



42A11NE0185 2.8213 PROSSER

010

Overburden Sampling

Carried Out

on the

GOLDEN RANGE RESOURCES LTD.
Prosser and Wark Township Property

RECEIVED

JUN 17 1985

MINING LANDS SECTION

by

R. Bruce Durham

Robert S. Middleton Exploration Services Inc.
P.O. Box 1637 Timmins, Ontario P4N 7W8
June 10, 1985



42A11NE0185 2.8213 PROSSER

010C

TABLE OF CONTENTS

	Page
INTRODUCTION.	1
LOCATION AND ACCESS	1
PROPERTY.	2
PREVIOUS WORK	2
PROGRAM	4
RESULTS, CONCLUSIONS AND RECOMMENDATIONS.	5
REFERENCES.	6
CERTIFICATION	

APPENDIX

Bell White Lab Assays

LIST OF FIGURES

- Figure 1 General Location Map 1" = 160 mi.
- Figure 2 Claim Map 1" = 1/2 mi.
- Figure 3 Drill Hole Location Map 1:50
showing overburden depths

INTRODUCTION

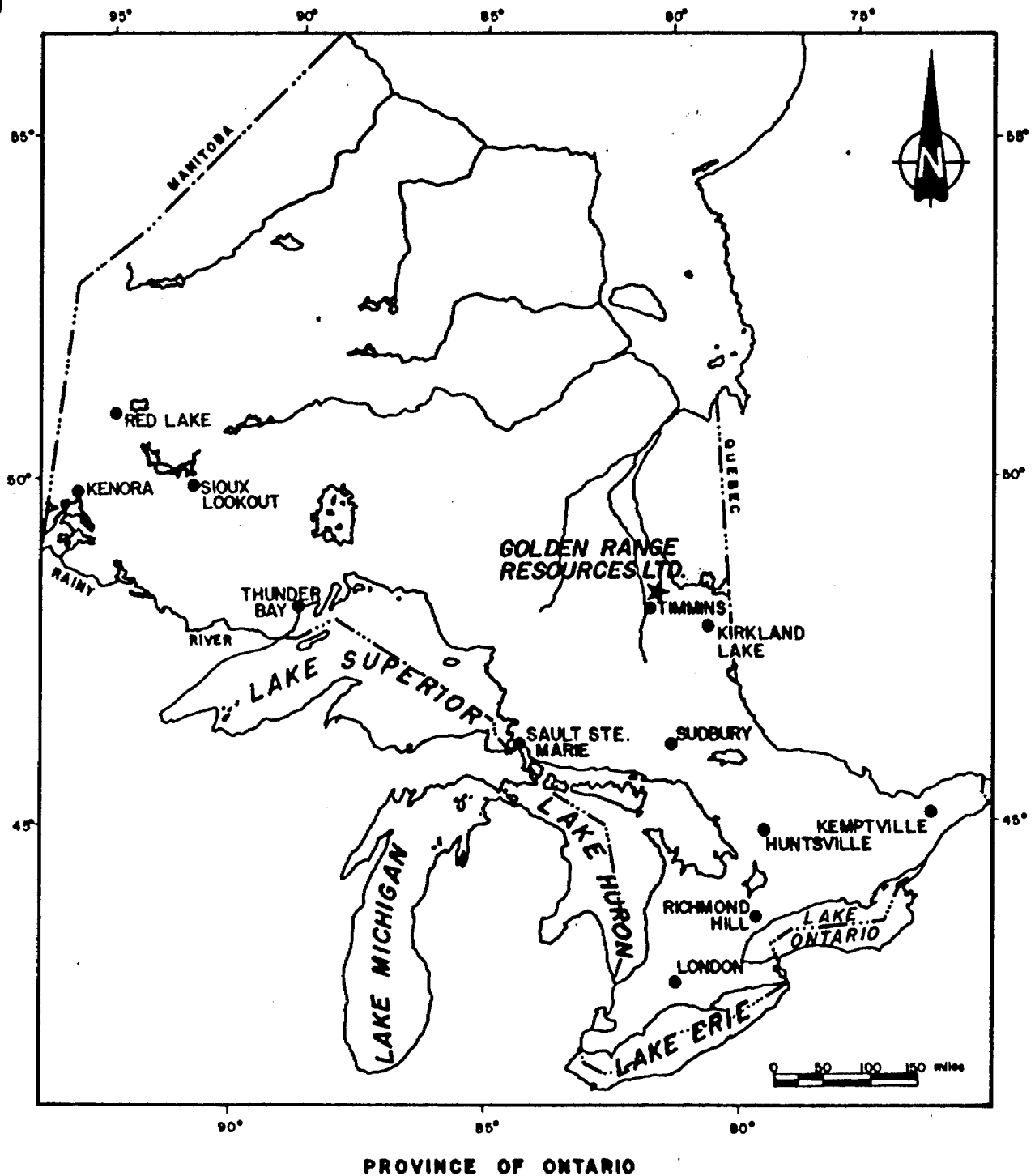
A 7 hole program of wacker - soil (till) sampling was carried out as a cost effective method to test for anomalous concentrations of gold and/or base metal mineralization in the basal till section in the S1/2 of Lot 5 Concession I of the Prosser Township where less than average overburden cover was known to occur. This half lot is part of a 23 claim group held in Prosser and Wark Township by Golden Range Resources Ltd. which covers the westerly strike extension of the Ni Offsets gold zone in Tully Township approximately 3 miles to the east-northeast.

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.

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 accross the flat swampy terrain. For the remainder of the year, the claims are best accessed by



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

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:

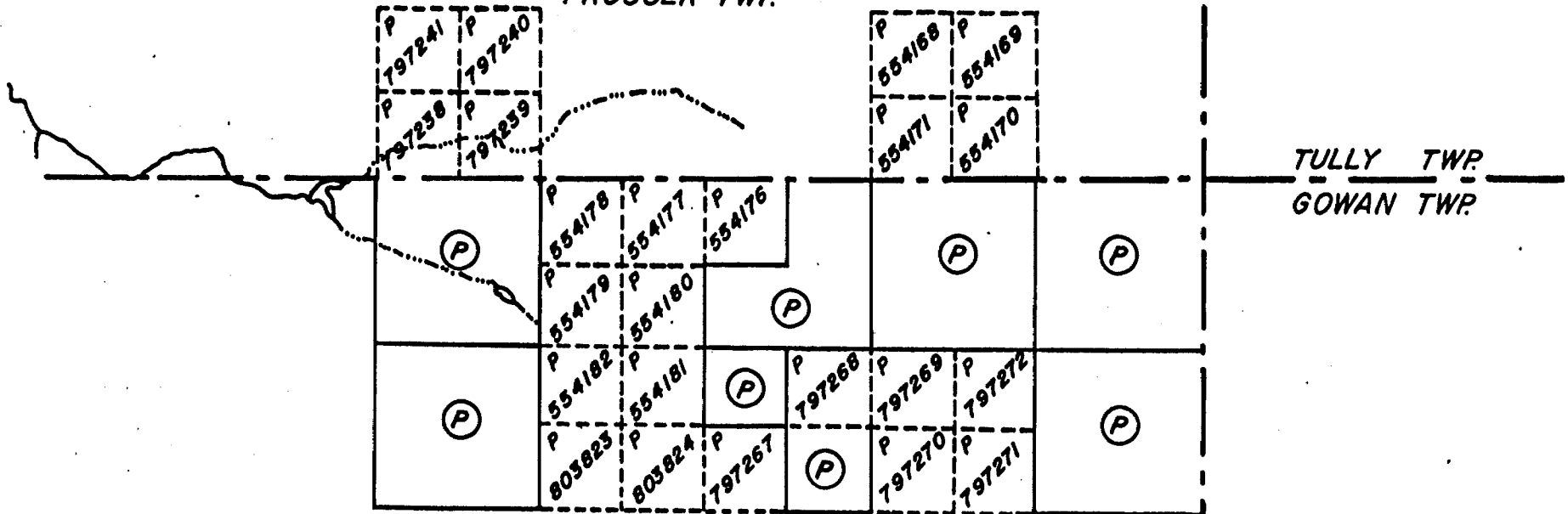
Group 1: P-797 238	Group 2: P-554 176
797 239	554 177
797 240	554 178
797 241	554 179
	554 180
	554 181
	554 182
	803 823
	803 824
	797 297
Group 3: P-554 168	Group 4: P-797 268
554 169	797 269
554 170	797 270
554 171	797 271
	797 272

Groups 1, 2 and 4 are contiguous.

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

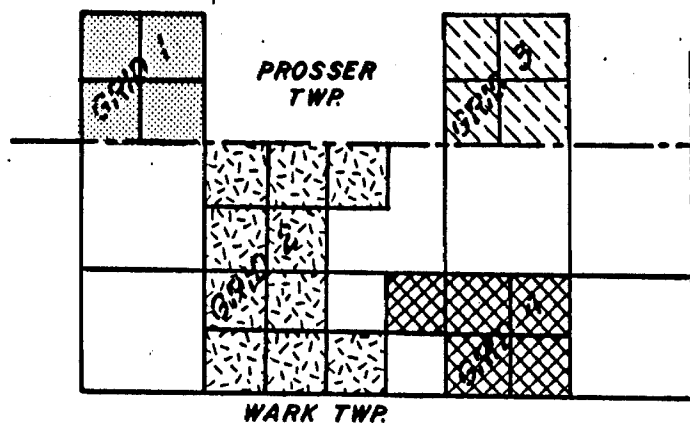
PROSSER TWP.



TULLY TWP.
GOWAN TWP.

WARK TWP.

TULLY TWP.
GOWAN TWP.



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

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.

Detailed magnetometer and VLF surveying was carried out by personnel of Mid Canada Exploration Services Ltd. early 1985 and was covered in a report by the author dated April 29, 1985.

PROGRAM

Seven drill holes varying from 33 to 81.8 feet in depth were put down to the bedrock surface using a wacker soil sampling system. The drill rods (35mm size) penetrate the overburden by a combination vibration and rotation process. A gas powered

plugger is used to power the drill stem. Once the bedrock surface is reached a 28" sample of overburden and rock chips is taken via a flow through sampler.

The samples were examined, and sent for geochemical analysis at Bell White Analytical Labs. Each sample was analysed for Au (ppb), Cu, Pb, and Zn (ppm).

Helicopter access was required because of early breakup conditions.


RESULTS, CONCLUSIONS AND RECOMMENDATIONS

No anomalous values in gold or base metals were obtained. Since till appears to have been encountered in each hole, it appears that any deposits of base metals or gold, if present, were not expressed in the glacial till which was intersected.

No further work appears warranted on this part of the property at this time.

However, it is recommended that the ultramafic - sediment contact be drill tested in Lot 2 S1/2 of Concession III of Wark Township at some future date, preferably when other drilling is being done in the area to keep mobilization costs to a minimum.

Respectfully Submitted,



R. Bruce Durham,
Consulting Geologist

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 Electromagnetic 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.
- Durham, R.B.
1985 Report on Detailed, Magnetometer and VLF-EM Surveys carried out on the Golden Range Resources Ltd., Prosser and Wark Township 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 June 10, 1985, at Timmins, Ontario.

A handwritten signature in cursive script, appearing to read "R. Bruce Durham".

R. Bruce Durham, B.Sc.

A P P E N D I X



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B265-85

DATE: May 9, 1985

SAMPLE(S) OF: Sludge (7)

RECEIVED: May, 1985

SAMPLE(S) FROM: Mr. Bruce Durham
R. S. Middleton Exploration Services Inc.

Project #M-102

<u>Sample No.</u>	<u>Au ppb</u>	<u>Cu ppm</u>	<u>Zn ppm</u>	<u>Pb ppm</u>
C67517 <i>Halc 1</i>	6	22	60	22
8 2	6	18	48	20
9 3	3	16	38	18
C67520 4	10	18	36	20
1 5	6	10	24	14
2 6	6	18	40	22
3 7	3	62	56	20

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER. 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

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2	6	18	40	22
3	3	62	56	20

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 

W85 08 00158 #158/85 2.8



42A11NE0185 2.6213 PROSSER

Mining Act

900

Type of Survey(s): **Overburden Drilling and Sampling** Township or Area: **Prosser/Wark Twps.**
 Claim Holder(s): **Golden Range Resources Inc./ M. Deschene** Prospector's Licence No.: **T-1324 / M20324**
 Address: **189 Preston St. S., Timmins, Ontario**
 Survey Company: **Northland Exploration** Date of Survey (from & to): **25.03.85 to 04.04.85** Total Miles of line Cut: **1.304**
 Name and Address of Author (of Geo-Technical report): **R. Bruce Durham**

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	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

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

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	Geological	
	Geochemical	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
	797 238	1			
	797 239	11.5			
	797 240	1			
	797 241	1			
	554 176	18			
	554 177	40			
	554 178	40			
	554 179	40			
	554 180	40			
	554 181	40			
	554 182	40			

RECEIVED
MAY 21 1985
MINING LANDS SECTION

POURPINE MINING DIV.
RECEIVED
7 8 9 10 11 12 1 2 3 4 5 6

RECORDED
APR 19 1985
Receipt No. *ef*

Expenditures (excludes power stripping)

Type of Work Performed: **Sup 77-19 Wacker (overburden) bedrock sampling**
 Performed on Claim(s): **P554 169, 554 170, 554 171, 554 172**

Calculation of Expenditure Days Credits

Total Expenditures	÷	Total Days Credits	=	
\$4,087.50	÷	15	=	272.5

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.

Total number of mining claims covered by this report of work: **11**

Date: **April 16/85** Recorded Holder or Agent (Signature): *[Signature]*

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Record
272.5	April 19/85	<i>[Signature]</i>
	Date Approved as Recorded	Branch Director

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 St. S. - Timmins, Ontario
 Date Certified: **APRIL 16/85** Certified by (Signature): *[Signature]*

1985 08 29

Your File: 158/85
Our File: 2.8213

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

Dear Sir:

RE: Notice of Intent dated July 19, 1985
Assaying submitted on Mining Claims
P 797239, et al, in Prosser & Mark
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. Kinvig:mc

cc: Golden Range Resources Inc
189 Preston Street South
Timmins, Ontario
P4N 3N4
Attention: O. Hicks

cc: Resident Geologist
Timmins, Ontario

Encl.

cc: Michael Deschene
729 Eyre Blvd
Timmins, Ontario
P4N 4Z3



Ministry of
Natural
Resources

Aug 6/85

1985 07 19

Your File: 158/85
Our File: 2.8213

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

R.P.K. D. Kinvig:mc

Encls.

cc: Golden Range Resources Inc.
189 Preston Street South
Timmins, Ontario
P4N 3N4
Attention: O. Hicks

cc: Michael Deschene
729 Eyre Blvd
Timmins, Ontario
P4N 4Z3

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



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1985 07 19

2.8213/158/85

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.



Mining Lands Comments

In this overburden drilling program they have taken only one sample per hole, at the very bottom of each hole. Do you feel logs are necessary?

Dennis Kinwig

To: Geophysics

Comments

RECEIVED
JUN 21 1985
MINING LANDS SECTION

Approved Wish to see again with corrections

Date _____ Signature _____

To: Geology - Expenditures

Clarence Kustra

Comments

Dennis: ok on the drilling; for this type logs are usually not taken. But the allowance for line cutting should be questioned. They are for 21 miles credit. Has line cutting been allowed under the survey? otherwise ok

Approved Wish to see again with corrections

Date June 20/85 Signature C Kustra

To: Geochemistry

Comments

Approved Wish to see again with corrections

Date _____ Signature _____

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

REGISTERED

June 10, 1985

Report of Work #158

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

Attention: O. Hicks

Dear Sir:

RE: Mining Claims P 797238, et al,
in Prosser & Wark Townships

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

As the assessment "Report of Work" was recorded by
the Mining Recorder on April 19, 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 18, 1985.

If the material is not submitted to this office by June 18, 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

GOLDEN RANGE RESOURCES INC.

Telephone (705) 267-7971

189 Preston St. Timmins, Ontario P4N 3N4

TSE - GORT

June 14, 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
Wacker (overburden) bedrock sampling

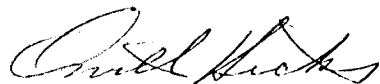
Dear Sir:

Enclosed are duplicate copies of a report re the above concerning claims located in Prosser and Wark townships.

Also enclosed are copies of paid invoices.

Yours truly,

GOLDEN RANGE RESOURCES INC.



Orville E. Hicks
Director

/ch

Enclosures

RECEIVED

JUN 17 1985

MINING LANDS SECTION

NORTHLAND EXPLORATION LTD.

P.O. BOX 1368 TIMMINS, ONTARIO P4N 7N2

TELEPHONE (705) 264-9889

April 10, 1985

Mr. Bruce Durham
Robert S. Middleton Exploration Services Inc.
136 Cedar St. S.
Timmins Ontario

Re: Overburden Drilling In Prosser Twp.
From: March 25 to March 30, 1985 Incl.

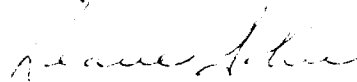
3 men crew

4 days @ \$800.00 per day

= \$3200.00

Total = \$3200.00

Yours Truly,



*Paid by
Mid-Canada Exploration
June 11/85
Cheque # 5114
\$3200.00
G.H.*

MID-CANADA EXPLORATION SERVICES LIMITED

(705) 264-7043

189 Preston St., TIMMINS, ONTARIO P4N 3N4

June 14, 1985

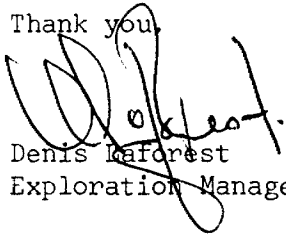
Golden Range Resources Inc.
189 Preston Street
Timmins, Ontario
P4N 3N4

Re: Prosser - Wark
Blazing line & Chaining
Invoice #237

S T A T E M E N T

A. Beaudoin	2 days @ \$250.00	\$ 500.00
Vital Larche	1 day @ \$250.00	250.00
Mileage	261 mi. @ .45	<u>117.45</u>
TOTAL AMOUNT OWING		<u>\$ 867.45</u>

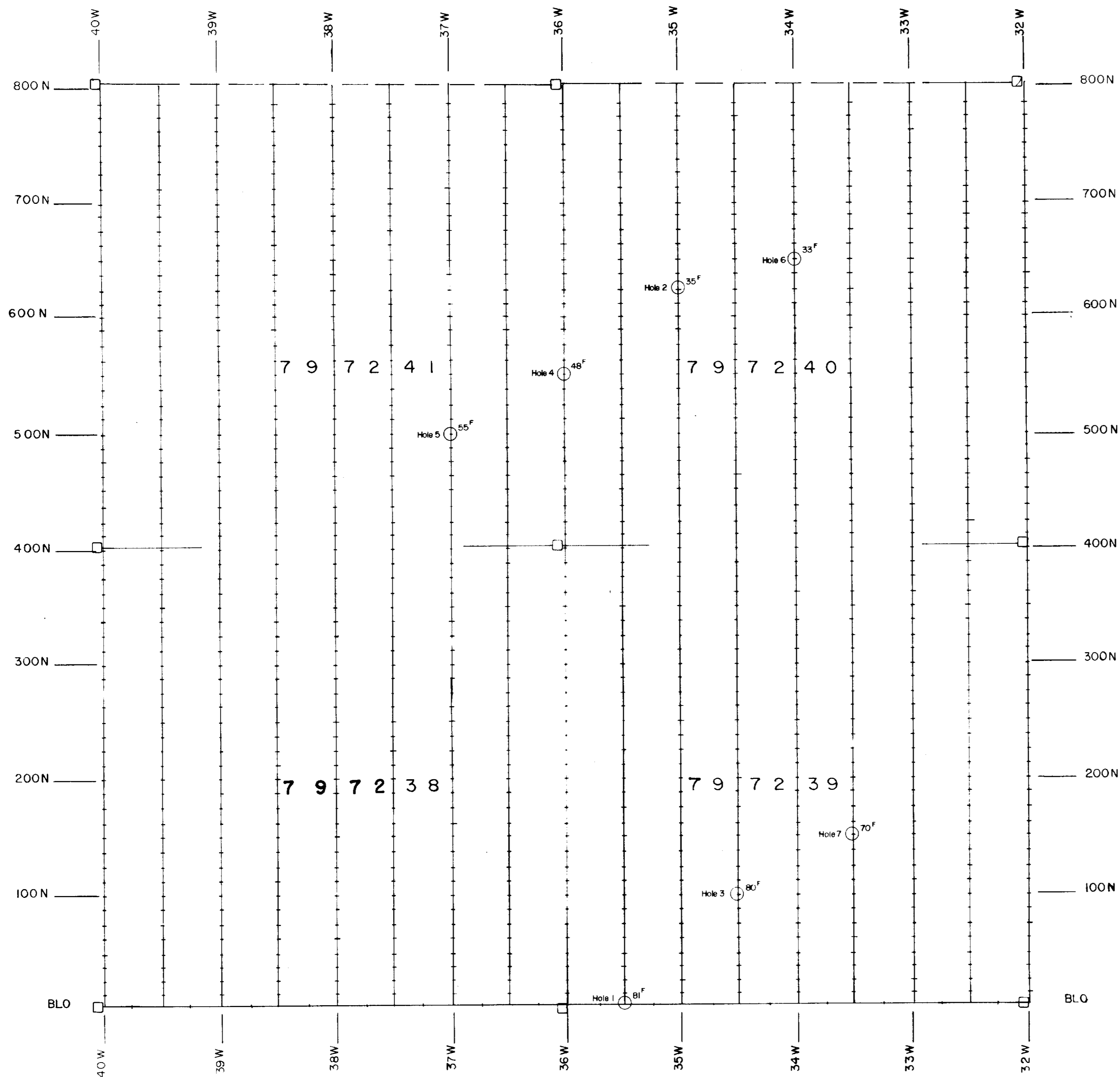
Thank you,


Denis Laforest
Exploration Manager

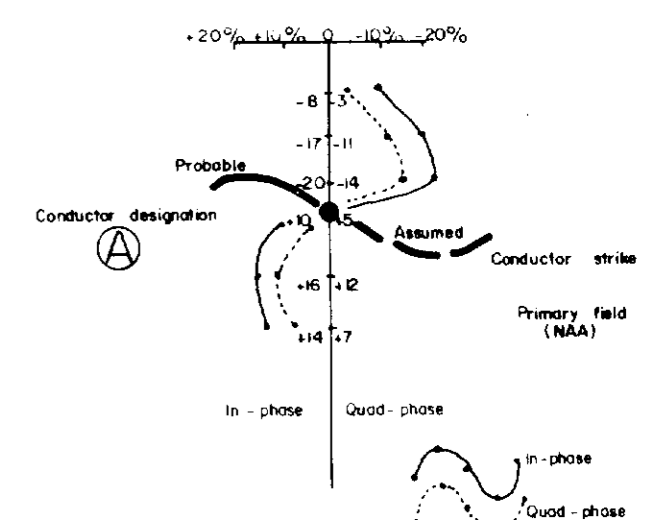
/ch

Handwritten note:
Paid June 10/85
#192
\$867.45
[Signature]

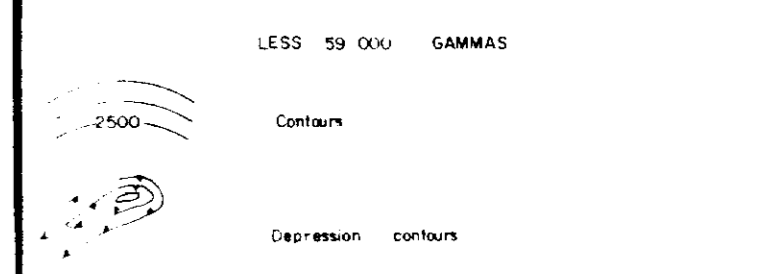
NOTE: THIS ACCOUNT IS DUE WHEN RENDERED. INTEREST WILL BE CHARGED ON THE OUTSTANDING BALANCE OF ALL OVERDUE ACCOUNTS AT THE RATE OF 2% PER MONTH IF NOT PAID WITHIN 30 DAYS AFTER BILLING DATE.



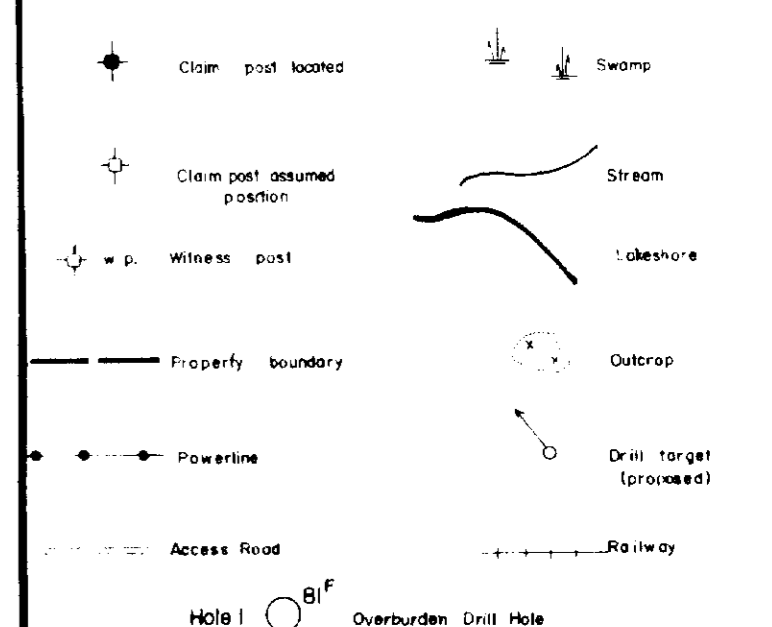
VLF SURVEY



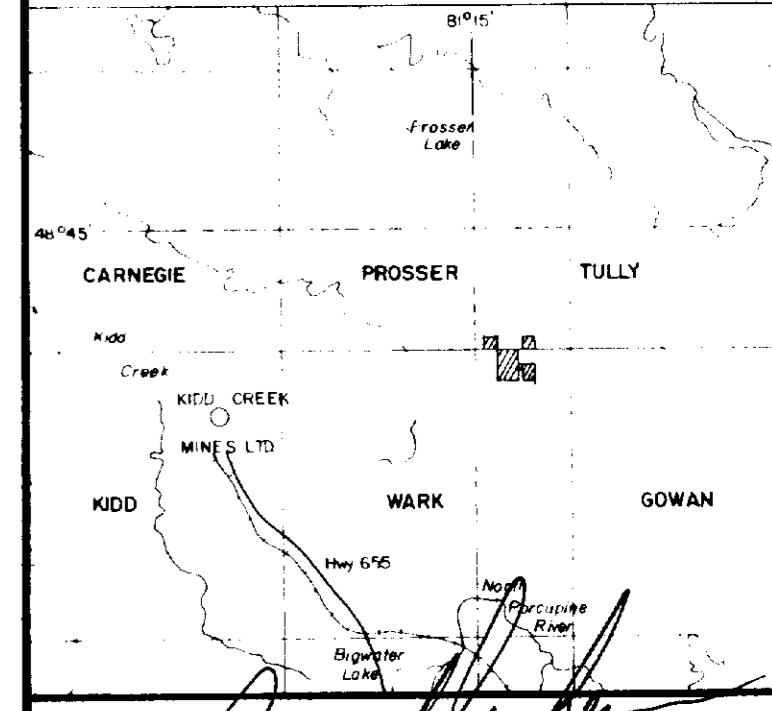
MAGNETIC SURVEY



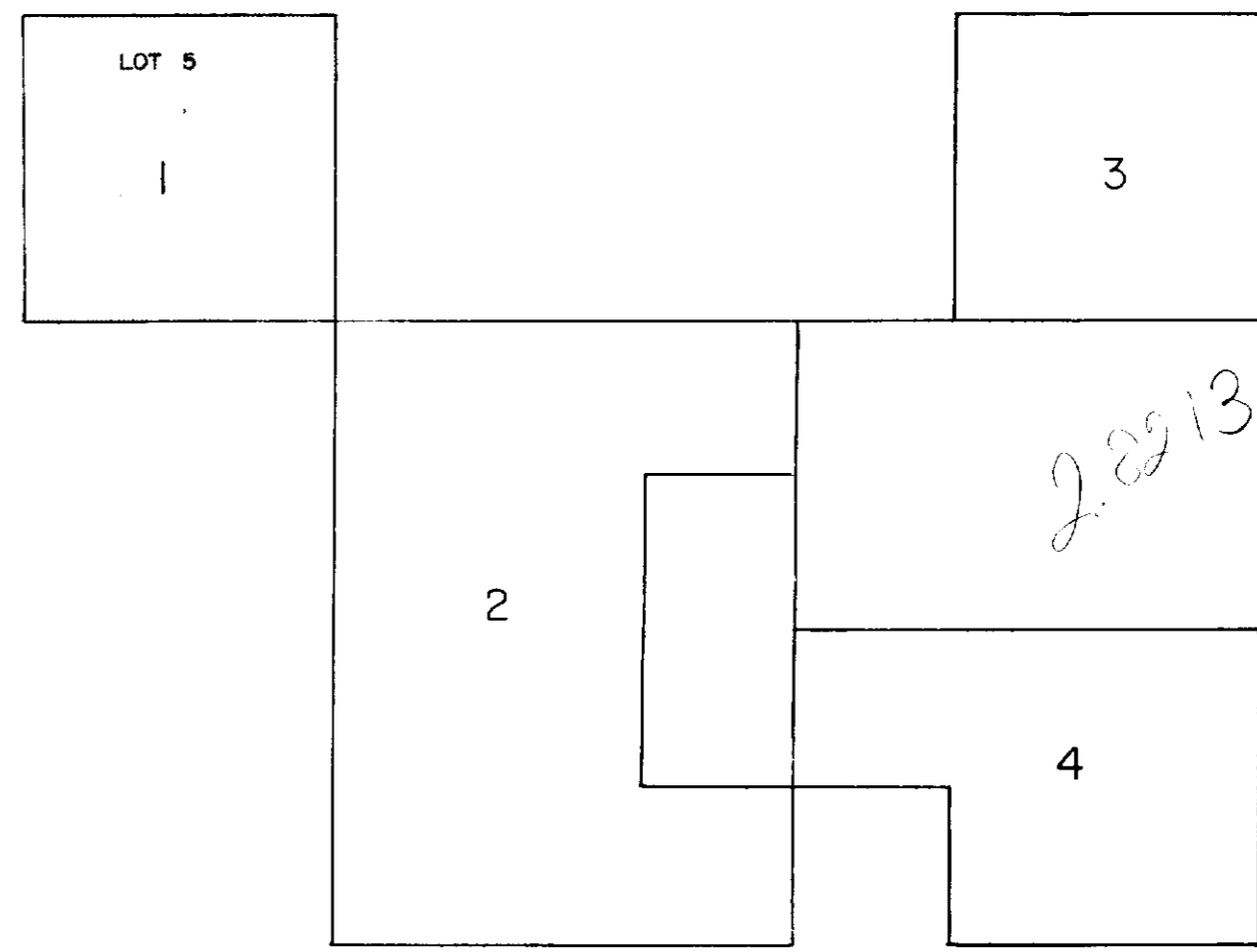
TOPOGRAPHY



INDEX MAP



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



Operator	Project
Interpreted by	TOWNSHIPS of
Drawn by	PROSSER and WARK
Approved by	
Revised by	
SCALE 1:50 meters	Drawing No.

