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PROJECTS
SECTION

COMINCO LTD.

Exploration

Eastern District

RADISSON PROJECT

SHERATON AND BOND TWPS., ONTARIO

December 1, 1971

E. O. Andersen

This report covers an airborne magnetic survey flown by Digheem Ltd., of Toronto, over an area of 2680 acres during May 1971 in Sheraton and Bond Townships. Fourteen claims, with an area of 560 acres, were subsequently staked for Cominco within the survey area during June 1971 and recorded on June 7, 1971.

The results of the survey show a magnetic high of about 800 gammas in the extreme northwest corner of the survey area. This anomaly is part of a longer trend and is probably caused by a diabase dike in the Precambrian bedrock. Two isolated anomalies in the southern part of the area of about 100 and 300 gammas are caused by unknown sources in the Precambrian, believed to be covered with about 100 feet of overburden in this area.

Submitted by:

E. O. Andersen,
Geophysicist, Exploration.



Endorsed by:

G. D. Takkanen,
Assistant Chief Geologist,
Exploration.

Certif



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GEOLOGICAL SURVEY OF CANADA
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 Airborne Magnetic
Township or Area Sheraton and Bond Twps.
Claim holder(s) Cominco Ltd.
Author of Report E. O. Andersen
Address c/o Cominco Ltd., Ste. 1100 - 335 Bay St., Toronto
Covering Dates of Survey April 1971 to December 1971
(linecutting to office)
Total Miles of Line cut _____

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	320537
P	320538
P	320539
P	320540
P	320541
P	320542
P	320543
P	320544
P	320545
P	320546
P	320547
P	320548
P	320549
P	320550

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

ENTER 40 days (includes
line cutting) for first
survey.

ENTER 20 days for each
additional survey using
same grid.

- Geophysical
 - Electromagnetic _____
 - Magnetometer _____
 - Radiometric _____
 - Other _____
- Geological _____
- Geochemical _____

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

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

Filed under Section 84a

DATE: 2 December 1971 SIGNATURE: Erik Andersen
Author of Report

PROJECTS SECTION

Res. Geol. Timmins Qualifications 2.259

Previous Surveys X

Checked by A.J. date Dec 15/71

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

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PROJECTS
SECTION

TOTAL CLAIMS 14

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations _____ Number of Readings _____

Station interval _____

Line spacing _____

Profile scale or Contour intervals _____

(specify for each type of survey)

MAGNETIC

Instrument _____

Accuracy - Scale constant _____

Diurnal correction method _____

Base station location _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____

(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION – RESISTIVITY

Instrument _____

Time domain _____ Frequency domain _____

Frequency _____ Range _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

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PROJECTS
SECTION



Exploration

Mr. F. W. Matthews
Projects Section
Department of Mines and Northern Affairs
Government of Ontario
Whitney Block
Queen's Park
Toronto, Ontario

December 1, 1971

Dear Sir:

Please consider this letter an application for an airborne geophysical certificate for 14 mining claims (P-320537 to P-320550 inclusive) under Section 84a of the Mining Act. The attached report covers a magnetic airborne survey flown over an area encompassing the claims, now held by Cominco Ltd., which were staked subsequent to the airborne survey and recorded on 7 June 1971.

I trust the attached report and map, in duplicate, meet with your approval.

Yours truly,

A handwritten signature in cursive script that reads 'E. O. Andersen'.

E. O. Andersen,
Geophysicist, Exploration.

EOA:hc.
Enc.

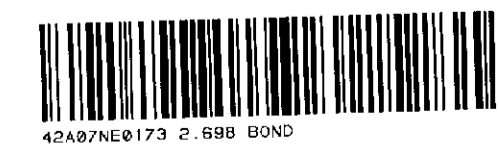
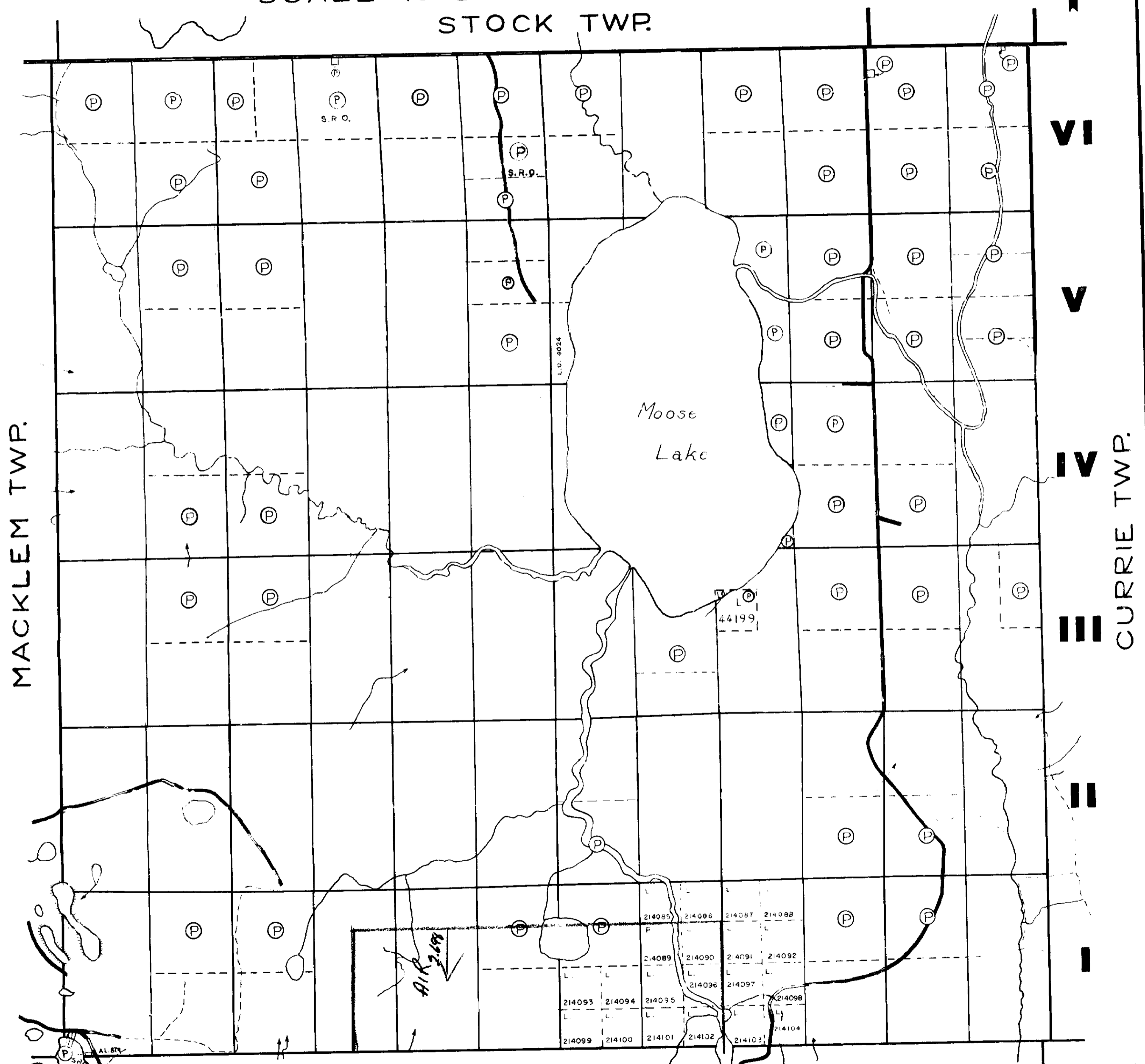
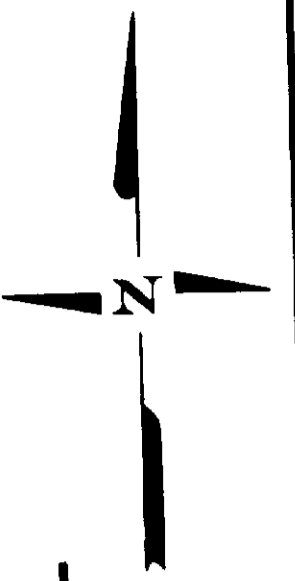
Claim Map
BOND TOWNSHIP

DATE OF ISSUE
 DEC 30 1973
 GOVT. DEPT. OF MINES
 AND TECHNICAL AFFAIRS

Claim map. PORCUPINE MINING DIVISION

DISTRICT OF COCHRANE M.331

SCALE 40 CHAINS TO ONE INCH
 STOCK TWP.



200
LEGEND

- IMPROVED ROADS ———
- TRAILS - - - - -
- KETTLE LAKE ☉
- 400' Surface rights reservation around all lakes & rivers.
- PATENTED LANDS (P)
- CROWN LAND SALES (S) or C.S.
- LOCATED LANDS L or
- LICENSE OF OCCUPATION... L.O.
- LEASES (L)

9 8 7 6 5 4 3 2 1
SHERATON TWP.

NOTE

Claim Map

SHERATON TOWNSHIP

Claim map.

PORCUPINE MINING DIVISION

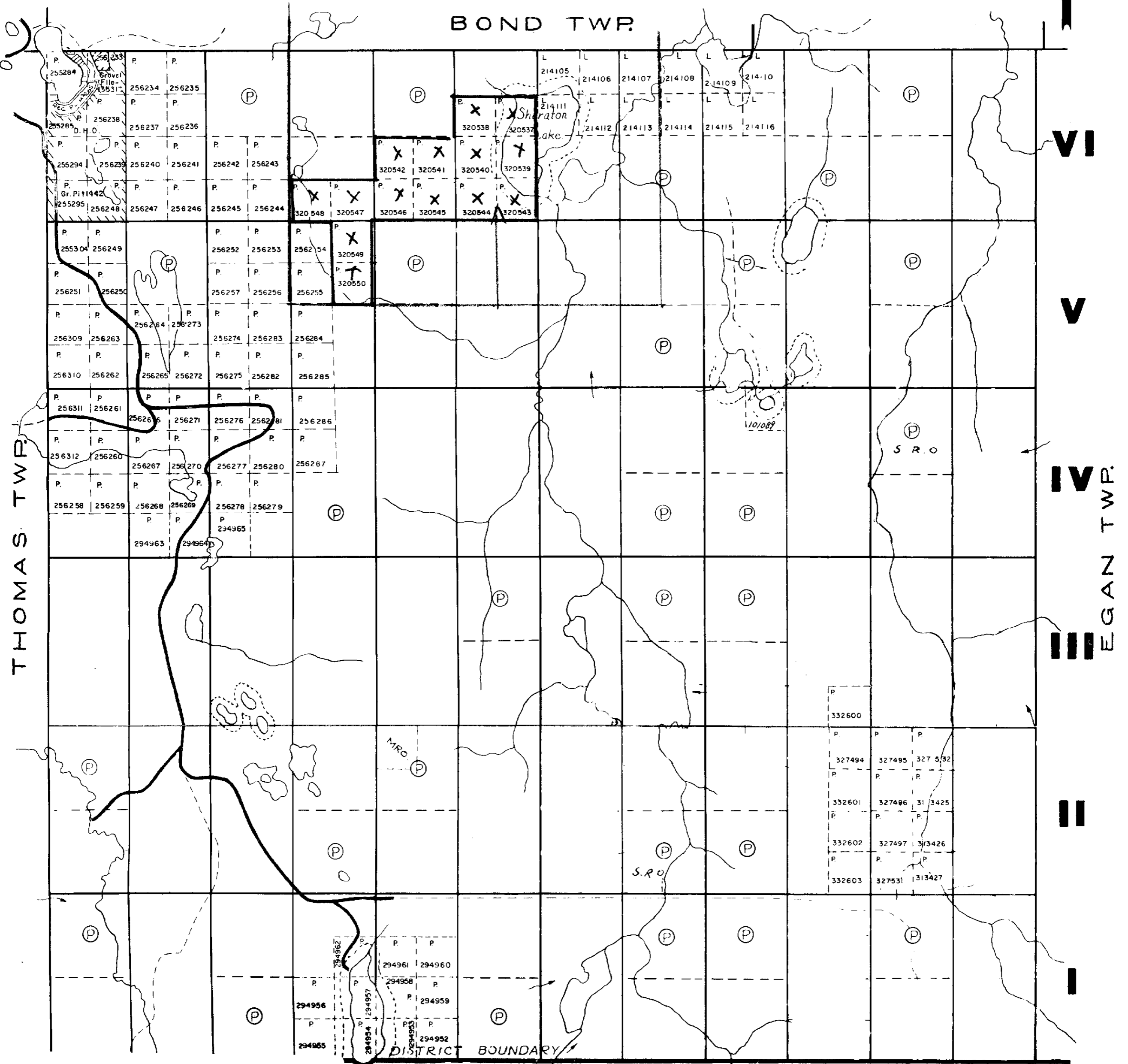
DISTRICT OF COCHRANE

M.386

DATE OF ISSUE
DEC 10 1971
GEO. DEPT. OF MINES
AND TECHNICAL AFFAIRS

SCALE 40 CHAINS TO ONE INCH

BOND TWP.



210

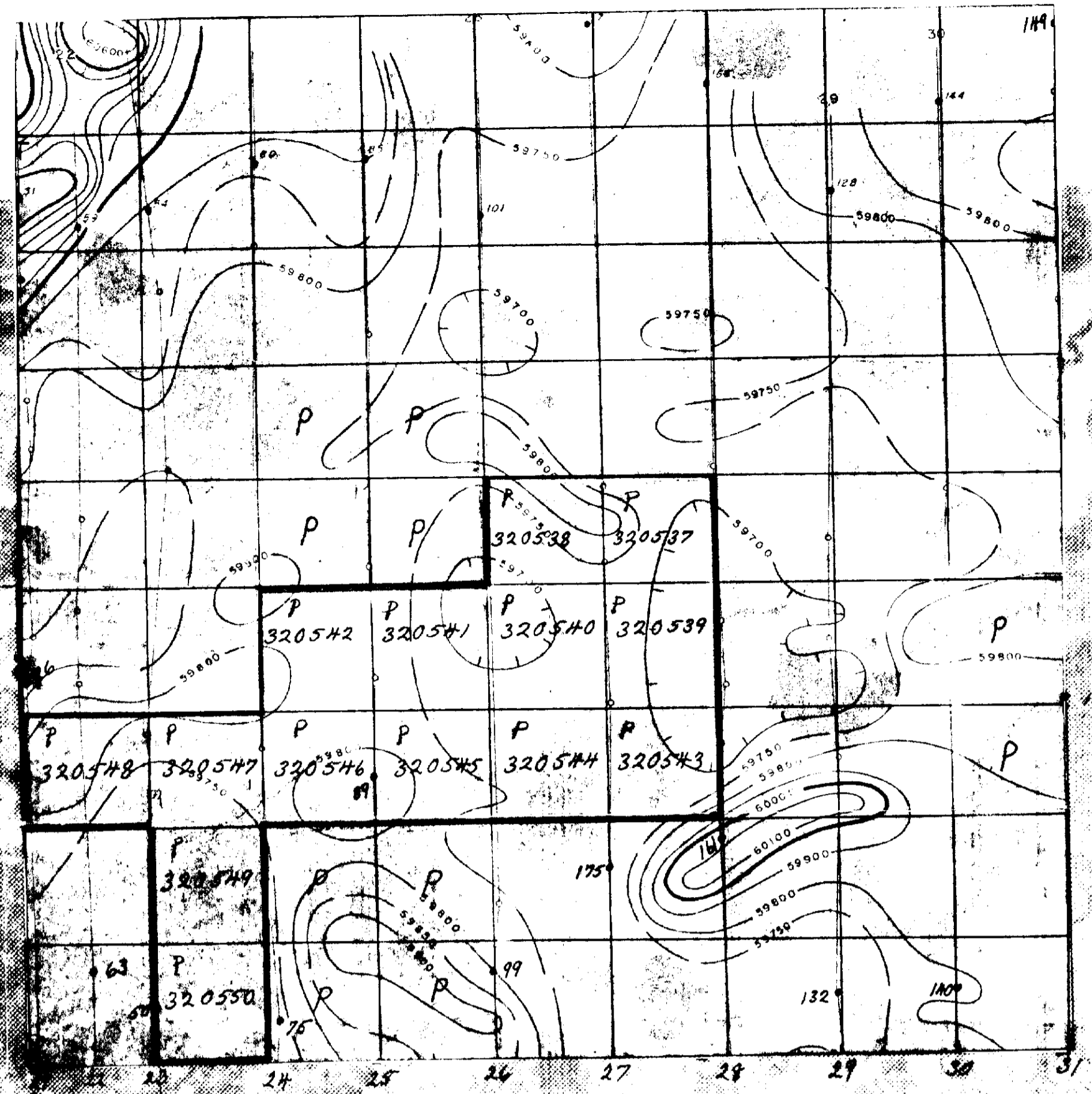
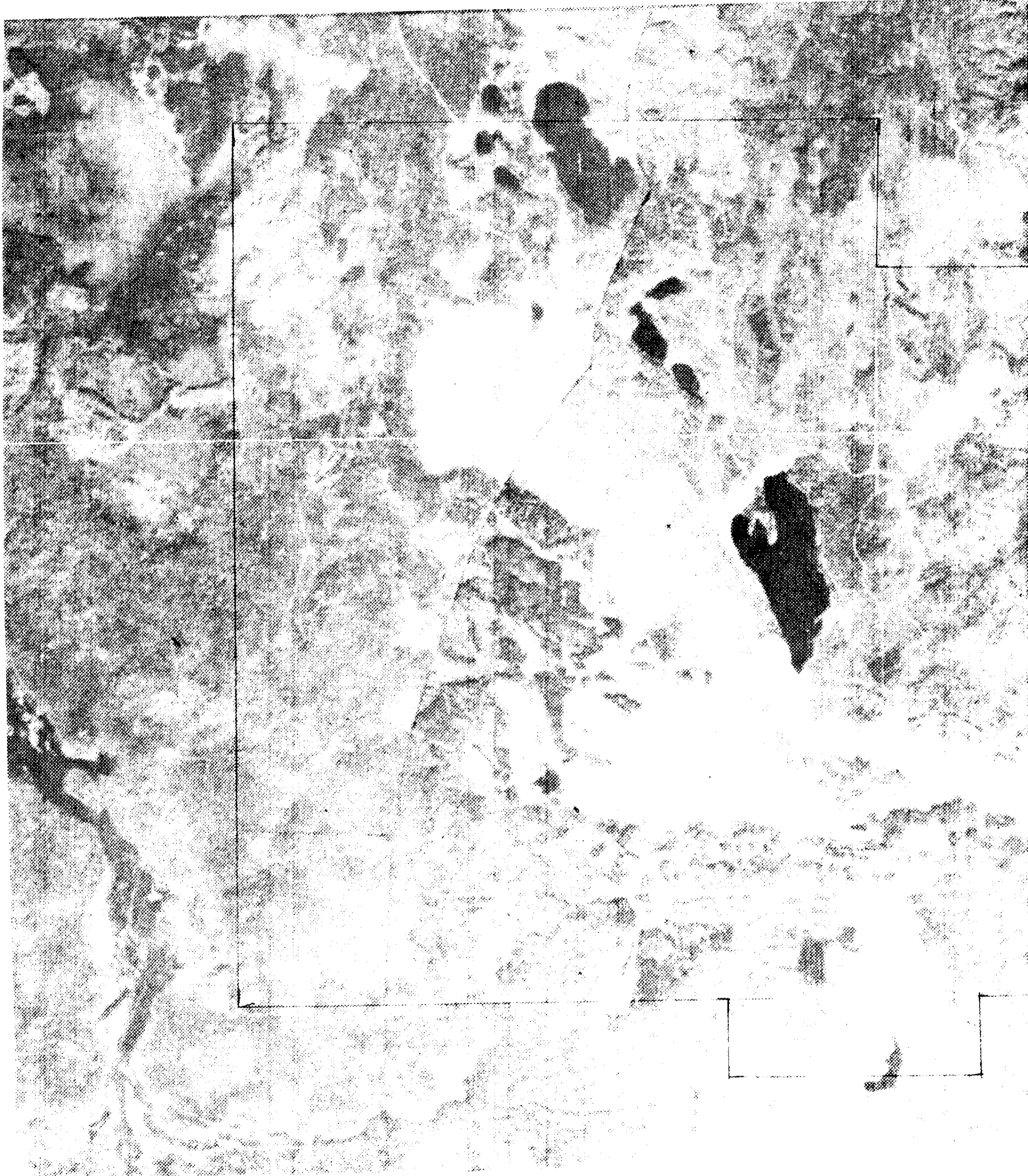
8 7 6 5 4 3 2 1
TIMMINS TWP.

400' Surface rights reservation around all lakes and rivers.

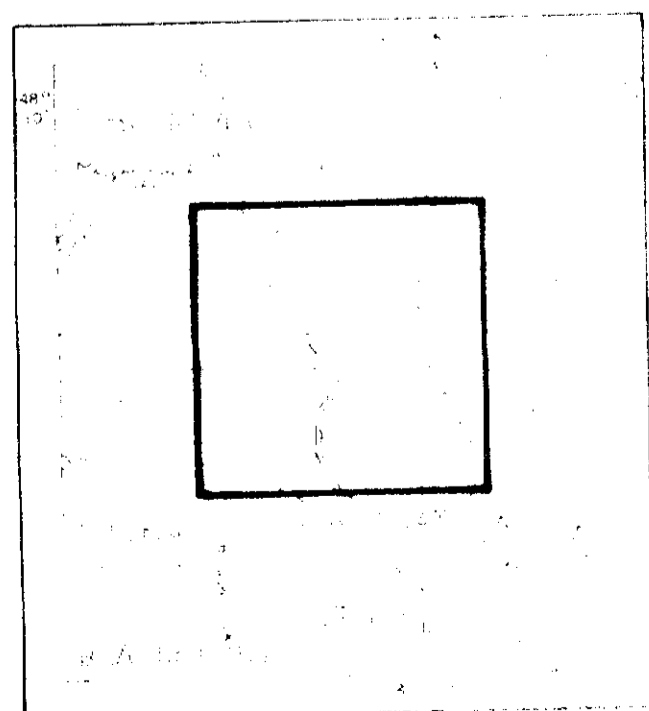
IMPROVED ROADS ... —
TRAILS

LEGEND
PATENTED LANDS (P)
CROWN LAND SALES (S)

Handwritten notes:
Sheraton Lake
1971



LOCATION MAP

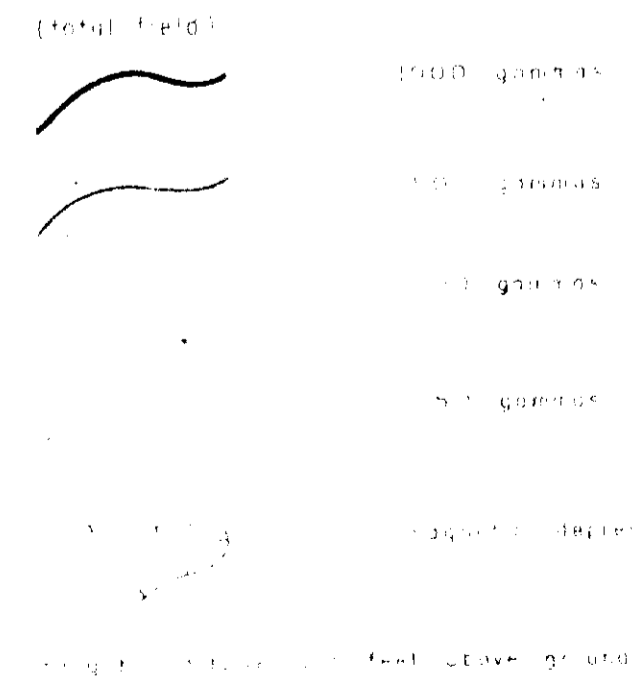


DIGHEM SURVEY MAGNETICS

COMINCO LIMITED
RADISSON PROJECT, ONTARIO

Eirik Anderson

ISOMAGNETIC LINES



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