



52002NE0001 2.13573 MATAPESATAKUN BAY

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2.13573

Report on Horizontal Loop E.M.

And Magnetometer Surveys

Caley Lake Property

Matapesatakon/Caley Lake Areas, Ontario

RECEIVED

OCT 01 1990

MINING LANDS SECTION

NTS: 520/2

D.R.B. Rainsford
September, 1990

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1.0

INTRODUCTION

This report describes a geophysical programme, comprising a total field magnetometer survey and a horizontal loop EM survey, carried out on Bond Gold's Dempster Lake property in September of 1988, by MPH limited. The results of the surveys are discussed in the following pages along with the conclusions that can be drawn from them.

1.1 Location and Access

The claims are located approximately 35 km southwest of the town of Pickle Lake (see Figure 1). Caley Lake may be reached via float plane from Pickle Lake.

1.2 Description of the Claims

Assessment work on a total of 35 contiguous claims is being filed. The claims, which are wholly owned by Bond Gold Canada Inc. are outlined in Figure 2. A complete listing of claims covered by the surveys is found in Appendix I.

1.3 General Geology

The property, which is extensively overburden covered, is underlain by Archean rocks belonging to the Meen - Dempster Lake greenstone belt.

The claim block is composed of a sequence of mafic and intermediate volcanics over/underlain by a mafic source-derived sedimentary unit within the Bancroft Lake volcanic cycle. The Sky Lake Stock intruded the northern portion of the claims, possibly introducing a number of minor shears and dykes. After a period of metamorphism the area was subjected to intrusion by a number of gabbro dykes.

Small scale deformation, associated with strong carbonate and silica alteration within the intermediate volcanics to the west, is abundant.

1.4 Previous Work

In 1986, the Ministry of Northern Development and Mines commissioned a GEOTEM airborne geophysical survey which covered the entire Meen-Dempster Lake greenstone belt.

The Caley Lake group was originally held by Golden Terrace Resources. Ground geophysics and limited diamond drilling were performed on the property.

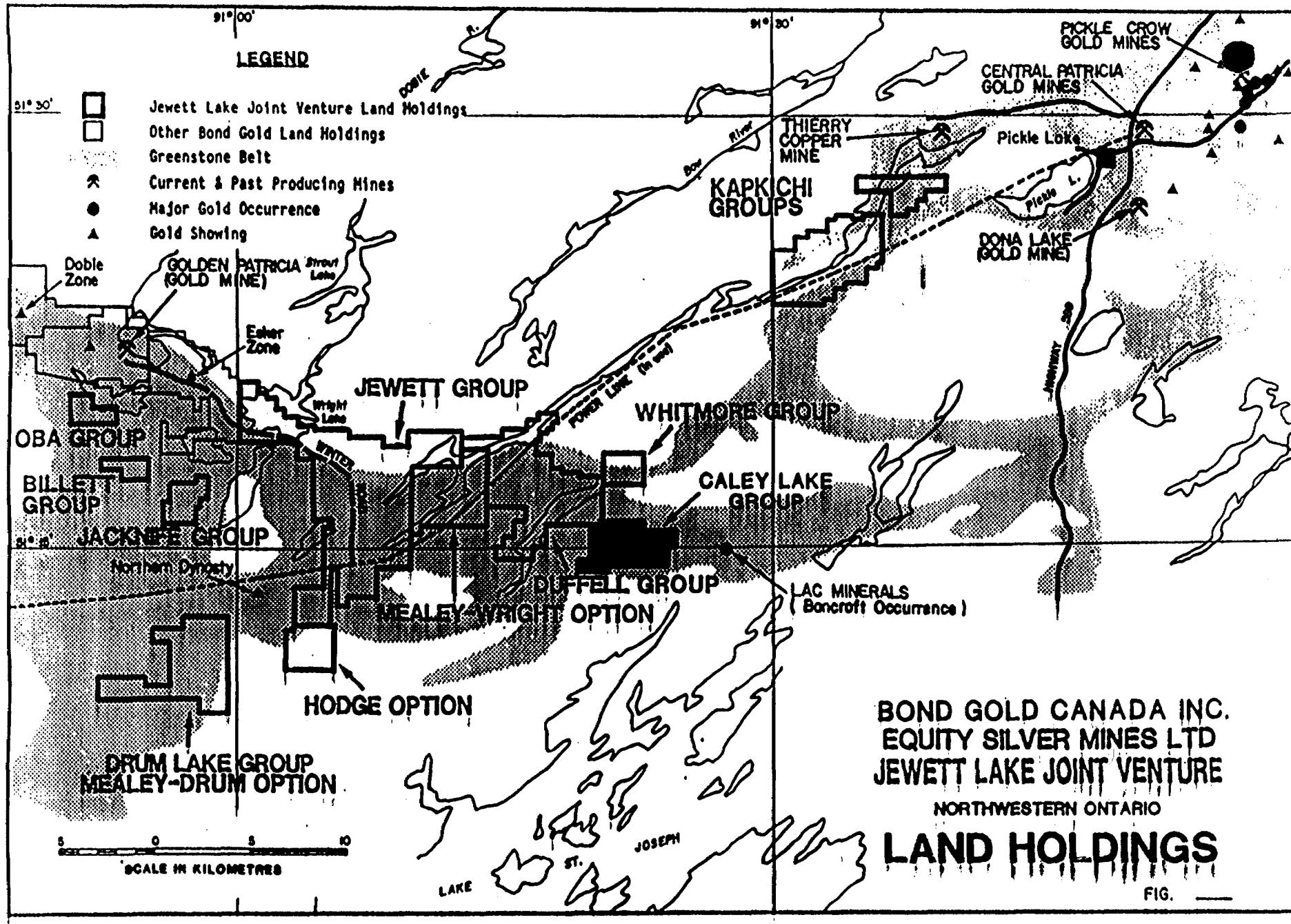
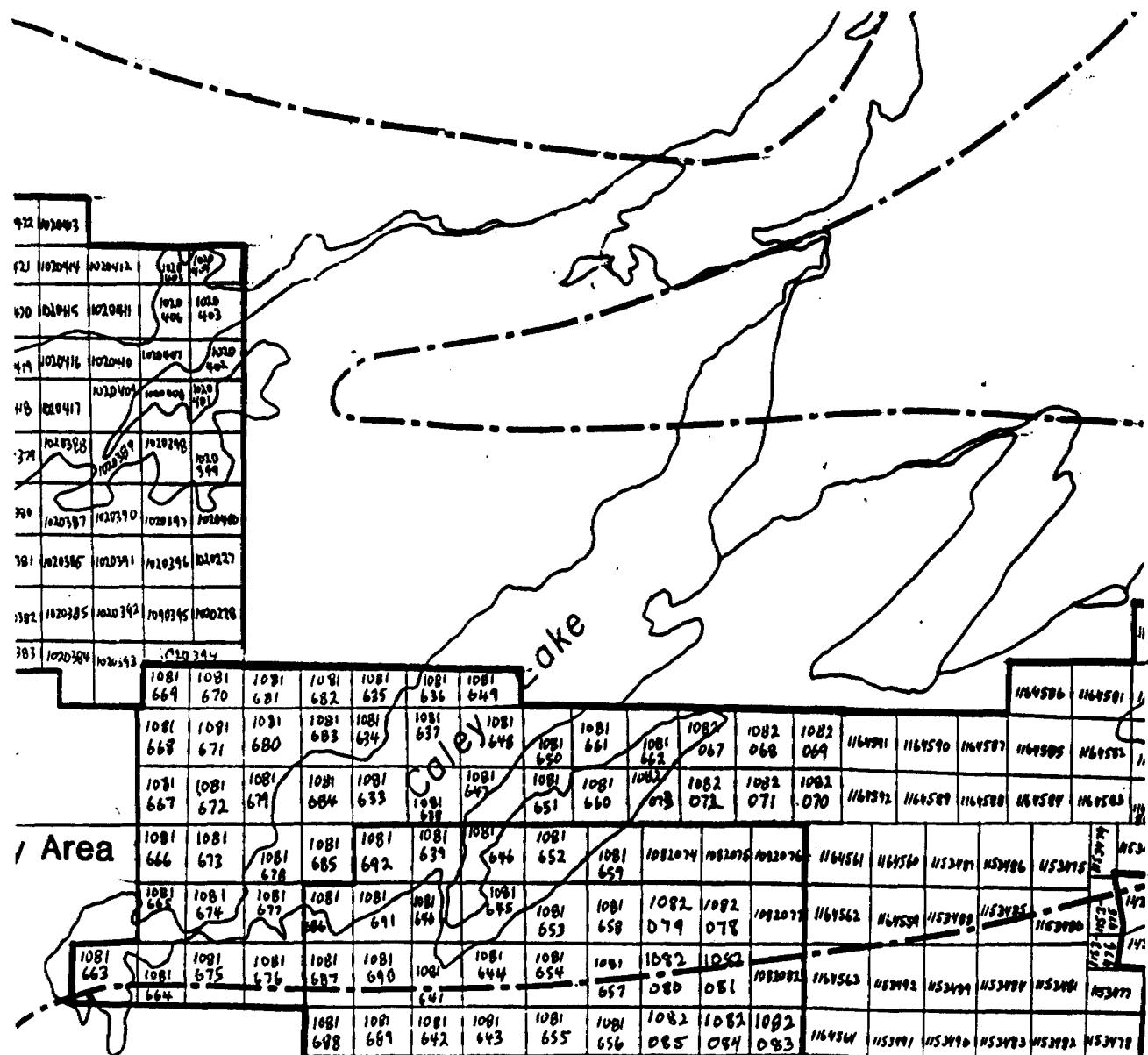


FIGURE 1: Property Location Map



CALEY LAKE GROUP

SCALE 1:50,000
FIGURE 2: Disposition of Claims

2.0

GEOPHYSICAL SURVEYS

The Horizontal Loop EM and Magnetometer surveys were carried out between September 12th and September 17th, 1988. MPH Limited of Toronto, Ontario, performed the work. A summary of survey parameters and statistics may be found in Appendix II.

2.1.0 Instrumentation of Survey Procedures

2.1.1. Magnetometer Survey

The magnetometer survey was performed using an EDA PPM-350 and Omni IV proton precession magnetometers manufactured by Scintrex of Concord, Ontario. The instrument measures the Earth's total magnetic field to a precision of 0.1 nanoTesla. Measurements were made at 12.5 meter intervals along all lines. Corrections for diurnal variations in the ambient field were made by means of a recording base station magnetometer positioned on the grid.

Plotting and contouring at 1:5000 scale, was performed by Bond Gold's geophysical department in Denver using Geosoft mapping software.

2.1.2 Horizontal Loop EM

The horizontal loop EM survey was carried out using a Max-Min II unit manufactured by Apex Parametrics of Uxbridge, Ontario.

The system is capable of measuring In-phase and Quadrature components of the secondary field to a precision of about 0.5%. A nominal transmitter-receiver separation was set at 150 metres and measurements were made, using three frequencies (444Hz, 1777Hz and 3555Hz), at 25 metre intervals.

The data was entered on diskette and plotted, at 1:5000 scale, by Bond Gold's geophysical department in Denver.

2.2.0. Discussion of Results

The reader is referred to the Geophysical Compilation map (number 6) as reference is made to it in the discussion of the magnetometer and HLEM results.

2.2.1 Magnetometer Survey

The contoured magnetic field (see map 2) defines strong magnetic trends following an arcuate pattern. The moderate to strong trends are oriented approximately NW-SE in the western part of the property and are gently folded such that they strike NE-SW in the East. The folding appears to be the result of the intrusion of the Sky Lake pluton to the North.

The stronger magnetic features are ascribed to iron formation which has been noted in the southern part of the grid. These trends can frequently be traced over a distance of a kilometre or more. The weaker and less continuous anomalies are probably the expressions of mafic volcanic flow units containing elevated magnetite.

A circular magnetic feature, centered on line 12E at about 2+50N is inferred to represent a small mafic intrusive plug.

A series of magnetic lineations oriented approximately NW-SE and NE-SW, appear to suggest the presence of shearing and/or faulting. The direction of the lineations is consistent with the development of a conjugate shear set that may have formed during the emplacement of the Sky Lake Pluton.

2.2.2 Horizontal Loop EM Survey

One conductive response dominates the HLEM results. This wide trend has been traced from 1+00N on line 0+00E to about 3+00S on line 19+00E. The western edge of the grid precludes tracing this feature further along strike. The strong magnetic association with the conductor suggests that it is probably a sulphide iron formation. This was confirmed by the drilling of JCA88-29.

Other weaker HLEM anomalies are detected on the property. A full listing is given below:

Target A: Localized very strongly conductive zone in highly magnetic IF. Already tested by JCA88-29.

Line 800E: HLEM axis at 2+25S (very strong 16m wide zone), magnetic axis at 2+05S (medium strength high), medium high priority (MHP).

Target B: Strong multiple conductor on magnetic IF. Southern-most conductor of multiple zone likely the western extension of Target A. Northern conductor not tested. Near structurally complex area magnetically; possible N-S and ENE cross-cutting features.

Line 600E: Northern HLEM axis at 0+80S (s), magnetic axis at 0+90S (m high), MP. Southern HLEM axis at 1+60S (s), magnetic axis at 1+45S (m high), MP.

Target C: Localized very conductive zone within strongly magnetic IF. Probably the easterly continuation of the Target A conductor and associated IF. Near possible magnetic cross structures.

Line 1600E; HLEM axis at 3+82S (s), magnetic axis at 3+85S (s high), MHP.

Target D: Moderate strength localized conductive zone within northernmost IF and near possible intrusive contact and magnetic cross-structures.

Line 900E: Poorly defined HLEM axis at 1+78N (m), magnetic axis at 1+80N (broad High), MLP.

Target E: Moderate strength localized conductor (s) on or near IF between northern and southern prominent IFs. Possible association with magnetic cross-structure.

Line 1500E: HLEM axis at 1+39S (m), magnetic axes at 1+23S and 1+60S (complex multiple high?), MLP.

Target F: Moderate strength localized conductor on IF (possibly the eastern continuation of the southern prominent IF).

Line 2500E: HLEM axis at 2+50S (m), magnetic axis at 2+60S (m high), MLP.

Target G: Moderate strength localized conductor on a prominent IF between the two main Ifs, proximal to a good (magnetic) structural intersection.

Line 3000E: HLEM axis at 1+35S (m), magnetic axis at 1+40S (m high), MP.

Target H: Moderate strength conductor within (?) the Sky Lake Pluton near its SW margin. There is no obvious direct magnetic association and the conductor is not conclusively a bedrock feature. The strike direction of this conductor is not well defined due to incomplete coverage. It is near a small plug-like magnetic high and a possible magnetic cross-structure. Its interesting setting gives it a relatively high priority in spite of its somewhat ambiguous geophysical response.

Line 1200E: HLEM axis at 4+70N (m), magnetics flat, MHP.

Target I: Localized, strongly magnetic high within an erratically magnetic IF (the southernmost IF of the geophysical sequence). It is near possible N-S and ENE cross-structures. There is no coincident HLEM conductor.

Line 500E: HLEM flat, magnetic axis at 2+87S (strong high), MLP.

Target J: Moderate strength localized conductor near the margin (?) of possible pluton in a magnetically complex area near possible cross-structures. Already tested by JCA88-30.

Line 3600E: HLEM axis at 3+60N (m), no direct magnetic association, MP.

3.0

CONCLUSIONS AND RECOMMENDATIONS

The magnetometer survey has delineated the southern edge of the Sky Lake Pluton as well as defining the iron formation that passes through the southern part of the grid. In addition, the magnetics have indicated structural lineations that may be significant with respect to precious metal mineralization.

The HLEM results have indicated the presence of one strong conductive horizon which has been shown to be iron formation. Many weaker conductors remain untested and may warrant further investigation.

In view of the influence of overburden evident in the EM data, targets should first be surveyed with IP, in order to confirm a bedrock source prior to drilling.

APPENDIX I

List of Claims

**List of Claims
Matapesatakon and Caley Lake Areas**

1081639
1081640
1081641
1081642
1081643
1081644
1081645
1081646

1081652
1081653
1081654
1081655
1081656
1081657
1081658
1081659

1081686
1081687
1081688
1081689
1081690
1081691
1081692

1082074
1082075
1082076
1082077
1082078
1082079
1082080
1082081
1082082
1082083
1082084
1082085

APPENDIX II

Summary of Survey Parameters and Statistics

SUMMARY OF SURVEY PARAMETERS AND STATISTICS

Magnetometer Survey

Instruments: EDA PPM 350, Omni IV proton precession magnetometers

Sensitivity: 0.1 nanoTesla

Diurnal Correction: Recording base-station: EDA PPM 375 located on grid

Station Interval: 12.5 meters

Coverage: 45.5 km

Number of Stations Read: 3640

Survey dates: September 12th - 15th, 1988

Operators: Richard Chasse
Claudia Wilck

Horizontal Loop EM Survey

Instrument: Apex Parametrics Max-Min II
Sensitivity: 0.5% In phase and Quadrature Components
Coil Separation: 150 metres
Frequencies: 444Hz, 1777Hz, 3555Hz
Station Interval: 25 metres
Coverage: 45.5 km
Number of Stations Read: 1556
Survey dates: September 12th - 17th, 1990
Operators:
Richard Chasse
Claudia Wilck
Charles Josey
Rob Macfie

APPENDIX III

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Desmond R.B. Rainsford, do hereby certify:

1. THAT I am a Geophysicist in the employ of Bond Gold Canada Inc., with offices at 20 Adelaide Street East, Toronto, Ontario.
2. THAT I graduated from the University of Bristol in 1978, with a Bachelor of Science Degree in Geology.
3. THAT I graduated from the Royal School of Mines, University of London in 1979, with a Master of Science Degree in Geophysics.
4. THAT I am a member of the Society of Exploration Geophysicists, the Canadian Exploration Geophysical Society and the European Association of Exploration Geophysicists.
5. THAT I have practised my profession for over nine years.
6. THAT this report dated September 28, 1990 is based on a review of published and unpublished reports, maps and data and on field work carried out between September 12th and September 17th, 1988.

DATED at Toronto, Ontario this twenty-eighth day of September, 1990.



D.R.B. Rainsford

DRB/td

cal.mag



Ministry of
Northern Development
and Mines

Mining Lands

Report of Work

Mining Act

(Geophysical, Geological and Geochemical Surveys)

W9003.216

DOCUMENT
W9003



S2002NE0001 2.13573 MATAPESTAKUN BAY

900

- Technical Reports and maps in duplicate should be submitted to
Mining Lands Section, Mineral Development and Lands Branch:

| | | |
|---|------------------------------------|---|
| Type of Survey(s) H.L.E.M & MAGNETOMETER | Mining Division PATRICIA | Township or Area G2117 MATAPESTAKUN/CALEY |
| Recorded Holder(s) BOND GOLD CANADA INC. | | Prospector's Licence No. T-3608 |
| Address 1100-20 ADELAIDE STE. TORONTO M5C 2T6 | | Telephone No. 367-1031 |
| Survey Company MPH CONSULTING LTD. | | Date of Survey (from & to) 12 09 88 17 09 88 |
| Name and Address of Author (of Geo-Technical Report) DESMOND RAINSFORD (AS ABOVE) | 213573 | Day Mo. Yr. Day Mo. Yr. |

Credits Requested per Each Claim in Columns at right

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

Date
AUG 1 1990

Recorded Holder or Agent (Signature)
R. Mayhew

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

35

Certification Verifying Report of Work

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

Name and Address of Person Certifying

ROBIN JOLDETT 1100-20 ADELAIDE STE. TORONTO

M5C 2T6

Telephone No.

367-1031

Date

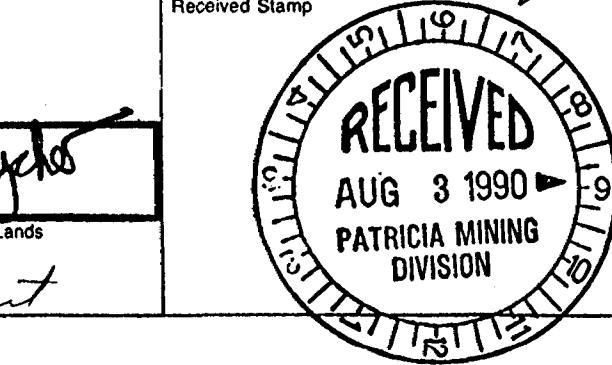
AUG 1 '90

Certified By (Signature)

Received Stamp

For Office Use Only

| | | |
|--|-------------------------------------|-------------------------------------|
| Total Days Cr. Recorded 1400 | Date Recorded AUGUST 3/90 | Mining Recorder R. Mayhew |
| Date Approved as Recorded See revised work statement | Provincial Manager, Mining Lands | |



SCHEDULE "A"

| CLAIM NO. | CREDITS DUE |
|-----------|-------------|
|-----------|-------------|

| | |
|---------|----|
| 1081639 | 40 |
| 1081640 | 20 |
| 1081641 | 30 |
| 1081642 | 20 |
| 1081643 | 20 |
| 1081644 | 20 |
| 1081645 | 40 |
| 1081646 | 40 |
| 1081652 | 40 |
| 1081653 | 20 |
| 1081654 | 20 |
| 1081655 | 20 |
| 1081656 | 20 |
| 1081657 | 20 |
| 1081658 | 20 |
| 1081659 | 30 |
| 1081686 | 40 |
| 1081687 | 20 |
| 1081688 | 20 |
| 1081689 | 20 |
| 1081690 | 20 |
| 1081691 | 30 |
| 1081692 | 40 |
| 1082074 | 20 |
| 1082075 | 20 |
| 1082076 | 20 |
| 1082077 | 20 |
| 1082078 | 20 |
| 1082079 | 20 |
| 1082080 | 20 |
| 1082081 | 20 |
| 1082082 | 20 |
| 1082083 | 30 |
| 1082084 | 30 |
| 1082085 | 30 |

880





Ministry of
Northern Development
and Mines

**Geophysical-Geological-Geochemical
Technical Data Statement**

File _____

**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, ELECTROMAGNETIC

Township or Area MATAPE SATORW, CALEY LAKES

Claim Holder(s) BOND GOLD CANADA INC.

Survey Company M.P.H. LIMITED

Author of Report D.R.B. RAINSFORD

Address of Author 1100 - 20 ADELAIDE EAST, TORONTO

Covering Dates of Survey SEPTEMBER 1
(linecutting to office)

Total Miles of Line Cut 49.4 Km (30.9 miles)

| SPECIAL PROVISIONS CREDITS REQUESTED | DAYS per claim |
|---|---------------------------|
| ENTER 40 days (includes line cutting) for first survey. | Geophysical |
| ENTER 20 days for each additional survey using same grid. | Electromagnetic <u>20</u> |
| | Magnetometer <u>20</u> |
| | Radiometric |
| | Other |
| | Geological |
| | Geochemical |

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

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

DATE: 1/10/90 SIGNATURE: D.R.B. Rainsford
Author of Report or Agent

Res. Geol. _____ Qualifications 2.4517

Previous Surveys

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

MINING CLAIMS TRAVERSED
List numerically

If space insufficient, attach list

Pa. 1081639 Pa. 1082074
(prefix) (number)
Pa. 1081640 Pa. 1082075
Pa. 1081641
Pa. 1081642 Pa. 1082076
Pa. 1081643 Pa. 1082077
Pa. 1081644 Pa. 1082078
Pa. 1081645 Pa. 1082079
Pa. 1081646 Pa. 1082080
Pa. 1081652 Pa. 1082081
Pa. 1081653 Pa. 1082082
Pa. 1081654 Pa. 1082083
Pa. 1081655 Pa. 1082084
Pa. 1081656 Pa. 1082085
Pa. 1081657
Pa. 1081658
Pa. 1081659
Pa. 1081666
Pa. 1081687
Pa. 1081688
Pa. 1081689
Pa. 1081690
Pa. 1081691
Pa. 1081692

TOTAL CLAIMS 35

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations Mag: 3640, EM: 1556 Number of Readings Mag: 3640, EM: 1556
 Station interval Mag: 12.5 metres, EM: 25 metres Line spacing 100 metres
 Profile scale 1cm = 10⁸
 Contour interval 25 mT

MAGNETIC

Instrument EDE PPM 350, OMNI IV
 Accuracy — Scale constant 0.1 nT
 Diurnal correction method RECORDING BASE STATION
 Base Station check-in interval (hours)
 Base Station location and value L 14006 / 050N value 59,856 nT

ELECTROMAGNETIC

Instrument MAX-MIN II
 Coil configuration HORIZONTAL LOOP
 Coil separation 150 m
 Accuracy 0.5%
 Method: Fixed transmitter Shoot back In line Parallel line
 Frequency 444 Hz, 1777 Hz, 3555 Hz
(specify V.L.F. station)
 Parameters measured IN PHASE, QUADRATURE

GRAVITY

Instrument _____
 Scale constant _____
 Corrections made _____
 Base station value and location _____
 Elevation accuracy _____

INDUCED POLARIZATION

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 _____



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
169 Cedar Street, 4th Floor
SUDBURY, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Your File: W9003.216
Our File : 2.13573

November 30, 1990

Mining Recorder
Ministry of Northern Development and Mines
Court House Building
P. O. Box 3000
SIOUX LOOKOUT, Ontario
POV 2T0

Dear Madam/Sir:

RE: Notice of Intent dated October 24, 1990 for Geophysical
(Electromagnetic & Magnetometer) Survey submitted on
Mining Claims PA 1081641 et al in Matapesatakon/Caley.

The assessment work credits, as listed with the above
mentioned Notice of Intent have been approved as of the above
date.

Please inform the recorded holder of these mining claims and
so indicate on your records.

Yours sincerely

R. C. Gashinski
A/Provincial Manager, Mining Lands
Mines and Minerals Division

DM/dvl
Enclosure

cc: Mr. W. D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Sioux Lookout, Ontario

Bond Gold Canada Inc.
Toronto, Ontario



Ministry of
Northern Development
and Mines

Technical Assessment
Work Credits

File

2.13573

Date

24 Oct., 1990

Mining Recorder's Report of
Work No. W9003.216

Recorded Holder

BOND GOLD CANADA INC

Township or Area

MATAPESATAKON, CALEY

| Type of survey and number of Assessment days credit per claim | Mining Claims Assessed |
|--|--|
| Geophysical | |
| Electromagnetic _____ 20 days | PA 1081641 to 644 incl. |
| 20 | 1081653 to 659 incl. |
| Magnetometer _____ days | 1081687 to 691 incl. |
| Radiometric _____ days | 1082074 to 082 incl. |
| Induced polarization _____ days | |
| Other _____ days | |
| Section 77 (19) See "Mining Claims Assessed" column | |
| Geological _____ days | |
| Geochemical _____ days | |
| Man days <input type="checkbox"/> | Airborne <input type="checkbox"/> |
| Special provision <input checked="" type="checkbox"/> | Ground <input checked="" type="checkbox"/> |
| <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant. | |

Special credits under section 77 (16) for the following mining claims

15 days Magnetometer and Electromagnetic PA 1082083

10 days Magnetometer and Electromagnetic PA 1081639 - 40, 1081686, 1082084 - 85

5 days Magnetometer and Electromagnetic PA 1081645 - 46, 1081652

No credits have been allowed for the following mining claims

 not sufficiently covered by the survey insufficient technical data filed

PA 1081692

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



**Ministry of
Northern Development
and Mines**

Mining Act

Report of Work

(Geophysical, Geological and Geochemical Surveys)

DOCUMENT No.
W9003-216

RECEIVED AUG 23 1990

REO
Instructions

- Please type or print.
 - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

| | | |
|--|--|--|
| Type of Survey(s) H.L.E.M & MAGNETOMETER | Mining Division PATRICIA | Township or Area G2117 MATAPESAKUN/CALEY |
| Recorded Holder(s) BOND GOLD CANADA INC. | Prospector's Licence No. T-3608 | |
| Address 100-20 ADELAIDE ST E TORONTO M5C 2T6 | Telephone No. 367-1031 | |
| Survey Company MPM CONSULTING LTD. | 2,13573 | |
| Name and Address of Author (of Geo-Technical Report) DESMOND RANSFORD (AS ABOVE) | Date of Survey (from & to) 12 09 88 / 17 09 88 | |

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence) _____

| Credits Requested per Each Claim in Columns at Right | | | Mining Claims Traversed (List in numerical sequence) | | | | | |
|---|---|--|--|--------|--------------|--------|--------------|--------|
| Special Provisions | Geophysical | Days per Claim | Mining Claim | | Mining Claim | | Mining Claim | |
| | | | Prefix | Number | Prefix | Number | Prefix | Number |
| | | For first survey: Enter 40 days. (This includes line cutting) | - Electromagnetic | | | | | |
| | For each additional survey: using the same grid: Enter 20 days (for each) | - Magnetometer | 20 | | | | | |
| | | - Other H.L.E.M. | 20 | | | | | |
| | | Geological | | | | | | |
| | Geochemical | | | | | | | |
| Man Days | Geophysical | Days per Claim | | | | | | |
| Complete reverse side and enter total(s) here | - Electromagnetic | | | | | | | |
| | - Magnetometer | | | | | | | |
| | - Other | | | | | | | |
| | Geological | | | | | | | |
| | Geochemical | | | | | | | |
| Airborne Credits | | Days per Claim | | | | | | |
| Note: Special provisions credits do not apply to Airborne Surveys. | Electromagnetic | | | | | | | |
| | Magnetometer | | | | | | | |
| | Other | | | | | | | |

PATRICIA MINING DIVISION
 PLEASE SEE SCHEDULE "A"

DUPPLICATE COPY

DUPLICATE
COPY

Total miles flown over claim(s).

| | |
|------------|--------------------------------------|
| Date | Recorded Holder or Agent (Signature) |
| AUG 1 1990 | <i>[Signature]</i> |

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

35

Certification Verifying Report of Work

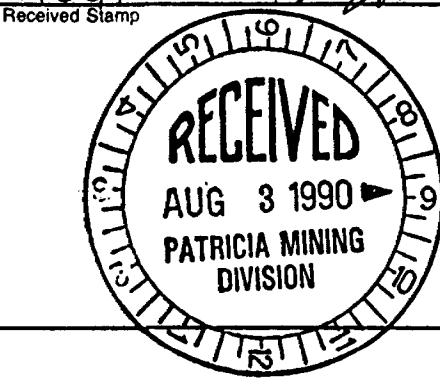
I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying

~~ROBERT DODD~~ 1100 - 20 ADELAIDE ST. TORONTO
Telephone No. Date Certified By (Signature)
M5C 2T6 367-1031 AUG 1 '90 

For Office Use Only

| | | |
|-------------------------|---------------------------|----------------------------------|
| Total Days Cr. Recorded | Date Recorded | Mining Recorder |
| 1400 | AUGUST 3/90 | R. Mayko |
| | Date Approved as Recorded | Provincial Manager, Mining Lands |



SCHEDULE "A"

CLAIM NO. CREDITS DUE

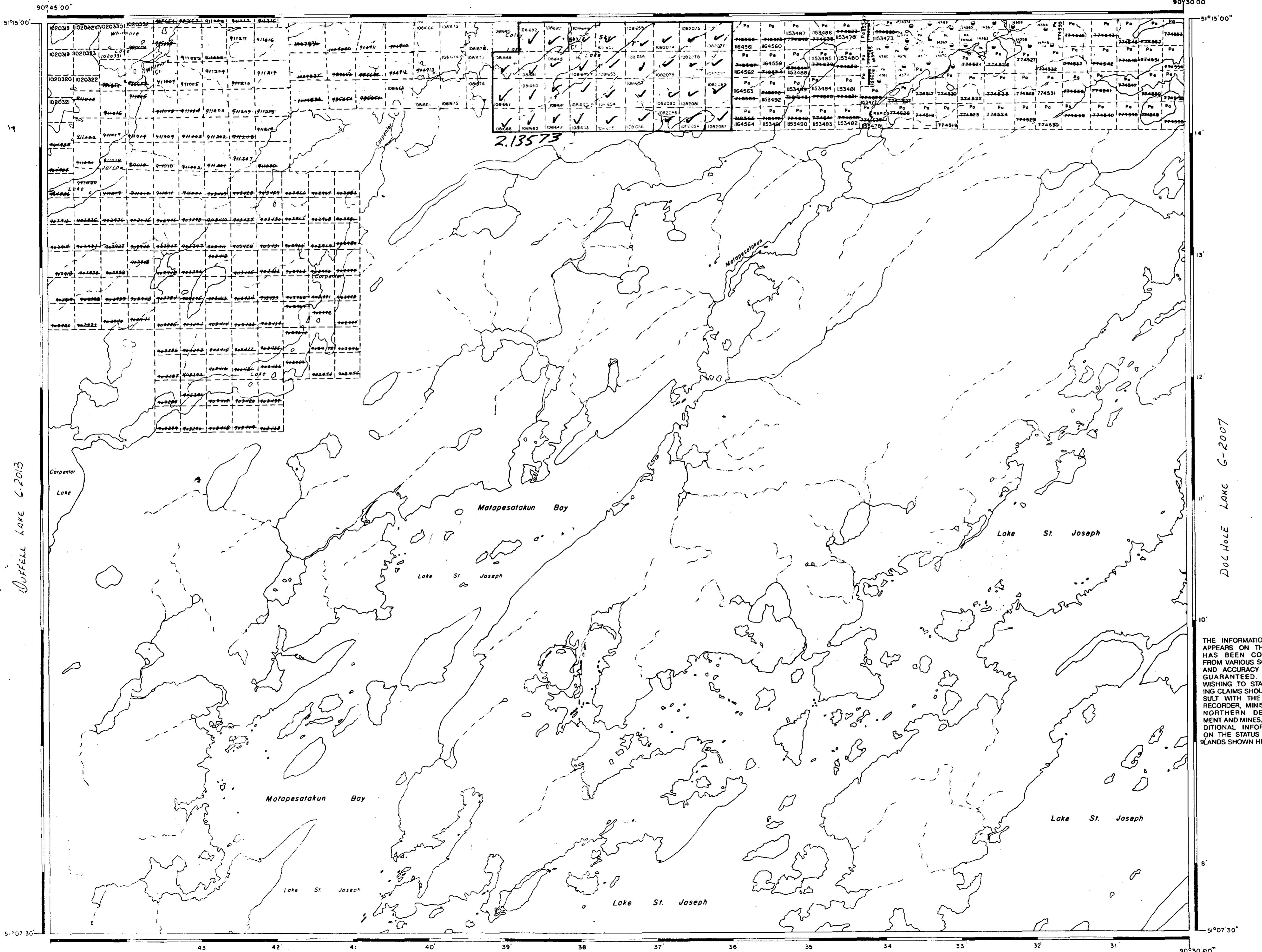
| | |
|---------------|----|
| 1081639 | 40 |
| ✓ 1081640 | 20 |
| ✓ 1081641 | 30 |
| ✓ 1081642 | 20 |
| ✓ 1081643 | 20 |
| ✓ 1081644 | 20 |
| ✓ 1081645 | 40 |
| ✓ 1081646 | 40 |
| ✓ 1081652 | 40 |
| ✓ 1081653 | 20 |
| ✓ 1081654 | 20 |
| ✓ 1081655 | 20 |
| ✓ 1081656 | 20 |
| ✓ 1081657 | 20 |
| ✓ 1081658 | 20 |
| ✓ 1081659 | 30 |
| ✓ 1081686 | 40 |
| ✓ 1081687 | 20 |
| ✓ 1081688 | 20 |
| ✓ 1081689 | 20 |
| ✓ 1081690 | 20 |
| ✓ 1081691 | 30 |
| ✗ 1081692 | 40 |
| ✓ 1082074 | 20 |
| ✓ 1082075 | 20 |
| ✓ 1082076 | 20 |
| ✓ 1082077 | 20 |
| ✓ 1082078 | 20 |
| ✓ 1082079 | 20 |
| ✓ 1082080 | 20 |
| ✓ 1082081 | 20 |
| ✓ 1082082 | 20 |
| ✗ 1082083 | 30 |
| ✗ 1082084 | 30 |
| ✗ 1082085 | 30 |

880



Sept. 2, 1987
July 5/90 C
JULY 27/90 R
Sept 14/90 C

CALEY LAKE G-1975



LEGEND

| | |
|------------------------------------|--|
| HIGHWAY AND ROUTE No. | |
| OTHER ROADS | |
| RAILS | |
| 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 | |
| TRANSVERSE MONUMENT | |

DISPOSITION OF CROWN LANDS

| <u>TYPE OF DOCUMENT</u> | <u>SYMBOL</u> |
|---------------------------------------|---------------|
| PATENT, SURFACE & MINING RIGHTS | ● |
| " , SURFACE RIGHTS ONLY..... | ○ |
| " , MINING RIGHTS ONLY | ○ |
| LEASE, SURFACE & MINING RIGHTS | ■ |
| " , SURFACE RIGHTS ONLY..... | □ |
| " , MINING RIGHTS ONLY | □ |
| ENCLOSURE OF OCCUPATION | ▼ |
| ORDER-IN-COUNCIL | OC |
| RESERVATION | ○ |
| CANCELLED | ◎ |
| LAND & GRAVEL | ○ |

REFERENCES

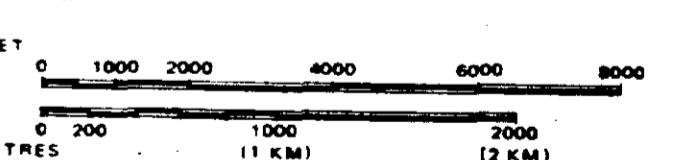
AREAS WITHDRAWN FROM DISPOSITION

| Description | Order No. | Date | Disposition | File |
|-------------|---------------|------|-------------|------|
| | JUNE 5, 1984 | | | |
| | JULY 31, 1984 | | APRIL 14/86 | |
| | SEPT 13, 1984 | | OCT. 30/86 | |
| | OCT. 11 1984 | | JUN. 18/87 | |
| | | | 89-04-25 | |

LOADING

ooding rights to contour 1230' on Lake St. Joseph
Ontario Hydro L.O. 8652 PLAN Y4I-9
les 99322, 92343

SCALE: 1 INCH = 40 CHAINS



854

ATAPESATAKUN BAY

(LAKE ST. JOSEPH)
S.N.R. ADMINISTRATIVE DISTRICT OF FIVE

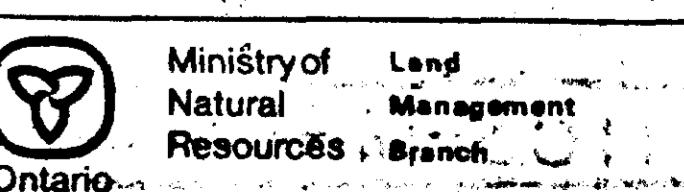
REGULAR
OCT - 4 1990

NING DIVISION **UCT** **PATRICIA MINI** **CISION**

PATRICIA

AND TITLES / REGISTRY DIVISION

KENOBA (PATRICIA BORTON)



10. The following table shows the number of hours worked by each employee.

6-3117

6-2117

Bond Gold Canada Inc.

Caley Lake Project
Northwestern Ontario

Posted Total Field Magnetic Values

Prepared by: Geophysics Department - Denver, Colorado
Collected by: MPH Consulting
Plot Date: August 1990

1
JDR Ransford

Scale 1:5000

50 0 50 100 150 200 250
(metres)

2.13573

Posted values in nanoteslas

500 N

L 0

L 100 E

L 200 E

L 300 E

L 400 E

L 500 E

L 600 E

L 700 E

L 800 E

L 900 E

L 1000 E

L 1100 E

L 1200 E

L 1300 E

L 1400 E

L 1500 E

L 1600 E

L 1700 E

L 1800 E

L 1900 E

L 2000 E

L 2100 E

L 2200 E

L 2300 E

L 2400 E

L 2500 E

L 2600 E

L 2700 E

L 2800 E

L 2900 E

L 3000 E

L 3100 E

L 3200 E

L 3300 E

L 3400 E

L 3500 E

L 3600 E

L 3700 E

L 3800 E

L 3900 E

500 N

500 S



Bond Gold Canada Inc.

Caley Lake Project
Northwestern Ontario

Total Field Magnetic Contours

Prepared by: Geophysics Department - Denver, Colorado
Collected by: MPH Consulting
Plot Date: August 1990

D.R.B. Reinford
2

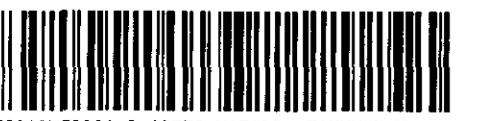
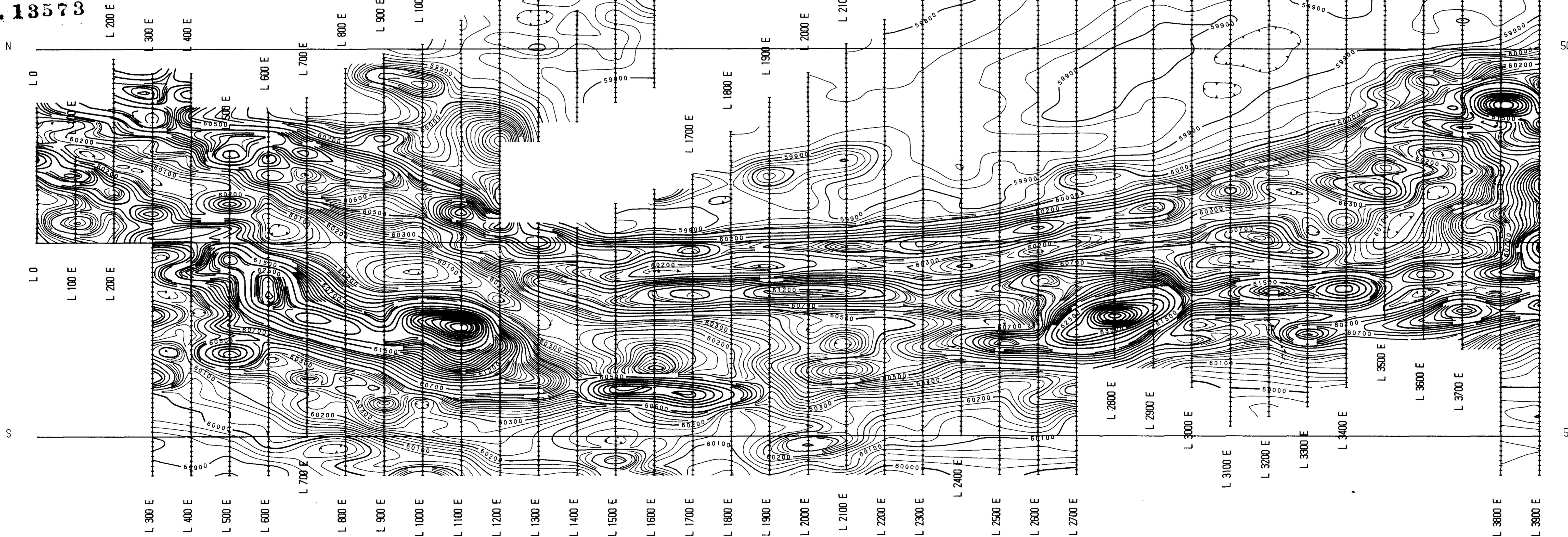
Scale 1:5000
50 0 50 100 150 200 250
(metres)

Contour interval: 25 gammas

Grid was low pass filtered
with a nine point Hanning filter

2.13573

500 N



S2002NE0001 2.13573 MATAPESATAKUN BAY

Bond Gold Canada Inc.

Galey Lake Project
Northwestern Ontario

Horizontal Loop

Posted EM Profiles - 444 Hz.

Prepared by: Geophysics Department - Denver, Colorado
Collected by: MPH Consulting
Plot Date: August 1990

3

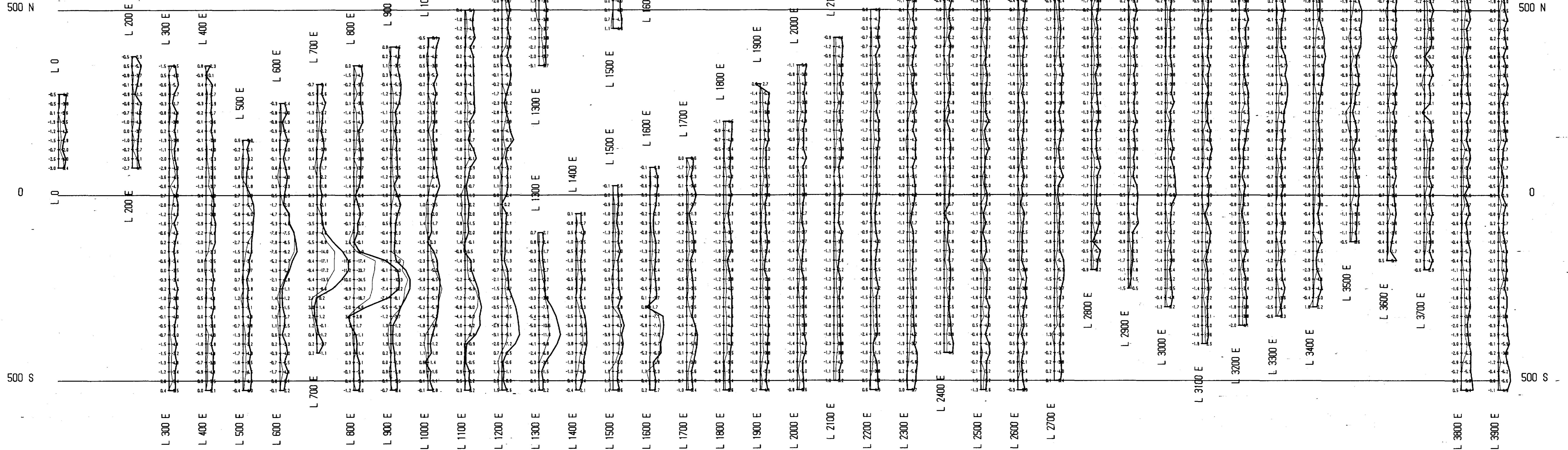
Scale 1:5000
50 0 50 100 150 200 250
(metres)

2.13573

Coil separation: 150 meters

Vertical data scale: 10% per cm.

In-phase: thick solid lines
Out-of-phase: thin solid lines
In-phase values posted to right of lines
Out-of-phase values posted to left of lines



5202NE0001 2.13573 MATAPESTAKUN BAY

Bond Gold Canada Inc.

Caley Lake Project
Northwestern Ontario

Horizontal Loop
Posted EM Profiles - 1777 Hz.

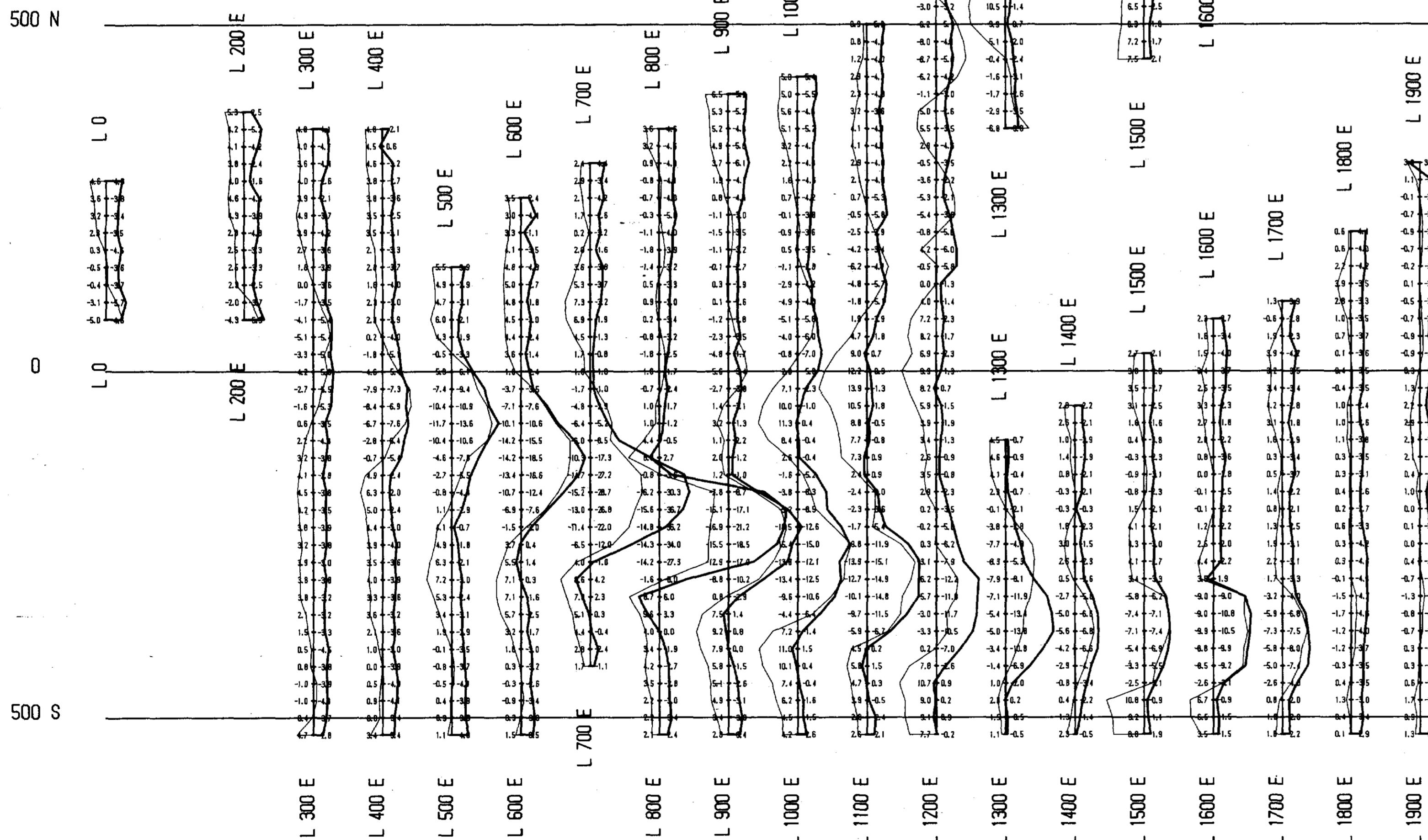
Prepared by: Geophysics Department - Denver, Colorado
Collected by: MPH Consulting
Plot Date: August 1990

Scale 1:5000
50 0 50 100 150 200 250
(metres)

2.13573

Coil separation: 150 meters
Vertical data scale: 10% per cm.

In-phase: thick solid lines
Out-of-phase: thin solid lines
In-phase values posted to right of lines
Out-of-phase values posted to left of lines



S2082NE0001 2.13573 MATAPESTAKUN DAY

Bond Gold Canada Inc.

Galey Lake Project
Northwestern Ontario

Horizontal Loop

Posted EM Profiles - 3555 Hz.

Prepared by: Geophysics Department - Denver, Colorado
Collected by: MPH Consulting
Plot Date: August 1990

Scale 1:5000

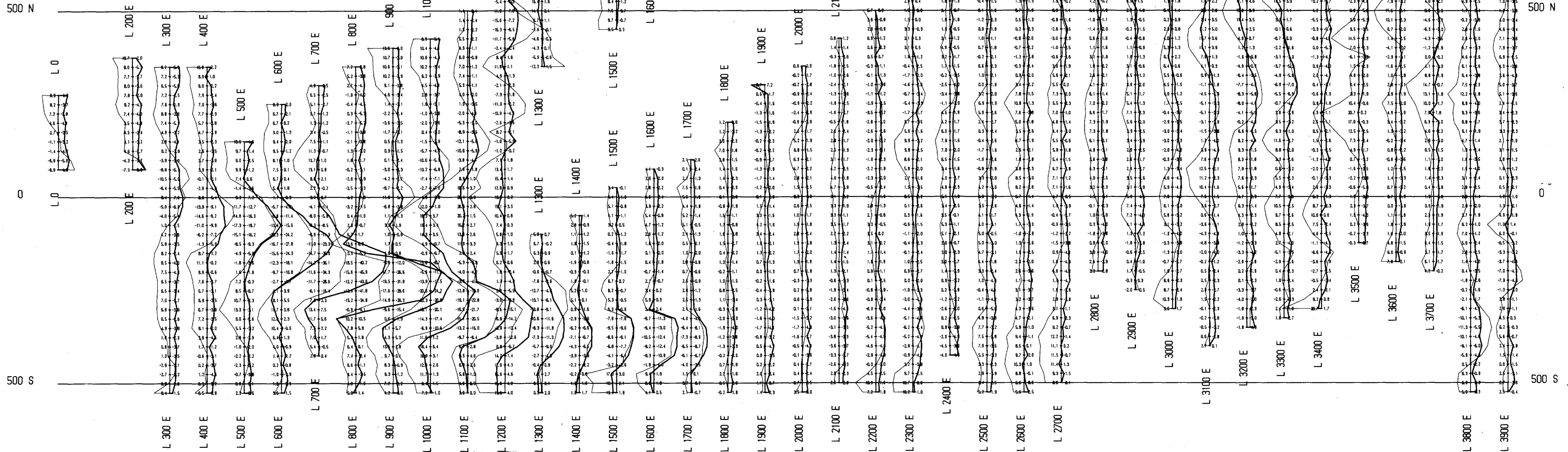
50 0 50 100 150 200 250

(metres)

2.13573

Coil separation: 150 meters
Vertical data scale: 10% per cm.

In-phase: thick solid lines
Out-of-phase: thin solid lines
In-phase values posted to right of lines
Out-of-phase values posted to left of lines



52002NE0001 2.13573 MATAPESAKUM BAY

250

