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STRATHCONA

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NTS 31 M/4

2.23562

**GROUND GEOPHYSICAL SURVEYS
Magnetometer and VLF-EM**

Milestone Project- Teck Claims

**TEMEX RESOURCES CORP.
April 18, 2002**

April 18, 2002.

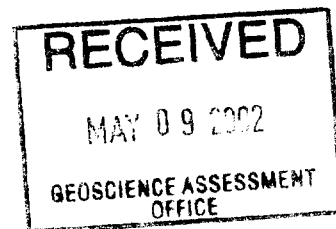


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1.0 SUMMARY:

From April 5, to April 12, 2002, a program of grid establishment and geophysical surveying was carried out on the Teck claims held by Temex Resources Corp., of Unit 100 - 4307 Kerry Drive, Burlington, Ontario L7L 1V8. The objective of the work was to test areas of interest using magnetic and electromagnetic methods with the goal of identifying drill targets.

The grid preparation and geophysical surveying was done by David Laronde, Real Gauthier and Stephane Coulombe all of Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario POH 2H0. David Laronde was the field supervisor and reported on the work. A total of 17.739 km of line was flagged and surveyed. Note: Lines were flagged and chained only. There was no cutting of trees as per skyline regulations. Pickets were removed from the lake also.

2.0 PROPERTY:

The Teck Claims consist of 5 contiguous claims (88 hectares) numbered as follows:

T 47000 T 46929 T46998 T47113 T47114

3.0 LOCATION AND ACCESS:

The property is situated some three kilometers southwest of the town of Temagami and accessed by a gravel road or the Strathcona Access Road which runs along the north boundary of claims. The claims are two kilometers from Hwy 11.

Sudbury Mining Division

NTS: 31 M/4

4.0 MAGNETOMETER SURVEY:

17.739 km of line was surveyed for a total of 1400 readings taken at 12.5 meter intervals. Quality control was monitored by surveying the baseline and then comparing the readings at the same station when the cross lines were surveyed. This cross referencing technique confirms good data and checked out well on this survey.

4.1 Instrumentation: A Gem Systems GSM-19 overhauser magnetometer serial no. 58479 was used for the survey in mobile mode. These units have an accuracy of +/- 1/100th of a gamma. Readings were taken at 12.5 meter intervals. An EDA Omni IV base station was used to monitor and correct for the diurnal variation during the course of the survey. This instrument reads to 1/10th of a gamma resolution. The base station cycled at 20 second intervals.

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

The northwestern portion of the surveyed area, which is underlain primarily by water, shows as a partially covered massive magnetic high. The intensity is 100 to 200 nT over a background of 57,100 nT. From this feature there is a gradual decrease in intensity from north to south with near background values along the southern limits. Toward the middle of the survey on claim 47113 and 47114 a somewhat circular feature is found between 950 and 1150 E and between 1550 N and 1750 N. A series of highs take off to the northeast from here. Flanking these highs is a magnetic low area that is 0 to 100 nT below background.

A few isolated magnetic highs trend across the centre of the grid in an east-west direction. Most of these are small being confined to one or two stations.

5.0 VLF-EM SURVEY:

17.739 km of line was surveyed for a total of **700 readings** read at 25 meters intervals with the operator facing north at each station.

5.1 Instrumentation: A Geonics EM-16 VLF receiver was used for the VLF surveys to record in-phase and quadrature components of 1 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%).

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

The survey picked up a conductive horizon trending north-easterly across the central portion of the surveyed area. The west part of this horizon, conductor B, is coincident with a topographic low which forms a long narrow bay while the east part (conductor A) is on land with the same trend only with magnetic association. Other than this response there is a weak response found on L 100 and 200 E at 1600 N.

6.0 CONCLUSIONS AND RECOMMENDATIONS:

The somewhat circular feature located at the northeast corner of claim 47114 and the series of isolated highs to the east seem to be indicating the metadiorite as mapped by L. Shaff (1966). There is a sharp contrast in magnetic values coincident with the contact between the metadiorite and the rhyolite. Having said that, this contact marks the location of the chloritic horizon bearing the sulphide mineralization, which is prospective for copper and nickel.

The conductive horizon on land, conductor A (L 850 to 1150) has magnetic association for a distance of 300 meters. It also occurs along the north contact of the metadiorite and the rhyolite. Conductor B also seems to have some magnetic association on L 650 and 750 N.

Further work:

1. Additional exploration work should be considered to follow-up the source of firstly conductor A and secondly B for sulphide mineralization.
2. The east extension of the metadiorite and rhyolite contact can be examined further to follow the sulphide bearing chlorite horizon.

Geological mapping and prospecting is recommended in conjunction with geophysical surveying with detailed I.P. or a more advanced EM system. In addition 50 meter line coverage of the magnetic and VLF-EM surveys is recommended to identify these targets between lines prior to geological work.

References

Bennett, G 1978 Geology of the Northeast Temagami Area, Ontario
Geological Survey - Geologic Report 163

Shaff, Louis 1966 Geology of the O'Connor Property Report No. 504T

CERTIFICATE OF AUTHOR

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

1. That I am a geology technologist and have been engaged in mineral exploration for the past 22 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.

Respectfully submitted,



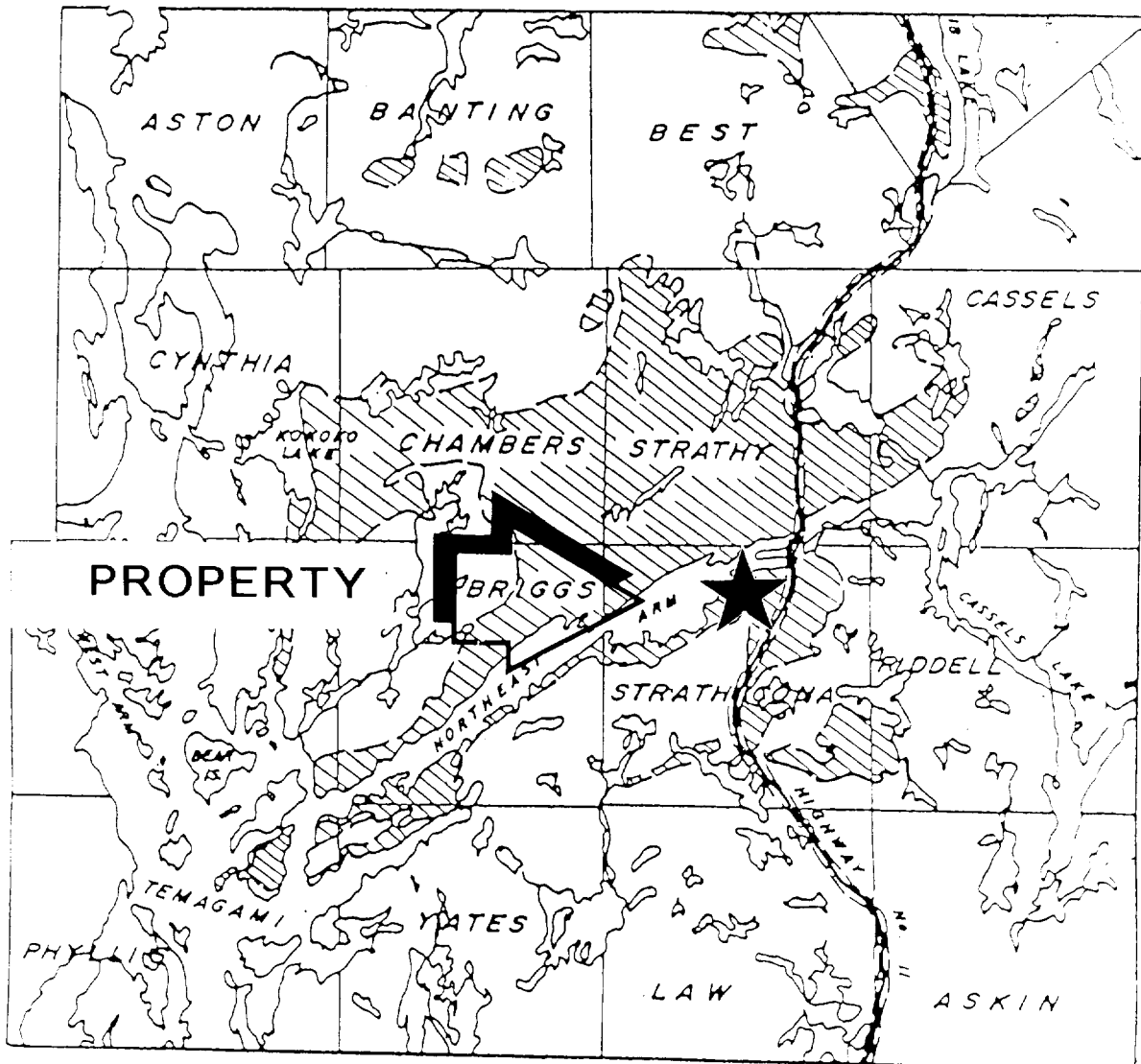
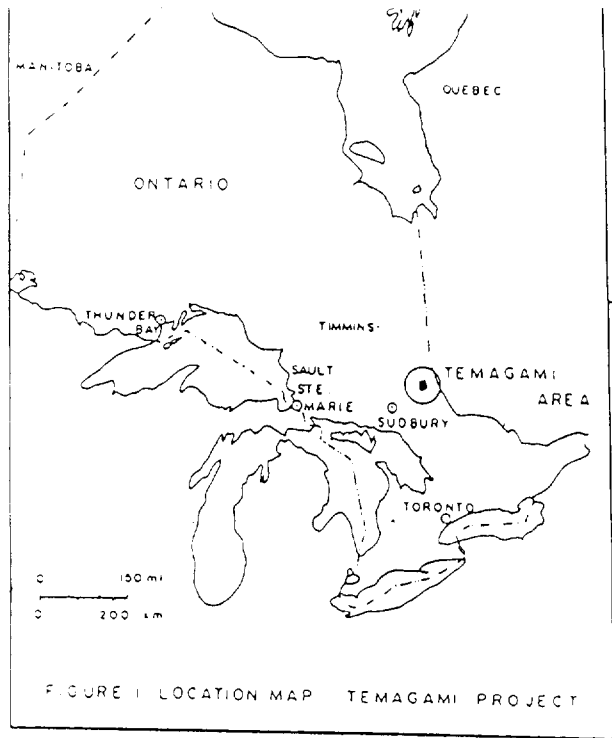
David Laronde

Dated at Temagami this 18th day of April 18, 2002.

PROPERTY

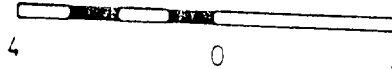
LOCATION MAP

FIG 1



SCALE: 1 inch = 4 miles

 GREENSTONE BELT

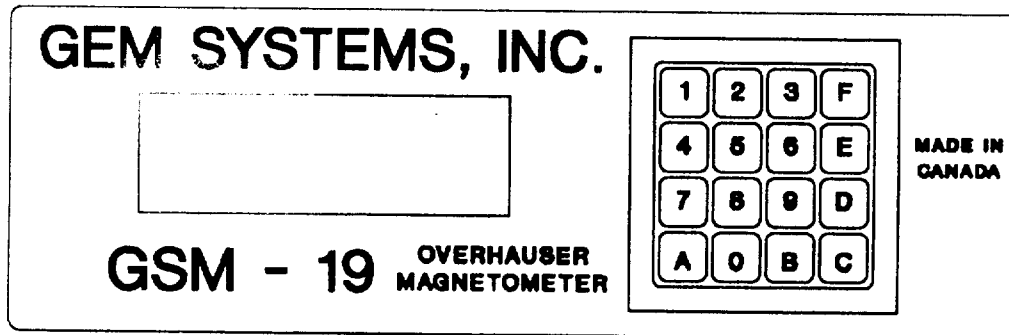


APPENDIX I

GEM SYSTEMS

GSM-19

OVERHAUSER MEMORY MAGNETOMETER GRADIOMETER



SPECIFICATIONS

Resolution:	.001nT (0.01 gamma).
Absolute Accuracy:	.0.2nT.
Range:	.20,000-120,000nT, autotuning, manual override.
Gradient Tolerance:	.Over 10,000nT/m.

OPERATING MODES:

Manual:	.Automatic storage of label, time and date, magnetic field, 3 sec. minimum interval.
Base Station:	.3 to 60 sec. intervals standard, others optional time, date, magnetic field stored.
Remote Control:	.The same as manual but controlled through RS232C interface.

STORAGE CAPACITY:

Manual Operation:	.3,800 standard, 30,000 optional; with 3 VLF stations 1,850 standard, 3,700 optional.
Base Station:	.21,800 standard, 174,000 optional (24hr operation at 0.5 sec. interval).
Gradiometer:	.3,200 standard, 26,000 optional; with 3 VLF stations 1,700 standard, 3,400 optional.
Power Consumption:	.2 Ws per reading, up to 0.5W standby, less than 0.4mW when off.
Power Source:	.12V 1.9Ah sealed lead acid battery standard, others optional.
Operating Temperature:	.-40 to +60°C
Storage Temperature:	.-70 to +65°C.
Input/output:	.6 pin weatherproof connector, RS-232C, and (optional) analog output.
Dimensions:	.Console 223 X 69 X 240mm Sensor staff 4 X 450mm sections Sensor 170 X 71mm dia
Weight:	.Console 2.1kg Staff 0.9 kg Sensor 1.1kg
Standard Package:	.Console with batteries, harness Sensor with cable, connector; Staff Standard accessories: Charger, manual case.

VLF-EM GEONICS

Page 1

EM16 SPECIFICATIONS

MEASURED QUANTITY	Inphase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
SENSITIVITY	Inphase: $\pm 150\%$ Quad-phase: $\pm 40\%$
RESOLUTION	$\pm 1\%$
OUTPUT	Nulling by audio tone. Inphase indication from mechanical inclinometer and quadphase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz (15-30 kHz optional) VLF Radio Band. Station selection done by means of plug-in units.
OPERATOR CONTROLS	ON/OFF switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer.
POWER SUPPLY	6 disposable 'AA' cells.
DIMENSIONS	53 x 21.5 x 28 cm
WEIGHT	Instrument: 1.8 kg Shipping: 8.35 kg

CAUTION:

EM16 inclinometer may be damaged by exposure to temperatures below -30°C . Warranty does not cover inclinometers damaged by such exposure.

Date: 2002-JUN-27

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

TEMEX RESOURCES LTD.
4307 KERRY DRIVE, SUITE 100
BURLINGTON, ONTARIO
L7L 1V8 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.23562
Transaction Number(s): W0270.00843

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

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.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Gino Paul Chitaroni
(Claim Holder)

David V. Jones
(Claim Holder)

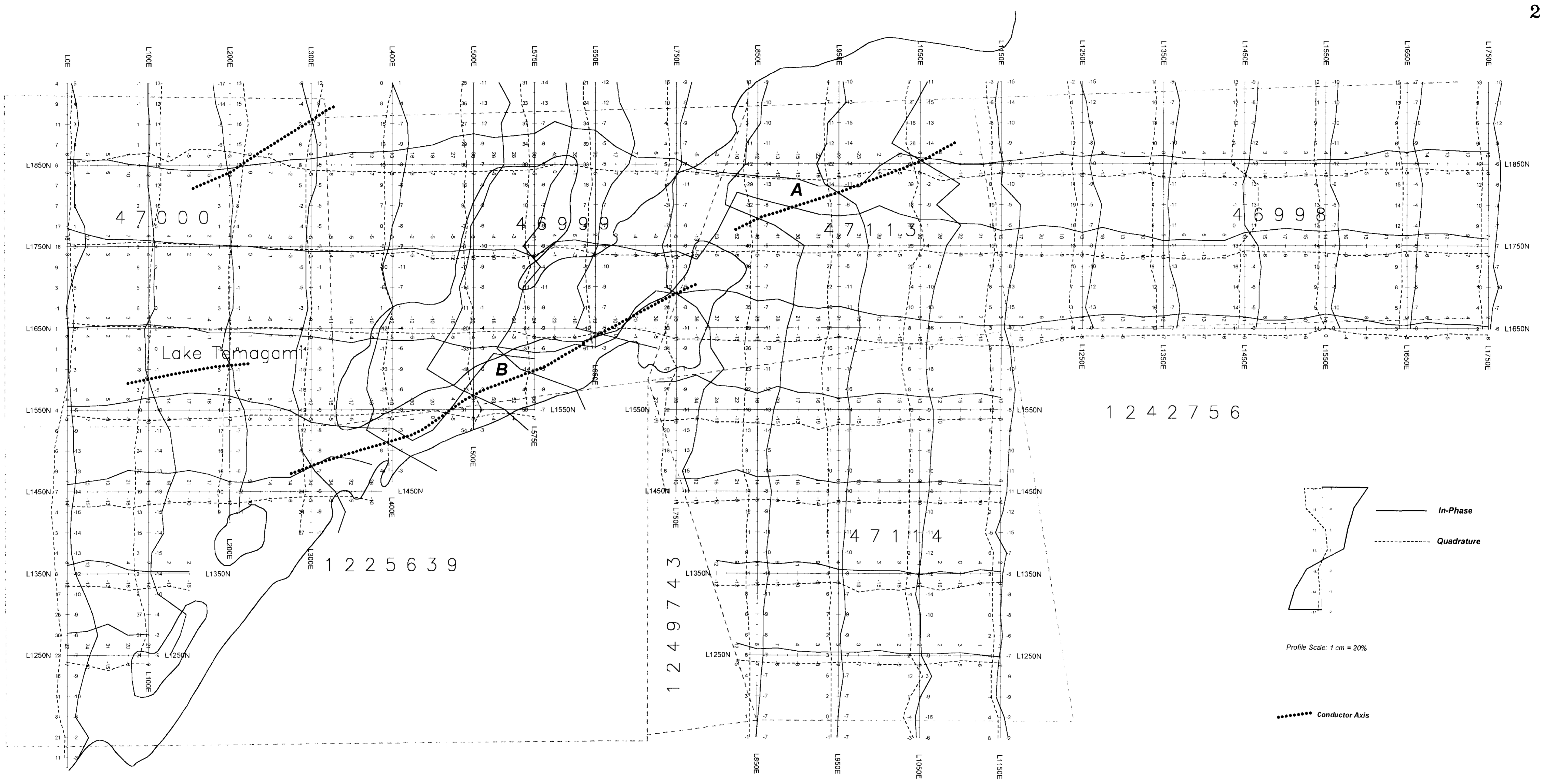
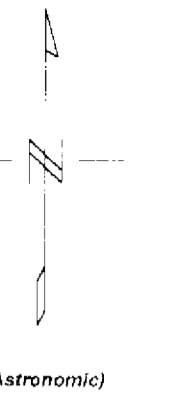
Temex Resources Ltd.
(Claim Holder)

Assessment File Library

Douglas Lockhart Goddard
(Claim Holder)

Teck Cominco Limited
(Claim Holder)

Temex Resources Ltd.
(Assessment Office)



1 2 4 2 7 5 6

4 7 0 0 0

4 6 9 9 9

4 7 1 1 3

4 6 9 9 8

Lake Temagami

B

A

1 2 2 5 6 3 9

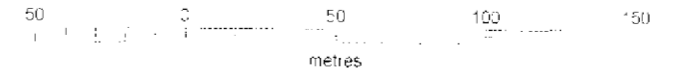
1 2 4 9 3
4 7 1 1 4
1 2 9 6 4 1

— In-Phase
- - - Quadrature

Profile Scale: 1 cm = 20%

..... Conductor Axis

Scale 1:2500



Instruments: GEM Systems GSM-19 Magnetometer Serial #58479
GEM Systems GSM-19 Magnetometer Serial #712776
Scintrex EDA Omni IV Base Station Serial #255226

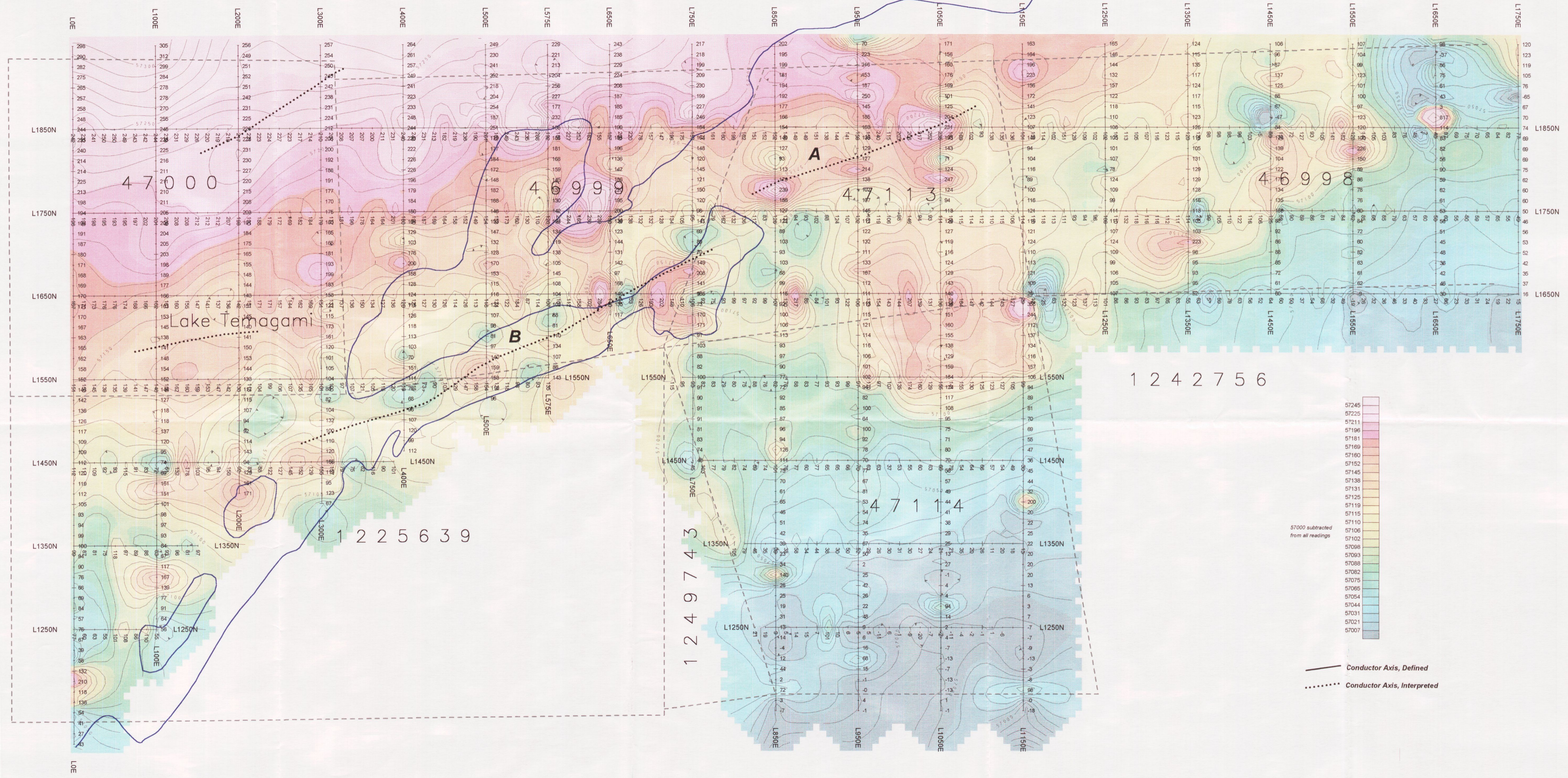
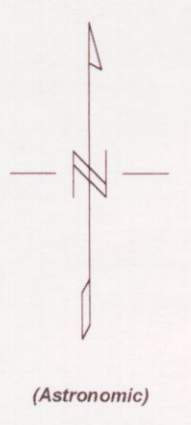
Geonics EM-16 VLF Receiver Serial #10585
VLF Station: NAA 24.0 kHz Cutler Maine

Temex Resources Corp.
 Milestone Project - Teck Claims
 Strathcona Twp., Temagami, 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 NTS 31 M/4 April 2002





1 2 4 2 7 5 6

1 2 2 5 6 3 9

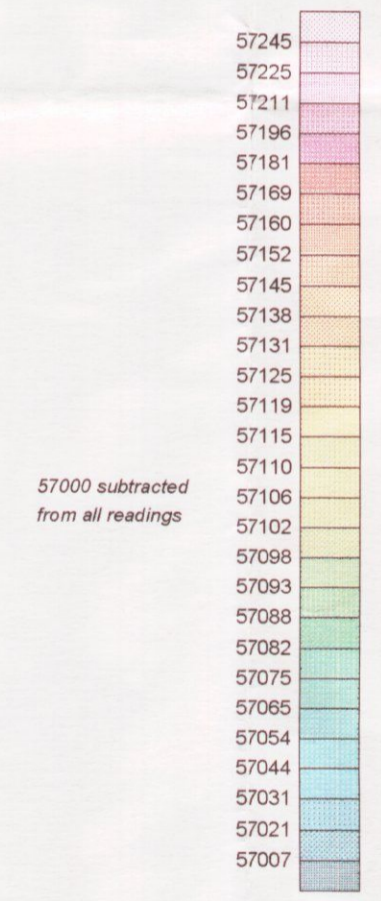
1 2 4 9 7 4 3

4 7 1 1 4

4 9 9 0

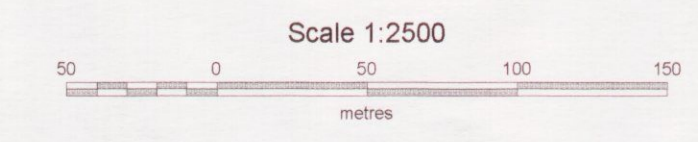
4 7 1 1 3

4 7 0 0 0



57000 subtracted from all readings

— Conductor Axis, Defined
..... Conductor Axis, Interpreted



Instruments: GEM Systems GSM-19 Magnetometer Serial #58479
GEM Systems GSM-19 Magnetometer Serial #712776
Scintrex EDA Omni IV Base Station Serial #255228

Geonics EM-16 VLF Receiver Serial #10585
VLF Station: NAA 24.0 kHz Cutler Maine

Temex Resources Corp.
Milestone Property
 Strathcona Twp., Temagami, Ontario

Ground Geophysical Surveys
 Total Field Magnetics
 Contours

Data Processing and Interpretation by: **Meegwich Consultants Inc.** Scale 1:2500
 April 2002

