JOHN A. GORE
CLIENT # 138273
LICENCE # B-23436

GROUND GEOPHYSICAL SURVEYS
MAGNETOMETER/VLF/HORIZONTAL LOOP EM
JOHN GORE
MAIDENS LAKE PROPERTY
South Lorrain Township
October 1999

Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario P0H 2H0 Tel. (705) 569-2904 Fax. (705) 569-2817

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LIST OF MAPS

1.0 INTRODUCTION:

From August 10 to September 30, 1999 a program of linecutting and geophysical surveying was carried out on the Maidens Lake Property in South Lorrain Tp. The claims are held by Mr. John A. Gore P.O. Box 212 - 38 Ruby St., Cobalt, Ontario POJ 1CO.
The linecutting was done by Denis Theberge while the geophysical work was executed by David Laronde and Daniel St. Pierre of Meegwich Consultants Inc., P.O. Box 482, Temagami, Ontario POH 2HO. David Laronde supervised the field work and is the author of this report.

Linecutting: A total of **8.125 km** of chainsaw linecutting was done. 7.100 km of crossline was cut from a 1.025 km baseline running east-west.

2.0 PROPERTY:

The property consists of a group of 3 mining claims situated in the north-east corner of South Lorrain Township. The claim numbers are listed as follows:

1230755	3 units
991049	1 unit
991048	1 unit

3.0 LOCATION AND ACCESS:

As the crow flies the property is located 27 km south-east of the town of Cobalt, Ontario which is 160 km north of the city of North Bay. The claim

group is situated in the historic Silver Centre mining camp and is easily accessed year round since Hwy 567 cuts the middle of the property. Further access to the ground is via a bush road that traverses the property in an east-west direction.

4.0 GEOLOGIC SETTING:

The claim group is underlain by Huronian sediments which is in contact with the bottom of a very large Nipissing diabase sill to the north. To the south the sediments are in contact with another smaller and thinner diabase sill. The contacts trend east-west. Two windows of Keewatin volcanics can be seen in the southwest and southeast portions of these claims. Another newly discovered window of volcanic rock is located just southeast of Maidens Lake.

Major fault structure trends north-west like the Maidens Lake Fault that cuts the west part of the grid. The Timiskaming Rift passes the property in a north-south direction 1.5 km to the east.

5.0 MAGNETOMETER SURVEY:

A total of 8.125 km was surveyed (650 readings) at 12.5 meter stations on lines spaced at 100 meters.

5.1 Instrumentation: A GEM Systems GSM-19 Overhauser Mag/VLF unit, Serial no. 706692 was used for the survey. A Gem base station was set up near the property to monitor and correct for the diurnal variation during the course of the survey. These instruments are micro-processor based and

measure the earth's total magnetic field to an accuracy of one one-hundredth of a gamma.

5.2 Survey Results: The results are presented in contour form on plans at 1:2500 scale.

Overall the magnetic response varies a great deal.

A low spanning the grid from L 500 W at 100 S to the north end of L 525 E corresponds to Huronian sediments. The highs on either side likely reflect Nipissing diabase. A low within the northern most high from L 100 W at 250 N to L 0 at 200 N corresponds to a window of Keewatin volcanic rock that has a sheared or shattered appearance with calcite veining. A similar response is noted trending east-west from L 150 W at 412 N to L 0 at 375 N. This could possibly be Keewatin as well when comparing magnetic intensity. There may be another sliver of Huronian to the south along where VLF conductor A is located since this is another low with a similar intensity and trend. To the south of this is the most intense high on the grid with values ranging up to 57800 gammas. Again this appears to be Nipissing diabase.

In the extreme southwest and southeast corners of the grid are irregular shaped highs and lows. Keewatin volcanic rock is indicated here on the geology map but these features could also be a differentiated diabase with varying amounts of magnetic mineral. In any event these are highs and lows that look prospective.

In the northwest corner of the grid is a low that is more or less circular. The geology map shows Huronian sediments here and it is in outcrop at the cut

done for the road. A high immediately to the southwest may once again be diabase.

6.0 VLF ELECTROMAGNETIC SURVEY:

A total of 8.125 km was surveyed (650 readings) at 12.5 meter stations on lines spaced at 100 meters.

6.1 Instrumentation: The same instrument was used for the VLF surveys only employing the VLF capabilities to record inphase and quadrature components of a VLF transmitting station: Cutler, Maine NAA transmitting at 24.0 kHz. The measured quantities are the in-phase and quadrature components of the vertical magnetic field measured as a percentage of horizontal primary field (read to a resolution of +/- 1%).

6.2 Survey Results: The results of the survey are presented in profile form on plans at 1:2500 scale.

Note: In many cases weak VLF conductors are electrolytic (bedrock shears and fractures, overburden filled bedrock troughs and valleys) or poorly connected metallic grains such as stringer sulphides.

The VLF survey detected a series of 8 conductors that are typically weak to very weak. Most trend east-west with exception of **conductor H** which strikes southeast and is coincident with the mapped Maidens Lake Fault.

Conductors E and F occur near or in Keewatin volcanic rock and appear to have magnetic association.

Conductor A occurs along a magnetic low and is relatively strong when compared to the other anomalies. This anomalies may be indicating a fault or shear.

Conductors B,C, D and G are very weak and might be caused by conductive overburden.

7.0 HLEM MAXMIN II SURVEY:

Note: Distances measured for HLEM surveys are one cable length longer than the data for each line.

A total of 7.00 km (280 readings) was surveyed at 25 meter stations with a cable separation of 150 meters.

7.1 Instrumentation: An Apex Maxmin I ser. No. 5306 was used in the horizontal loop mode for both phases of surveying. This instrument measures the in-phase and quadrature components of the secondary field to a resolution of +/-0.5%.

The slopes between each station were recorded with a Suunto inclinometer and corrections for the in-phase calculated with a computer program.

7.2 Survey Results: The results are presented in profile format for each frequency at a scale of 1:2500.

The HLEM survey picked up only one weak conductor H. This is coincident with the Maidens Lake Fault.

8.0 CONCLUSIONS AND RECOMMENDATIONS:

From the magnetometer survey one may conclude the rock types (sediment, diabase, volcanic) have their own background and contacts can be ascertained. The volcanic rock in the southwest and southeast corners seem to have both highs and lows which suggests there is a concentration of magnetic mineral that is interesting.

Summing up the VLF-EM survey conductors E and F remain intriguing in that they occur in or near volcanic rock and seem to have magnetic association. There may be disseminated mineralization here, hence the weak EM anomalies. Conductor A might be a fault or shear. The balance of the anomalies do not warrant further work.

The HLEM results were basically negative with the exception of mapping a response (conductor H) over the Maidens Lake Fault.

The EM method is **indicative** and not **conclusive** when it comes to disseminated mineralization. This means that there could be a wrinkle in the data but not a defined or complete anomaly shape in the data. The EM surveys have concluded there are no massive sulphide anomalies (VMS) within 80 meters of surface but leaves the door open to shallow, disseminated mineral occurrences. In addition high grade silver veins may have little or no magnetic or EM signature due to their small mass.

Induced polarization is recommended to test for disseminated mineralization over the area of interest near the centre of the grid and over VLF conductors E

and F. A deep penetrating configuration may be used first then a detail survey over interesting results.

Limited shallow drilling may also be an option since concrete geological information can be had for a little more expenditure. In addition the drilling would provide final results whereas the I.P. would provide drill targets.

References

1970 W.H. MacIlwaine Geology of South Lorrain Township
GR 83

CERTIFICATE OF AUTHOR

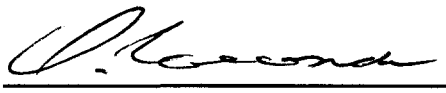
I, David Laronde of the town of Temagami, Ontario hereby certify:

1. That I am a geological technologist and have been engaged in mining exploration for the past 20 years.

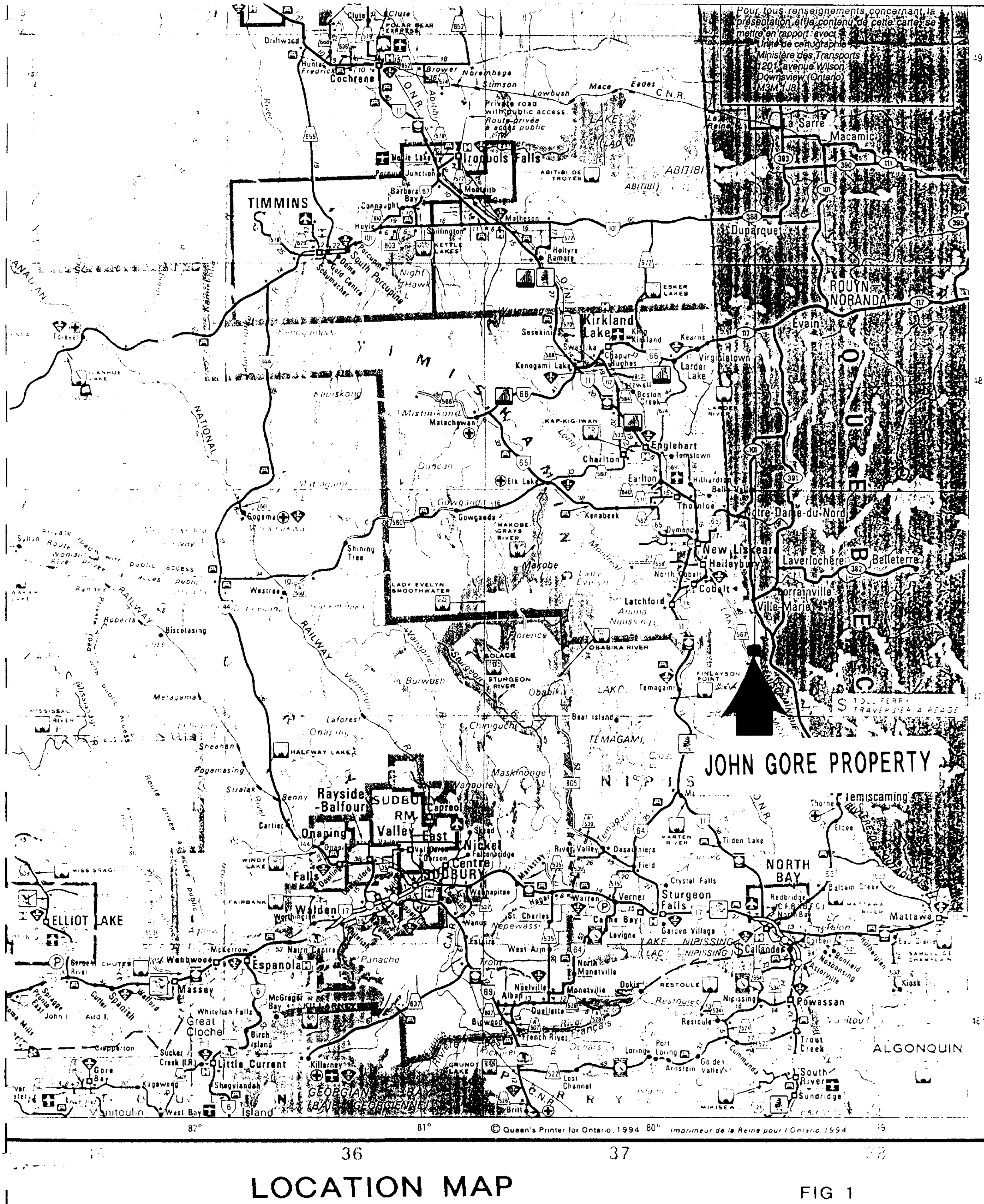
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.

3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 30th day of October 1999.

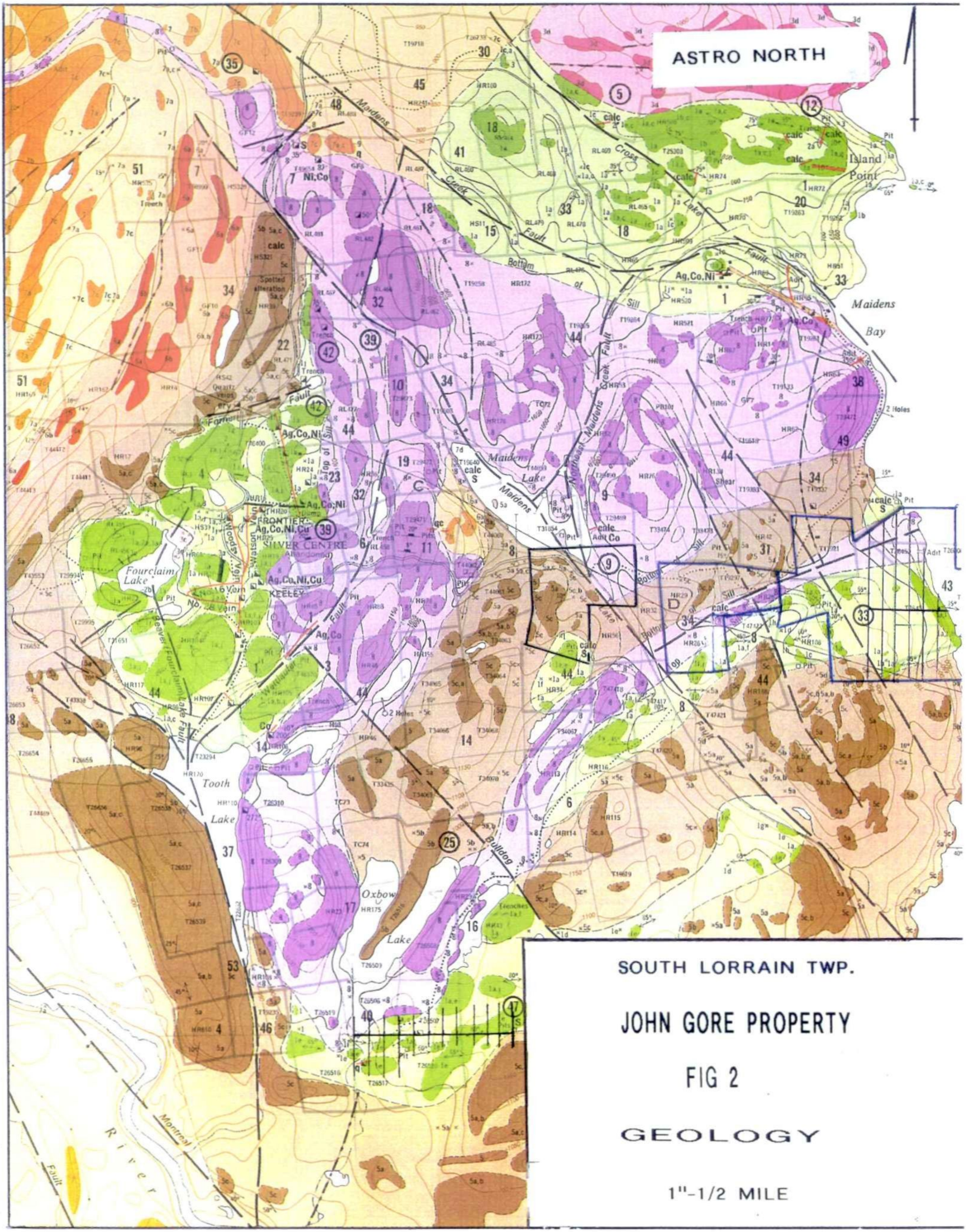


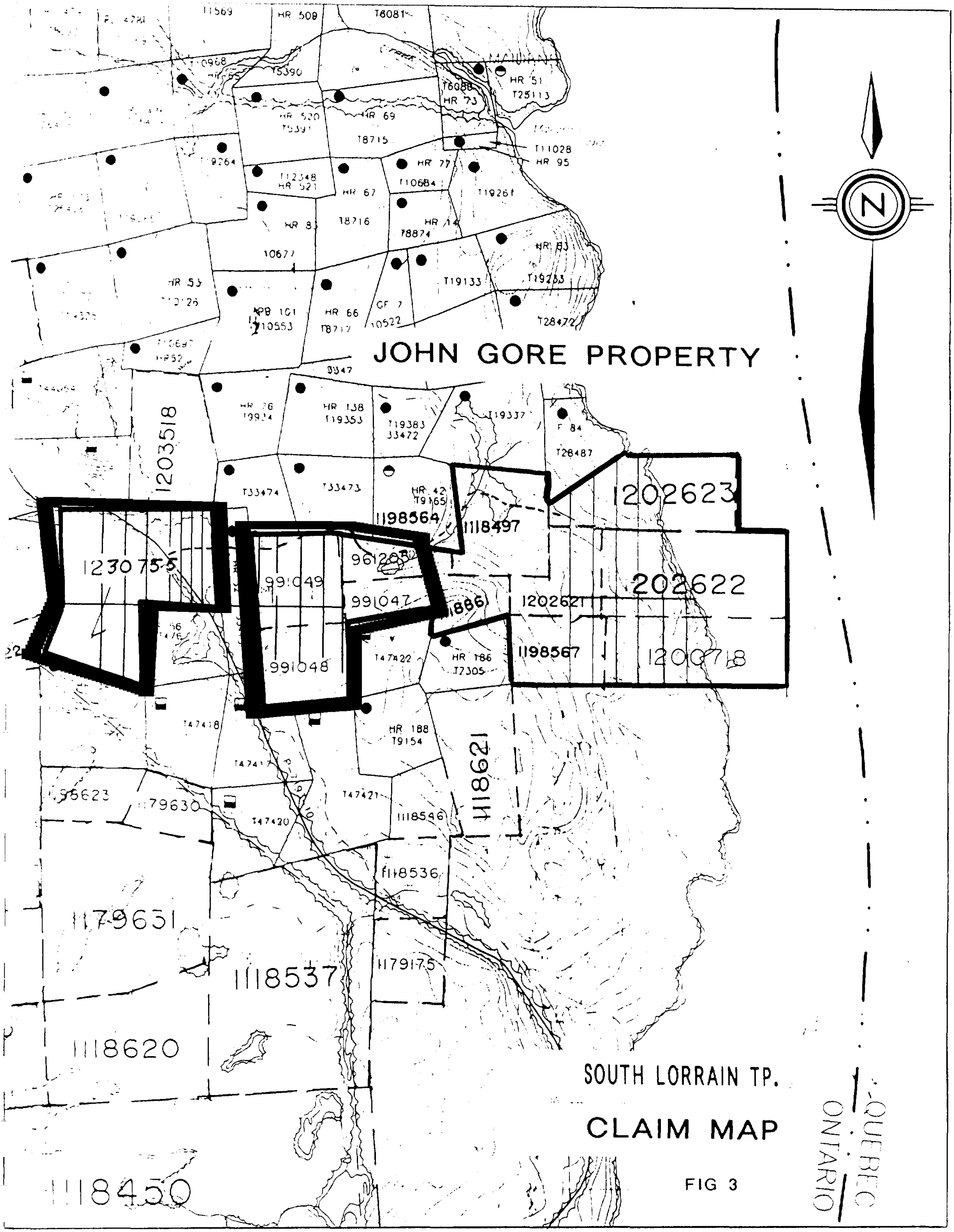
David Laronde



LOCATION MAP

FIG 1


ASTRO NORTH
SOUTH LORRAIN TWP.
JOHN GORE PROPERTY
FIG 2
GEOLOGY
1"-1/2 MILE


JOHN GORE PROPERTY
SOUTH LORRAIN TP.
CLAIM MAP
FIG 3
QUEBEC
ONTARIO
N
1202623
1202622
1202621
1200718
1198564
1118497
1198567
1230755
991049
991047
991048
1203518
1118621
1118546
1118536
1179175
1179631
1118537
1118620
1118450
1179630

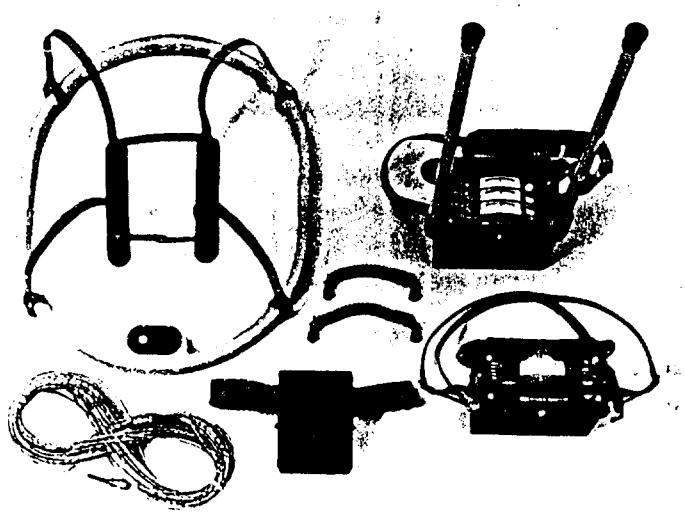
INSTRUMENT SPECIFICATIONS

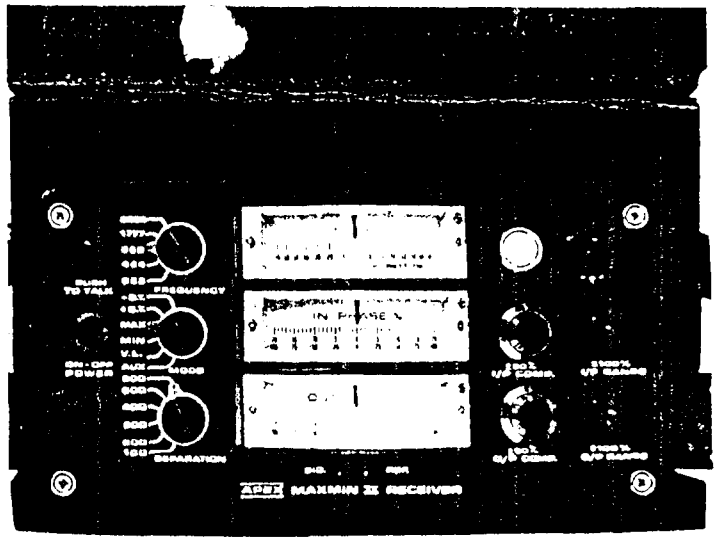
MAGNETOMETER / GRADIOMETER

Resolution:	0.01 nT (gamma), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232-C.
Input/Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12 V, 200 mA peak (during polarization), 30 mA standby. 300mA peak in gradiometer mode.
Power Source:	Internal 12 V, 2.6 Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used.
Battery Charger:	**Input:** 110 VAC, 60 Hz. Optional 110/220 VAC, 50/60 Hz. **Output:** dual level charging.
Operating Ranges:	Temperature: **-40 °C to +60 °C.** Battery Voltage: **10.0 V minimum to 15V maximum.** Humidity: **up to 90% relative, non condensing.**
Storage Temperature:	-50°C to +65°C
Display:	**LCD**: 240 x 64 pixels, or 8 x 30 characters. Built in heater for operation below -20°C
Dimensions:	**Console:** 223 x 69 x 240mm. **Sensor staff:** 4 x 450mm sections. **Sensor:** 170 x 71mm dia. **Weight:** Console 2.1kg, Staff 0.9kg, Sensors 1.1kg each.

VLF

Frequency Range:	15 - 30.0 kHz.
Parameters Measured:	Vertical In-phase and Out-of-phase components as percentage of total field. 2 components of horizontal field. Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic field/gradient, slope, EM field, frequency, in- and out-of-phase vertical, and both horizontal components for each selected station.
Terrain Slope Range:	0° - 90° (entered manually).
Sensor Dimensions:	14 x 15 x 9 cm. (5.5 x 6 x 3 inches).
Sensor Weight:	1.0 kg (2.2 lb).





SPECIFICATIONS

Frequencies: 222, 444, 888, 1777 and 3555 Hz.

Modes of Operation:

MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with refer. cable.

MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

V.L. : Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations: 25, 50, 100, 150, 200 & 250 m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIIF).
Coil separations in V.L. mode not restricted to fixed values.

Paramaters Read:

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.

Readouts:

- Automatic, direct readout on 90 mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90 mm edgewise meters in V.L. mode.

Scale Ranges:

In-Phase: ±20%, ±100% by push-button switch.
Quadrature: ±20%, ±100% by push-button switch.
Tilt: ±75% slope.
Null (V.L.): Sensitivity adjustable by separation switch.

Readability: In-Phase and Quadrature: 0.25 % to 0.5 % ; Tilt: 1% .

±0.25% to ±1% normally, depending on conditions, frequencies and coil separation used.

- 222 Hz : 220 Atm^2
- 444 Hz : 200 Atm^2
- 888 Hz : 120 Atm^2
- 1777 Hz : 60 Atm^2
- 3555 Hz : 30 Atm^2

9V trans. radio type batteries (4). Life: approx. 35 hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

12V 6 Ah Gel-type rechargeable battery. (Charger supplied).

Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes via reference cable.

Built-in signal and reference warning lights to indicate erroneous readings.

-40°C to +60°C (-40°F to +140°F)

6kg (13 lbs.)

13kg (29 lbs.)

Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification

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)
W0080.00361
Assessment Files Research Imaging

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

Inst... 31M03NW2009 2.20596 SOUTH LORRAIN 900 ...ng a claim, use form 0240.

- Please type or print in ink.

2.20596

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

Name John A. GoRE	Client Number 138273
Address 31 Ruby Street Box 212	Telephone Number 1-705-679-5710 1-705-672-2071
Cobalt Ontario P0J 1C0	Fax Number —
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: Mag./VLF Survey; Maxmin I Survey; LineCutting; Reports+Maps	Office Use
	Commodity
	Total $ Value of Work Claimed 5,708.45
Dates Work Performed: From Day 10 Month 08 Year 1999 To Day 30 Month 09 Year 1999	NTS Reference Fabre, Quebec-Ont 31M/3
Global Positioning System Data (If available) — Township/Area South LORRAIN	Mining Division Larder Lake
M or G-Plan Number G-3448	Resident Geologist District Kirkland Lake

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 Dave Laronde	Telephone Number 1-705-569-2904
Address P.O. Box 482 Temagami Ont. P0H 2H0	Fax Number 1-705-569-2817
Name Meegwitch Inc.	Telephone Number 1-705-569-2904
Address P.O. Box 482, Temagami Ont. P0H 2H0	Fax Number 1-705-569-2817
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, JOHN A. GoRE (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 John A. Gore		Date Sept. 26 / 2000
Agent's Address —	Telephone Number 705-679-5710 705-672-2071	Fax Number —

0241 (03/97)

RECEIVED
SEP 27 2000
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.

W0080.00361

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	1230755	3	3,425.07	$1200.00		$2225.07
2	991048	1	1,141.69			$1,141.69
3	991049	1	1,141.69			$1,141.69
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
	Column Totals	5	$5,708.45	$1200.00		$4508.45

I, John A. GORE (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
John A. Gore	Sept.26/2000

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):

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
SEP 27 2000
GEOSCIENCE ASSESSMENT OFFICE

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W0080 00301

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.

2.20596

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Line Cutting	8.125 Km.	$275.00 a Km.	$ 2,234.37
Maxmin 1 Survey	7 Km	$180.00 a Km	1260.00
Mag/VLF Survey	8.125 Km	$165.00 a Km.	1340.63
Reports + Maps		$500.00	
Associated Costs (e.g. supplies, mobilization and demobilization).			
	G.S.T	7%	373.45
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	$ 5,708.45

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 Aubrey GORE (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 Recorded Holder (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
John A. Gore	Sept. 26/2000

0212 (03/97)

RECEIVED
SEP 27 2000
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) 415-9845
Fax: (877) 670-1555

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

October 20, 2000

JOHN AUBREY GORE
31 Ruby Street
P.O. Box 212
Cobalt, Ontario
P0J-1C0

Dear Sir or Madam:

Submission Number: 2.20596

Subject: Transaction Number(s):		**Status**
	W0080.00361	Approval

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 LUCILLE JEROME by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

Steven B. Beneteau

ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 15355
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20596

Date Correspondence Sent: October 20, 2000 **Assessor:** LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0080.00361	1230755	SOUTH LORRAIN	Approval	October 18, 2000

Section:
14 Geophysical VLF
14 Geophysical MAG
14 Geophysical EM

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
JOHN AUBREY GORE
Cobalt, Ontario

Correspondence ID: 15355

LORRAIN TOWNSHIP

BEST TOWNSHIP

DISTRICT OF NIPISSING
DISTRICT OF TIMISKAMING

CASSELS TOWNSHIP

ELDRIDGE TOWNSHIP

DISTRICT OF TIMISKAMING
DISTRICT OF NIPISSING

HEBERT TOWNSHIP

QUEBEC
ONTARIO

2.20596
MAG
VLF
EM.

AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY

AREAS WITHDRAWN FROM DISPOSITION

MRO – Mining Rights Only
SRO – Surface Rights Only
M+S – Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
R1	SEC 35/90 COMPREHENSIVE PLANNING COUNCIL	WI-ONT-63/96	SEPT 17/96	M&S	
R2	NOT OPEN FOR STAKING - CONSERVATION RESERVE SECTION 1 OF THE MINING ACT				
R3	SEC	W-L-53/96 NER	SEPT 17/96	SRO	134327

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

- Licence of Occupation
- Order-in-Council (OC)
- Cancelled
- Reservation
- Sand & Gravel
- Land Use permit

W AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY

Ministry of Natural Resources
Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN
G – 3448

TOWNSHIP
SOUTH LORRAIN

M.N.R. ADMINISTRATIVE DISTRICT
TEMAGAMI

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

1000 Metres 0 1000 2000 Metres

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 Feet

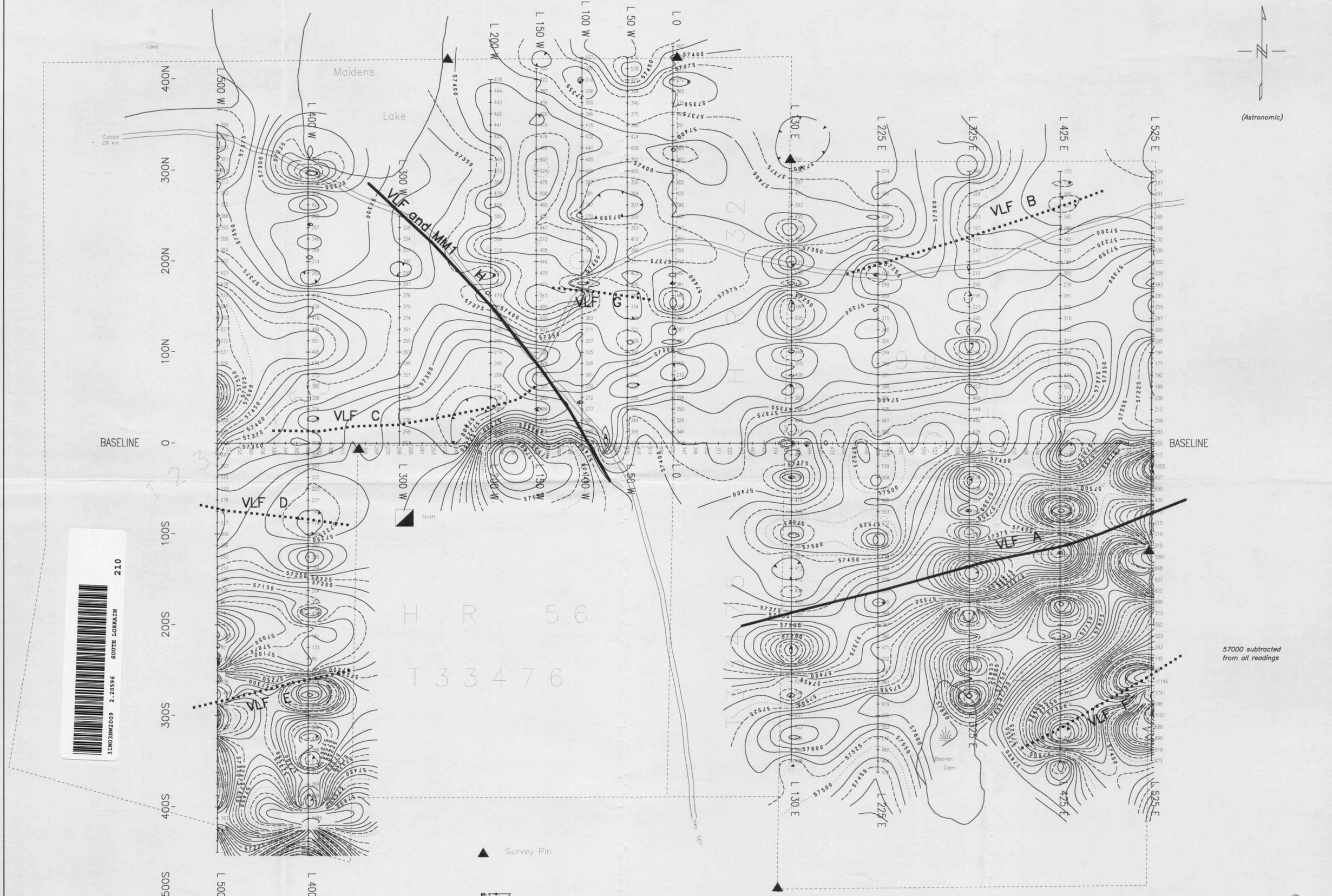
Contour Interval 10 Metres

SYMBOLS

Boundary
- Administrative District
- Township, Meridian, Baseline
- Road allowance; surveyed / shoreline
- Lot/Concession, surveyed / unsurveyed
- Parcel; surveyed / unsurveyed
- Right of way; road / railway / utility
- Reservation
- Cliff, Pit, Pile
- Contour; interpolated / Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine shaft
- Pipeline (above ground)
- Railway, single track / double track / abandoned
- River/Stream/Creek; intermittent
- Road; highway, county, township / access / trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

400' Surface Rights along the shores of all lakes and rivers

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.



Instruments: GEM Systems GSM-19 MAG/VLF Serial #809875
GEM Systems GSM-19 Base Station Serial #58479
VLF Station: NAA 24.0 kHz Cutler Maine
APEX Maxmin I – Coil spacing 150 meters – Serial #5306

Maidens Lake Property *John Gore*		
South Lorrain Township, Ontario		
Ground Geophysical Surveys Total Field Magnetics Contours		
Data processing and interpretation by: *Meegwich Consultants Inc.*	*Scale 1:2500* *October 1999*	*NTS 31 M/3*

(Astronomic)

Lake

Maidens Lake

Cobalt 28 km

L 500 W
L 400 W
L 300 W
L 200 W
L 150 W
L 100 W
L 50 W
L 0
L 130 E
L 225 E
L 325 E
L 425 E
L 525 E

400N
300N
200N
100N
BASELINE 0
100S
200S
300S
400S
500S

VLF A
VLF B
VLF C
VLF D
VLF E
VLF F
VLF G
VLF and MM1 H

Shaft

Beaver Dam

Hwy 567

▲ Survey Pin

In-Phase
Quadrature

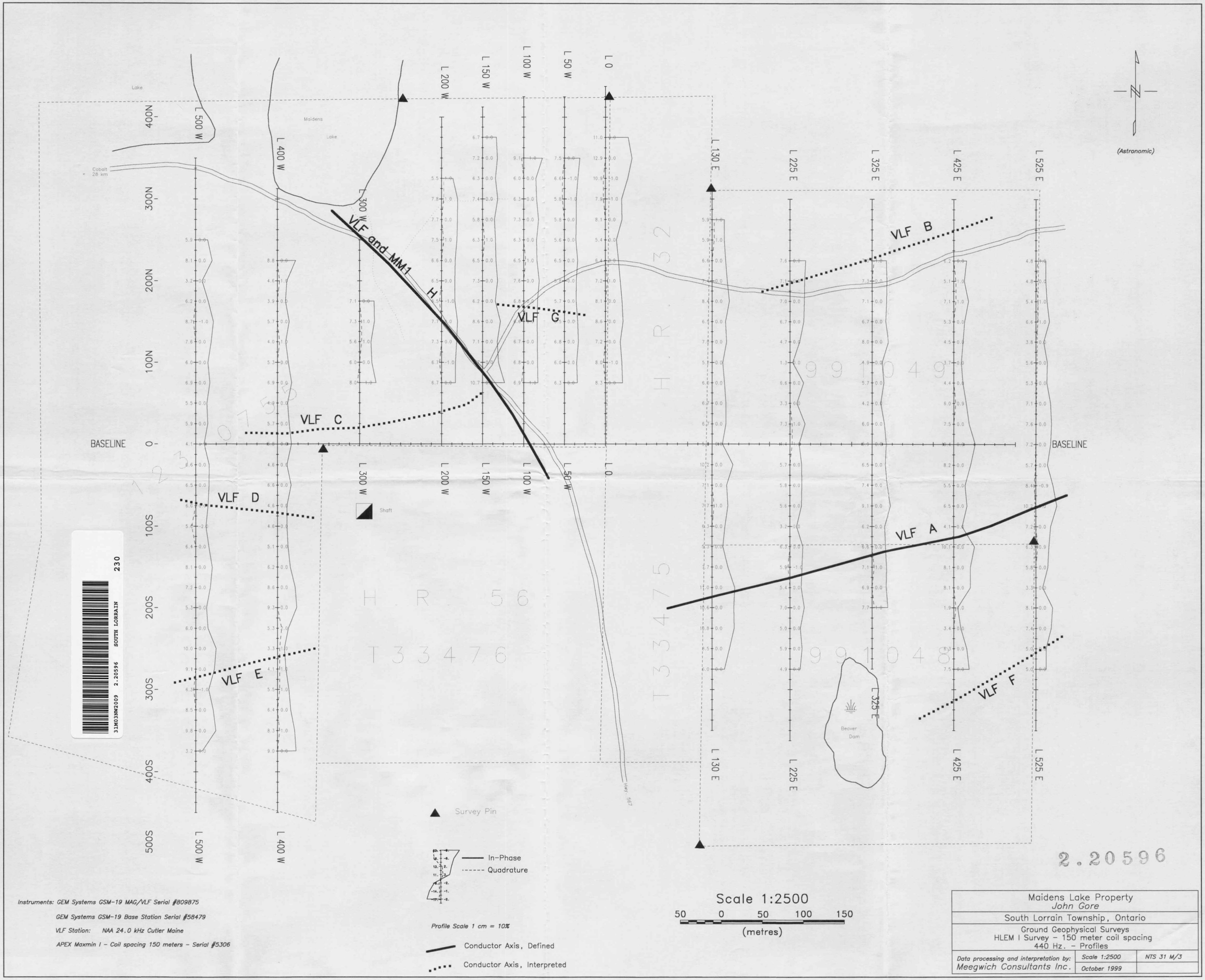
Profile Scale: 1 cm = 20%

Conductor Axis, Defined
Conductor Axis, Interpreted

Scale 1:2500
50 0 50 100 150
(metres)

Instruments: GEM Systems GSM-19 MAG/VLF Serial #809875
GEM Systems GSM-19 Base Station Serial #58479
VLF Station: NAA 24.0 kHz Cutler Maine
APEX Maxmin I – Coil spacing 150 meters – Serial #5306

Maidens Lake Property *John Gore*		
South Lorrain Township, Ontario		
Ground Geophysical Surveys VLF – EM Survey Profiles of the In-Phase and Quadrature		
Data processing and interpretation by: *Meegwich Consultants Inc.*	*Scale 1:2500* *October 1999*	*NTS 31 M/3*



(Astronomic)
Lake
Maidens
Lake
Cobalt
28 km
400N
300N
200N
100N
BASELINE
0
100S
200S
300S
400S
500S
L 500 W
L 400 W
L 300 W
L 200 W
L 150 W
L 100 W
L 50 W
L 0
L 130 E
L 225 E
L 325 E
L 425 E
L 525 E
VLF and MM1
H
VLF B
VLF C
VLF D
VLF E
VLF F
VLF G
VLF A
H R 32
H R 56
T 33476
T 33475
991049
991048
1230755
Shaft
Beaver
Dam
Hwy 567
Survey Pin
In-Phase
Quadrature
Profile Scale 1 cm = 10%
Conductor Axis, Defined
Conductor Axis, Interpreted
Scale 1:2500
50 0 50 100 150
(metres)
Instruments: GEM Systems GSM-19 MAG/VLF Serial #809875
GEM Systems GSM-19 Base Station Serial #58479
VLF Station: NAA 24.0 kHz Cutler Maine
APEX Maxmin I - Coil spacing 150 meters - Serial #5306
2.20596
Maidens Lake Property
John Gore
South Lorrain Township, Ontario
Ground Geophysical Surveys
HLEM I Survey - 150 meter coil spacing
440 Hz. - Profiles
Data processing and interpretation by:
Meegwich Consultants Inc.
Scale 1:2500
NTS 31 M/3
October 1999
31M03NW2009 2.20596 SOUTH LORRAIN 230

(Astronomic)

Lake

Maidens Lake

Cobalt 28 km

L 500 W
L 400 W
L 300 W
L 200 W
L 150 W
L 100 W
L 50 W
L 0
L 130 E
L 225 E
L 325 E
L 425 E
L 525 E

400N
300N
200N
100N
BASELINE 0
100S
200S
300S
400S
500S

VLF A
VLF B
VLF C
VLF D
VLF E
VLF F
VLF G
VLF H and MM1

Shaft

Beaver Dam

Hwy 567

▲ Survey Pin

In-Phase
Quadrature

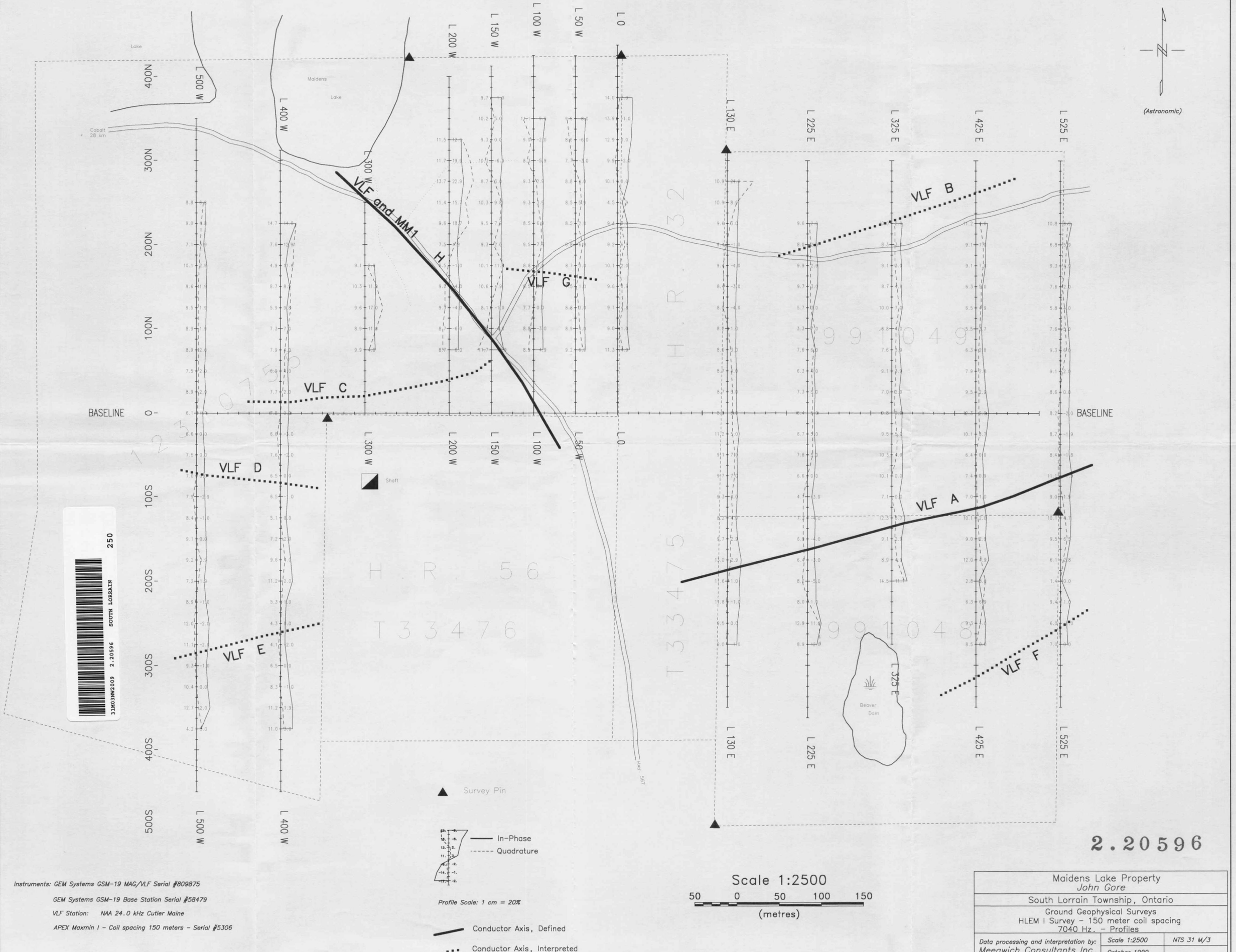
Profile Scale: 1 cm = 10%

Conductor Axis, Defined
Conductor Axis, Interpreted

Scale 1:2500
50 0 50 100 150
(metres)

Instruments: GEM Systems GSM-19 MAG/VLF Serial #809875
GEM Systems GSM-19 Base Station Serial #58479
VLF Station: NAA 24.0 kHz Cutler Maine
APEX Maxmin I - Coil spacing 150 meters - Serial #5306

Maidens Lake Property *John Gore*		
South Lorrain Township, Ontario		
Ground Geophysical Surveys HLEM I Survey - 150 meter coil spacing 1760 Hz. - Profiles		
Data processing and interpretation by: *Meegwich Consultants Inc.*	*Scale 1:2500* *October 1999*	*NTS 31 M/3*



2.20596

Instruments: GEM Systems GSM-19 MAG/VLF Serial #809875
GEM Systems GSM-19 Base Station Serial #58479
VLF Station: NAA 24.0 kHz Cutler Maine
APEX Maxmin I - Coil spacing 150 meters - Serial #5306

Maidens Lake Property *John Gore*		
South Lorrain Township, Ontario		
Ground Geophysical Surveys HLEM I Survey - 150 meter coil spacing 7040 Hz. - Profiles		
Data processing and interpretation by: *Meegwich Consultants Inc.*	*Scale 1:2500* *October 1999*	*NTS 31 M/3*