GEOPHYSICAL SURVEY REPORT
ON THE
PERREX RESOURCES INC. PROPERTY

AIRBORNE GROUP

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

FOR

ALEXANDER H. PERRON

MARCH 21, 1985

MARY GREER
GEOPHYSICAL TECHNICIAN

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ILLUSTRATIONS

GEOPHYSICAL SURVEY REPORT
ON THE
PERREX RESOURCES INC. PROPERTY
AIRBORNE GROUP
HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

INTRODUCTION

The Perrex Airborne Group was recorded on March 1, 1984.

During the months of October and November, 1984, a geophysical grid, at a 400 foot line spacing, was established by Perrons' Inc. Two geophysical surveys (magnetic, electromagnetic) were subsequently completed by Perrons' Inc. during February 1985, over the entire Perrex Property. The instruments used for this geophysical survey was an EDA OMNI 350 Proton Precession Magnetometer, and a Geonics VLF-EM16 unit.

The geophysical survey was conducted by Mary Greer and Alexander Perron assisting, of Perrons', Kirkland Lake, Ontario.

All drafting and interpretation was completed by Mary Greer.

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

The anomalies detected therefrom 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

The Airborne Group consists of a contiguous block of twenty-four (24) unpatented mining claims located in Harker township, Larder Lake Mining Division, District of Cochrane, Ontario, and are further described as follows:

Claim Numbers	No. of Claims
L-738054 - 738060 (inclusive)	7
L-738078 - L-738079	2
L-738275 - 738290 (inclusive)	15
Total Number of Claims	24

Ownership of the claims has been attested to by Alexander Perron of 103 Government Road East, Kirkland Lake, Ontario, and was not independently ascertained by the writer. (See Figure 1a).

LOCATION AND ACCESS

The Perrex Property is located in the southwest central part of Harker township, occurring along the Ghost River, one mile east of the Harker-Garrison township boundary. Harker township is approximately thirty (30) miles due east of the town of Matheson, Ontario, along highway No. 101. Matheson is approximately forty (40) miles northeast of the town of Kirkland Lake, Ontario, via highway No. 66 and No. 11.

The property is accessible by standard forestry access roads which criss-cross the Harker area. The main road runs south approximately one mile

east of the Ghost River, to the Harker Elliott township line crossing through the property. Another road extends southwest around the northwest corner of the Airborne Group traversing down the west side of the property. (See figure 1a and 1b).

PREVIOUS WORK

Due to the large amount of overburden, no previous work has been carried out on the Perrex ground.

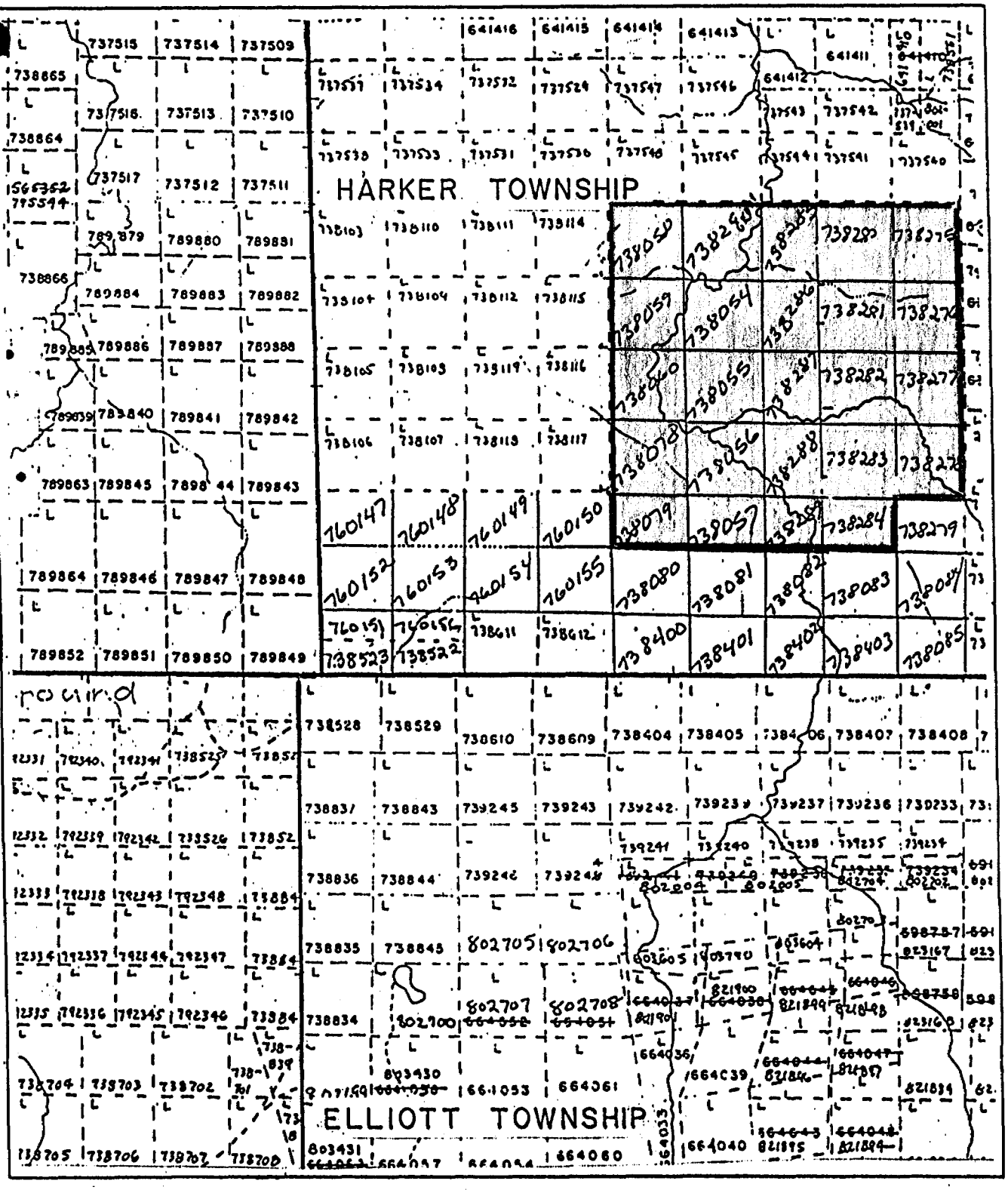
SURVEY PROCEDURE

A baseline was continued from the previous grid at L 0+00. The baseline was turned off at an angle of 240° to traverse approximately parallel to the general line of strike of the underlying bedrock.

The baseline was cut for a total footage of 7,200 feet. A grid system of picket lines at 400 foot spacings with stations every 100 feet, was established at right angles to the baseline. Readings were taken at 50 foot intervals along the picket lines for the magnetic survey and 100 foot intervals for the electromagnetic survey.

The primary magnetic base station was established at the Perrex Base Camp, approximately at L 106+00 E 1+00 N on the old grid. Secondary check stations were established at every 2,000 foot mark along the baseline and at each baseline-picketline intersection.

The time interval between each secondary magnetic check was approximately every one hour.

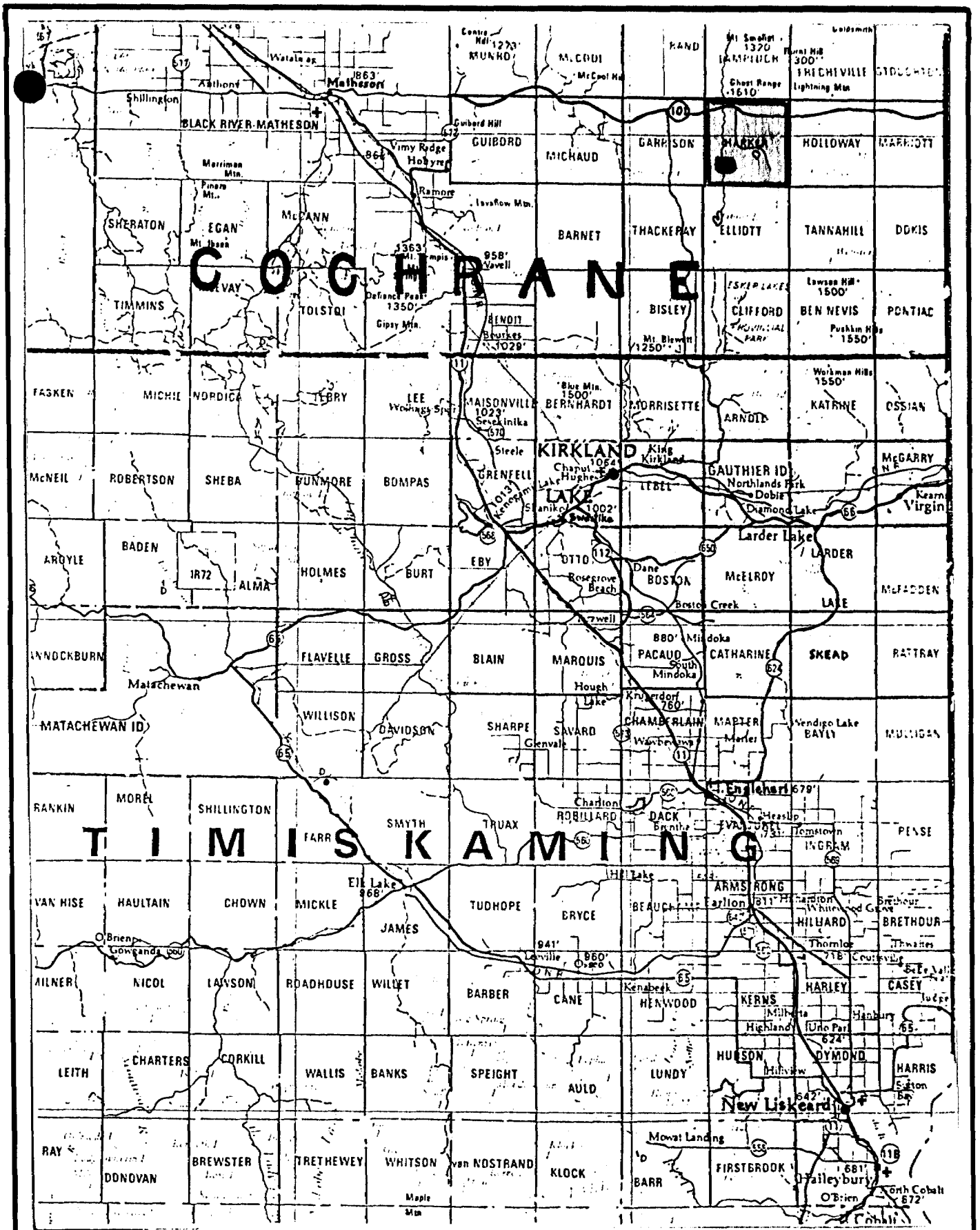


Claim Location Map

Scale: 1 inch to 1/2 mile

(Taken from a Jan. 1985 claim map)

Figure 1a



Location Map

Figure 1b

After the survey was completed, the lines were tied into topographical features using air photos at a scale of one inch to 1,320 feet.

TOPOGRAPHY

The general terrain of the property consists of sand and glacial till covered over a gentle undulating land. The Ghost River flows nowth, meandering through the west half of the property. Some small creeks and beaver ponds were noted on the property.

Due to recent logging operations carried out in 1979, the area is open scrub bush covered with young poplar and thick dense stands of willow and alder.

GENERAL GEOLOGY

The underlying bedrock of Harker township are of the Archean age belonging to the Abitibi greenstone belt of the Superior Province.

The bedrock is primarily basic to acidic lava flows, with the basic lava types being the most predominate. Lying between these lava flows are interflow sedimentary bands of greywacke, arkose and some iron formation.

The Abitibi greenstone belt is part of a large synclinorium which trends east-west. The Destor-Porcupine fault occurs on the northern edge and the Kirkland-Larder Lake Break occurs on the southern edge.

The Perrex property is crossed in a northeast southwest direction by the Ghostmount fault and sedimentary horizon and by the Cryderman sedimen-

tary horizon. Both horizons run parallel to each other along the strike of the underlying bedrock.

ECONOMIC GEOLOGY

There are five (5) parallel complex horizons of interflow sediments and fault zones which trend northeast - southwest through Holloway, Harker, Elliott and Thackeray townships.

Extensive diamond drilling programs in Holloway and Harker townships by Barrick and Camflo Resources are proving up large gold bearing zones.

A gold discovery was recently found along the Ghostmount sedimentary horizon, only two (2) miles northeast along strike of the Perrex property.

The same zones found along strike to the southwest of the Perrex property are being found in Thackeray township by Kerr Addison Mines.

The newly discovered zones have potential economic gold tonnage and future full scale mining operations are being proposed.

The Perrex property lies in the middle of these areas with the same gold bearing horizons crossing the property.

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. Calculations 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 operating 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 the station used was Cutler, Maine, which has a frequency of 24.0 kHz.

All readings were taken perpendicular to the station 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 an EDA OMNI 350 Proton Precession Magnetometer, this instrument has a sensitivity of .01 gamma.

The diurnal variation was monitored by closing each loop at any secondary check station, at a gridline-baseline intersection.

Diurnal corrections were applied by linear distribution of any observed variation over the time between base stations. The corrections were calculated by using a time vs. drift graph.

PRESENTATION AND DISCUSSION OF RESULTS

i) Electromagnetic Survey:

The field data is presented on four (4) map sheets, at a horizontal scale of one inch to 200 feet, Map Numbers - 85-PX-A.G.-2a, 2b, 2c, 2d, found in the back pockets 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 = $\pm$ 20% with the in-phase to the left and the quadrature to the right.

The electromagnetic relief showed no major responses, the in-phase and quadrature were flat with little change. Some sections of the grid had larger responses but had no continuity.

ii) Magnetic Survey:

The field data is presented on four (4) map sheets, at a horizontal scale of one inch to 200 feet, Map Numbers 85-PX-A.G.-1a, 1b, 1c, 1d, found in the back pockets of this report.

The magnetic data is illustrated as isomagnetic contours (contour interval: 100 gammas) on a map of corrected magnetic values recorded at each station.

The distinct magnetic trend is in a northeast-southwest direction and does not appear to be interrupted by any cross structures.

There is a magnetic high found just south of the baseline

occurring between 2 + 00 S and 7 + 00 S on lines 0 + 00 to L 24 + 00 W. These magnetic highs swing to 5 + 00 S and 10 + 00 S from L 28 + 00 W to L 48 + 00 W. There is also a magnetic high occurring below this, in the southeast corner of claim L-738284 at approximately L 28 + 00 W and L 24 + 00 W at 16 + 00 S to 23 + 00 S.

Another major magnetic high occurs in the north and northwest corner on the property, north of 45 + 00 N on all north lines.

In between these magnetic highs is a wide magnetic low area consistantly lower than the surrounding high magnetic relief. Two areas of major interest occurs from L 16 + 00 W 18 + 00 N to 25 + 00 N to L 24 + 00 W 25 + 00 N and L 48 + 00 W 22 + 00 N to L 68 + 00 W 20 + 00 N. These are magnetic depressions found in the general relief of the area. Parallel lows were also found appearing as elongated shapes.

One intermediate magnetic low is found between the two highs south of the baseline.

CONCLUSIONS AND RECOMMENDATIONS

The purpose of this magnetic survey was to extend the magnetic relief found from the first survey performed on the Perrex 41 claim group. It was also performed to determine the continuity of certain conclusions made from the Perrex 41 survey.

One conclusion made was the location of the Cryderman horizon which

in this survey on the Airborne Group appears to continue on just south of the baseline between the two highs. The characteristics are the same, it is a fairly consistant pattern trending northeast-southwest. This pattern is assumed to be caused by interbedded sediments occuring between the mafic volcanic flows which are shown as magnetic highs.

The large low crossing most of the Airborne Group immediately north of the baseline appears to be a ballooning effect of the Ghostmount horizon. The boundaries of this horizon are not as clear as the Cryderman horizon. The previously described low (L 16 + 00 W - 18 + 00 N to L 24 + 00 W 22 + 00 N and L 48 + 00 W 22 + 00 N to L 68 + 00 W 20 + 00 N) may indicate the centre or boundaries of the Ghostmount horizon. Again this low may indicate an interbedded sediment or due to the extreme size of this low it may be caused by some type of felsic intrusion.

The VLF-EM survey was performed to try and delineate on the ground the location of the Airborne Em conductors found in the Electromagnetic survey conducted in 1983 by Questor Surveys for the Ontario Geological Survey.

These anomalies were not picked up by the Geonics EM16 which may possibly be due to the deep overburden cover.

When the anomalies are plotted on air photographs, they are found to coincide with the magnetic lows found north of the baseline. It is concluded that these magnetic lows are produced by the airborne conductors.

With this conclusion it is recommended that these magnetic lows be re-examined with a more advanced EM system. Induced Polarization or a Resisti-

vity survey should also be considered over this area of importance.

Performing these types of surveys may help further define these areas of interest and Reverse Circulation south of the zones should also be proposed.

Respectfully submitted,

Mary Greer

March 21, 1985

Mary Greer
Geophysical Technician

Perrons'

BIBLIOGRAPHY

- Sixtieth Annual Report of the Ontario Department of Mines.
being Vol. LX, Part VII, 1951
Geology of Harker Township by
J. Satterly.

C E R T I F I C A T E

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, Ont. 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 was employed as a Geophysical Technician by H. E. Neal and Associates for 18 months.

4) That I have been practising my profession for a period of five (5) years and I am qualified to write this report.

5) That I supervised and participated in this survey.

March 21/85
Date

Mary Greer
Mary Greer
Geological Technician

Ontario

Geochemical and Expenditures)

W8508-56

Mining

32D05NW0401 2.7932 HARKER

900

Type of Survey(s)
GEOPHYSICAL SURVEY ELECTROMAGI MAGNETOMETE

Claim Holder(s)
[redacted] ALEX H. PERRON

Address
103 GOVERNMENT ROAD EAST, KIRKLAND LAKE, ONTARIO P2N IA9

Survey Company
PERRONS' INC.

Date of Survey (from & to): 01 11 84 (Day, Mo., Yr.) 10 02 85 (Day, Mo., Yr.)

Total Miles of line Cut
26.9 MILES

Name and Address of Author (of Geo-Technical report)
MARY GREER, 49 MCKELVIE AVE., KIRKLAND LAKE, ONT. P2N 2K6

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Electromagnetic	40
	- Magnetometer	20
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

LARDER LAKE MINING DIV. RECEIVED FEB 15 1985 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	738054	
	738055	
	738056	
	738057	
	738058	
	738059	
	738060	
	738078	
	738079	
	738275	
	738276	
	738277	
	738278	
	738280	
	738281	
	738282	
	738283	
	738284	
	738285	
	738286	
	738287	
	738288	
	738289	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	738290	

RECEIVED FEB 22 1985 MINING LANDS SECTION

Total number of mining claims covered by this report of work: 24

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
1440	FEB 15 1985	
	Date Approved as Recorded: 85 3 28	Branch Director

Date: Feb. 15/85 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, 49 MCKELVIE AVENUE, KIRKLAND LAKE, ONT. P2N 2K6

Date Certified: Feb. 15/85 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 - ELECTROMAGNETIC

Township or Area HARKER

Claim Holder(s) ALEX H. PERRON, 103 GOV'T RD. E., KIRKLAND LAKE, ONT. P2N IA9

Survey Company PERRONS'

Author of Report MARY GREER

Address of Author 49 MCKELVIE AVE., KIRKLAND LAKE, ONT. P2N 2K6

Covering Dates of Survey NOV.1/84-FEB.10/85 (linecutting to office)

Total Miles of Line Cut 26.9 MILES

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	
Geochemical	

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

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

DATE: Mar. 21/85 SIGNATURE: Mary Greer (Author of Report or Agent)

Res. Geol. _____ Qualifications 24529

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	738054
L	738055
L	738056
L	738057
L	738058
L	738059
L	738060
L	738078
L	738079
L	738275
L	738276
L	738277
L	738278
L	738280
L	738281
L	738282
L	738283
L	738284
L	738285
L	738286
L	738287
L	738288

TOTAL CLAIMS 24

If space insufficient, attach list

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1207 Number of Readings MAGNETIC-2414 VLF - 1157

Station interval 100' FEET Line spacing 400 FEET

Profile scale 1 INCH = ± 20%

Contour interval 100 GAMMAS

MAGNETIC

Instrument EDA OMNI 350 PROTON PRECESSION MAGNETOMETER

Accuracy – Scale constant .01 GAMMA

Diurnal correction method CLOSED LOOPS - BASELINE TIE IN

Base Station check-in interval (hours) APPROXIMATELY 1/2 HOUR TO 1 HOUR

Base Station location and value L 106 E - 1 + 00 N 58957 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 24.0 KHz CUTLER, MAINE (specify V.L.F. station)

Parameters measured IN-PHASE 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

MINING CLAIMS TRAVERSED

L-738289

L-738290

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

REGISTERED MAIL

March 21, 1985

Mr. Fred Matthews,
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 Survey Report
Harker Township
Larder Lake Mining Division

Enclosed herewith please find a duplicate copy of the following:

- Report dated March 21, 1985, by Mary Greer entitled:

  Geophysical Survey Report on the
  Perrex Resources Inc. Property
  Airborne Group
  Harker Township
  Larder Lake Mining Division
  District of Cochrane, 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
Geophysical Technician

MG/p
Encls.

Mining Lands Section

File No 2.7932

Control Sheet

TYPE OF SURVEY ✓ GEOPHYSICAL

____ GEOLOGICAL

____ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

lgd. L.D.

J. Hurst

Signature of Assessor

85-03-27

Date

	m	em			m	em		2·7932			
738054	✓	✓		732886	✓	✓					
55	✓	✓		87	✓	✓					
56	✓	✓		88	✓	✓					
57	✓	✓		89	✓	✓					
58	✓	✓		90	✓	✓					
59	✓	✓									
60	✓	✓									
78	✓	✓									
79	✓	✓									
275	✓	✓									
76	✓	✓									
77	✓	✓									
78	✓	✓									
80	✓	✓									
81	✓	✓									
82	✓	✓									
83	✓	✓									
84	✓	✓									
85	✓	✓									

L 16+00 W

L 12+00 W

L 8+00 W

L 4+00 W

L 0+00

L 4+00 E

L 8+00 E

L 12+00 E

L 738285

L 738280

L 738275

L 738286

L 738281

L 738276

L 738287

L 738282

L 738277

B

Mag. N 10° W

N

LEGEND

- 3000 - 4000 ϑ
- 2400 - 3000 ϑ
- 1900 - 2400 ϑ
- 1600 - 1900 ϑ
- 1200 - 1600 ϑ
- 900 - 1200 ϑ
- 700 - 900 ϑ
- < 700 ϑ

SYMBOLS

- Base station
- Isomagnetic contours
- Claim post □ (located) ■
- Claim line
- Primary access road
- Secondary access roads
- Pond, Lake
- Creek
- River

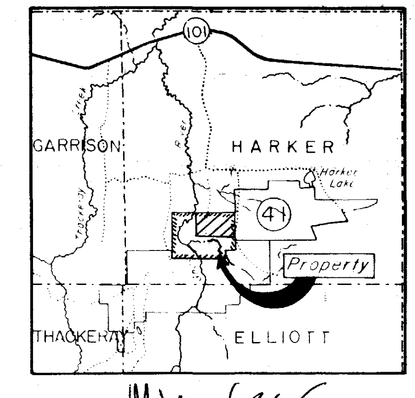
INSTRUMENTATION

EDA OMMNI 350 PROTON PRECESSION MAGNETOMETER
Contour interval 100 gammas
Tune background 58,000 ϑ

Contoured by: Mary Greer

KEY MAP

(Scale 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND MAGNETOMETER SURVEY 2.7932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by Mary Greer	Map No. 85-Px A.G.-1a	Date: March 1985

Mag. N 10° W

N

LEGEND

- 3000 - 4000 ϑ
- 2400 - 3000 ϑ
- 1900 - 2400 ϑ
- 1600 - 1900 ϑ
- 1200 - 1600 ϑ
- 900 - 1200 ϑ
- 700 - 900 ϑ
- < 700 ϑ

SYMBOLS

- Base station
- Isomagnetic contours
- Claim post (located)
- Claim line
- Primary access road
- Secondary access roads
- Pond, Lake
- Creek
- River

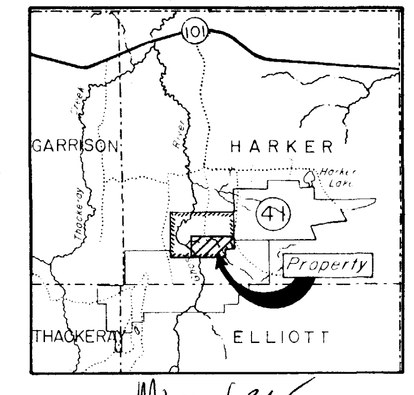
INSTRUMENTATION

EDA OMMNI 350 PROTON PRECESSION MAGNETOMETER
Contour interval 100 gammas
Tune background 58,000 ϑ

Contoured by: Mary Greer

KEY MAP

(Scale: 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND MAGNETOMETER SURVEY 27932

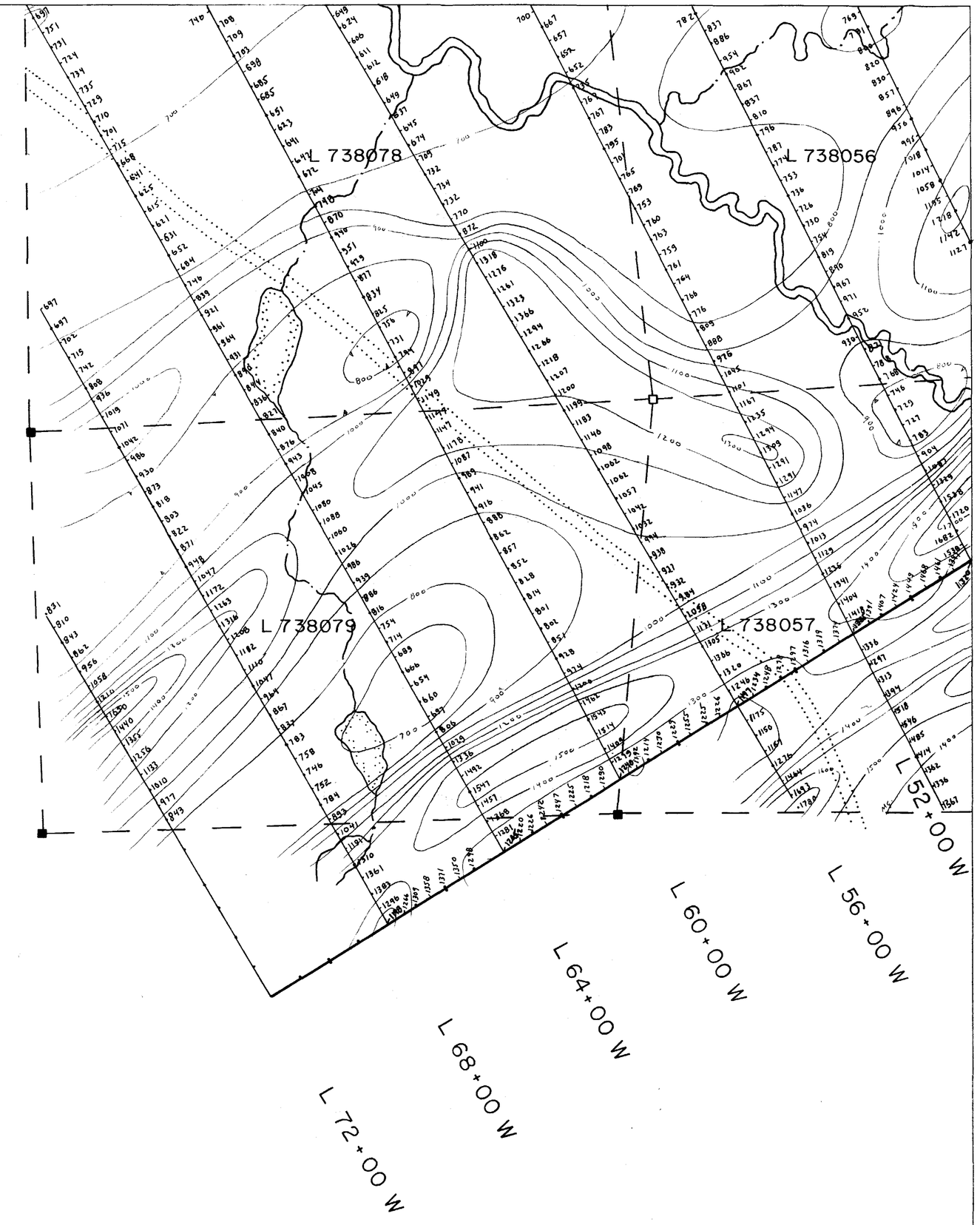
HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by Mary Greer	Map No. 85-Px A.G.-1b	Date March 1985



Mag. N 10° W

N

LEGEND

- 3000 - 4000 ϑ
- 2400 - 3000 ϑ
- 1900 - 2400 ϑ
- 1600 - 1900 ϑ
- 1200 - 1600 ϑ
- 900 - 1200 ϑ
- 700 - 900 ϑ
- < 700 ϑ

SYMBOLS

- Base station
- Isomagnetic contours
- Claim post (located)
- Claim line
- Primary access road
- Secondary access roads
- Pond, Lake
- Creek
- River

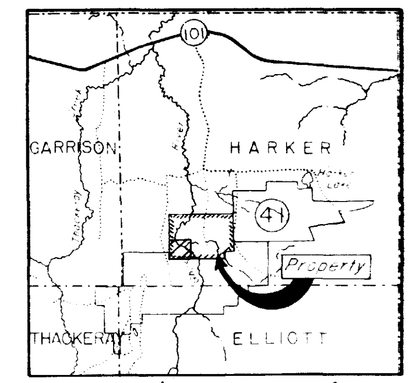
INSTRUMENTATION

EDA OMMNI 350 PROTON PRECESSION MAGNETOMETER
Contour interval 100 gammas
Tune background 58,000 ϑ

Contoured by: Mary Greer

KEY MAP

(Scale 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND MAGNETOMETER SURVEY 2.7932

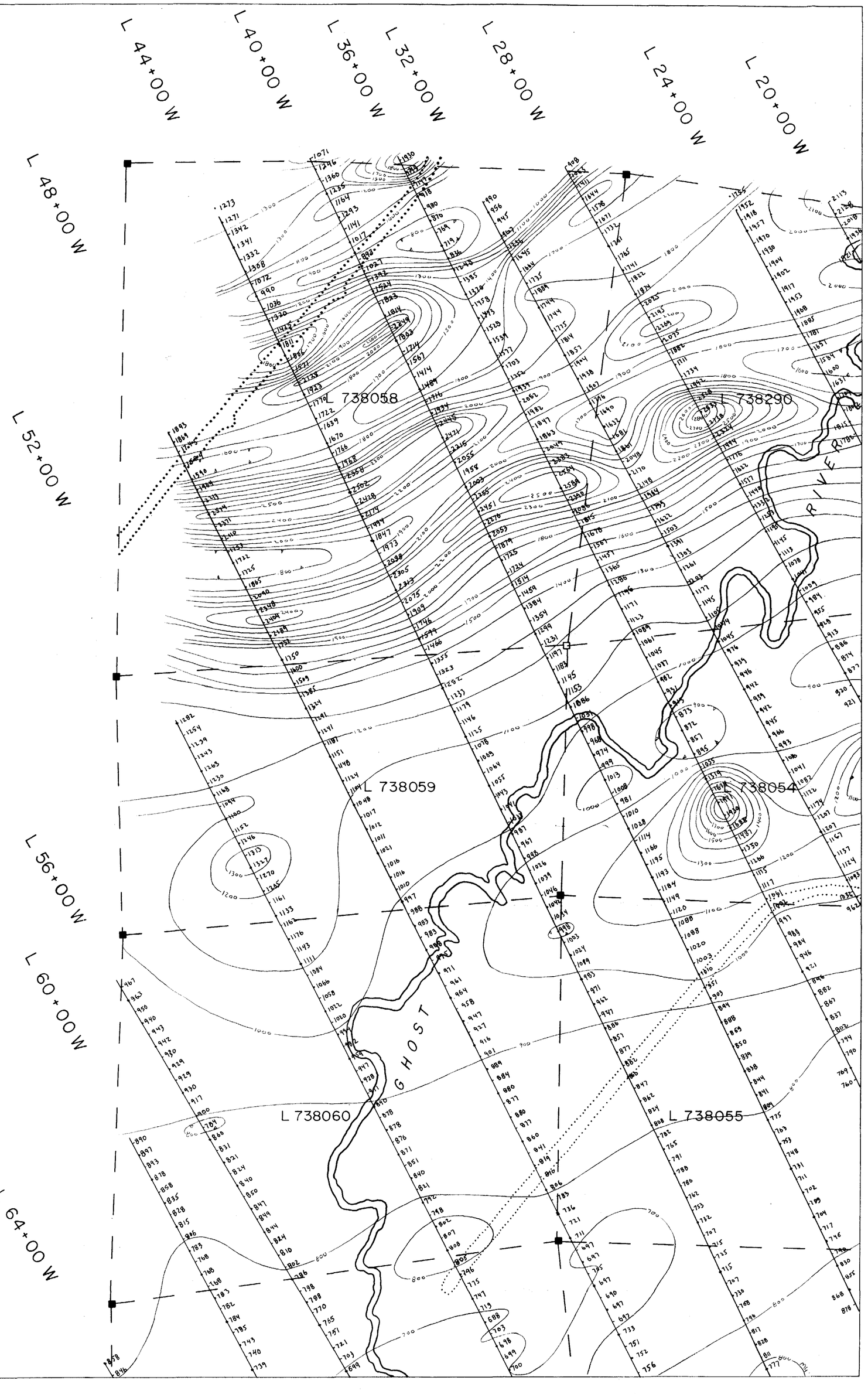
HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by: Mary Greer | Map No. 85-Px A.G.-1c | Date: March 1985



Mag. N 10° W

N

LEGEND

- 3000 - 4000 ϑ
- 2400 - 3000 ϑ
- 1900 - 2400 ϑ
- 1600 - 1900 ϑ
- 1200 - 1600 ϑ
- 900 - 1200 ϑ
- 700 - 900 ϑ
- < 700 ϑ

SYMBOLS

- Base station
- Isomagnetic contours
- Claim post (located)
- Claim line
- Primary access road
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- River

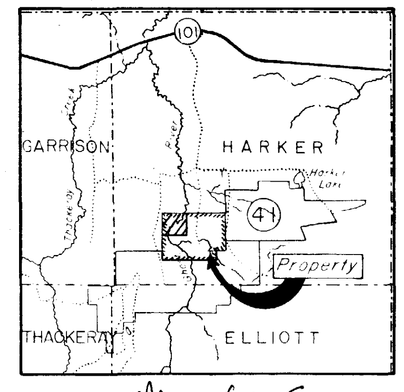
INSTRUMENTATION

EDA OMMNI 350 PROTON PRECESSION MAGNETOMETER
Contour interval 100 gammas
Tune background 58,000 ϑ

Contoured by: Mary Greer

KEY MAP

(Scale: 1 inch to 2 miles)



Mary Greer

PERREX RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND MAGNETOMETER SURVEY 27932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by: Mary Greer	Map No. 85-Px A.G-Id	Date: March 1985

320850NW8401 2.7932 HARKER

L 16+00 W
L 12+00 W
L 8+00 W
L 4+00 W
L 0+00
L 4+00 E
L 8+00 E
L 12+00 E

L 738285
L 738280
L 738275
L 738286
L 738281
L 738276
L 738287
L 738282
L 738277

BL

Mag. N 10° W

N

SYMBOLS

In-phase
Quadrature
Claim post ■ (located) □
Claim line
Access road (primary) (secondary)
River ≈ Creek ~ Pond

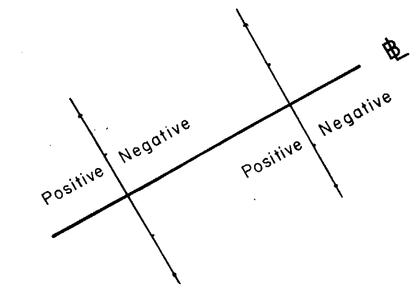
INSTRUMENTATION

GEONICS VLF-EMI6

Station used: NAA Cutler, Maine

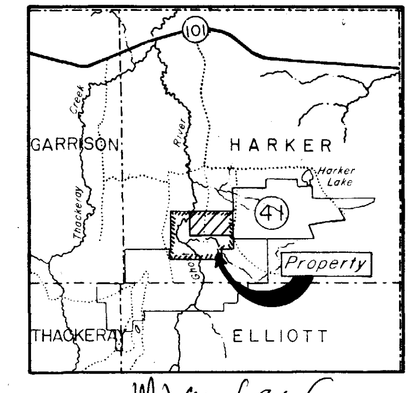
Frequency: 24.0 kHz

Vertical scale: 1 inch = ±20%



KEY MAP

(Scale: 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND VLF-EM SURVEY 27932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600
Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by Mary Greer	Map No. 85-Px A.G.-2a	Date: March 1985

L 738288

L 738283

L 738278

L 738289

L 738284

GHOST RIVER

L 4+00 W

L 8+00 W

L 12+00 W

L 16+00 W

L 20+00 W

L 24+00 W

L 28+00 W

L 32+00 W

L 36+00 W

L 40+00 W

L 44+00 W

L 48+00 W

Mag. N 10° W

N

SYMBOLS

In-phase

Quadrature

Claim post □ (located) ■

Claim line

Access road (primary)

(secondary)

River ≈ Creek ~ Pond

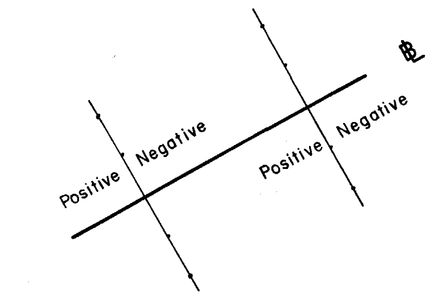
INSTRUMENTATION

GEONICS VLF-EM16

Station used: NAA Cutler, Maine

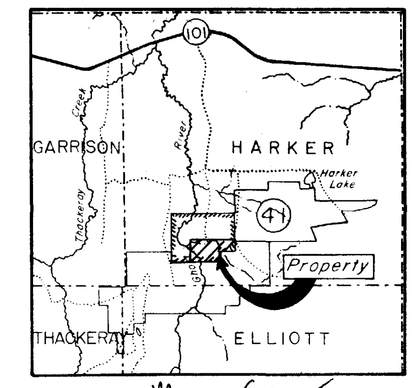
Frequency: 24.0 kHz

Vertical scale: 1 inch = ±20 %



KEY MAP

(Scale: 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND VLF-EM
SURVEY 27932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

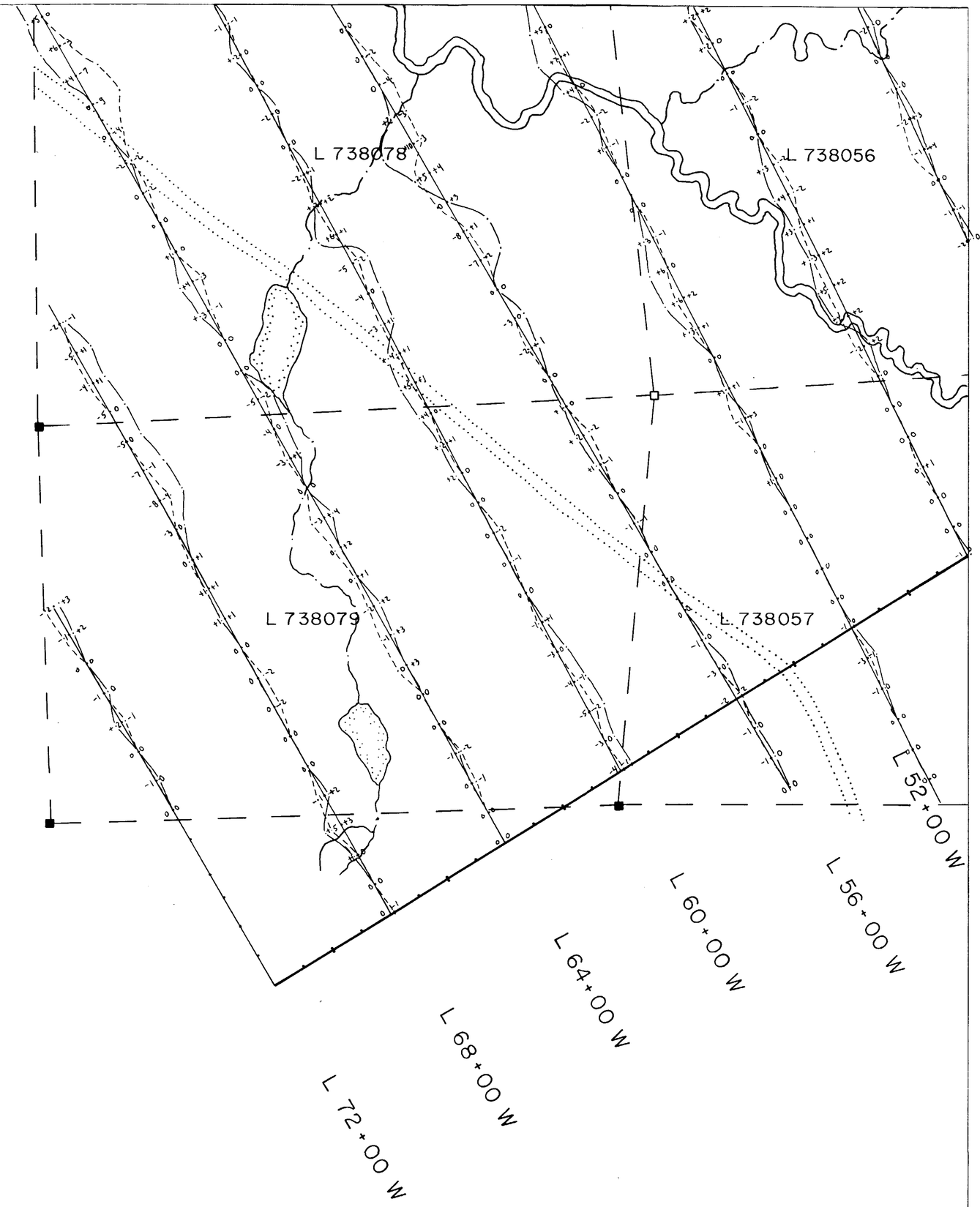
200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by Mary Greer | Map No. 85-Px A.G.-2b | Date March 1985

250



Mag. N 10° W

N

SYMBOLS

In-phase
Quadrature
Claim post □ (located) ■
Claim line
Access road (primary)
(secondary)
River Creek Pond

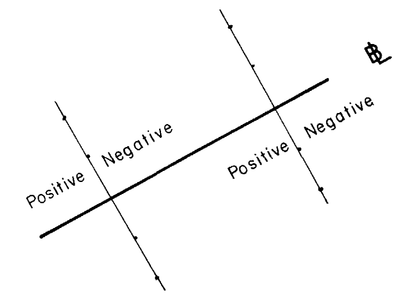
INSTRUMENTATION

GEONICS VLF-EMI6

Station used: NAA Cutler, Maine

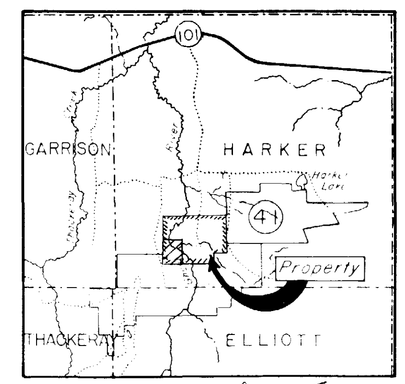
Frequency: 24.0 kHz

Vertical scale: 1 inch = ±20%



KEY MAP

(Scale: 1 inch to 2 miles)



Mary Greer

PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND VLF-EM
SURVEY 27932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

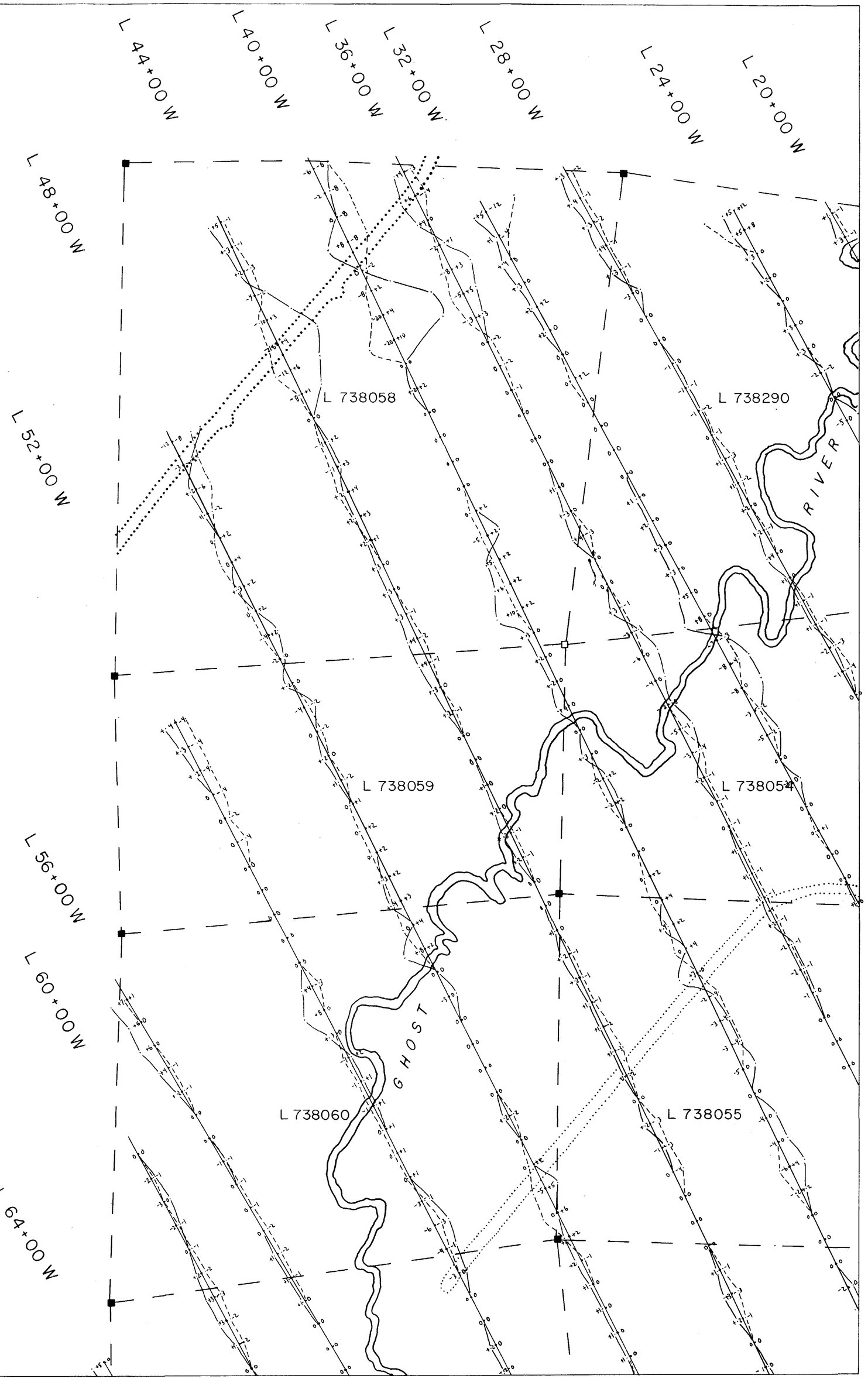
200 0 200 400 600

Scale 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by Mary Greer | Map No. 85-Px A.G.-2c | Date March 1985

260



Mag. N 10° W

N

SYMBOLS

In-phase
Quadrature
Claim post □ (located) ■
Claim line
Access road (primary)
(secondary)
River Creek Pond

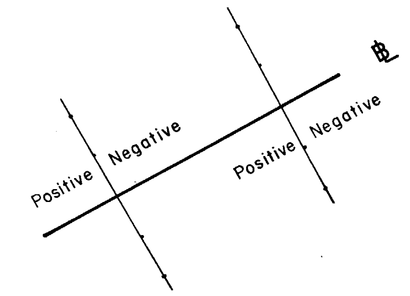
INSTRUMENTATION

GEONICS VLF-EMI6

Station used: NAA Cutler, Maine

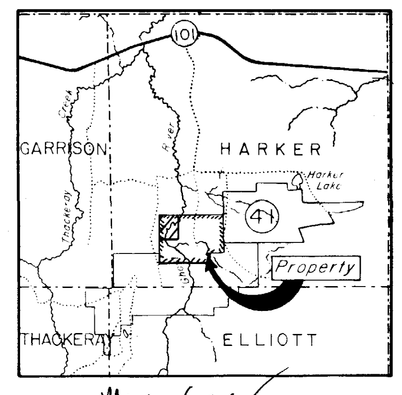
Frequency: 24.0 kHz

Vertical scale: 1 inch = ±20%



KEY MAP

(Scale: 1 inch to 2 miles)



PERREX
RESOURCES INC. (A.G.)

AIRBORNE GROUP

GROUND VLF-EM
SURVEY 2.7932

HARKER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS' INC.
Kirkland Lake Canada

Drawn by	Map No	Date
Mary Greer	85-Px A.G.-2d	March 1985