

41104NE0036 2.15326 ROOSEVELT

010

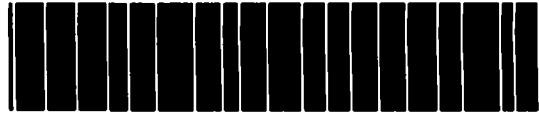
2.15326

GEOLOGICAL REPORT ON THE WHITE PROPERTY  
ROOSEVELT TOWNSHIP  
SUDBURY MINING DIVISION  
NTS 41 1/04

RECEIVED  
MAR 3 - 1994  
MINING LANDS BRANCH

SHAWONIS EXPLORATIONS ENT. LTD.  
CATHERINE BUTELLA  
December, 1993

2.6944 *Qual #*



41104NE0036 2.15326 ROOSEVELT

010C

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### LIST OF MAPS

1. GEOLOGY MAP (back pocket)

3.0 EXPENSES

DIRECT EXPENSES

LABOUR AND CONTRACTING FEES

|                             |                                  |          |
|-----------------------------|----------------------------------|----------|
| Line Cutting : Cut & picket | 8.3 kms @ \$ 275 / km            | 2,282.50 |
| flag infill                 | 6.7 kms @ \$ 150 / km            | 1,005.00 |
| Geological Mapping :        | 25 days @ \$ 100.00 / day (OPAP) | 2,500.00 |
| Prospecting and Sampling :  | 4 days @ \$ 100.00 / day         | 400.00   |
| Report:                     | 2 days @ \$ 100.00 / day         | 200.00   |
| Labour : A. O'Connor :      | 7 days @ \$ 100.00 / day         | 700.00   |
| D Robinson :                | 7 days @ \$ 100.00 / day         | 700.00   |

SUPPLIES AND EQUIPMENT RENTALS

Boat Rental:

|  |                        |        |
|--|------------------------|--------|
| 12' aluminum cached on Leech Lake :          | 4 wks @ \$ 100.00 / wk | 400.00 |
| 12' aluminum on Plunge Lake :                | 4 wks @ \$ 100.00 / wk | 400.00 |
| 3 HP Johnson outboard motor @ \$ 100.00 / wk |                        | 400.00 |
|  | + GST                  | 84.00  |
|  | + PST                  | 96.00  |

|   |  |          |
|---|--|----------|
| Gasoline and Propane                      |  | 206.92   |
| Field Equipment Rental ( includes taxes ) |  | 566.15   |
| Supplies                                  |  | 1,119.02 |
| Maps                                      |  | 84.43    |
| Services                                  |  | 197.90   |

TOTAL 11,341.92

NOTE: Contracting rates are based on OPAP allowable daily rates.

*Catherine D. Brette*  
Dec 16/93

INDIRECT EXPENSES

Mobilization and Demobilization

|                     |        |
|---------------------|--------|
| O'Connor            | 100.00 |
| Robinson            | 400.00 |
| Butella             | 400.00 |
| Water Taxi Services | 114.20 |

|   |        |
|---|--------|
| Cabin Rental (Project duration - Russ Hunda ) | 200.00 |
|---|--------|

|         |          |
|---------|----------|
| Grocery | 1,068.81 |
|---------|----------|

|                       |        |
|-----------------------|--------|
| Travel Expenses: Fuel | 294.53 |
| Meals                 | 211.14 |
| Lodging               | 238.79 |

|       |          |
|-------|----------|
| TOTAL | 3,027.47 |
|-------|----------|

*Catherine Butella*  
*Dec 16/93*

## 1. SUMMARY

The **WHITE Property** is underlain by sedimentary rocks of the Gowganda formation and is crosscut by east-west trending sills and dykes of gabbro and Nipissing diabase. Stratabound sulphide-associated gold mineralization has been detected at the sediment/mafic intrusive rock contact and solely within siliceous sediments. Gold assays up to 0.88 ounces per ton over 0.70 m have been detected within a 350 m long stratabound sulphide zone along the southern margin of the claim group. Recent geological mapping has identified several other mineralized occurrences on the property. The mineralization on the property is similar to the former producing Bousquet Mine in Curtin Township, which produced 4,700 ounces of gold and the McMillan Mine in Mongowin Township, which produced 10,590 ounces of gold. Gold is associated with disseminated to semi-massive pyrite, minor arsenopyrite and chalcopyrite within a brittle-fractured quartzite. Accessory quartz and ankerite veining is prevalent with the showings.

A program of line cutting and geological mapping was recently completed as part of an Ontario Prospectors Assistance Program Grant (OPAP).

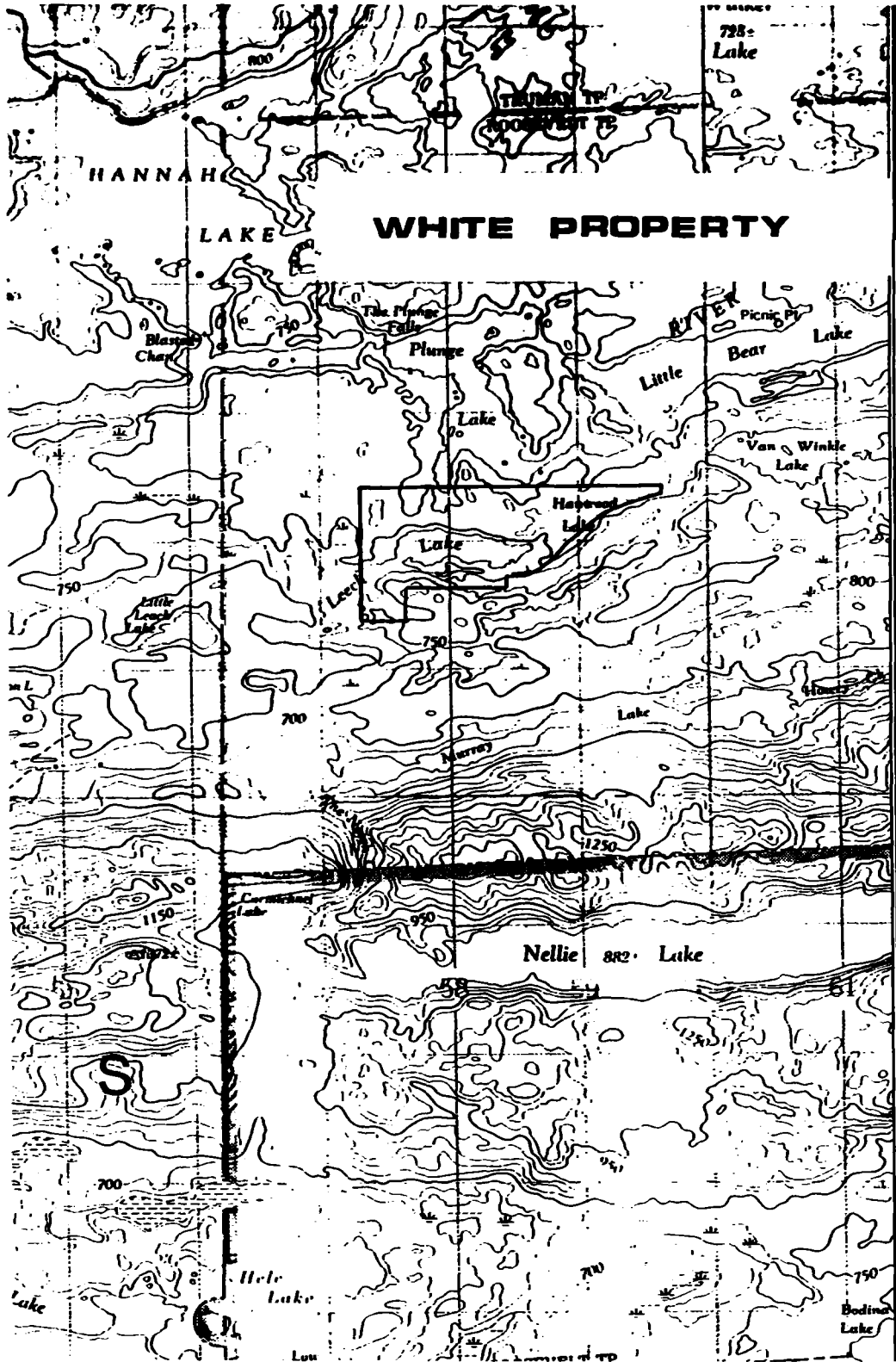
## 2. INTRODUCTION

A program of line cutting and geological mapping was completed during the period of September to November, 1993 on the **White Property**, located in Roosevelt Township. A base line was established on the northern half of the claim group extending from L 800 W to 1400 E at an azimuth of 082°. Chainsaw cut lines were completed at 200 m intervals from 800 W to 1400 E with pickets every 25 m extending from the northern claim boundary south to Leech Lake and Hanwood Lake. Flagged compass and topolines were completed between the cut lines at 100 m intervals (figure 2). A tie line was extended west from L 800 E to L 200 E at 500 S and from L 200 E to 150 W at 400 S. A total of 8.3 km of cut line and 6.5 km of flagged lines were completed. The property was geologically mapped at 1:2,500 utilizing the cut and flagged grid (see Map back pocket). Thirty-three rock samples were collected for assay from mineralized showings on the property. Assay results are pending.

### 3. LOCATION AND ACCESS

The **White Property** claim group consists of eleven contiguous unpatented mining claims straddling Leech Lake, in western Roosevelt Township, Sudbury Mining Division, District of Sudbury (NTS 41 I/04). The property is approximately 20 km southeast of Espanola and 55 km southwest of Sudbury. The area is bounded by latitude  $46^{\circ} 09' 22''$  to  $46^{\circ} 10' 23''$  and longitude  $81^{\circ} 31' 15''$  to  $81^{\circ} 33' 15''$  (figure 1).

Access to the **White Property** is via Highway 6, from Espanola 12 km south to the to Lang Lake Resort access road and 3 km east via gravel road to the government dock. A water taxi service is available from the Lang Lake lodge at \$50/return trip. The property can be reached by boat from the government dock east via Lang Lake connecting to the southwest bay of Plunge Lake, approximately 15 km. A trail connects the southwestern bay of Plunge Lake with Leech Lake. Line 0, 200 N is a few metres west of the trail. Leech Lake and Hanwood Lake are also connected by a trail which crosses the southern tie line 400 S at 095W. Accommodation was facilitated on site by renting a local cabin on Plunge Lake.

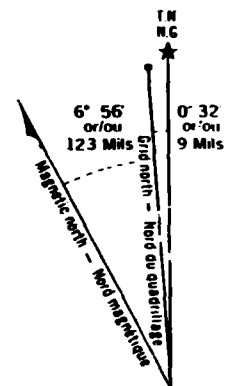


TABLÉAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 46° 30' | 41 08   | 41 05   | 41 06   | 46° 30' |
| 46° 15' | 41 07   | 41 04   | 41 03   | 46° 15' |
| 46° 00' | 41 0216 | 41 0113 | 41 0114 | 46° 00' |

INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

**WHITEFISH FALLS**  
41-1/4  
EDITION 3



Use diagram only to obtain numerical values  
APPROXIMATE MEAN DECLINATION 1974  
FOR CENTER OF MAP  
Annual change decreasing 0.0

Utiliser le diagramme que pour obtenir les valeurs numériques  
DECLINAISON MOYENNE APPROXIMATIVE  
AU CENTRE DE LA CARTE EN 1974  
Variation annuelle décroissante 0.0

ONE THOUSAND METRE  
UNIVERSAL TRANSVERSE MERCATOR GRID  
ZONE 17  
QUADRILLAGE DE MILLE MÈTRES  
TRANSVERSE UNIVERSEL DE MERCATOR

**LOCATION MAP**

**FIG. 1A**



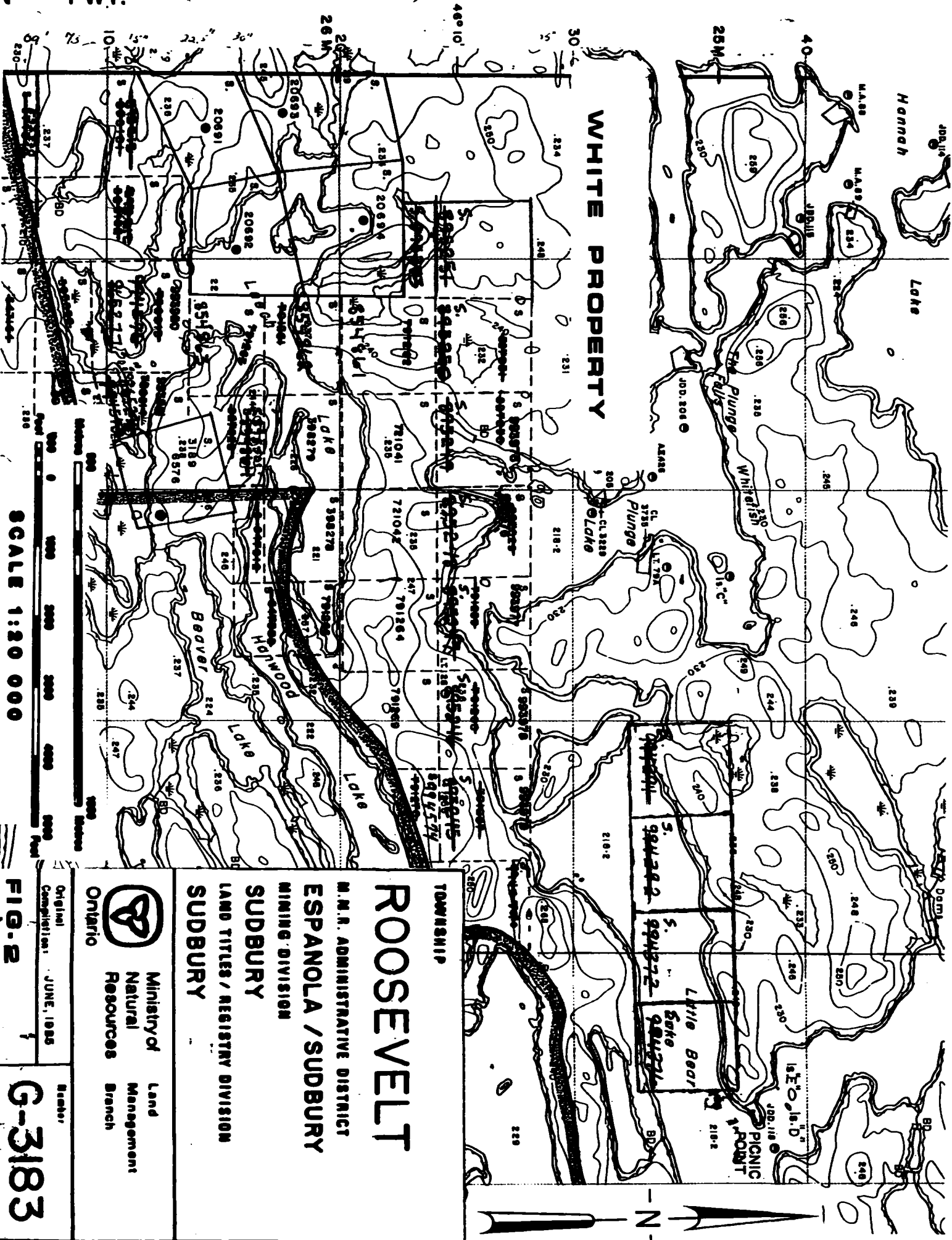


#### 4. PROPERTY DESCRIPTION

The **White Property** is 100% owned by James William White of Box 71, Whitefish Falls, Ontario, P0P 2H0. Mr. White currently holds Ontario Prospectors Licence No. C33855. The property consists of 11 unpatented claims within Roosevelt Township (Claim Plan G3183), Sudbury Mining District (figure 2). No agreements or contractual obligations apply to the property. The claims are in good standing with respect to assessment requirements.

| <b>Claim Number</b> | <b>Recording Date</b> |
|---------------------|-----------------------|
| S854861             | May 26, 1986          |
| S854862             | May 26, 1986          |
| S854863             | May 26, 1986          |
| S721041             | November 18, 1983     |
| S721042             | November 18, 1983     |
| S791264             | May 15, 1984          |
| S791266             | May 15, 1984          |
| S791269             | July 24, 1984         |
| S994574             | May 13, 1988          |
| S398278             | October 17, 1980      |
| S398279             | October 17, 1980      |

TWP.



SCALE 1:20 000

# ROOSEVELT

TOWNSHIP

M.N.S. ADMINISTRATIVE DISTRICT  
**ESPANOLA / SUDBURY**  
 MINING DIVISION  
**SUDBURY**  
 LAND TITLES / REGISTRY DIVISION  
**SUDBURY**



Ministry of Land Management  
 Natural Resources Branch

Original Completion: JUNE, 1985

Banker: **G-3183**

FIG. 2

## 5. PREVIOUS WORK

Harwood Lake Mines Ltd. performed 4006 feet of diamond drilling in 12 holes between 1935 and 1937. Several pits and trenches were excavated during this program and a 50 foot shaft was sunk immediately south of Harwood Lake in 1937.

Mechanical stripping, trenching and sampling was completed by James White from 1980 to 1982, outlining anomalous gold hosted within quartzite along the south margin of the claim group.

J.W. Grant and R.J. Fraser completed line cutting and ground geophysical surveys within the immediate vicinity and overlapping the White property.

Shawonis Explorations Ent. Ltd. and associates completed preliminary prospecting, geological mapping, sampling over the claim group defining several areas with anomalous gold in altered sediments.

## 6. REGIONAL GEOLOGY

The **White Property** is underlain by a 3000 m thick sub-vertically dipping, east-west trending, sequence of coarse polymictic conglomerate, greywacke, sandstone and quartzite of the Gowganda formation which extends for in excess of 60 km. The Gowganda formation is bounded to the north and south by clastic rocks of the Serpent formation and Lorrain formation respectively (Card, 1978, O.G.S. Map 2360). These Proterozoic rocks are intruded by 100 to 500 m thick sub concordant mafic intrusive sills and dykes. The former producing Bousquet Mine in Curtain Township, is at the southern margin of a mafic intrusive sill, hosted within Gowganda sedimentary rocks. Numerous gold showings on the **White Property** display a similar regional stratigraphic/structural setting as the Bousquet Mine and both contain similar alteration and accessory mineral associations with gold.

## 7. PROPERTY GEOLOGY

Sedimentary rocks including polymictic conglomerate, greywacke and quartzite predominate the stratigraphic section along the north and south margins of Leech Lake. The sediments trend easterly and are sub-vertically dipping, although foliations and bedding are very poorly visible in outcrop. Gold mineralization is hosted within a white to pink, very fine grained quartzite. Three or more stratigraphic horizons of quartzite with gold showings have been recognized on the property. The most significant gold occurrence extends for approximately 350 m on surface, located between Leech Lake and Hanwood Lake, centred on L 0+00, 475 S. A pink facies alteration within quartzite locally coincides with the gold showings, possibly reflecting albite or very fine grained interstitial hematite. The quartzite is commonly extensively fractured and rusty weathered reflecting accessory pyrite.

The sedimentary succession is intruded by a medium to coarse grained mafic intrusive rock which extends across the northern half of the property. The former producing Bousquet Mine in Curtin Township is located at a similar mafic intrusive/sedimentary rock contact. The mafic intrusive rocks on the **White Property** forms a 100 to 500 m thick sill which has been traced from 750 W to 1400 E. Several gold showings have been identified at or near the southern mafic intrusive/sedimentary rock contact on the **White Property**.



INDIRECT EXPENSES

Mobilization and Demobilization

|                     |        |
|---------------------|--------|
| O'Connor            | 100.00 |
| Robinson            | 400.00 |
| Butella             | 400.00 |
| Water Taxi Services | 114.20 |

|   |        |
|---|--------|
| Cabin Rental (Project duration - Russ Hunda ) | 200.00 |
|---|--------|

|         |          |
|---------|----------|
| Grocery | 1,068.81 |
|---------|----------|

|                       |        |
|-----------------------|--------|
| Travel Expenses: Fuel | 294.53 |
| Meals                 | 211.14 |
| Lodging               | 238.79 |

|       |          |
|-------|----------|
| TOTAL | 3,027.47 |
|-------|----------|

*Catherine Butella*  
*Dec 16/93*

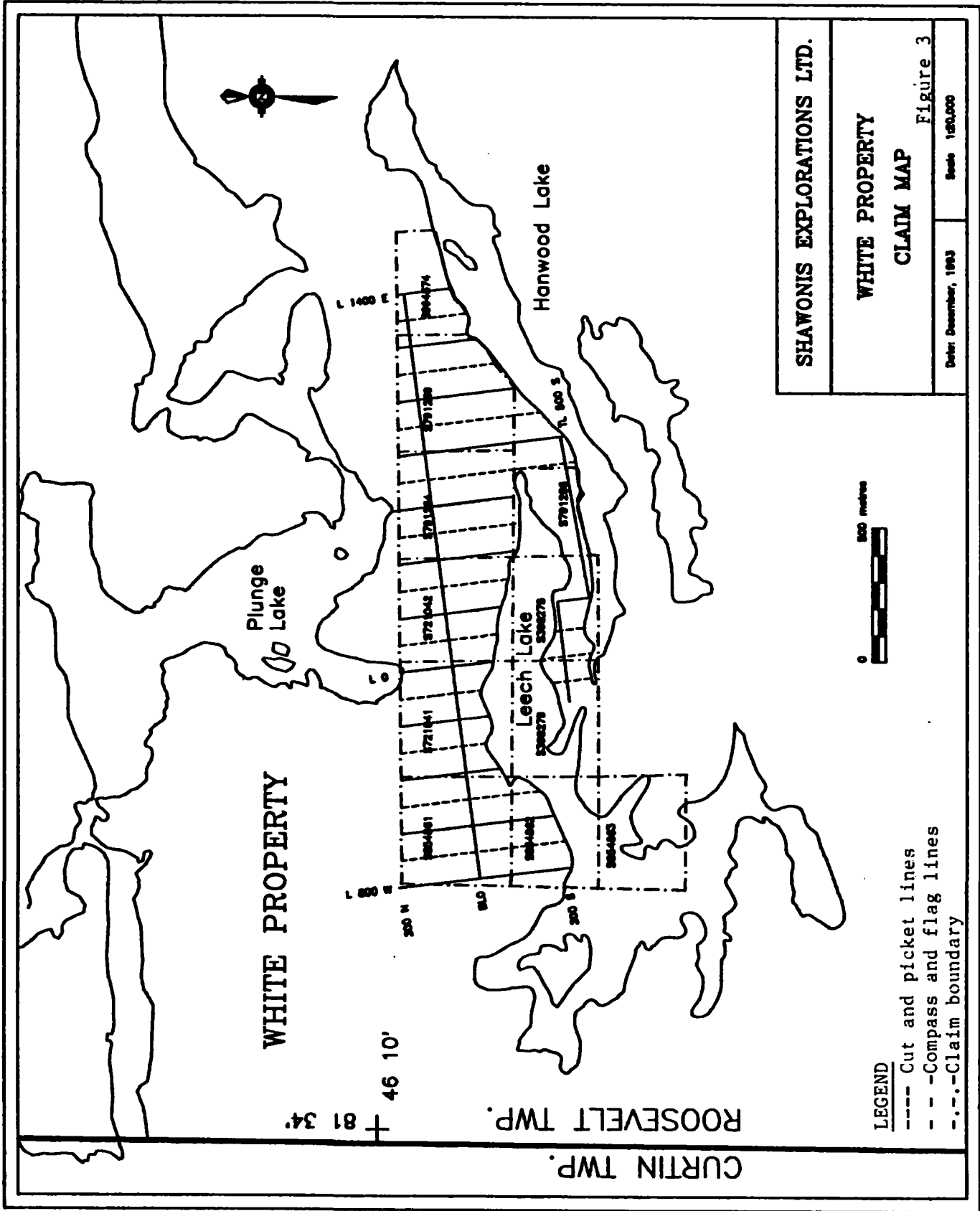


9.0  
10.

#### SOURCES OF INFORMATION

Card, K.D. 1978 **Geology of the Sudbury-Manitoulin Area**, Districts of Sudbury and Manitoulin, Ontario Geological Survey, Report 166, Map 2360 (1 inch to 2 miles).

Gordon, J.B., Lovell, H.L., de Grijjs, Jan and Davie, R.F. 1979 **Gold Deposits of Ontario, Part 2**, Ontario Geological Survey, Mineral Deposits Circular 18.



SHAWONIS EXPLORATIONS LTD.

WHITE PROPERTY  
CLAIM MAP

Date: December, 1983  
Scale: 1:50,000



- LEGEND**
- Cut and picket lines
  - - - - - Compass and flag lines
  - . - . - Claim boundary

**LIST OF PERSONNEL FOR WHITE CLAIMS**

**WORK REPORT**

| <b>Name</b>   | <b>Address</b>  | <b>Days Worked</b> | <b>Ontario Prospectors License</b> |
|---|---|--------------------|------------------------------------|
| <b>Cathy Butella<br/>Shawonis Explorations<br/>&amp; Ent. Limited</b> | <b>R.R.#2, Brantford<br/>Ontario N3T 5L5<br/>(519) 752-3917</b>                   | <b>35</b>          | <b>C37071</b>                      |
| <b>Donald Robinson<br/>Robinson Exploration<br/>Services Limited</b>  | <b>29 Scarth Road<br/>Suite 2, Toronto<br/>Ontario M4W 2S5<br/>(416) 920-4701</b> | <b>12</b>          | <b>A51455</b>                      |
| <b>Alan O'Connor</b>  | <b>312 St. Clarens<br/>Toronto, Ontario<br/>M6H 3W3<br/>(416) 537-3843</b>        | <b>7</b>           |                                    |

---

## **CERTIFICATE OF QUALIFICATIONS**

**I, Catherine Irene Butella, of R.R. #2 Brantford, Ontario, hereby certify:**

- 1. I am a graduate of Lakehead University (1983) and hold a BSC degree in Geology and an HBSC in Biology.**
- 2. I am presently a self employed contractor.**
- 3. I wholly own and operate Shawonis Explorations and Enterprises Ltd.**
- 4. I have been employed in my profession by various mining companies for the past 14 years.**
- 5. The information contained in this report was obtained during the completion of a preliminary exploration programme carried out for James W. White of Espanola, and was conducted over time intervals from late summer to early winter months 1993.**
- 6. Neither Shawonis Explorations and Enterprises nor myself have any direct or indirect interest in the property described.**

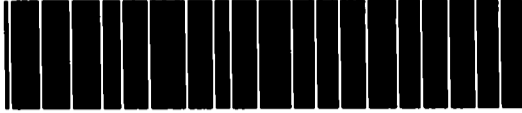
**Dated at Brantford, Ontario this 16th day of December, 1983.**



Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15326

- Instructions: - Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for required Recorder.
- A separate copy of this form must be completed
- Technical reports and maps must accompany this
- A sketch, showing the claims the work is assigned



41104NE0036 2.15326 ROOSEVELT

900

|  |  |
|--|--|
| Recorded Holder(s)<br><b>James William White</b>   | Client No.<br><b>208286</b>                |
| Address<br><b>Box 71 Whitefish Falls, Ont. P0P 2H0</b>   | Telephone No.<br><b>(705) 285-4254</b>     |
| Mining Division<br><b>Sudbury Division</b>   | Township/Area<br><b>Roosevelt Township</b> |
|  | M or G Plan No.<br><b>G 3183</b>           |
| Dates Work Performed<br>From: <b>Sept 03, 1993</b> (2 days August also) To: <b>Nov 9, 1993</b> |  |

Work Performed (Check One Work Group Only)

| Work Group   | Type  |
|--|---|
| <input checked="" type="checkbox"/> Geotechnical Survey    | <b>Linecutting, Geological Mapping and Sampling, Expenditures</b> |
| <input type="checkbox"/> Physical Work, Including Drilling |   |
| <input type="checkbox"/> Rehabilitation                    |   |
| <input type="checkbox"/> Other Authorized Work             |   |
| <input type="checkbox"/> Assays                            |   |
| <input type="checkbox"/> Assignment from Reserve           |   |

**RECEIVED**  
MAR 3 - 1994  
MINING LANDS BRANCH

**RECORDED**  
DEC 17 1993  
Receipt *MAH*

Total Assessment Work Claimed on the Attached Statement of Costs \$ 14,369.39 *MAH*

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

| Name                               | Address                                     |
|------------------------------------|---|
| <b>C. Butella, Shawonis</b>        | <b>RR#2 Brantford Ont N3T 5L5</b>           |
| <b>Explorations &amp; Ent. Ltd</b> |   |
| <b>Don Robinson, Robinson</b>      | <b>29 Scarth Rd Suite 200 Toronto Ont M</b> |
| <b>Exploration Services Ltd.</b>   |   |

(attach a schedule if necessary) *See also attached*

Certification of Beneficial Interest \* See Note No. 1 on reverse side

|  |      |                                      |
|--|------|--------------------------------------|
| I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder. | Date | Recorded Holder or Agent (Signature) |
|--|------|--------------------------------------|

Certification of Work Report

|   |                          |  |
|---|--------------------------|--|
| I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true. |                          |  |
| Name and Address of Person Certifying<br><b>Cathy Butella Brantford Ont N3T 5L5</b>   |                          |  |
| Telephone No.<br><b>519 752-3917</b>  | Date<br><b>Dec 16/93</b> | Certified By (Signature)<br><i>Catherine G Butella</i> |

For Office Use Only

|  |  |                                       |                            |
|--|--|---------------------------------------|----------------------------|
| Total Value Cr. Recorded<br><i>Res. 85,169</i> | Date Recorded<br><b>December 17/93</b>     | Mining Recorder<br><i>[Signature]</i> | Received Stamp<br><b>7</b> |
|  | Deemed Approval Date<br><b>MARCH 17/94</b> | Date Approved                         |                            |
|  | Date Notice for Amendments Sent            |                                       |                            |

*2.15326*

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about the form should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 160 Queen Street West, Toronto, Ont. M5H 4A4, telephone (705) 675-7244.

2.15326

- Instructions:
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

|                 |  |                   |                    |
|-----------------|--|-------------------|--------------------|
| Recorded Name   | James William White                                      | Client No.        | 208286             |
| Address         | Box 71 Whitefish Falls, Ont. P0P 2H0                     | Telephone No.     | (705) 285-4254     |
| Mining Division | Sudbury Division   | Township/Area     | Roosevelt Township |
|                 |  | U. of M. Plan No. | G.3183             |
| Work Performed  | From Sept. 03, 1993: (2 days August also) To Nov 9, 1993 |                   |                    |

Work Performed (Check One Work Group Only)

| Work Group                        | Type   |
|-----------------------------------|--|
| Geotechnical Survey               | Linecutting, Geological Mapping and Sampling, Expenditures |
| Physical Work, including Drilling |  |
| Rehabilitation                    |  |
| Other Authorized Work             |  |
| Assays                            |  |
| Assignment from Reserve           |  |

RECORDED  
DEC 7 1993

RECEIVED  
MAR 3 - 1994

MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 14,369.39<sup>00</sup>

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

| Name                      | Address                              |
|---------------------------|--------------------------------------|
| C. Bulala Shulenz         | RR#2 Brantford Ont. N3T 5L6          |
| Exploration & Ent. Ltd    |                                      |
| Don Robinson Robinson     | 29 Scarth Rd Suite 200 Toronto Ont M |
| Exploration Services Ltd. |                                      |

(Attach a schedule if necessary) see also attached

Certification of Beneficial Interest \* See Note No. 1 on reverse side

I hereby certify that the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the persons named herein.

DATE: Jan 4/94  
 RECORDED HOLDER OR AGENT (signature): Catherine Bulala

Certification of Work Report

I hereby certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after the work was performed and the report is true.

Name: Catherine Bulala  
 Address: RR#2 Brantford Ont N3T 5L6

Date: Dec 16/93  
 Certified by (signature): Catherine Bulala

|                                |                              |
|--------------------------------|------------------------------|
| Stamp: RECEIVED<br>DEC 17 1993 | Mining Recorder: [Signature] |
| Stamp: RECEIVED<br>DEC 17 1993 | Date Reported: Dec 17/94     |









Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

~~Geoscience Approvals Office~~  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

Our File: 2.15326  
Transaction #: W9370.00107

April 26, 1994

Mining Recorder  
Ministry of Northern  
Development and Mines  
933 Ramsey Lake Road  
3rd Floor  
Sudbury, Ontario  
P3E 6B5

Dear Sir:

**RE: Approval of Notice of Reduction issued for assessment work  
reported on mining claims S 398278 et al. in Roosevelt Township.**

---

The assessment work credits as outlined in the Notice of Reduction dated March 9, 1994 have been approved as of April 25, 1994. Please see the attached assessment work credit forms.

If you require additional information please contact Dale Messenger at 670-5858.

Yours sincerely,

Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mining and Land Management Branch  
Mines and Minerals Division

DEM/lis

cc: ✓ Assessment Files Library  
Toronto, Ontario

Resident Geologist  
Sudbury, Ontario

**ASSESSMENT WORK CREDIT FORM**

**FILE NUMBER:** 2.15326  
**DATE:** April 26, 1994  
**TRANSACTION NUMBER:** W9370.00107

**RECORDED HOLDER:** James William White  
**TOWNSHIP:** Roosevelt  
**CLIENT NUMBER:** 208286

**Total Assessment Credit claimed:** \$ 14,369.00

**Level of Assessment Credit to be approved :** \$ 13,610.00.

| <b>CLAIM NUMBER</b> | <b>VALUE OF ASSESSMENT WORK DONE ON CLAIM</b> | <b>VALUE APPLIED TO THIS CLAIM</b> | <b>VALUE ASSIGNED FROM THIS CLAIM</b> | <b>RESERVE</b>   |
|---------------------|---|------------------------------------|---------------------------------------|------------------|
| S398278             | 1238.00                                       | 1600.00                            |                                       |                  |
| S398279             | 1238.00                                       | 1600.00                            |                                       |                  |
| S721042             | 1238.00                                       | 1200.00                            |                                       | 38.00            |
| S994574             | 1237.00                                       | 800.00                             |                                       | 437.00           |
| S791264             | 1237.00                                       | 800.00                             |                                       | 437.00           |
| S791266             | 1237.00                                       | 800.00                             |                                       | 437.00           |
| S791269             | 1237.00                                       | 800.00                             |                                       | 437.00           |
| S721041             | 1237.00                                       | 400.00                             |                                       | 837.00           |
| S854861             | 1237.00                                       | 400.00                             |                                       | 837.00           |
| S854862             | 1237.00                                       | 400.00                             | 362.00                                | 475.00           |
| S854863             | 1237.00                                       | 400.00                             | 362.00                                | 475.00           |
| <b>TOTALS:</b>      | <b>\$13,610.00</b>                            | <b>\$9200.00</b>                   | <b>\$724.00</b>                       | <b>\$4410.00</b> |

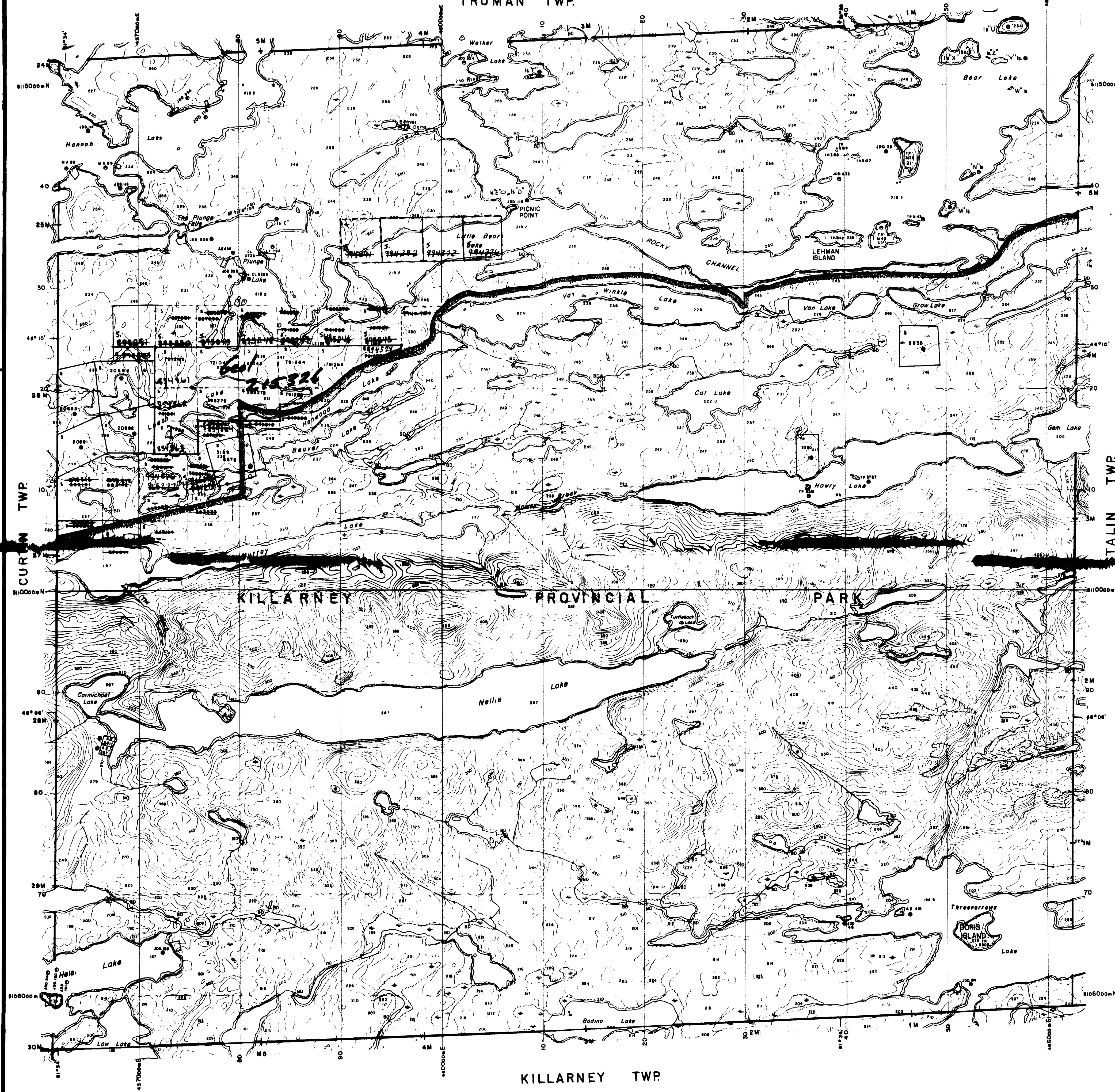
**MAP SYMBOLS**

|  |  |
|--|--|
| Aerial Cables                                  | Pipeline   |
| Boundary                                       | Railroad   |
| International Boundary                         | Single Track   |
| Station, Telephone, Power Lines                | Double Track   |
| Approach                                       | Turbine  |
| Lot, Section, Approximate                      | Road   |
| Park Boundary                                  | Highway, County, Township  |
| Dam, Dammed                                    | Access Road (road of doubtful maintenance or significant airway) |
| Building                                       | Trail, Bush Road (Storage, utility)                              |
| Chimney  | Riprap   |
| Cliff, Pit, Pile                               | Double Line River with multiple rapids                           |
| Contours                                       | Reservoir  |
| Interpreted Contours                           | River, Stream, Canal   |
| Depression Contours                            | Approximate Contour  |
| Control Points                                 | Dike   |
| Horizontal Control Point                       | Dike with multiple rapids  |
| Vertical Control Point                         | Dike with multiple rapids and multiple rapids                    |
| Culvert  | Hill   |
| Falls  | Spot Elevation (Elevational)                                     |
| Double Line River                              | Tomb   |
| Fence, Hedge, Wall                             | Transmission Line  |
| Feature Outlines (Construction features, etc.) | Pole   |
| Flooded Land                                   | Pylon  |
| Lack   | Tunnel   |
| Marsh or Swamp                                 | Utility Pole   |
| Mud  | Wharf, Dock, Pier  |
| Mine Head Frame                                | Wooded Area  |
| 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 |

**TRUMAN TWP.**



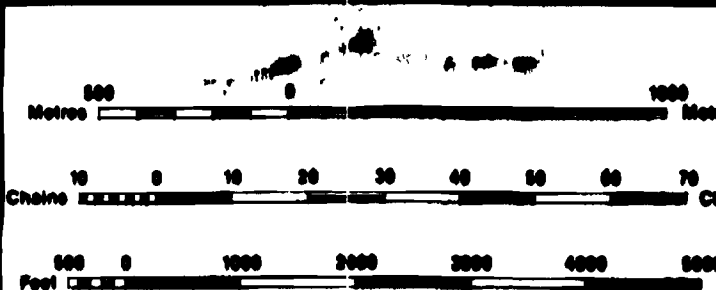
**LEGEND**

|                               |                                   |
|-------------------------------|-----------------------------------|
| 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      | UTILITY LINES                     |
| NON-PERENNIAL STREAM          | FLOODING OR FLOODING RIGHTS       |
| SUBDIVISION OR COMPOSITE PLAN | RESERVATIONS                      |
| ORIGINAL SHORELINE            | MARSH OR MUSKEG                   |
| MINES                         | TRAVERSE 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 8, 1912, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 306, SEC. 63, SUBSEC. 1.



SCALE 1:20 000  
GRID ZONE 17

DATE OF ISSUE  
1:31 1993  
SUDBURY  
MINING RECORDER'S OFFICE

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RECEIVED  
MAR 3 - 1994  
MINING LANDS BRANCH

TOWNSHIP  
**ROOSEVELT**  
M.N.R. ADMINISTRATIVE DISTRICT  
ESPANOLA / SUDBURY  
MINING DIVISION  
SUDBURY  
LAND TITLES / REGISTRY DIVISION  
SUDBURY

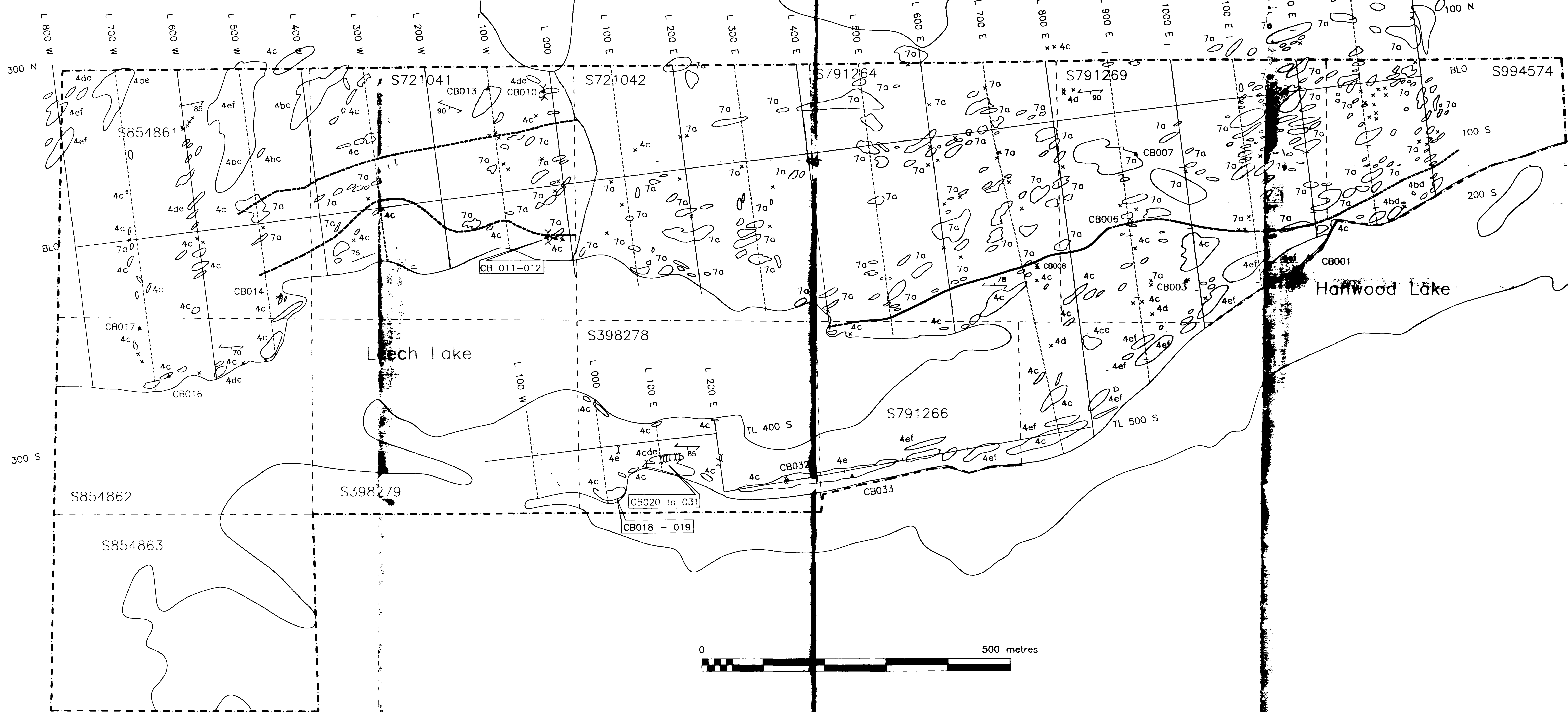
Ministry of Natural Resources  
Land Management Branch  
Original Completion: JUNE, 1985  
Revised:  
Number: **G-3183**







# WHITE PROPERTY



## Geology Legend

### Late PreCambrian Intrusive Rocks

- 8a Unsubdivided
- 8b Porphyritic Diabase
- 8c Diabase

### Mafic to Ultramafic Intrusive Rocks

- 7a Unsubdivided
- 7b Gabro
- 7c Pyroxenite
- 7d Peridotite

### Felsic Intrusive Rocks

- 6a Unsubdivided
- 6b Granite
- 6c Quartz Monzonite
- 6d Granodiorite
- 6e Diorite
- 6f Pegmatite

### Porphyritic Felsic Intrusive Rocks

- 5a Unsubdivided
- 5b Quartz Porphyry
- 5c Quartz-Feldspar Porphyry
- 5d Feldspar Porphyry

### Clastic Sedimentary Rocks

- 4a Unsubdivided
- 4b Argillite, siltstone
- 4c Siltstone
- 4d Greywacke, arkose
- 4e Dirty wacke, pebbly wacke
- 4f Conglomerate
- 4g Reworked tuff
- 4h Quartz-plagioclase-hornblende schist

### Chemical Sedimentary Rocks

- 3a Unsubdivided
- 3b Chert
- 3c Oxide facies Iron Formation
- 3d Silicate facies Iron Formation
- 3e Carbonate facies Iron Formation
- 3f Sulfide facies Iron Formation (pyrite, pyrrhotite)
- 3g Graphite

### Felsic Volcanic Rocks

- 2a Unsubdivided
- 2b Ash Flows
- 2c Tuff, fine ash
- 2d Crystal Tuff, 0.12 to 4 mm
- 2e Lapilli Tuff, 4 to 64 mm
- 2f Tuff breccia, 64 to 250 mm
- 2g Agglomerate, >250 mm
- 2h Cherty Tuff
- 2i Quartz Serfite Schist
- 2j Tuff Wacke

### Mafic Volcanic Rocks

- 1a Unsubdivided
- 1b Massive Flows, fine to medium grained
- 1c Gabroic Flows, medium to coarse grained
- 1d Pillowed Flows
- 1e Tuff, schist

## Abbreviations

|       |                |       |               |
|-------|----------------|-------|---------------|
| act   | actinolite     | ser   | serfite       |
| amph  | amphibole      | sil   | silicified    |
| and   | andalusite     | sil   | silimonite    |
| ank   | ankerite       | stour | stauronite    |
| bio   | biotite        | S     | sulfide       |
| calc  | calcite        | tour  | tourmaline    |
| carb  | carbonate      |       |               |
| chalc | chalcopyrite   |       |               |
| chl   | chlorite       | alt'n | alteration    |
| epid  | epidote        | frac  | fractured     |
| feld  | feldspar       | tkb   | thick bedded  |
| fuch  | fuchsite       | trb   | thin bedded   |
| gab   | gabro          | mod   | moderate      |
| if    | iron formation | min   | minor         |
| mag   | magnetite      | o/c   | outcrop       |
| muac  | muonite        | xtal  | crystal       |
| plag  | plagioclase    | st    | rusty, gossan |
| py    | pyrite         | v     | very          |
| pyrr  | pyrrhotite     | tr    | trace         |
| qtz   | quartz         | pk    | pink          |

## Symbols

|  |                           |
|--|---------------------------|
|  | claim post, line located  |
|  | bedding, strike and dip   |
|  | foliation, strike and dip |
|  | swamp                     |
|  | geological contact        |
|  | sample                    |

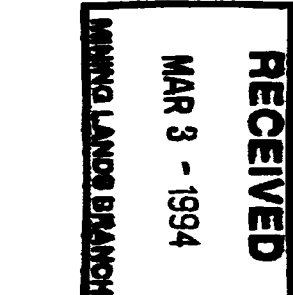
Note: All geological contacts are assumed. Geological contacts are interpreted from outcrop data, up dip projection of diamond drill core and induced polarization-resistivity data.

SHAWONIS EXPLORATION ENT. LTD.

2. 15326

WHITE PROPERTY

GEOLOGY MAP



*Colin De Vos*

NTS 41 1/04

Scale: 1:2500

Geology by: C.I.B., D.J.R.

Date: December, 1993