



42A11SW0083 2.11172 JESSOP

010

*GEOMAGNETIC SURVEY*

*ON*

*SHERIDAN CLAIMS*

*JESSOP TOWNSHIP*

*PORCUPINE MINING DIVISION*

*ONTARIO*

*TIMMINS, ONTARIO*  
*MAY 2, 1988*

TABLE OF



42A115W0083 2.11172 JESSOP

010C

|                            | Page No. |
|----------------------------|----------|
| TITLE PAGE                 | 1        |
| TABLE OF CONTENTS          | 2        |
| SUMMARY                    | 3        |
| PROPERTY                   | 3        |
| LOCATION AND ACCESSIBILITY | 3        |
| GENERAL GEOLOGY            | 3        |
| GEOMAGNETIC SURVEY         | 4        |
| CONCLUSION                 | 4        |
| MAP ENCLOSED               |          |

Geomagnetic Survey 1 in. = 200ft

## SUMMARY

The contiguous 20 claim group was gridded with north-south picket lines at 300 foot spacings normal to the assumed strike of the underlying rocks.

A Geomagnetic Survey was carried out with readings taken at 100 foot station intervals.

Magnetic relief is low and relatively flat.

An electromagnetic Survey was started but had to be abandoned due to flooding and poor snow conditions caused by spring thaw.

## PROPERTY

The group consists of 20 contiguous claims numbered P915990, P917026 to P917036 and P923462 to P923469.

## LOCATION AND ACCESSIBILITY

The property is situated in the extreme north-east corner of Jessop Township, Porcupine Mining Division of Ontario.

Access is made to the north-east corner of the group 1 mile west from a point off Hwy 655 12.5 miles north of the Hwy 101 junction.

## GENERAL GEOLOGY

There are no rock outcrops on the property.

Map 2005 the Timmins-Kirkland Lake Geological Compilation Series - shows the claims area to be underlain by Early Precambrian Metavolcanics and Metasediments.

Mafic flows and pyroclastic rocks were intersected in a hole drilled some time ago in the north part of the group.

A thicker bed of felsic metavolcanics south of the above unit(s) is interpreted from airborne geophysical results.

A north west striking fault off the west part of the group transects the above rocks. Metasediments (also deduced from airborne geophysical results) lie west of this fault.

## GEOMAGNETIC SURVEY

The property was surveyed on 100 foot station intervals over the prepared line grid using the Scintrex Proton Precession Magnetometer Model MP-2 with digital readout and a reading accuracy of one gamma.

The magnetic relief over the claims is low and relatively flat. No distinct anomalies are present that are of interest. The survey does not offer any help in structural interpretation as to the attitude of the underlying rocks.

## CONCLUSIONS

Nothing of economic interest was derived from the survey.

Respectfully submitted,

*C. F. Desson*  
C. F. Desson 63.1558

DOCUMENT NO. 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

W 0006-140



900

Type of Survey(s) Geophysical

Claim Holder(s) Mr. J. P. Sheridan

Address 150 York Street Suite 1814 Toronto, Ont M5H 3S5

Survey Company Diepdaume Mines Ltd

Date of Survey (from & to) 24 03 88 to 11 4 88 Total Miles of line Cut 24.25

Name and Address of Author (of Geo-Technical report) Mr. C. F. Desson Box 1392 Timmins, Ont P4N 7N2

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

| Mining Claim |        | Expend. Days Cr. | Mining Claim |        | Expend. Days Cr. |
|--------------|--------|------------------|--------------|--------|------------------|
| Prefix       | Number |                  | Prefix       | Number |                  |
| P            | 915990 |                  |              |        |                  |
|              | 917026 |                  |              |        |                  |
|              | 917027 |                  |              |        |                  |
|              | 917028 |                  |              |        |                  |
|              | 917029 |                  |              |        |                  |
|              | 917030 |                  |              |        |                  |
|              | 917031 |                  |              |        |                  |
|              | 917032 |                  |              |        |                  |
|              | 917033 |                  |              |        |                  |
|              | 917034 |                  |              |        |                  |
|              | 917035 |                  |              |        |                  |
|              | 917036 |                  |              |        |                  |
|              | 923462 |                  |              |        |                  |
|              | 923463 |                  |              |        |                  |
|              | 923464 |                  |              |        |                  |
|              | 923465 |                  |              |        |                  |
|              | 923466 |                  |              |        |                  |
|              | 923467 |                  |              |        |                  |
|              | 923468 |                  |              |        |                  |
|              | 923469 |                  |              |        |                  |

RECEIVED JUN 16 1988 MINING LANDS SECTION

RECORDED APR 13 1988

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE

JUN 22 1988

Total number of mining claims covered by this report of work. 20

Expenditures (excludes power stripping)

Type of Expenditure REVERSE SIDE

Performed on Claim(s) APR 13 1988

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

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 200 Date Recorded APR 13 1988 Mining Recorder [Signature]

Date Approved as Recorded 20 June 88 Branching Recorder [Signature]

Date April 12/88 Recorded 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 Mr. C. F. Desson Box 1392 Timmins Ont P4N 7N2

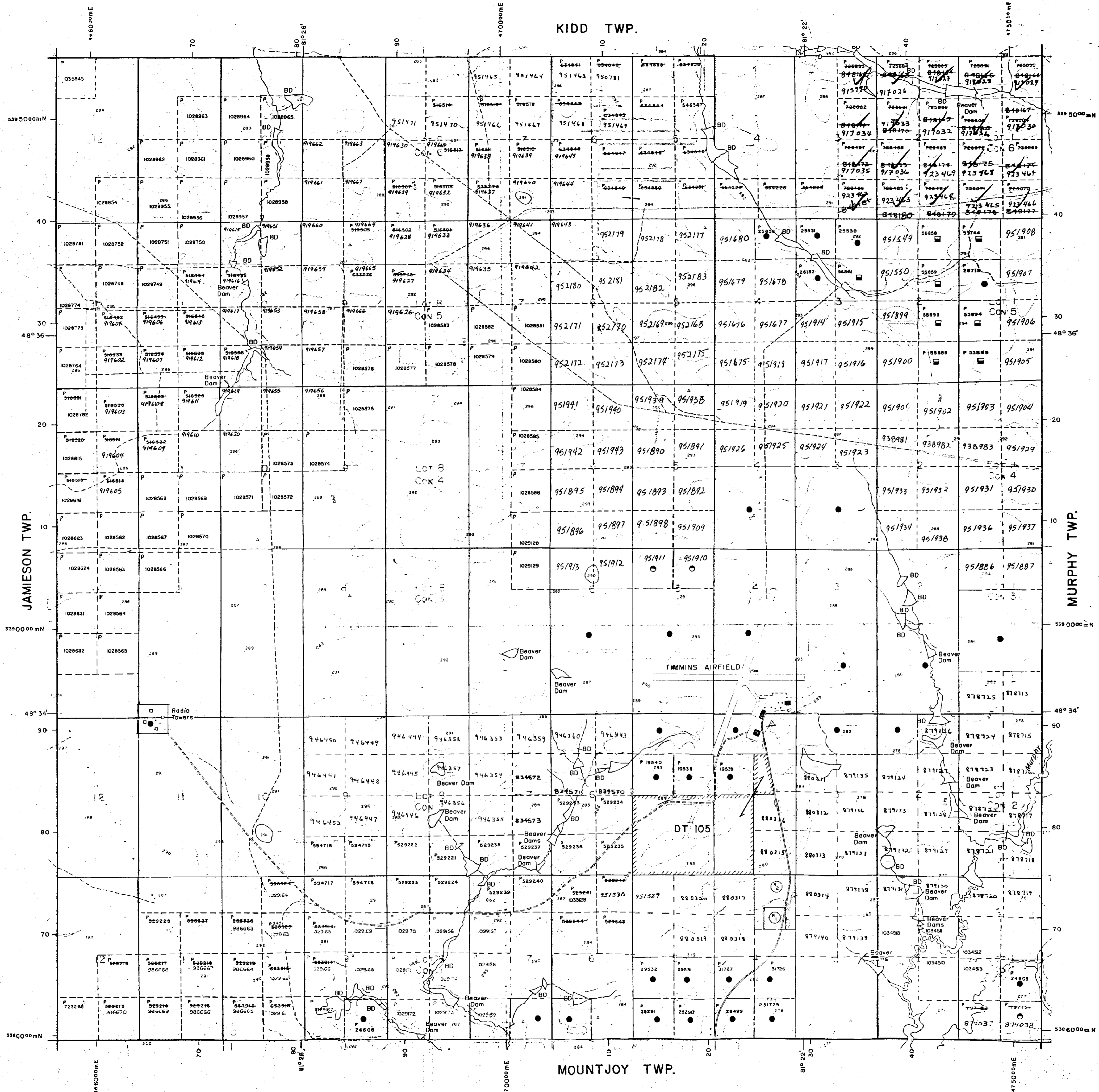
Date Certified April 12/88 Certified by (Signature) [Signature]

MAP SYMBOLOLOGY

|   |  |
|---|--|
| Aerial Cableway                               | Pipeline (above ground)  |
| Boundary                                      | Railroad   |
| International                                 | Single Track   |
| Interprovincial                               | Double Track   |
| District, Township                            | Abandoned  |
| Indian Reserve                                | Turbidite  |
| Approach                                      | Road   |
| Lot, Concession                               | Highway, County  |
| Approach                                      | Township   |
| Park Boundary                                 | Access (road of department or maintenance or significant driveway) |
| Bridge  | Trail, Road (single, double)                                       |
| Road, Railroad                                | Rapids   |
| Building                                      | Double line river with multiple rapids                             |
| Chimney                                       | Double line river with multiple rapids                             |
| Cliff, Pit, Pile                              | Reservoir  |
| Contours                                      | Approximate  |
| Approximate                                   | River, Stream, Canal   |
| Depression                                    | Approximate  |
| Control Points                                | Direction of Flow  |
| Horizontal                                    | Rock outcrop   |
| Vertical                                      | Pool   |
| Culvert                                       | Spot Elevation (base elevations) 300.0                             |
| Falls   | Tower  |
| Double line river                             | Transmission Line  |
| Fence, Hedge, Wall                            | Power  |
| Feature Outline (Construction Features, etc.) | Tunnel   |
| Flooded Land                                  | Utility Poles  |
| Lock  | Wharf, Dock, Pier  |
| Marsh or Swamp                                | Wooded Area  |
| Mast  |  |
| Mine Head Frame                               |  |
| Outcrop                                       |  |

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
  - S.R.O. - SURFACE RIGHTS ONLY
  - M.+S. - MINING AND SURFACE RIGHTS
- Description Order No. Date Disposition File
- W1 WITHDRAWN FROM STAKING N.R.W 10/82
  - W2 WITHDRAWN FROM STAKING N.R.W 09/83
  - DT 105 WITHDRAWN FROM STAKING W78/81



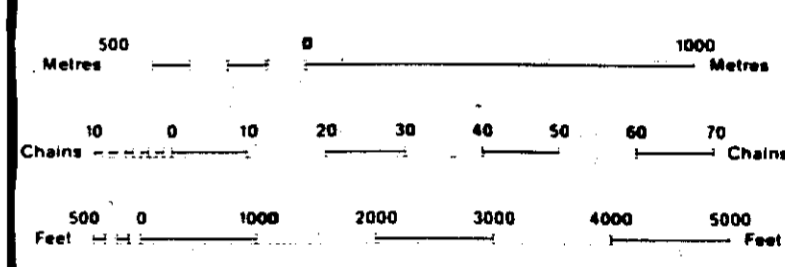
LEGEND

|                                    |          |
|------------------------------------|----------|
| HIGHWAY AND ROUTE No               | [Symbol] |
| OTHER ROADS                        | [Symbol] |
| TRAILS                             | [Symbol] |
| SURVEYED LINES                     | [Symbol] |
| TOWNSHIPS, BASE LINES, ETC.        | [Symbol] |
| LOTS, MINING CLAIMS, PARCELS, ETC. | [Symbol] |
| UNSURVEYED LINES                   | [Symbol] |
| LOT LINES                          | [Symbol] |
| PARCEL BOUNDARY                    | [Symbol] |
| MINING RIGHTS ETC.                 | [Symbol] |
| RAILWAY AND RIGHT OF WAY           | [Symbol] |
| UTILITY LINES                      | [Symbol] |
| NON-PERENNIAL STREAM               | [Symbol] |
| FLOODING OR FLOODING RIGHTS        | [Symbol] |
| SUBDIVISION OR COMPOSITE PLAN      | [Symbol] |
| RESERVATIONS                       | [Symbol] |
| ORIGINAL SHORELINE                 | [Symbol] |
| MARSH OR MUSKEG                    | [Symbol] |
| MINES                              | [Symbol] |
| TRAVERSE MONUMENT                  | [Symbol] |

DISPOSITION OF CROWN LANDS

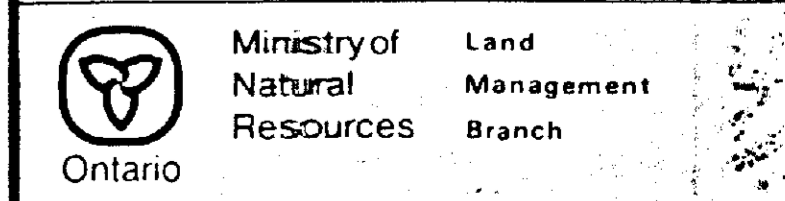
| TYPE OF DOCUMENT                | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | ●      |
| " SURFACE RIGHTS ONLY           | ○      |
| " MINING RIGHTS ONLY            | ◐      |
| LEASE, SURFACE & MINING RIGHTS  | ■      |
| " SURFACE RIGHTS ONLY           | ◼      |
| " MINING RIGHTS ONLY            | ◻      |
| LICENCE OF OCCUPATION           | ▽      |
| ORDER-IN-COUNCIL                | OC     |
| 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.

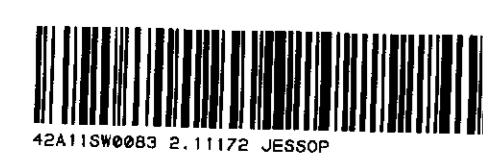


SCALE 1:20 000  
GRID ZONE 17

TOWNSHIP  
**JESSOP**  
M.N.R. ADMINISTRATIVE DISTRICT  
**TIMMINS**  
MINING DIVISION  
**PORCUPINE**  
LAND TITLES / REGISTRY DIVISION  
**COCHRANE**



ORIGINAL COMPILED JULY 1984  
REVISED  
Number  
**G-3984**





WARK TP

KIDD TP

JESSOP TP

MURPHY TP

MURPHY TP

JESSOP TP

MURPHY TP

JESSOP TP

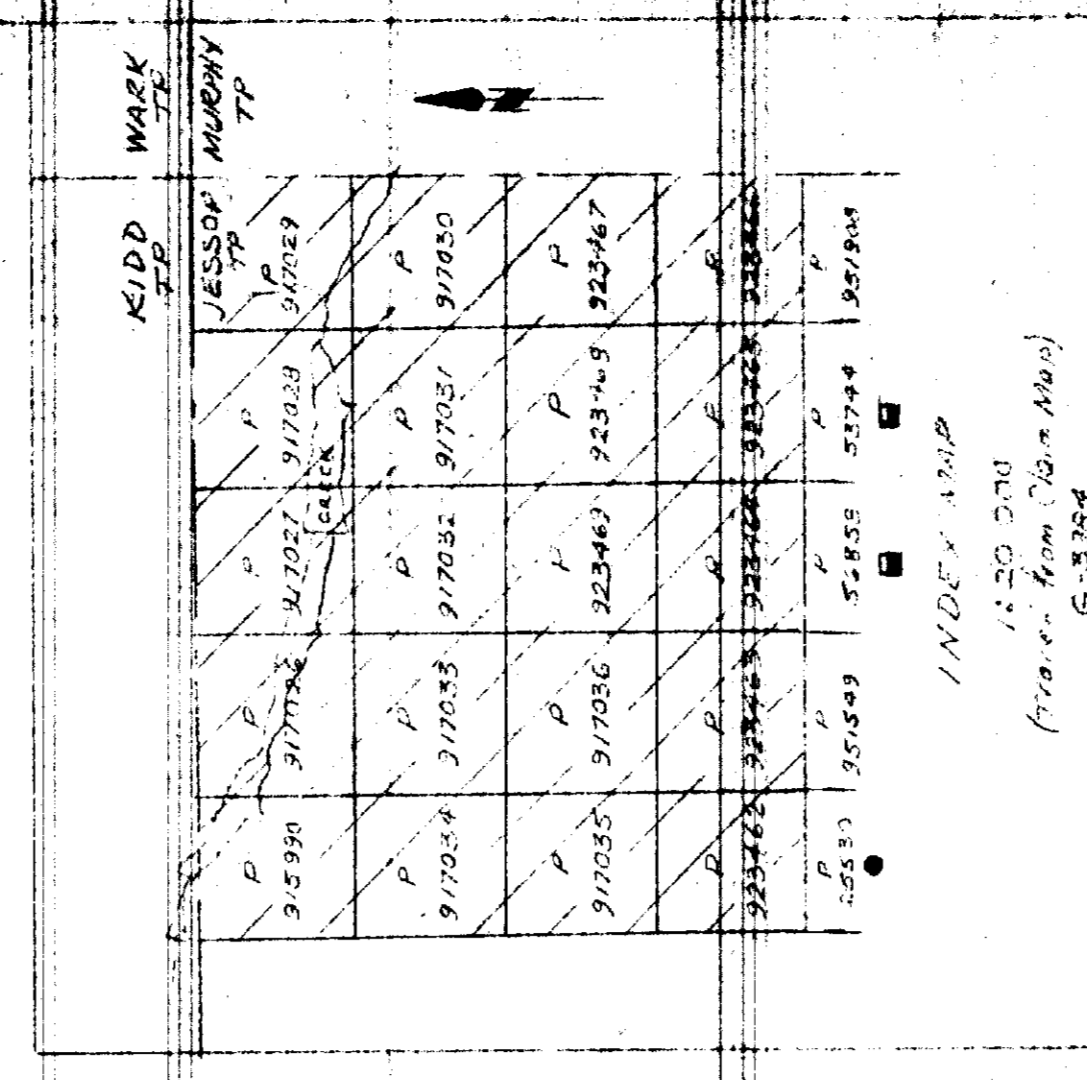
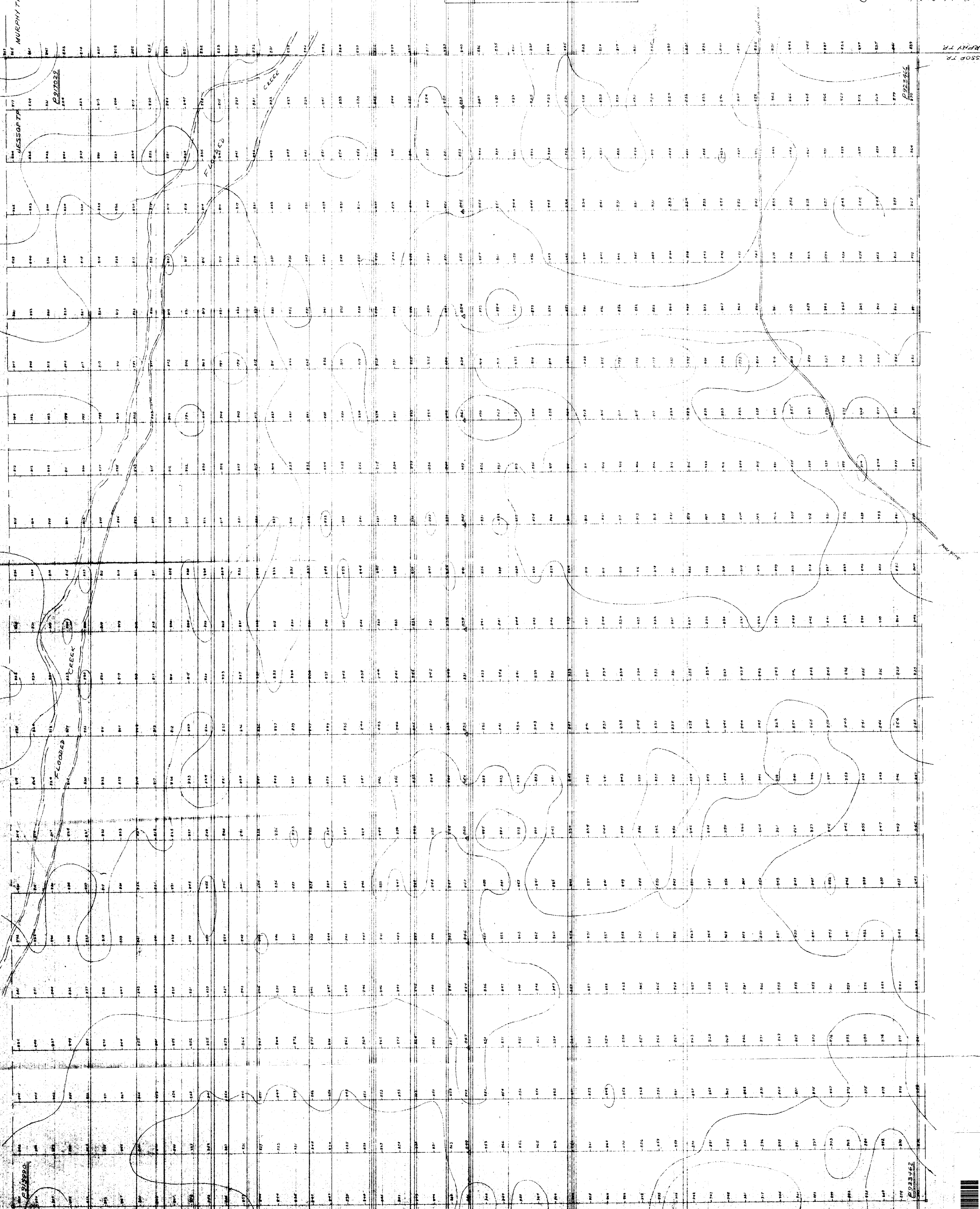
MURPHY TP

JESSOP TP

MURPHY TP

JESSOP TP

MURPHY TP



2.11172

GEOMAGNETIC SURVEY  
 SHERIDAN CLAIMS  
 JESSOP TOWNSHIP  
 PARISHVILLE MINING DIVISION  
 ONTARIO

SCALE 1:10000  
 APR 1989  
 PREPARED BY: SHERIDAN CLAIMS  
 CONTROL POINTS: JESSOP TOWNSHIP  
 CONTROL INTERVAL: 25 gamma  
 SURVEYED BY: A. Mayne, Control Station  
 OPEN BY: J. Lee  
 NOTE: 5000 gamma deduct from all magnetic readings

DATE: 1989  
 DRAWN BY: J. Lee  
 CHECKED BY: J. Lee