Report on
Magnetometer and VLF - EM Surveys
Carried Out on Part of the
HARLIN RESOURCES LTD.
Meteor Lake Property
Larder Lake Mining Division
Ontario

by
R. Bruce Durham, B.Sc.

MINING LANDS SECTION

Robert S. Middleton Exploration Services Inc.
P.O. Box 1637
Timmins, Ontario
April 30, 1984

P4N 7W8
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<tr>
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<td>Location Map</td>
<td>1&quot; = 25 mi.</td>
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<tr>
<td>2</td>
<td>Claim Index Map</td>
<td>1&quot; = 1/2 mile</td>
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<td>(in pocket) 1:2500</td>
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<tr>
<td>4</td>
<td>Profiled Plan Map of VLF - EM data</td>
<td>(in pocket) 1:2500</td>
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</tbody>
</table>

## APPENDIX

Magnetometer Specifications

VLF - EM Specifications
INTRODUCTION

Magnetometer and VLF - EM surveys were undertaken on part of the Harlin Resources Ltd. property in April, 1984 to aid in defining bedrock features such as faults and dikes which may have influenced the quaternary geology in the area.

The gold bearing gravels of the ancient Vermilion River system, which are known to occur on the property, are the primary target for exploration in the area.

Property

The property consists of 305 unpatented mining claims all located in Garibaldi, Moffat and Beulah Townships, Larder Lake Mining Division. The distribution of the claims is shown on Figure 2 at the back of this report.

<table>
<thead>
<tr>
<th>Garibaldi Township</th>
<th>STATUS - RECORDING DATE</th>
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</thead>
<tbody>
<tr>
<td>L.749632-749634 inclusive - 3 claims</td>
<td>August 26, 1983</td>
</tr>
<tr>
<td>L.749637-749656 inclusive - 20 claims</td>
<td>August 26, 1983</td>
</tr>
<tr>
<td>Sub-Total</td>
<td>23 claims</td>
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</table>

<table>
<thead>
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<th>Moffat Township</th>
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<tr>
<td>L.743421-743440 inclusive - 20 claims</td>
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<tr>
<td>L.743566-743590 inclusive - 25 claims</td>
<td>August 26, 1983</td>
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<tr>
<td>L.749051-749065 inclusive - 15 claims</td>
<td>August 26, 1983</td>
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<tr>
<td>L.749552-749631 inclusive - 80 claims</td>
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<tr>
<td>Sub-Total</td>
<td>140 claims</td>
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</table>
Beulah Township

L.748901-748957 inclusive - 57 claims August 26, 1983
L.748959-748962 inclusive - 4 claims August 26, 1983
L.748965 - 1 claim August 26, 1983
L.748969-748972 inclusive - 4 claims August 26, 1983
L.748976 - 1 claim August 26, 1983
L.748978-748999 inclusive - 22 claims August 26, 1983
L.749001-749024 inclusive - 24 claims August 26, 1983
L.749026-749043 inclusive - 18 claims August 26, 1983
L.634817-634826 inclusive - 10 claims Extension to May 31, 1984
L.634802 - 1 claim Extension to May 31, 1984

Sub-Total 142 claims
PROPERTY TOTAL - 305 claims

All claims are being held by John Larche and Don McKinnon in trust for Harlin Resources Ltd.

Only 16 of the 305 claims were covered by the present surveys. These claims are located in north-central Beulah Twp and basically cover the south part of Meteor Lake. The claims are numbered L-634817 to 634826, 634802, 748984, 748976, 749026, 749042 and 749043.

Location and Access

The property is located in southern Garibaldi, western Moffat and north central Beulah Township, District of Sudbury, Larder Lake Mining Division. The centre of the property is 62
miles north-northwest of Sudbury, 30 miles southeast of Gogama, and 75 miles south of Timmins. Access is via a dirt road that extends along a power transmission line 1 to 2 miles east of the property. A boat can be used to reach all of the property in Garibaldi Township and Moffat Township via the Opikinimika River from the power line or along a creek from Westree in Garvey Twp. (see Figure 2). A portage joins Meteor Lake to Opikinimika Lake (known as Seven Mile Lake in older reports (i.e.) Coleman (1901)), giving access to the remaining part of the property in Beulah Township.

A gravel road also extends south from Highway 560 to the north side of the property and Highway 560 joins Highway 144 which links Gogama with Sudbury and Timmins. Access from the south is also possible by a road from the rail siding at Ruel on the C.N.R. line in Blewett Twp.

A float plane can be landed on both Meteor Lake and Opikinimika Lake and this region can be reached from bases in Gogama, Timmins and Sudbury. For this program, good ice conditions allowed access to the property by skidoo from Westree by travelling down Deschenes Lake, and crossing to Meteor Lake. Only a small part of the property (16 claims) over the south part of Meteor Lake were surveyed. Demobilization was carried out by helicopter to Westree.
Topography and Vegetation

The general area is covered by a varied sequence of outwash materials deposited during the last ice retreat. Surficial geology in the area surveyed is largely obscured by lake water but small islands and shorelines are for the most part comprised of boulder gravel and sand. Some clay (or silty) material is known to occur on the lake bottom. The area is covered by a reasonably thick growth of pine, spruce, birch and poplar.

Previous Work

The 305 claims in Garibaldi, Moffat and Beulah Townships held by Harlin Resources Ltd. through an arrangement with prospectors John Larche and Donald McKinnon of Timmins, Ontario cover part of the ancient Vermilion River system that contains known placer gold occurrences at Meteor Lake and vicinity. The property was mined as a placer at the turn of the century and pit sampling established the presence of gold in the gravels and in the sandy-clay fraction of the esker deposits at Meteor Lake. Later work in 1958-1962 by junior mining companies included churn drill tests which concluded that the location of the gold was related to the old river channels and that one section northeast of Meteor Lake contained up to 37 million yards of gravel per vertical yard of depth. Values in the holes (see Table 1) ranged up to $7.14 per cubic yard, but 11 sites gave $0.71 - $2.86 per cubic yard, and yet other holes yielded low values.
A much more detailed summary of the previous work in the area is given in a report by Middleton, R.S., (1983).

GEOLOGY

Quaternary Geology

The original descriptions of the Pleistocene geology of the property area were made by Coleman (1901) and Prest V. (1948). Descriptions of the southern extension of the Vermilion River System have been made by Meyn, H.D. (1970).

The Vermilion River (Esker) system was formed during the last retreat of the ice in Pleistocene to Recent Time. Melt water from the ice generated a river which flowed southward from the ice front and probably below the ice sheet itself. As the ice retreated in different stages a number of depositional patterns formed which have been described by Porritt J.W.M. (1980) as a broad outwash plain to the south, a narrow channel of esker deposits due to rapid ice retreat, an area of deltaic deposits in the northern portion of the property and an embayment area of glacial melt water to the southeast of the property. It is possible that the river channel changed during the different stages but the overall pattern can be traced on air photographs.

Bedrock Geology

The bedrock in the immediate area is granite and granite gneiss. Mafic volcanics of Archean Age are located 6 miles to
the east and 12 miles to the north in the Shiningtree area.

SURVEY PROCEDURE AND INSTRUMENTATION

Magnetometer Survey

A Baringer portable precession magnetometer was used to carry out the ground magnetometer survey. Readings were taken at 25m intervals along 100m spaced east-west trending grid lines (and north-south tie lines) and tied in by looping to established tie-in points along the north-south baseline. From this data a diurnal correction was determined and applied to each "loop" of data.

VLF - EM Survey

The VLF - EM surveying was done using a Geonics EM-16 unit using the Annapolis transmitter station as it afforded good direction for obtaining information about structural trends in the area.

Readings were taken at 25m intervals along the 100m spaced grid lines.

SURVEY STATISTICS

The surveys were carried out by George Dubroy of North Bay, Ontario between April 15th and 22nd. A total of 30120m of grid line and tie line was cut and pickets were erected at 25m intervals. A total of 1139 magnetometer and 1043 VLF EM readings
were recorded (and in the case of the magnetometer survey, corrected), and then all readings were plotted on the accompanying maps at a scale of 1:2500. The magnetometer data was contoured at 100 gamma intervals and the VLF - EM data was profiled at a scale of 1 cm = 10° dip angle.

INTERPRETATION

The total field magnetic relief is very low throughout the areas surveyed. The subtle magnetic anomaly which trends just west of north near Baseline 0 is the only noticeable feature on the grid. This trend corresponds to a string of small islands in Meteor Lake and also corresponds very closely to the trend of a persistent VLF - EM anomaly (designated as conductor "A" on the accompanying map). This coincident magnetic topographic, and EM response may reflect the presence of a bedrock feature such as a dike on shallow ridge, or may mark a quaternary (glacio-fluvial) change.

Conductors "B", "C", "D" and "E" all seem to be coincident with either shoreline or shallow water features.

RECOMMENDATIONS AND CONCLUSIONS

Further geophysical test work is currently underway in the area covered by this survey in order to obtain a more comprehensive understanding of the geomorphology of the Vermilion...
River placer system.

Upon completion of the additional surveys and comparison of all the surveys it may be possible to determine areas which may have more potential for hosting economic concentrations of placer gold. This would allow for a more cost effective drilling program.

Respectfully Submitted,

R. Bruce Durham, B.Sc.
REFERENCES

BOYLE, R.W. 1979
The Geochemistry of Gold and its Deposits, Dept. of Energy, Mines and Resources, Canada, Bulletin 289, pp 333-386

CLIFTON, H.E., HUBERT, A., and PHILLIPS, R.L., 1967

COLEMAN, A.P., 1901

COOK, R.J., 1959

Ontario Occurrences of Float, Placer Gold, and Other Heavy Minerals, Ontario Geological Survey, Mineral Deposits Circular 17, pp 178

GORDON, J.B., LOVELL, H.L., deGRIJS, JAN, and DAVIS, R.F., 1979

GRACEY, A.H., 1898

HARPER, H.G., 1980
Meteor Resources Inc. Meteor-Opikinimika Placer Gold Prospect, Moffat and Beulah Townships, Ontario, May 2, 1980

HOLBROOKE, G.L., 1960

McKECHNIE, D.C., 1958

MEYN, H.D., 1970
Geology of Hutton and Parkin Townships, Ontario, Department of Mines, Geological Report 80, pp 35
MIDDLETON, R.S., 1983
Report on Vermilion River Placer System, Meteor-Opikinimika
Lake Area, Garibaldi, Moffat and Beulah Townships, Larder
Lake Mining Division, Ontario

MINISTRY OF NATURAL RESOURCES -
Township Claim Maps Garibaldi M-828
Moffat     M-867
Beulah     M-661

ONTARIO GEOLOGICAL SURVEY, 1977
Sudbury-Cobalt Sheet, Geological Compilation Series, 1" = 4 miles

PORRITT, J., 1980
Report on a Geochemical Gold Reconnaissance Survey of the
Vermilion Vally, Ontario prepared for Vermilion Placers Inc.,
February 1, 1980

PREST, V.K., 1948
The Pleistocene Geology of the Vermilion River System near
Capreol, District of Sudbury, Ontario, Ontario Department

SNOBELEN, W.R., 1979
Proposal for Exploratory Licence of Occupation; Mississauga,
Ontario, 3 p
CERTIFICATION

I, R. Bruce Durham of Timmins, Ontario certify that:

1. I am a graduate of the University of Western Ontario having obtained a Bachelor of Science degree in Geology in 1976.

2. I have been practising my profession primarily in Canada since 1976.

3. I have no direct or indirect interest in the properties, leases, or securities of Harlin Resources Limited, nor do I expect to receive any.

Dated this 30th day of April, 1984 at Timmins, Ontario.

R. Bruce Durham, B.Sc.
MINI PROTON MAGNETOMETER
Model GM-122

DESCRIPTION
The Barringer GM-122 mini proton magnetometer provides an absolute measurement of the earth’s total magnetic field intensity. The rugged design is combined with lightweight, small size and simple operation.

FEATURES
- High Sensitivity
- Toroidal Sensor
- Automatic Lock-out
- Rugged Design
- Lightweight
- Easy Operation

- ± 1 gamma
- No alignment or calibration required
- Last three digits blanked if gradient exceeds 600 gammas per meter
- Withstands extreme shock. Operates at −40°C to 55°C, 0 to 100% relative humidity
- Weight of total system 5.1 kg.
- Single button initiates digital display

APPLICATIONS
- Geo-magnetic surveying
- Mineral and petroleum exploration
- Search for buried objects
- Archaeological prospecting

SYSTEM COMPONENTS
- Lightweight console and harness
- Toroidal sensor and cable
- Five foot extendable aluminum shaft
- Impact resistant shipping case

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES
**EM16 SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MEASURED QUANTITY</th>
<th>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).</th>
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</thead>
</table>
| 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 9cm                                                                                                                                   |
| WEIGHT            | Instrument: 1.6 kg  
Shipping : 4.5 kg                                                                                                                                  |
SPECIFICATIONS:
Sensitivity/Resolution  1 gamma
Absolute Accuracy  ± 10 ppm — better than ± 1 gamma
Range  20,000 — 100,000 gammas in 12 ranges with 100% overlap
Gradient Tolerance 600 gammas/meter
Operating Range  -40°F to + 131°F
              -40°C to + 55°C
              0 to 100% relative humidity (splash proof)
Size  console 3.5” x 7” x 11”
      (9 cm x 18 cm x 28 cm)
      sensor 4 3/8” diameter (12 cm)
      4 3/8” height (11 cm)
Weight  console 5.5 lbs (2.4 kg)
       sensor 4.0 lbs (1.8 kg)
       staff 2.0 lbs (0.9 kg)
Output  5 digit incandescent filament display with a 3 or 6 second sampling rate
Sensor  toroidal, omni-directional and noise cancelling

Logic Function
      early low battery indicator in the form of a L.E.D.
      notifies the operator when 250 readings remain in the power supply
      lock indicator — last 3 digits of the display are blanked off when the
      gradient is exceeded or when the instrument is operated incorrectly
      digital readout test — all display readouts light up to permit visual inspection

Construction
      high impact low temperature plastic: polyurethane and lexan case, shock and vibration
      proof mountings

Power Supply
      12 alkaline “D” cells provide up to 10,000 readings

Option Accessories
      external battery belt
      staff extender
      sensor backsack for one-hand operation

Barringer Research Limited
304 Carlingview Dr.
Metropolitan Toronto
Rexdale, Ontario, Canada M9W 5G2
Phone: 416-675-3870
Telex: 06-989183

Representative:
Ministry of Natural Resources

Report of Work

(Feophysical, Geological, Geochemical and Expenditures)

Claim Holders

Type of Survey(s)

Township or Area

Geophysical: VLF (Electromagnetic)

BELAIR TWP. - M-661

HARM RESOURCES

Prospector's Licence No. T-1707

46 R.S. MIDDLETON EXPLORATION SERVICES PO. BOX 1637 TIMMINS ONT.

Survey Company

Date of Survey (from to)

15 04 84 22 04 84

Total Miles of line Cut

18.8

DAYAN EXPLORATIONS

Name and Address of Author (of Geo-Technical report)

Credits Requested per Each Claim in Columns at right

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)

Man Days

Complete reverse side and enter total(s) here

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total number of mining claims covered by this report of work.

Date

14/5/84

Recorded Holder or Agent (Signature)

LarDer LAKE MINING DIV.

RECEIVED

MAY 15 1984

Name and Address of Person Certifying

AllAN WELLS PO. BOX 1637 TIMMINS ONT.

ONTOARIO P4N 7W8

Date Certified

14/5/84

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

AllAN WELLS PO. BOX 1637 TIMMINS ONT.

P4N 7W8

Date Certified

14/5/84

Certification (Signature)

Olley Wells
Ministry of Natural Resources

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) MAGNETOMETER, ULF-EM
Township or Area Beaver Twp W-66
Claim Holder(s) HARWIN RESOURCES
I 1707
Survey Company R. S. WOODBURY EXPLORATION SERV
Author of Report R. BRUCE DURHAM
Address of Author P. O. 1637 TIMMINS
Covering Dates of Survey APRIL 15 - APRIL 22/84
(linecutting to office)
Total Miles of Line Cut 18.8

SPECIAL PROVISIONS
CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.
ENTER 20 days for each additional survey using same grid.

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

Magnetometer Electromagnetic Radiometric
(enter days per claim)

Geophysical 20

- Electromagnetic
- Magnetometer
- Radiometric
- Other

Geological
Geochemical

DATE: May 15/84 SIGNATURE: [Signature]

Res. Geol. Qualifications: 24/980 1984

MINING CLAIMS TRAVERSED
List numerically

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<td>Radiometric 40</td>
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<td>Other 20</td>
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<td>Geological 20</td>
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<td>Geochemical 20</td>
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MINING LANDS SECTION

Previous Surveys
File No. Type Date Claim Holder

TOTAL CLAIMS 16
### GEOPHYSICAL TECHNICAL DATA

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

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<tr>
<td>Accuracy — Scale constant</td>
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<tr>
<td>Diurnal correction method</td>
<td>Looping to baseline</td>
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<tr>
<td>Base Station check-in interval (hours)</td>
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<td>Base Station location and value</td>
<td>Values along baseline</td>
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**MAGNETIC**

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<td>Method:</td>
<td>Fixed transmitter, Shoot back, In line, Parallel line</td>
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<tr>
<td>Frequency</td>
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<td>Parameters measured</td>
<td>In Phase, Quadrature</td>
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**ELECTROMAGNETIC**

**GRAVITY**

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<td>Corrections made</td>
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<tr>
<td>Base station value and location</td>
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**INDUCED POLARIZATION**

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<tr>
<td>Type of electrode</td>
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SELF POTENTIAL
Instrument _____________________________ Range ___________________
Survey Method ______________________________________________________
Corrections made ____________________________________________________

RADIOMETRIC
Instrument __________________________ Value 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 __________
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

---

**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)

Extracts Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. ( tests)

Extracts Method

Analytical Method

Reagents Used

Commercial Laboratory ( tests)

Name of Laboratory

Extracts Method

Analytical Method

Reagents Used

General

---

**SAMPLE PREPARATION**

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis

---

General
Mineral Lands Section
Control Sheet

File No. 26935

TYPE OF SURVEY

☐ GEOPHYSICAL
☐ GEOLOGICAL
☐ GEOCHEMICAL
☐ EXPENDITURE

MINING LANDS COMMENTS:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

L.D.

Signature of Assessor

Aug 3/84

Date
August 20, 1984

Marlin Resources
c/o R.S. Middleton Exploration Services
P.O. Box 1637
Timmins, Ontario
P4N 7W8

Dear Sirs:

RE: Geophysical (Magnetometer & Electromagnetic) Survey submitted on Mining Claims L 634802 et al in the Township of Beulah

Returned herein are the plans, (in duplicate), for the above-mentioned survey. Please have the author of the report sign each copy and return the material to this office quoting file 2.6935.

For further information, please contact Mr. Ray Pichette at (416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

S. Hurst:mc

cc: Mining Recorder
Kirkland Lake, Ontario

Encl.
Mr. George J. Koleszar  
Mining Recorder  
Ministry of Natural Resources  
4 Government Road East  
P.O. Box 984  
Kirkland Lake, Ontario  
P2N 1A2

Dear Sir:

We have received reports and maps for a Geophysical  
(Electromagnetic and Magnetometer) Survey submitted  
under Special Provisions (credit for Performance  
and Coverage) on Mining Claims L 634802 et al in  
the Township of Beulah.

This material will be examined and assessed and  
a statement of assessment work credits will be  
issued.

Yours sincerely,

S.E. Yundt  
Director  
Land Management Branch  
Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416) 965-1380

A. Barr:mc

cc: Harlin Resources  
c/o R.S. Middleton Exploration Services  
P.O. Box 1637  
Timmins, Ontario  
P4N 7W8  
Attention: Bruce Durham
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Detour Camp
Porcupine Kirkland Lake/Larder Lake Camp
Matachewan Camp
CHRISTIE
Swayze Camp
HARLIN RESOURCES LTD
VERMILION RIVER AREA
PLACER PROPERTY

LEGEND
- Provincial Boundary
- International Boundary
- ▲ Gold Mining Camp
- Provincial Highway

SCALE: 1:1,584,000 or 1" = 25 miles

ROBERT S. MIDDLETON
EXPLORATION SERVICES INC.

HARLIN RESOURCES LTD
VERMILION RIVER AREA
PLACER PROPERTY

Date: JAN 84
Drawn: C. JONES
Approved: File: 23

- - Provincial Boundary
- - International Boundary
▲ Gold Mining Camp
Provincial Highway

SCALE: 1:1,584,000 or 1" = 25 miles

2020
MAGNETOMETER SURVEY
Proton Precession Magnetometer
Total field 58,000 nt
Instrument: Geometrics G-816
Operator: George Dubray
Survey date: April 15-22, 1984
Plotted by:
REVISIONS

ROBERT S. MIDDLETON
EXPLORATION SERVICES INC.

HARLIN RESOURCES LTD.

VERMILLION RIVER PLACER PROPERTY

V.L.F. SURVEY

INSTRUMENT USED - Geonics EM-16

USING STATION NAA FREQUENCY

FACING WEST

Date: MAY 1984

Scale: 1:2500

Approved: FILE M-23
MAGNETOMETER SURVEY
Proton Precession Magnetometer
Total field 58,000 nt
Instrument: Geometrics G-816
Operator: George Dubroy
Survey date: April 15 - 22, 1984
Plotted by:

REVISIONS
ROBERT & MIDDLETON
EXPLORATION SERVICES INC.
for
HARLIN RESOURCES LTD.
VERMILION RIVER PLACER PROPERTY