

42A05SE0151 2.4467 DENTON

Report on VLF and Magnetometer Surveys
Denton Township
Porcupine Mining Division

on behalf of
In-Mark Corporation Limited
by

Donald O. Baker
David B. Rogers

# RECEIVED

JAN - 6 1982 MINING LANDS SECTION CONTEN



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### Exhibits

- 1. Profile of VLF Survey
- 2. Profile of Magnetometer Survey

#### Summary

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A gride over the entire claim group was prepared over which the surveys were coducted. B&C A VLF and Magnetometer survey was completed over the grid and the results compiled and plotted.

D The initial recommendations are to do a minium of 500 feet of diamond drilling

#### INTRODUCTION

2.

The survey area is located in the Cripple Creek area of Denton Township, west of Timmins, Ontario and consist of the following claims: 580098, 580099, 580100, 583794.583795, 583793, 567632, 539620, 568473.

The claim group is easily reached by Highway 101 west from Timmins. The general geology of the area has been reported.

#### METHOD and INSTRUMENTATION

A Gride. A base line was constructed running east & west, with the survey lines running north and south. The lines were compassed, brushed-out and chained with a peg placed every 100 feet and marked. The stations for the readings were 100 feet and the interline spacing was 400 feet.

B VLF A EM 16 VLF was used with readings made every 100 feet unless a dramatic change was being indicated, at which point 25 or 50 foot readings were made between stations. See EXHIBIT 1.

C Magnetometer. A Barringer Proton Magnetometer was used with readings also made every 100 feet or closer where indicated. See EXHIBIT 2.

### Presentation of Results

As indicated, the compilation of the VLF and Magnetometer surveys are attached and Marked Exhibits 1 and 2. As can be seen from reviewing these profiles, the surveys are coincident and resulted in the detection of several zones of interest.

#### Conclusions and Recommendations

The VLF and Magnetmeter surveys resulted in delineating several zones of interest.

For the above reason, it is recommended that additional VLF and Magnetometer surveys be conducted in the anomalous ares, starting with the existing lines as a base and then completing a much smaller grid.

With the additional surveys, diamond drill holes will be collard and, initially, 500 feet of drilling should be completed, with relevant assys.

Respectfully submitted;

Donald O. Baker

David B. Rogers

quet or file on 2.3842







Ontario	4	+559	42A05SE015	1 2.4467 DENTON		900
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768 (8/77)

# 558

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A separate form is required for each type of work to be recorded.

#### THE MINING ACT REPORT OF WORK

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1983 10 06

2,4467

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

Dear Sir:

RE:

Geophysical (Electromagnetic & Magnetometer) Survey on Mining Claims P 580098 et al in the Township of Denton

The Geophysical (Electromagnetic & Magnetometer) Survey assessment work credits as listed with my Notice of Intent dated September 28, 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

1988 15 ()

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6610 Queen's Park Toronto, Ontario M7A 1W3 Phone: 416/965-1380

D. Kinvig:sc

cc: In-Mark Corporation Limited 289 Kirby Avenue Timmins, Ontario P4N 1K5

cc: Resident Geologist Timmins, Ontario



## **Technical Assessment Work Credits**

					File
					2.4467
Date	1983	09	07	Mining R Work No.	ecorder's Report of

10	

	•

Recorded Holder		
	IN-MARK CORPORATION LIMITED	
Township or Area	DENTON TOWNSHIP	

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic days	P 539620 567632
Magnetometer days	568473 583793-94
Radiometric days	
Induced polarization days	
Other days	•
Section 77 (19) See "Mining Claims Assessed" column	
Geological days	
Geochemical days	
Man days ☐ Airborne ☐	•
Special provision X Ground X	
Credits have been reduced because of partial coverage of claims.	
Credits have been reduced because of corrections to work dates and figures of applicant.	
Special credits under section 77 (16) for the following m	nining claims
15 DAYS ELECTROMAGNETI	C AND 30 DAYS MAGNETOMETER
P 580098 to 100 inclus	ive
lo credits have been allowed for the following mining cl	
• • • • • • • • • • • • • • • • • • • •	Insufficient technical data filed
P 583795	
	<b> </b>



Sept 28/83

Your file

1983 09 07

Our file:

2.4467

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

D. Kinvig:mc

Encls:

cc: In-Mark Corporation Limited 289 Kirby Avenue Timmins, Ontario P4N 1K5

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



Notice of Intent for Technical Reports

1983 09 07

2,4467

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.



P-539620 2.4467

Ministry of Natural Resources

Notification of recording

of assessment work credits

## RECEIVED

JAN - 6 1982 MINING LANDS SECTION

Lands Administration Branch Mining Lands Section Ministry of Natural Resources Room 1617, Whitney Block Queen's Park, Toronto M7A 1W3

Date of recording of work: _	December	29/81			
Recorded holder:	In - Mar 112 Adel	k Corporat aide Stree			
Address:	Toronto,	Untar10			
Township or Area:	_DENTON_T	OWNSHIP			
Type of surve Assessment da	ey and number ys credit per c			Mining claims	
Geophysical	V.L.F.	20days	P-580098	to 580100 incl.	:
Magnetometer		·	VP-583793	to 583795 incl.	
Radiometric		day:	DF-339620	)	
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in 60 days from the date of recording of this work.

Reports and maps are being forwarded to the Lands Administration Branch with this letter.

In - Mark Corporation Limited

## in mark corporation limited

June 27,1983

Ministry Of Natural Resources Whitney Block, Room 6450 Queens Park Toronto, Ontario M7A IK3

ATTENTION : E.F. Anderson

Dear Sir,

Please find enclosed Geophysical Survey on Claim # P 539620

Trusting that this is the information you require re: your letter of June 6/83, your file 2-4467

Yours Truly,

Jack Helpert

Send all further correspondence to " 289 Kirby Ave Timmins, Ontario P4N IK5 " Please change your records to read this new address. Thanks....

RECEI'ED

RECEIVED

Land Management Branch

JUL - 4 1983

CIRCULATE COMMENTS PLEASE

J. R. MORTON

J. C. SMITH

G. SHERMAN

J. M. SMALL

18 3 ..... TO R. 6450

JUL 4 1983

MINING LANDS SECTI

June 6, 1983

In-Mark Corporation Limited 112 Adelaide Street East Toronto, Ontario M5C 1K9

Dear Sirs:

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Re: Geophysical (Electromagnetic and Magnetometer)
Survey submitted on Mining Claims \$\overline{\rho}\$ 539620
et al in the Township of Denton

Enclosed are the plans in duplicate for the above mentioned survey. I regretfully inform you that I require additional information prior to assessing your geophysical survey. Please show all claim lines and numbers on the plans and return them to this office.

For further information, 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: 416/965-1380

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cc: Mining Recorder Timmins, Ontario



Geotechnical Report Approval

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To: Geophysics	Mr Barlow.		
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In-Mark Corporation Ltd. 112 Adelaide Street East Toronto, Ontario M5C 1K9

Dear Sir:

Re: Geophysical (Electromagnetic and Magnetometer) Survey submitted on Mining Claims P 580098 et al in the Township of Denton

Enclosed is a copy of our letter dated December 16, 1982 requesting additional information for the above mentioned survey.

Unless you can provide the required data by February 25, 1983, the mining recorder willibe directed to cancel the work credits recorded on December 29, 1981.

For further information, paease 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 Toponto, Ontario M7A 1W3

Phone: 416/965-1316

D. Wice

Enc1.

cc: Mining Recorder Porcupine

cc: Docald O. Baker Chapleau, Ontario 1982 12 16 ]2.4467

In-Mark Corporation Limited 112 Adelaide Street East Toronto, Ontario M5C 1K9

Dear Sir:

RE: Geophysical (Electromagnetic & Magnetometer) Survey submitted on mining claims P 580098 et al in the Township of Denton

Enclosed are the maps (in duplicate) for the above mentioned survey. In order to complete your submission, we require the following information:

- a) all maps must be signed
- b) V.L.F. maps must have the raw data plotted at each station
- c) Mag maps need the profile scale
- d) a key map showing the location of the property with respect to the township boundaries, established reference lines or points or easily identified topographic features should be inset in one corner of the map.

For further information, please contact Mr. F.W. Matthews at 965-1380.

Yours very truly,

E.F. Anderson Director Land Management Branch

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

A. Barr:sc

cc: Mining REcorder Timmins, Ontario

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Donald O. 15 aker P.O. Box 1270 Chapleau, Ont. Pom, Ko

RECEIVED

MAR - 2 1982

MINING LANDS SECTION

Debruary 26, 1982

Dear Sir,

We are resubmitting these maps due to their being incomplete because of an oversite on our part.

24467

Yourstruly, D. Korpela per Pon Baker Office of the Mining Recorder Ministry of Natural Resources 60 Wilson Avenue Timmins, Ontario P4N 257

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.580098 et al, in the Township of Denton.

This 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: 416/965-1380

J. Skura/bk

cc: In - Mark Corporation Limited Toronto, Ontario

cc: Donald O. Baker Chapleau, Ontario

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DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: I-INCH = 40 CHAINS

#### LEGEND

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	or (P)
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### NOTES

400' surface rights reservation along the shores of all lakes and rivers.

This township lies within the Municipality of CITY of TIMMINS.

Areas withdrawn from staking under Section
43 of the Mining Act, R.S.O. 1970 (Sec. 42, R.S.O. 1960).

Order No. File Date Disposition
171506 S.R.A.M.R.

W.35/77 126351 11/3/77 S.R.O.

DATE OF ISSUE

DEC - 2 1982

Ministry of Natural Resources

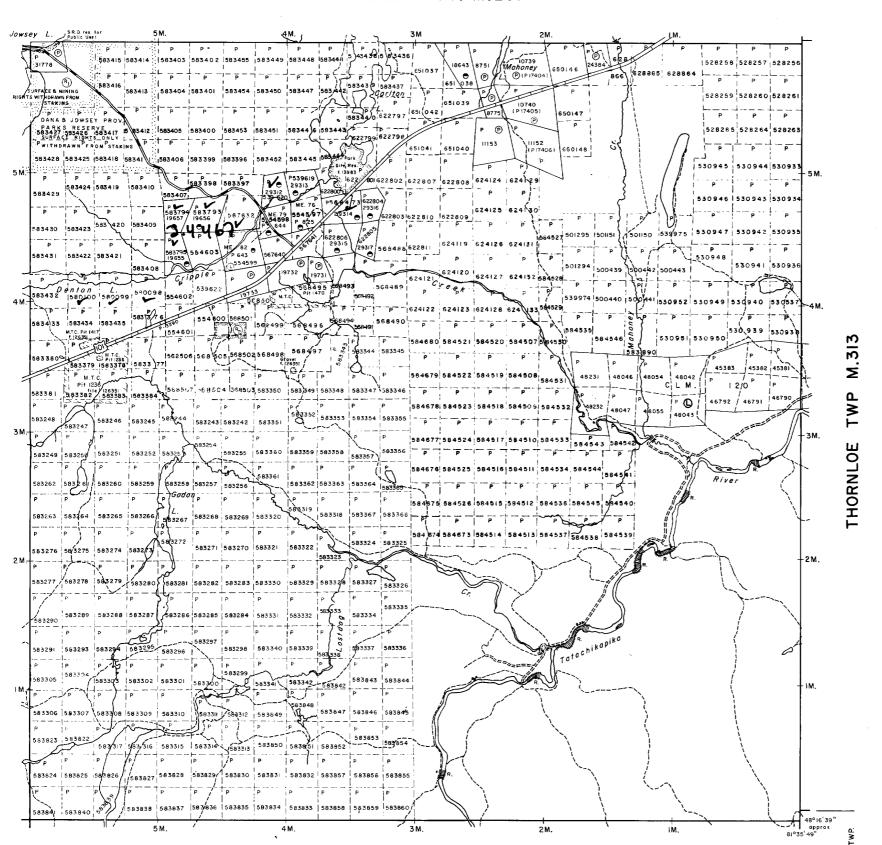
TORONTO

PLAN NO. M.273

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MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

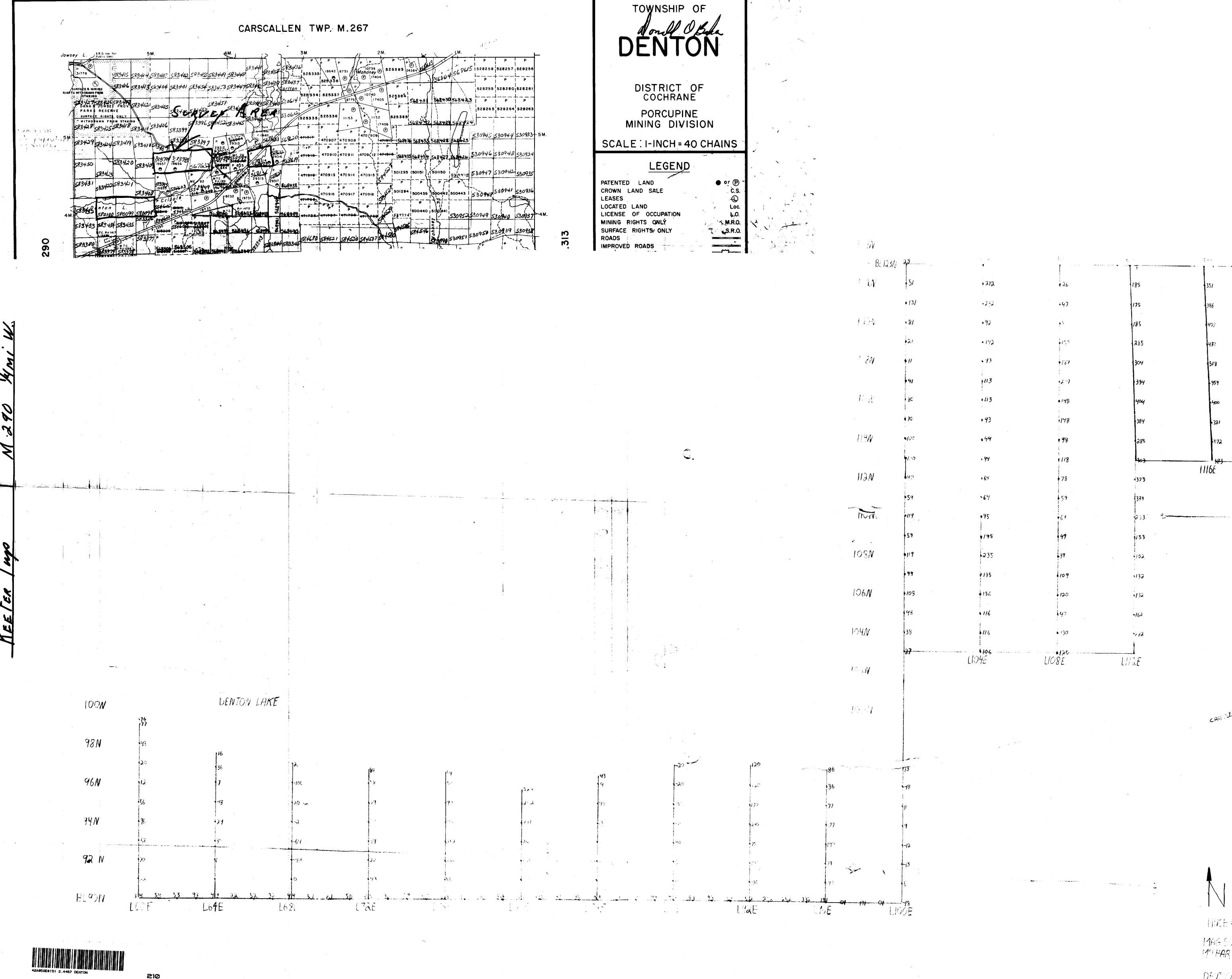


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