



42A11NE0183 2.8190 PROSSER

010

Report on Detailed Magnetometer  
and  
VLF - EM Surveys

Carried Out

on the

GOLDEN RANGE RESOURCES LTD.  
Prosser and Wark Township Claims

**RECEIVED**

JUN 07 1985

by

**MINING LANDS SECTION**

R. Bruce Durham

---

Robert S. Middleton Exploration Services Inc.  
P.O. Box 1637 Timmins, Ontario P4N 7W8  
April 29, 1985



42A11NE0183 2.8190 PROSSER

010C

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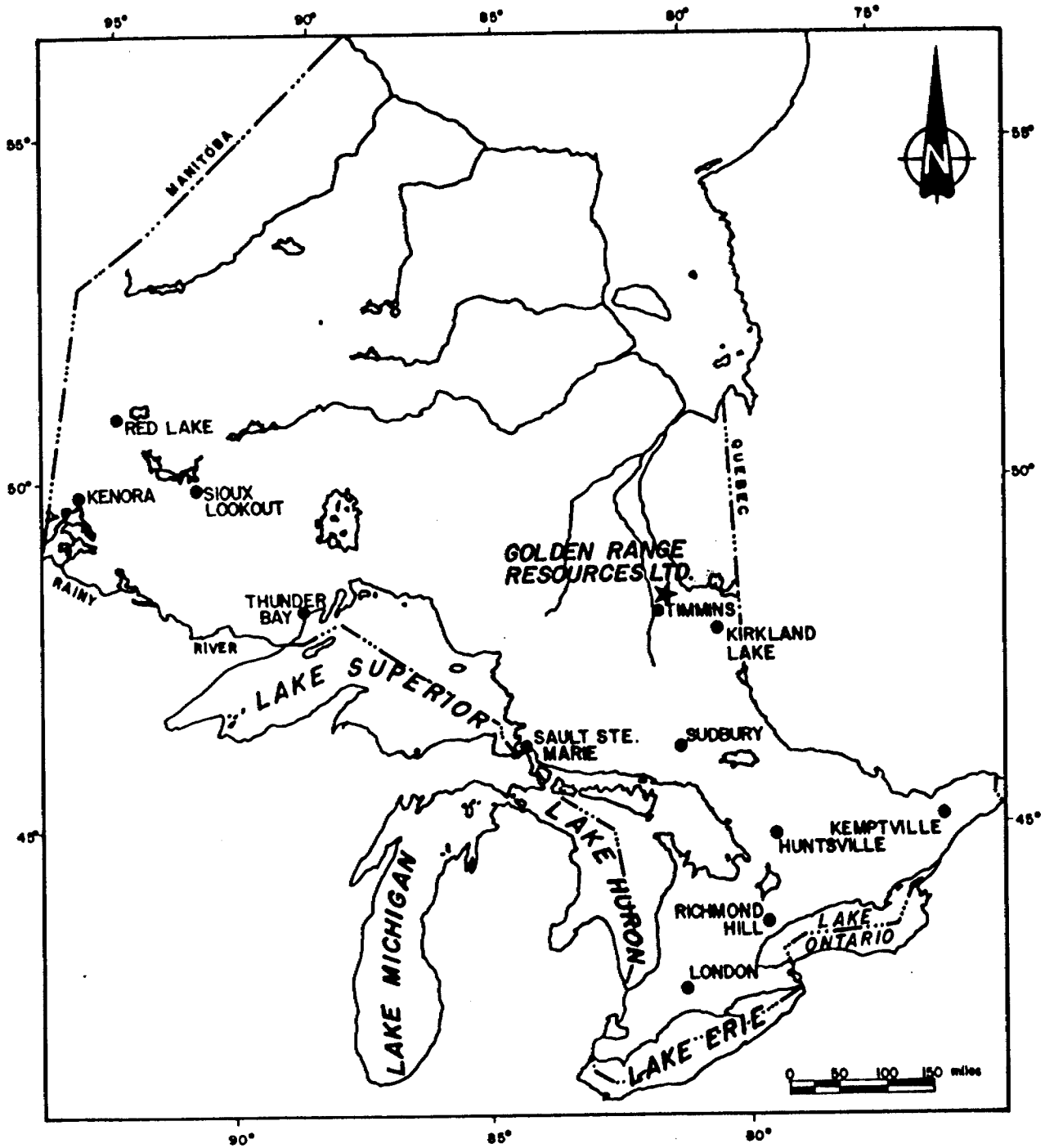
## INTRODUCTION

Magnetometer and VLF surveys were carried out over four grids covering 22 claims in Prosser and Wark Townships by Mid Canada Exploration Services Ltd. as part of an on going exploration program on ground thought to cover the westerly strike extension of the stratigraphy which hosts the Nickel Offsets gold zone in Tully Township. Results of the detailed magnetic survey and diamond drill results in the area would tend to corroborate this theory.

A short program of wacker drilling is recommended as a cost effective method to test for gold and/or base metal mineralization in the basal till (if present) in the S1/2 of Lot 5, Concession 1, Prosser Township, where overburden is indicated to be shallow enough to do this type of test.

The best approach to testing the ultramafic-sediment contact in the northeast part of the property is by diamond drilling since the target is reasonably well defined and overburden is considerable.

Drilling in this part of the property would test the stratigraphy which hosts the Nickel Offsets gold zone within two miles of the known mineralization.



PROVINCE OF ONTARIO

REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for	GOLDEN RANGE RESOURCES LTD.	
	Title	PROSSER & WARK TOWNSHIPS	
		<b>GENERAL LOCATION MAP</b>	
	Porcupine Mining Division, Ontario	Fig. 1	
	Date: MAY, 1985	Scale: 1" = 160mi.	N.T.S.:
	Drawn:	Approved:	File: M-102

LOCATION AND ACCESS

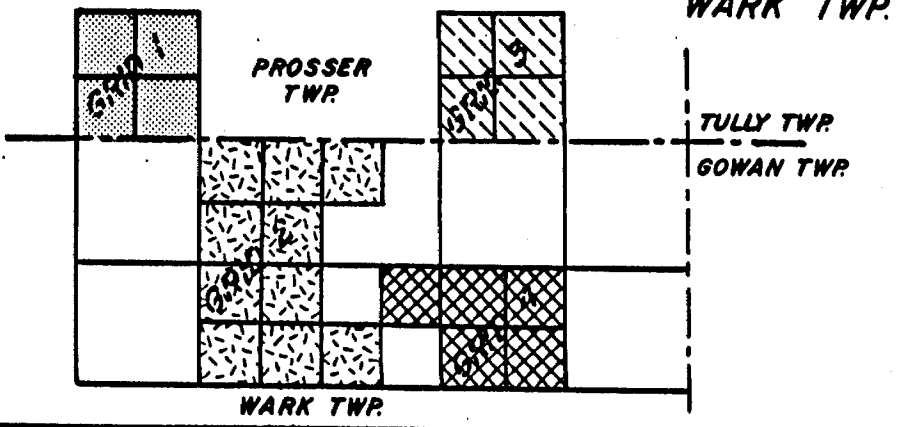
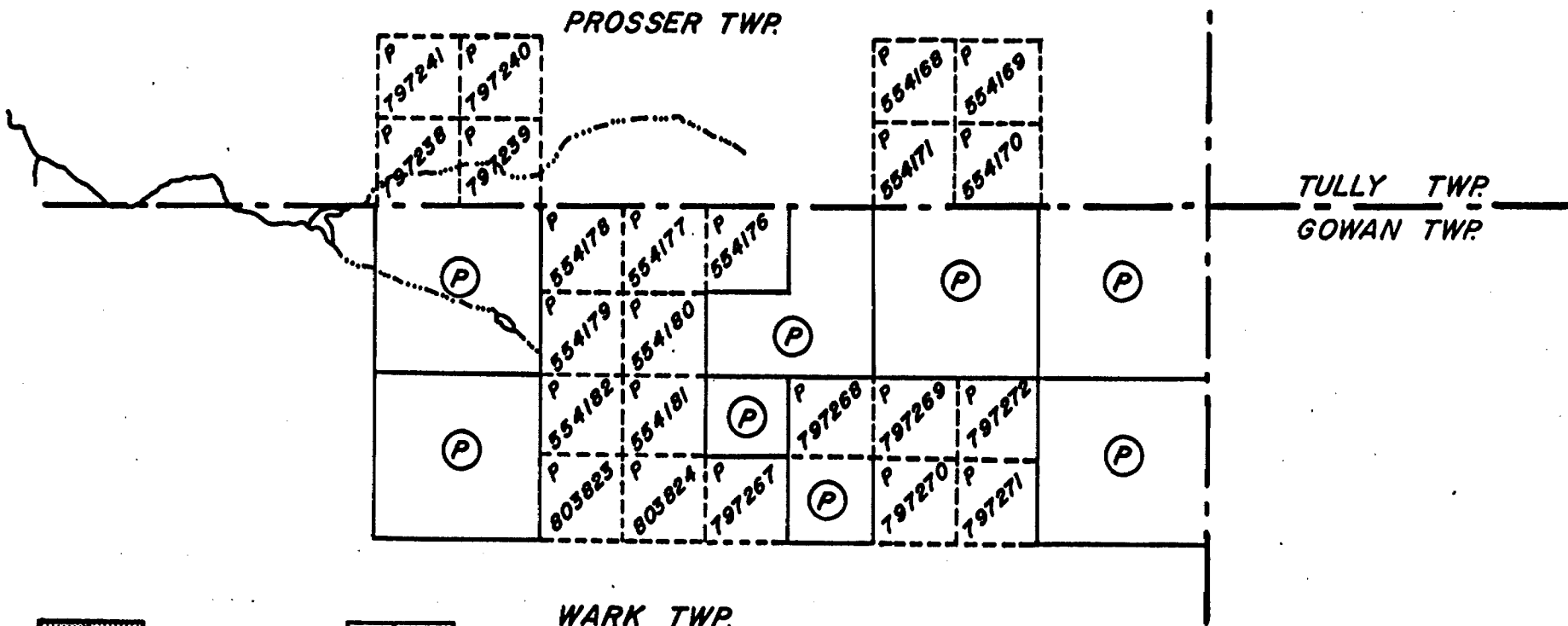
The property consists of 23 claims straddling the Prosser-Wark township boundary approximately 20 miles north of Timmins, Ontario. Winter access to the property is provided by a network of winter logging roads across the flat swampy terrain. For the remainder of the year, the claims are best accessed by helicopter. All claims except claim P797267 were covered by the subject survey.

PROPERTY

The property which consists of 23 unpatented mining claims in Prosser and Wark Townships has been subdivided into 4 groups as follows:

Group 1: P-797 238	Group 2: P-554 176
797 239	554 177
797 240	554 178
797 241	554 179
	554 180
	554 181
	554 182
	803 823
	803 824
	797 297
Group 3: P-554 168	Group 4: P-797 268
554 169	797 269
554 170	797 270
554 171	797 271
	797 272

Groups 1, 2 and 4 are contiguous.



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.	
	for	<b>GOLDEN RANGE RESOURCES LTD.</b>
	Title	<b>PROSSER &amp; WARK TOWNSHIPS</b>
		<b>CLAIM MAP</b>
		Porcupine Mining Division, Ontario
	Date: <b>MAY, 1985</b>	Scale: 1" = 1/2 mi. N.T.S.
	Drawn: <b>K. B.</b>	Approved: _____
		File: <b>M-102</b>

PREVIOUS WORK

Parts of the property now held by Golden Range Resources Ltd. was first explored in 1964 during the Timmins base metal rush. This work consisted of magnetometer and EM surveying by National Explorations Ltd. and Midland Petroleum Ltd. This geophysical work was followed by 8 drill holes by National Explorations on the south half of Lot 5, Concession 1, Prosser Township and 3 holes by Midland Petroleum Ltd. on its property covering the south half of Lot 2, Concession 1, Prosser Township.

The results of this work including some core specimens are on file with the Ministry of Natural Resources in Timmins, Ontario.

This work was done prior to the discovery of the Nickel Offsets gold zone in Tully Township and although favourable geology, quartz-carbonate veining, and pyrite were intersected in the drilling, only one hole had any samples analysed for gold.

McIntyre Mines Ltd. conducted vertical loop EM and magnetic surveys over part of the Golden Range Group 2 claims and drilled two conductive zones in 1974-75. Two holes were drilled in the NE 1/4 of the N 1/2 of Lot 4, Concession VI to test a conductor with a weak coincident magnetic anomaly. The first hole was abandoned in overburden and the second intersected sediments, graphite and dacitic tuffs. No assays were submitted with the

drill log. A third hole was drilled to test a conductive zone in the SE 1/4 of the N 1/2 of Lot 4, Concession VI. This hole intersected a variety of sediments and tuffs and bottomed in talc rich ultramafic rock. Carbonate alteration and quartz veins up to 20' wide are noted in the drill log of his hole. No assay results were submitted with the drill log. Since first acquiring ground in this area in 1980, the current landholders have completed linecutting, magnetic surveying, horizontal loop EM surveying, and 2 drill holes (1984). All work as well as the drill core have been submitted to the Ministry of Natural Resources for assessment credit.

Hole 1 which was drilled in the northwest corner of the south half of Lot 2, Concession 1 of Prosser Township collared in peridotite at 82 feet, entered sediments at 461 feet and was stopped at 480 feet.

Hole 2 which was drilled just south of the Prosser-Wark Township line near the Lot 3-4 boundary collared in sediments and felsic tuffs at 232 feet and intersected ultramafic rocks at 497 feet. The hole was stopped at 568'. While no ore grade values were intersected, anomalous gold values were obtained in favourable settings in several locations in the hole.



## SURVEY PROCEDURE, INSTRUMENTATION AND STATISTICS

A detailed grid with north south picket lines at 50m intervals was established over all but one of the 23 claims, that being claim 797 267.

The surveys were done by J. Liversage and N. Sillanpaa of Mid Canada Exploration Services Ltd. using a Geonics EM-16 VLF receiver and a Geonetics G-816 proton precession magnetometer. The VLF survey was carried using the NAA (Anapolis Maryland) remote transmitter station (240 k Hz).

A total of 91.2km of line were cut with 4760 magnetometer and 3047 VLF readings being taken in the course of the survey.

The survey was carried out between January 17 and January 29, 1985.

## INTERPRETATION

### Group 1

A weak overburden conductor was defined on the northern part of lines 3750W through 3600W inclusive. A crossover located on line 35W at 675S appears to be a misplot of a + sign which should have been a - sign. The magnetic relief over the entire grid is quite low.

A weak magnetic trend extends east-northeasterly from the west side of the grid at 350-450m north, disappears between lines 36+50 and 35+00W and then continues in an east-northeasterly

direction to the east boundary between 6+20 to 7+40N. This magnetic feature probably represents slightly magnetic volcanic tuffs or flows within relatively non-magnetic sediments and tuffs.

Group 2

No VLF anomalies were located presumably because of the considerable overburden (in excess of 200' in places).

The detailed magnetic survey shows the general strike direction to be northeasterly as indicated by previous airborne and ground surveys.

The new detailed survey show two separate magnetic features toward the west boundary of the grid. The more southerly (near 900S on line 29W) is thought to be the expression of underlying ultramafic rocks intersected by McIntyre Mines in Hole 75-7. The Golden Range hole drilled on the west boundary of claim P 554 176 may have intersected this same horizon. The magnetic expression of the ultramafic contact is quite subtle between lines 23W and 26W.

The weak, more northerly magnetic feature probably reflects the presence of a slightly magnetic flow or tuff band.

Group 3

The broad VLF crossover located near the north end of the grid on lines 11W to 14W is thought to be an overburden response. A previously defined east trending Max Min II anomaly in the central part of P-554 168 was not detected by the VLF survey. This is probably the same zone outlined and drilled by Midland Petroleum Ltd. A northeast trending Max Min II anomaly on claim P554 170 was not detected by the VLF survey.

The detailed magnetic survey, while corresponding very well with the survey reported on by K. Darke (1981), does tend to show the ultramafic units in the southwest part of the property more clearly. It is very likely that rather than being truncated by faulting or otherwise ending near line 12W, that alteration has destroyed the magnetite and other ferro-magnesian minerals and hence the magnetic signature of the rocks. The Max Min anomaly which continues northeasterly probably marks a graphitic zone within sediments near the ultramafic-sediment contact.

Group 4

No VLF anomalies were detected on the grid. Magnetic relief over the entire grid is quite low and no distinct magnetic features are discernible.

CONCLUSIONS & RECOMMENDATIONS

After reviewing all available data including the subject data for this report, it is suggested that:

1. a short program of overburden sampling be carried out on the Group 1 claims to test the basal overburden section for anomalous gold concentrations in the tills. This work should be done south of the conductive zones outlined by National Explorations in 1964 as a cost effective method of obtaining further information about the property.
2. an effort be made to obtain further information from McIntyre Mines Ltd. concerning the assay results from their 1975 drilling.

and

3. Conductor "D" from K. Darkes report be drilled to test the ultramafic-sediment contact in the SE 1/4 of Lot 2, Concession 1 of Prosser Township (Group 3). This contact would appear to be the strike extension of the Nickel Offsets stratigraphy.

Drilling in this area would test the stratigraphy within two miles of the Nickel Offsets mineralization.

Respectfully submitted,



R. Bruce Durham

REFERENCES

- Amendolagine, E.  
1964 Summary of Drill Programme on Property of National  
Explorations Ltd., Prosser Township.
- Carlson, H.D.  
1982 Geophysical Report on a Vertical Loop Electro-  
magnetic Survey of Hunkin Claims in Wark Township.
- Darke, V.H.  
1981 Geophysical Report on Magnetic and Horizontal Loop  
Electromagnetic Surveys, Prosser-Wark Townships,  
Ontario Property.
- MNR Assessment Files, Timmins, Ontario
- MNR Core Library, Timmins, Ontario
- Zill, J.R.  
1964 Summary of Drill Programme on Property of Midland  
Petroleum Ltd., Prosser Township.

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 am a Fellow of the Geological Association of Canada.
3. I have been practising my profession primarily in Canada since 1976.
4. I have no direct or indirect interest in the properties, leases, or securities of Golden Range Resources Ltd., its Prosser and Wark Townships Property, nor do I expect to receive any.

Dated this April 29, 1985, at Timmins, Ontario.



R. Bruce Durham, B.Sc.

*Final.  
2.4980*



1985 08 02

Your File: A57/85  
Our File: 2.8190

Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

RE: Notice of Intent dated July 15, 1985  
Geophysical (Electromagnetic & Magnetometer)  
Surveys on Mining Claims P 554168,  
et al, in Poosser, Wark Townships

---

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,

S.E. Yundt  
Director  
Land Management Branch

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

D. Isherwood:mc

cc: Golden Range Resources Inc  
189 Preston Street  
Timmins, Ontario  
P4N 3N4  
cc: Mr. G.H. Ferguson  
Mining & Lands Commissioner  
Toronto, Ontario

cc: H. Deschene  
729 Eyre Blvd  
Timmins, Ontario  
P4N 4Z3  
cc: Resident Geologist  
Timmins, Ontario

Encl.





Ontario

Ministry of  
Natural  
Resources

# Technical Assessment Work Credits

File

2.8190

Date

1985 07 15

Mining Recorder's Report of  
Work No.

157/85

Recorded Holder

GOLDEN RANGE RESOURCES INC./M. DESCHENE

Township or Area

PROSSER, WARK TOWNSHIPS

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b>	
Electromagnetic _____ 40 _____ days	
Magnetometer _____ 20 _____ days	P 554168 to 171 inclusive 554176 to 182 inclusive
Radiometric _____ days	797238 to 241 inclusive
Induced polarization _____ days	797268 to 272 inclusive
Other _____ days	803823-824
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

[Empty box for special credits]

No credits have been allowed for the following mining claims

not sufficiently covered by the survey       Insufficient technical data filed

P 797267

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  
Natural  
Resources

July 30/85

1985 07 15

Your File: 157/85  
Our File: 2.8190

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. R.J. 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

*F.D.S.* D. Isherwood:mc

Encls.

cc: Golden Range Resources Inc  
189 Preston Street  
Timmins, Ontario  
P4N 3N4

M.Deschene  
729 Eyre Blvd  
Timmins, Ontario  
P4N 4Z3

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



Ministry of  
Natural  
Resources

Ontario

Notice of Intent  
for Technical Reports

1985 07 15

1.8190/157/85

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 Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



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

#157/85  
2.8190

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

June 4

Mining Act

Type of Survey(s) **Geophysical - Magnetometer & VLF** Township or Area **Prosser & Wark Twp.**  
 Claim Holder(s) **Golden Range Resources Inc. / M. Deschene** Prospector's Licence No. **T-1324 M20324**  
 Address **189 Preston St., Timmins, Ontario / 729 Eyre Blvd., Timmins, Ontario**  
 Survey Company **Mid Canada Exploration Services** Date of Survey (from & to) **17 / 05 / 29 / 85** Total Miles of line Cut **36.8 km.**  
 Name and Address of Author (of Geo-Technical report) **R. Bruce Durham, P.O. Box 1637, Timmins, Ontario**

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
P	554 176	15			
	554 177	20			
	554 178	20			
	554 179	20			
	554 180	20			
	554 181	20			
	554 182	20			
	797 267				
	803 823				
	803 824				
	797 238				
	797 239				
	797 240				
	797 241				
	554 168	20			
	554 169				
	554 170				
	554 171				
	797 268				
	797 269				
	797 270				
	797 271				
	797 272				

RECEIVED  
MAY 29 1985  
MINING LANDS SECTION

RECORDED  
APR 15 1985  
Receipt No. *lf*

PERFORMED ON CLAIM(S) **APR 15 1985**  
 Type of Work Performed  
 Performed on Claim(s) **7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6**  
 A.M. P.M.

Calculation of Expenditure Days Credits  
 Total Expenditures \$  ÷ 15 = Total Days Credits

\*Note: Some claims were covered by an earlier mag. survey. Total number of mining claims covered by this report of work. **23**

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

For Office Use Only  
 Total Days Cr. Recorded **935** Date Recorded **April 15/85** Mining Engineer **[Signature]**  
 Date Approved as Recorded **see revised statement** Branch Director

Date **April 15/85** Recorder/Holder or Agent (Signature) **[Signature]**

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  
**O. Hicks**  
**189 Preston Street S., Timmins, Ont.**  
 Date Certified **April 15/85** Certified by (Signature) **[Signature]**

**REGISTERED**

June 5, 1985

Report of Work #157

Golden Range Resources Inc  
189 Preston Street  
Timmins, Ontario  
P4N 3N4

Dear Sirs:

RE: Mining Claims P 554176, et al,  
in the Townships of Prosser & Wark

---

I have not received the reports and maps (in duplicate)  
for the Electromagnetic Survey on the above-mentioned  
claims.

As the assessment "Report of Work" was recorded by  
the Mining Recorder on April 15, 1985, the 60 day period allowed  
by Section 77 of the Mining Act for the submission  
of the technical reports and maps to this office  
will expire on June 14, 1985.

If the material is not submitted to this office by June 14, 1985,  
I will have no alternative but to instruct the Mining  
Recorder to delete the work credits from the claim  
record sheets.

For further information, please contact Mr. Arthur Barr  
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

A. Barr:mc  
cc: Mining Recorder  
Timmins, Ontario

cc: M. Deschene  
Timmins, Ontario  
cc: R. Bruce Durham  
Timmins, Ontario

Encl.

# GOLDEN RANGE RESOURCES INC.

Telephone (705) 267-7971

189 Preston St. Timmins, Ontario P4N 3N4

TSE - GORT

June 6, 1985

Mr. F. W. Matthews  
Ontario Ministry of Natural Resources  
W1617, Whitney Block  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Re: Assessment Report  
Prosser/Wark Twps  
Geophysical - Magnetometer & VLF

Dear Sir:

Enclosed are duplicate copies of a report on magnetic and VLF survey concerning a group of claims located in Prosser and Wark townships.

Yours truly,

GOLDEN RANGE RESOURCES INC.



Orville Hicks  
Director

/ch

Enclosure

**RECEIVED**

JUN 07 1985

**MINING LANDS SECTION**

EM mag

554 176	✓	✓
177	✓	✓
178	✓	✓
179	✓	✓
180	✓	✓
181	✓	✓
182	✓	✓
797 267	∅	∅
803 823	✓	✓
824	✓	✓
797 238	✓	✓
239	✓	✓
240	✓	✓
241	✓	✓
554 168	✓	✓
169	✓	✓
170	✓	✓
171	✓	✓
797 268	✓	✓
269	✓	✓
270	✓	✓
271	✓	✓
272	✓	✓

**LEGEND**

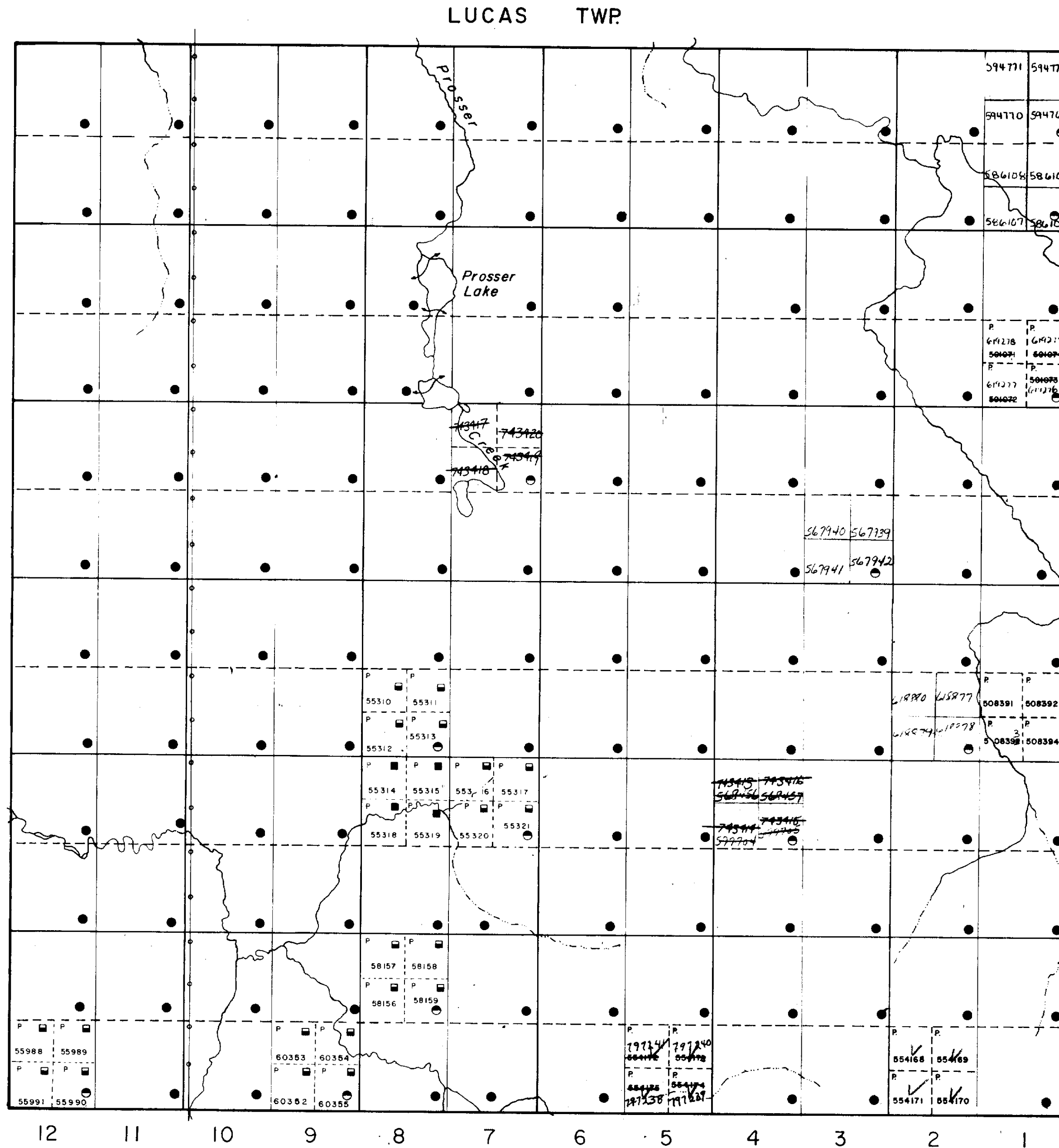
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- LITTY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- NATIONAL SHORELINE
- WASH OR MUSKEG
- MINES
- TRAVEL MONUMENT

**DISPOSITION OF CROWN LANDS**

- | TYPE OF DOCUMENT                | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS |        |
| "    SURFACE RIGHTS ONLY        |        |
| "    MINING RIGHTS ONLY         |        |
| LEASE SURFACE & MINING RIGHTS   |        |
| "    SURFACE RIGHTS ONLY        |        |
| "    MINING RIGHTS ONLY         |        |
| LICENCE OF OCCUPATION           |        |
| ORDER-IN-COUNCIL                |        |
| RESERVATION                     |        |
| CANCELLED                       |        |
| SAND & GRAVEL                   |        |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1

CARNEGIE TWP.



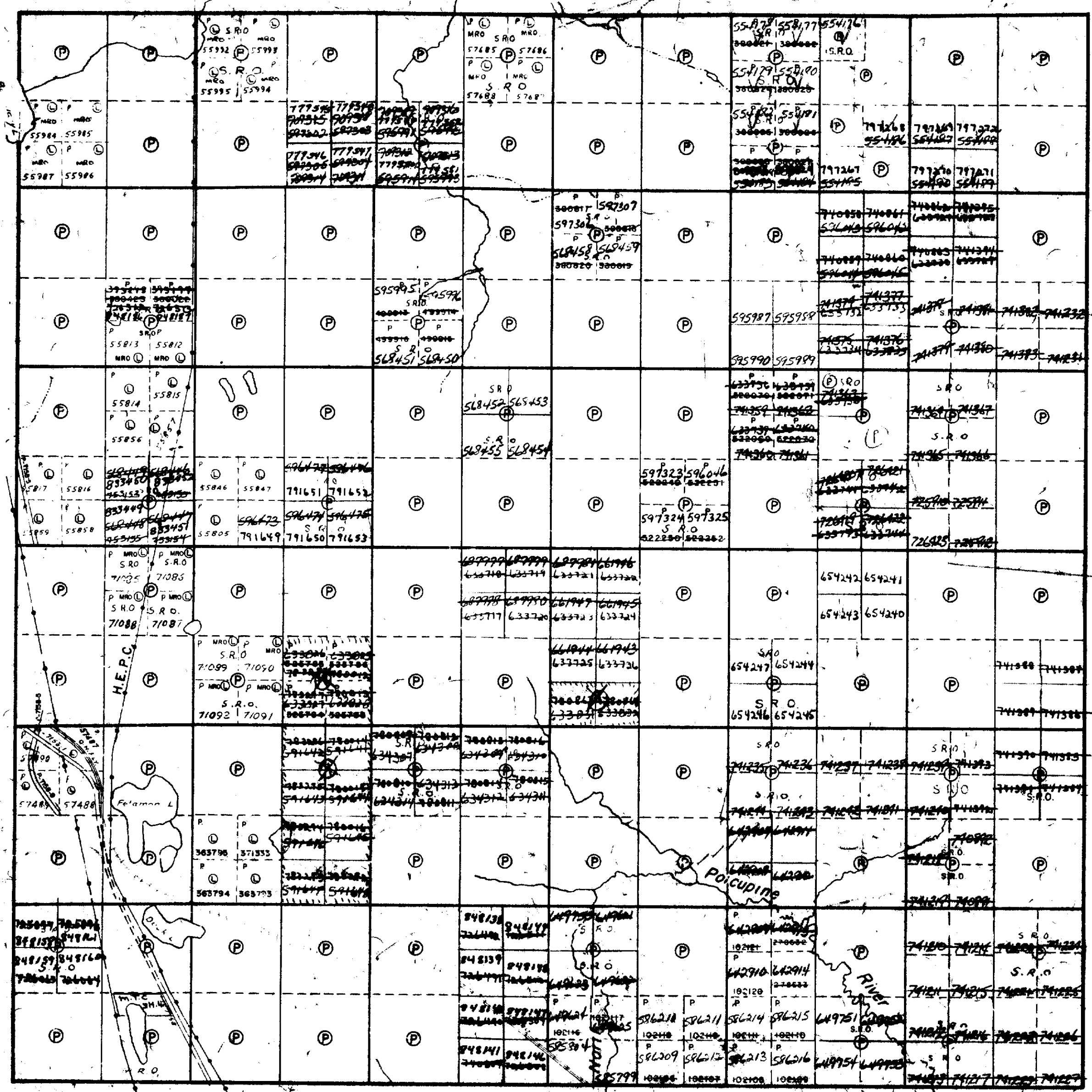


W 31 S

GWT 1216

T 15

Prosser Twp.



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

Murphy Twp.

THE TOWNSHIP OF

WARK

DISTRICT OF COCHRANE  
PORCUPINE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES

NOTES

- 400' Surface rights reservation around all lakes & rivers.
- Ont. Northland Rwy. spur line R/W for S.R.O. see file 177607.
- This township lies within the Municipality of CITY of TIMMINS.
- ① 1/2 Lot 9, Con 3, & Lot 9, Con 2 & 1/2, 1/2, Lot 6, Con 3 - with stream from staking - SR + M.R.
- ② D. Referred for staking M.R.O. 65/83

PLAN NO.- M-317

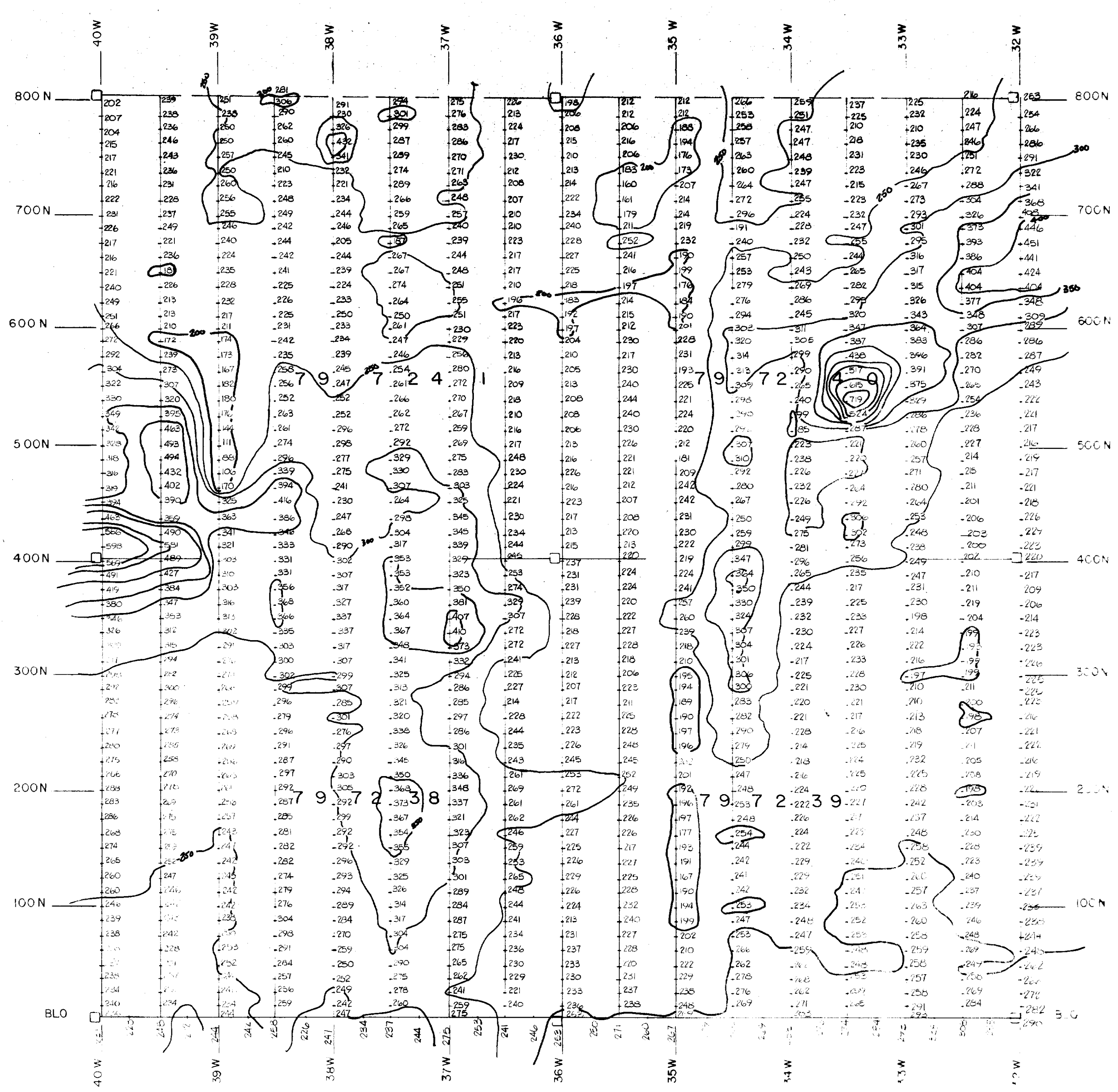
ONTARIO  
MINISTRY OF NATURAL RESOURCES  
SURVEYS AND MAPPING BRANCH

W 31 S

WARK 1216

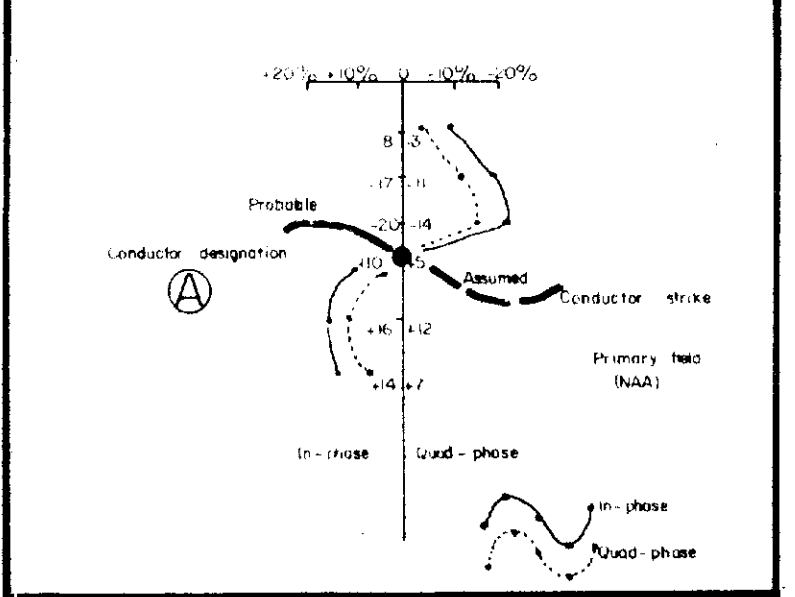
T 15



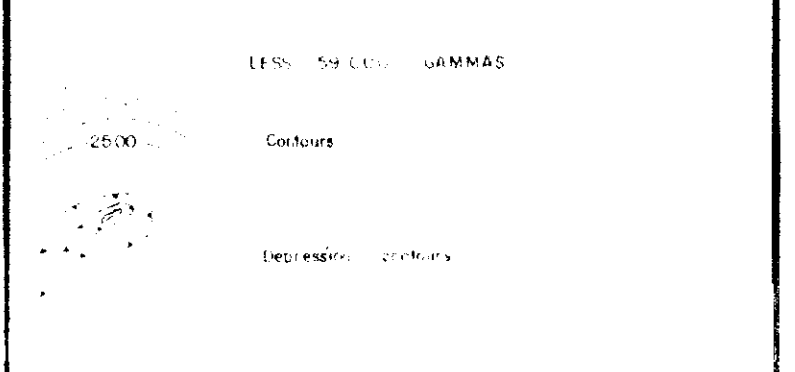


GEOLOGY LEGEND

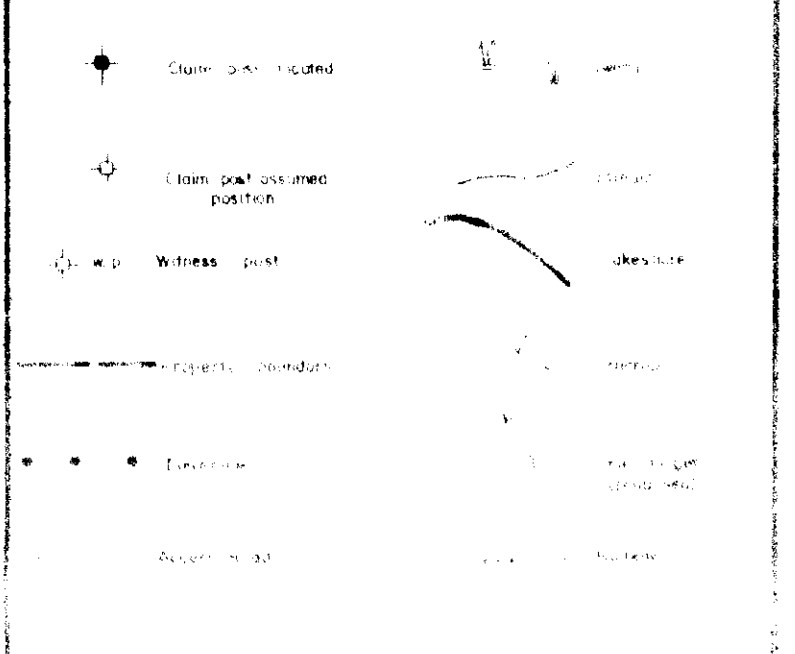
VLF SURVEY



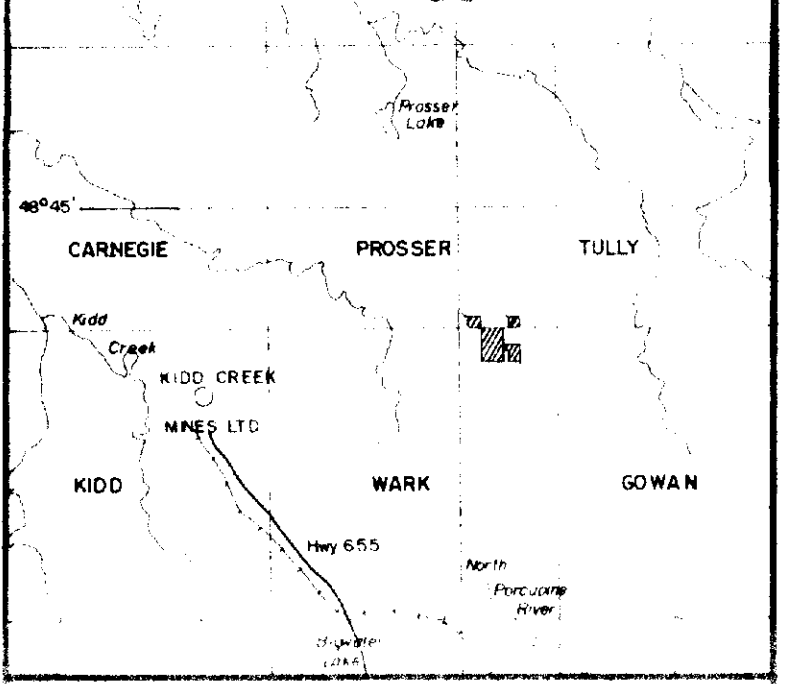
MAGNETIC SURVEY



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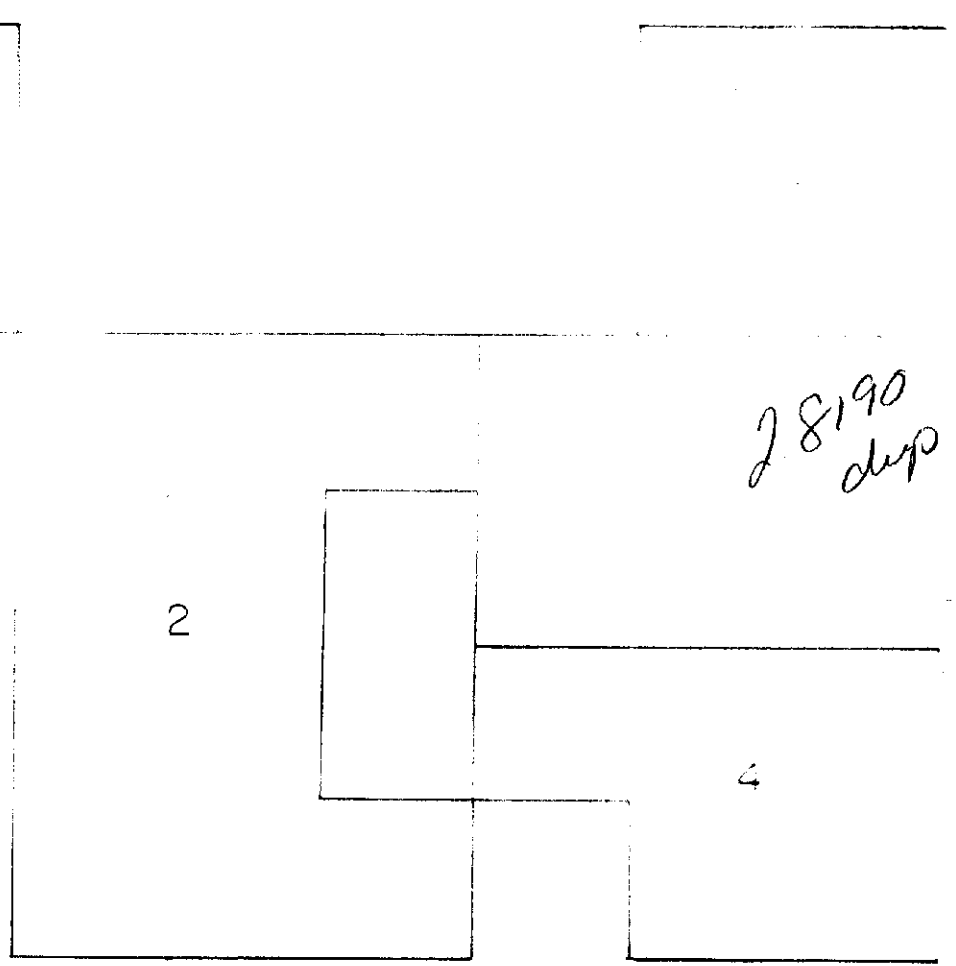


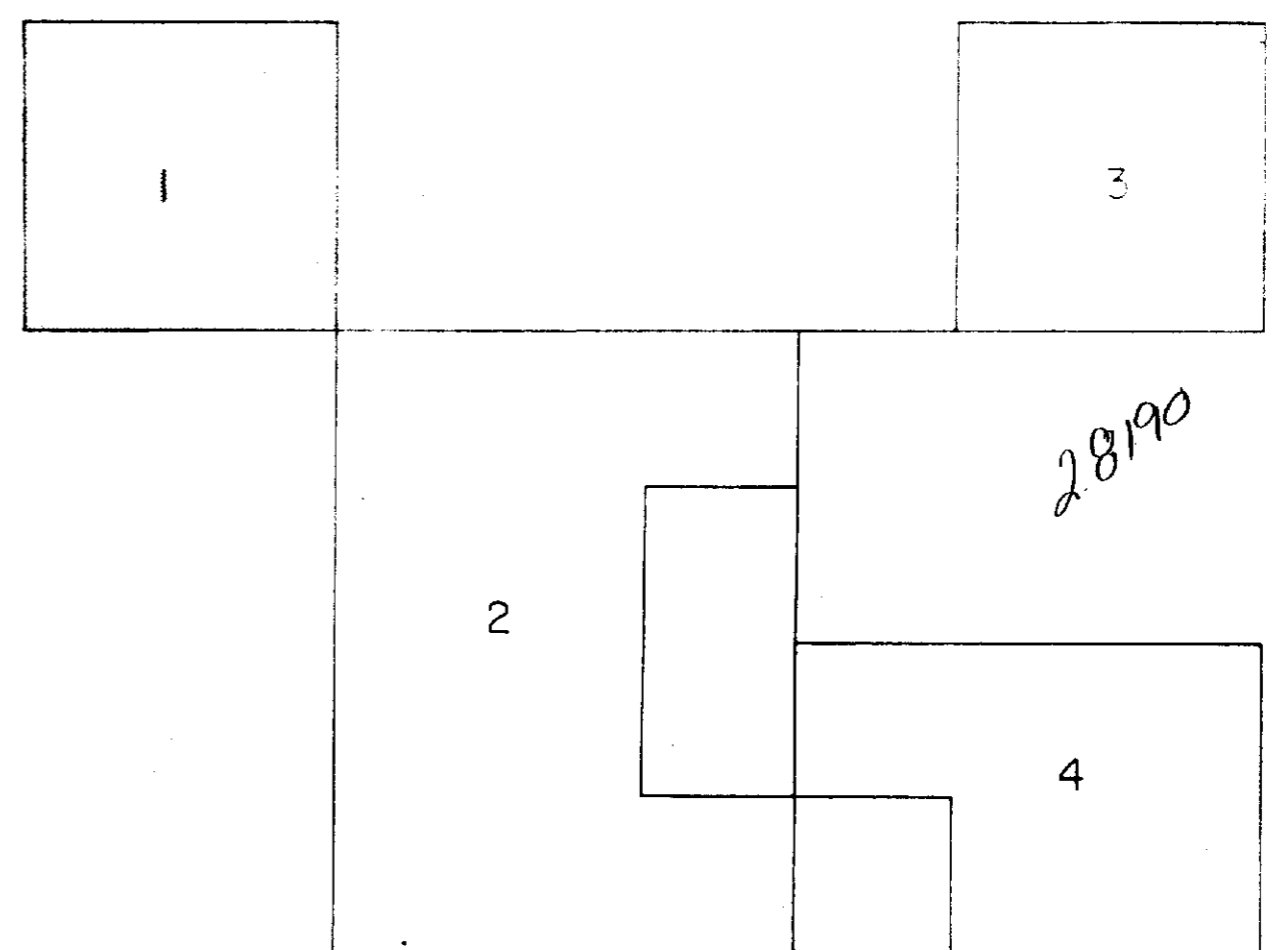
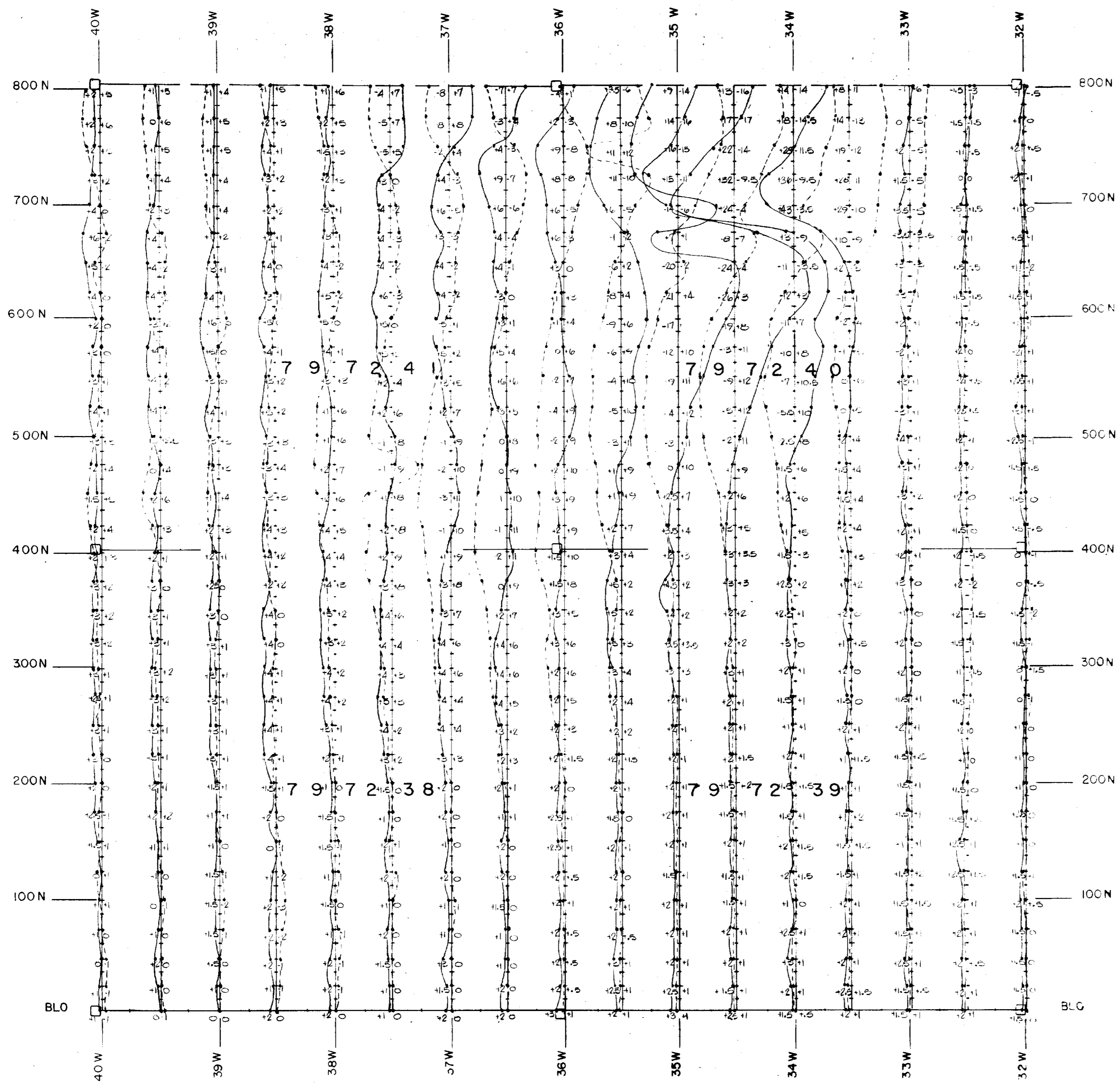
MID - CANADA  
EXPLORATION SERVICES LIMITED  
for  
**GOLDEN RANGE**  
RESOURCES INC.

MAGNETIC SURVEY

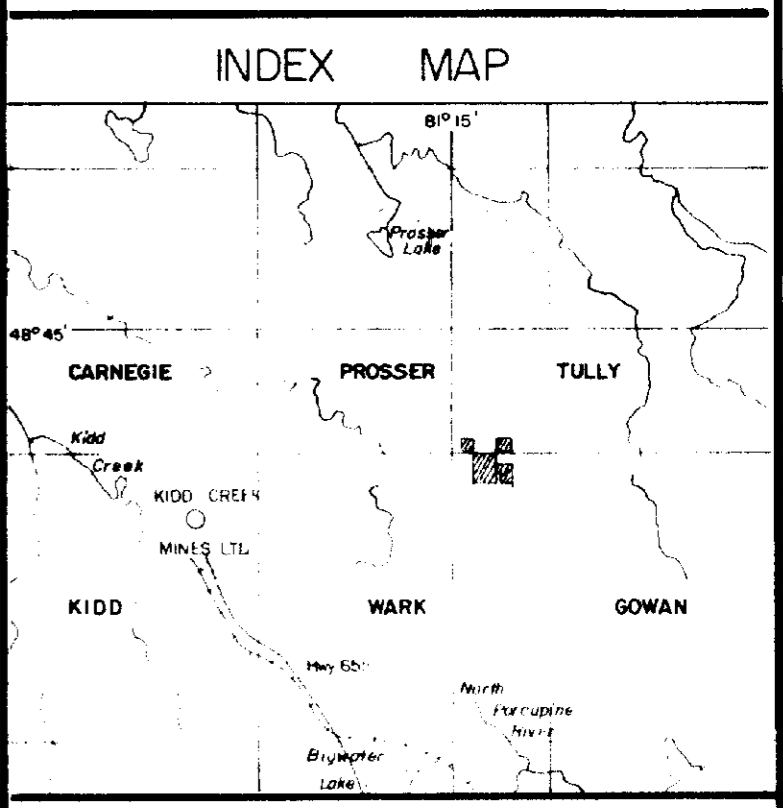
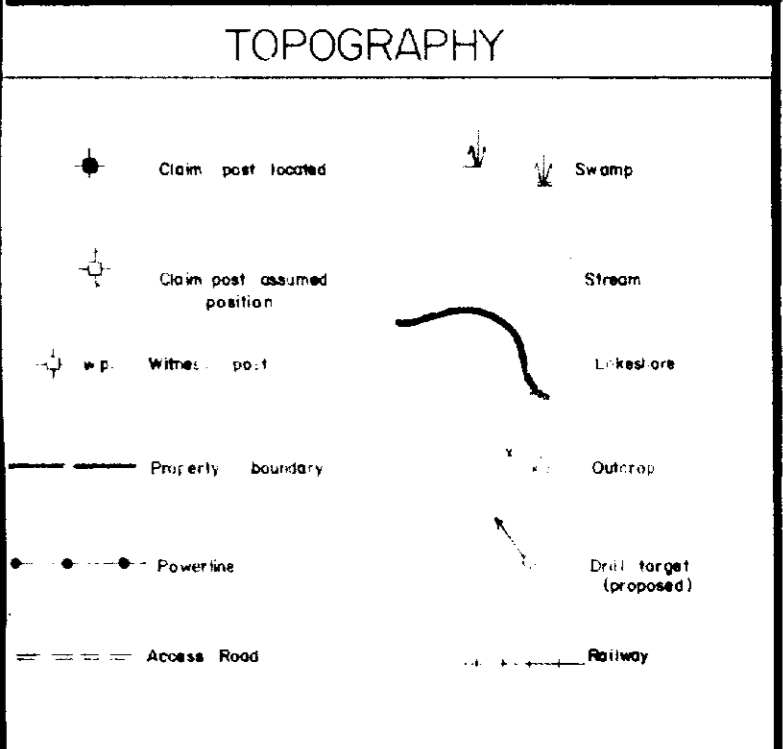
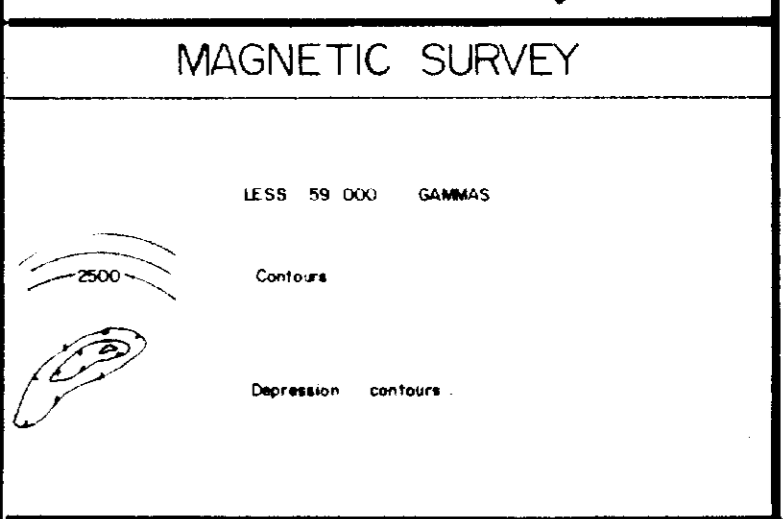
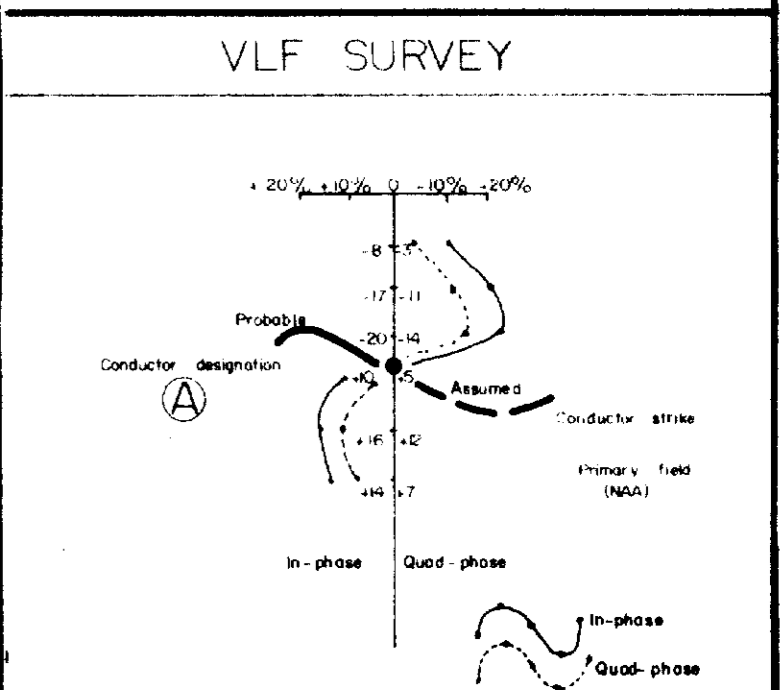
Operator: J. L. Wright, N. S. Brown	Project:
Interpreted by:	TOWNSHIPS of
Drawn by:	PROSSER and WARK
Approved by:	
Revised by:	
SCALE: 1:50 meters	Drawing No:

28190 dup





GEOLOGY LEGEND

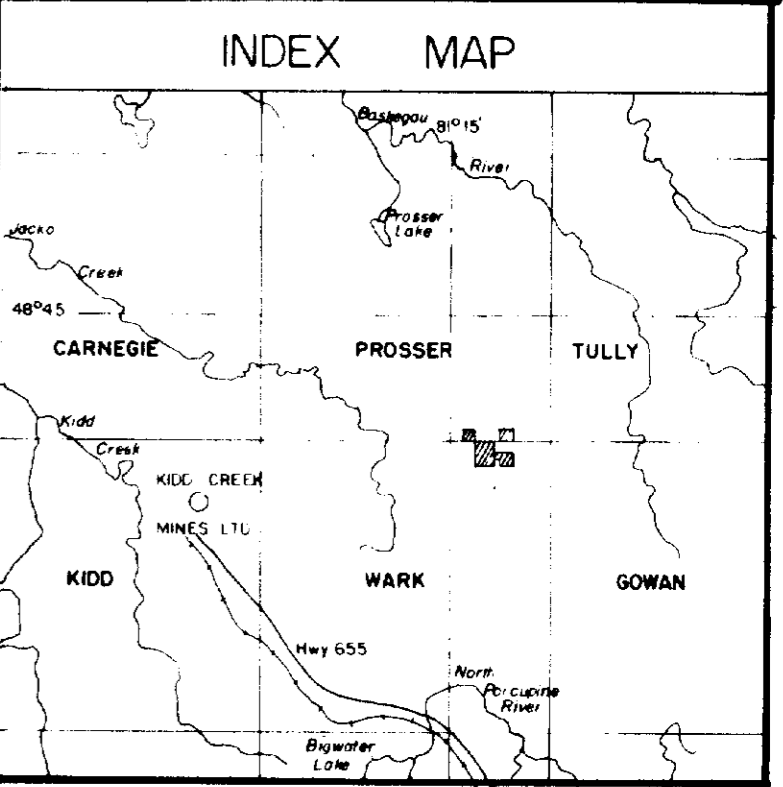
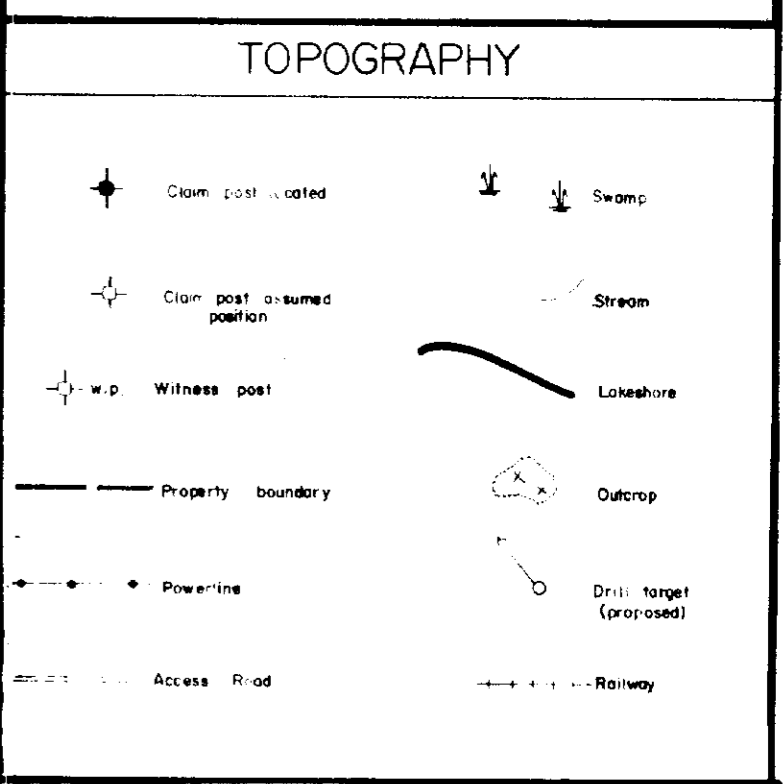
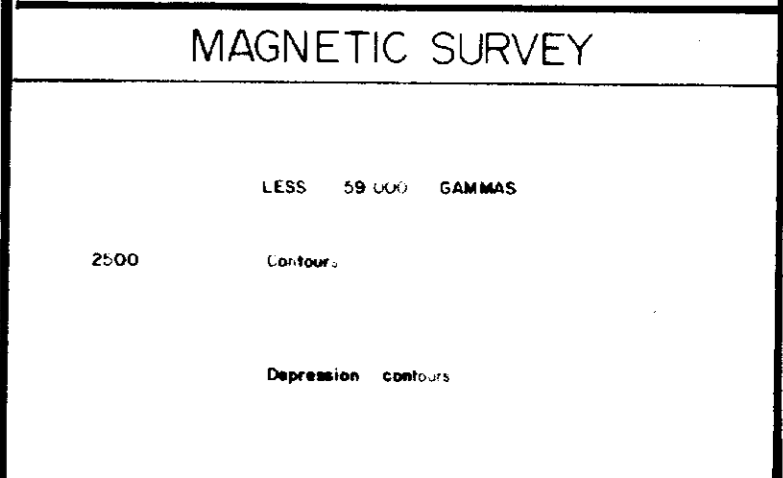
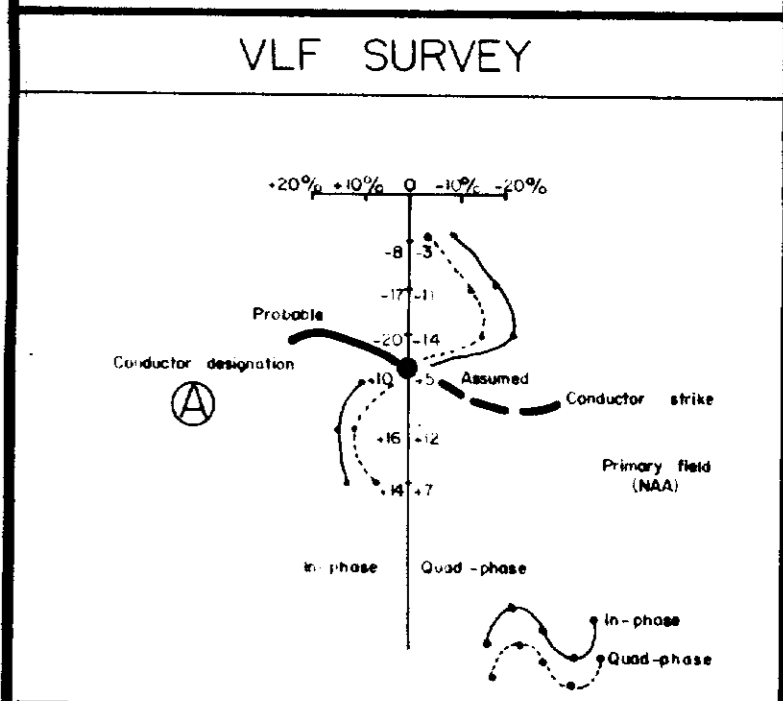
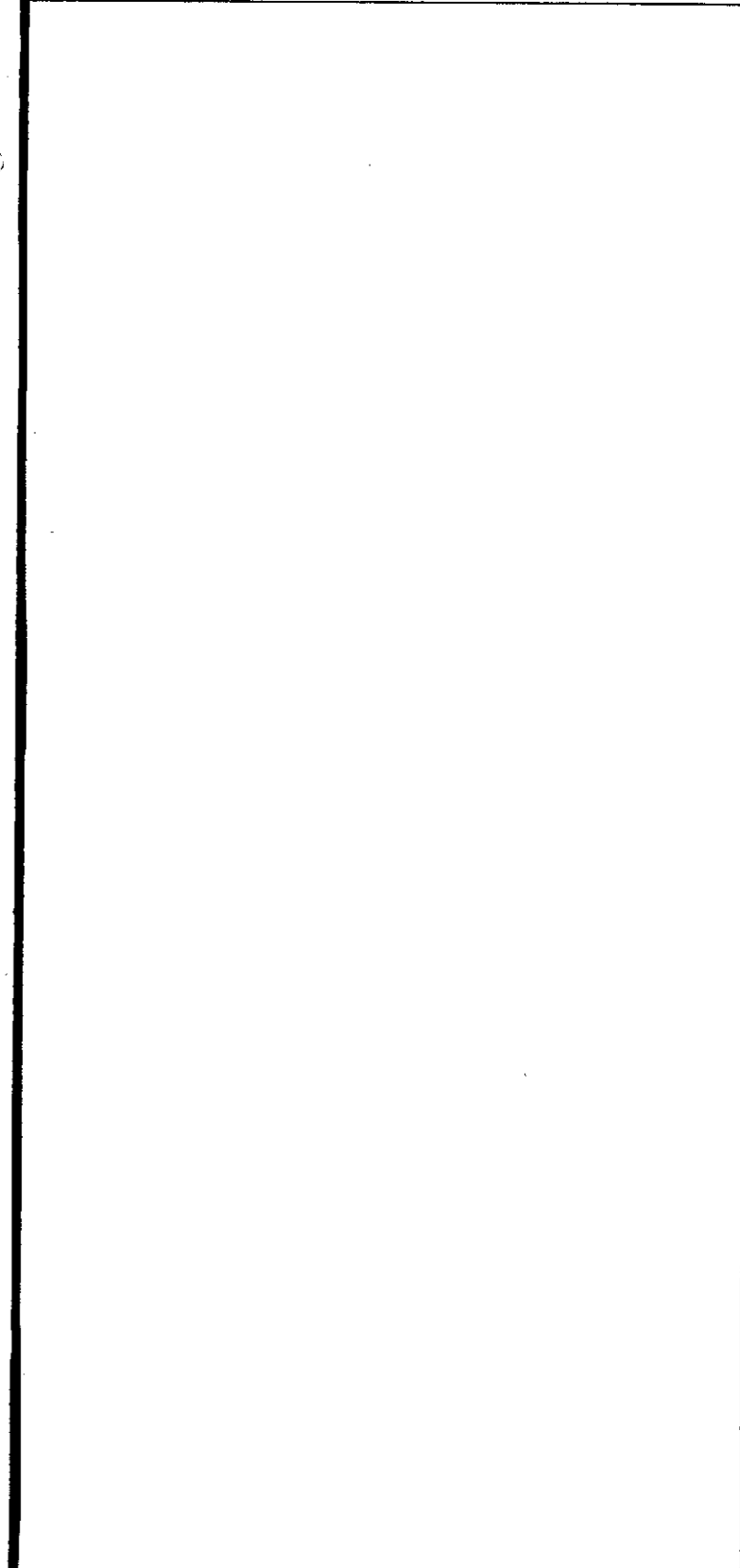


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for  
**GOLDEN RANGE**  
RESOURCES INC.

VLF SURVEY

Operators: J. Liversage, N. Siljanpo	Project:
Interpreted by:	TOWNSHIPS of
Drawn by:	PROSSER and WARK
Approved by:	
Revised by:	
SCALE: 1:50 meters	Drawing No. 1

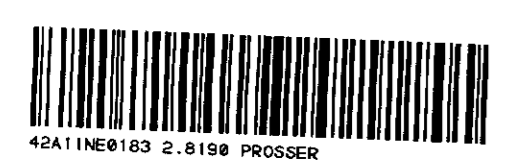
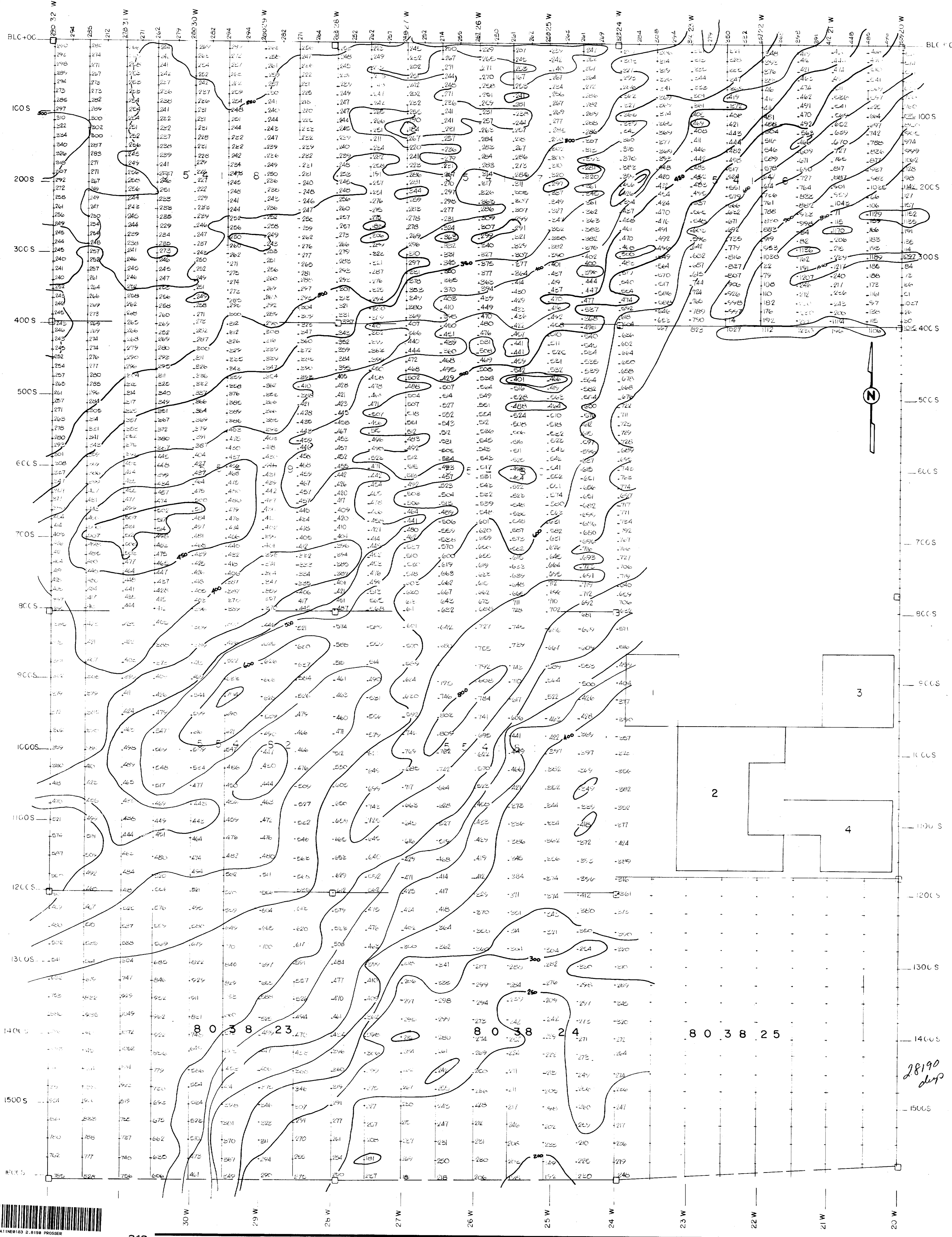
GEOLOGY LEGEND

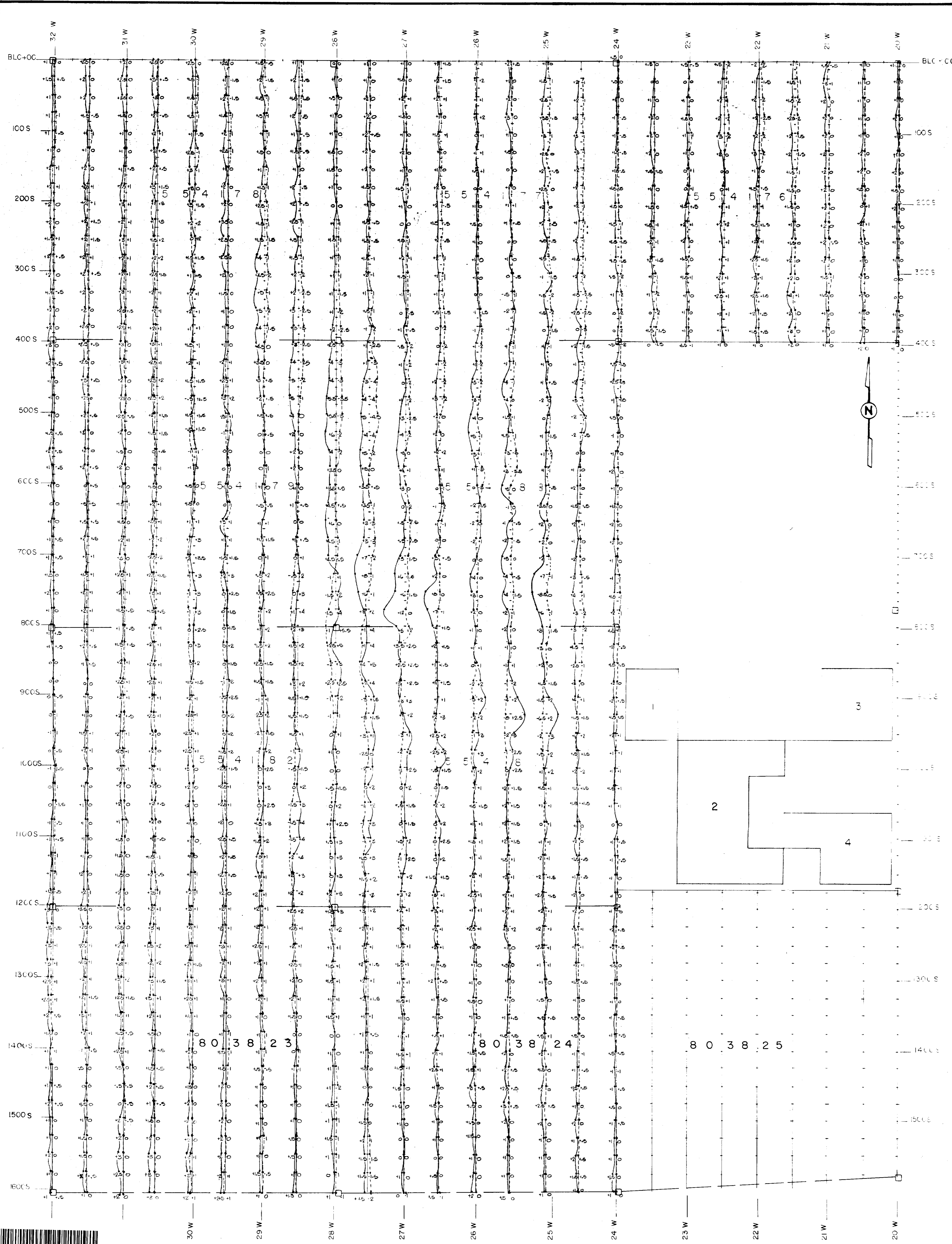


**MID-CANADA EXPLORATION SERVICES LIMITED**  
for  
**GOLDEN RANGE RESOURCES INC.**

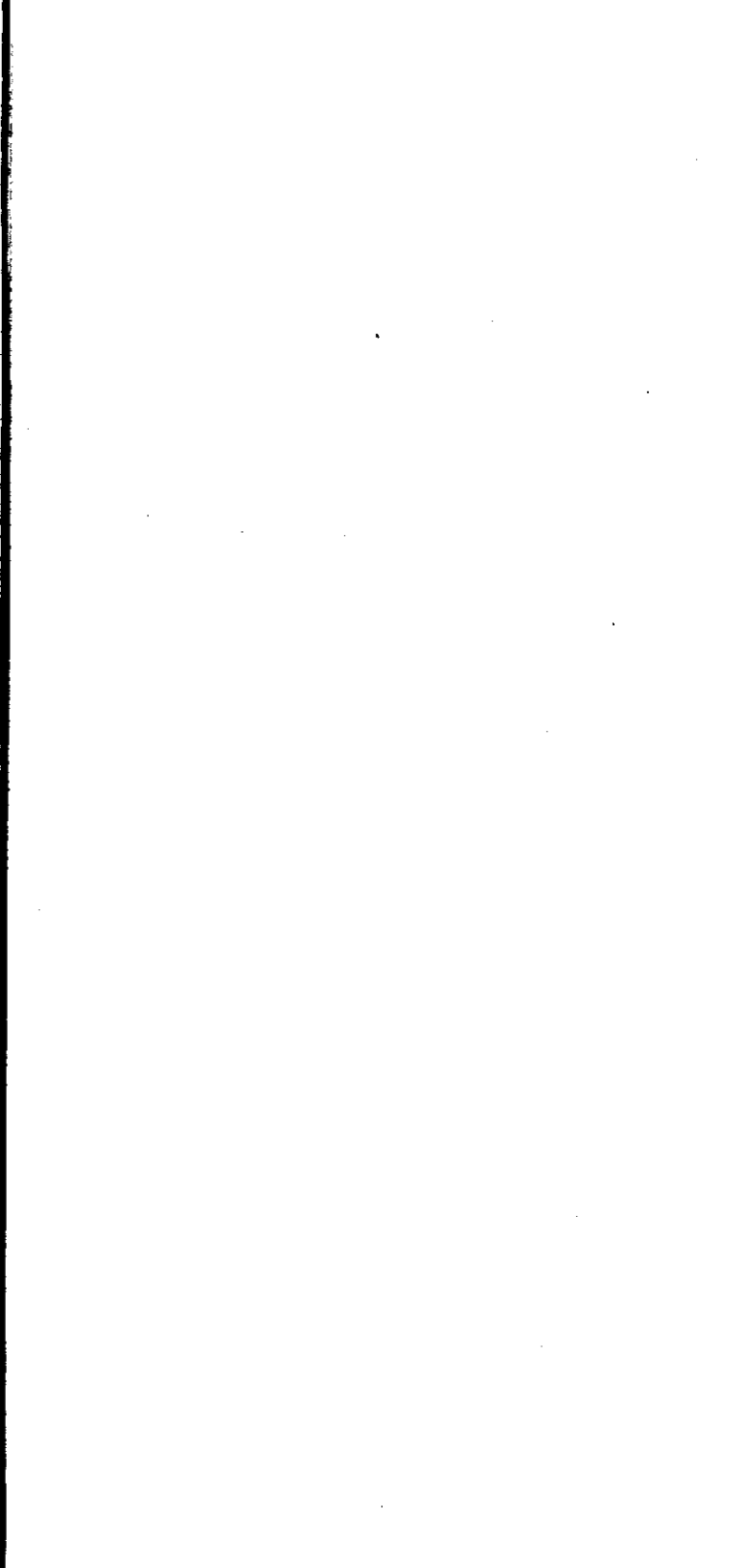
**MAGNETIC SURVEY**

Operator: J. Livermore, N. Sitton	Project: TOWNSHIPS of PROSSER and WARK
Interpreted by:	
Drawn by:	
Approved by:	
Revised by:	
SCALE: 1:50 meters	Drawing No. 2

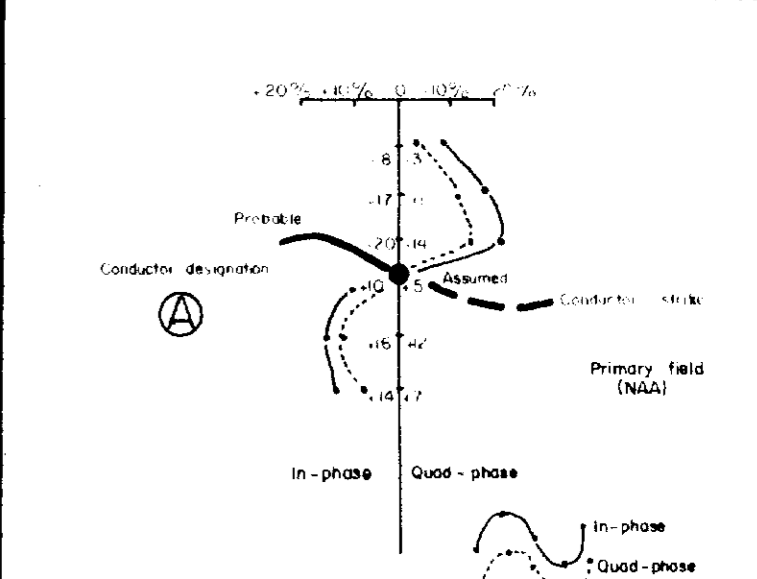




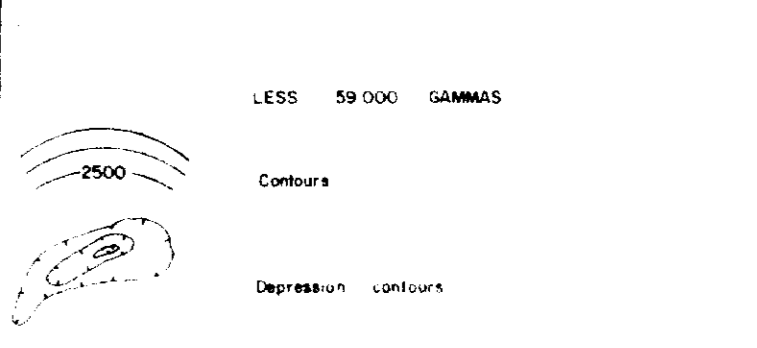
GEOLOGY LEGEND



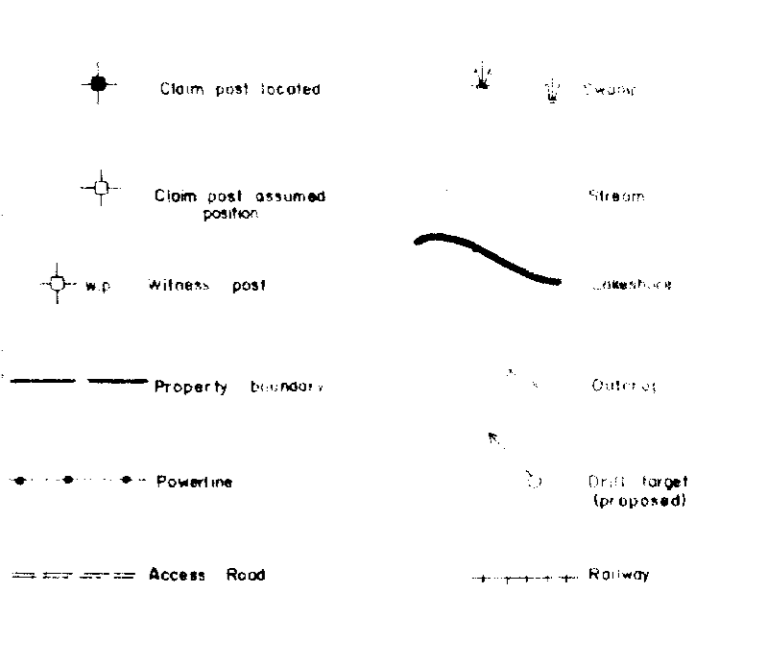
VLF SURVEY



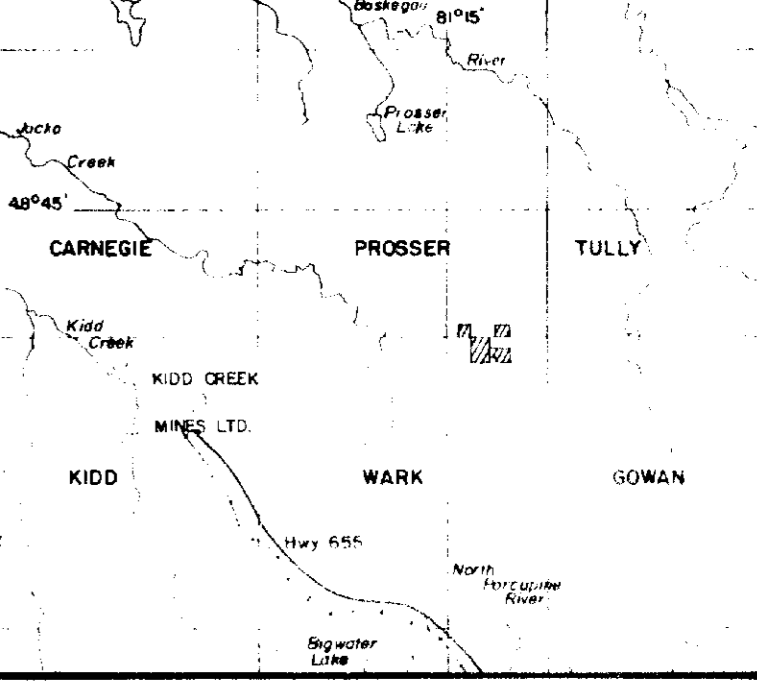
MAGNETIC SURVEY



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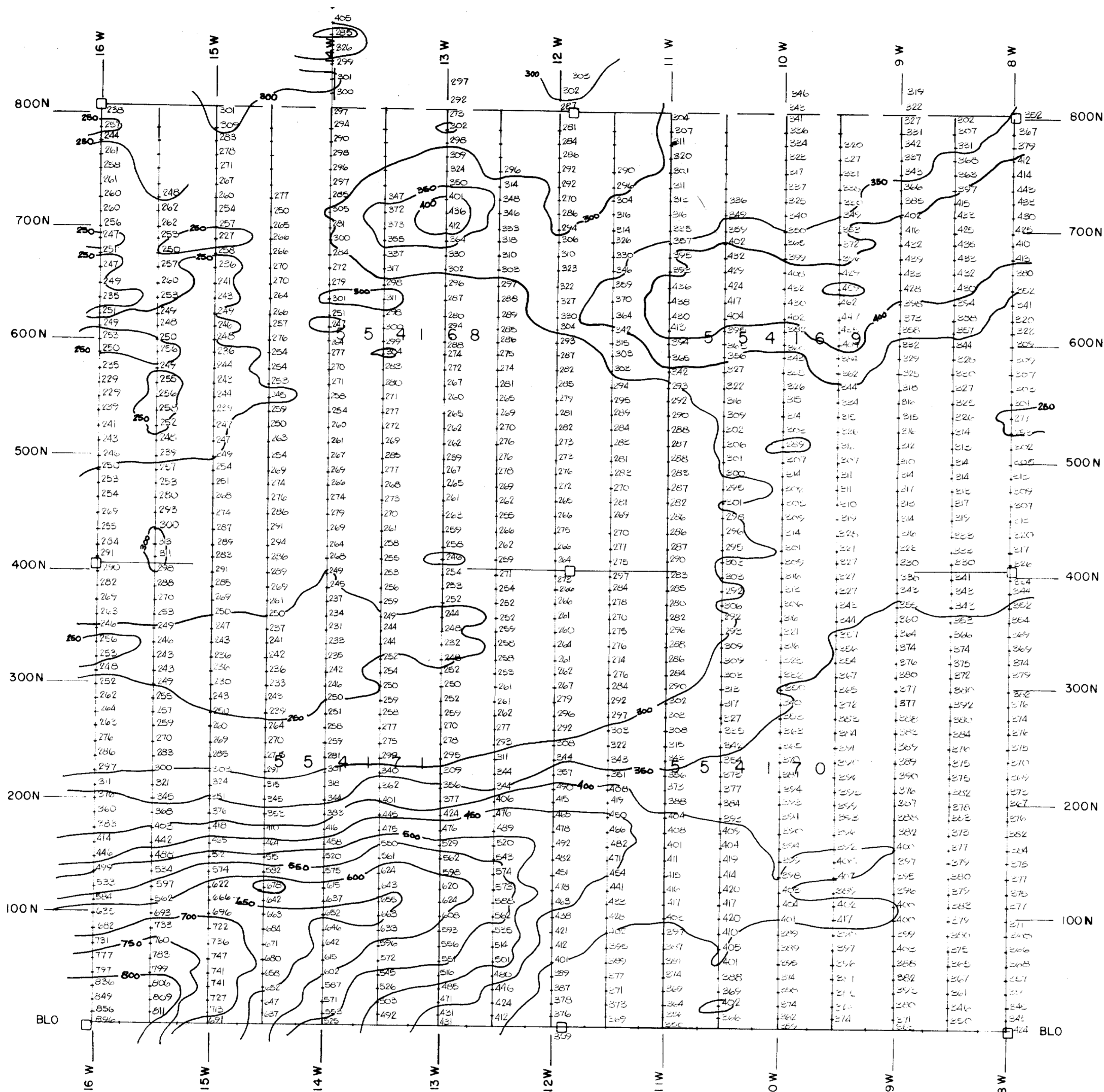


**MID-CANADA**  
EXPLORATION SERVICES LIMITED  
for  
**GOLDEN RANGE**  
RESOURCES INC.

VLF SURVEY 2.8190

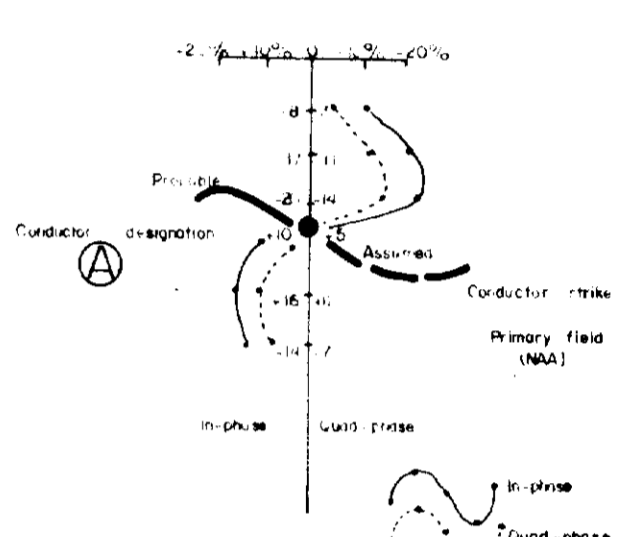
Operator: J. Laverge, R. Sillanpaa	Project:
Interpreted by:	TOWNSHIPS of PROSSER and WARK
Drawn by:	
Approved by:	
Revised by:	
SCALE: 1:5000 meters	Drawing No. 2



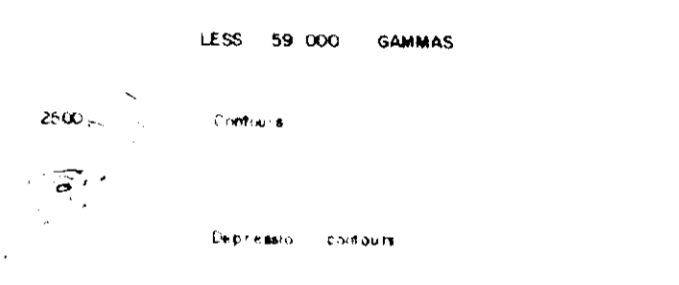


GEOLOGY LEGEND

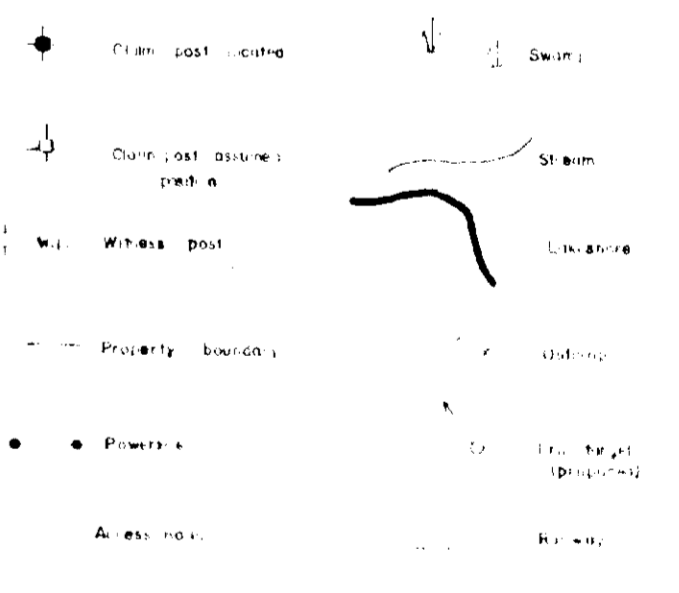
VLF SURVEY



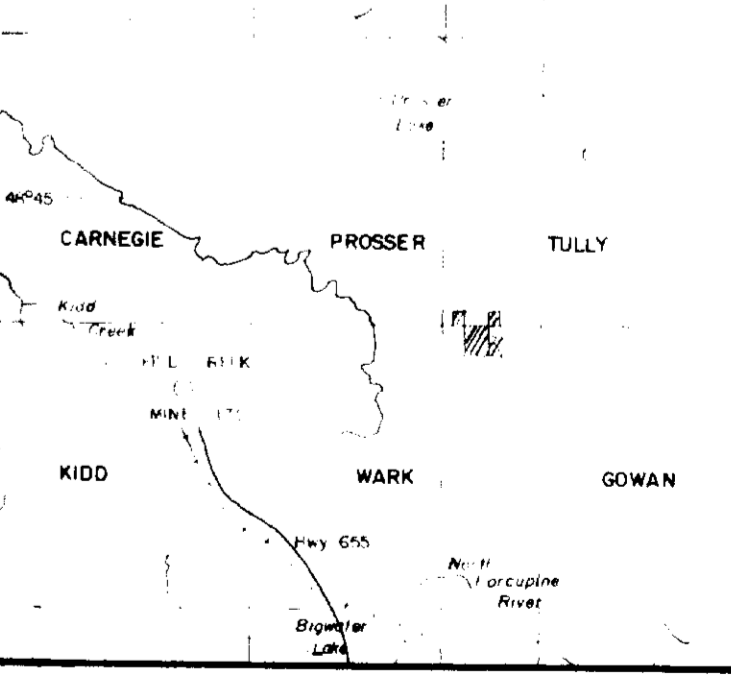
MAGNETIC SURVEY



TOPOGRAPHY



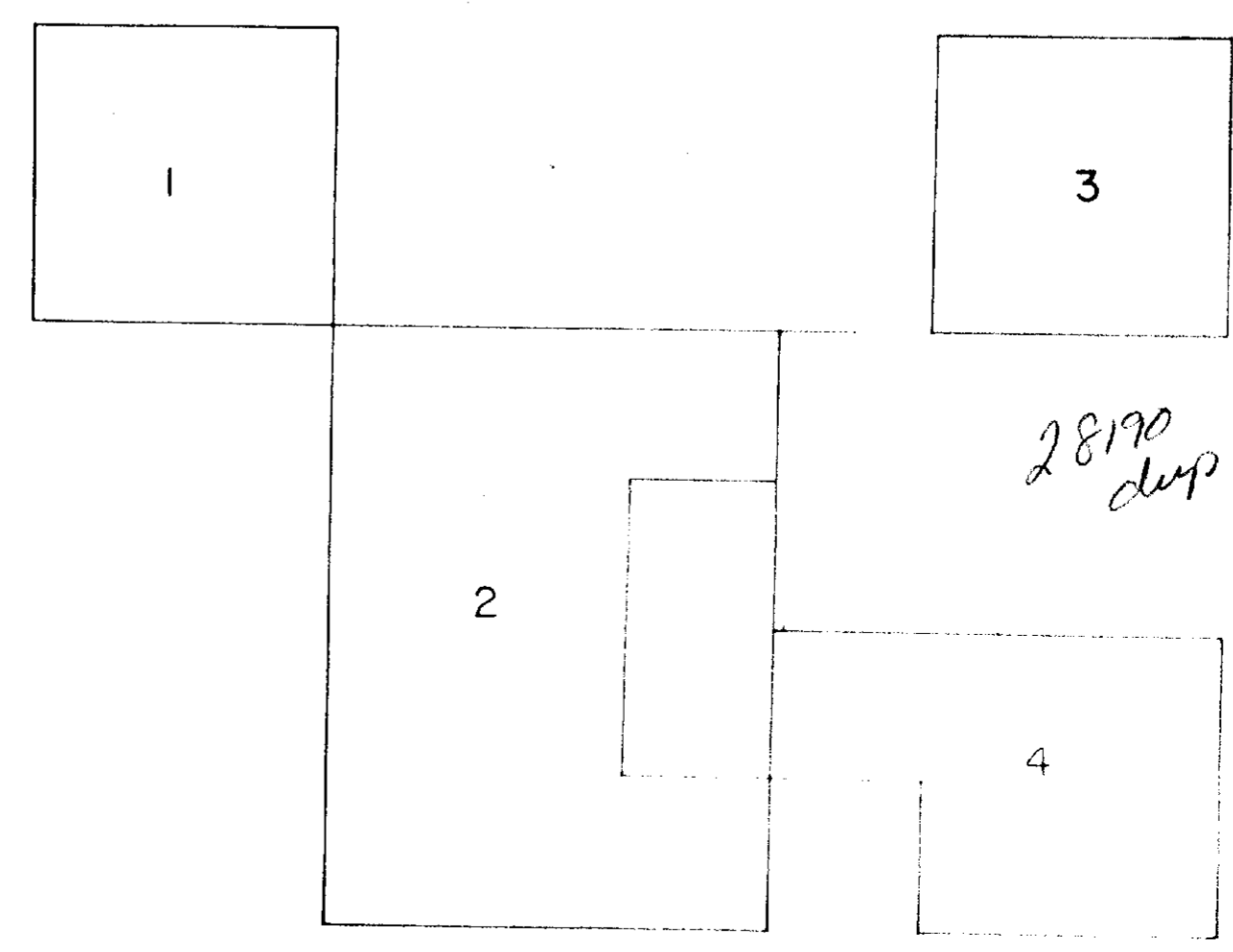
INDEX MAP

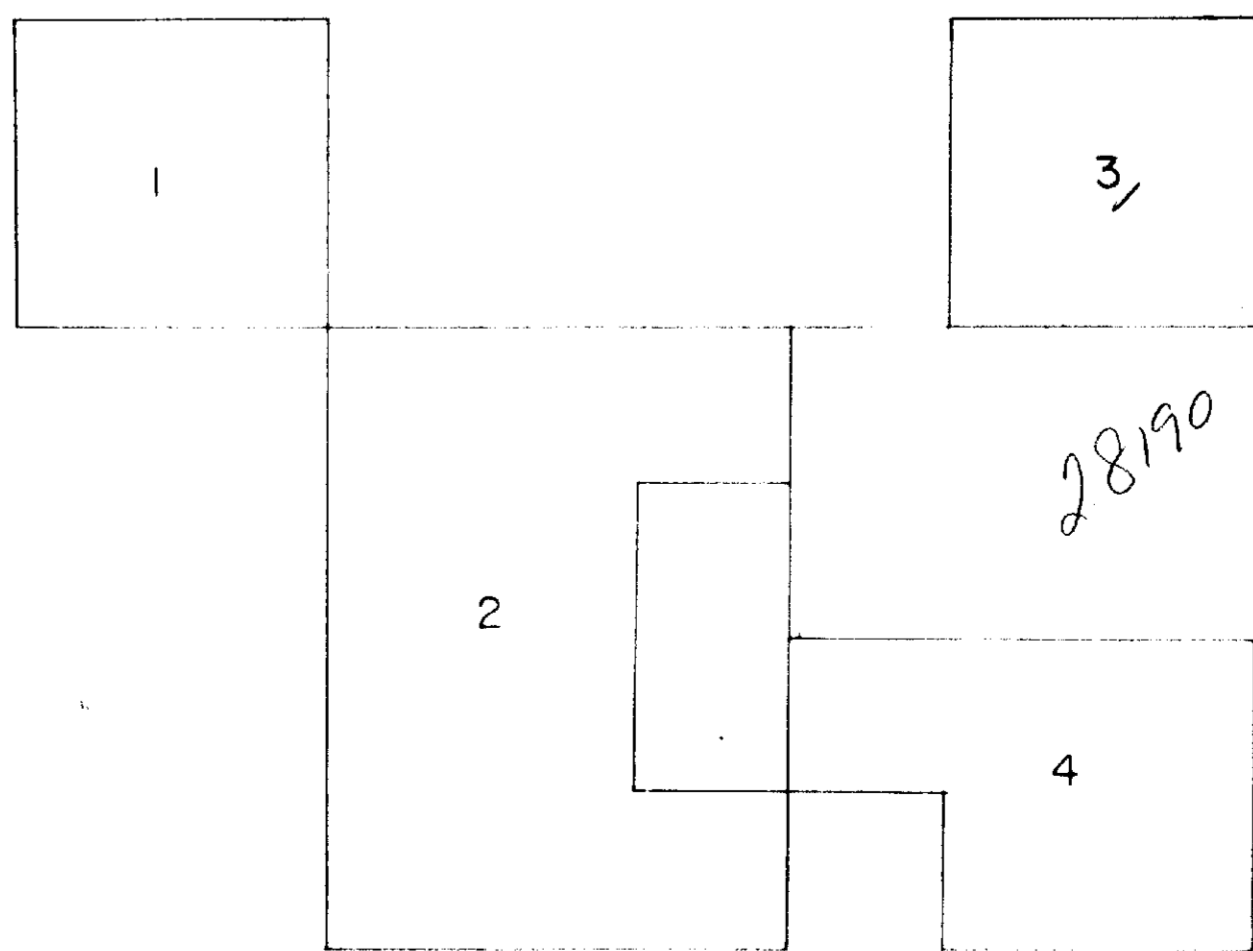
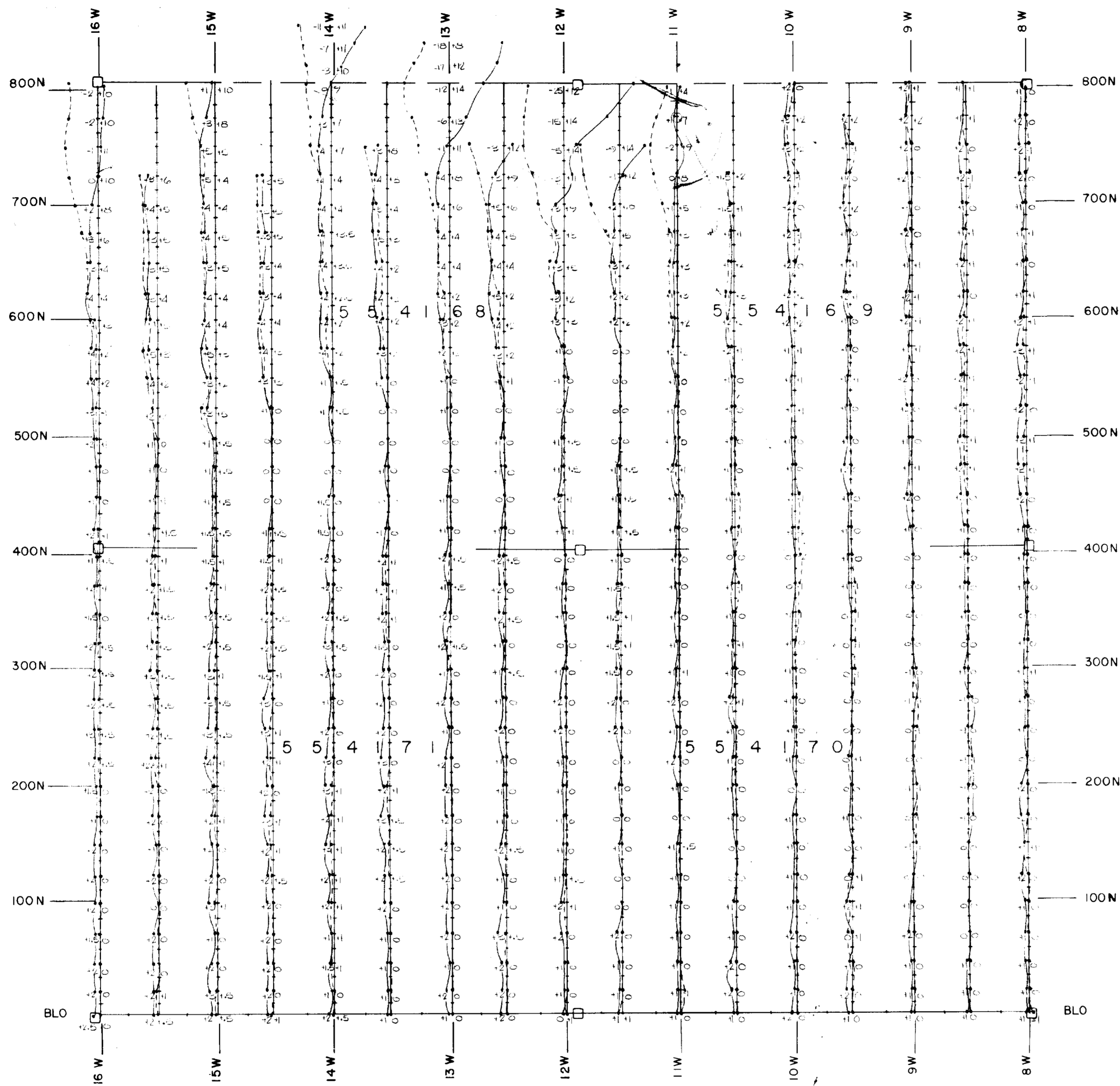


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RESOURCES INC

MAGNETIC SURVEY

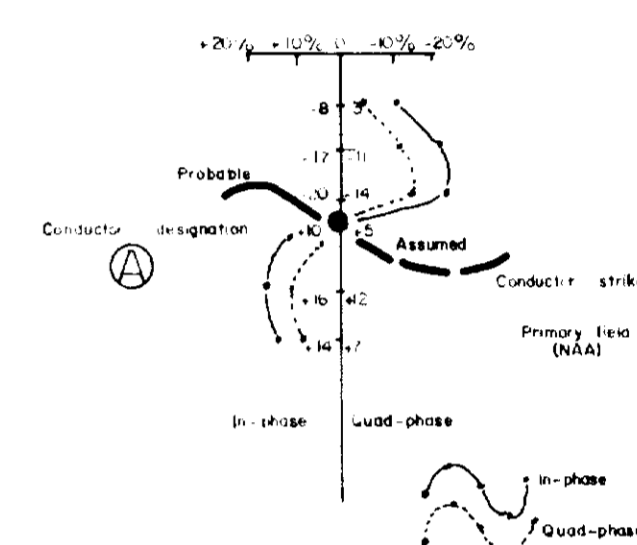
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Map No.	1
Scale	1:5000
Sheet No.	1
Township	PROSSER and WARK
Scale	1:5000
Sheet No.	1



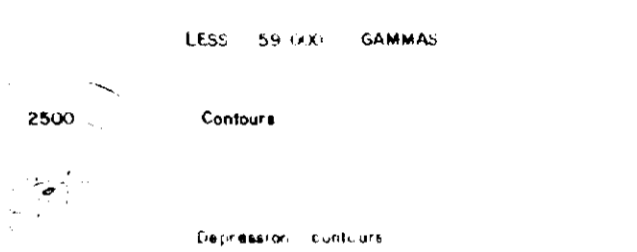


GEOLOGY LEGEND

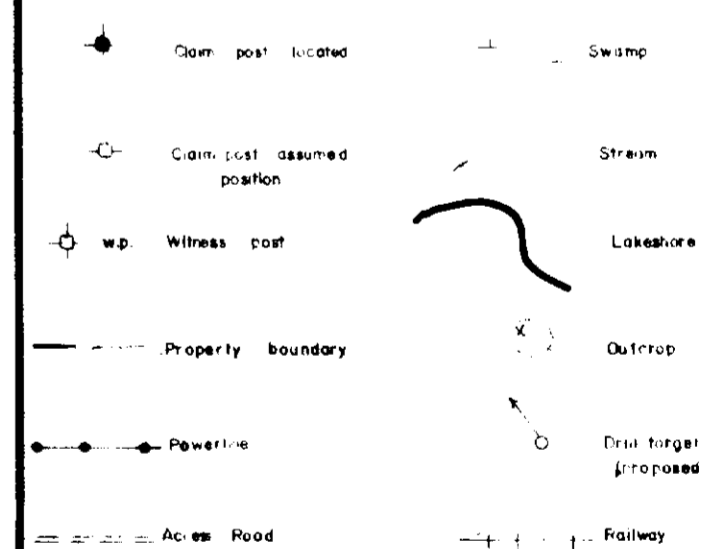
VLF SURVEY



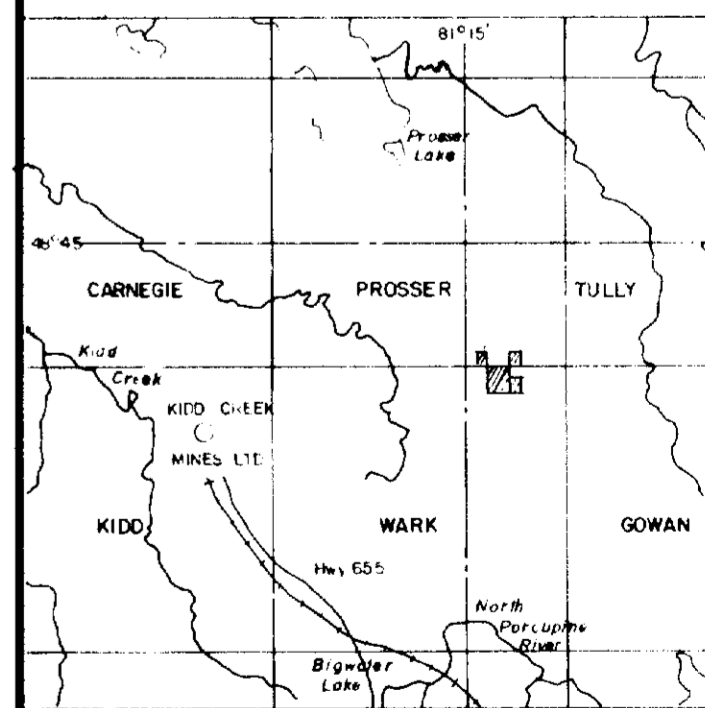
MAGNETIC SURVEY



TOPOGRAPHY



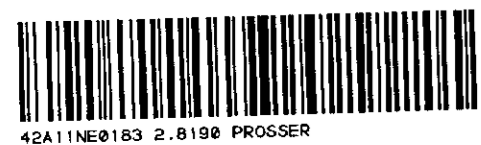
INDEX MAP



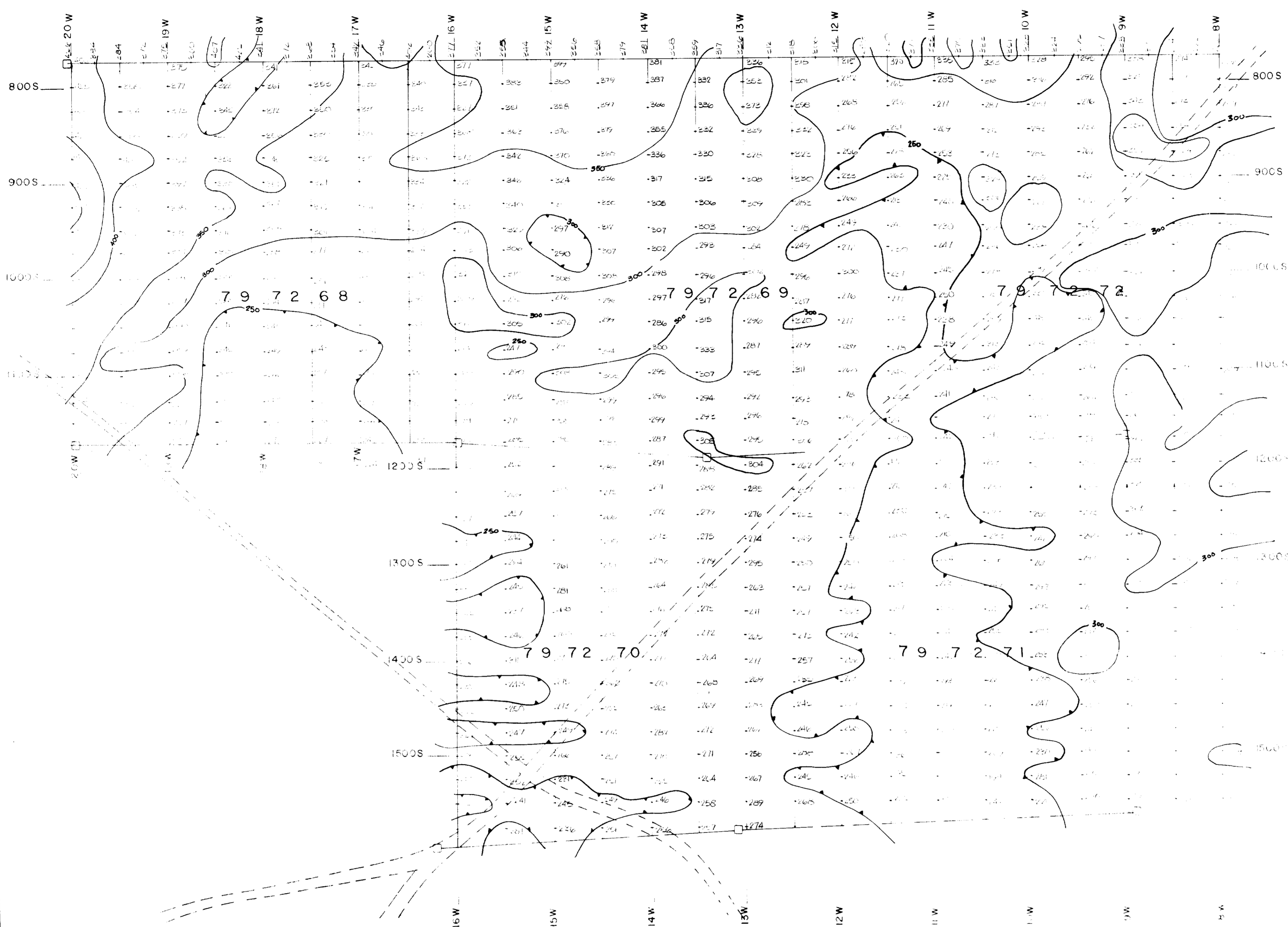
**MID-CANADA**  
EXPLORATION SERVICES LIMITED  
for  
**GOLDEN RANGE**  
RESOURCES INC.

VLF SURVEY

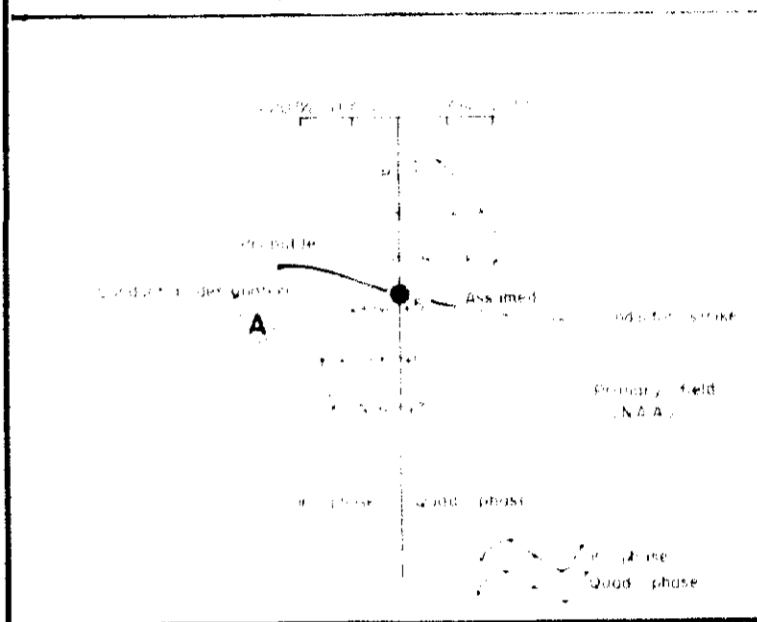
Operator	Project
Interpreted by	TOWNSHIPS of
Drawn by	PROSSER and WARK
Approved by	
Revised by	
SCALE 1:500 meters	Drawn No.



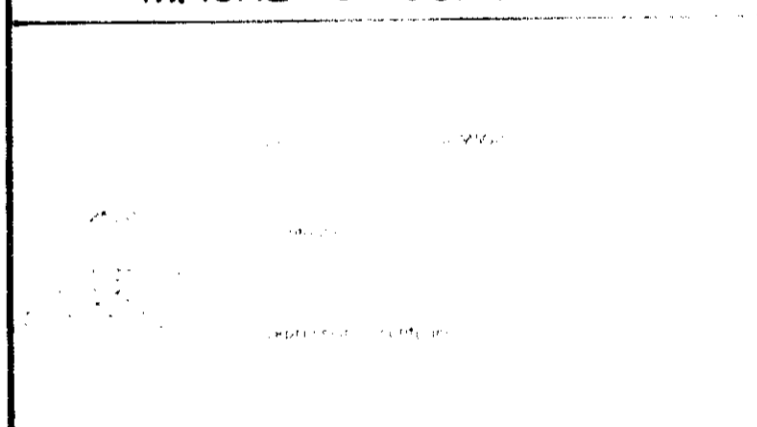
GEOLOGY LEGEND



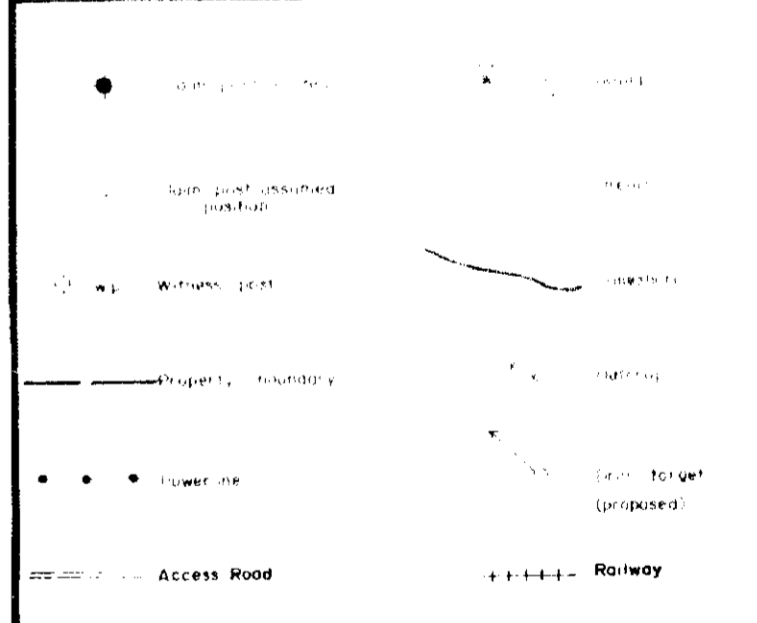
VLF SURVEY



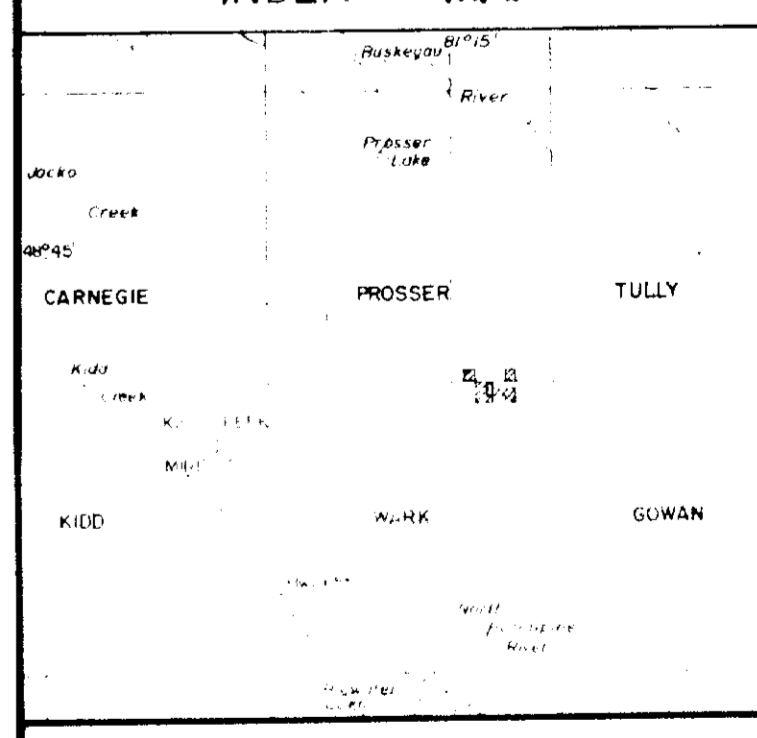
MAGNETIC SURVEY



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INDEX MAP



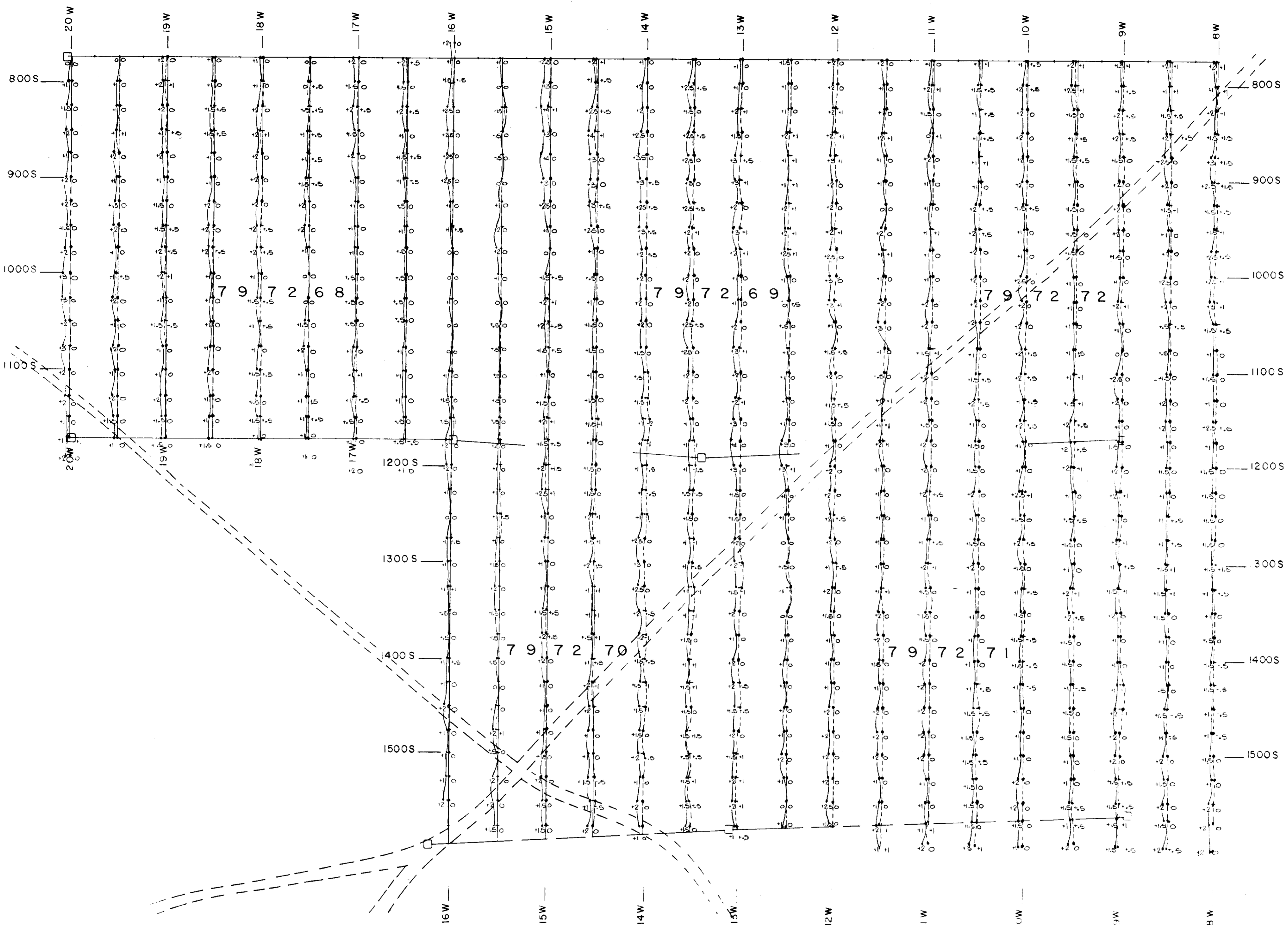
MID-CANADA  
EXPLORATION SERVICES LIMITED  
for  
**GOLDEN RANGE**  
RESOURCES INC

MAGNETIC SURVEY

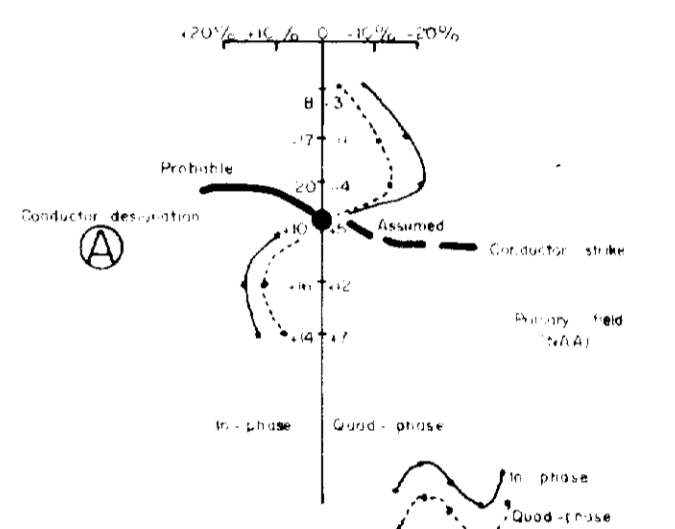
Operated as a Liversidge subsidiary  
Interpreted by  
Drawn by  
Approved by  
Reviewed by  
SCALE  
Townships OF  
PROSSER and WARK  
Drawing No. 4



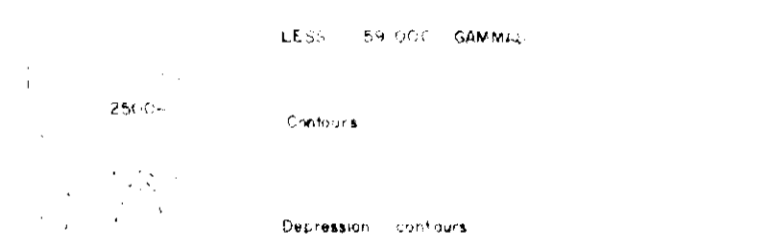




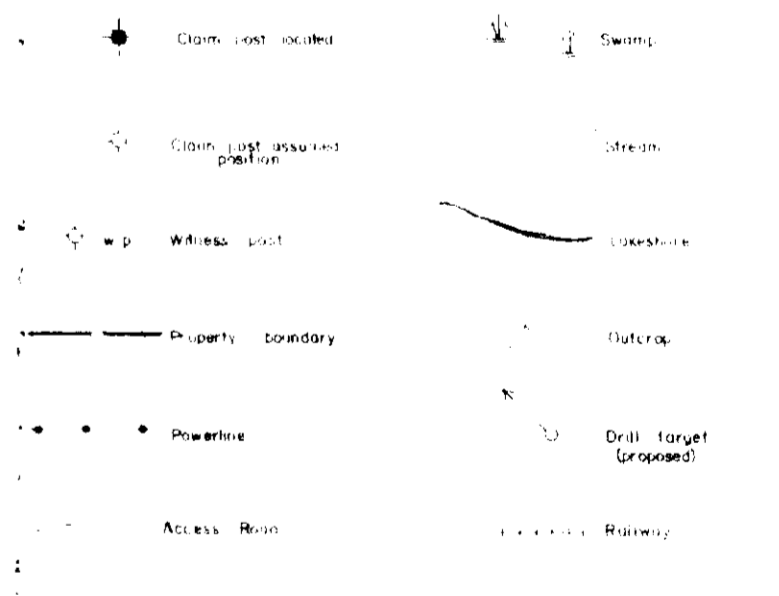
VLF SURVEY



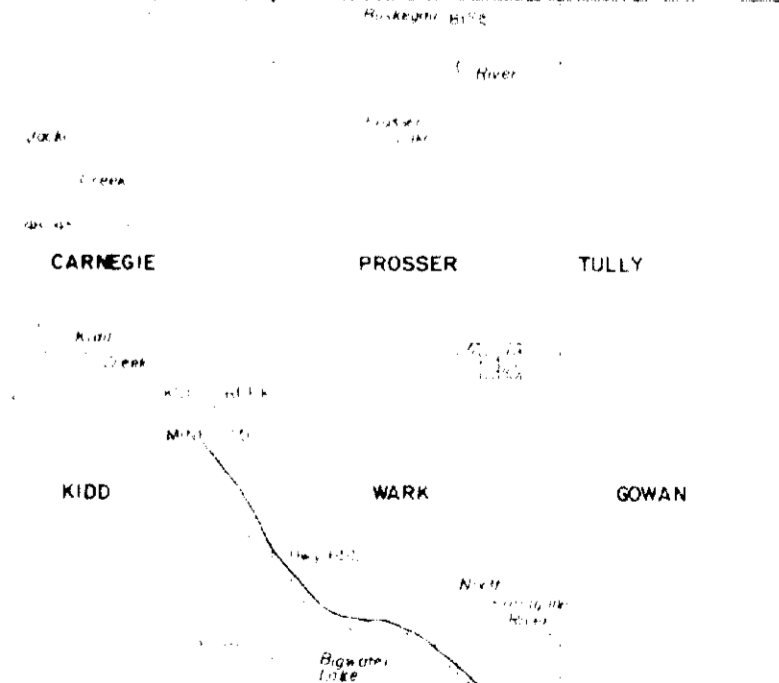
MAGNETIC SURVEY



TOPOGRAPHY



INDEX MAP



**MID - CANADA**  
EXPLORATION SERVICES LIMITED  
**GOLDEN** for **RANGE**  
RESOURCES INC

VLF SURVEY

Operator:	Project:
Interpreted by:	TOWNSHIPS OF
Drawn by:	PROSSER and WARK
Approved by:	
Revised by:	
SCALE:	Drawing No.:

