42A01SE0188 2.8789 EBY

010

# GEOPHYSICAL AND GEOLOGICAL SURVEY REPORT

ON

## ANDY'S CLAIM

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

FOR

ANDY ANDERSON

RECEIVED
JAN - 9 1986
MINING LANDS SECTION

JANUARY 6, 1986

MARY GREER
GEOLOGICAL TECHNICIAN

42A01SE0188 2.8789 EBY

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Location Map - (Figure 1b). . . . . 2 b)

Accompanying Plan Maps . . . . . In Back Pocket

Scale: 1 inch to 200 feet

Date: January, 1986

Andy's Claim

Ground VLF-EM Survey

Map No. 85-AA-1a

Ground VLF-EM Survey

Map No. 85-AA-1b

Ground Magnetometer Survey

Map No. 85-AA-2

Geological Survey

Map No. 85-AA-3

# GEOPHYSICAL AND GEOLOGICAL SURVEY REPORT

ON

ANDY'S CLAIM

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

## INTRODUCTION

Andy's Claim was recorded by John Duncan on December 17, 1984.

During the period of November 25 to December 8, 1985, four surveys were completed, including two electromagnetic surveys, using Cutler, Maine (NAA) and Annapolis, Maryland (NSS). A geomagnetic survey was also performed as well as a geological survey.

The surveys were supervised by Mary Greer with Alexander H. Perron of Kirkland Lake, Ontario, and John Duncan of Swastika, Ontario, assisting.

All drafting and interpretation was performed by Mary Greer.

The purpose of this report is to briefly describe the results attained in said surveys.

The results obtained are shown on the accompanying plan maps, at a scale of one inch to 200 feet, that form an integral part of this report.

## PROPERTY DESCRIPTION

Andy's Claim consists of one unpatented mining claim located in Eby township, NW 1/4 N 1/2, Lot 7, Concession V, Larder Lake Mining Division,

District of Timiskaming, Ontario, and is described as claim number L-821785.

Ownership of the aforementioned claim has been attested to by Andy Anderson, General Delivery, Kirkland Lake, Ontario, and was not independently ascertained by the writer. (See figure 1a).

## LOCATION AND ACCESS

The Eby Claim is located in the central part of Eby Township, south of Kenogami Lake, on the NW 1/4 N 1/2, Lot 7, Concession V.

The claim is eleven (11) miles west from the town of Kirkland Lake, Ontario, on Highway No. 66, then two (2) miles west on the Eby Concession V line. (See Figure 1a and 1b).

## SURVEY PROCEDURE

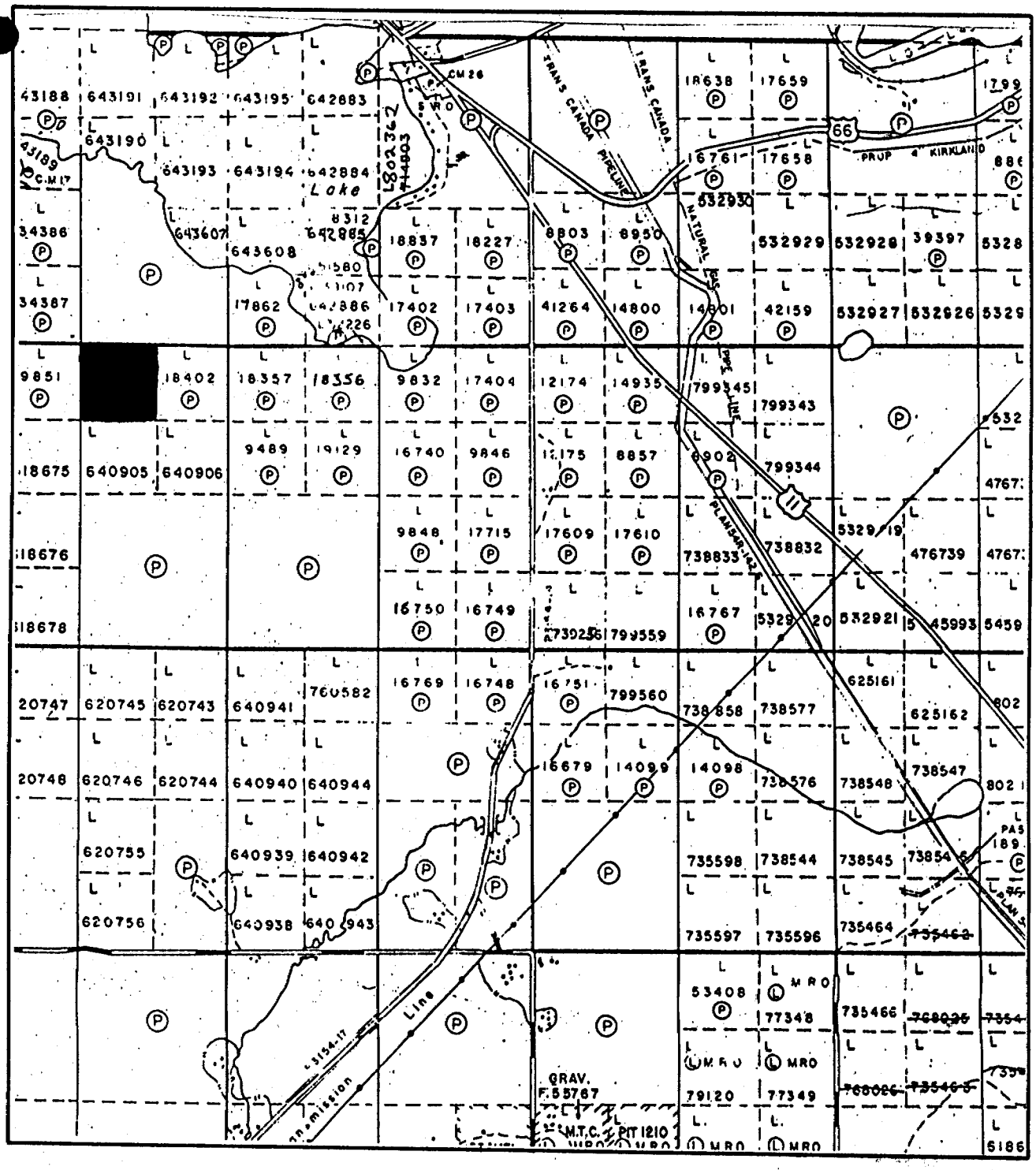
A baseline was cut west along the north claim line for 1,320' from the No. 1 post. This baseline was tied into lines previously cut over Andy Anderson's Claim. These lines were recut and remarked.

All surveys followed these lines, picketed in 25 meter intervals.

All 25 meter stations were read.

The geological survey was conducted by Mary Greer with John Duncan assisting, all lines were traversed and points of interest were joined by pace and compass between the lines.

The electromagnetic surveys were conducted separately by John Duncan

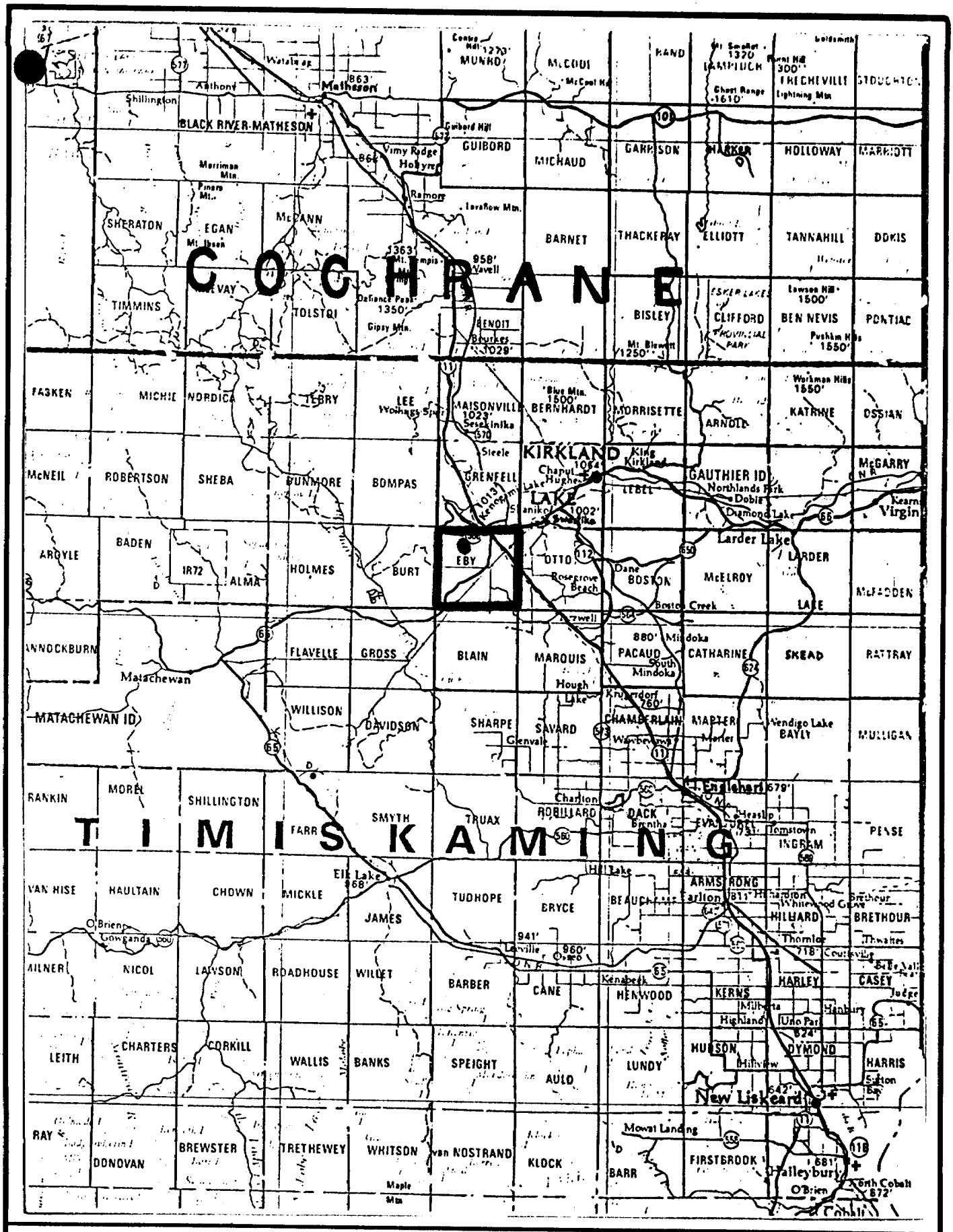



# Claim Location Map

## Scale: 1 inch to 1/2 mile

(Taken from a Mar. 1985 claim map)

Figure 1a




# Location Map

Miles 10 0 10 20

Figure 1b

NAA, and Mary Greer NSS. The NAA survey was performed facing north and the NSS survey performed facing east. Topographical features were noted by Mary Greer for future use in the interpretation of both EM surveys.

The Magnetic survey was performed by Alexander H. Perron. The baseline was also read at 100 foot stations. A control station was established at BL 0+00 and any magnetic diurnal was calculated by time vs drift graph and a programmed Commodore Computer.

## TOPOGRAPHY

The claim is covered by mixed bush of poplar, spruce, and balsam fir, also alder and larch in the centre of the claim. A small area of outcrop is found in the northeast corner of the claim. The southern boundary is also higher with some outcrop. The centre claim area is generally low, wet with very poor bush.

## GENERAL GEOLOGY

The O.D.M. Geological Report No. 99, Geology of the Eby and Otto Area, District of Timiskaming, indicates that the underlying bedrock is predominantly mafic metavolcanics. The meta sediments of the Kirkland Lake-Larder Lake break occur to the north of the property, below Kenogami Lake.

## ECONOMIC GEOLOGY

Gold is known to occur in carbonate rocks and these rocks are not confined to the area of the Kirkland-Larder Lake break area. These carbonate zones can be found by detailed geological mapping and magnetic surveys for formations under the overburden. The zones will form low areas between the magnetic highs that show up other formations such as iron formations.

## INSTRUMENTATION

i) Electromagnetic Survey:

The VLF-EM method uses as a source, one of the main submarine communications transmitters in the 15 to 25 kHz band found throughout the world. These submarine communication radio waves travel in a single mode parallel to the surface of the earth along the earth-air interface.

Without vertical conductors and travelling over flat ground, the magnetic field component of this radio or surface wave is horizontal and perpendicular to it's direction of travel.

VLF instruments are capable of picking up these structures that change the direction of the waves by measuring the tilt angle of the major axis of the polarization ellipse. This is illustrated by the tilt angle being zero on flat ground, but when a conductor is present the tilt angle will acquire a finite value. The direction of tilt indicates the direction of the conductor. Claculations of such parameters as depth, depth extent, dip and width of the conductor is very minimal.

The VLF easily illustrates the location of the upper limit of dipping structures which can be seen or plotted as VLF profiles as areas of greatest change in tilt angle per unit of distance.

The instrument used for this survey was a Geonics VLF-EM16 unit. The sensitivity of this unit is $\pm$ 1% for the in-phase and $\pm$ 1% for the quadrature. The operation frequency for the EM16 is from 15 - 25 kHz and the station selection is made by plug-in units.

For the purpose of this survey two stations were used, Cutler, Maine, which has frequency of 24.0 kHz, and Annapolis, Maryland, which has a frequency of 21.4 kHz.

All readings were taken perpendicular to the stations and the topography was noted for further use in the interpretation of the EM results.

ii) Magnetic Survey:

This system uses a backward motion of spinning protons of a hydrogen atom within a fluid of hydrogen and carbon. These spinning magnetic protons are caused to have two opposite poles by applying a magnetic field using a current within a coil of wire. When the current is stopped, the protons precess about the earth's magnetic field and in turn generate a small current in the wire. This frequency of precession is proportional to the earth's total magnetic field.

This instrument is read directly in gammas which is the absolute value of the earth's total field for that station.

The instrument used for this survey was a McPhar GP-81 Proton Magnetometer, this instrument has a one gamma sensitivity.

The diurnal variation was monitored by closing each loop at any secondary check station.

Diurnal corrections were applied by linear distribution of any observed diurnal variation over the time between base stations. The

corrections were calculated by using a programmed Commodore Computer.

## PRESENTATION AND DISCUSSION OF GEOPHYSICAL SURVEYS

1) Electromagnetic Survey:

The field data is presented on a map at a horizontal scale of 1 inch to 200 feet, Map No. 85-AA-1a, and Map No. 85-AA-1b, found in the back pocket of this report.

The VLF-EM data is illustrated as profiled data along the survey lines and is plotted at a vertical scale of one inch = $\pm$ 40% with the in-phase to the left and quadrature to the right.

i) NAA - Cutler, Maine - Map No. 85-AA-1a

A conductor was found crossing the centre of the claim showing fairly good strength. The quadrature may indicate a structure at depth. The centre line shows an irregular inphase which may indicate a parallel anomaly.

ii) NSS - Annapolis, Maryland - Map No. 85-AA-1b

The conductors found by the NAA station was also found by using NSS. The irregular pattern noted on the centre line of the NSS survey was stronger and shows a parallel conductor at depth not noted by the NAA survey.

2) Magnetic Survey:

The field data is presented on a map at a horizontal scale of one inch to 200 feet, Map No. 85-AA-2.

The magnetic data is illustrated at isomagnetic values recorded at each station.

A magnetic low occurring in two parallel bands were found to cross the property from the west to the east. A high is found between these two low magnetic areas. To the North and South of these parallel lows, the magnetics are fairly consistent, gently getting stronger to the north and east and weaker to the southwest.

## CONCLUSIONS FOR THE GEOPHYSICAL SURVEYS

There appears to be a general relation between the parallel lows and the conductors picked up by the EM surveys. This also has some relation to the general strike of the underlying bedrock.

## PRESENTATION OF GEOLOGICAL FIELD OBSERVATIONS

The field data is presented on a map at a horizontal scale of one inch to 200 feet, Map No. 85-AA-3, found in the back pocket of this report.

For the purpose of this presentation, the topography will be described in greater detail.

i) Topography:

Andy's Claim is primarily mixed bush with areas of concentrations of poplar, spruce, larch and alder. High ground of spruce occurs on the southern boundary and a right of way, which serves as a winter road, can be found on the northern boundary. Small outcrops were found in the centre of the claim and in the northeast corner.

ii) Geology:

The exposed outcrop found on Andy's Claim consists of andesite and basalt which appears to be a fine grained dark grey massive rock. Some minor areas of coarse grained textures with the same description was also found. A small diabase dyke was noted south of the #1 post, it showed ophitic texture and was a dark green black phaneric texture.

## CONCLUSION FOR THE GEOLOGICAL SURVEY

The rocks are a magnesium tholeiite which represent large lava flows of the Keewatin age. The coarse grained textures are the interior part of the lava flows.

## RECOMMENDATIONS

Further work should be considered for Andy's Claim, including trenching and stripping. A diamond drill program should also be considered with holes located by a professional geologist.

Respectfully submitted,

Mary Greer

January 6, 1986

Mary Greer
Geological Technician

# BIBLIOGRAPHY

Ontario Department of Mines and Northern Affairs

Geological Report 99

Geology of the Eby and Otto Area
District of Timiskaming

by H.L. Lovell - 1972

# CERTIFICATE

I, Mary Greer, of Kirkland Lake, Ontario, do hereby certify:

1) That I am a Geophysical Technician and reside at:
49 McKelvie Avenue, Kirkland Lake, Ontario, P2N 2K6

2) That I graduated from Sir Sandford Fleming College at Lindsay, Ontario, in 1978, with a diploma as a Geological Technician.

3) That I have been continuously engaged in my profession for the past six (6) years and I am qualified to write this report.

4) That I supervised and participated in this survey.

January 6, 1986
Date

Mary Greer
Mary Greer
Geophysical Technician

Lot 7

1150 1228 1082 1543 1466 1621 1336 1320 1284 1305 1311 1561 1935

1100 1270 1268 1264 1080 1264 1354 1425 1430 2280 1053 1240 1165 878 818 726

1527 1401 921 1201 1367 1500 1441 1540 1763 1240 900 1170 1198 1180 836 960

2244 1686 1334 1309 1133 1233 1110 1362 1482 1672 1058 1022 908 3023 1169 1692

L 821785

CONC.

200 W

100 W

00 +00

## SYMBOLS

Isomagnetic contours (1000)

Base station ▲

Claim post ■

Claim line — — — —

## INSTRUMENTATION

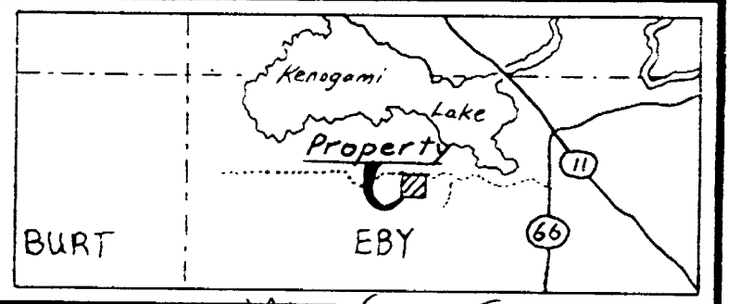
McPHAR GP-8

PROTON MAGNETOMETER

Contour interval 100 γ

## KEY MAP

(Scale: 1 inch to 2 miles)




Mary Greer

# ANDY'S CLAIM

## GROUND MAGNETOMETER SURVEY 28789

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

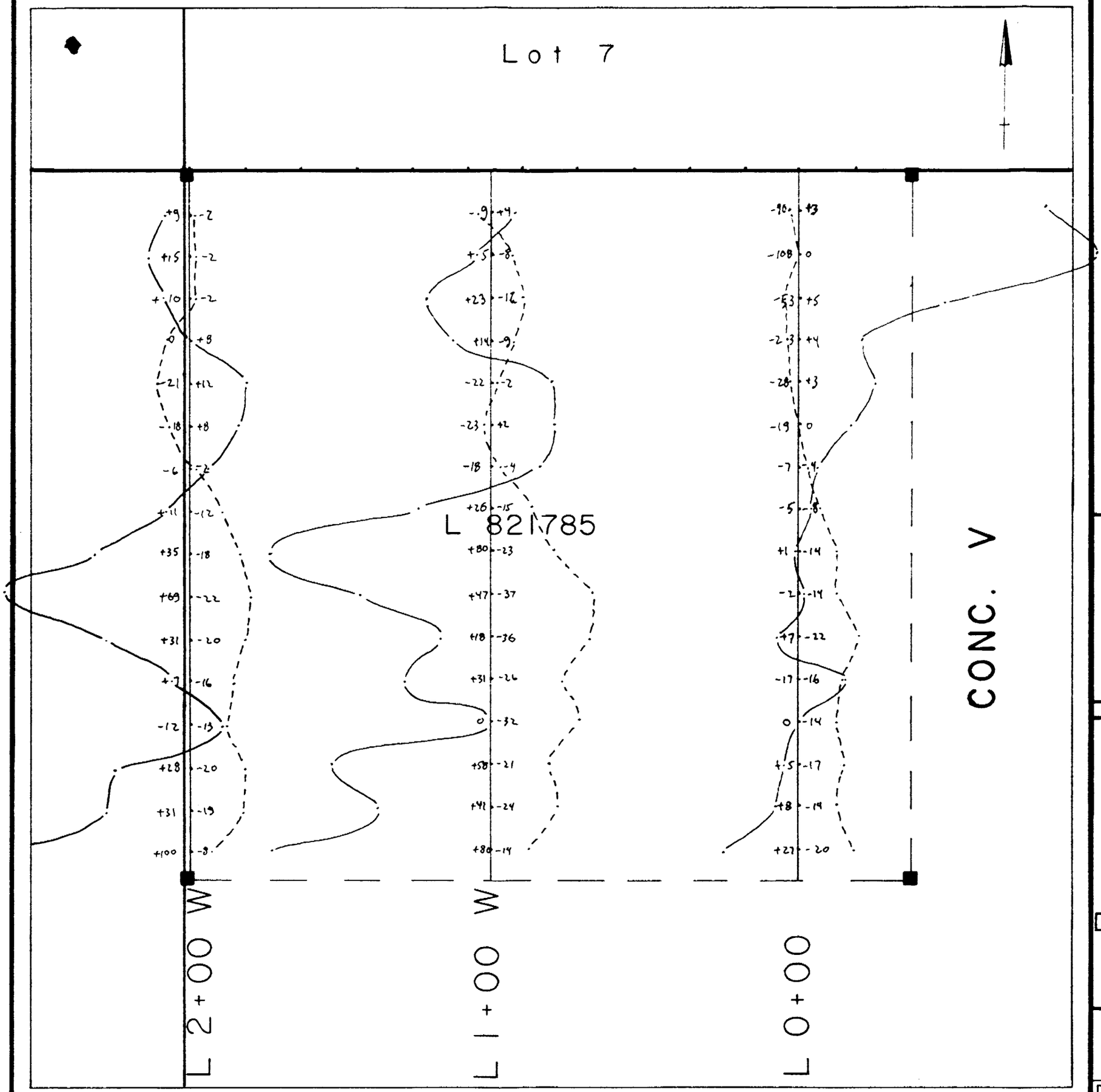
200 0 200 400

Scale: 1 inch to 200 feet

PERRONS

Kirkland Lake Canada

| Drawn by: Mary Greer | No.: 85-AA-2 | Date: January 1985 |
|---|---|---|




## SYMBOLS

In-phase

Quadrature

Claim line — — Claim post ■

## INSTRUMENTATION

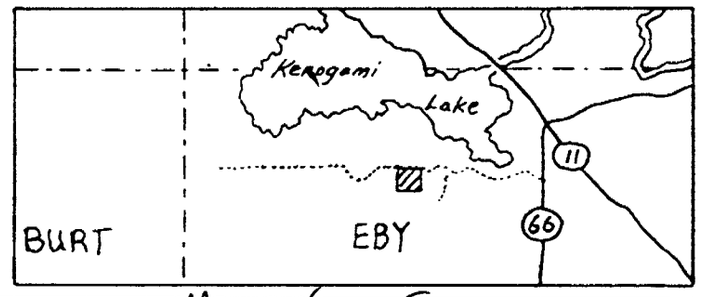
GEONICS VLF-EM16

Station used: NAA Cutler, Maine

Vertical scale: 1 inch = ±40%

## KEY MAP

(Scale: 1 inch to 2 miles)




Mary Greer

# ANDY'S CLAIM

## GROUND VLF-EM SURVEY 28789

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

200 0 200 400

Scale: 1 inch to 200 feet

PERRONS

Kirkland Lake Canada

| Drawn by: Mary Greer | No.: 85-AA-1a | Date: January 1985 |
|---|---|---|

Lot 7

L 821785

L 200 W

L 100 W

00 + 00

CONC.

## SYMBOLS

In-phase

Quadrature

Claim line — — Claim post ■

## INSTRUMENTATION

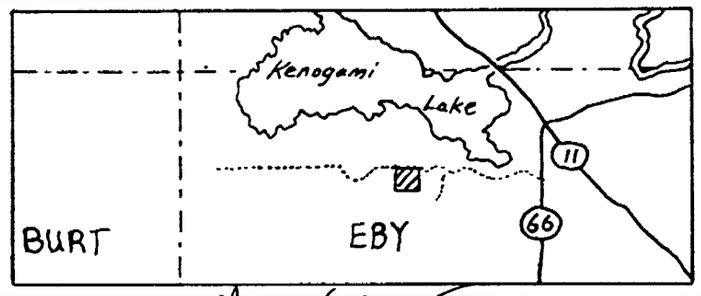
GEONICS VLF-EM16

Station used: NSS Annapolis

Vertical scale: 1inch= ±40%

## KEY MAP

(Scale: 1 inch to 2 miles)




Mary Greer

# ANDY'S CLAIM

## GROUND VLF-EM SURVEY 28789

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

200 0 200 400

Scale: 1inch to 200 feet

PERRONS

Kirkland Lake Canada

| Drawn by: Mary Greer | No.: 85-AA-16 | Date: January 1985 |
|---|---|---|

Lot 7

open right of way

Spruce and poplar

spruce

poplar

poplar and birch some Spruce

balsam fir

mixed bush

L 821785

alder

mixed bush

alder

Spruce

alder

spruce balsam fir

higher ground mainly spruce

larch

CONC. V

L 200 W

L 100 W

00 + 00

## SYMBOLS

- Outcrop
- Spruce, balsam fir
- Poplar, birch, Wet area
- Alder, High ground
- Access road
- Claim post — — Claim line

## LEGEND

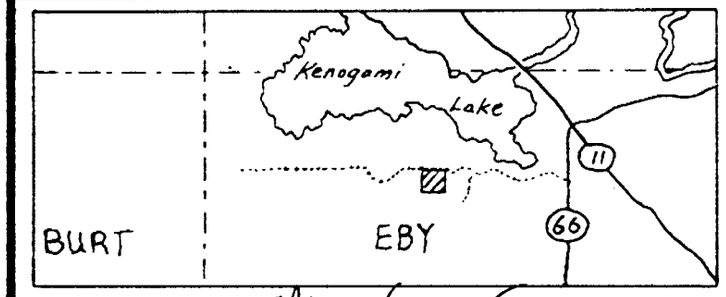
Diabase

Volcanics

Andesite, basalt

## KEY MAP

(Scale: 1 inch to 2 miles)




Mary Greer

# ANDY'S CLAIM

## GEOLOGICAL SURVEY

28789

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING, ONTARIO

200 0 200 400

Scale: 1 inch to 200 feet

PERRONS

Kirkland Lake Canada

| Drawn by: Mary Greer | No.: 85-AA-3 | Date: January 1985 |
|---|---|---|

42A01SE0188 2.8789 EBY

900

Mining Lands Section

File No 2.8789

Control Sheet

TYPE OF SURVEY

✓ GEOPHYSICAL

✓ GEOLOGICAL

____ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

S. Hurst

Signature of Assessor

Jan 17/86

Date

Ministry of Natural Resources
Ontario

# Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

#485/85
2.8789

Mining Act

Jan 28

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

| Type of Survey(s) | Township or Area |
|---|---|
| GEOPHYSICAL -Electromagnetic (NAA, NSS) -magnetic, GEOLOGICAL | EBY |

| Claim Holder(s) | Prospector's Licence No. |
|---|---|
| ANDY ANDERSON | K19450 |

Address: GENERAL DELIVERY, KIRKLAND LAKE, ONTARIO

| Survey Company | Date of Survey (from & to) | Total Miles of line Cut |
|---|---|---|
| PERRONS' | 25 11 85 (Day Mo. Yr.) 08 12 85 (Day Mo. Yr.) | 1 mile |

Name and Address of Author (of Geo-Technical report): MARY GREER - 103 Government Rd. E. Kirkland Lake Ont. P2N 1A9

## Credits Requested per Each Claim in Columns at right

| Special Provisions | | Days per Claim |
|---|---|---|
| For first survey: Enter 40 days. (This includes line cutting) | Geophysical - Electromagnetic | 40 |
| | Geophysical - Magnetometer | 20 |
| For each additional survey: using the same grid: Enter 20 days (for each) | Geophysical - Radiometric | |
| | Geophysical - Other | |
| | Geological | 40 |
| | Geochemical | |

| Man Days | | Days per Claim |
|---|---|---|
| Complete reverse side and enter total(s) here | Geophysical - Electromagnetic | |
| | Geophysical - Magnetometer | |
| | Geophysical - Radiometric | |
| | Geophysical - Other | |
| | Geological | |
| | Geochemical | |

| Airborne Credits | | Days per Claim |
|---|---|---|
| Note: Special provisions credits do not apply to Airborne Surveys. | Electromagnetic | |
| | Magnetometer | |
| | Radiometric | |

## Mining Claims Traversed (List in numerical sequence)

| Mining Claim Prefix | Mining Claim Number | Expend. Days Cr. |
|---|---|---|
| L | 821785 | |

| Mining Claim Prefix | Mining Claim Number | Expend. Days Cr. |
|---|---|---|
| | | |

LAND... RECEIVED DEC 9 1985 ...

RECEIVED
NOV 08 1986
MINING LANDS SECTION

Total number of mining claims covered by this report of work: 1

## Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

| Total Days Cr. Recorded | Date Recorded | Mining Recorder |
|---|---|---|
| 100 | DEC 9 1985 | |
| | Date Approved as Recorded | Branch Director |
| | 86.1.2 | |

Date: Dec. 9/85 — Recorded Holder or Agent (Signature): Mary Greer

## Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: MARY GREER 103 Government Rd. E Kirkland Lake, Ontario

Date Certified: Dec 9/85 — Certified by (Signature): Mary Greer

1362 (81/9)

Ontario

Ministry of Natural Resources

File _____

# GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOPHYSICAL -MAGNETIC -EM (NAA) -EM (NSS) GEOLOGICAL

Township or Area EBY

Claim Holder(s) ANDY ANDERSON
GENERAL DELIVERY, KIRKLAND LAKE, ONT.

Survey Company PERRONS

Author of Report MARY GREER, 49 MCKELVIE AVENUE,

Address of Author KIRKLAND LAKE, ONT. P2N 2K6

Covering Dates of Survey NOV. 25/85 TO DECEMBER 8/85
(linecutting to office)

Total Miles of Line Cut _____

**SPECIAL PROVISIONS CREDITS REQUESTED**

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

| | DAYS per claim |
|---|---|
| Geophysical | |
| --Electromagnetic | 40 |
| --Magnetometer | 20 |
| --Radiometric | |
| --Other | |
| Geological | 40 |
| Geochemical | |

**AIRBORNE CREDITS** (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: January 6, 1986 SIGNATURE: Mary Greer
Author of Report or Agent

Res. Geol. _____ Qualifications 2.4527

Previous Surveys

| File No. | Type | Date | Claim Holder |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**MINING CLAIMS TRAVERSED**
**List numerically**

| (prefix) | (number) |
|---|---|
| L- | 821785 |

If space insufficient, attach list

TOTAL CLAIMS 1

OFFICE USE ONLY

837 (5/79)

## GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

EM-NAA - 48
EM-NSS - 48

Number of Stations 62 Number of Readings MAGNETIC - 62

Station interval BL-100 FEET-PL-25 METERS Line spacing 170 METER

Profile scale 1 INCH = ± 40%

Contour interval 100 GAMMAS

**MAGNETIC**

Instrument MCPHAR GP-81 PROTON MAGNETOMETER

Accuracy – Scale constant 1 GAMMA

Diurnal correction method CLOSED LOOPS

Base Station check-in interval (hours) 15 MINS.

Base Station location and value BL 0+00 59835 GAMMAS

**ELECTROMAGNETIC**

Instrument GEONICS VLF-EM16

Coil configuration HORIZONTAL AND VERTICAL

Coil separation INFINITY

Accuracy ± 1%

Method: ☒ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency NSS-21-4 KHz ANNAPOLIS, MARYLAND NAA - 24.0 KHz CUTLER
(specify V.L.F. station)

Parameters measured INPHASE AND QUADRATURE

**GRAVITY**

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

**INDUCED POLARIZATION RESISTIVITY**

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

## SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

## RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

## OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

## AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

# GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

## SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

## ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

PERRONS

103 GOVERNMENT ROAD EAST - KIRKLAND LAKE, ONTARIO - P2N 1A9 - (705) 567-7057

January 6, 1986

Mr. Arthur Barr,
Lands Administration Branch,
Mining Lands Section,
Ministry of Natural Resources,
Room 6450, Whitney Block,
Queen's Park,
Toronto, Ontario
M7A IW3

Dear Sir:

RE: Geophysical & Geological Survey Report
Eby Township
Larder Lake Mining Division

Enclosed herewith please find a duplicate copy of the following:

- Report dated January 6, 1986, by Mary Greer entitled:

  Geophysical and Geological Survey Report
  Andy's Claim
  Eby Township
  Larder Lake Mining Division
  District of Timiskaming, Ontario

I trust this is the information required to correspond with the Report of Work filed concerning the above noted township.

Yours truly,

PERRONS

Mary Greer

Mary Greer
Geological Technician

MG/p
Encls.

RECEIVED
JAN - 9 1986
MINING LANDS SECTION

Grenfell Twp. M.351

Burt Twp. M.334

Otto Twp. M.379

Blain Twp. M.418

VI

V

IV

III

II

I

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

# THE TOWNSHIP OF EBY

Jun. 8/86

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

## LEGEND

| | |
|---|---|
| PATENTED LAND | (P) |
| CROWN LAND SALE | C.S. |
| LEASES | (L) |
| LOCATED LAND | Loc. |
| LICENSE OF OCCUPATION | L.O. |
| MINING RIGHTS ONLY | M.R.O. |
| SURFACE RIGHTS ONLY | S.R.O. |
| ROADS | |
| IMPROVED ROADS | |
| KING'S HIGHWAYS | |
| RAILWAYS | |
| POWER LINES | |
| MARSH OR MUSKEG | |
| MINES | |
| CANCELLED | C. |

## NOTES

400' surface rights reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM STAKING
under Sec. 43 of The Mining Act (R.S.O. 1970).

| Order No. | File | Date | Disposition |
|---|---|---|---|

N½ Lot 7, Con. 3 - Cert. of Forfeiture - Sept 17/85

PLAN NO. M-345

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

42A01SE0188 2.8789 EBY

200

K. K