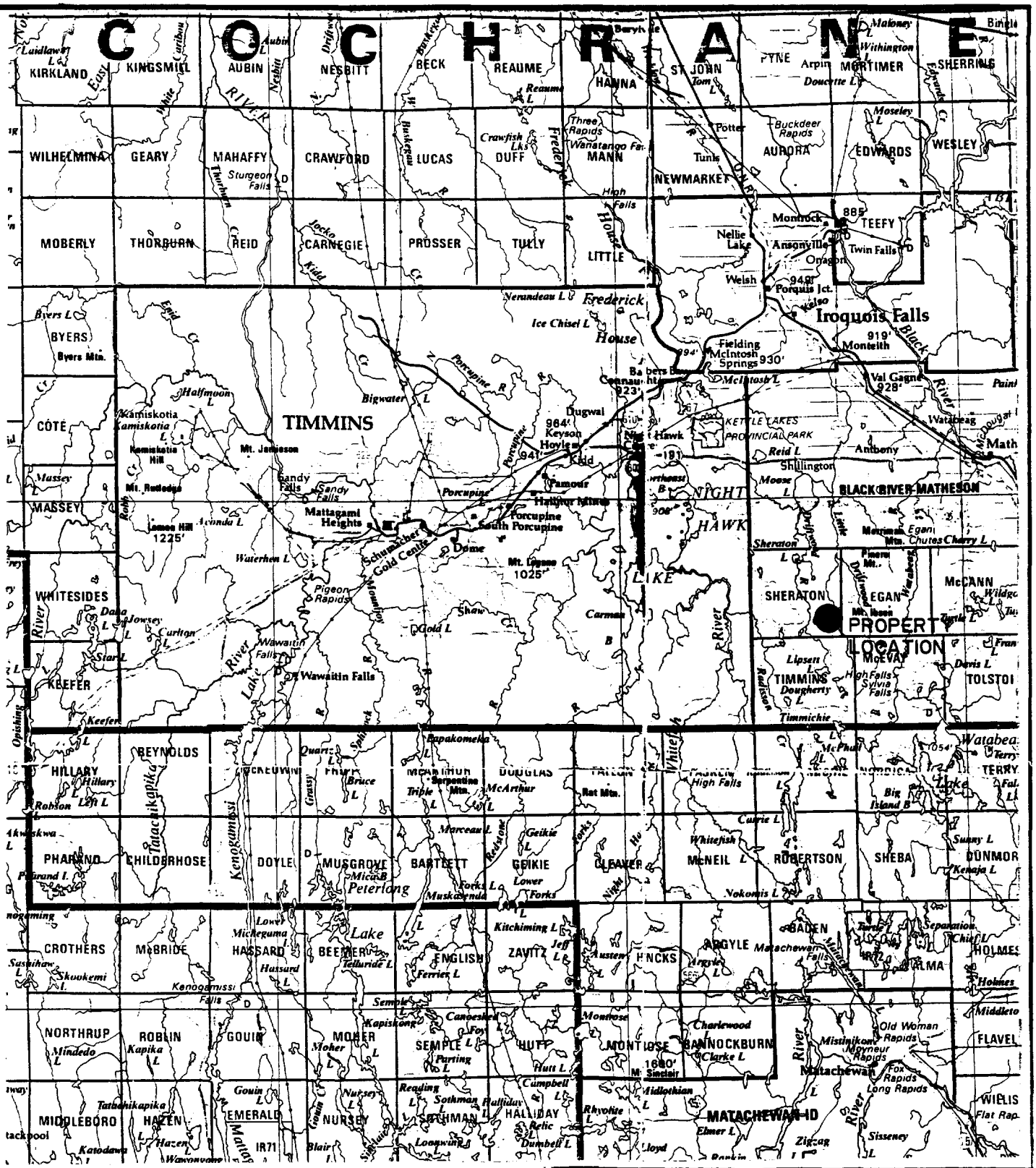
PROPERTY: SHERATON TWP PROPERTY

TITLE:

LOCATION MAP

Fig. 1

Date: Jan. 1998	Scale: 1"=125miles	MNDM Plan:
Drawn: P. Gauthier	Interp: J.C. Grant	Job No.E-288



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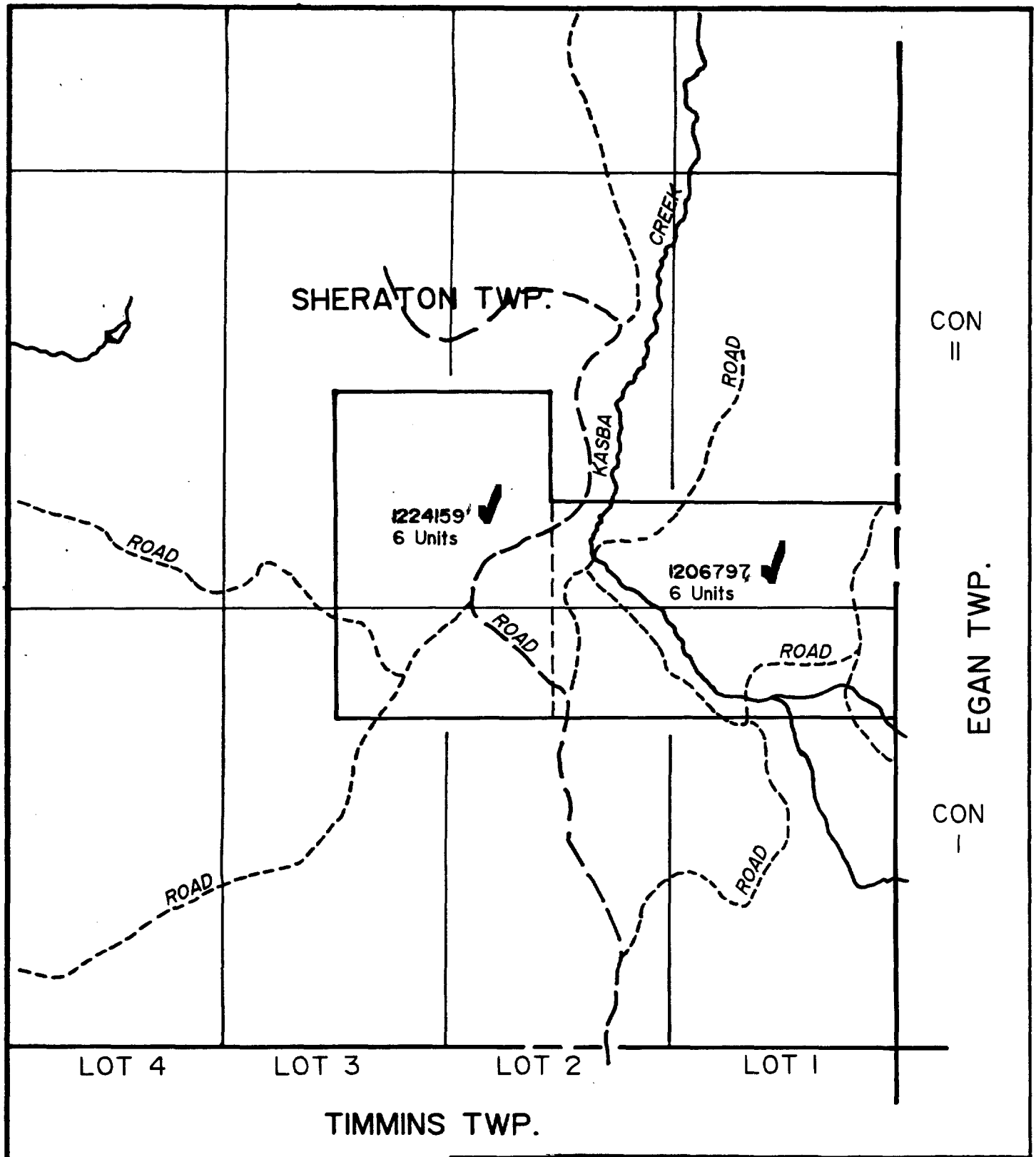
PROPERTY: SHERATON TWP PROPERTY

TITLE:

PROPERTY LOCATION

Fig. 2

Date: Jan. 1998	Scale: 1:600,000	MNDM Plan#: 22-6
Drawn:	Interp: J.C. Grant	Job No. E-288



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CLIENT: FINDORE GOLD RESOURCES LTD.

PROPERTY: SHERATON TWP PROPERTY

TITLE:

CLAIM SKETCH

Fig. 3

Date: Jan. 1998	Scale: 1:20,000	MNDM Plan#: G-3971
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-288

PERSONNEL:

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

Eric Jaakkola.....Timmins, Ontario
John DerWeduwen.....South Porcupine, Ontario

The program was completed under the direct supervision of J.C.Grant and all of the plotting and computer compilation was completed by P. Gauthier of Exsics.

GROUND PROGRAM:

The ground program consisted of a detailed metric grid first being established across the claim block, using a baseline cut at an azimuth of 115 degrees, for cross line control. The cross lines were turned off of this base line at 100 meter intervals from line 100ME to and including 2200ME. All of the cross lines were cut to the north and south limits of the claim block. In all, a total of 25 kilometres of grid lines were cut across the property.

Upon completion of the cutting, a total field magnetic survey was done in conjunction with a VLF-EM survey. The entire grid was covered by both of the surveys. A low pass filter, called Fraser Filtering was done to the VLF data. This aids in interpreting conductors as it can position high positive values over shallow buried zones and weaker positive values over deeper routed zones.

The surveys were completed using the Scintrex, Envi Mag system and the EDA OMNI IV base station recorder. Specifications for these units can be found as Appendix A of this report. The following parameters were kept constant throughout the surveys.

Linespacing.....100 meters
Station spacing..... 25 meters
Reading intervals..... 25 meters
VLF transmitting station.....Cutler, Maine, 24.0Khz
Parameters measured.....Inphase, quadrature, dip angle and field strength values.
Parameters plotted.....Dip angle.
Magnetic reference field.....58,000 gammas
Datum subtract.....57,000 gammas
Diurnal correction.....Base station recorder
Record intervals.....30 seconds.
Unit accuracy.....+/- 0.1 gamma, 0.5%

The collected data for the magnetic survey was then corrected, levelled and plotted onto a base map at a scale of 1:5000 and the results were then contoured at 50 gamma intervals where possible. A copy of this base map is included in the back pocket of this report. A colour 8 x 11 1/2 inch magnetic contour is also included in this text.

The collected dip angle data for the VLF survey was also plotted onto a base map at a scale of 1:5000 and then profiled at 1cm to +/-40%. This map is also included in the back pocket of this report.

The filtered results were plotted onto a base map as well and then contoured at 5 unit intervals. A copy is included in the back pocket of this report.

SURVEY RESULTS:

The surveys were successful in outlining the underlying geological features of the grid. The most predominant feature outlined by the magnetics relates to what appears may be an intrusion of ultramafics coming into the grid from the east. These are represented by the strong magnetics over that portion of the grid. There also appears to be at least two diabase dikes cross cutting the grid in generally a north-south direction. This is evident in the magnetic results as seen in the formation striking northeast-southwest from line 400ME, 500MS to 800ME, 500MN as well as the weaker formation paralleling lines 100ME and 1200ME from south to north. The western dike appears to be shallower than the eastern dike.

The VLF survey was successful in outlining several conductive trends across the grid, generally parallel to each other. The most predominant zone commences on line 300ME at 100MS and continues to line 800ME where it appears to have been truncated by the suspected dike and or fault zone paralleling lines 1100ME. The extension of this zone may continue from line 1300ME to 1900ME. The eastern extension is quite strong across lines 1500ME to and including 1900ME along the base line. This zone may also relate to the drainage system located to the immediate south.

A second VLF trend is evident to the north of the main zone and it crosses lines 700ME to 900ME just to the north of the base line. This zone also seems to have been cut off by the north-south striking cross structure paralleling line 1100ME. The extension of this zone may cut across lines 1100ME to 2200ME albeit somewhat distorted between lines 1600ME and 1800ME.

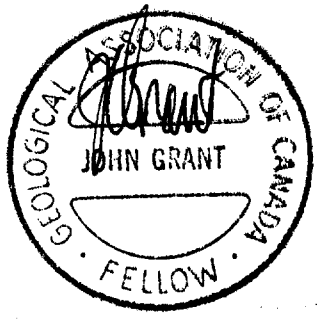
Both of theses VLF trends extend into the suspected intrusive unit.

CONCLUSIONS AND RECOMMENDATIONS:

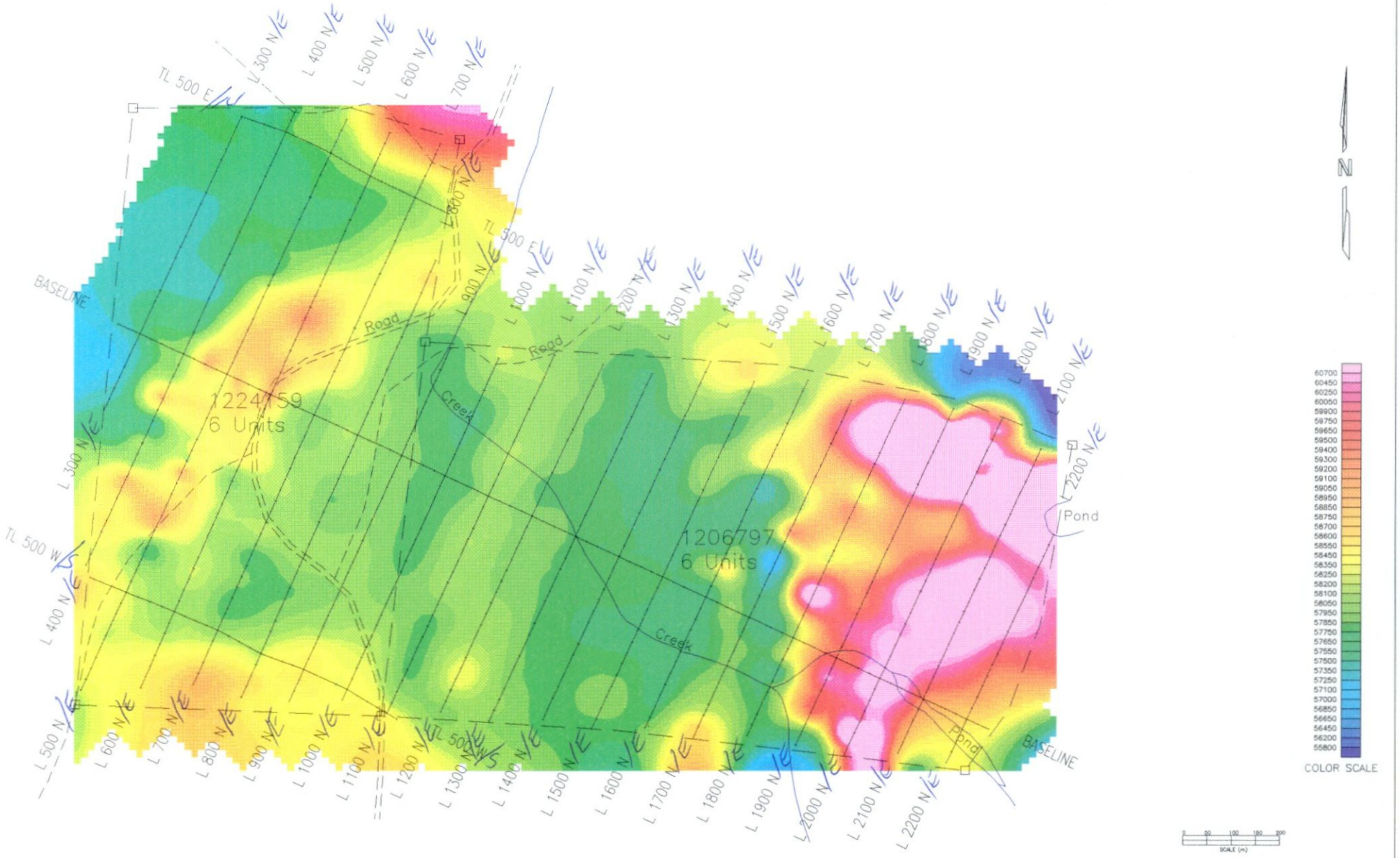
The surveys were successful in outlining the underlying geological information of the claim group. Tow distinct VLF zones or trends were noted striking across the grid generally parallel to each other which may, in fact, suggest that they represent the edges of a single unit. The magnetics were also successful in locating a number of cross structures and the possibility of an intrusive unit which all clearly stand out in the magnetic results.

The VLF zones should be followed up further to determine their validity as legitimate bedrock conductors. This can be done with either routine HLEM surveys using a cable length of 150 meters or more. However, the best part of the zones should be covered with an IP survey which has been the survey of choice for Cross Lake and has proven to be extremely successful.

Respectfully submitted



J.C.Grant, CET, FGAC
February, 1999.



LEGEND
Instrument: SCINTREX ENVI MAG, BRGM OMNI-IV
Parameters Measured: Earth's total magnetic field
Accuracy: +/- 0.1 nano-teslas
Diurnals: Corrected by base station recorder
Contour Interval: 0,50,100,150,200,250,.....
Reference Field: 58,000 gammas
Datum Subtracted: 57,000 gammas

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Telephone: 705-267-4151

CLIENT: FINDORE GOLD RESOURCES LTD.
PROPERTY: SHERATON TWP. PROPERTY
TITLE:

MAGNETOMETER SURVEY

Date: Jan. 1998	Scale: 1:5000	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-288

CERTIFICATE

I, John C. Grant, hereby certify that:

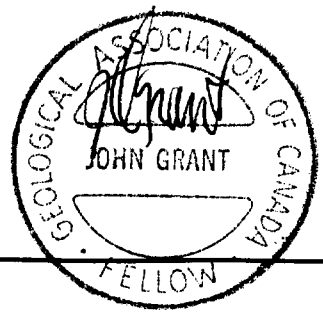
1) I am a graduate technologist, (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years), North Bay office and currently as Exploration Manager and Geophysicist for Exsics Exploration Limited since 1980.

2) I am a member in good standing of the Certified Engineering Technologist Association,(CET), since 1984

3) I am a Fellow of the Geological Association of Canada, (FGAC), since 1986.

4) I have been actively engaged in my profession since May of 1975, including all aspects of exploration studies, surveys and interpretation.

5) I have no specific or special interest in the described property. I have been retained as a Consulting Geophysicist by the Property holders.

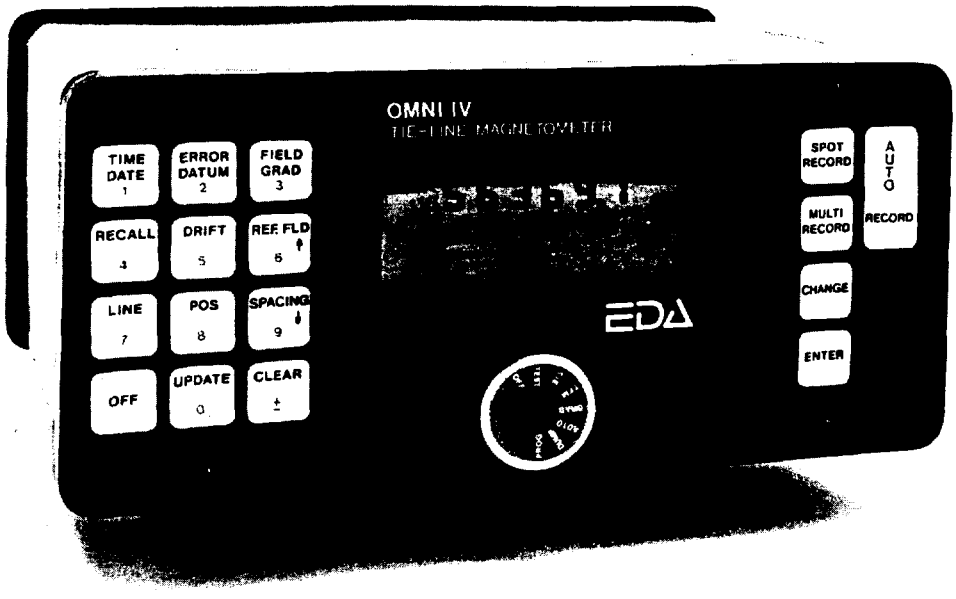


John Charles Grant, CET, FGAC.

APPENDIX A

OMNI IV
"Tie-Line" Magnetometer

EDA



- Four Magnetometers in One
- Self Correcting for Diurnal Variations
- Reduced Instrumentation Requirements
- 25% Weight Reduction
- User Friendly Keypad Operation
- Universal Computer Interface
- Comprehensive Software Packages

Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	± 15% relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from −40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	−40°C to +55°C; 0–100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

E D A Instruments Inc.
4 Thorncliffe Park Drive
Toronto, Ontario
Canada M4H 1H1
Telex: 06 23222 EDA TOR
Cable: Instruments Toronto
(416) 425 7800

In U.S.A.
E D A Instruments Inc.
5151 Ward Road
Wheat Ridge, Colorado
U.S.A. 80033
(303) 422 9112

Printed in Canada

SCINTREX

ENVI-MAG Environmental Magnetometer/Gradiometer

Locating Buried Drums and Tanks?

he ENVI-MAG is the solution to this environmental problem. ENVI-MAG is an expensive, 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

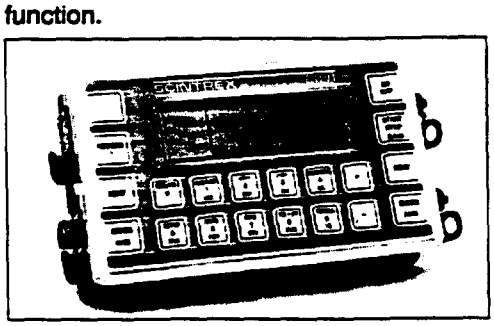
An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

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
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

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

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

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

Sheraton Township Project - Magnetic data

base	0				
226.5769468	-105.6545654	250	57378.3	.05	9.990833
0					
249.2346414	-116.220022	275	57419.7	.05	9.9825
0					
271.8923361	-126.7854785	300	57623.9	.06	9.974444
0					
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0					
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0					
453.1538935	-211.3091309	500	58600.3	.06	9.911944
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0					
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566.4423669	-264.1364136	625	58237.9	.09	9.871944
0					
589.1000616	-274.7018701	650	58069.7	.08	9.864722
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747.7039243	-348.6600659	825	57985.1	.08	9.806389
0					

770.3616190	-359.2255225	850	57936.1	.08	9.799444
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1370.027137	-611.2696979	25	57735.5	.06	10.03167
0					
1380.592594	-588.6120033	50	57677.1	.05	10.04444
0					
1391.15805	-565.9543086	75	57669	.05	10.0575
0					
1401.723507	-543.2966139	100	57684.6	.06	10.07
0					
1412.288963	-520.6389192	125	57706.8	.06	10.08139
0					
1422.85442	-497.9812246	150	57722.1	.06	10.09444
0					
1433.419876	-475.3235299	175	57771.4	.06	10.10611
0					
1443.985333	-452.6658352	200	57948.8	.06	10.11972
0					
1454.550789	-430.0081405	225	58015.2	.07	10.13083
0					
1465.116246	-407.3504459	250	58066.6	.06	10.14694
0					
1475.681703	-384.6927512	275	58060.2	.07	10.15889
0					
1486.247159	-362.0350565	300	57860.4	.06	10.17056
0					
1496.812616	-339.3773618	325	57797.3	.06	10.18167
0					
1507.378072	-316.7196671	350	57709	.05	10.19528
0					
1517.943529	-294.0619725	375	57859.2	.06	10.20889
0					
1528.508985	-271.4042778	400	57975.7	.06	10.22667
0					
1539.074442	-248.7465831	425	57697.5	.05	10.23889
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1549.639898	-226.0888884	450	58689.8	.1	10.25
0					
line	300				
197.9341403	-285.3893413	-175	57549.6	.05	10.1225
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208.4995968	-262.7316466	-150	57508.9	.05	10.1325
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219.0650534	-240.0739519	-125	57382.7	.05	10.1425
0					
229.6305099	-217.4162572	-100	57342.5	.05	10.15944
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240.1959665	-194.7585626	-75	57328.3	.05	10.16806
0					
250.761423	-172.1008679	-50	57345	.05	10.17667

0					
261.3268796	-149.4431732	-25	57363	.05	10.18528
0					
271.8923361	-126.7854785	0	57618.7	.06	10.19778
0					
282.4577927	-104.1277838	25	57727	.05	10.20694
0					
293.0232492	-81.47008917	50	57674.7	.06	10.21556
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303.5887057	-58.81239449	75	57533	.05	10.22417
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314.1541623	-36.15469982	100	57505.2	.05	10.23389
0					
324.7196188	-13.49700514	125	57485	.05	10.24306
0					
335.2850754	9.160689533	150	57476.7	.05	10.25194
0					
345.8505319	31.81838421	175	57465.7	.05	10.26028
0					
356.4159885	54.47607888	200	57477.3	.05	10.26861
0					
366.981445	77.13377356	225	57455.3	.05	10.27667
0					
377.5469015	99.79146824	250	57414.4	.05	10.285
0					
388.1123581	122.4491629	275	57372.3	.05	10.29389
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398.6778146	145.1068576	300	57353	.05	10.30222
0					
409.2432712	167.7645523	325	57486.3	.05	10.31111
0					
419.8087277	190.4222469	350	57717.8	.05	10.32111
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430.3741843	213.0799416	375	57728.4	.06	10.33056
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440.9396408	235.7376363	400	57674.3	.05	10.34028
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451.5050974	258.395331	425	57705.2	.05	10.34889
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462.0705539	281.0530256	450	57801.7	.06	10.35889
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472.6360104	303.7107203	475	57760.7	.06	10.36889
0					
483.201467	326.368415	500	57648.7	.05	10.37889
0					
tie	500				
483.201467	326.368415	300	57650.5	.05	10.40889
0					
506.2359765	318.3856916	325	57572.9	.05	10.41972
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529.270486	310.4029682	350	57531.6	.05	10.42861
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552.30499550	302.42024490	375	57645.6	.05	10.43722
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598.67693050	283.55510120	425	57867.1	.05	10.45444
622.01435600	272.67268100	450	57856.9	.06	10.46333
645.35178150	261.79026080	475	57859.5	.06	10.47139
668.68920700	250.90784050	500	57873.6	.06	10.48056
688.93089430	238.71054190	525	57918.9	.06	10.49306
709.17258170	226.51324330	550	57941.5	.06	10.50056
729.41426900	214.31594470	575	57952.5	.06	10.50806
749.65595640	202.11864600	600	57957.6	.06	10.51611
773.11430430	190.90399430	625	57948.5	.06	10.52528
796.57265220	179.68934250	650	57938.3	.06	10.535
820.03100010	168.47469080	675	57921	.06	10.54278
843.48934800	157.26003900	700	57929.4	.06	10.55111
866.94769590	146.04538730	725	58054.9	.06	10.55972
890.40604380	134.83073550	750	58177	.07	10.56944
913.86439170	123.61608380	775	58224.1	.04	10.58
line	400				
160.34754420	-609.35788960	-475	58533.1	.05	11.13528
170.98836370	-586.18364830	-450	58285.6	.04	11.12528
181.62918320	-563.00940690	-425	58371.8	.05	11.11528
192.27000270	-539.83516560	-400	58535.6	.05	11.10611
202.91082220	-516.66092430	-375	58682.6	.05	11.09667
213.55164170	-493.48668300	-350	58411.8	.05	11.0875
224.19246120	-470.31244170	-325	58432.7	.05	11.07694
234.83328070	-447.13820040	-300	58942.6	.07	11.06639
245.47410020	-423.96395910	-275	59027.1	.07	11.055

0					
256.1149198	-400.7897178	-250	58143.2	.07	11.04194
0					
266.7557393	-377.6154765	-225	57876.1	.04	11.03222
0					
277.3965588	-354.4412352	-200	58242.7	.07	11.02333
0					
288.0373783	-331.2669939	-175	57752.4	.05	11.01361
0					
298.6781978	-308.0927525	-150	57367.6	.06	11.00389
0					
309.3190173	-284.9185112	-125	58259.6	.06	10.995
0					
319.9598368	-261.7442699	-100	59193	.08	10.98556
0					
330.6006563	-238.5700286	-75	58394.8	.07	10.97639
0					
341.2414758	-215.3957873	-50	57978.9	.06	10.96833
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351.8822953	-192.221546	-25	57968.1	.06	10.95972
0					
362.5231148	-169.0473047	0	58008.3	.06	10.95111
0					
373.1639343	-145.8730634	25	57983.3	.06	10.94194
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383.8047538	-122.6988221	50	57762.6	.05	10.9325
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394.4455733	-99.52458077	75	57548	.05	10.92333
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405.0863928	-76.35033946	100	57678.4	.05	10.91472
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415.7272123	-53.17609815	125	57433.6	.05	10.90528
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426.3680319	-30.00185684	150	57387.6	.05	10.89667
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437.0088514	-6.827615536	175	57512.7	.04	10.88722
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447.6496709	16.34662577	200	57603.2	.05	10.87778
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458.2904904	39.52086708	225	57664.5	.05	10.86889
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468.9313099	62.69510839	250	57759.2	.05	10.85972
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479.5721294	85.8693497	275	57789.2	.05	10.85111
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490.2129489	109.043591	300	57770.3	.05	10.84194
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500.8537684	132.2178323	325	57742	.05	10.8325
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511.4945879	155.3920736	350	57664.7	.05	10.82306
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522.1354074	178.5663149	375	57609	.05	10.81444

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532.7762269	201.7405562	400	57571.2	.05	10.805
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543.4170464	224.9147976	425	57554.2	.05	10.79389
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554.0578659	248.0890389	450	57565	.05	10.785
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564.6986854	271.2632802	475	57654.2	.05	10.77583
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575.3395049	294.4375215	500	57800.6	.05	10.76694
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585.9803244	317.6117628	525	57831.7	.05	10.75806
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596.621144	340.7860041	550	57828	.05	10.74972
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tie	-500				
168.661629	-634.4748359	425	58674.9	.05	11.20361
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193.6602121	-644.7526442	450	58494.5	.05	11.21194
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218.6587951	-655.0304526	475	58359.3	.05	11.22083
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243.6573782	-665.3082609	500	58242.6	.04	11.23111
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268.6559613	-675.5860692	525	58140.9	.04	11.24028
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293.6545444	-685.8638776	550	58077.2	.04	11.24917
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318.6531275	-696.1416859	575	58033.9	.06	11.26111
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343.6517105	-706.4194942	600	57989.7	.06	11.27056
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366.173215	-716.0939108	625	58107.4	.06	11.27889
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388.6947195	-725.7683274	650	58059.1	.06	11.28833
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411.216224	-735.442744	675	57955.3	.08	11.29806
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433.7377284	-745.1171605	700	57924.7	.06	11.30778
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456.2146496	-757.2533879	725	58029.1	.06	11.31806
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478.6915708	-769.3896152	750	58174.7	.06	11.32694
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501.168492	-781.5258426	775	58171.5	.04	11.33528
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523.6454132	-793.66207	800	58093.1	.04	11.34417
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546.0154596	-801.8866381	825	58445.9	.08	11.3525
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568.3855061	-810.1112062	850	58566.8	.05	11.365
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590.7555525	-818.3357744	875	58430.9	.05	11.37361
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613.125599	-826.5603425	900	58521.1	.05	11.38278
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635.5567167	-837.0201445	925	58557.2	.05	11.39306
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657.9878345	-847.4799465	950	58397.4	.05	11.40167
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680.4189522	-857.9397485	975	58299.1	.04	11.41056
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702.8500699	-868.3995504	1000	58366.9	.05	11.41972
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723.5449112	-880.8081582	1025	58462.4	.05	11.43167
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744.2397524	-893.2167659	1050	58439.2	.05	11.44028
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764.9345936	-905.6253737	1075	58411	.05	11.44917
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785.6294349	-918.0339814	1100	58439.3	.05	11.45972
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806.3242761	-930.4425892	1125	58390.2	.05	11.46889
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line	500				
149.3839463	-869.6078694	-725	58196.5	.05	11.74306
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159.8587721	-846.9079129	-700	58311.1	.05	11.75472
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170.3335979	-824.2079564	-675	58405.6	.05	11.76333
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180.8084236	-801.5079999	-650	58416.4	.05	11.77278
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191.2832494	-778.8080434	-625	58302.7	.05	11.78194
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201.7580752	-756.1080869	-600	58184.6	.05	11.79028
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212.2329009	-733.4081304	-575	58210.5	.05	11.79861
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222.7077267	-710.7081739	-550	58298	.05	11.80722
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233.1825525	-688.0082174	-525	58303.2	.05	11.81611
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243.6573782	-665.3082609	-500	58235.2	.04	11.82417
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254.132204	-642.6083044	-475	58204.5	.05	11.83333
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264.6070298	-619.9083479	-450	58113.6	.05	11.84222
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275.0818555	-597.2083914	-425	57839.5	.05	11.85167
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285.5566813	-574.5084349	-400	57790.8	.06	11.86111
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296.031507	-551.8084784	-375	57946.2	.06	11.87056

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306.5063328	-529.1085219	-350	59050.9	.12	11.88167
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316.9811586	-506.4085654	-325	59150.1	.08	11.89083
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327.4559843	-483.7086089	-300	58807	.05	11.90222
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337.9308101	-461.0086524	-275	58633.8	.05	11.9125
0					
348.4056359	-438.3086959	-250	58260.4	.19	11.92333
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358.8804616	-415.6087394	-225	59154.5	.1	11.93444
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369.3552874	-392.9087829	-200	57963.7	.08	11.94806
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379.8301132	-370.2088264	-175	58612.8	.1	11.95917
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390.3049389	-347.5088699	-150	58219	.05	11.96889
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400.7797647	-324.8089134	-125	58360.8	.05	11.97806
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411.2545905	-302.1089569	-100	58432.2	.05	11.9875
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421.7294162	-279.4090004	-75	58794.4	.06	11.99694
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432.204242	-256.7090439	-50	58318.4	.05	12.00944
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442.6790678	-234.0090874	-25	58211.9	.05	12.02194
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453.1538935	-211.3091309	0	58602.4	.05	12.03194
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463.9306592	-188.1982823	25	58661	.05	12.04083
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474.7074249	-165.0874337	50	58832.4	.06	12.04972
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496.2609562	-118.8657366	100	58864.3	.06	12.06917
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507.0377219	-95.75488802	125	58622.4	.06	12.07917
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517.8144876	-72.64403945	150	58491.2	.05	12.08889
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528.5912532	-49.53319088	175	58458.3	.05	12.09889
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539.3680189	-26.42234232	200	58269.9	.05	12.10972
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550.1447846	-3.311493746	225	57781.1	.05	12.11944
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560.9215503	19.79935482	250	57717.6	.05	12.13111
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571.6983159	42.91020339	275	57849.1	.06	12.14083

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582.4750816	66.02105196	300	57803.4	.06	12.15028
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593.2518473	89.13190053	325	57748.6	.06	12.15861
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604.028613	112.2427491	350	57730.7	.05	12.1675
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614.8053786	135.3535977	375	57728.3	.05	12.17639
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625.5821443	158.4644462	400	57747.2	.05	12.18583
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636.35891	181.5752948	425	57770.6	.06	12.19583
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647.1356757	204.6861434	450	57793	.06	12.205
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657.9124413	227.7969919	475	57816.5	.06	12.21389
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668.689207	250.9078405	500	57855.8	.06	12.22333
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679.4659727	274.0186891	525	57934.1	.06	12.23278
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690.2427384	297.1295377	550	58051	.07	12.24222
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701.019504	320.2403862	575	58220.8	.07	12.25278
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line	600				
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283.611822	-842.2740554	-650	58581.6	.05	12.89361
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293.6184701	-819.6316285	-625	58536.8	.05	12.88278
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313.6317663	-774.3467748	-575	58239.3	.07	12.86083
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333.6450624	-729.0619211	-525	58029.6	.06	12.84083
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343.6517105	-706.4194942	-500	58036.5	.06	12.83111
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353.6583586	-683.7770674	-475	58025.6	.06	12.82139
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363.6650067	-661.1346405	-450	58076.3	.05	12.81111
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373.6716548	-638.4922137	-425	58207.9	.05	12.80056
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383.6783029	-615.8497868	-400	58225.5	.05	12.79028
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393.684951	-593.2073599	-375	58156.7	.05	12.77917
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403.691599	-570.5649331	-350	58120.5	.06	12.76944
413.6982471	-547.9225062	-325	58069.1	.04	12.76
423.7048952	-525.2800794	-300	58119	.07	12.75083
433.7115433	-502.6376525	-275	58039.8	.05	12.74
443.7181914	-479.9952256	-250	58201.2	.07	12.73056
453.7248395	-457.3527988	-225	57998.3	.06	12.72056
463.7314875	-434.7103719	-200	57850.1	.06	12.70972
473.7381356	-412.0679451	-175	58019.1	.04	12.69917
483.7447837	-389.4255182	-150	58527.3	.05	12.68917
493.7514318	-366.7830913	-125	58613.2	.05	12.67972
503.7580799	-344.1406645	-100	58410.4	.05	12.66861
513.7647322	-321.4982286	-75	58274.2	.05	12.65806
523.7713761	-298.8558108	-50	58372.1	.05	12.64861
533.7780241	-276.2133839	-25	58748.2	.05	12.63889
543.7846722	-253.570957	0	59277.5	.06	12.62778
554.0782364	-230.7864769	25	59078.1	.05	12.61028
564.3718006	-208.0019967	50	59070.7	.07	12.59694
574.6653648	-185.2175166	75	58844.4	.07	12.58667
584.9589291	-162.4330364	100	58546.5	.05	12.57667
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605.5460575	-116.8640761	150	59029.8	.04	12.55583
615.8396217	-94.07959596	175	59481.1	.05	12.54611
626.1331859	-71.29511581	200	59135	.07	12.53528
636.4267501	-48.51063565	225	58761.9	.06	12.52583
646.7203143	-25.7261555	250	58472.9	.05	12.515
657.0138785	-2.941675346	275	58245.8	.07	12.50444

667.30744270	19.84280481	300	58075.5	.06	12.49444
677.60100690	42.62728496	325	57934.7	.06	12.48417
687.89457110	65.41176512	350	57841	.06	12.47417
698.18813530	88.19624527	375	57788.3	.05	12.465
708.48169950	110.9807254	400	57755.1	.05	12.45556
718.77526370	133.7652056	425	57745.6	.05	12.44639
729.06882800	156.5496857	450	57775.3	.05	12.43611
739.36239220	179.3341659	475	57843.3	.05	12.42667
749.65595640	202.118646	500	57962.3	.05	12.41694
759.94952060	224.9031262	525	58138.3	.05	12.40806
770.24308480	247.6876064	550	58425.2	.05	12.39889
780.53664900	270.4720865	575	58848.4	.05	12.38972
790.83021320	293.2565667	600	59304.7	.05	12.37861
line	700				
383.56829780	-857.4382549	-625	58974.1	.07	12.96556
393.60218390	-834.974036	-600	59026.3	.07	12.9775
403.63607010	-812.5098171	-575	58624.9	.06	12.9875
413.66995620	-790.0455983	-550	58402.8	.05	12.99778
423.70384230	-767.5813794	-525	58208.9	.05	13.01583
433.73772840	-745.1171605	-500	58014.1	.05	13.02528
443.77161460	-722.6529417	-475	57860.3	.06	13.035
453.80550070	-700.1887228	-450	57783.4	.06	13.04444
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1214.354823	-235.249578	300	57879.7	.07	9.8875
0					
1224.92028	-212.5918833	325	57855.5	.07	9.878889
0					
1235.485736	-189.9341886	350	57851.1	.07	9.869444
0					
line	1300				
998.5873619	-934.5845498	-425	57938	.07	10.24528
0					
1009.152818	-911.9268551	-400	57969.3	.08	10.25806
0					
1019.718275	-889.2691604	-375	57982.5	.08	10.26778
0					
1030.283732	-866.6114657	-350	57920.9	.07	10.27778
0					
1040.849188	-843.9537711	-325	57884.6	.07	10.28778
0					
1051.414645	-821.2960764	-300	57874.8	.07	10.29944
0					
1061.980101	-798.6383817	-275	57860.2	.07	10.30861
0					
1072.545558	-775.980687	-250	57852.7	.07	10.3175
0					
1083.111014	-753.3229923	-225	57841.6	.08	10.32778
0					
1093.676471	-730.6652977	-200	57836.3	.07	10.33889
0					

1104.241927	-708.007603	-175	57834.6	.07	10.34806
0					
1114.807384	-685.3499083	-150	57836.3	.07	10.35722
0					
1125.37284	-662.6922136	-125	57833	.07	10.36667
0					
1135.938297	-640.034519	-100	57838	.07	10.37556
0					
1146.503754	-617.3768243	-75	57846.9	.07	10.38528
0					
1157.06921	-594.7191296	-50	57812.8	.07	10.39583
0					
1167.634667	-572.0614349	-25	57817.8	.08	10.4075
0					
1178.200123	-549.4037403	0	57811.7	.07	10.41861
0					
1188.76558	-526.7460456	25	57785.1	.07	10.42944
0					
1199.331036	-504.0883509	50	57814.4	.07	10.43889
0					
1209.896493	-481.4306562	75	57845.9	.07	10.4525
0					
1220.461949	-458.7729616	100	57804.6	.07	10.4625
0					
1231.027406	-436.1152669	125	57778.1	.07	10.47139
0					
1241.592862	-413.4575722	150	57733.6	.06	10.48139
0					
1252.158319	-390.7998775	175	57752.3	.07	10.49
0					
1262.723775	-368.1421829	200	57726.5	.06	10.49972
0					
1273.289232	-345.4844882	225	57727.1	.07	10.50944
0					
1283.854689	-322.8267935	250	57742.4	.07	10.51944
0					
1294.420145	-300.1690988	275	57726.7	.06	10.52944
0					
1304.985602	-277.5114042	300	57729.8	.07	10.53889
0					
1315.551058	-254.8537095	325	57720.7	.07	10.54861
0					
1326.116515	-232.1960148	350	57724	.07	10.55778
0					
1336.681971	-209.5383201	375	57711.3	.07	10.56917
0					

Sheraton Township Project - VLF-EM data

line 2200					
1951.615305	-1020.390955	-100	-2.5	5.7	52.68
0	-1.4 10.8275				
1962.180762	-997.7332599	-75	-4.7	6	51.38
0	-2.7 10.81528				
1972.746218	-975.0755652	-50	-7.1	6.7	46.81
0	-4.1 10.8025				
1983.311675	-952.4178705	-25	1.4	5.7	42.46
0	.8 10.78028				
1993.877131	-929.7601758	0	8.1	3.9	45.52
0	4.6 10.76556				
2004.442588	-907.1024812	25	6.2	-3	45.27
0	3.5 10.75528				
2015.008045	-884.4447865	50	17.8	-1.1	45.48
0	10 10.74444				
2025.573501	-861.7870918	75	16.7	-4.7	49.93
0	9.4 10.735				
2036.138958	-839.1293971	100	12.4	-6.2	52.19
0	7 10.71722				
2046.704414	-816.4717025	125	8.5	-4.2	52.39
0	4.8 10.70833				
2057.269871	-793.8140078	150	6.8	-1.9	51.52
0	3.8 10.69889				
2067.835327	-771.1563131	175	7.5	0	52.03
0	4.2 10.68972				
2078.400784	-748.4986184	200	6.5	2.4	53.65
0	3.6 10.68056				
2088.96624	-725.8409237	225	4.9	5.2	54.58
0	2.8 10.67194				
2099.531697	-703.1832291	250	4.5	7.9	57.25
0	2.5 10.66278				
2110.097153	-680.5255344	275	2	10.7	60.6
0	1.1 10.65361				
2120.66261	-657.8678397	300	-4.4	13.6	63.27
0	-2.6 10.64444				
2131.228067	-635.210145	325	-7.9	15.7	66.14
0	-4.6 10.63556				
2141.793523	-612.5524504	350	-16	16.8	69.84
0	-9.3 10.62528				
2152.35898	-589.8947557	375	-29.3	17.1	70.21
0	-16.7 10.615				
2162.924436	-567.237061	400	-47.3	16.2	63.62
0	-25.8 10.60472				
2173.489893	-544.5793663	425	-41.4	18.7	48.96
0	-23.1 10.59333				
line 2100					
1850.41907	-1000.786823	-125	4.2	-12.8	63.38
0	2.4 10.92				
1860.984527	-978.1291284	-100	-6.4	-10.3	58.88

0	-3.7	10.93111			
1871.549983	-955.4714337	-75	-9.9	-9	54.78
0	-5.6	10.94083			
1882.11544	-932.813739	-50	-14.1	-8.1	51.99
0	-8	10.95167			
1892.680896	-910.1560443	-25	-15.3	-12.1	46.85
0	-8.7	10.96222			
1903.246353	-887.4983497	0	.7	-12.5	45.29
0	.4	10.97361			
1913.811809	-864.840655	25	4.7	-13.1	53.1
0	2.7	10.98889			
1924.377266	-842.1829603	50	3.8	-12.6	53.44
0	2.2	11			
1934.942722	-819.5252656	75	4.5	-9.9	58.88
0	2.6	11.01389			
1945.508179	-796.867571	100	-1.6	-6.9	61.3
0	-.9	11.02611			
1956.073635	-774.2098763	125	-4.9	-1.5	61.74
0	-2.8	11.03667			
1966.639092	-751.5521816	150	-7	3.8	60.69
0	-3.9	11.04972			
1977.204549	-728.8944869	175	-6.6	6.5	61.11
0	-3.7	11.05972			
1987.770005	-706.2367922	200	-10.6	7.2	61.06
0	-6	11.07083			
1998.335462	-683.5790976	225	-5.3	8.1	57.52
0	-3	11.08083			
2008.900918	-660.9214029	250	-1	8.6	61.24
0	-.5	11.09111			
2019.466375	-638.2637082	275	-1.8	9.1	65.88
0	-.9	11.10361			
2030.031831	-615.6060135	300	-5.8	10.8	70.91
0	-3.3	11.11611			
2040.597288	-592.9483189	325	-12.3	14.1	74.63
0	-7.1	11.13306			
2051.162744	-570.2906242	350	-21.1	17	78.7
0	-12.2	11.14472			
2061.728201	-547.6329295	375	-34.4	19.6	79.29
0	-19.5	11.1575			
2072.293657	-524.9752348	400	-53.9	20.4	72.24
0	-29	11.16833			
2082.859114	-502.3175402	425	-57.5	21.3	56.6
0	-30.7	11.18			
2093.424571	-479.6598455	450	-47.1	23.1	54.12
0	-26.1	11.19361			
2103.990027	-457.0021508	475	-40.7	18.2	47.93
0	-22.7	11.20556			
2114.555484	-434.3444561	500	-35.2	14.2	47.08
0	-19.7	11.21639			
2125.12094	-411.6867615	525	-25.3	10.1	45.01
0	-14.2	11.22778			
2135.686397	-389.0290668	550	-16.5	12.7	45.38

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   0      -9.4  11.24111
2146.251853 -366.3713721        575      -12.8       13.7      47.57
   0      -7.3  11.25083
   line       2000
1738.657378 -1003.840386       -175       35.8         -4      48.08
   0      19.7  11.73944
1749.222835 -981.1826915       -150       38.6       -4.2      49.15
   0        21  11.73167
1759.788291 -958.5249969       -125       30.3       -7.6      52.54
   0      16.9  11.71722
1770.353748 -935.8673022       -100       43.3       -8.7      50.97
   0      23.5  11.69667
1780.919204 -913.2096075        -75       59.2       -7.4       58.9
   0      30.6  11.68083
1791.484661 -890.5519128        -50         43      -17.7      57.31
   0      23.7  11.66694
1802.050118 -867.8942182        -25       57.2      -19.1      58.89
   0      30.4  11.65194
1812.615574 -845.2365235          0         40      -18.7      65.13
   0      22.4  11.63778
1823.181031 -822.5788288         25       62.5      -18.5      69.38
   0      32.5  11.62389
1833.746487 -799.9211341         50       35.3      -10.1      79.08
   0      19.5  11.60694
1844.311944 -777.2634395         75         14       -5.5      69.07
   0         8  11.59444
  1854.8774 -754.6057448        100        6.7       -.8      63.55
   0       3.8  11.58278
1865.442857 -731.9480501        125        6.2        2.2      60.01
   0       3.5  11.57222
1876.008313 -709.2903554        150        3.6        4.8      59.78
   0         2  11.56194
 1886.57377 -686.6326608        175       -3.7        6.5      57.98
   0      -2.1  11.55167
1897.139226 -663.9749661        200       -6.4        5.5       52.5
   0      -3.7     11.54
1907.704683 -641.3172714        225       -.9        3.9       50.6
   0       -.5  11.52972
 1918.27014 -618.6595767        250         11        4.4      51.35
   0       6.2  11.51861
1928.835596  -596.001882        275       15.5        3.5      60.25
   0       8.8  11.50778
1939.401053 -573.3441874        300        6.4        4.5      63.67
   0       3.6  11.49667
1949.966509 -550.6864927        325          2          7      64.45
   0       1.1  11.48472
1960.531966  -528.028798        350       -2.4        9.4      67.73
   0      -1.3  11.47139
1971.097422 -505.3711033        375        -10       11.6      71.92
   0      -5.8  11.45889
1981.662879 -482.7134087        400      -22.9       12.2      71.73
   0     -13.1  11.44722
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1992.228335  -460.055714        425        -29        13.2       62.65
   0      -16.4  11.43417
2002.793792 -437.3980193        450       -35.3        13.4        59.4
   0      -19.7  11.42167
2013.359248 -414.7403246        475       -35.9        12.5       49.49
   0       -20  11.41083
2023.924705   -392.08263        500       -28.6        20.8       49.04
   0      -16.6  11.40139
2034.490161 -369.4249353        525       -14.6         8.5       45.65
   0       -8.4  11.38833
2045.055618 -346.7672406        550       -13.6         6.3       47.38
   0       -7.8   11.3775
2055.621075 -324.1095459        575       -12.6         5.3       46.08
   0       -7.2   11.3675
2066.186531 -301.4518513        600       -10.8         5.1       45.94
   0       -6.2  11.35944
   line        1900
1637.461143 -984.2362547       -200         8.8        -6.9       52.08
   0          5  12.01583
  1648.0266   -961.57856       -175         8.4        -7.1       49.44
   0        4.8  12.03139
1658.592056 -938.9208654       -150         3.3        -9.5       51.67
   0        1.9  12.04389
1669.157513 -916.2631707       -125           7        -9.6       45.27
   0          4  12.06944
1679.722969  -893.605476       -100        17.2        -7.5       47.49
   0        9.8  12.08083
1690.288426 -870.9477813        -75        26.3        -6.6       50.14
   0       14.8  12.09167
1700.853882 -848.2900867        -50        40.1        -6.4       59.11
   0       21.9  12.10222
1711.419339  -825.632392        -25        26.8        -3.6       78.12
   0         15  12.11361
1721.984795 -802.9746973          0           3        -.6        83.87
   0        1.7  12.12528
1732.550252 -780.3170026         25       -24.7         4.3        69.3
   0      -13.8  12.14194
1743.115708  -757.659308         50       -18.2         8.8       61.98
   0      -10.3  12.15889
1753.681165 -735.0016133         75       -24.6         9.5       69.19
   0      -13.9  12.17306
1764.246622 -712.3439186        100       -37.3        10.7       58.35
   0      -20.6  12.18444
1774.812078 -689.6862239        125       -37.8         6.4       48.89
   0      -20.7  12.19778
1785.377535 -667.0285293        150       -24.3         5.9       44.36
   0      -13.6  12.21028
1795.942991 -644.3708346        175       -15.1           4       42.97
   0       -8.5  12.22194
1806.508448 -621.7131399        200        -2.2         3.8       41.52
   0       -1.2  12.23833
1817.073904 -599.0554452        225         5.2         1.5       44.69
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   0          3  12.24833
1827.639361 -576.3977505        250        7.3       -2.2       48.14
   0        4.1  12.28611
1838.204817 -553.7400559        275        8.2       -4.1       51.78
   0        4.7  12.30472
1848.770274 -531.0823612        300        5.5       -1.2       60.21
   0        3.1  12.31639
 1859.33573 -508.4246665        325         -1          1       60.97
   0        -.5  12.32806
1869.901187 -485.7669718        350       -7.9        2.6       64.98
   0       -4.4  12.33806
1880.466644 -463.1092772        375       -3.8        5.5       64.02
   0       -2.1  12.34806
  1891.0321 -440.4515825        400      -16.7        7.9       72.09
   0       -9.5  12.35861
1901.597557 -417.7938878        425      -27.4       12.4       67.89
   0      -15.4  12.36889
1912.163013 -395.1361931        450      -31.5       12.8        63.7
   0      -17.6  12.37972
 1922.72847 -372.4784985        475      -38.3       14.7       57.36
   0      -21.3  12.39278
1933.293926 -349.8208038        500      -38.6       17.2       52.83
   0      -21.5  12.41722
1943.859383 -327.1631091        525      -33.8        7.6       45.47
   0      -18.7  12.42944
1954.424839 -304.5054144        550      -22.5        8.6       43.78
   0      -12.7     12.44
1964.990296 -281.8477198        575      -17.2          9       44.85
   0       -9.7  12.45361
   line       1800
1536.264908 -964.6321232       -225        7.2       -9.9        51.8
   0        4.1  12.98806
1546.830364 -941.9744285       -200        9.9       -9.8       52.73
   0        5.7  12.97222
1557.395821 -919.3167339       -175        7.4       -9.2       55.79
   0        4.2     12.96
1567.961277 -896.6590392       -150        5.5       -9.9       56.58
   0        3.1  12.94722
1578.526734 -874.0013445       -125        3.5      -12.7       56.61
   0          2  12.93361
 1589.09219 -851.3436498       -100        9.9      -11.1       58.52
   0        5.7  12.91722
1599.657647 -828.6859552        -75       13.3       -8.3       60.92
   0        7.5  12.90528
1610.223104 -806.0282605        -50       16.2       -6.6       65.38
   0        9.2  12.89361
 1620.78856 -783.3705658        -25        7.7       -1.6       72.94
   0        4.3  12.88333
1631.354017 -760.7128711          0        6.8        1.1       85.84
   0        3.8  12.87361
1641.919473 -738.0551765         25      -28.5        4.3       80.35
   0      -15.9  12.86361
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1652.48493 -715.3974818	50	-38.4	6.1	65.13
0 -21.1 12.85417				
1663.050386 -692.7397871	75	-35.5	7.8	51.87
0 -19.6 12.84417				
1673.615843 -670.0820924	100	-23.8	7.9	46.66
0 -13.4 12.83417				
1684.181299 -647.4243978	125	-14.7	5	43.85
0 -8.4 12.82472				
1694.746756 -624.7667031	150	-4.7	5.3	42.9
0 -2.7 12.81361				
1705.312212 -602.1090084	175	-.3	2.7	42.5
0 -.1 12.80167				
1715.877669 -579.4513137	200	6.9	2.5	41.18
0 3.9 12.79167				
1726.443126 -556.7936191	225	14.7	3.3	41.72
0 8.3 12.78111				
1737.008582 -534.1359244	250	19	.3	42.97
0 10.7 12.77028				
1747.574039 -511.4782297	275	23.6	-2.2	42.54
0 13.2 12.75972				
1758.139495 -488.820535	300	33	-3.1	42.94
0 18.2 12.74639				
1768.704952 -466.1628403	325	52.6	-1	45.9
0 27.7 12.73028				
1779.270408 -443.5051457	350	63.3	-5	54.65
0 32.3 12.71833				
1789.835865 -420.847451	375	53.6	-9	68.12
0 28.2 12.70778				
1800.401321 -398.1897563	400	34.1	-7.6	77.44
0 18.8 12.69694				
1810.966778 -375.5320616	425	20.9	-4.4	79.46
0 11.7 12.68639				
1821.532234 -352.874367	450	9	1	79.03
0 5.1 12.67333				
1832.097691 -330.2166723	475	-.4	5.5	79.35
0 -.2 12.6625				
1842.663148 -307.5589776	500	-20	7.8	75.11
0 -11.4 12.65111				
1853.228604 -284.9012829	525	-30.3	6	68.19
0 -16.9 12.63778				
1863.794061 -262.2435883	550	-43.8	0	53.72
0 -23.6 12.62806				
line 1700				
1424.503216 -967.6856864	-275	23.3	-3.5	40.93
0 13.1 13.09222				
1435.068673 -945.0279917	-250	34.8	-1.5	44.26
0 19.2 13.10556				
1445.634129 -922.370297	-225	55.5	-1.3	61.8
0 29 13.11944				
1456.199586 -899.7126024	-200	26.3	-9.5	73.74
0 14.8 13.13111				
1466.765042 -877.0549077	-175	7.2	-8.7	72.97

0	4.2	13.14694			
1477.330499	-854.397213	-150	-4	-4.3	70.45
0	-2.2	13.15778			
1487.895955	-831.7395183	-125	-18.6	0	67.7
0	-10.5	13.17528			
1498.461412	-809.0818237	-100	-19.6	5.6	60.62
0	-11.1	13.19139			
1509.026868	-786.424129	-75	-18.1	9	62.12
0	-10.3	13.205			
1519.592325	-763.7664343	-50	-10.5	9	67.79
0	-6	13.22083			
1530.157781	-741.1087396	-25	-20.9	10	76.24
0	-11.9	13.23333			
1540.723238	-718.451045	0	-41.3	10.7	82.72
0	-22.6	13.25417			
1551.288695	-695.7933503	25	-80	5.5	77.86
0	-38.6	13.26556			
1561.854151	-673.1356556	50	-80.2	-1.6	50.77
0	-38.6	13.27833			
1572.419608	-650.4779609	75	-53.9	1.6	43.51
0	-28.3	13.30083			
1582.985064	-627.8202663	100	-39.1	2	41.31
0	-21.3	13.3125			
1593.550521	-605.1625716	125	-27.9	2.2	40.34
0	-15.5	13.32361			
1604.115977	-582.5048769	150	-19.2	2.4	40.11
0	-10.8	13.33806			
1614.681434	-559.8471822	175	-11	1.8	39.9
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0	-1.5	13.38833			
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0	2	13.4			
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0	5.7	13.41111			
1656.94326	-469.2164035	275	15.7	-1.3	42.23
0	8.9	13.42111			
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0	12.7	13.43444			
1678.074173	-423.9010142	325	33.4	-2.7	45.07
0	18.4	13.44583			
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0	24.9	13.45667			
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0	30.2	13.46778			
1709.770543	-355.9279301	400	79.9	-1.6	64.25
0	38.6	13.48639			
1720.335999	-333.2702355	425	95	-1.5	174.57
0	43.5	13.49972			
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0	12.7	13.51222			
1741.466912	-287.9548461	475	-1.9	2.1	94.16

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1752.032369 -265.2971514       500       -24       8.7      67.28
   0     -13.5  13.53833
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   0       2.8  14.16417
1333.872437 -925.4238602      -275       7.8      -6.5      50.47
   0       4.4  14.15167
1344.437894 -902.7661655      -250       9.3      -8.3      53.31
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   0        .6  14.04444
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   0       8.5  14.02972
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   0       8.1  14.01889
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   0       3.6  14.00583
1439.527003 -698.8469135       -25        .8      10.2      65.41
   0        .4  13.99583
1450.092459 -676.1892188         0      -5.8      14.2       67.2
   0      -3.4  13.98639
1460.657916 -653.5315241        25     -14.4      16.8      65.83
   0      -8.4  13.97583
1471.223372 -630.8738294        50     -19.4      16.3      60.44
   0     -11.3    13.965
1481.788829 -608.2161348        75     -20.4      12.5      57.32
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1513.485199 -540.2430507       150     -16.6     -10.8      39.42
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   0       5.3  13.88722
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   0      13.2  13.83833
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   0      30.9   13.8125
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1285.503485 -792.5312553       -175       -22.7         2.6       56.33
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   0          .9   14.3925
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   0       3.1   10.1325
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   line         400
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0	18.6	12.07917			
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0	23.4	12.08889			
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0	23.3	12.09889			
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0	22.8	12.10972			
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   0       -3.3  12.17639
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   0       -2.7  12.18583
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0	2.2	14.97417			
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0	2.4	14.96472			
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0	2.2	14.95583			
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634.4158622	-543.0999666	-225	3.5	-1.3	55.5
0	2	14.92389			
644.485903	-520.3215936	-200	2.9	-.6	55.85
0	1.6	14.91528			
654.5559439	-497.5432206	-175	.2	-.4	56.33
0	0	14.90556			
664.6259847	-474.7648476	-150	-3.9	-1.8	53.51
0	-2.2	14.89028			
674.6960255	-451.9864745	-125	4.6	.8	54.25
0	2.6	14.87944			
684.7660621	-429.2081106	-100	-.5	-1.5	55.03
0	-.3	14.86944			
694.8361072	-406.4297285	-75	7	.6	53.48
0	3.9	14.85861			
704.906148	-383.6513554	-50	3.6	-.1	55.31
0	2	14.84778			
714.976188	-360.8729824	-25	1.1	-.7	55.39
0	.6	14.83639			
725.0462296	-338.0946094	0	-.5	-1.3	53.58

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   0       -.3  14.82556
735.1162705 -315.3162364        25         3         0      54.69
   0       1.7  14.81611
745.1863113 -292.5378633        50      -1.5      -2.4      55.36
   0       -.8  14.80694
755.2563521 -269.7594903        75      -4.1      -3.8      53.81
   0      -2.3  14.79722
765.3263929 -246.9811173       100        -4      -3.8      51.63
   0      -2.3  14.78417
775.3964337 -224.2027443       125       1.9        -.9      51.98
   0          1  14.77194
785.4664746 -201.4243712       150       4.3         1      53.87
   0       2.4  14.76194
795.5365154 -178.6459982       175       4.9       1.3      53.56
   0       2.7  14.75222
805.6065562 -155.8676252       200         6       1.6       54.3
   0       3.4  14.74278
 815.676597 -133.0892521       225       7.4       1.6      55.77
   0       4.2  14.73222
825.7466379 -110.3108791       250       7.6        .4      56.05
   0       4.3  14.72194
835.8166787 -87.53250608       275       7.5        .5      57.79
   0       4.2  14.71361
845.8867195 -64.75413306       300       5.7       1.9      58.01
   0       3.2  14.70444
855.9567603 -41.97576003       325       5.1       3.7      57.87
   0       2.8  14.69528
866.0268012   -19.197387       350       5.5       5.8      58.22
   0       3.1  14.68667
 876.096842  3.580986028       375       6.1       8.2      57.99
   0       3.5  14.67778
886.1668828  26.35935906       400         6       8.6      58.56
   0       3.4  14.66861
   line       1100
785.6294349 -918.0339814      -500        .1     -11.2      63.66
   0        .1  15.23167
796.1948914 -895.3762868      -475      -2.2      -8.4       62.3
   0      -1.2   15.2425
 806.760348 -872.7185921      -450      -4.6      -5.5      60.58
   0      -2.6  15.25194
817.3258045 -850.0608974      -425      -4.9      -3.9      59.53
   0      -2.8  15.26222
 827.891261 -827.4032027      -400      -5.5        -3      58.17
   0      -3.1  15.27472
838.4567176 -804.7455081      -375      -4.5      -1.8      58.01
   0      -2.5  15.28417
849.0221741 -782.0878134      -350        -4        -.7      57.58
   0      -2.2  15.29444
859.5876307 -759.4301187      -325      -4.5        -.6      57.47
   0      -2.5  15.30417
870.1530872  -736.772424      -300      -3.9        -.7      57.27
   0      -2.2  15.31389
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880.7185438 -714.1147294	-275	-3.8	-.3	56.78
0 -2.1 15.32306				
891.2840003 -691.4570347	-250	-3.5	.2	57.04
0 -2 15.33306				
901.8494568 -668.79934	-225	-4.3	.2	57.35
0 -2.4 15.34194				
912.4149134 -646.1416453	-200	-3.8	.8	56.79
0 -2.1 15.35194				
922.9803699 -623.4839506	-175	-4.3	1.6	56.68
0 -2.4 15.36194				
933.5458265 -600.826256	-150	-3.8	2	56.08
0 -2.1 15.3725				
944.111283 -578.1685613	-125	-2	1.6	56.38
0 -1.1 15.38194				
954.6767396 -555.5108666	-100	-1.7	.8	57.23
0 -.9 15.39167				
965.2421961 -532.8531719	-75	-2	.3	57.52
0 -1.1 15.40083				
975.8076527 -510.1954773	-50	-2.6	.4	57.75
0 -1.4 15.41056				
986.3731092 -487.5377826	-25	-2.2	1	58.41
0 -1.2 15.42028				
996.9385657 -464.8800879	0	-2.6	2.1	59.62
0 -1.4 15.43139				
1007.504022 -442.2223932	25	-7.3	3.3	60.78
0 -4.1 15.44167				
1018.069479 -419.5646986	50	-16.8	2.2	57.73
0 -9.5 15.45111				
1028.634935 -396.9070039	75	-14.6	2.6	50.87
0 -8.2 15.46139				
1039.200392 -374.2493092	100	0	2.1	47.44
0 0 15.47194				
1049.765848 -351.5916145	125	12.5	.2	53.09
0 7.1 15.48556				
1060.331305 -328.9339199	150	10.6	-.9	60.65
0 6 15.50028				
1070.896762 -306.2762252	175	2.9	-2	62.14
0 1.6 15.51				
1081.462218 -283.6185305	200	3.5	1.5	64.46
0 2 15.52056				
1092.027675 -260.9608358	225	1.4	4.2	65.56
0 .8 15.53111				
1102.593131 -238.3031412	250	-.1	7.8	68.08
0 0 15.54056				
1113.158588 -215.6454465	275	-.8	12.7	73.53
0 -.4 15.55083				
1123.724044 -192.9877518	300	-8.5	18.4	80.45
0 -5 15.56139				
1134.289501 -170.3300571	325	-6.5	25.1	81.67
0 -3.9 15.57111				
line 1400				
1110.349054 -931.5309866	375	3.2	-2.1	53.65

0	1.8	9.780278			
1120.91451	-908.8732919	-350	3.7	-1	53.16
0	2.1	9.769167			
1131.479967	-886.2155972	-325	3.4	-.6	53.45
0	1.9	9.759167			
1142.045423	-863.5579025	-300	4.1	.3	54.19
0	2.3	9.748611			
1152.61088	-840.9002079	-275	2.9	.6	54.46
0	1.6	9.7375			
1163.176336	-818.2425132	-250	2.1	.6	55.11
0	1.1	9.726389			
1173.741793	-795.5848185	-225	1.2	.5	54.22
0	.6	9.713333			
1184.30725	-772.9271238	-200	3.3	1.2	56.03
0	1.8	9.702222			
1194.872706	-750.2694292	-175	1.2	.8	56.06
0	.6	9.689167			
1205.438163	-727.6117345	-150	2.1	1.1	56.45
0	1.2	9.676944			
1216.003619	-704.9540398	-125	-.7	2.4	55.12
0	-.4	9.666111			
1226.569076	-682.2963451	-100	-.9	2.7	52.95
0	-.5	9.655833			
1237.134532	-659.6386505	-75	3.3	1.6	49.44
0	1.8	9.644444			
1247.699989	-636.9809558	-50	11.7	.9	48.7
0	6.6	9.634722			
1258.265445	-614.3232611	-25	19.6	.3	51.69
0	11	9.624722			
1268.830902	-591.6655664	0	17	-.3	57.17
0	9.6	9.613611			
1279.396358	-569.0078718	25	7.4	-2.2	55.02
0	4.1	9.603889			
1289.961815	-546.3501771	50	11.5	0	50.35
0	6.5	9.591667			
1300.527271	-523.6924824	75	9.2	-.3	47.86
0	5.2	9.580278			
1311.092728	-501.0347877	100	8.5	1	47.25
0	4.8	9.568889			
1321.658185	-478.3770931	125	5.8	2.3	46.26
0	3.2	9.558333			
1332.223641	-455.7193984	150	2.3	3.5	45.89
0	1.2	9.545			
1342.789098	-433.0617037	175	2.5	5.9	46.55
0	1.4	9.534167			
1353.354554	-410.404009	200	-3.7	7.4	42
0	-2.1	9.519722			
1363.920011	-387.7463144	225	13.4	10	45.14
0	7.6	9.506389			
1374.485467	-365.0886197	250	8.2	11.1	54.9
0	4.7	9.4925			
1385.050924	-342.430925	275	-5.7	15.4	57.91

0	-3.3	9.477222			
1395.61638	-319.7732303	300	-20.8	20.7	52.15
0	-12.2	9.461389			
1406.181837	-297.1155357	325	-1.8	22.7	50.78
0	-1.1	9.448056			
1416.747293	-274.457841	350	8.5	23	54.84
0	5	9.437778			
1427.31275	-251.8001463	375	-3.3	20.4	66.8
0	-1.9	9.425556			
1437.878207	-229.1424516	400	-18.6	21.7	70.44
0	-11	9.4125			
1448.443663	-206.4847569	425	-43.6	20.5	70.62
0	-24.3	9.401389			
1459.00912	-183.8270623	450	-57.1	17.5	65.46
0	-30.3	9.393611			
line	1200				
897.3911267	-914.9804183	-450	.9	-11.2	53.39
0	.4	10.19139			
907.9565832	-892.3227236	-425	2	-10	50.96
0	1.1	10.18083			
918.5220397	-869.6650289	-400	1	-8	50.87
0	.5	10.17194			
929.0874963	-847.0073342	-375	.6	-6.4	49.58
0	.3	10.16278			
939.6529528	-824.3496396	-350	.6	-5.7	48.55
0	.3	10.15306			
950.2184094	-801.6919449	-325	.9	-5.1	48.41
0	.4	10.14278			
960.7838659	-779.0342502	-300	1.4	-4.2	47.84
0	.7	10.13306			
971.3493225	-756.3765555	-275	1.7	-3.9	47.46
0	.9	10.12306			
981.914779	-733.7188608	-250	2.7	-4.2	47.52
0	1.5	10.11278			
992.4802356	-711.0611662	-225	2.5	-4.5	47.93
0	1.4	10.10417			
1003.045692	-688.4034715	-200	2.2	-3.2	48.36
0	1.2	10.09389			
1013.611149	-665.7457768	-175	1.7	-2.5	48.12
0	.9	10.08361			
1024.176605	-643.0880821	-150	2.3	-2.3	48.56
0	1.2	10.07389			
1034.742062	-620.4303875	-125	2.7	-1.9	48.18
0	1.5	10.06444			
1045.307518	-597.7726928	-100	3.1	-1.6	48.49
0	1.7	10.055			
1055.872975	-575.1149981	-75	2.8	-1.3	49.09
0	1.5	10.04083			
1066.438431	-552.4573034	-50	2.6	-.5	50.02
0	1.4	10.03028			
1077.003888	-529.7996088	-25	.6	.5	50.23
0	.3	10.02056			

1087.569344	-507.1419141	0	-3.8	.6	51.36
0	-2.2	10.00944			
1098.134801	-484.4842194	25	-8.6	0	50.16
0	-4.9	9.997222			
1108.700258	-461.8265247	50	-8.4	1	43.93
0	-4.8	9.983611			
1119.265714	-439.1688301	75	3.2	.5	43.56
0	1.8	9.972778			
1129.831171	-416.5111354	100	8.9	-1.9	44.54
0	5	9.963889			
1140.396627	-393.8534407	125	21.9	-3.8	45.64
0	12.3	9.954444			
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0	12.2	9.945833			
1161.52754	-348.5380514	175	10.3	-2	56.72
0	5.8	9.935			
1172.092997	-325.8803567	200	6.5	.6	56.68
0	3.7	9.925			
1182.658453	-303.222662	225	6.1	3.8	58.09
0	3.5	9.915278			
1193.22391	-280.5649673	250	5.8	8.4	61.36
0	3.3	9.905833			
1203.789366	-257.9072727	275	3	13	66.4
0	1.7	9.897222			
1214.354823	-235.249578	300	-2.8	18.9	73.72
0	-1.6	9.8875			
1224.92028	-212.5918833	325	-10.2	23.4	78.12
0	-6.2	9.878889			
1235.485736	-189.9341886	350	-15.4	25.7	82.24
0	-9.3	9.869444			
line	1300				
998.5873619	-934.5845498	-425	-4.2	-4.7	52.02
0	-2.4	10.24528			
1009.152818	-911.9268551	-400	-4.4	-4	50.2
0	-2.4	10.25806			
1019.718275	-889.2691604	-375	-4.3	-3.4	49.41
0	-2.4	10.26778			
1030.283732	-866.6114657	-350	-4.1	-2.6	48.64
0	-2.3	10.27778			
1040.849188	-843.9537711	-325	-3.3	-1.1	47.86
0	-1.8	10.28778			
1051.414645	-821.2960764	-300	-2.6	0	47.28
0	-1.5	10.29944			
1061.980101	-798.6383817	-275	-3.1	.4	47.25
0	-1.7	10.30861			
1072.545558	-775.980687	-250	-3.6	1.2	47.14
0	-2	10.3175			
1083.111014	-753.3229923	-225	-3.8	1.4	47.49
0	-2.1	10.32778			
1093.676471	-730.6652977	-200	-3.1	1.5	47.31
0	-1.7	10.33889			
1104.241927	-708.007603	-175	-2.8	1.8	47.17

0	-1.5	10.34806			
1114.807384	-685.3499083	-150	-1.8	2.1	47.54
0	-.9	10.35722			
1125.37284	-662.6922136	-125	-2.9	2.7	48.1
0	-1.6	10.36667			
1135.938297	-640.034519	-100	-4.4	3.7	47.88
0	-2.4	10.37556			
1146.503754	-617.3768243	-75	-7.2	4	48.06
0	-4	10.38528			
1157.06921	-594.7191296	-50	-14.3	2.6	47.84
0	-8.1	10.39583			
1167.634667	-572.0614349	-25	-15.4	2.4	42.69
0	-8.7	10.4075			
1178.200123	-549.4037403	0	-4.4	3.4	41.13
0	-2.5	10.41861			
1188.76558	-526.7460456	25	7.2	2.5	41.51
0	4.1	10.42944			
1199.331036	-504.0883509	50	13.8	1.7	46.62
0	7.9	10.43889			
1209.896493	-481.4306562	75	.8	2.1	53.8
0	.4	10.4525			
1220.461949	-458.7729616	100	-12.9	3.6	49.25
0	-7.3	10.4625			
1231.027406	-436.1152669	125	-10.4	5.2	46.4
0	-5.9	10.47139			
1241.592862	-413.4575722	150	-2.6	6.5	46.34
0	-1.5	10.48139			
1252.158319	-390.7998775	175	2.2	7.6	46.31
0	1.2	10.49			
1262.723775	-368.1421829	200	9.3	8.3	48.68
0	5.3	10.49972			
1273.289232	-345.4844882	225	9.6	8.7	50.33
0	5.5	10.50944			
1283.854689	-322.8267935	250	9.9	8.5	54.87
0	5.7	10.51944			
1294.420145	-300.1690988	275	3.3	12.2	57.37
0	1.9	10.52944			
1304.985602	-277.5114042	300	.8	16	58.89
0	.4	10.53889			
1315.551058	-254.8537095	325	-4	19.7	62.79
0	-2.3	10.54861			
1326.116515	-232.1960148	350	-8.4	23.2	66.79
0	-5	10.55778			
1336.681971	-209.5383201	375	-20.3	27.3	67.98
0	-12.3	10.56917			

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W.9960.00079
Assessment Files Research Imaging

42A07NE2009 2.19254 SHERATON 900

:tions 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

PROVINCIAL RECORDING OFFICE
RECEIVED
FEB 16 1999
A.M. 10:00 a.m.
7 8 9 10 11 12 1 2 3 4 5 6

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary) 2.19254

Name GOLDHUNTER EXPLORATIONS INC.	Client Number 137858
Address 420 - 111 RICHMOND STREET WEST	Telephone Number (416) 368-9411
TORONTO ON M5H 2G4	Fax Number (416) 366-8179
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☒ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling stripping, trenching and associated assays ☐ Rehabilitation

Work Type: LINECUTTING, MAGNETOMETER + VLF-EM SURVEYS	Office Use
	Commodity
	Total $ Value of Work Claimed 13,360.
Dates Work Performed From 8 (Day) 1 (Month) 1998 (Year) To 10 (Day) 2 (Month) 1999 (Year)	NTS Reference
Global Positioning System Data (if available) — Township/Area SHERATON	Mining Division Porcupine
M or G-Plan Number G-3971	Resident Geologist District

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name JOHN GRANT, EXSICS EXPLORATION LTD.	Telephone Number (705) 267-4151
Address P.O. BOX 1880 TIMMINS ON P4N 7X1	Fax Number (705) 264-5790
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECORDED
FEB 16 1999

4. Certification by Recorded Holder or Agent

I, JOHN M. SIRUNAS (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date 15 FEB 1999
Agent's Address 56 TEMPERANCE ST. 6th FLOOR TORONTO ON M5H 3V5	Telephone Number (416) 363-1494	Fax Number (416) 363-9982

0241 (03/97)

Deemed May 17/99.

RECEIVED
FEB 16 1999
GEOSCIENCE ASSESSMENT OFFICE

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W-9960-00079

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	P 1206797	6	7,348	2,400	0	4,948
2	P 1224159	6	6,012	2,400	0	3,612
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
	Column Totals	12	13,360	4,800	0	8,560

I, JOHN M. SIRIGNAS (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
	15 FEB 1999

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☒ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECORDED
FEB 16 1999

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
FEB 16 1999
GEOSCIENCE ASSESSMENT OFFICE

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W-9960-00079

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.10054

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
LINECUTTING	24.85 km	$265/km	$6,585.25
MAGNETOMETER AND VLF_EM SURVEYS	24.85 km	$163/km	$4,100.25
SUPERVISION AND CONSULTING	2 DAYS	$300/day	$600.00
REPORTING, DATA PROCESSING	ALL INCLUSIVE		$2,075.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	$13,360.50

RECORDED
FEB 16 1999

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, JOHN M. SIRIUNAS (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
	15 FEB 1999

0212 (03/97)

RECEIVED
FEB 16 1999
GEOSCIENCE ASSESSMENT OFFICE

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

May 28, 1999

GOLDHUNTER EXPLORATIONS INC.
420 - 111 RICHMOND STREET WEST
TORONTO, Ontario
M5H-2G4

Dear Sir or Madam:

Submission Number: 2.19254

Subject: Transaction Number(s):		**Status**
	W9960.00079	Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 13792

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19254

Date Correspondence Sent: May 28, 1999 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9960.00079	1206797	SHERATON	Approval After Notice	May 16, 1999

Section:
14 Geophysical MAG
14 Geophysical VLF

The revisions outlined in the Notice dated April 01, 1999, have been corrected. Accordingly, assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission.

Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
J. M. Siriunas
TORONTO, ONTARIO

GOLDHUNTER EXPLORATIONS INC.
TORONTO, Ontario

AREAS WITHDRAWN FROM DISPOSITION

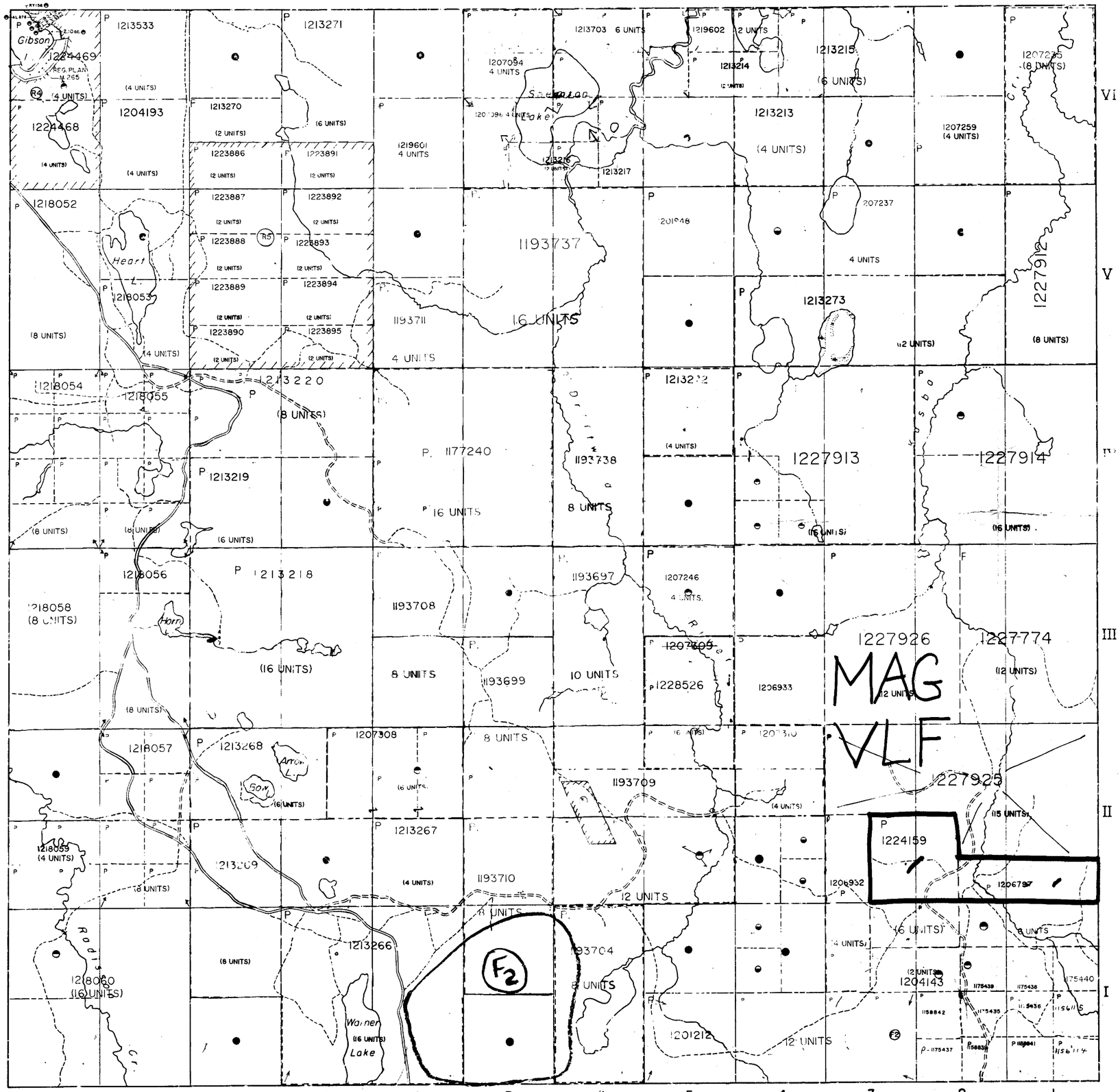
M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R4)	W 68/77	4/8/77	S.R.O.	177198
~~(R5)~~	~~NWR 6/72~~	~~19/11/82~~	~~SR & MR~~	~~—~~
~~(R5)~~	~~NWR 41/83~~	~~22/06/83~~	~~SR & MR~~	~~—~~

(R4) — MINING AND SURFACE RIGHTS RE-OPENED UNDER SECTION 35 OF THE MINING ACT, R.S.O. 990 ORDER NO. O-P-13/97 NER DATED MAY 16/97, ORDER COMES INTO EFFECT AT 8AM STD TIME, JUNE 1, 1997.

(R5) — MINING AND SURFACE RIGHTS RE-OPENED UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990, ORDER NO. O-P 15/97 NER DATED MAY 26/97, ORDER COMES INTO EFFECT AT 8AM STD TIME, JUNE 10, 1997.

BOND TOWNSHIP



THOMAS TOWNSHIP

EGAN TOWNSHIP

12 11 10 9 8 7 6 5 4 3 2 1

TIMMINS TOWNSHIP

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	ABBR.
PATENT, SURFACE & MINING RIGHTS	P
" SURFACE RIGHTS ONLY	S
" MINING RIGHTS	M
LEASE, SURFACE & MINING	LS
" SURFACE RIGHTS ONLY	LSU
" MINING RIGHTS ONLY	LMU
LICENCE OF OCCUPATION	LO
ORDER IN COUNCIL	OC
RESERVATION	R
CANCELLED	C
SAND & GRAVEL	SG

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO APRIL 1, 1913, VESTED IN ORIGINAL PATENTEE UNDER MINING LANDS ACT, R.S.O. 1970, CHAP. 274, SEC. 60, UNLESS OTHERWISE NOTED.

Metres 650 0 1300
Chains 30 20 10 0 10 20 30
Feet 2000 1000 0 1000 2000 3000 4000

SCALE 1:20 000

NOTES

THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1994/95 FURTHER INFORMATION ON FILE.

(F2) THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1995/96. FURTHER INFORMATION AVAILABLE FOR FILE.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED.

JUN 07 1999

THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

TOWNSHIP

SHERATON

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

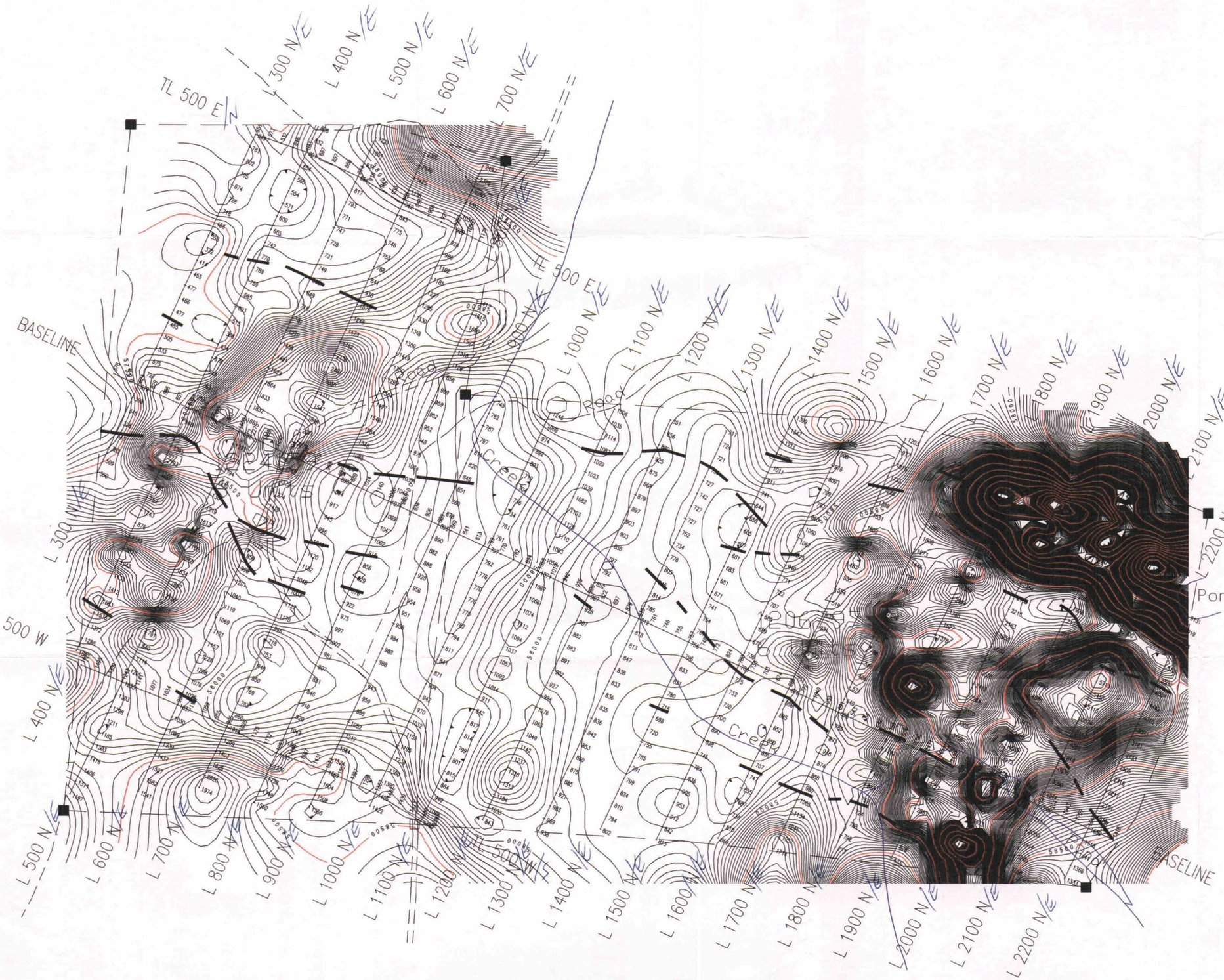
Ministry of Natural Resources — Ontario
Ministry of Northern Development and Mines

Date: [illegible]
CK BY AL Oct 28/96
B.B

Number: G-3971

200
42A07NE2009 2.19254 SHERATON

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



2.19254

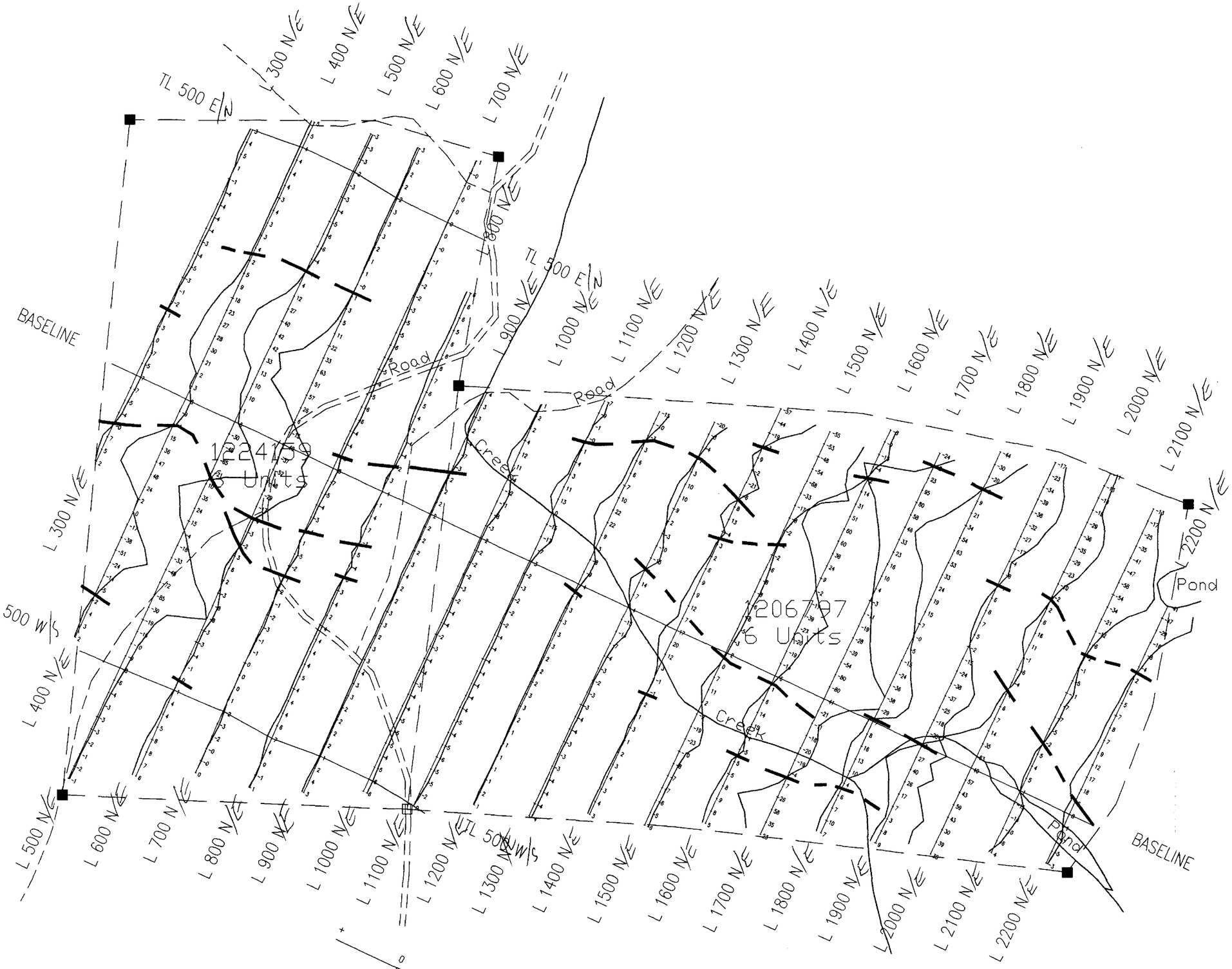
LEGEND
Instrument: SCINTREX ENVI MAG, BRGM OMNI-IV
Parameters Measured: Earth's total magnetic field
Accuracy: +/- 0.1 nano-teslas
Diurnals: Corrected by base station recorder
Contour Interval: 0,50,100,150,200,250,.....
Reference Field: 58,000 gammas
Datum Subtracted: 57,000 gammas

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

CLIENT: FINDORE GOLD RESOURCES LTD.
PROPERTY: SHERATON TWP. PROPERTY
TITLE:

MAGNETOMETER SURVEY

Date: Jan. 1998	Scale: 1:5000	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-288



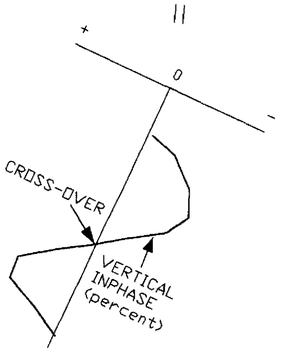
N

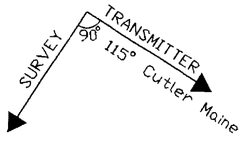
SCALE (m) 0 50 100 150 200

220
42A07NE2009 2.19254 SHERATON

LEGEND

Instrument: SCINTREX ENVI MAG
Transmitter Station: NAA CUTLER MAINE
Frequency: 24.0 KHz
Parameters Measured: INPHASE DIP ANGLE
Vertical Scale: 1cm=40%
Operator: J. DerWeduwen



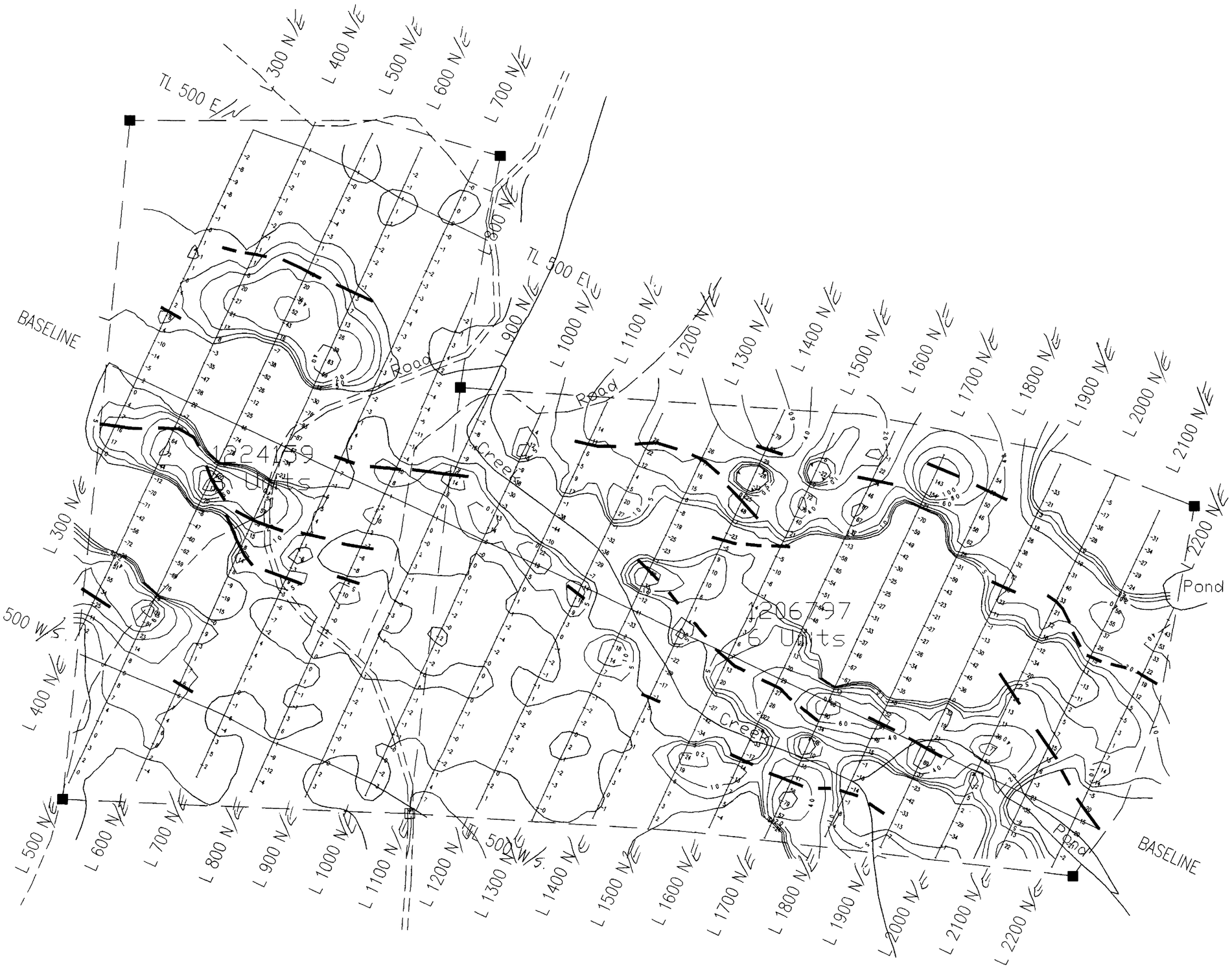


EXSICS EXPLORATION LTD.
P.O. Box 1880, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: FINDORE GOLD RESOURCES LTD.
PROPERTY: SHERATON TWP. PROPERTY
TITLE:

VLF DIP ANGLE

Date: Jan. 1998	Scale: 1:5000	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-288



LEGEND

Instrument: SCINTREX ENVI MAG
Transmitter Station: NAA CUTLER MAINE
Frequency: 24.0 KHz
Values filtered: INPHASE DIP ANGLE
Contour Interval: 0,5,10,15,20,25,.....
Operator: J. DerWeduwen

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

CLIENT: FINDORE GOLD RESOURCES LTD.
PROPERTY: SHERATON TWP. PROPERTY
TITLE:

FRASER FILTERED VLF

Date: Jan. 1998	Scale: 1:5000	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-288