GEOPHYSICAL REPORT
on a
MAGNETOMETER AND VLF-EM SURVEY
on the
EAGLEROCK LAKE CLAIM GROUP (NORTH GRID)
SCHOLES/AFTON TOWNSHIP, SUDBURY MINING DIVISION
for
TEMEX RESOURCES LTD.

Submitted by: Steve Anderson
VISION EXPLORATION
September 3, 1998

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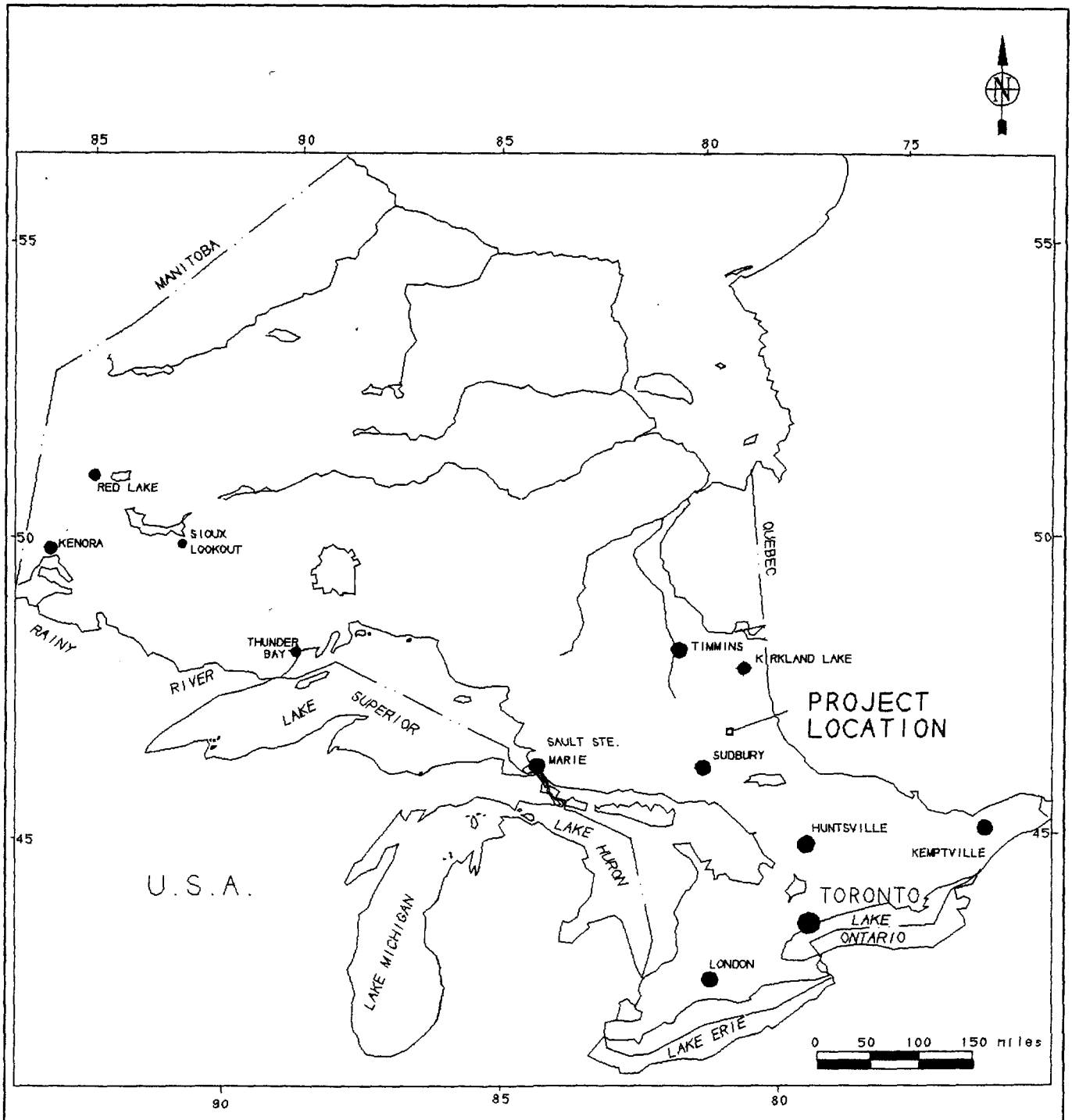
INTRODUCTION

The following report will deal with the results of a magnetometer and VLF-EM survey carried out on the Eaglerock Lake North Claim Group. The property is held by Temex Resources Ltd. and is made up of six unpatented block mining claims (16 units), located in Scholes and Afton Townships, Sudbury Mining Division, Districts of Sudbury and Nipissing, Ontario. This work was carried out on a contract basis by Vision Exploration and took the form of a line-cutting program, which was followed up with magnetometer and VLF-EM surveys. A total of 34 km. of grid lines were established and surveyed during the month of July 1998.

On September 17, 1997 the mining rights for the subject property came open for staking after having being withdrawn by the MNDM for more than 20 years as a result of the Temagami Land Caution. This has resulted in only a limited amount of exploration work having been carried out in the area. The property lies to the southwest and generally on strike with the town of Temagami, which has hosted a number of past base metal producers.

The purpose of this program was to provide ground geophysical data that would aid in the geological interpretation of the area.



PROVINCE OF ONTARIO

FIG 1

Client:	TEMEX RESOURCES
Property:	EAGLEROCK LAKE NORTH
Title:	LOCATION MAP

Processed: SDA	Checked: SDA	VISION EXPLORATION
Date: AUG/98	Township: SCHOLES	TIMMINS ONTARIO
Province: ONT	N.T.S.:	
Scale: 1in=1/2mi	Drawing: V37	

LOCATION AND ACCESS

The Eaglerock Lake North Claim Group is located in the west central portion of Scholes and east central portion of Afton Township, Sudbury Mining Division, Districts of Sudbury and Nipissing, Ontario. The property is situated approximately 70-km. northeast form the city of Sudbury or 40-km. southwest from the town of Temagami, Ontario. Greenrod Lake is located roughly in the centre of the grid.

Access to the work area is gained by taking Hwy 64 North form the town of Sturgeon Falls which is situated along the Trans Canada Hwy (Hwy 17) between the cities of North Bay and Sudbury. At the 22 km. point on Hwy 64 north is the village of Field and the junction of Hwy 539 to the village of River Valley. To this point the Hwy is paved and in fairly good condition. From the village of River Valley Hwy 805 can be used to access the Manitou Lake area.

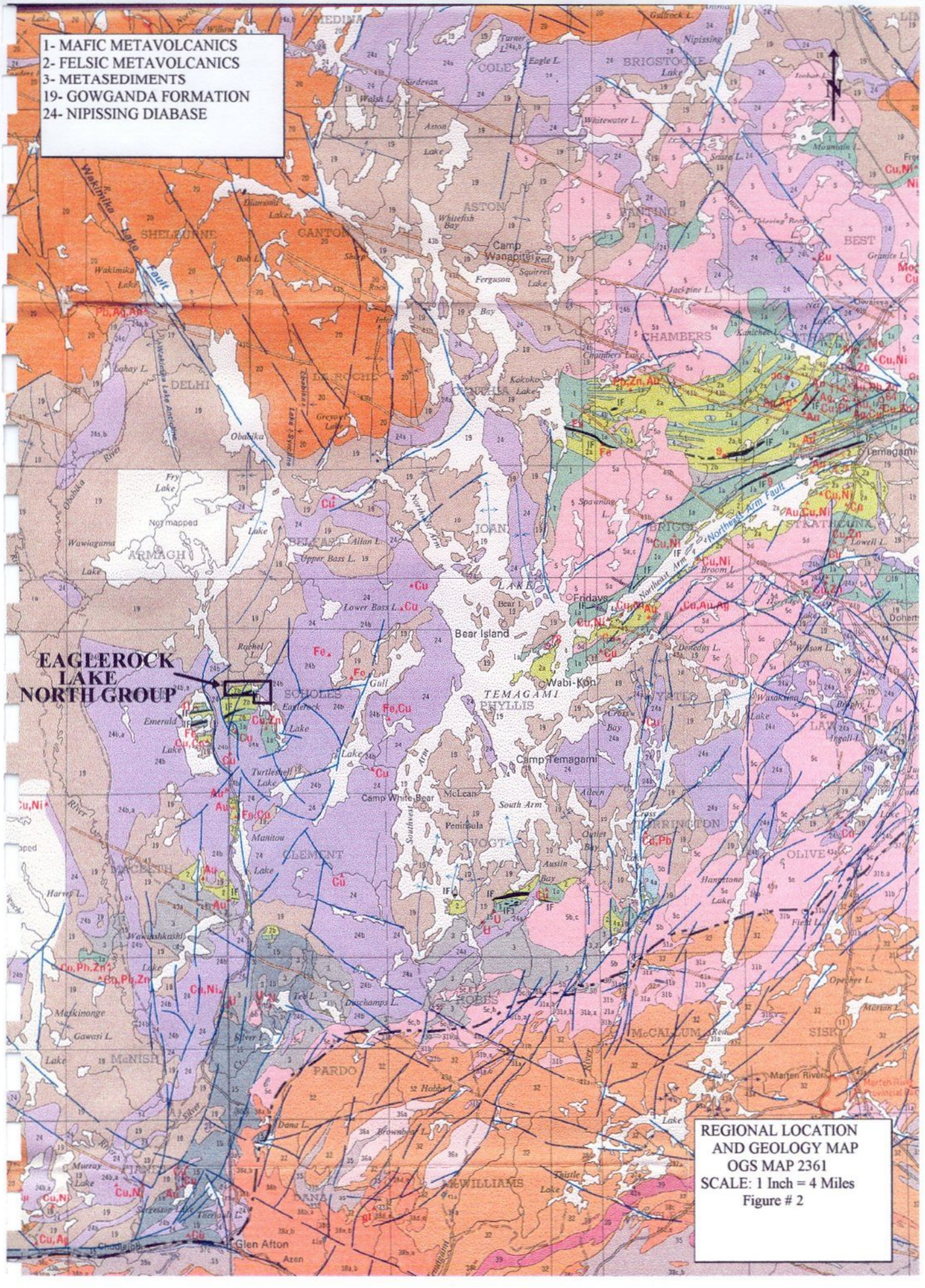
Access to the grid was gained by taking Hwy 805 to the north end of Emerald Lake where a secondary road heads east from the Hwy. This road heads east running through the western part of the grid as far as the north end of Greenrod Lake where it then swings to the north and off the grid. From just east of Greenrod Lake a network of old logging roads that can be travelled by ATV provide access to the southeast corner of the block and the northeast corner of Eaglerock Lake (Figure #3).

PERSONELL

The people directly involved with the geophysical program were all employed by Vision Exploration and are as follows:

Steve Anderson..... Timmins, Ontario
Rob Todoravich ..... Timmins, Ontario
Randy Salo..... Timmins, Ontario
Donny McKinnon..... Timmins, Ontario

Steve Anderson and Donny McKinnon supervised all work.


1- MAFIC METAVOLCANICS
2- FELSIC METAVOLCANICS
3- METASEDIMENTS
19- GOWGANDA FORMATION
24- NIPISSING DIABASE
EAGLEROCK LAKE NORTH GROUP
Wakimika Lake Fault
Northeast Arm Fault
Camp Wanapitei
Bear Island
Fridays
Wabi-Kon
Camp Temagami
Camp White Bear
Glen Afton
Azen
Lemagami
Marten River
REGIONAL LOCATION AND GEOLOGY MAP
OGS MAP 2361
SCALE: 1 Inch = 4 Miles
Figure # 2

PREVIOUS WORK

The assessment files show that a fair amount of work has been carried out over the Eaglerock North Claim group. Since the 1950's significant base metal values have been reported from this area. The following is a list of the companies or individuals that previously held the ground and a brief description of the work they carried out:

EMERALD MINING SYNDICATE 1950:
- magnetometer survey
- geological mapping

ABEX MINES 1951:
- self potential survey
- resistivity survey
- diamond drilling

NEW ATHONA MINES LTD 1955:
- magnetometer survey
- geological mapping
- stripping and trenching

GRAINGER 1973:
- prospecting
- trenching

GENERAL GEOLOGY

The geology of the area is described in OGS Report 170 " Geology of Afton, Scholes Macbeth and Clement Townships" as follows:

All bedrock exposed is of Precambrian age. The oldest rocks of the area are a sequence of Early Precambrian metavolcanics and metasediments with locally interbedded chert (jasper)-magnetite, and sulphide iron formation. These rocks are locally intruded by porphyries similar to the flows they intrude, and are intruded by diabase dikes. The early Precambrian sequence is unconformabley overlain by Middle Precambrian Huronian sedimentary rocks of the Mississagi and Gowganda Formations. Sheet-like Nipissing Intrusions (tholeiitic gabbro) intruded by Huronian and older rocks. The youngest bedrock in the area consists of Late Precambrian diabase and olivine diabase dikes. Pleistocene and recent gravel, sand, silt and swamp deposits cover the area between exposures of Precambrian rock.

OGS Map 2385 shows the southern and central portion of the grid to be underlain primarily by felsic metavolcanics striking in generally an east-west direction and dipping steeply to the south. This geological unit extends off the grid to the west, and can be traced to the east as far as 200 meters east of Greenrod Lake. To the north of this, bordering the metavolcanics lies Gowganda Formation.

The southern boundary of the property, west of Greenrod Lake is underlain or partially underlain by a narrow band of mafic metavolcanics and iron formation. Previous work programs in the area have tested portions of this geological unit, reporting significant base metal values.

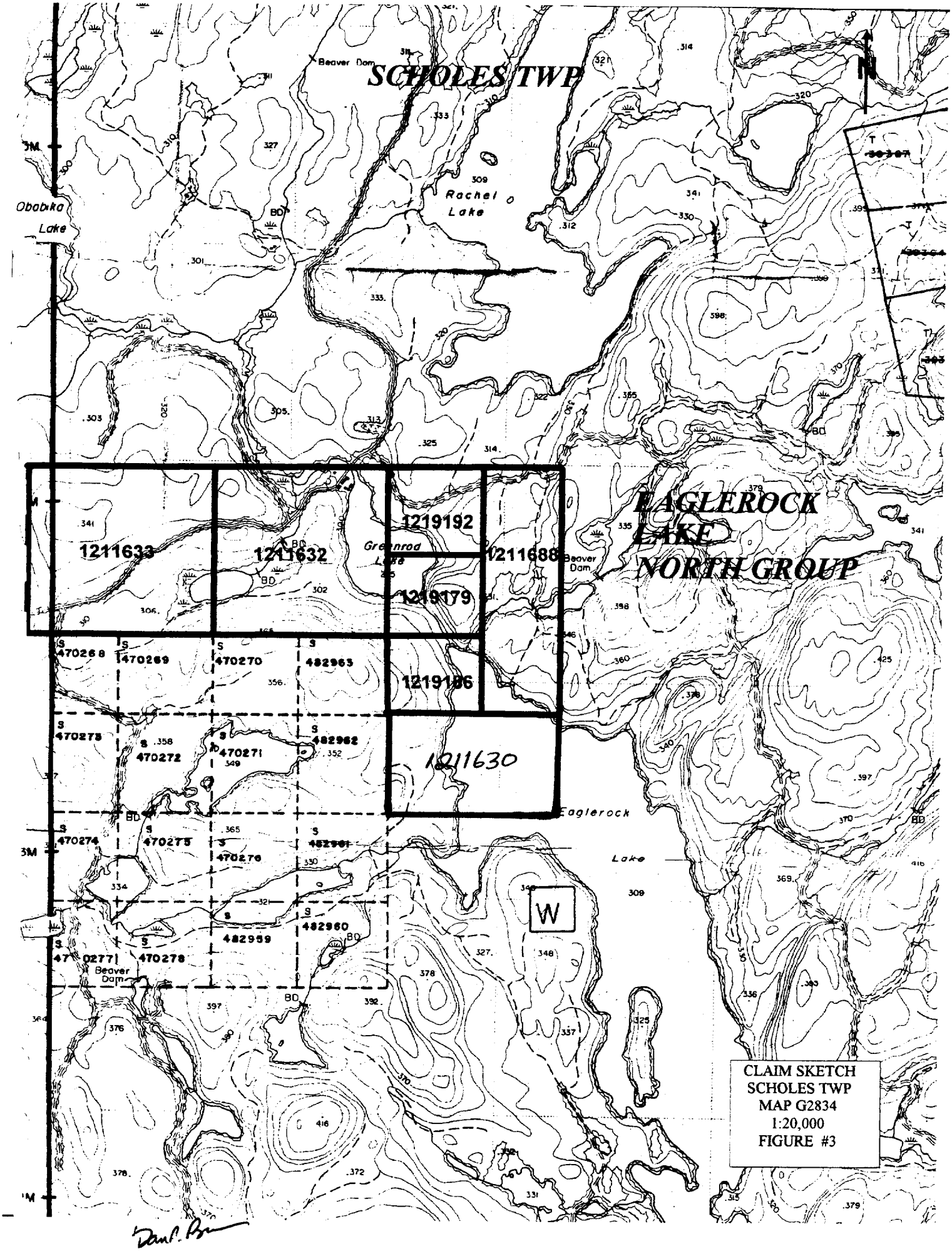
The eastern portion of the property as well as the area directly south of Greenrod Lake is shown to be underlain primarily by Nipissing diabase.

CLAIMS

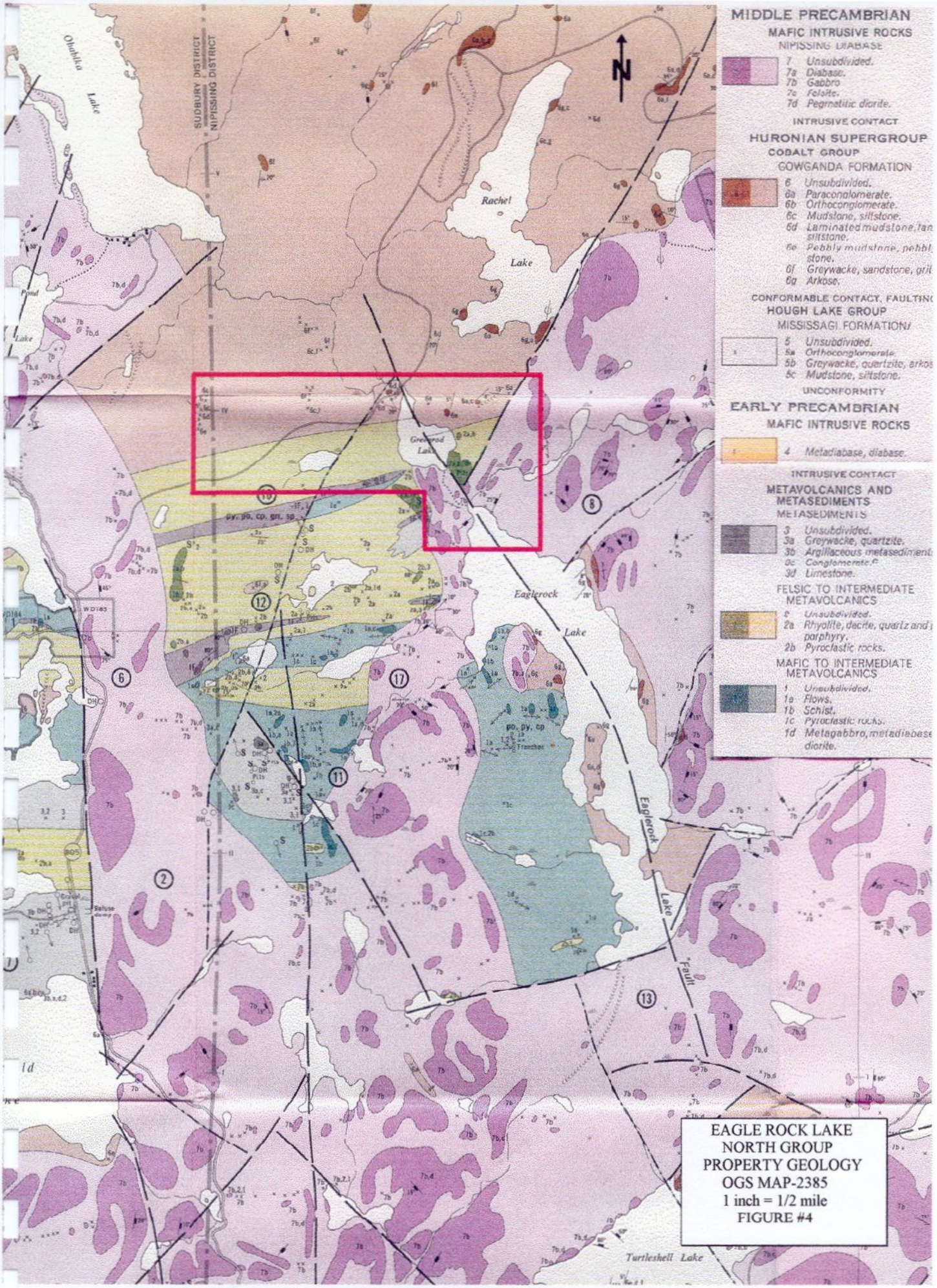
D.P.B The Eaglerock Lake North Claim Group is made up of six unpatented block and single unit mining claims (16 units) located in Scholes and Afton Townships, Sudbury Mining Division, Districts of Sudbury and Nipissing, Ontario. All are currently recorded in the name of Temex Resources Ltd. The claim numbers are as follows:

CLAIM #	# OF UNITS	TOWNSHIP
1211632	4	SCHOLES
1211633	4	SCHOLES/AFTON
1211688	3	SCHOLES
1219179	1	SCHOLES
1219186	1	SCHOLES
1219192	1	SCHOLES
1211630	2	SCHOLES

D.P.B



CLAIM SKETCH
SCHOLES TWP
MAP G2834
1:20,000
FIGURE #3


MIDDLE PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
NIPISSING DIABASE
7 Unsubdivided.
7a Diabase.
7b Gabbro
7c Felsite.
7d Pegmatitic diorite.
INTRUSIVE CONTACT
HURONIAN SUPERGROUP
COBALT GROUP
GOWGANDA FORMATION
6 Unsubdivided.
6a Paraconglomerate.
6b Orthoconglomerate.
6c Mudstone, siltstone.
6d Laminated mudstone, fan siltstone.
6e Pebbly mudstone, pebbl stone.
6f Greywacke, sandstone, grit
6g Arkose.
CONFORMABLE CONTACT, FAULTIN
HOUGH LAKE GROUP
MISSISSAGI FORMATION
5 Unsubdivided.
5a Orthoconglomerate.
5b Greywacke, quartzite, arkos
5c Mudstone, siltstone.
UNCONFORMITY
EARLY PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
4 Metadiabase, diabase.
INTRUSIVE CONTACT
METAVOLCANICS AND METASEDIMENTS
METASEDIMENTS
3 Unsubdivided.
3a Greywacke, quartzite.
3b Argillaceous metasediment
3c Conglomerate
3d Limestone.
FELSIC TO INTERMEDIATE METAVOLCANICS
2 Unsubdivided.
2a Rhyolite, decite, quartz and porphyry.
2b Pyroclastic rocks.
MAFIC TO INTERMEDIATE METAVOLCANICS
1 Unsubdivided.
1a Flows.
1b Schist.
1c Pyroclastic rocks.
1d Metagabbro, metadiabase diorite.
SUDBURY DISTRICT
NIPISSING DISTRICT
Obabika Lake
Rachel Lake
Eaglerock Lake
Eaglerock Lake Fault
Turtleshell Lake
py, po, cp, sn, sp
po, py, cp
Trenches
Refuse dump
DH
WD183
EAGLE ROCK LAKE
NORTH GROUP
PROPERTY GEOLOGY
OGS MAP-2385
1 inch = 1/2 mile
FIGURE #4

WORK PROGRAM

The first stage of this work program involved establishing a grid over which the geophysical surveys could be carried out. Temex Resources Ltd. set up the grid parameters with the base lines in an east-west direction with perpendicular, north-south cross lines and tie-lines. The line interval was set at 50 meters, with a 25 meters station interval. A total of 34 km. of chainsaw cut grid lines were established.

The grid was then surveyed with Magnetometer and VLF-EM, using a 12.5-meter reading interval, resulting in 34 km of magnetometer and 29.8 km. of VLF-EM coverage. The following is a brief description of the geophysical methods and parameters used.

MAGNETOMETER SURVEY

A GEM GSMT-19 Proton Precession magnetometer was used to carry out the magnetometer survey. The instrument is synchronised with a GEM GSMT-19 recording base station to help eliminate magnetic diurnal variation. This should ensure an accuracy of less than 1.0 Nt.

The Proton Precession method involves energising a wire coil immersed in a hydrocarbon fluid. This causes the protons in the proton rich fluid to spin or precess simulating spinning magnetic dipoles. When the current is removed the protons precess about the direction of the earth's magnetic field, generating a signal in the same coil which is proportional to the total magnetic field intensity. In this way, the horizontal gradient of the earth's magnetic field can be measured and plotted in plan form with values of equal intensity joined to form a contour map.

This presentation is useful in correlating with other data sets to aid in structural interpretation. Individual magnetic responses can be interpreted for dip, depth and width estimates after profiling the data.

The following parameters were employed for the survey:

Instrument – GEM, GSMT-19 Proton Precession Magnetometer
Station Interval - 12.5m
Line Interval - 50m
Diurnal Correction Method – GEM GSMT-19 Recording Base Station
Data Presentation – Data posted and contoured plan map
- 1:2500 scale
- Contour interval: 50 nano-teslas

VLF- EM SURVEY

A Geometrics EM-16 VLF instrument was used to survey the entire property. Both the In-phase (dip angle) and Quadrature values were recorded at 12.5m intervals.

While VLF stands for Very Low Frequency, it is for mineral exploration purposes a very high frequency compared to other commonly used Electromagnetic Surveys. The commonly used frequencies are in the order of 18-20 kilohertz. The VLF-EM technique employs fixed transmitter stations located at various places around the world to facilitate navigation. Because of this, one has a limited choice as to what transmitter station that can be used, depending on distance from and azimuth to the transmitter station.

For this survey, Cutler Maine (NAA) was used. It has an operating frequency of 24.0 KHz and an azimuth of approximately of 110 degrees TN from the property. Very briefly, the transmitting station emits a concentric, circular wave pattern, expanding about the transmitter dipole. Being thousands of miles away from the transmitter, we deal with the tangent of this wave pattern, which in this case would have a direction normal to the azimuth of 110 degrees. Thus any conductors having a general EW strike direction would be intersected by this signal which induces a signal in the conductor which in turn opposes the primary signal from the transmitter station. This elliptically polarizes the resultant field enabling detection of the conductor using a receiver coil to determine the attitude of the resultant field at various points along the grid lines.

The resultant field dips away from the conductor axis on both sides of the conductor producing a crossover on the conductor axis. For an EW conductor, a true crossover would occur where the field dips south and changes to a north dip as you progress from south to north. For this survey, a +/- system is used where a (+) dip angle means the field is dipping to the south (indicating anomaly is to north) and a (-) dip angle means the field is dipping to the north (indicating anomaly is to South). This is the case only if all readings were taken facing north as per this survey.

The quadrature values, while not useful alone, can help distinguish between bedrock conductors, which generally have a smaller out-of-phase response than overburden or short wavelength conductors can. Also, the polarity of the quadrature is diagnostic, i.e.; if the polarity follows or is the same sense as the In-phase it gives more credibility to the conductor. Reverse quadrature often indicates overburden responses.

The following parameters were employed for the survey:

Instrument - Geometrics EM-16 VLF
Transmitter Station - Cutler Maine (USA)
- Call symbol NAA
Frequency - 24.0 kHz
Azimuth to station - approx. 110 degrees TN
Reading Direction - All reading taken facing north
Station Interval - 12.5m
Line Interval - 50m
Data Presentation – Data posted and profiled plan map
- Scale - 1:2500
- Profile scale 1 cm = 20%

SURVEY RESULTS

The geophysical program conducted on the Eaglerock Lake North Group was successful in outlining a number of conductive zones. All have been marked and labelled A through O and can be found on the VLF-EM profiled plan map in the back pocket of this report.

The two most dominant magnetic features are two highs, this first occurring along the group's south boundary between L400E and L750E, the second at the northwest end of Eaglerock Lake between L1200E and L1400E. Both these features are likely marking zones of iron formation as shown by Map 2385 (Figure #4).

As mentioned, numerous VLF-EM conductors were outlined. Of these, two might be explained by Map 2385. Zone K appears to be coincident with the contact between the felsic metavolcanics and the Nipissing Diabase, while zone E may be responding to zones of iron formation.

The remainder the zones remain unresolved and with the limited amount of information available at this time a priority list would be difficult to establish. Some of the stronger responses include A, B, D, M, and N. Zone A is coincident with a weak magnetic low and could be marking a structure, such as fault or shear zones. Zones Band D are likely the same zone and are similar to Zone A, again possibly marking some type of structure. Zones M and N may be one continuous feature that has been slightly offset. This zone occurs along the horizontal magnetic gradient between a background high to the south and low to the north. This may represent a geological contact.

The remainder of the zones show weaker responses over shorter strike lengths. Although some of these may be overburden responses none should be dismissed as such without further testing.

RECOMMENDATIONS AND CONCLUSIONS

The geophysical program carried out on the Eagle Rock Lake North Group was successful in outlining a number of conductors, all of which requires some degree of follow-up work. As mentioned under results, at this point in time, based on anomaly strengths, the main areas of interest would appear to be A, B, D, M and N. However, none of the zones discussed should be dismissed without making some attempt in resolving them.

The first phase of follow-up work should take the form of geological mapping or prospecting. This may help resolve any of the zones that are exposed as well as give some idea which of the zones, if any could be overburden responses.

Some test lines of HLEM would also help in determining whether the conductors outlined are legitimate bedrock conductors. An Induced Polarization survey should also be considered, as it will respond to zones of disseminated sulphides that may not have responded to conventional geophysical methods used thus far.

The Property occurs within a favourable gold and base metal geological environment, and none of the zones outlined should be dismissed without determining their source.

CERTIFICATION

I, Steve Anderson of Timmins, Ontario hereby certify that:

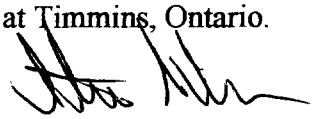
1. I hold a three-year Technologist Diploma from Sir Sandford College, Lindsay, Ontario, obtained in May 1981.

2. I have been practising my profession since 1979 in Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, NWT, Manitoba Saskatchewan and Greenland.

3. I have been employed directly with Asamera Oil Inc., Urangellschaft Canada Ltd., Nanisivik Mines Ltd., R.S. Middleton Exploration Services Ltd., Rayan Exploration Ltd and am currently an owner of Vision Exploration.

4. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the fieldwork conducted on the property during 1998.

Dated this 2nd day of September 1998
at Timmins, Ontario.



APPENDIX A
GEM GSM-19 MAGNETOMETER

INSTRUMENT SPECIFICATIONS

MAGNETOMETER / GRADIOMETER

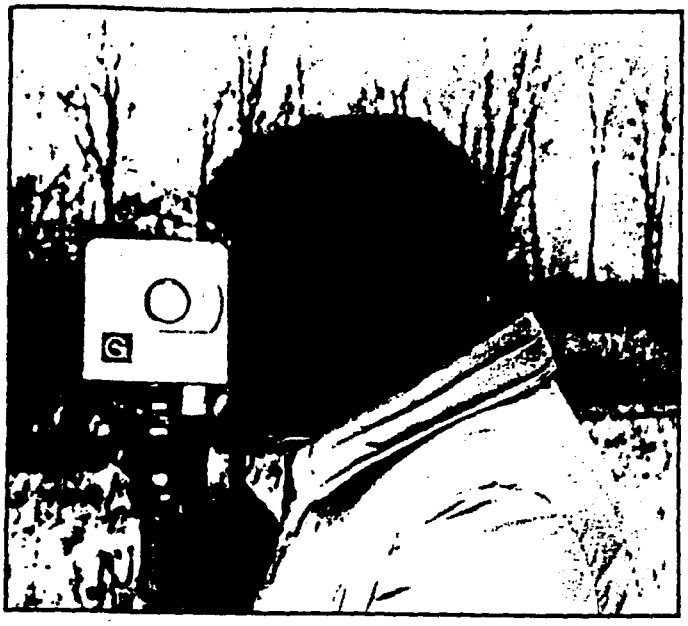
Resolution:	0.01 nT (gamma), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232-C.
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).

APPENDIX B
GEOMETRICS EM-16 VLF

VLF EM



EM16

One of the most popular and widely used electromagnetic instruments, the EM16 VLF receiver makes the ideal reconnaissance EM. This can be attributed to its field reliability, operational simplicity, compactness and mutual compatibility with other reconnaissance instruments such as portable magnetometers and radiometric detectors.

The VLF method of EM surveying, pioneered by Geonics, has proven to be a simple economical means of mapping geological structure and fault tracing. The applications are many and varied, ranging from direct detection of massive sulphide conductors to the indirect detection of precious metals and radioactive deposits.

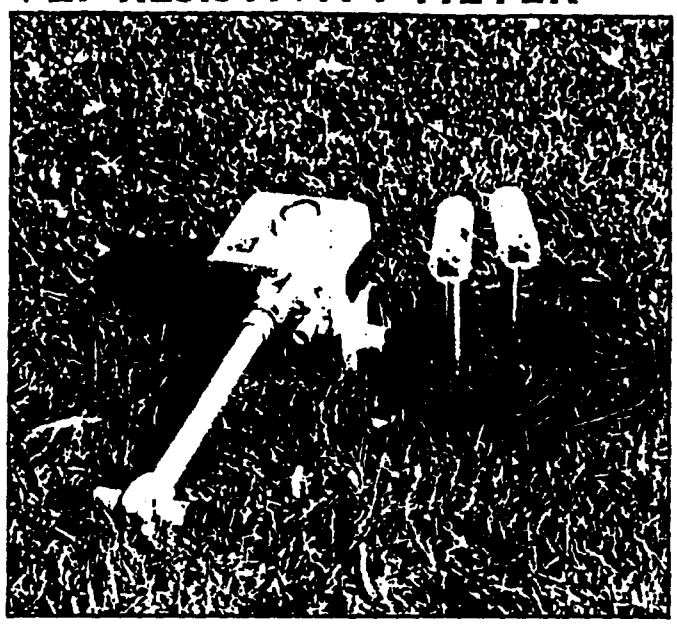
FEATURES

- The EM16 is the only VLF instrument that measures the quad-phase as well as the in-phase secondary field. This has the advantage of providing an additional piece of data for a more comprehensive interpretation and also allows a more accurate determination of the tilt angle.
- The secondary fields are measured as a ratio to the primary field making the measurement independent of absolute field strength.
- The EM16 is the only VLF receiver that can be adapted to measure VLF resistivity.

Specifications

MEASURED QUANTITY	In-phase 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	In-phase : ±150% Quad-phase : ± 40%
RESOLUTION	±1%
OUTPUT	Nulling by audio tone. In-phase indication from mechanical inclinometer and quad-phase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz 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	42 x 14 x 9 cm
WEIGHT	Instrument: 1.6 kg Shipping : 5.5 kg

VLF RESISTIVITY METER



EM16/16R

The EM16R is a simple, button on attachment to the EM16 converting it to a direct reading terrain resistivity meter. The EM16R interfaces a pair of potential electrodes to the EM16 enabling the measurement of the ratio of, and the phase angle between, the horizontal electric and magnetic fields of the plane wave propagated by distant VLF radio transmitters.

The EM16R is direct reading in ohm-meters of apparent ground resistivity. If the phase angle is 45°, the resistivity reading is the true value and the earth is uniform to the depth of exploration (i.e. a skin depth). Any departure from 45° of phase indicates a layered earth. Two layer interpretation curves are supplied with each instrument to permit an interpretation based on a two layer earth model.

This highly portable resistivity meter makes an ideal tool for quick geological mapping and has been used successfully for a variety of applications.

- Detection of massive and disseminated sulphide deposits
- Overburden conductivity and thickness measurements
- Permafrost mapping
- Detection and delineation of industrial mineral deposits
- Aquifer mapping

Specifications EM16R ATTACHMENT

MEASURED QUANTITY	• Apparent Resistivity of the ground in ohm-meters • Phase angle between E_x and H_y in degrees
RESISTIVITY RANGES	• 10 — 300 ohm-meters • 100 — 3000 ohm-meters • 1000 — 30000 ohm-meters
PHASE RANGE	0-90 degrees
RESOLUTION	• Resistivity : ±2% full scale • Phase : ±0.5°
OUTPUT	Null by audio tone. Resistivity and phase angle read from graduated dials.
OPERATING FREQUENCY	15-25 kHz VLF Radio Band. Station selection by means of rotary switch.
INTERPROBE SPACING	10 meters
PROBE INPUT IMPEDANCE	100 MΩ in parallel with 0.5 picofarads
DIMENSIONS	19 x 11.5 x 10 cm. (attached to side of EM16)
WEIGHT	1.5 kg (including probes and cable)

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FIGURES

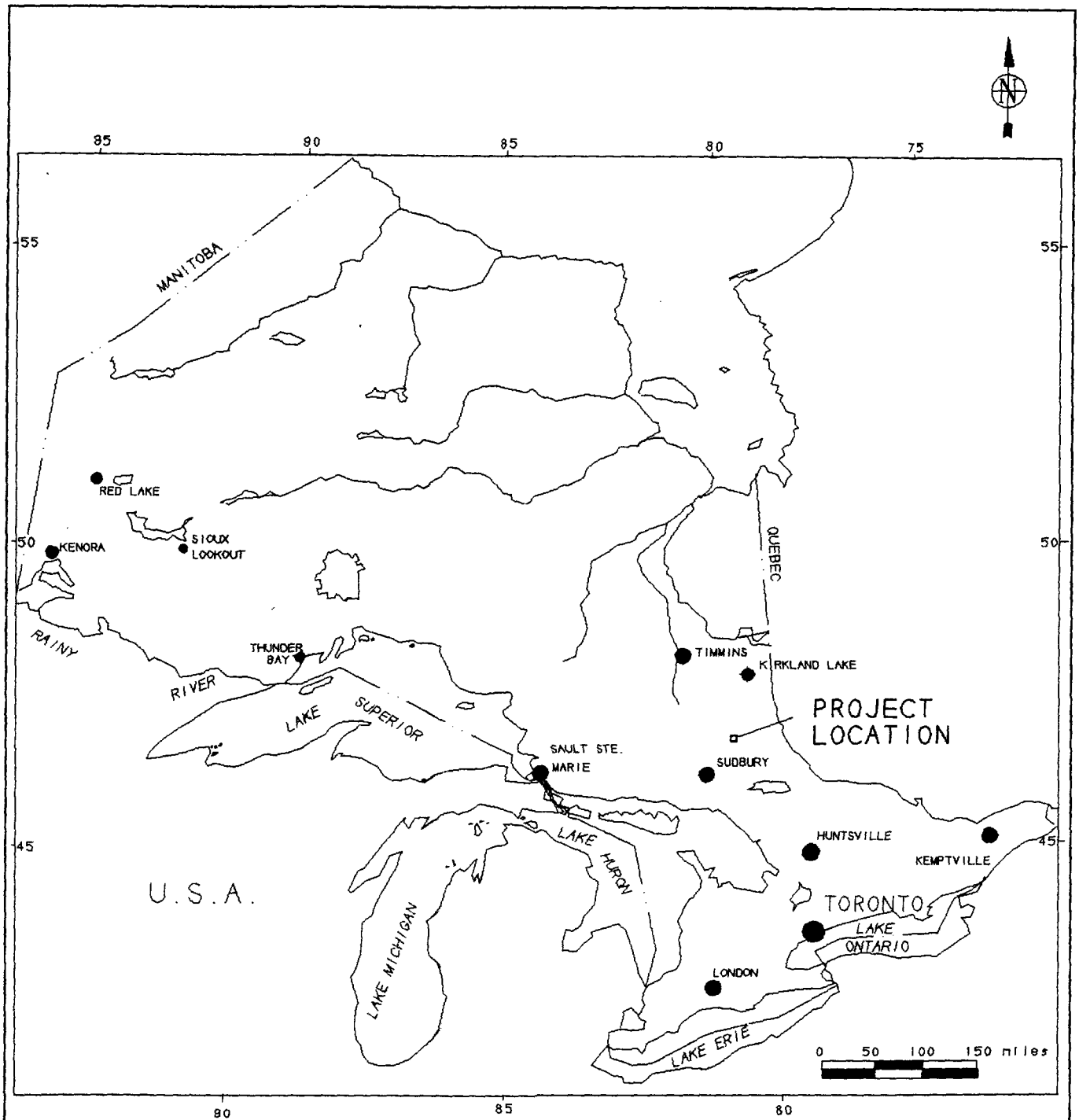
MAPS

INTRODUCTION

The following report will deal with the results of magnetometer and HLEM surveys carried out on the Eaglerock Lake South Claim Group. The property is held by Temex Resources Ltd. and is made up of three unpatented block mining claims (14 units), located in Scholes Township, Sudbury Mining Division, Districts Nipissing, Ontario. This work was carried out on a contract basis by Vision Exploration and took the form of a line-cutting program, which was followed up with magnetometer and HLEM (Max-Min) surveys. A total of 25.4 km. of grid lines were established and surveyed during the month of July 1998.

On September 17, 1997 the mining rights for the subject property came open for staking after having being withdrawn by the MNDM for more than 20 years as a result of the Temagami Land Caution. This has resulted in only a limited amount of exploration work having been carried out in the area. The property lies to the southwest and generally on strike with the town of Temagami, which has hosted a number of past base metal producers.

The purpose of this program was to provide ground geophysical data that would aid in the geological interpretation of the area. This included re-locating a number of previously oulined conductors that for the most part remain untested.



PROVINCE OF ONTARIO

FIG 1

Client:	TEMEX RESOURCES
Property:	EAGLEROCK LAKE SOUTH
Title:	LOCATION MAP

Processed: SDA	Checked: SDA	VISION EXPLORATION
Date: AUG/98	Township: SCHOLES	
Province: ONT	N.T.S.:	
Scale: 1in-1/2mi	Drawing: V37	TIMMINS ONTARIO

LOCATION AND ACCESS

The Eaglerock Lake South Claim Group is located in the west central portion of Scholes Township, Sudbury Mining Division, Districts of Nipissing, Ontario. The property is situated approximately 70-km. northeast form the city of Sudbury or 40-km. southwest from the town of Temagami, Ontario. The grid borders much of the west shore of Eaglerock Lake.

Access to the work area is gained by taking Hwy 64 North form the town of Sturgeon Falls which is situated along the Trans Canada Hwy (Hwy 17) between the cities of North Bay and Sudbury. At the 22 km. point on Hwy 64 north is the village of Field and the junction of Hwy 539 to the village of River Valley. To this point the Hwy is paved and in fairly good condition. From the village of River Valley Hwy 805 can be used to access the Manitou Lake area.

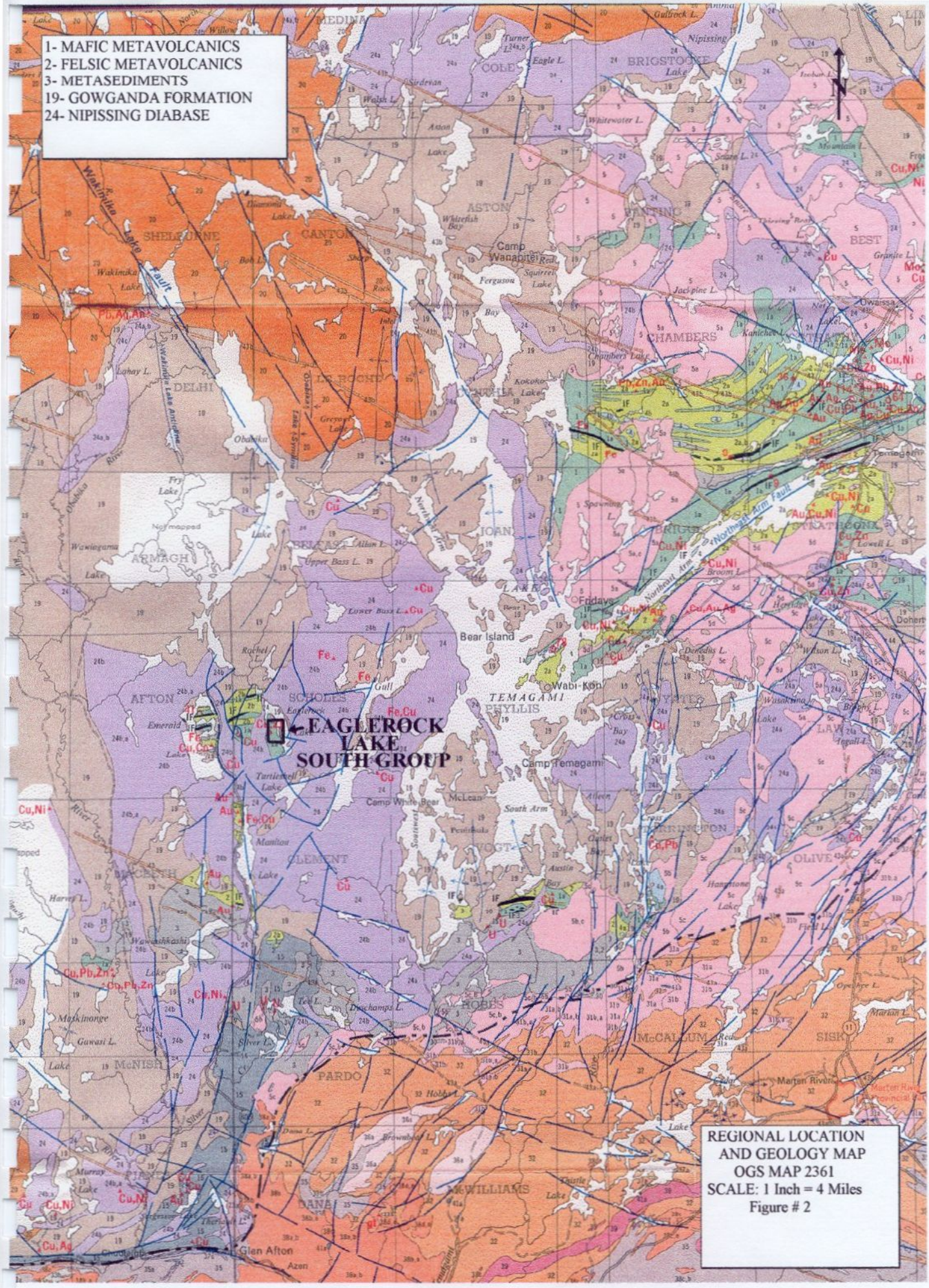
Access to the grid was gained by taking Hwy 805 to the south end of Emerald Lake where a secondary road heads east from the Hwy. This road provides access to a network of logging roads that can be travelled by four-whell drive or ATV, providing access to within 1 km. of the grid. From here, the grid was accessed by ATV on an old logging road which runs diagonally through much of the grid.

PERSONELL

The people directly involved with the geophysical program were all employed by Vision Exploration and are as follows:

Steve Anderson... .....Timmins, Ontario
Rob Todoravich .....Timmins, Ontario
Lanny Anderson.....Timmins, Ontario
Donny McKinnon..... Timmins, Ontario
T.J. Quesnelle..... Sturgeon Falls, Ontario

Steve Anderson and Donny McKinnon supervised all work.


1- MAFIC METAVOLCANICS
2- FELSIC METAVOLCANICS
3- METASEDIMENTS
19- GOWGANDA FORMATION
24- NIPISSING DIABASE
EAGLEROCK LAKE SOUTH GROUP
REGIONAL LOCATION AND GEOLOGY MAP
OGS MAP 2361
SCALE: 1 Inch = 4 Miles
Figure # 2

PREVIOUS WORK

The assessment files show that the majority of work carried out over the Eaglerock South Claim group was done by Noranda Mines Limited in 1956 This work took the form of ground geophysical surveys (magnetic and electromagnetic) followed by geological mapping, trenching and sampling. This work reported significant base metal values occurring within zones of iron formation and sulphides.

GENERAL GEOLOGY

The geology of the area is described in OGS Report 170 " Geology of Afton, Scholes Macbeth and Clement Townships" as follows:

All bedrock exposed is of Precambrian age. The oldest rocks of the area are a sequence of Early Precambrian metavolcanics and metasediments with locally interbedded chert (jasper)-magnetite, and sulphide iron formation. These rocks are locally intruded by porphyries similar to the flows they intrude, and are intruded by diabase dikes. The early Precambrian sequence is unconformabley overlain by Middle Precambrian Huronian sedimentary rocks of the Mississagi and Gowganda Formations. Sheet-like Nipissing Intrusions (tholeiitic gabbro) intruded by Huronian and older rocks. The youngest bedrock in the area consists of Late Precambrian diabase and olivine diabase dikes. Pleistocene and recent gravel, sand, silt and swamp deposits cover the area between exposures of Precambrian rock.

OGS Map 2385 shows the majority of the grid area to be underlain by mafic to intermediate metavolcanics (Figure #4). The southern portion of the grids is shown to have a northwesterly strike direction which changes to a northeasterly direction in the north

The extream northeast corneer of the grid is shown to be underlain by Nipissing Diabase.

CLAIMS

D.P.B 27 ~~14~~ The Eaglerock Lake South Claim Group is made up of three unpatented block mining claims (14 units) located in Scholes Township, Sudbury Mining Division, Districts of Nipissing, Ontario. All are currently recorded in the name of Temex Resources Ltd. The claim numbers are as follows:

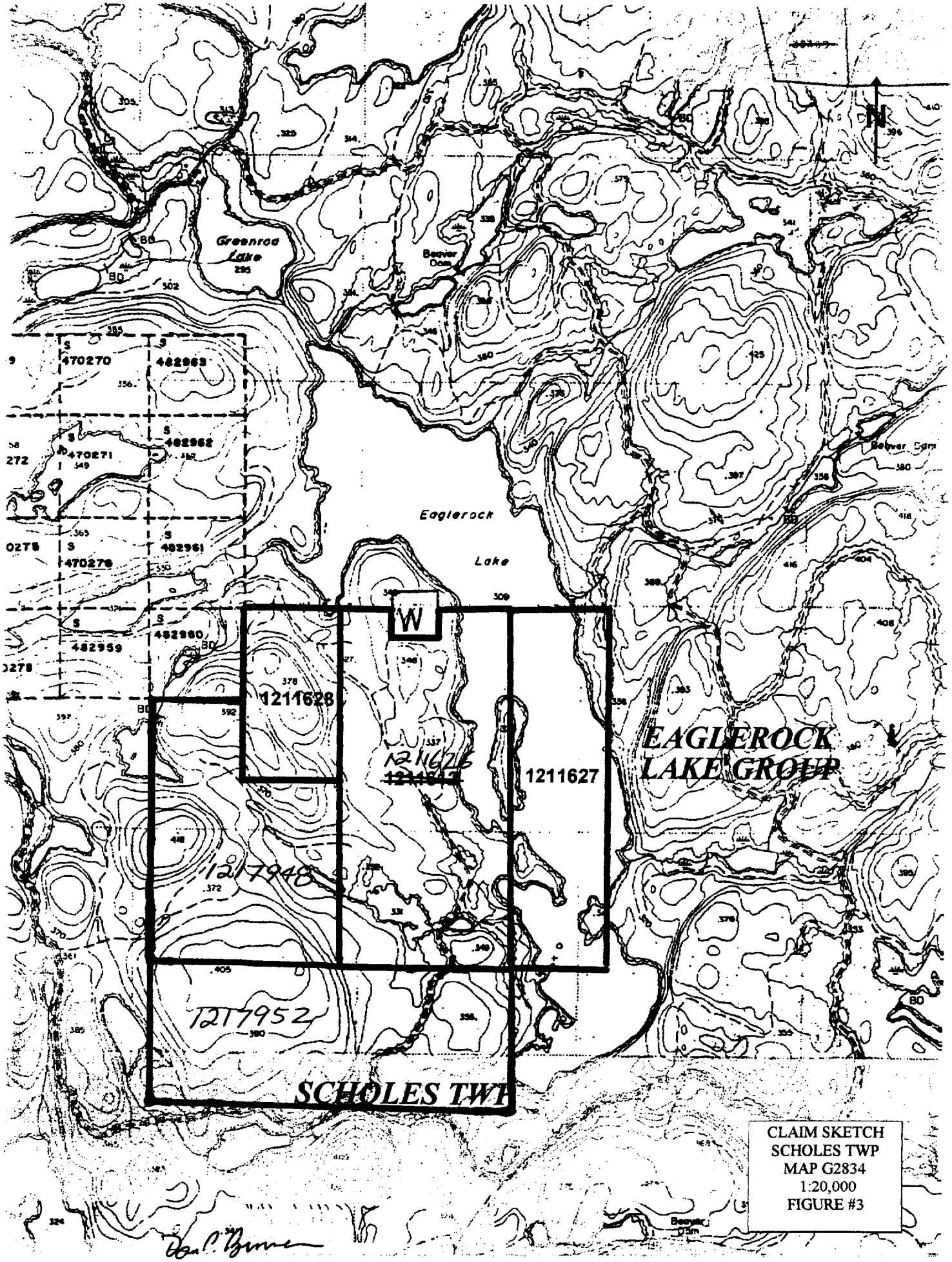
CLAIM #	# OF UNITS	TOWNSHIP
1211626		
~~1211612~~	8	SCHOLES
1211627	4	SCHOLES
1211628	2	SCHOLES
1217948	5	SCHOLES
1217952	8	SCHOLES

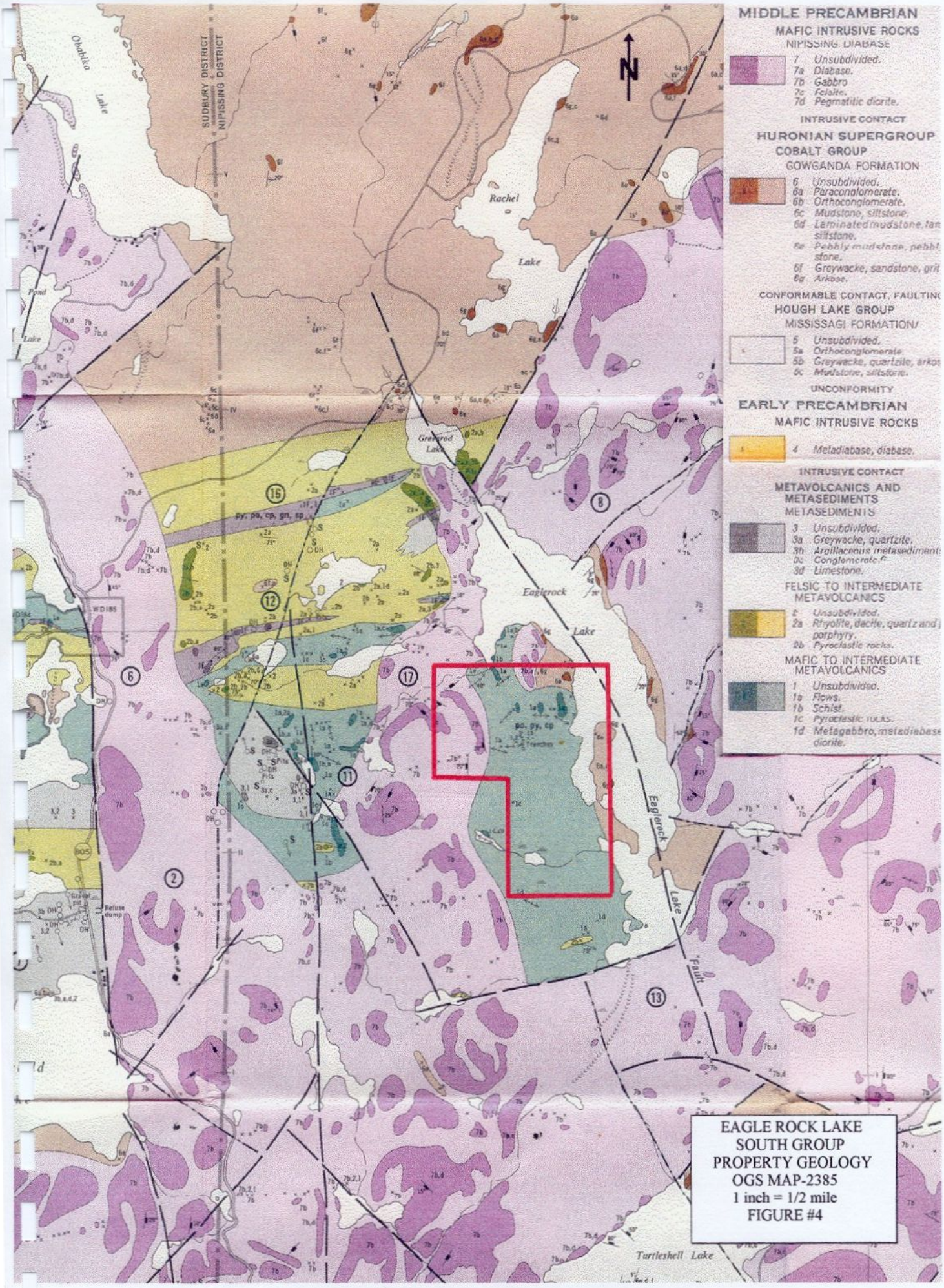
D.P.B

WORK PROGRAM

The first stage of this work program involved establishing a grid over which the geophysical surveys could be carried out. Temex Resources Ltd. set up the grid parameters with the base line and tie lines running at North 35 degrees West and perpendicular cross lines. The line interval was set at 50 meters, with a 25 meters station interval. A total of 25.4 km. of chainsaw cut grid lines were established.

The grid was then surveyed with Magnetometer and HLEM, using a 12.5-meter reading interval for the magnetometer and 25 meter for the HLEM. This resulted in 25 km. of magnetometer coverage and 11.7 km. of HLEM. It should be noted that the topography in this area was fairly rugged, which had some affect of the HLEM survey The following is a brief description of the geophysical methods and parameters used.


Greenrod Lake
Beaver Dam
Eaglerock Lake
W
1211628
1211627
1217948
1217952
EAGLEROCK LAKE GROUP
SCHOLES TWP
CLAIM SKETCH
SCHOLES TWP
MAP G2834
1:20,000
FIGURE #3


MIDDLE PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
NIPISSING DIABASE
7 Unsubdivided.
7a Diabase.
7b Gabbro
7c Felsite.
7d Pegmatitic diorite.
INTRUSIVE CONTACT
HURONIAN SUPERGROUP
COBALT GROUP
GOWGANDA FORMATION
6 Unsubdivided.
6a Paraconglomerate.
6b Orthoconglomerate.
6c Mudstone, siltstone.
6d Laminated mudstone, tan siltstone.
6e Pebbly mudstone, pebbl stone.
6f Greywacke, sandstone, grit
6g Arkose.
CONFORMABLE CONTACT, FAULTIN
HOUGH LAKE GROUP
MISSISSAGI FORMATION
5 Unsubdivided.
5a Orthoconglomerate.
5b Greywacke, quartzite, arkos
5c Mudstone, siltstone.
UNCONFORMITY
EARLY PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
4 Metadiabase, diabase.
INTRUSIVE CONTACT
METAVOLCANICS AND METASEDIMENTS
METASEDIMENTS
3 Unsubdivided.
3a Greywacke, quartzite.
3b Argillaceous metasediment
3c Conglomerate.
3d Limestone.
FELSIC TO INTERMEDIATE METAVOLCANICS
2 Unsubdivided.
2a Rhyolite, decite, quartz and porphyry.
2b Pyroclastic rocks.
MAFIC TO INTERMEDIATE METAVOLCANICS
1 Unsubdivided.
1a Flows.
1b Schist.
1c Pyroclastic rocks.
1d Metagabbro, metadiabase diorite.
N
SUDBURY DISTRICT
NIPISSING DISTRICT
Obabika Lake
Rachel Lake
Pond Lake
Greenrod Lake
Eaglerock Lake
Eaglerock Lake Fault
Turtleshell Lake
py, po, cp, sn, sp
po, py, cp
WD185
Gravel pit
Refuse dump
EAGLE ROCK LAKE
SOUTH GROUP
PROPERTY GEOLOGY
OGS MAP-2385
1 inch = 1/2 mile
FIGURE #4

MAGNETOMETER SURVEY

A GEM GSMT-19 Proton Precession magnetometer was used to carry out the magnetometer survey. The instrument is synchronised with a GEM GSMT-19 recording base station to help eliminate magnetic diurnal variation. This should ensure an accuracy of less than 1.0 Nt.

The Proton Precession method involves energising a wire coil immersed in a hydrocarbon fluid. This causes the protons in the proton rich fluid to spin or precess simulating spinning magnetic dipoles. When the current is removed the protons precess about the direction of the earth's magnetic field, generating a signal in the same coil which is proportional to the total magnetic field intensity. In this way, the horizontal gradient of the earth's magnetic field can be measured and plotted in plan form with values of equal intensity joined to form a contour map.

This presentation is useful in correlating with other data sets to aid in structural interpretation. Individual magnetic responses can be interpreted for dip, depth and width estimates after profiling the data.

The following parameters were employed for the survey:

Instrument – GEM, GSMT-19 Proton Precession Magnetometer
Station Interval - 12.5m
Line Interval - 50m
Diurnal Correction Method – GEM GSMT-19 Recording Base Station
Data Presentation – Data posted and contoured plan map
- 1:2500 scale
- Contour interval: 50 nano-teslas

HORIZONTAL LOOP SURVEY

The Horizontal Loop EM survey was carried out with an Apex Max-Min II instrument. These surveys are commonly called "Max-Min" surveys in recent times.

The Max-Min II instrument can operate at five frequencies (3555HZ, 1777HZ, 888HZ, 444HZ, 222HZ). and is capable of coil separations from 25 meters to 200 meters. Although it can be used in the vertical loop mode as well as minimum coupled, it is most often used in the Maximum Coupled, Co-Planer mode which is in effect a Horizontal Loop Electromagnetic Survey.

The instrument records the "In-Phase" and "Out-of-Phase" components of the anomalous resultant field from a conductor as a percentage of the primary field strength. Both components are used in the interpretation of the results. Generally, the larger the ratio of peak negative responses between In-Phase and Out-of-Phase, the higher the conductivity of the anomaly. A ratio of 1:1 is considered a medium conductor.

The purpose of reading more than one frequency is to obtain more information about the conductor itself as well as the conductivity of the overburden etc. The higher frequencies will respond to weaker conductive features such as faults, conductive overburden etc. As a result the signal from these frequencies can attenuate very quickly, possibly not penetrating to the bedrock at all. The lower frequencies having a longer wavelength tend to penetrate deeper and generally only respond to anomalies with a higher order of conductance, Thus as with most geophysical techniques it is a trade off as to depth of penetration vs. conductance threshold detectable. The use of multi frequency surveys helps to alleviate this problem at a minimal extra cost.

The HLEM survey was carried out using the following parameters.

INSTRUMENT: Apex Parametrics, Max-Min II
MODE: Co-planar
PARAMETERS MEASURED: In-phase and quadrature
COIL SPACING: 100 meters
FREQUENCIES: 444Hz, 1777Hz and 3555Hz.
LINE INTERVAL: 50 meters
STATION INTERVAL: 25 meters
DATA PRESENTATION: Profiled plan maps, 1:2500
PROFILE SCALE: 1cm = 20%

SURVEY RESULTS

The geophysical program conducted on the Eaglerock Lake South Group was successful in outlining a number of HLEM conductors. All have been marked and labelled A through J and can be found on the three HLEM profile plan map in the back pocket of this report.

The magnetics within central portion of the survyed area appear to be fairly erratic, with strong highs flanked by lows, making it difficult to trace trends for any distance. This suggests the presence of a complex geological enviroment, possibly the result of tight folding combined with breaks or offsetting from cross-structures.

Most of the HLEM conductors detected show fairly strong responses, all with strike lengths of less than 250 meters. Again this may be the result of tight folding of infuence from cross-structures. With the exception of zone J, all show very strong responses making them difficult to prioritize. Any depth to source or conductivity calculations are made difficult because the zone occur in such close proximity.

With the limited amount of information available at the time of writing, one can only conclude that due to the encouraging base metal values reported by Noranda, all of the conductors outlined should be further tested.

RECOMMENDATIONS AND CONCLUSIONS

The geophysical program carried out on the Eagle Rock Lake South Group was successful in outlining a number of conductors, all of which require follow-up work. As mentioned under results it would appear that the property is underlain by a geological enviroment far more complex that that shown by Map 2385 (Figure #4). It may be that some HLEM conductors are extentions or offsets of others. Since significant base metal vale\ues have been roported by Noranda the source of all the zones outlined should be explained.

The conductor axis for most of the zones have been defined enough that they could be tested with diamond drilling at this point in time. However, due their complexity, it may be advantageuos to compile additional geological or geophysical information before this is done.

During this work program a fair amount of outcropping was observed, therefore if additional information is required, one of the first phases should be detailed geological mapping. In addition to this, a multi-component, large loop EM survey would be recommended. The compilation of the current data set, combined with that recommended, might help resolve many of the zones in question

Work carried out by Noranda has shown that the claim group is situated within a favourable base metal geological enviroment. If warrented, any unresolved zones should be tested with a diamond drill program.

CERTIFICATION

I, Steve Anderson of Timmins, Ontario hereby certify that:

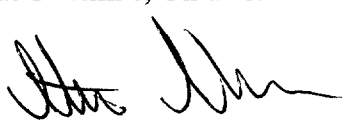
1. I hold a three-year Technologist Diploma from Sir Sandford College, Lindsay, Ontario, obtained in May 1981.

2. I have been practising my profession since 1979 in Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, NWT, Manitoba Saskatchewan and Greenland.

3. I have been employed directly with Asamera Oil Inc., Urangellschaft Canada Ltd., Nanisivik Mines Ltd., R.S. Middleton Exploration Services Ltd., Rayan Exploration Ltd and am currently an owner of Vision Exploration.

4. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the fieldwork conducted on the property during 1998.

Dated this 2nd day of September 1998
at Timmins, Ontario.



APPENDIX A
GEM GSM-19 MAGNETOMETER

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.

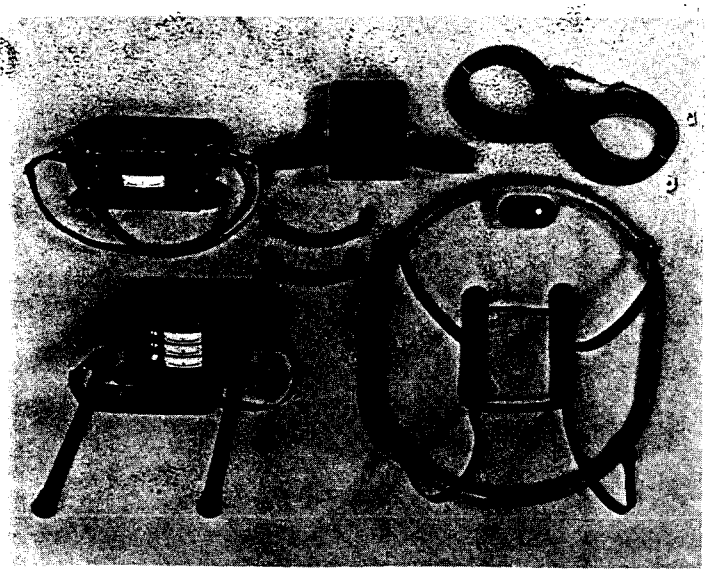
VLF

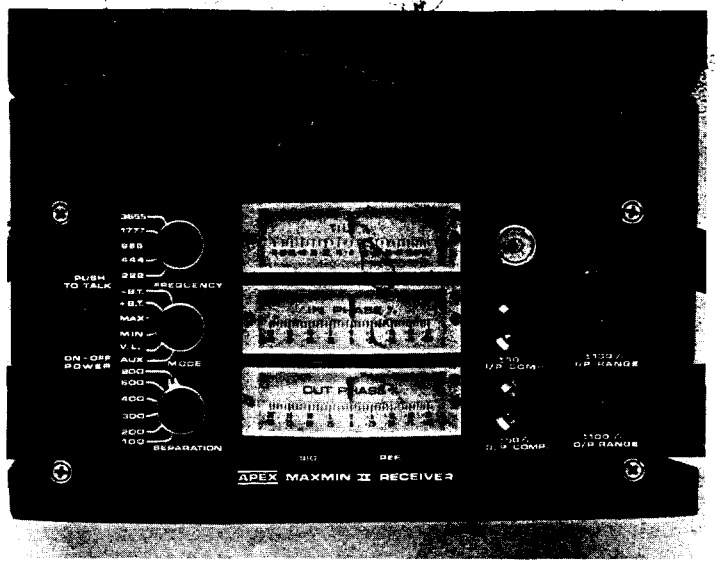
Frequency Range:	15 - 30.0 kHz.
Parameters Measured:	Vertical In-phase and Out-of-phase components as percentage of total field. 2 components of horizontal field. Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic 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).

APPENDIX B
APEX MAX MIN II

APEX MAXMIN II PORTABLE EM

- Five frequencies: 222, 444, 888, 1777 and 3555 Hz.
- Maximum coupled (horizontal-loop) operation with reference cable.
- Minimum coupled operation with reference cable.
- Vertical-loop operation without reference cable.
- Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.
- Reliable data from depths of up to 180 m (600 ft).
- Built-in voice communication circuitry with cable.
- Tilt meters to control coil orientation.





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

Parameters 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: 0.5 %. Tilt: 1%

Repeatability: ± 0.5% to ±1% normally, depending on conditions, frequencies and coil separation used.

Transmitter Output:
- 222 Hz : 175 Atm^2
- 444 Hz : 160 Atm^2
- 888 Hz : 100 Atm^2
- 1777 Hz : 60 Atm^2
- 3555 Hz : 30 Atm^2

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

Transmitter Batteries: 12V 7.5Ah Gel-Cell rechargeable batteries (2 × 6V in series).

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

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

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

Temperature Range: -40°C to +60°C (-40°F to +140°F).

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 13kg (29 lbs.)

Shipping Weight: 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.

APEX PARAMETRICS LIMITED
200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612 Cables: APEXPARA TORONTO Telex: 06-966773 NORDVIK TOR

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): W9870.00535
Assessment Files Research Imaging

41I16NE2001 2.18834 SCHOLES 900

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the
eview the assessment work and correspond with the mining land holder.
Recorder, Ministry of Northern Development and Mines, 6th Floor,

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

2.18834

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

Name: Temex Resources Ltd.	Client Number: 303055
Address: 4307 Kerry Drive, Unit 100	Telephone Number: 905-631-9953
Burlington, Ontario L7L 1V8	Fax Number: 905-631-8213
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

		Office Use
Work Type: Linecutting - 34.0 km; Total Field Magnetometer Survey - 34.0km; VLF-EM Survey - 29.8 km		Commodity
		Total $ Value of Work Claimed: 26,732
Dates Work Performed: From 1 (Day) 7 (Month) 98 (Year) To 30 (Day) 7 (Month) 98 (Year)		NTS Reference
Global Positioning System Data (if available)	Township/Area: Aftan @ Scholes Twp	Mining Division: Sudbury
	M or G-Plan Number: G-2900 @ G-2834	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: Vision Exploration	Telephone Number
Address: 170 Second Avenue, Timmins, Ontario, P4N 1G1	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
SEP 15 1998
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Daniel Peter Bernier (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: Daniel P. Bernier		Date: Sept 10/98
Agent's Address: 561 Orchard Drive Ontario L6K 1N9	Telephone Number: 905 821-4444	Fax Number: 905-821-6560
Oakville		DEC 14 1998

+ Amendment
W9870.00535

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

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	1211626	8	$8431.08	$6,400	$1697.40	$333
2	1211627	4	$582.40	$1600	$0	$0
3	1211628	2	$2007.10	$800	$1207.10	$0
4	1211629	4	$0	$1600	$0	$0
5	1211630	2	$599.40	$800	$0	$0
6	1211631	2	$0	$800	$0	$0
7	1211632	4	$3685.35	$1600	$2085.35	$0
8	1211633	4	$4790.95	$1600	$3190.95	$0
9	1211634	6	$0	$2400	$0	$0
10	1211688	3	$2670.10	$1200	$1470.10	$0
11	1217947	2	$0	$800	$0	$0
12	1217948	5	$188.70	$2000	$0	$0
13	1217952	8	$987.40	$3200	$0	$0
14	1217957	1	$0	$ 0	$0	$0
15	1219179	1	$628.45	$400	$228.45	$0
16	1219186	1	$1304.80	$400	$904.80	$0
17	1219192	1	$857.95	$400	$457.95	$0
		Column Totals	$26,733.08	$26,400	$11 242.10	$333

I, Daniel Peter Burns (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: [signature] Date: Sept 12/98

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):

Credits to be cut back from Bank first followed by 1219192, 1211627, 1211634, ~~[illegible]~~, 1211688, 1211633, 1217947, 1217952, 1219186, 1211632, 1211630, 1217948, 1217952, 1211628, 1211627, 1211631, 1211626

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 (02/96)

Credits to be cut back from Bank first followed by ..., 1211627, 1211634, ~~1219179~~, 1211688, 1211633, 1217947, 1217952, 1219186, 1211632, 1219179, 1211630, 1217948, 1217952, 1211628, 1211627, 1211631, 1211626

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
RECEIVED SEP 15 1998	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9870.00535

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, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18834

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	59.4 km	$285/km	$16,929.00
VLF-EM Surveying	29.8 km	$65/km	$ 1937.00
Magnetometer Surveying	59.0 km	$65/km	$ 3835.00
HLEM-Surveying	11.7 km	$160/km	$ 1872.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Labour Supervision	5 days @ $125/day	$125/day	$625
Report Preparation	(Lump Sum)	$700/Report	$1400
Transportation Costs			
	249.2 km	$0.40/km	$ 99.68
Food and Lodging Costs			$36.00
		Total Value of Assessment Work	$26,733.68

RECEIVED
SEP 15 1998
10:30
GEOSCIENCE ASSESSMENT OFFICE

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 × 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, Daniel Peter Bunn (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 Senior Geologist for Tinex (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
	Sept 12 /98

0212 (02/96)

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

October 23, 1998

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

Dear Sir or Madam:

Submission Number: 2.18834

Subject: Transaction Number(s):		**Status**
	W9870.00535	Deemed 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 Bruce Gates by e-mail at gatesb2@epo.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

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

Correspondence ID: 12996

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18834

Date Correspondence Sent: October 23, 1998 **Assessor:** Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9870.00535	1211626	AFTON, SCHOLES	Deemed Approval	October 22, 1998

Section:
14 Geophysical EM
14 Geophysical MAG
14 Geophysical VLF

Correspondence to:
Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Daniel Bunner
OAKVILLE, ONTARIO, CANADA

TEMEX RESOURCES LTD.
BURLINGTON, ONTARIO

MAP SYMBOLOGY

Aerial Cableway
Boundary
- International
- Interprovincial
- District, Township Indian Reserve
- Approximate
- Lot, Concession
- Approximate
- Park Boundary

Bridge
- Road, Railroad

Building
Chimney
Cliff, Pit, Pile
Contours
- Interpolated
- Approximate
- Depression

Control Points
- Horizontal
- Vertical

Culvert
Falls
- Double line river

Fence, Hedge, wall
Feature Outline (construction features, etc.)
Flooded Land
Lock
Marsh or Swamp
Mast
Mine Head Frame
Outcrop

Pipeline (above ground)
Railroad
- Single Track
- Double Track
- Abandoned
- Turntable

Road
- Highway, County Township
- Access (road of doughtful maintenance or significant driveway)
- Trail, Bush Road (portage, ditty)

Rapids
- Double line river with multiple rapids
- Double line river with multiple falls

Reservoir
River, Stream, Canal
- Approximate (seasonal)
- Direction of Flow

Rock
- Significant
- Shoal

Spot Elevation (Rock elevations) 300.0
Tower
Transmission Line
- Poles
- Pylons

Tunnel
Utility Poles
Wharf, Dock, Pier
Wooded Area

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
	~~Sec. 35/90 SEC 36/80~~	0-3-22/96 ~~W-2/84~~	09/05/96 ~~46/5/84~~	M & S ~~M+S~~	195150 ~~198840~~
R4	SEC.35	W-5-42/98	NER 21/10/98	M+S	195150
R3	SEC.35/90	W-5-60/96	09/13/96	M & S	195150
R6	SEC 35/90	W-3-23/97	10/10/97	M+S	195150

R5 W — ARE A SET ME IN INTEREST OF PROTECTION BY THE CROWN AND WILL BE MAIN WITHDRAWN INDEFINITELY.

PROVINCIAL RECORDS OFFICE - SUDBURY
OCT 26 1998
DATE OF ISSUE

SKYLINE RESERVE (R5)

NOTICE

Pursuant to Section 35 of the Mining Act, R.S.O. 1990, the MINING AND SURFACE RIGHTS of the area shown as **SKYLINE RESERVE** and the land covered by the waters of **LAKE TEMAGAMI** as indicated on this map will be **RE-OPENED TO PROSPECTING AND STAKING OUT**. This Order comes into effect on **October 27, 1998 at 9:00 a.m.** Eastern Standard Time, which is equivalent to 9:00 a.m. local time. These lands will be subject to Ontario Regulation 150/95 made under the Mining Act "MLET CLAIMS STAKING ACTIVITY IN THIS AREA is subject to this new regulation. **MAJOR AMENDMENTS TO NORMAL STAKING PRACTICES HAVE BEEN IMPLEMENTED FOR THIS AREA.** To consult and understand these amendments prior to carrying out any staking in this designated area. For further information please contact the Provincial Recorder's Office at 1 888 415 9844.

PLEASE NOTE: THE ISLAND ON LAKE TEMAGAMI ARE WITHDRAWN AND WILL NOT OPEN TO PROSPECTING AND STAKING OUT

NOTICE

WORK PERMITS FOR MINERAL EXPLORATION ACTIVITY EFFECTIVE September 15TH 1998

The area known as **SKYLINE RESERVE** and the land covered by the waters of **LAKE TEMAGAMI** on this map will be subject to Ontario Regulation 349/98 made under the Public Lands Act. Depending on the type and timing of your exploration work you may require a Work Permit. For further information please contact Gerhard Muecke, Regional Resident Geologist at (705) 567-9242 or Jim Ireland, Regional Manager at (705) 235-1612.

43I16NE2001 2.18834 SCHOLES 200

BELFAST TWP.

AFTON TWP.

PHYLLIS TWP.

CLEMENT TWP.

ISLAND 8 PART OF CLEMENT TWP.

Obabika Lake
Mitchell Lake
Cummings Lake
Gull Lake
Crest Lake
Longbow Lake
Turtleshell Lake
Clearcut Lake
Boulderock Lake
Beaver Dam
Hoover Dam

2.18834
Em, M+S
VLC

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	SYMBOL
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
RESERVATION	R
CANCELLED	⊗
SAND & GRAVEL	R
REMOTE TOURIST SET-UP	RTS

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

500 Metres 0 1000 Metres
10 Chains 0 10 20 30 40 50 60 70 Chains
500 Feet 0 1000 2000 3000 4000 5000 Feet

SCALE 1:20 000
GRID ZONE 17

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.

TOWNSHIP

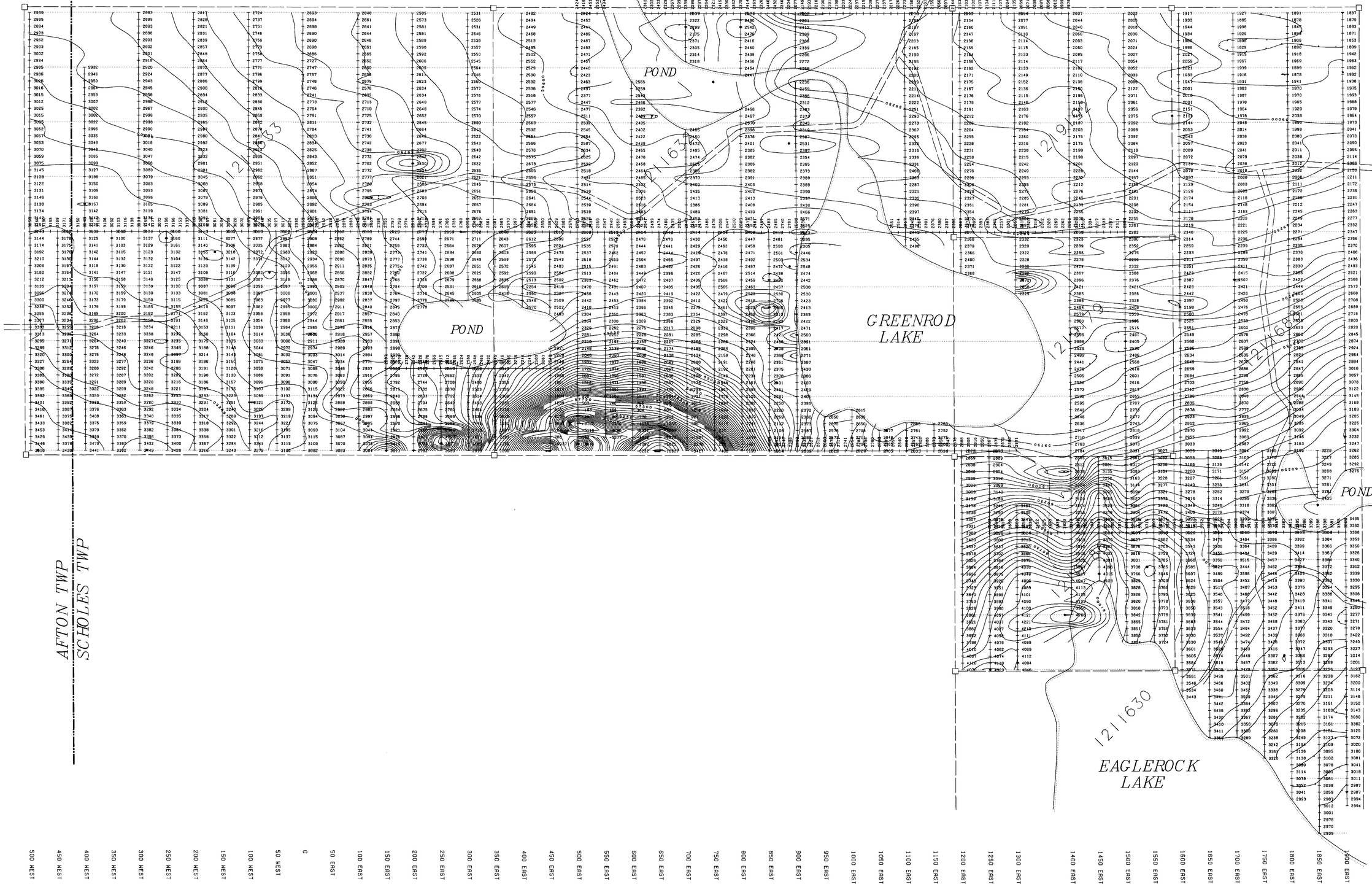
SCHOLES

M.N.R. ADMINISTRATIVE DISTRICT
NORTH BAY / TEMAGAMI
MINING DIVISION
SUDBURY
LAND TITLES / REGISTRY DIVISION
NIPISSING

Ontario Ministry of Natural Resources — Land Management Branch

Original Compilation	AUGUST, 1985	Number
Revised		G-2834

G-2834 SCHOLES TWP.



2.18834

TOPO LEGEND

- SHORE LINE
- ROAD
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- TWP LINE

LEGEND

INSTRUMENT: GEM GSM-19 PROTON PRECESSION MAGNETOMETER
PARAMETERS MEASURED: EARTH'S TOTAL MAGNETIC FIELD (NANO-TESLAS)
READING INTERVAL: 12.5 M
CONTOUR INTERVAL: 50 nT.
DIURNAL CORRECTION METHOD: RECORDING GEM GSM-19 BASE STATION
DATUM SUBTRACTED FROM ALL PLOTTED READINGS: 57000nT

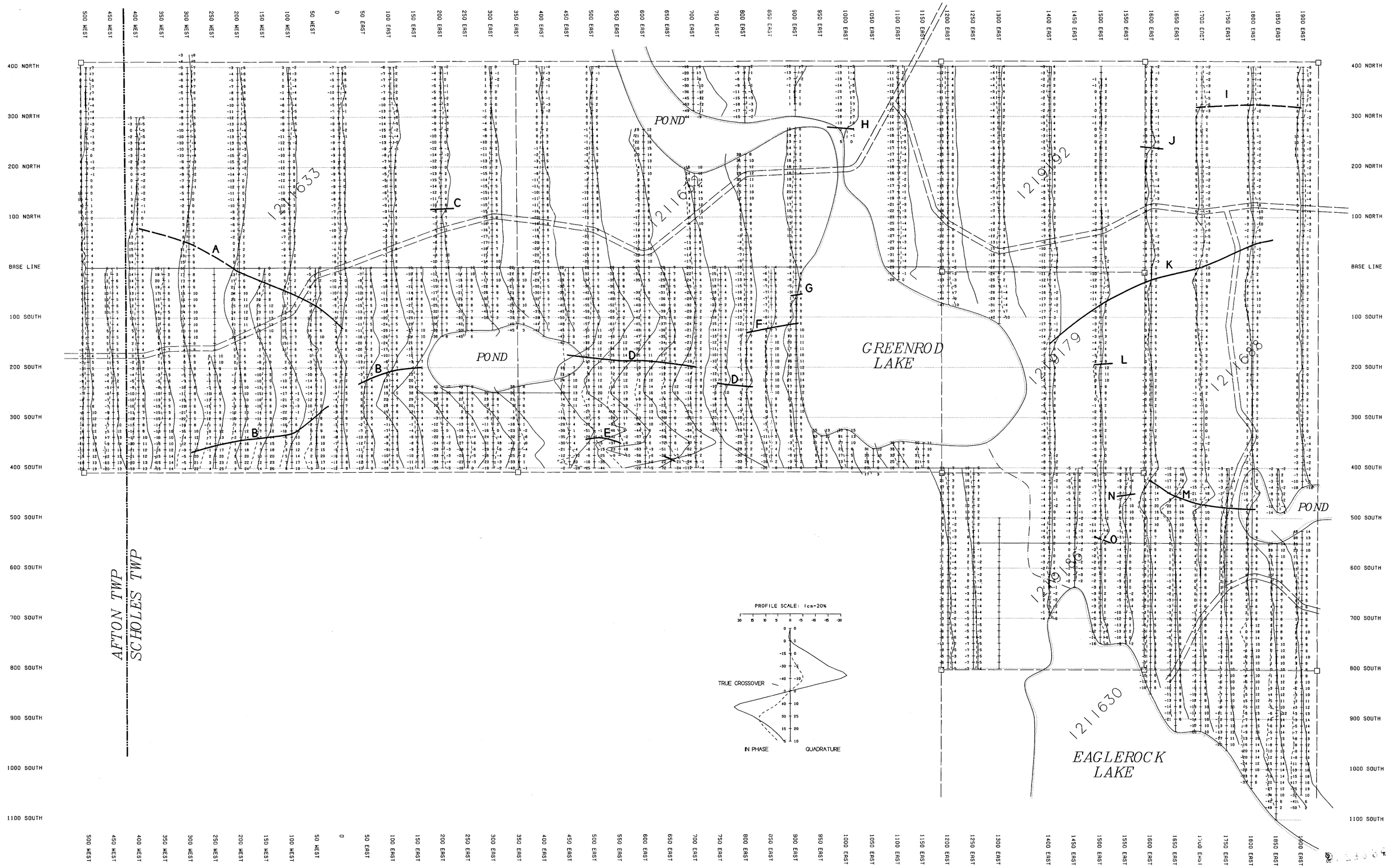
1Ø0 Ø 5Ø 1Ø0

Client: TEMEX RESOURCES LTD
Property: EAGLE ROCK CLAIM GROUP NORTH GRID
Title: POSTED AND CONTOURED TOTAL FIELD MAGNETOMETER SURVEY

Processed: SDA	Checked: SDA
Date: JULY 1998	Township: SCHOLES/AFTON
Province: ONTARIO	N.T.S.:
Scale: 1:2500	Drawing: V-37

VISION EXPLORATION
TIMMINS ONTARIO

41114982001 2:18834 SCHOLES



PROFILE SCALE: 1cm=20%

TOPO LEGEND

- SHORE LINE
- ROAD
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- TWP LINE

SURVEY DIRECTION
TRANSMITTER NAA CUTLER MAINE (APPROX.)

LEGEND

INSTUMENT: GEONICS EM-16 VLF
PARAMETERS MEASURED: IN-PHASE AND QUADRATURE
READING INTERVAL: 12.5M
ALL READINGS TAKEN FACING APPROX. NORTH
STATION: CUTLER MAINE NAA-24.0 KHZ.
PROFILE SCALE: 1cm=20%

100 0 50 100

Client: TEMEX RESOURCES LTD
Property: EAGLE ROCK CLAIM GROUP NORTH GRID
Title: POSTED AND PROFILED VLF-EM SURVEY CUTLER NAA 24.0 KHz
Processed: SDA | Checked: SDA
Date: JULY 1998 | Township: SCHOLES/AFTON
Province: ONTARIO | N.T.S.:
Scale: 1:2500 | Drawing: V-37
VISION EXPLORATION TIMMINS ONTARIO

41116NE2001 2.18834 SCHOLES 220

SCHOLES TOWNSHIP

CLAIM # 1211626

CLAIM # ~~1217948~~ 1211628 (DRE)

1217948 (DRE)

CLAIM # 1211627

CLAIM # 1217952

EAGLE ROCK LAKE

POND

POND

LAKE

POND

OLD ROAD

BASE LINE

800 NORTH
700 NORTH
600 NORTH
500 NORTH
400 NORTH
300 NORTH
200 NORTH
100 NORTH
100 SOUTH
200 SOUTH
300 SOUTH
400 SOUTH
500 SOUTH

1200 WEST
1150 WEST
1100 WEST
1050 WEST
1000 WEST
950 WEST
900 WEST
850 WEST
800 WEST
750 WEST
700 WEST
650 WEST
600 WEST
550 WEST
500 WEST
450 WEST
400 WEST
350 WEST
300 WEST
250 WEST
200 WEST
150 WEST
100 WEST
50 WEST
0
50 EAST
100 EAST
150 EAST
200 EAST
250 EAST
300 EAST
350 EAST
400 EAST

2.18834

100 0 50 100

TOPO LEGEND

- SHORE LINE
- ROAD
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- TWP LINE

LEGEND

INSTRUMENT: GEM GSM-19 PROTON PRECESSION MAGNETOMETER
PARAMETERS MEASURED: EARTH'S TOTAL MAGNETIC FIELD (NANO-TESLAS)
READING INTERVAL: 12.5 M
CONTOUR INTERVAL: 50 nT.
DIURNAL CORRECTION METHOD: RECORDING GEM GSM-19 BASE STATION
DATUM SUBTRACTED FROM ALL PLOTTED READINGS: 57000nT

Client: TEMEX RESOURCES LTD
Property: EAGLE ROCK CLAIM GROUP SOUTH GRID
Title: POSTED AND CONTOURED TOTAL FIELD MAGNETOMETER SURVEY

Processed: SDA	Checked: SDA	VISION EXPLORATION
Date: JULY 1998	Township: SCHOLES	TIMMINS ONTARIO
Province: ONTARIO	N.T.S.:	
Scale: 1:2500	Drawing: V-37	

41210NE2001 2.18834 SCHOLES 230

SCHOLES TOWNSHIP

CLAIM # 1211626

CLAIM # ~~1217948~~ 1211628 (D.F.S.)

1217948 (D.F.S.)

CLAIM # 1211627

CLAIM # 1217952

EAGLE ROCK LAKE

POND

POND

POND

LAKE

OLD ROAD

BASE LINE

A B C D E F G H I J K

100 NORTH 200 NORTH 300 NORTH 400 NORTH 500 NORTH 600 NORTH 700 NORTH 800 NORTH

100 SOUTH 200 SOUTH 300 SOUTH 400 SOUTH 500 SOUTH

1200 WEST 1150 WEST 1100 WEST 1050 WEST 1000 WEST 950 WEST 900 WEST 850 WEST 800 WEST 750 WEST 700 WEST 650 WEST 600 WEST 550 WEST 500 WEST 450 WEST 400 WEST 350 WEST 300 WEST 250 WEST 200 WEST 150 WEST 100 WEST 50 WEST 0 50 EAST 100 EAST 150 EAST 200 EAST 250 EAST 300 EAST 350 EAST 400 EAST

PROFILE SCALE: 1cm-20%

40 30 20 10 0 10 20 30 40

CONDUCTOR AXIS

IN PHASE QUADRATURE

2.18834

1ØØ Ø 5Ø 1ØØ

TOPO LEGEND

SHORE LINE
ROAD
CLAIM POST ASSUMED
CLAIM POST LOCATED
CLAIM LINE
TWP LINE

LEGEND

METHOD: Horizontal Loop
MODE: Maximum Coupled
INSTRUMENT: Apex Max-Min II
SERIAL No. 1040
COIL SEPARATION: 100 Metres
READING INTERVAL: 25 Metres
FREQUENCY: 444 Hz.
CONDUCTOR AXIS
GOOD
MEDIUM
POOR

Client: TEMEX RESOURCES LTD

Property: EAGLE ROCK CLAIM GROUP SOUTH GRID

Title: POSTED AND PROFILED HLEM SURVEY 444 Hz

Processed: SDA	Checked: SDA
Date: JULY 1998	Township: SCHOLES
Province: ONTARIO	N.T.S.:
Scale: 1:2500	Drawing: V-37

VISION EXPLORATION
TIMMINS ONTARIO

240 41214MB2001 2.18834 SCHOLES

SCHOLES TOWNSHIP

CLAIM #
1211626

CLAIM #
~~1217948~~
1211628 DPB

1217948 DPB

CLAIM #
1211627

CLAIM #
1217952

EAGLE ROCK
LAKE

POND

POND

POND

LAKE

OLD ROAD

BASE LINE

A B C D E F G H I J K

PROFILE SCALE: 1cm-20%

CONDUCTOR AXIS

IN PHASE QUADRATURE

2.18834

TOPO LEGEND

SHORE LINE
ROAD
CLAIM POST ASSUMED
CLAIM POST LOCATED
CLAIM LINE
TWP LINE

LEGEND

METHOD: Horizontal Loop
MODE: Maxmum Coupled
INSTRUMENT: Apex Max-Min I
SERIAL No. 1040
COIL SEPARATION: 100 Metres
READING INTERVAL: 25 Metres
FREQUENCY: 1777 Hz.
CONDUCTOR AXIS
GOOD
MEDIUM
POOR

Client: TEMEX RESOURCES LTD

Property: EAGLE ROCK CLAIM GROUP SOUTH GRID

Title: POSTED AND PROFILED
HLEM SURVEY 1777Hz

Processed: SDA	Checked: SDA
Date: JULY 1998	Township: SCHOLES
Province: ONTARIO	N.T.S.:
Scale: 1:2500	Drawing: V-37

VISION EXPLORATION
TIMMINS ONTARIO

SCHOLES TOWNSHIP

CLAIM # 1211626

CLAIM # 1217948 ~~1217948~~ 1211628 DPS 1217948 DPS

CLAIM # 1211627

CLAIM # 1217952

EAGLE ROCK LAKE

POND

POND

LAKE

POND

OLD ROAD

BASE LINE

100 NORTH

200 NORTH

300 NORTH

400 NORTH

500 NORTH

600 NORTH

700 NORTH

800 NORTH

100 SOUTH

200 SOUTH

300 SOUTH

400 SOUTH

500 SOUTH

1200 WEST 1150 WEST 1100 WEST 1050 WEST 1000 WEST 950 WEST 900 WEST 850 WEST 800 WEST 750 WEST 700 WEST 650 WEST 600 WEST 550 WEST 500 WEST 450 WEST 400 WEST 350 WEST 300 WEST 250 WEST 200 WEST 150 WEST 100 WEST 50 WEST 0 50 EAST 100 EAST 150 EAST 200 EAST 250 EAST 300 EAST 350 EAST 400 EAST

A B C D E F G H I J J K

PROFILE SCALE: 1cm-20%

40 30 20 10 0 -10 -20 -30 -40

CONDUCTOR AXIS

2.18834

IN PHASE QUADRATURE

1ØØ Ø 5Ø 1ØØ

TOPO LEGEND

- SHORE LINE
- ROAD
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- TWP LINE

LEGEND

METHOD: Horizontal Loop
MODE: Maximum Coupled
INSTRUMENT: Apex Max-Min II
SERIAL No. 1040
COIL SEPARATION: 100 Metres
READING INTERVAL: 25 Metres
FREQUENCY: 3555 Hz.
CONDUCTOR AXIS
GOOD
MEDIUM
POOR

Client:	TEMEX RESOURCES LTD
Property:	EAGLE ROCK CLAIM GROUP SOUTH GRID
Title:	POSTED AND PROFILED HLEM SURVEY 3555Hz
Processed: SDA	Checked: SDA
Date: JULY 1998	Township: SCHOLES
Province: ONTARIO	N.T.S.:
Scale: 1:2500	Drawing: V-37

VISION EXPLORATION TIMMINS ONTARIO

260 SCHOLES 2.18834 41216NE2001