

41016NW0024 2.4892 HORWOOD

010

REPORT ON
GROUND VLF AND GROUND MAGNETICS

POTIHO
FOUR, ONTARIO

BY
JOSE LUIS SEARA

GOLD FIELDS MINING CORPORATION
MISSISSAUGA, ONTARIO.

RECEIVED

JUN 25 1982

MINING LANDS SECTION

REPORT ON
GROUND VLF AND GROUND MAGNETICS

Potimo
Foleyet, Ontario

By
Jose Luis Seara

1. INTRODUCTION:

In March 1982 line cutting and ground geophysics were carried out by Gold Fields Canadian Mining Ltd. A total of 34.98 km of grid were cut and chained. Geophysical follow up consisted of 31 km of ground VLF data acquired on 26 lines, with station intervals of 25 m. Ground magnetics consisted of 35.5 km of magnetics data required on 26 lines at a station interval of 25m.

2. SURVEY LOCATION:

The survey location is located in the Foleyet region (Northeastern Ontario), about 60 miles from Timmins on Highway 101. Palimar Road is located 21 km from Foleyet, 300 m from Highway 101 on Palimar Road is Horwood Dom Road (left turn). Horwood Lake is approx. 20 km from this point. Potimo grid is 31 km south on Horwood Lake.

3. DESCRIPTION OF GRID:

Main base line 0+00 was turned off existing base line at Azimuth of 68 degrees from the Horwood and Dale Township lines. Lines were turned off every 125 m. and chained at 25 m. station intervals.

Lines west of Line 0+00 were off of sub base line 7+50N.

4. GEOLOGY:

The Potimo claim group is underlain by an east-west trending sequence of mafic volcanics. An E.-N.E. trending shear zone occurs on the property. The main

shear is composed of carbonatized mafic volcanics intruded by dykes of quartz-feldspar porphyry.

5. TOPOGRAPHY:

Gently rolling forested area with steep slopes near lake. Part of western end of the grid is on Horwood Lake.

6. SURVEY PERSONNEL:

Magnetics: Bryan Strapp Dave Glidden

VLF: Gayle Fox Bryan Strapp

7. EQUIPMENT:

7.1 Ground VLF:

The equipment used during the survey was the Phoenix VLF-2. This receiver measures the orientation and magnitude of the major and minor axis of the ellipse of polarization, by means of the parameter dip angle (in degrees) and resultant field strength, RFS (in percent).

7.2 Ground Magnetics:

The measurement of earth's total field were taken with the EDA total field magnetometer Model PPM-300 providing a 0.1nT sensitivity. Diurnal change was monitored by a total field base station EDA Model PPM-400.

8. METHOD AND PROCEDURE:

8.1 Ground VLF:

The VLF method uses powerful radio transmitters that induce electric currents in conductive bodies. The direction of the flux of lines is horizontal and perpendicular to the VLF transmitter. The Cutler, Maine station (NAA, 17.8 KHz) was selected.

Dip-angle and field strength readings were taken every 25 m., making a total of 1240 readings.

8.2 Ground Magnetics:

Measurement of the total field were taken every 25 meters. All magnetometers used in the survey are programmable, automatically recording field readings, time of readings, line and station co-ordinates, a qualitative measurement of the gradient imposed on the sensor and signal strength or orientation of the sensor. Thus, the diurnal corrections are accomplished automatically by cable connecting each field unit in turn to the base station recorder and activating a pre-programmed correction program.

The base station recorder will interpolate and apply the diurnal correction, subtract the reference field and pass the survey data to a DCU-400 printer.

Base Station was located on 0+70N at 6+15E on the Pine Cone property. Base station interval was 20 seconds, with a value of 59,488 gammas. (A total of 1420 field stations were recorded).

9. DATA PRESENTATION:

9.1 Ground Magnetics:

Total field is presented on maps MAG-1 and MAG-2. (Scale 1:2500).

9.2 Ground VLF:

Two methods of presentation are utilized:

a) Profiles plots of true dip angle in degrees (1 cm = 10 degrees) together with the field strength in contour format. Present on maps VLF-1 and VLF-2.

b) A contour plan section of the convolution of the Fraser Filter and the dip angle is presented in Maps FF-1 and FF-2.

9.3 Interpretation overlay map number INT-1.

10. RESULTS AND INTERPRETATION:

On the basis of magnetic background several domains have been discriminated, see map number INT-1, mainly

felsic, intermediated and mafic volcanics. Also a possible intrusive structure has been located north of the property that has the feature of an intrusive plug. This plug appears to be faulted, and therefore potentially attractive for gold deposition.

Two major faults cross the property East-West and a possibility of Syncline folding is also possible at the East side, see map number 4b.

The VLF conductors or shear zones have been marked on the overlay in some cases the anomalies coincide with boundaries of the different domains.

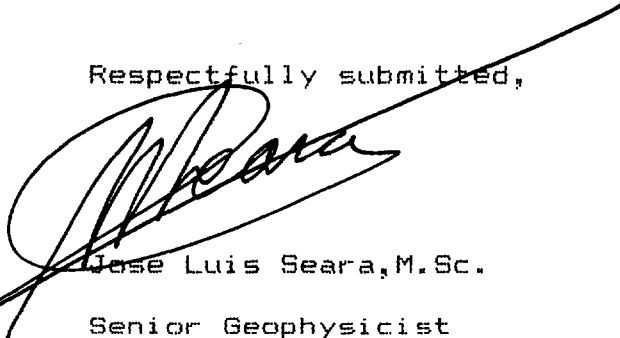
11. CONCLUSIONS AND RECOMMENDATIONS:

The magnetics and VLF data have been able to delineate some clues about the geology of these claims. Three different geological domains were found with magnetics. Different faults mainly running E-W have been depicted.

Special attention should be given to the intrusive plug and its associated fault.

It is recommended to carry out some detail I.P. surveys over some of the areas mentioned above if soil geochemistry gives positive results.

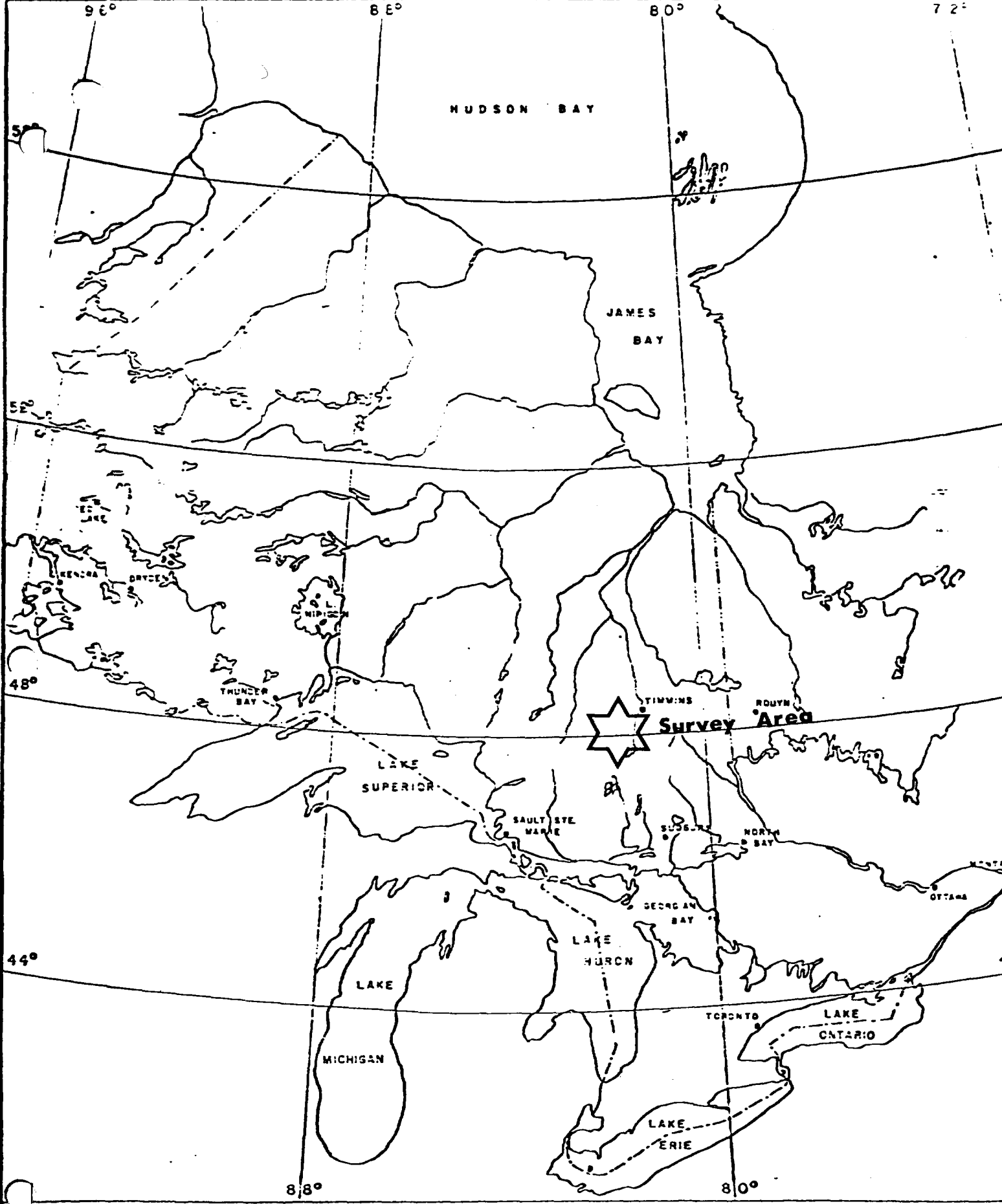
Respectfully submitted,



José Luis Seara, M.Sc.

Senior Geophysicist

GOLD FIELDS Mining Corporation



Outline Map of ONTARIO

Scale: 1" ≈ 125 Miles

LOCATION MAP

Figure 1



Ministry of Natural Resources

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

#186



41016NW0024 2.4892 HORWOOD

900

The Mill

Horwood Twp.

| | |
|---|---|
| Type of Survey(s) Magnetometer and Electromagnetic - VLF | Township or Area Horwood Township |
| Claim Holder(s) Gold Fields Resources Canada Limited | Prospector's Licence No. T-1028 |
| Survey Company Gold Fields Resources | Survey Dates (linecutting to office) March 1982 |
| | Total Miles of line Cut 34.6 Km |
| Name and Address of Author (of Geo-Technical report) #335-230 Lakeshore Road East, Mississauga, Ontario L5G 1G8 | |

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

| Mining Claims Traversed (List in numerical sequence) | | | Mining Claims Traversed (List in numerical sequence) | | |
|--|--------|------------------|--|-------------------|------------------|
| Prefix | Number | Expend. Days Cr. | Prefix | Number | Expend. Days Cr. |
| P | 625893 | | P | 625943 | |
| | 625894 | | | 625982 | |
| | 625895 | | | 625892 | |
| | 625896 | | | | |
| | 625897 | | | | |
| | 625898 | | | | |
| | 625899 | | | | |
| | 625900 | | | | |
| | 625901 | | | | |
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| | 625935 | | | | |
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| | 625937 | | | | |
| | 625938 | | | | |
| | 625939 | | | | |
| | 625940 | | | | |
| | 625941 | | | | |
| | 625942 | | | | |

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

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

Expenditures (excludes power stripping)

Type of Work Performed: PORCUPINE MINING DIVISION

Performed on Claim(s): RECEIVED

MAY 20 1982

Calculation of Expenditures, Days Credits

Total Expenditures: \$ [] + 15 = []

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.

RECORDED

MAY 20 1982

Receipt No. []

See reverse

Report Completed

Date of Report: May 19/82

Recorded Holder or Agent (Signature): William R Troup

For Office Use Only

Total Days Cr. Recorded: 1620

Date Recorded: May 20/82

Date Approved as Recorded: []

Regional Mining Recorder: []

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: W. Troup

#335-230 Lakeshore Road E. Mississauga L5G1G8

Date Certified: May 17/82

Certified by (Signature): William R Troup

RECEIVED

MAY 31 1982

MINING LANDS SECTION



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 and Electromagnetic - VLF
Township or Area Horwood Township
Claim Holder(s) Gold Fields Resources Canada Limited
#335-230 Lakeshore Rd. East, Mississauga L5G 1G8
Survey Company Gold Fields Resources Canada Limited
Author of Report Jose L. Seara
Address of Author #335-230 Lakeshore Rd. E. Mississauga
Covering Dates of Survey March 25 - June 2, 1982
(linecutting to office)
Total Miles of Line Cut 34.98 Km.

(Potino Property)

MINING CLAIMS TRAVERSED
List numerically

| | | | |
|--------------|-------------------------|----|-------------------------|
| P | 625901 | P | 625935 |
| | <small>(prefix)</small> | | <small>(number)</small> |
| | 625902 | | 625936 |
| | 625903 | | 625937 |
| | 625904 | | 625938 |
| | 625905 | | 625939 |
| | 625906 | | 625940 |
| | 625907 | | 625941 |
| | 625908 | | |
| | 625909 | | |
| | 625910 | | |
| | 625911 | | |
| | 625942 | | |
| | 625943 | | |
| | 625892 | | |
| | 625893 | | |
| | 625894 | | |
| | 625895 | | |
| | 625896 | | |
| | 625897 | | |
| | 625898 | | |
| | 625899 | | |
| | 625900 | | |
| TOTAL CLAIMS | | 22 | 27 |

If space insufficient, attach list

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

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

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

DATE: June 23/82 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. _____ Qualifications 24644

Previous Surveys

| File No. | Type | Date | Claim Holder |
|----------|------|------|--------------|
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OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1240 Number of Readings VLF - 1240 Mag - 1420
Station interval 25 metres Line spacing 125 metres
Profile scale 1"=20° (dip angle) 1"=100° (horizontal field strength)
Contour interval 25 gammas

MAGNETIC

Instrument Proton Precession Total Field
Accuracy – Scale constant .1 NT
Diurnal correction method automatic programmable
Base Station check-in interval (hours) 20 seconds
Base Station location and value 0+70N at 6+15E

ELECTROMAGNETIC

Instrument Phoenix VLF - 2
Coil configuration -
Coil separation -
Accuracy + 1° (dip angle) 20° (horizontal field strength)
Method: [x] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency 17.8 Khz, Cutler, Maine
Parameters measured Horizontal Field Strength and Dip Angle (specify V.L.F. station)

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

2.4892

1983 07 25

115519

2.4892

Mr. William L. Good
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir: *7 pages 1/2500*

RE: Geophysical (Electromagnetic and Magnetometer) Survey
on Mining Claims P 625901 et al in the Township of Horwood

410/15NR

2nd

The Geophysical (Electromagnetic and Magnetometer) Survey
assessment work credits as listed with my Notice of Intent
dated June 30, 1983 have been approved as of the above
date.

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

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-1380

R. Pichette:mc

cc: Gold Fields Resources Canada Limited
Suite 235
230 Lakeshore Road East
Mississauga, Ontario
L5G 1G8

cc: Resident Geologist
Timmins, Ontario

1983 06 30

| | |
|------------------|--------------------------------------|
| Recorded Holder | GOLD FIELDS RESOURCES CANADA LIMITED |
| Township or Area | HORWOOD TOWNSHIP |

| Type of survey and number of Assessment days credit per claim | Mining Claims Assessed |
|--|--|
| Geophysical Electromagnetic _____ 20 days Magnetometer _____ 40 days Radiometric _____ days Induced polarization _____ days Section 86 (18) _____ days 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. <p style="text-align:center">77(16)</p> | P 625892 to 903 inclusive P 625906 to 911 inclusive |

Special credits under section 86(15) for the following mining claims

5 Days Electromagnetic & 10 days Magnetometer
 P625941
 P625942
 P625943

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed
 P 625935 to 940 inclusive

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 86(18)-60:



Ministry of
Natural
Resources

July 15/83

Your file:

Our file:

1983 06 30

2.4892

Mr. William L. Good
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

R. Pichette:mc

cc: Gold Fields Resources Canada Limited
Suite 335
230 Lakeshore Road East
Mississauga, Ontario
L5G 1G8

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Encls:



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1983 06 30

2.4892

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Mining Lands Comments

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To: Geophysics *Mr. Barlow*

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| Comments |
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|--|---|-------------------------|----------------------------|
| <input checked="" type="checkbox"/> Approved | <input type="checkbox"/> Wish to see again with corrections | Date <i>April 29/83</i> | Signature <i>R. Barlow</i> |
|--|---|-------------------------|----------------------------|

To: Geology - Expenditures

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| Comments |
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| <input type="checkbox"/> Approved | <input type="checkbox"/> Wish to see again with corrections | Date | Signature |
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To: Geochemistry

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| Comments |
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| <input type="checkbox"/> Approved | <input type="checkbox"/> Wish to see again with corrections | Date | Signature |
|-----------------------------------|---|------|-----------|

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

1982 07 05

2.4892

Mining Reworder
Ministry of Natural Resources
600 Wilson Avenue
Timmins, Ontario
P4N 2B7

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 P 625901 et al in the Township of Horwood.

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

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

J. Skura/sc

c.c. Gold Fields Resources Canada Limited
Mississauga, Ontario
Attn: Jose L. Seara

GOLD FIELDS CANADIAN MINING, LTD.

A Consolidated Gold Fields Group Company

230 LAKESHORE ROAD EAST, SUITE 335
MISSISSAUGA, ONTARIO L5G 1G8
PHONE: (416) 271-0181
TELEX 06-960446

June 24, 1982

Mining Lands Section
Land Mangement Branch
Ministry of Natural Resources
Room 6450, Whtiney Block
Queen's Park

Attention: Ms. J. Skura

Dear Madam:

Enclosed is a report and maps (in duplicate)
for a Geohysical (Electromagnetic - VLF and Mag-
netometer) survey on 27 mining claims in Horwood
Township.

Yours very truly

Susan Hurst

(Mrs) Susan Hurst
Land Records Clerk
encl.

cc: W. Troup
R. Zimmerman
File: CA 5038

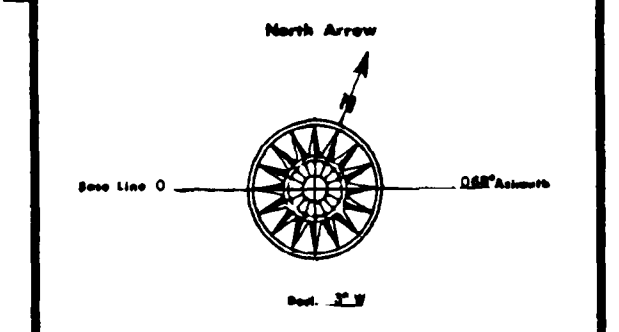
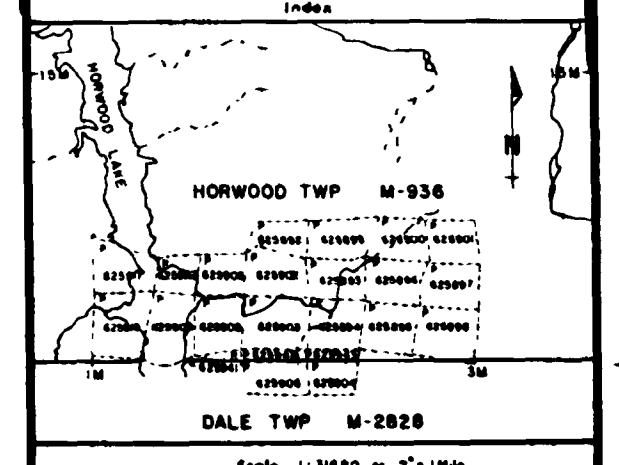
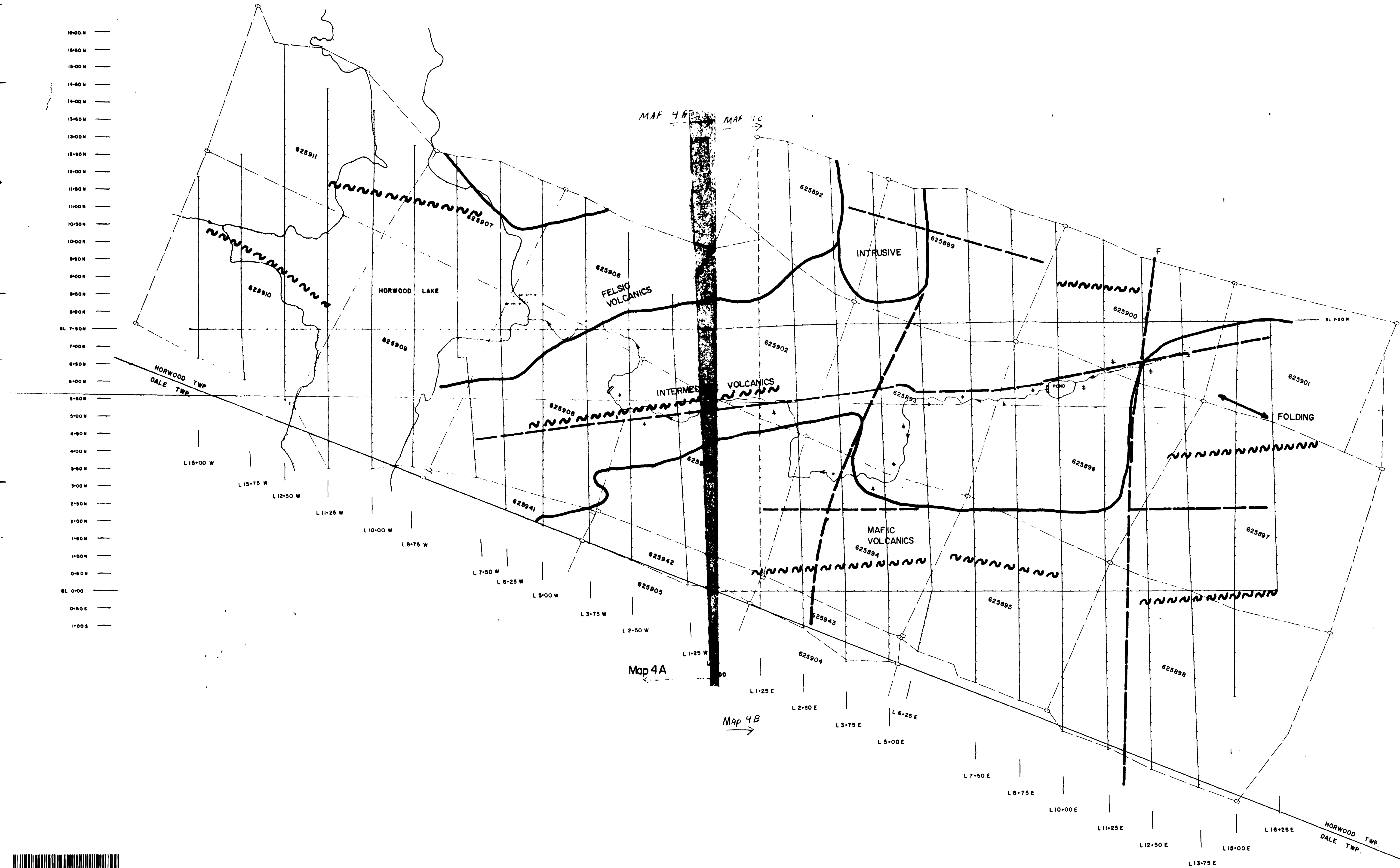
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JUN 25 1982

MINING LANDS SECTION

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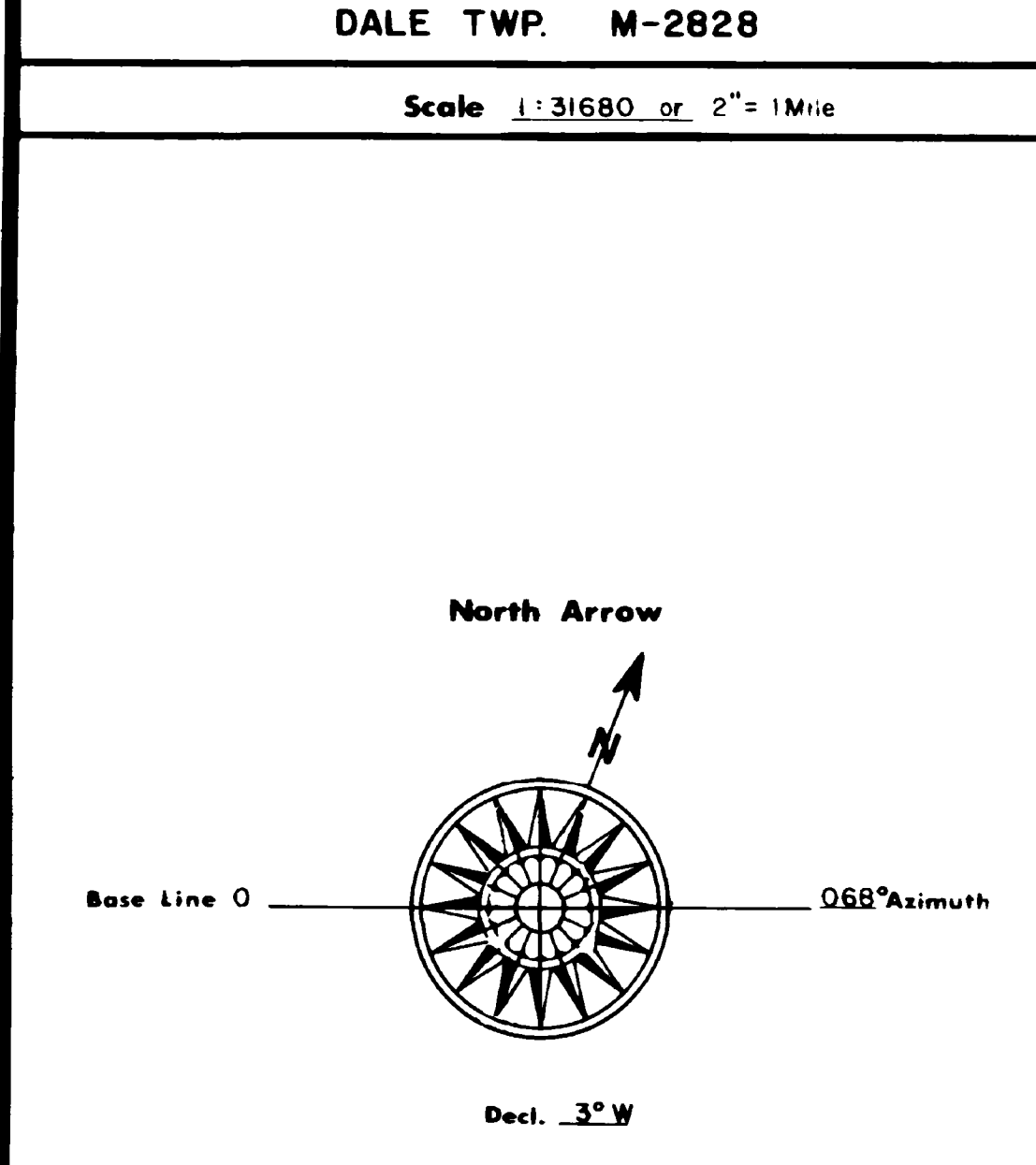
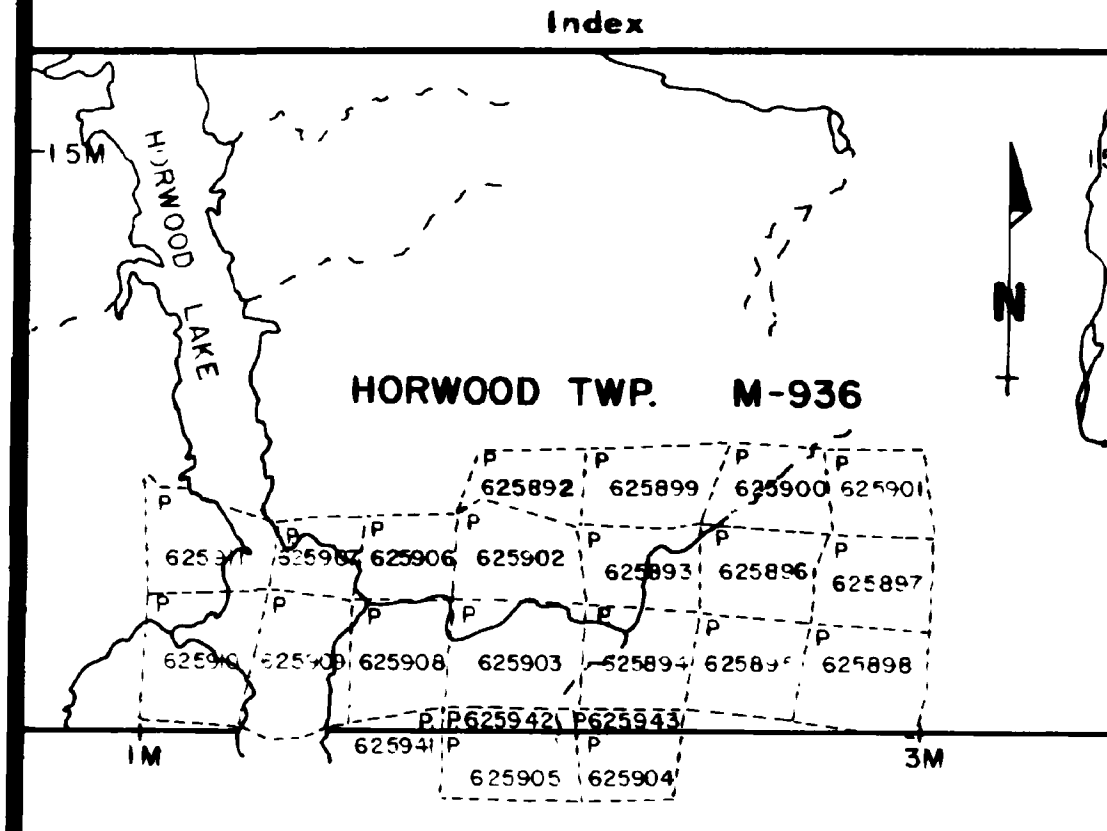
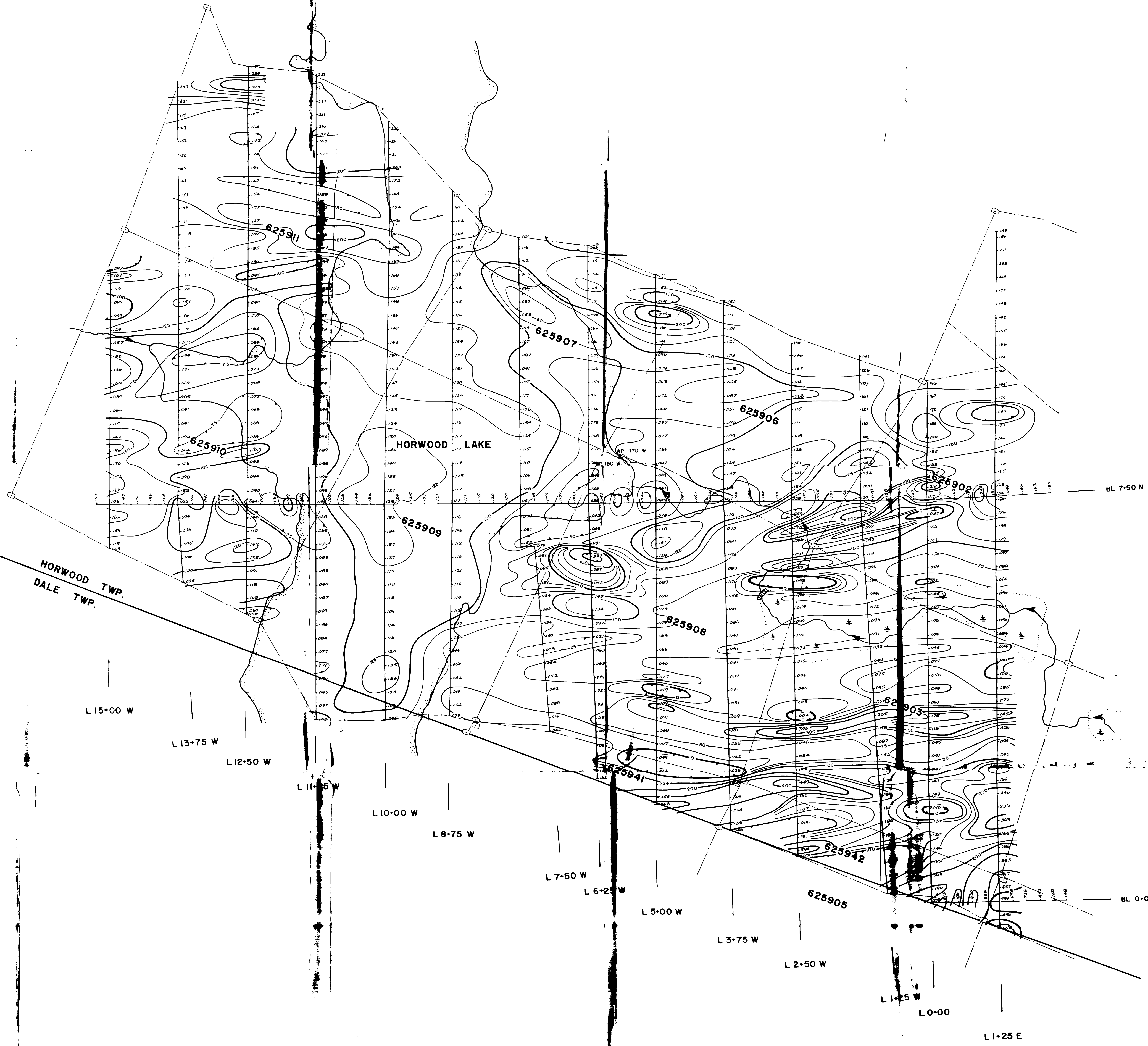
Legend

| | | | |
|----|-----------|----|----------------|
| 10 | Water | 11 | Gravel |
| 12 | Clay | 13 | Siltstone |
| 14 | Sandstone | 15 | Shale |
| 16 | Coal | 17 | Unconsolidated |
| 18 | Ice | 19 | Other |
| 20 | Other | 21 | Other |

Map 4B

| | | | |
|------------|------------------|----------------|---------|
| Total Area | 1000.00 | Total Readings | 1000.00 |
| Map Scale | 1:25000 | Map No. | 4B |
| Author | DALE J. ELWOOD | Date | 1982 |
| Project | DALE J. ELWOOD | Scale | 1:25000 |
| Location | Horwood, Ontario | Sheet No. | 4B-1 |

16+00 N
 15+50 N
 15+00 N
 14+50 N
 14+00 N
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 13+00 N
 12+50 N
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 11+00 N
 10+50 N
 10+00 N
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Legend

| | | | |
|--|-------------|--|---------------------|
| | Lake | | Contour |
| | Stream | | Crest |
| | Wet Swamp | | Terra in by |
| | Swamp | | Old crop |
| | Beaver Dam | | Chain post |
| | Road | | B.M. (Base Station) |
| | Winter Road | | d.h. |
| | Rail Road | | Shaft |
| | Power Line | | Building |

MAGNETICS SURVEY

Type: **TYPE I PRON PROCESSION TOTAL FIELD**

Instrument: **E.D.A. PPM-300, ±0.1 gamma**

Total Field: **ADD 59,000 GAMMAS**

Base Station Location: **Pinecone Point**

Base Station Value: **59488 Gammas**

Base Station Recorder: **E.D.A., PPM-400**

Base Station Interval: **20 seconds**

Oper/dates: **D. Gliddon / Mar. 25, 28**

Oper/dates: **B. Strapp / Mar. 29, Apr. 1, 2**

Contour interval: **25 gammas**

100 gamma contour: **.....**

500 gamma contour: **.....**

Depression: **.....**

Total line **15.74 Km.** Total Readings **639**

Metric:

English:

Revisions: **GOLD FIELDS MINING**

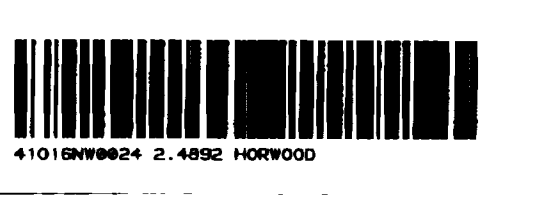
| | |
|---------|----------------|
| Project | POTIMO |
| Prop. | Horwood |
| Area | Foleyet |

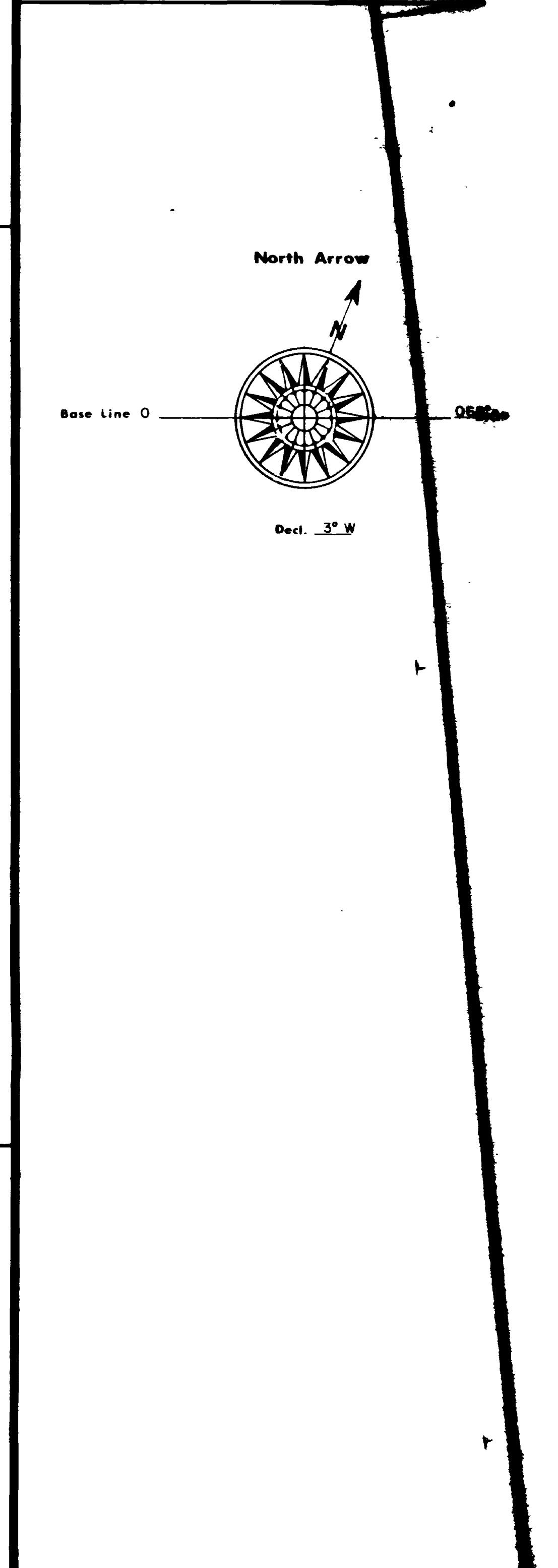
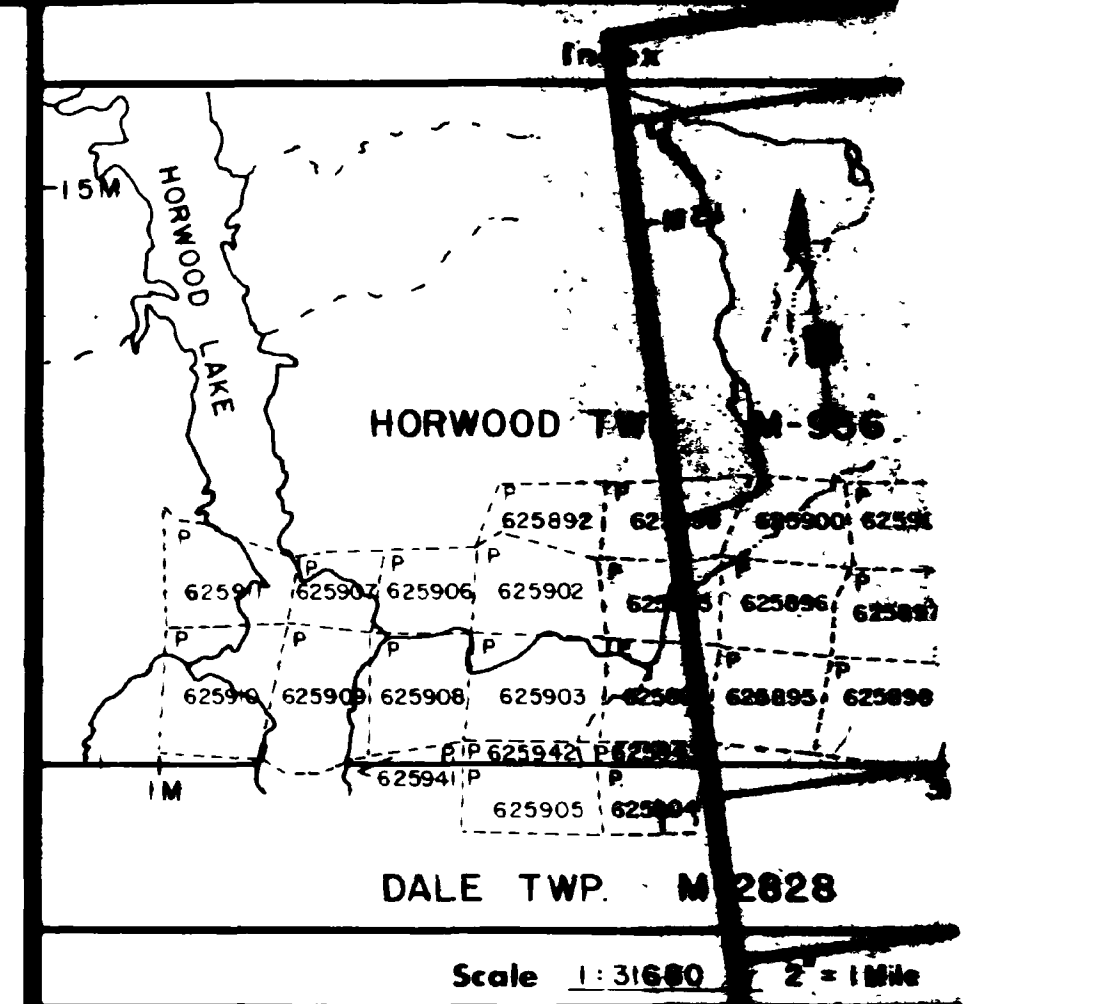
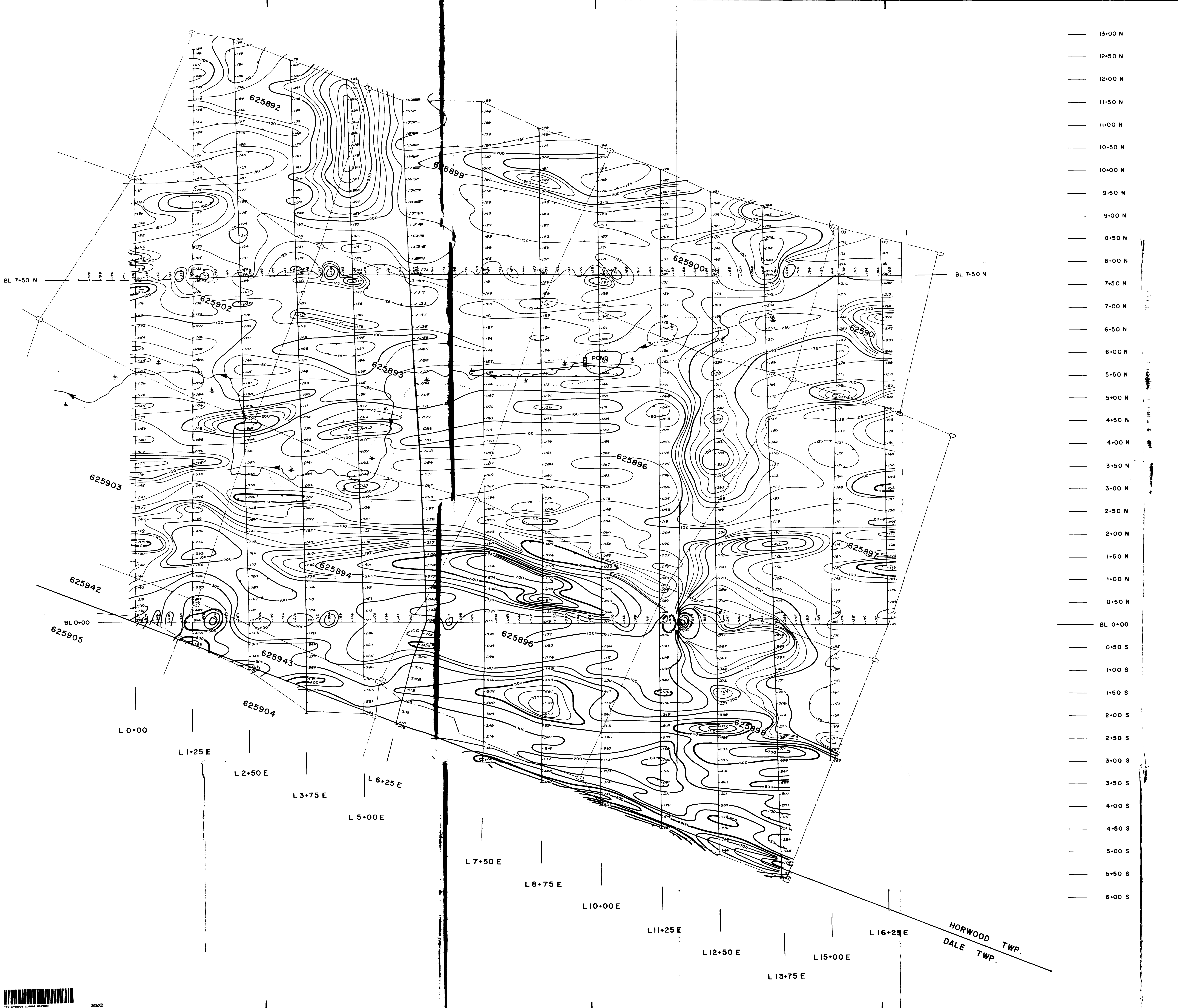
Scale: **1:2500** Map No. **MAG-1**

Date: **APRIL, 1982** Sheet No. **1 of 2**

Drawn by: **DAVID J. GLIDDON**

Checked by: **M.T.S. 41-0/16**





Legend

| | | | |
|--|-------------|--|---------------------|
| | Lake | | Cliff |
| | Stream | | Terrain body |
| | Wet Swamp | | Out crop |
| | Swamp | | Claim post |
| | Beaver Dam | | B.M. |
| | Road | | B.S. (Base Station) |
| | Winter Road | | d.d.h. |
| | Rail Road | | Shelf |
| | Power line | | Building |

Type: MAGNETICS SURVEY

TYPE - PROTON PRECESSION TOTAL FIELD
 INSTRUMENT - E.D.A. PPM-500, ±0.1 gamma
 TOTAL FIELD - ADD 59,000 GAMMAS
 Base Station Location - Pinecone Point
 Base Station Value - 59488 Gammas
 Base Station Recorder - E.D.A., PPM-400
 Base Station Interval - 20 seconds
 Oper/dates - B. Strapp / Mar 29 Apr 2, 6
 Oper/dates -
 Contour interval - 25 gammas
 100 gamma contour
 500 gamma contour
 Depression

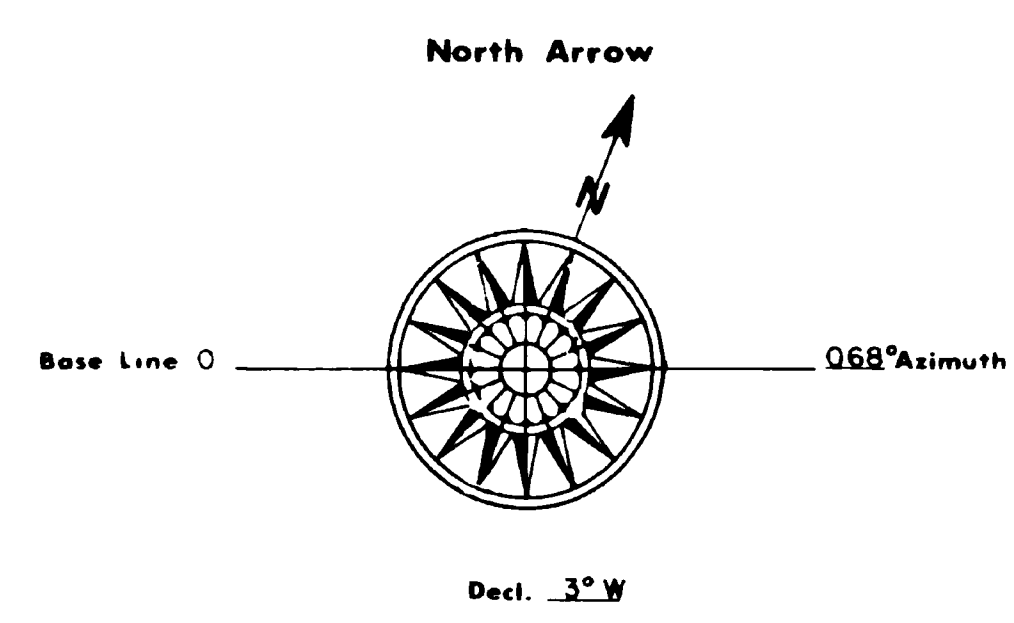
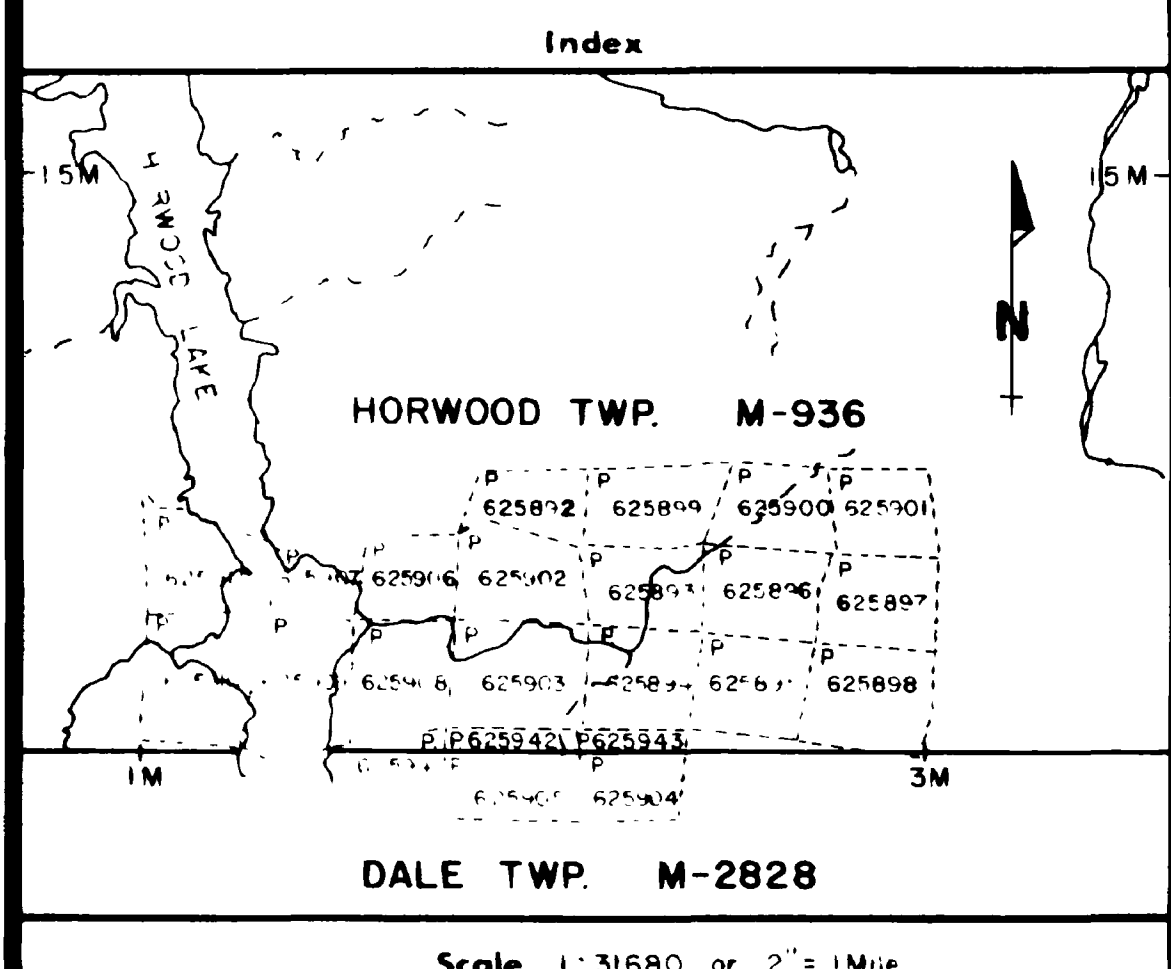
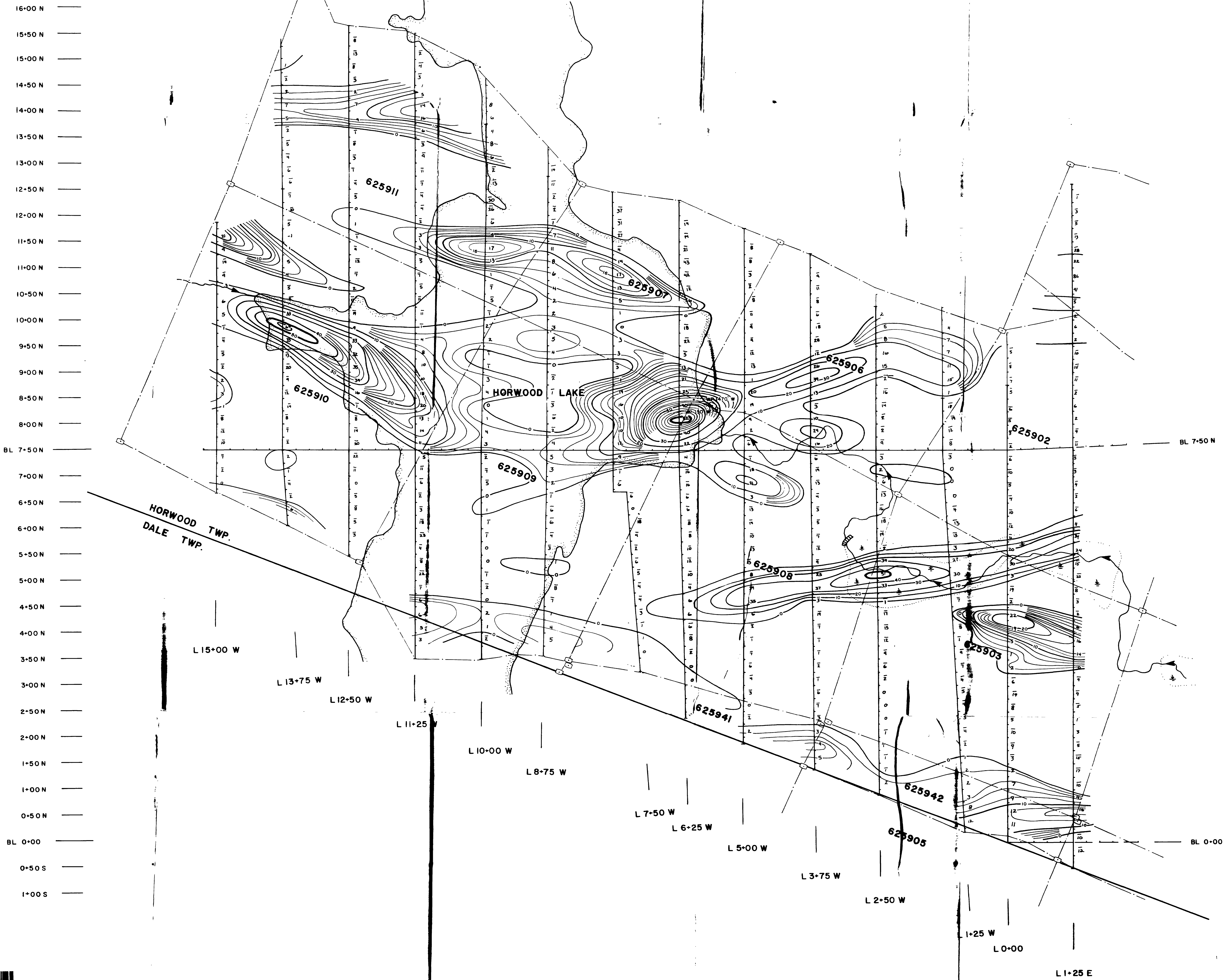
Total line 19.24 Km. Total Readings 781

| | |
|---------|--------------------------------|
| Metric | 0 50m 100m 200m 300m 400m 500m |
| English | 0 100 200 300 400 500 |

Revisions

| | |
|---------|------------------|
| Project | POTIMO |
| Twp. | Horwood |
| Area | Foleyet, Ontario |

Scale: 1:2500 Map No. AAAG-2
 Date: APRIL, 1982 2 of 2
 Grid by: DAVID J. GLIDDEN
 Contour by: N.T.S. 41-0/16



Legend

| | |
|---------------|-----------------------|
| ○ Lake | ▬ Cliff |
| ▬ Stream | ▬ Terrain boundary |
| ▬ Wet Swamp | ▬ Out crop |
| ▬ Swamp | ▬ Claim post |
| ▬ Beaver Dam | ▬ B.M. |
| ▬ Road | ▬ B.S. (Base Station) |
| ▬ Winter Road | ▬ d.d.h. |
| ▬ Rail Road | ▬ Shaft |
| ▬ Power line | ▬ Building |

FRASER FILTER

Type: FRASER FILTER

Specs:

- Filtered dip angle contours
- +10 contour
- +2 contour
- +50 contour

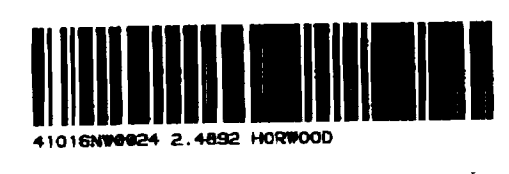
Dip Angle

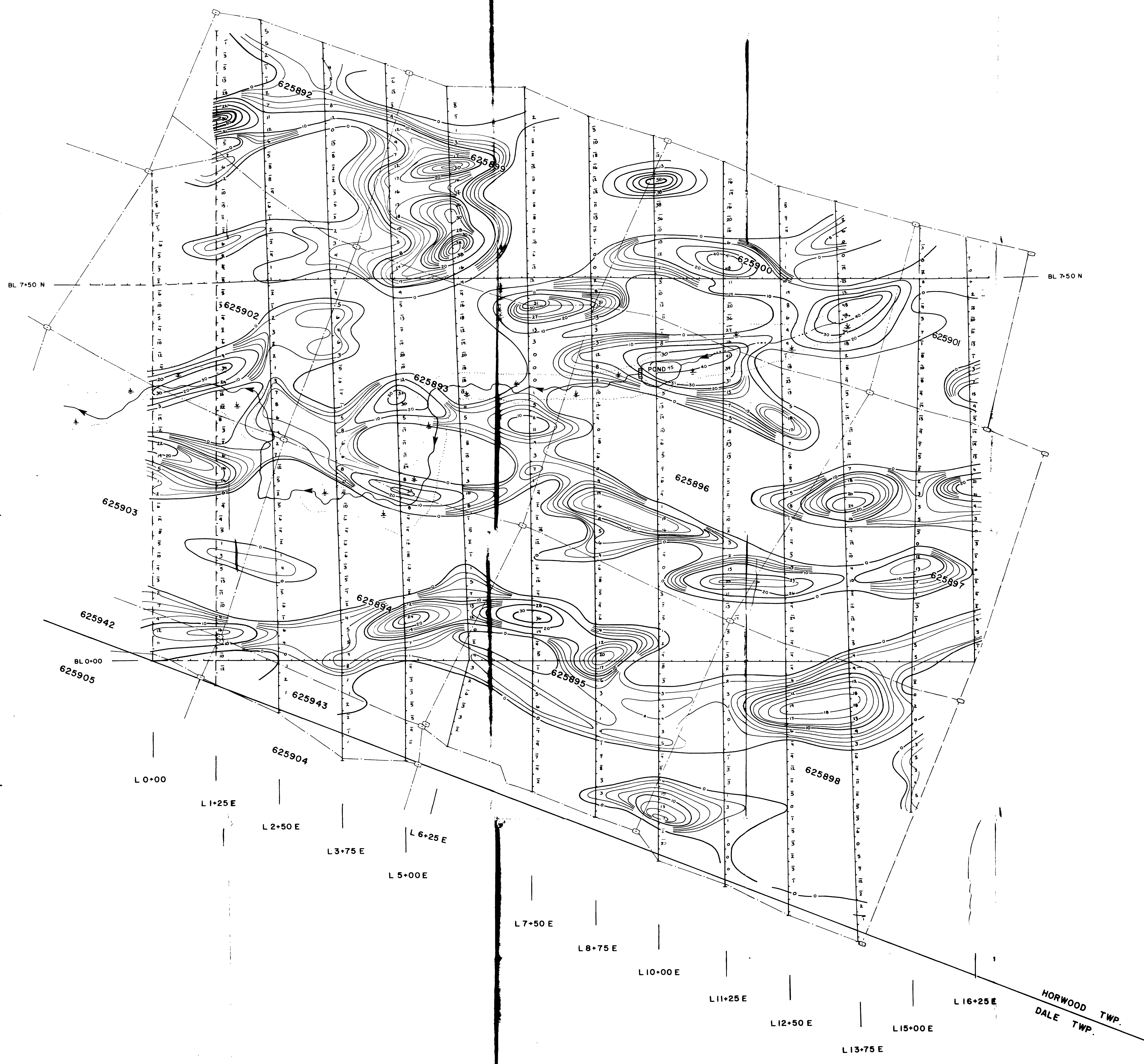
$FF = (C+D) - (A+B)$

North & West dip (+) positive
 South & East dip (-) negative

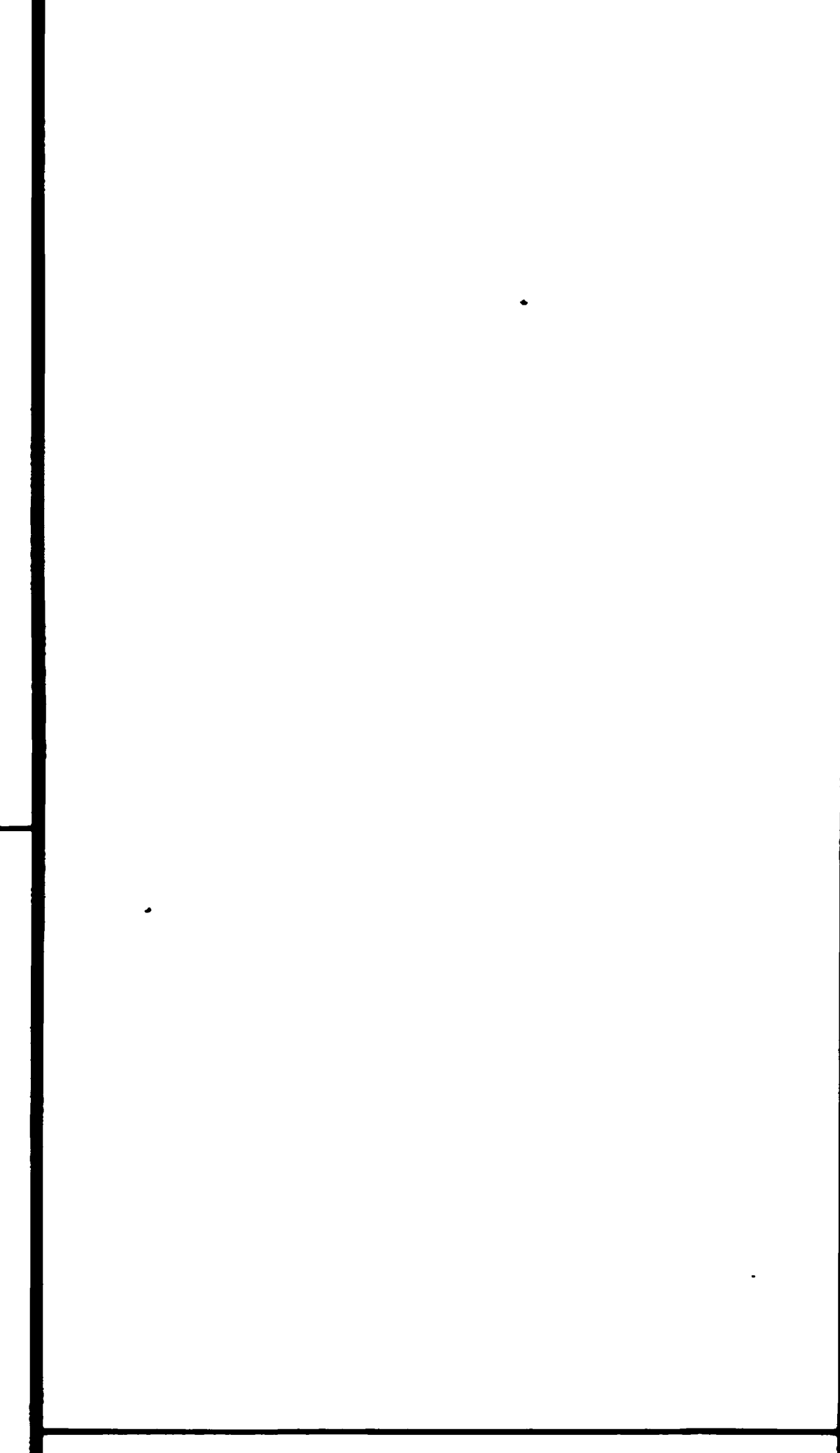
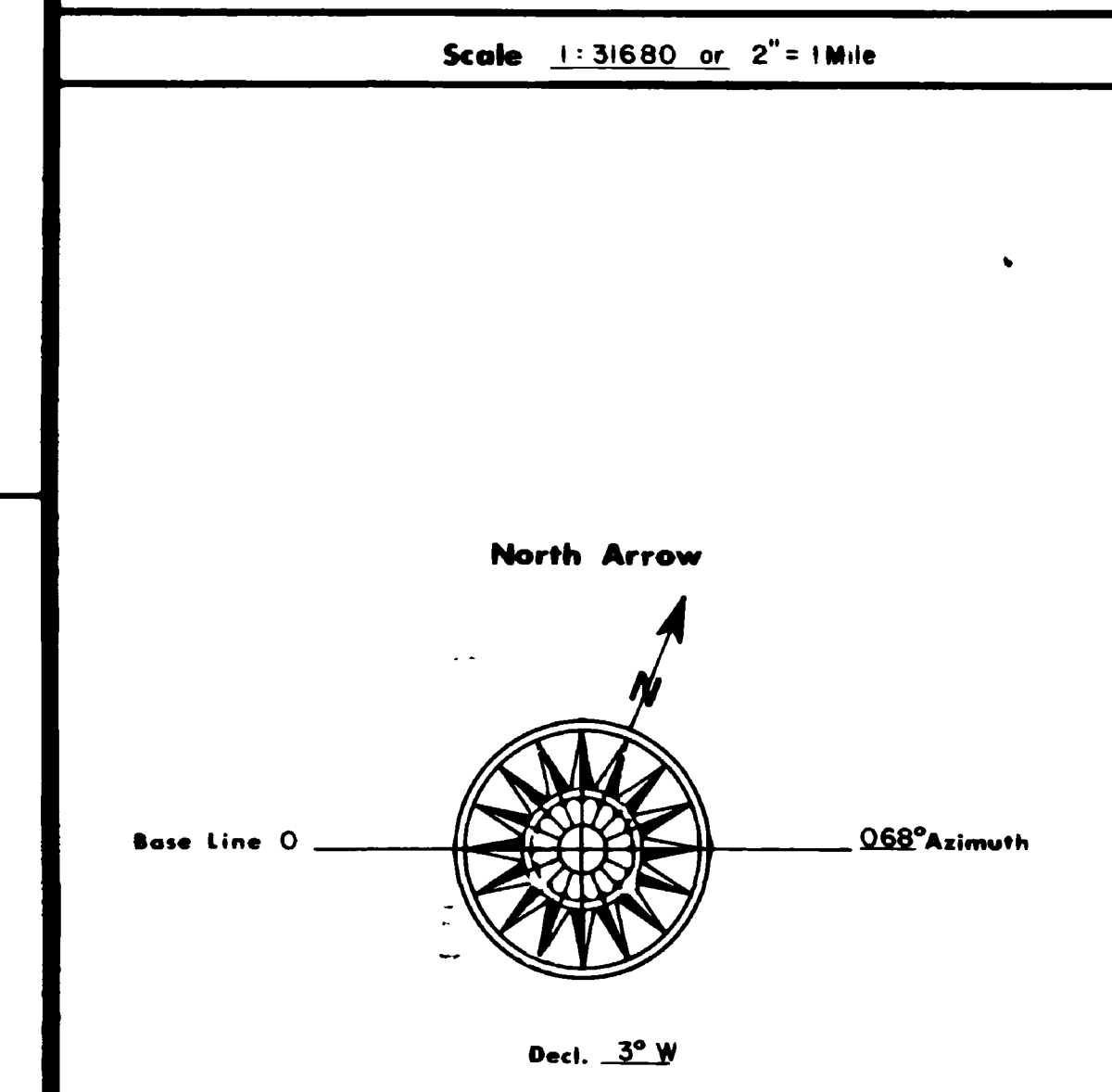
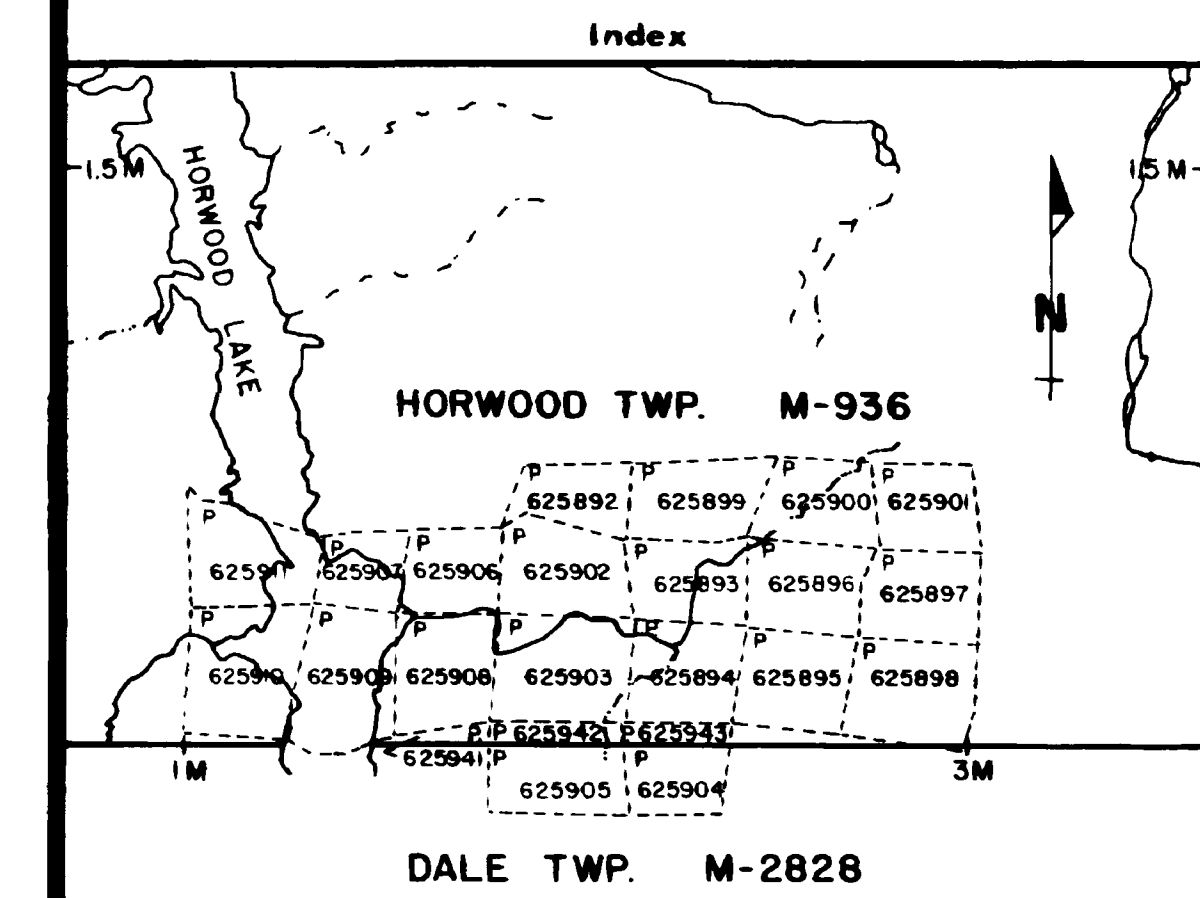
By Phoenix VLF-2
 To: CUTLER, MAINE 17.6 KHz.

| | | | |
|---------------------------|---------------------|----------------|-----------------------|
| Total line | | Total Readings | |
| Metric | 50m 25m 0 100m 200m | English | 200' 100' 0 400' 600' |
| GOLD FIELDS MINING | | | |
| Project | POTIMO | | |
| Twp. | Horwood | | |
| Area | Foleyet Ontario | | |
| Scale | 1:2500 | Map No. | FF-1 |
| Date | APRIL 1992 | 1 of 2 | |
| Grid by | DAVID J. GILSON | | |
| Contour by | NTS 41-0/16 | | |

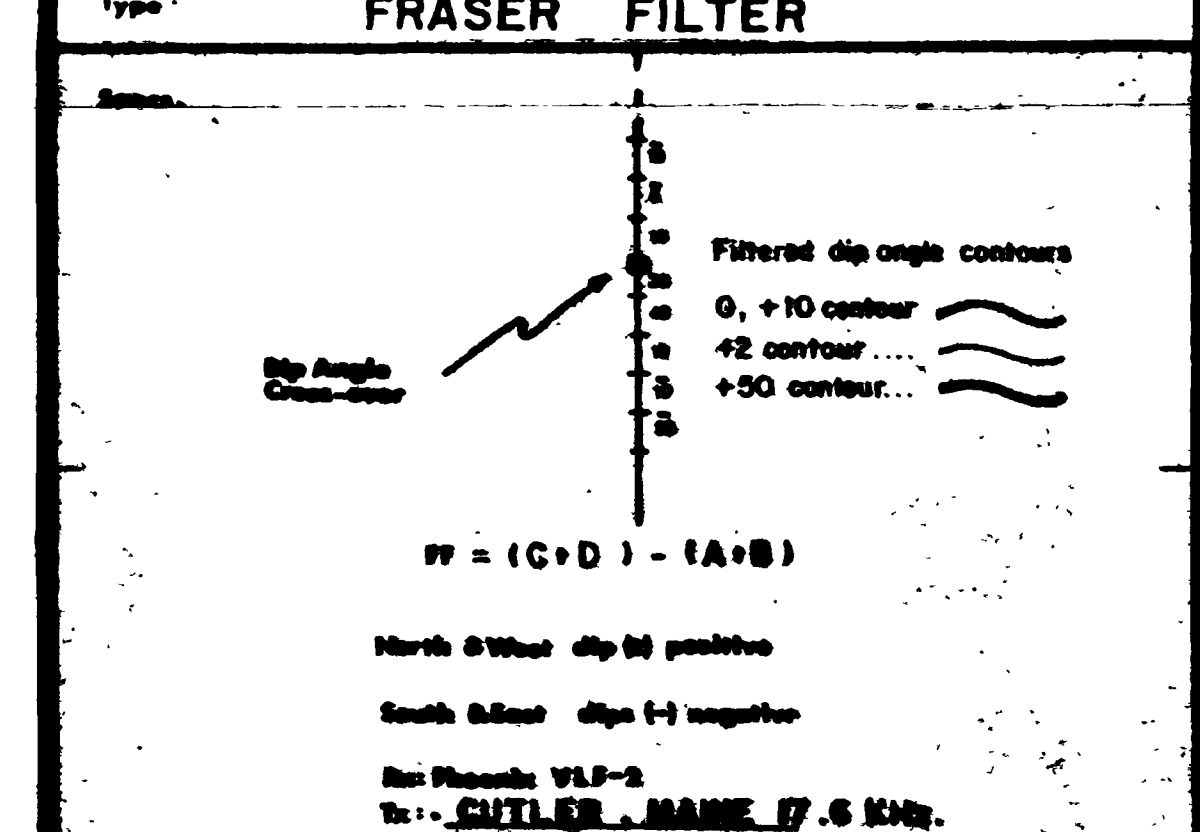




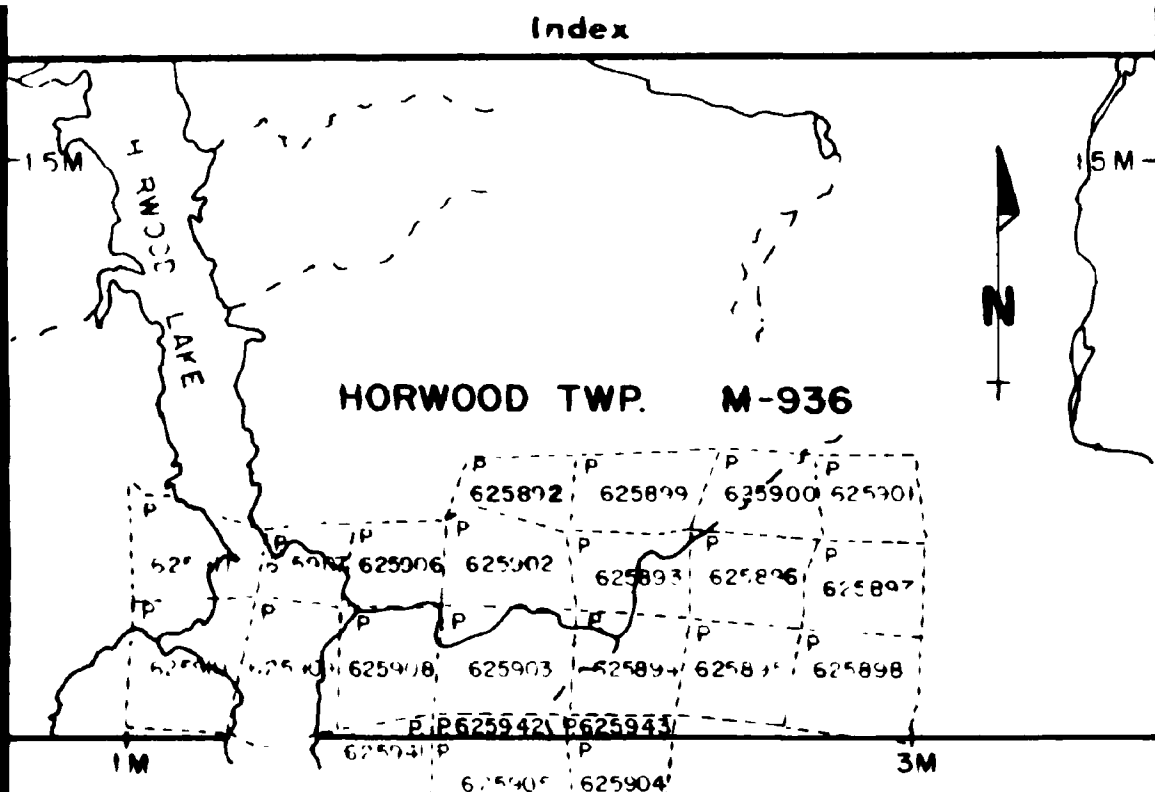
- 13+00 N
- 12+50 N
- 12+00 N
- 11+50 N
- 11+00 N
- 10+50 N
- 10+00 N
- 9+50 N
- 9+00 N
- 8+50 N
- 8+00 N
- 7+50 N
- 7+00 N
- 6+50 N
- 6+00 N
- 5+50 N
- 5+00 N
- 4+50 N
- 4+00 N
- 3+50 N
- 3+00 N
- 2+50 N
- 2+00 N
- 1+50 N
- 1+00 N
- 0+50 N
- BL 0+00
- 0+50 S
- 1+00 S
- 1+50 S
- 2+00 S
- 2+50 S
- 3+00 S
- 3+50 S
- 4+00 S
- 4+50 S
- 5+00 S
- 5+50 S
- 6+00 S



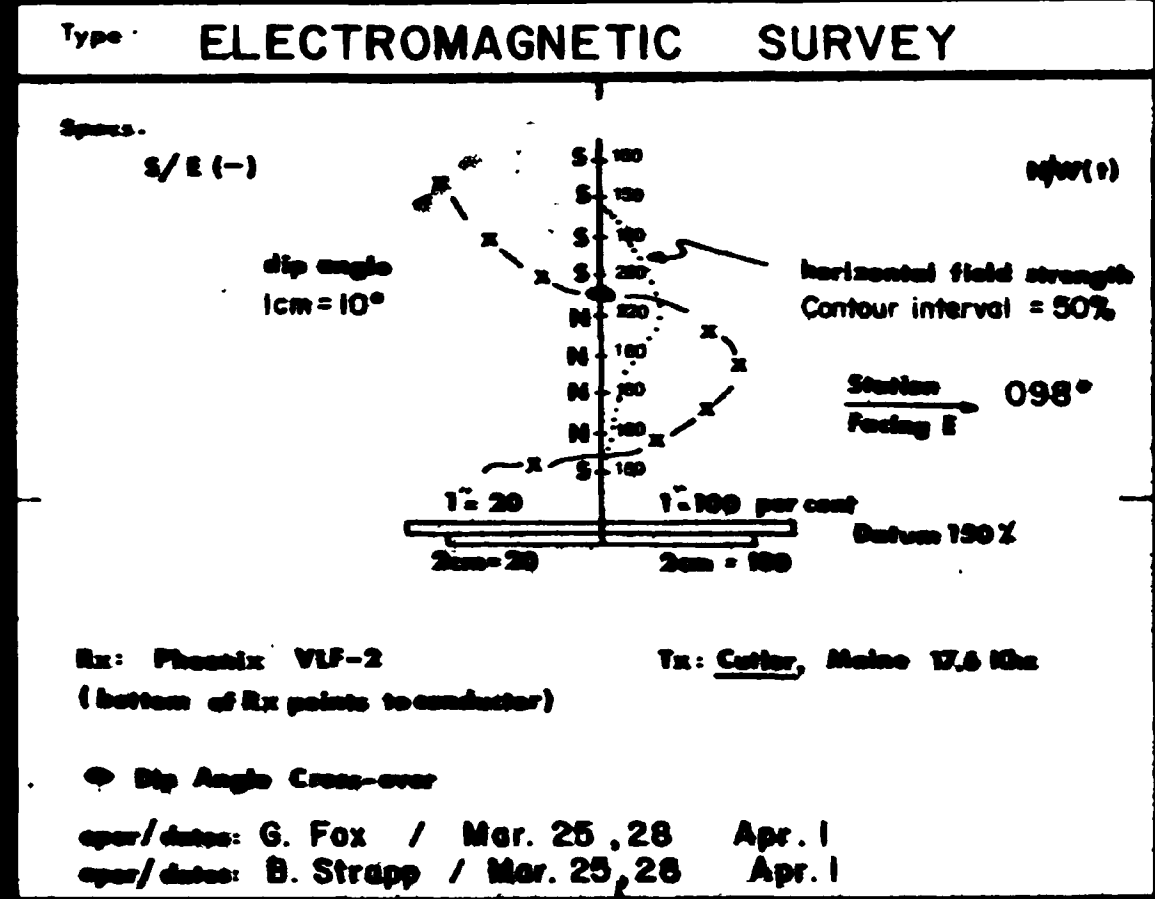
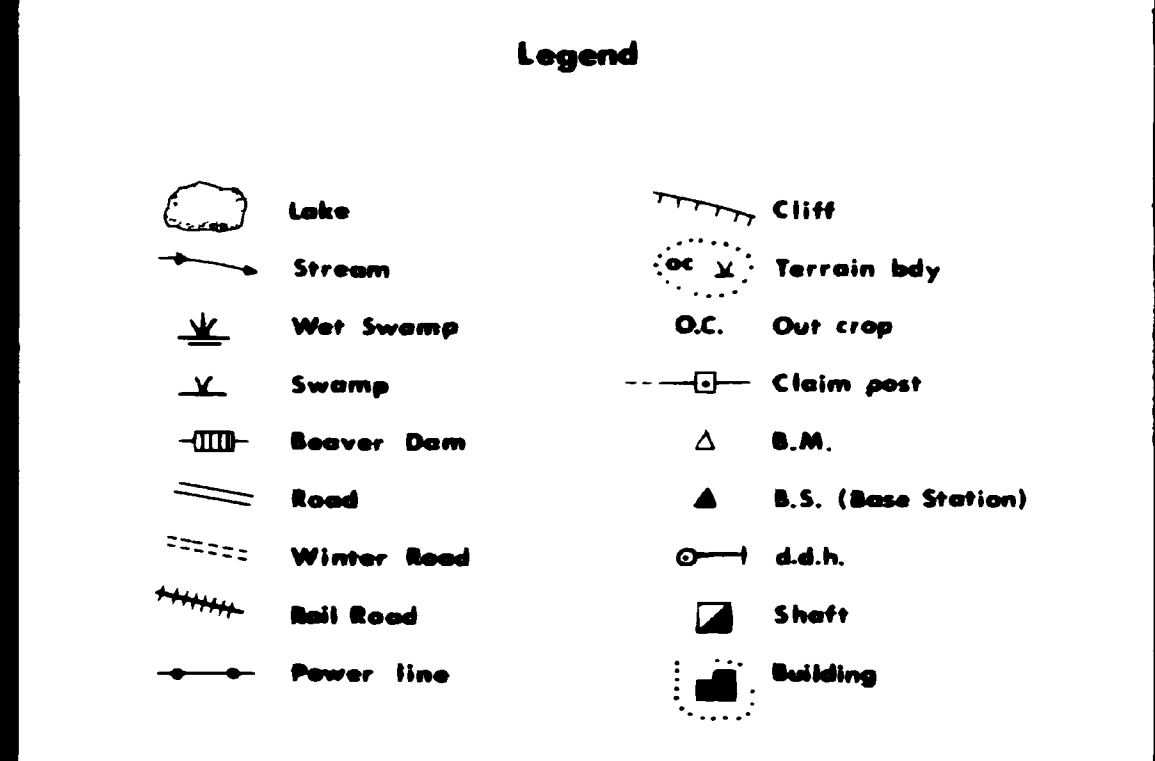
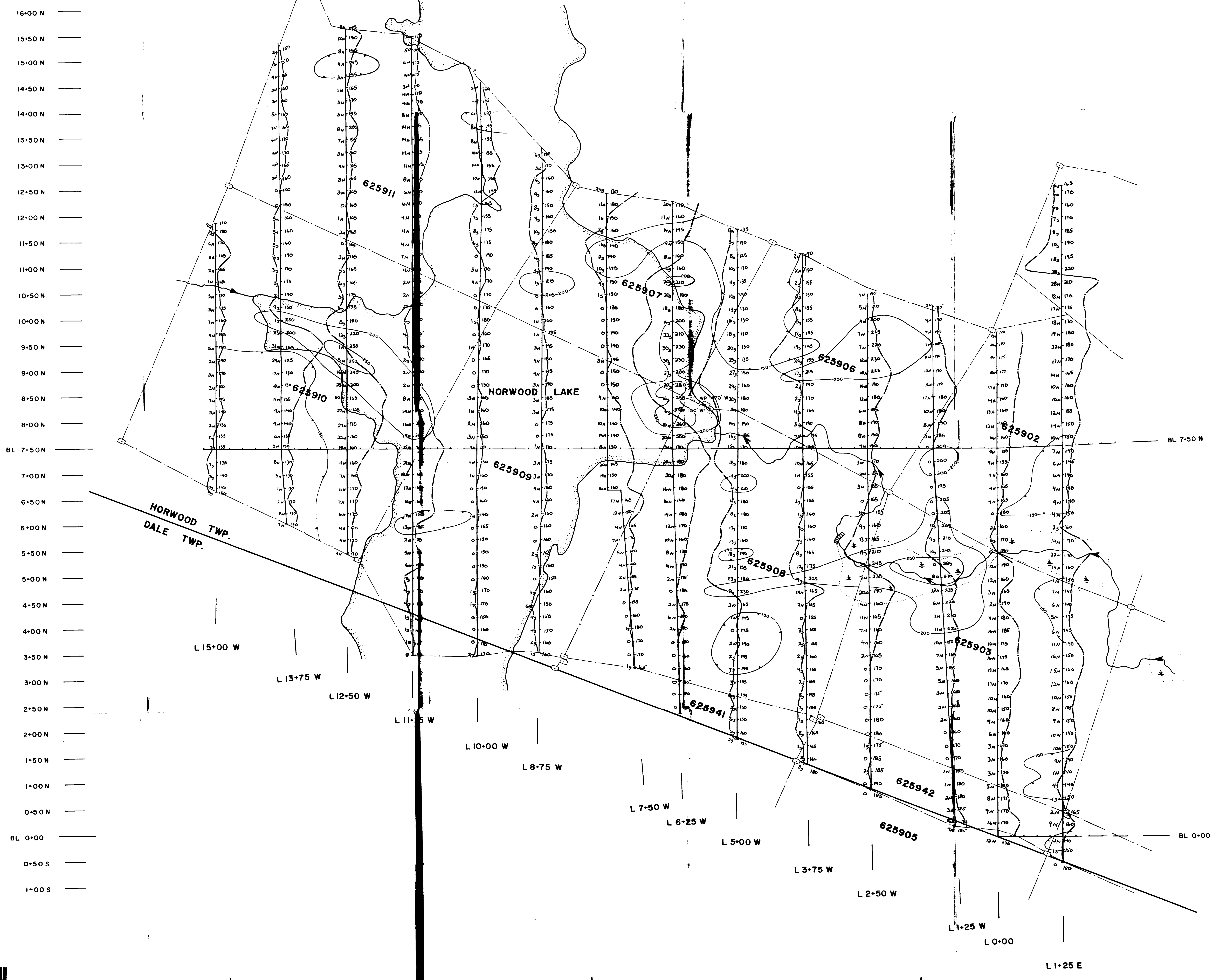
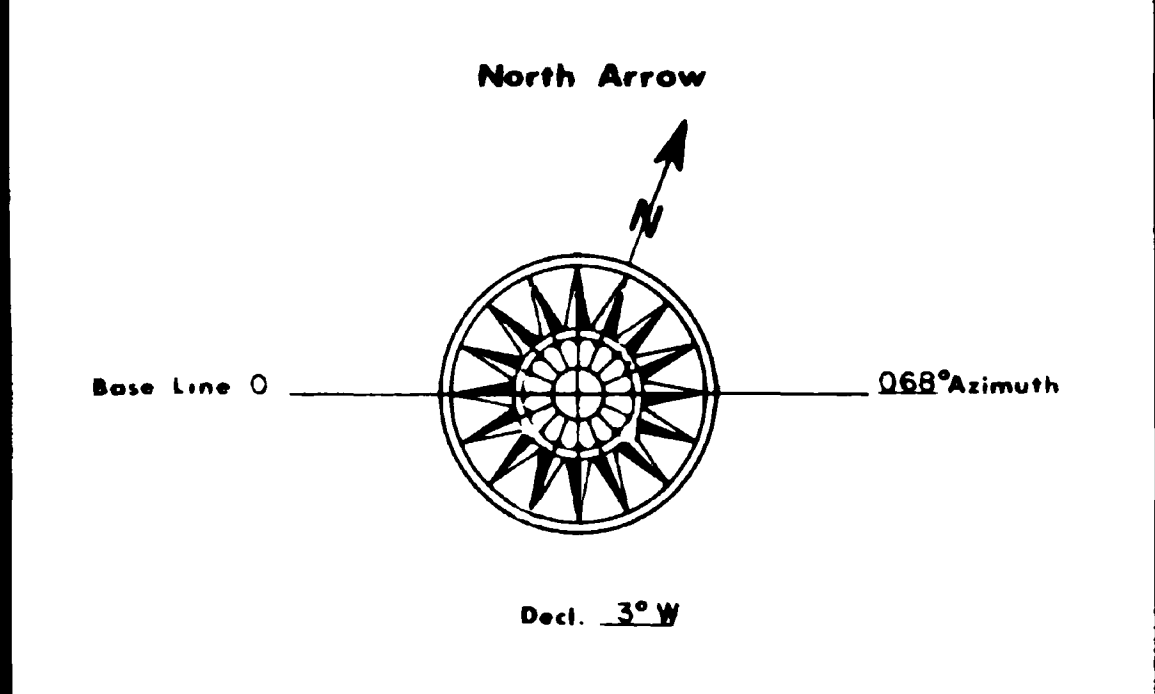
Type: **FRASER FILTER**



| | | | |
|---------------------------|------------------|----------------|-----------------------|
| Total line | 3522m | Total Readings | 655 |
| Metric | 0 50m 100m 200m | English | 0 100' 200' 400' 600' |
| GOLD FIELDS MINING | | | |
| Project | POTIMO | | |
| Twp. | Horwood | | |
| Area | Foley, Ontario | | |
| Scale | 1:31680 | Map No. | FF-2 |
| Date | APRIL 1982 | Sheet | 2 of 2 |
| Drawn by | DAVID J. GLIDDON | Checked by | MTS 41-07/18 |



DALE TWP. M-2828
Scale 1:31680 or 2" = 1 Mile



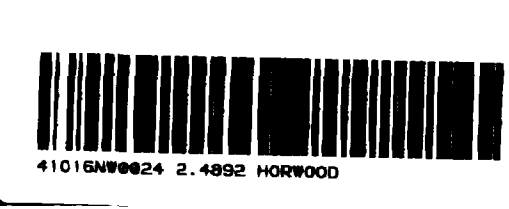
Total line 66.98 Km. Total Readings 524

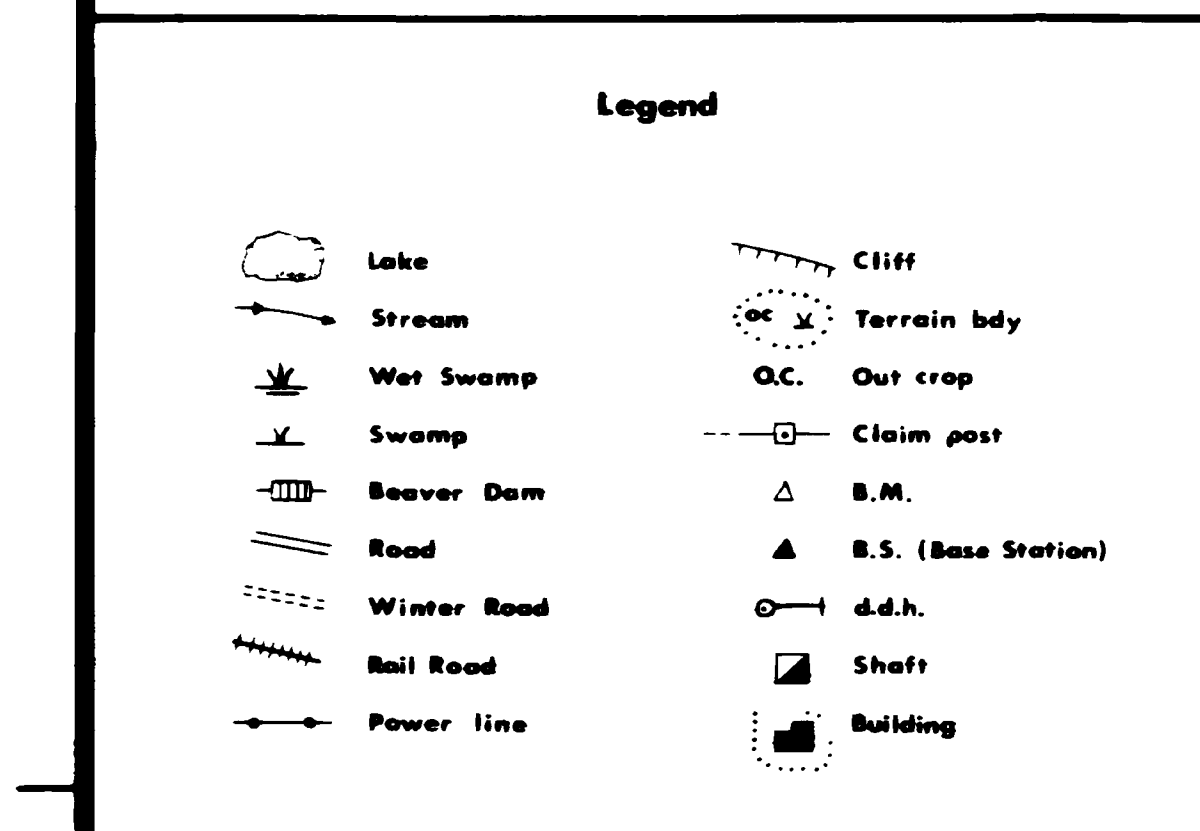
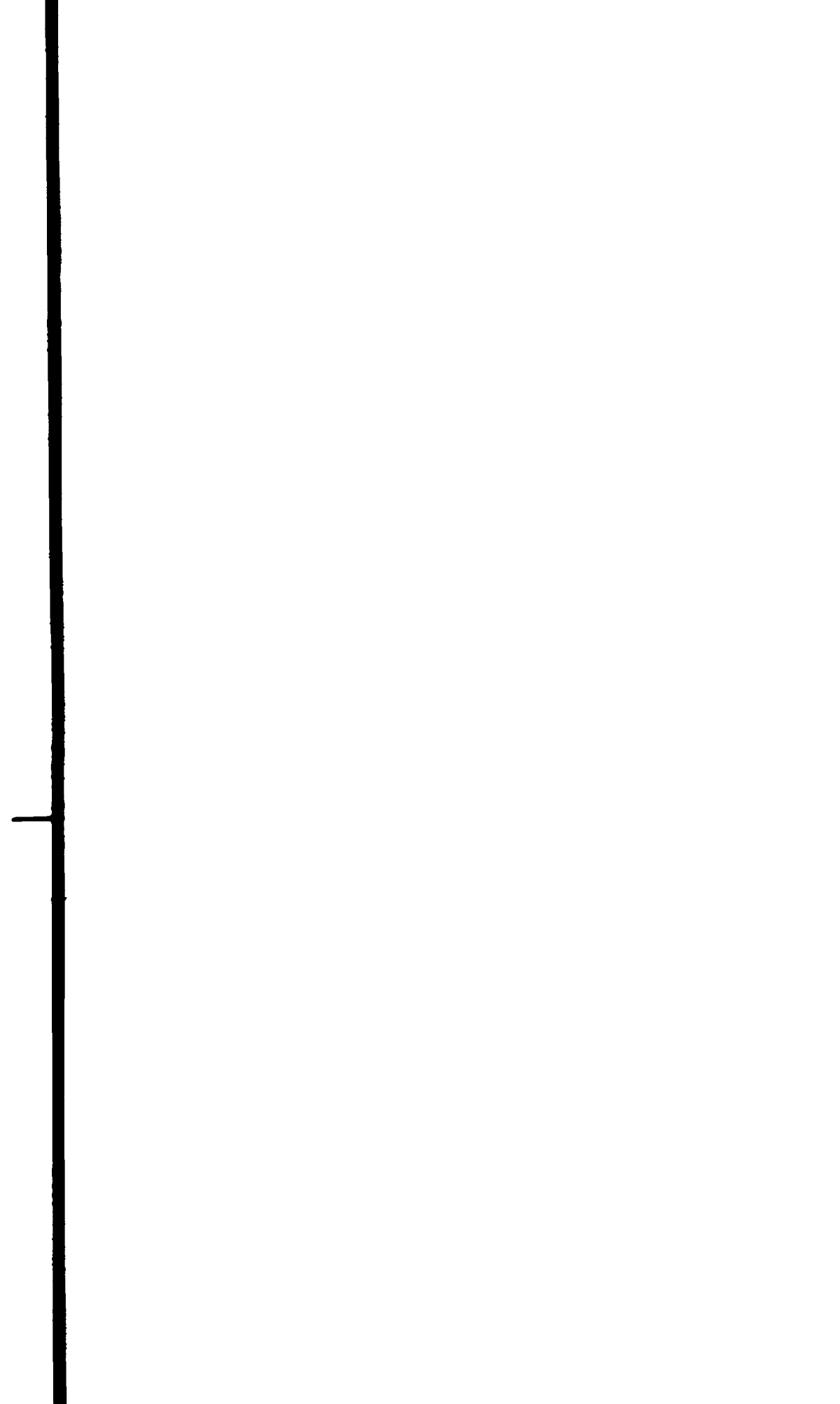
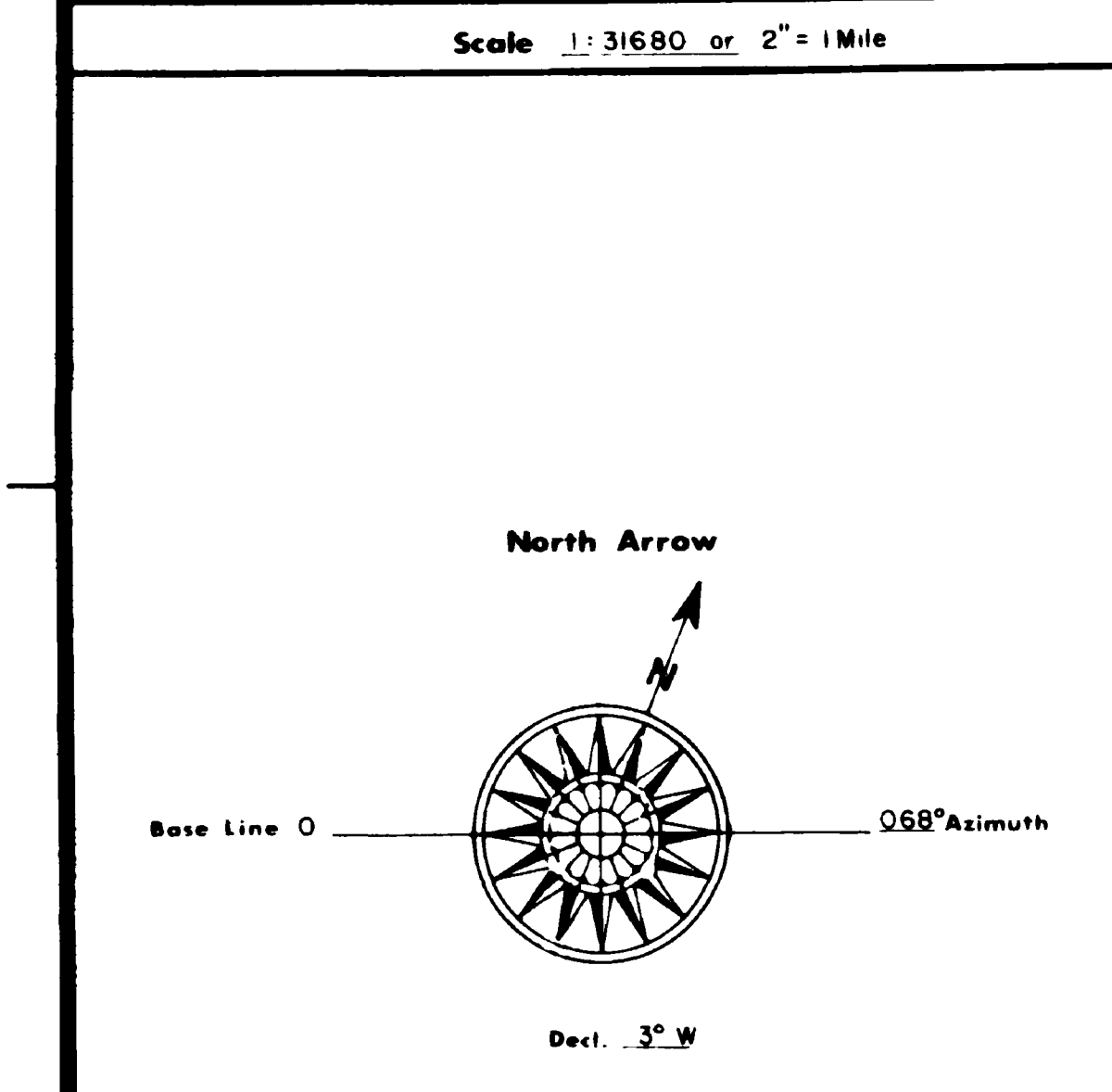
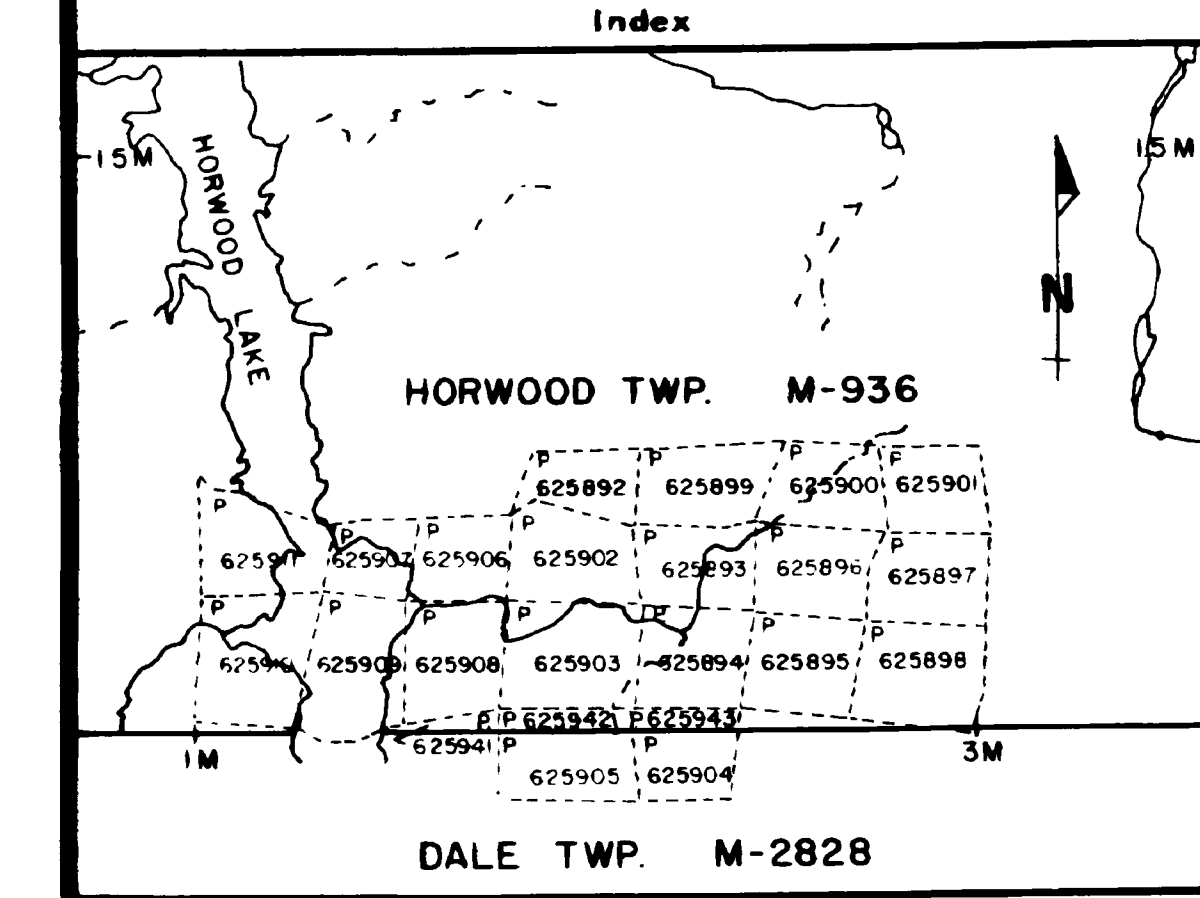
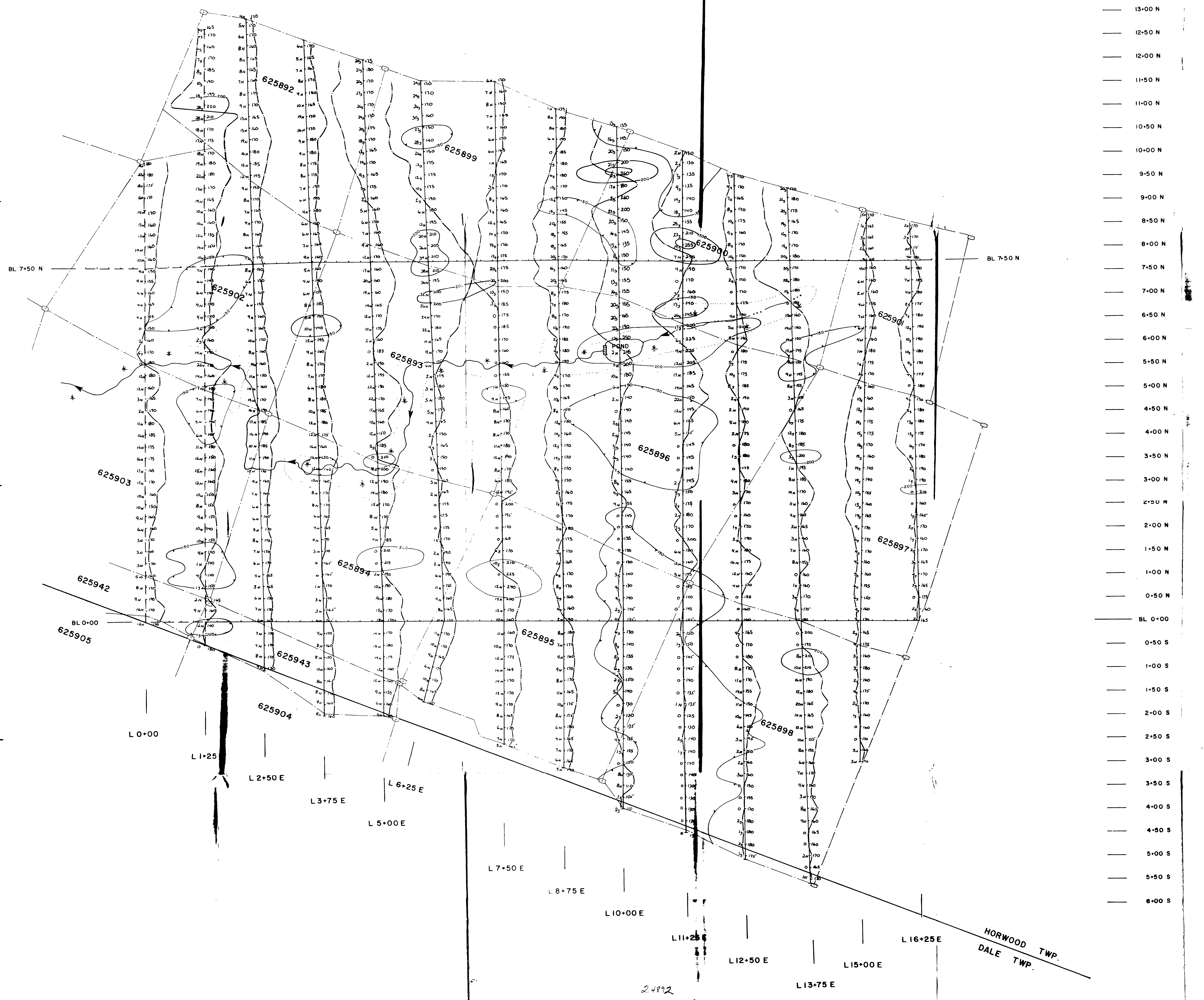
| | |
|---------|-----------------------|
| Metric | 0 50m 100m 200m |
| English | 0 100' 200' 400' 600' |

Revisions

| GOLD FIELDS MINING | |
|--------------------|------------------|
| Project | POTIMO |
| Twp. | Horwood |
| Area | Foley, Ontario |
| Scale | 1:2500 |
| Date | APRIL, 1992 |
| Grid by | DAVID J. GLIDDON |
| Contour by | MTS 41-0/16 |

Map No. VLF-1
1 of 2

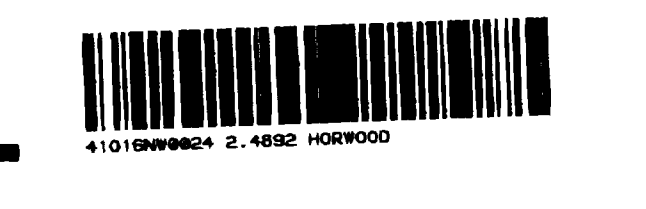




EMAGNETIC SURVEY
 Spec: VLF-2
 (bottom of Ex plates to conductor)
 Dip Angle Cross-over
 Date: G FOX / April 2, 6
 Date: D GLIDDON / April 2
 Total line 822m
 Total Readings 666

| Metric | English |
|---------------|---------------|
| 0 100 200 300 | 0 100 200 300 |

| Revisions | |
|------------|------------------|
| Project | POTIMO |
| Twp. | Horwood |
| Area | Foley |
| Scale | 1:2500 |
| Date | APRIL, 1982 |
| Grid by | DAVID J. GLIDDON |
| Contour by | M.T.S. |



280

24892

HORWOOD TWP.
DALE TWP.

2 of 2