

GEOTECHNICAL (PROSPECTING) REPORT

Claims 3005396 and 3005397

N1/2 of S1/2 of Lot 11 Con. 1

Whitney Township

Porcupine Mining Division

by
J.E. Croxall

J.E. Croxall-P.Eng.

Mining Engineer

October 17, 2004

2. 28720

ACCESS

The claims can be reached by driving 4.8 km south-eastward from the Highway 101-Bruce Street junction in South Porcupine via the Langmuir Mine Road (Tisdale St. South) to a point 0.9 km south of the recently constructed Porcupine Joint Venture haul road overpass. From there, a somewhat overgrown 475 meter long side road running in a north-northeast direction leads to a large old blasted pit in the extreme northwest corner of claim 3005396. An old dozer road leads east from the vicinity of the pit along the north boundary of both claims and ends at the east boundary of claim 3005397 about 25 meters south of its northeast corner.

PROPERTY

The claim group consists of three unpatented, single unit mining claims:

1226760

3005396

3005397

The surface rights of all three claims are held by the Management Board Secretariat, the governing body over the Ontario Realty Corporation-a Crown Corporation which manages land for the M.B.S.

The surface rights patent numbers for these unpatented claims are respectively:

P13287

P8019

P12932

The M.B.S. / O.R.C. has been supplied with the appropriate Notices of Intention to Perform Assessment Work by the writer who holds a 100 % interest in the mineral rights.



HISTORICAL WORK

A previous Manual Stripping (Prospecting) Declaration of Assessment work was filed by the writer on Nov. 10, 2003 covering five areas of claim 1226760 which were stripped to expose hematized chert-magnetite iron formation. A sheared contact between those formations to the north and an ultramafic unit along the east-west side road traversing that claim were also exposed. No sulphide mineralization was seen in the bedrock itself or in occasionally encountered minor quartz stringers in the bedrock.

In 1967 four holes (CM-1 to CM-4) were drilled by Consolidated Morrison Explorations in the vicinity of the copper showing in the northwest corner of current claim 3005396. No significant assays were reported .

In 1968 Texasgulf Sulphur Ltd. completed an HLEM and Mag Survey over the south half of Lot 11 Con. 1 and two claims in Lot 12 and reported weak EM responses across the northerly half of claim 94613 (currently 3005396) and none on claim 94488 (currently 3005397). A weak east-west magnetic trend and weak isolated mag highs were reported as crossing the northerly 400-450 foot portion of the two claims.

In 1979 two vertical X-Ray holes and five vertical diamond drill holes (WH-1 to WH-5) were completed by Brown McDade Mines in the vicinity of the same copper showing. One additional hole (WH-6) was drilled 275' east-northeast of the showing. The X-Ray holes averaged Cu values in the 0.89 - 1.35 % range, Zn in the 0.21 - 0.59 % range, Au at 0.02 to 0.04 oz/ton and Ag at 0.31 to 0.76 oz/ton over 11.5' (lower averages) and 4.5' (higher averages). Hole WH-5 intersected an average of 0.466 % Cu, trace Au and 0.31 oz/ton Ag over 21' with the best Au value being 0.025 oz/ton.

All diamond drill holes (except WH-6) by the above two companies were drilled within a 100' radius of the surface Cu showing. No other drilling is known to have been done on the property.

AREA GEOLOGY

O.G.S. Map 2455 shows claim 1226760 and the northern part of 3005396 and 3005397 to be underlain by oxide and carbonate iron formations. The south half of the claims are indicated to be over mafic volcanic flows, tuffs and some breccias. A 20 degree dip to the north-northeast has been noted in the volcanic rocks.

PROPERTY GEOLOGY

The Brown McDade and Consolidated Morrison drill logs suggest the existence of felsic volcanic flows and fragmentals and siliceous sediments at the main copper showing with andesites to the south. A substantial amount of outcrop along the south boundary of claims 3005396 and 3005397 was observed by the writer to be fragmental andesitic rock.

PROSPECTING PROJECT

The current prospecting program is focussed on the siliceous Cu-Zn-Au-Ag bearing rocks east (and northwest) of the blasted pit on the main Cu showing.

Significant secondary silicification of the fragmental units exposed in and near the pit is indicated by numerous quartz-carbonate stringers and veins and matrix fillings among the fragments. Pyrite, chalcopyrite and sphalerite with associated gold and silver values have been reported to occur in these siliceous rocks.

One grab sample was taken by the writer from a pile of old blasted material on the southwest edge of the pit. It contained visible chalcopyrite, sphalerite and pyrite in the quartz-carbonate filling surrounding dense siliceous fragments up to three inches in size and assayed 0.038 oz/tonne Au and 0.464 oz/tonne Ag.

The first stage in this program is the preliminary delineation of the siliceous units east of the pit along the northern part of the two claims. The attached prospecting plan summarizes the results of the traversing completed to date.

The G.P.S. mapping to date highlights exposures of prospective siliceous rocks in the northwest quadrant of claim 3005396 and the northeast quadrant of 3005397. A possible zone 70 meters or more in width and 785 meters in length is suggested by the mapping but more delineation work is required in the north-central portion of the two unit property to confirm continuity. Should additional delineation work outline a continuous zone of similar siliceous rocks across the two claims, detailed prospecting and stripping would follow.

ASSESSMENT CREDIT CLAIM

Field traverses and outcrop mapping (May 1-6, 2004) :

4 mandays @ \$150/manday = \$600 (1)

Report and map preparation (Oct. 17,2004) :

1 manday @ \$150/manday = \$150 (2)

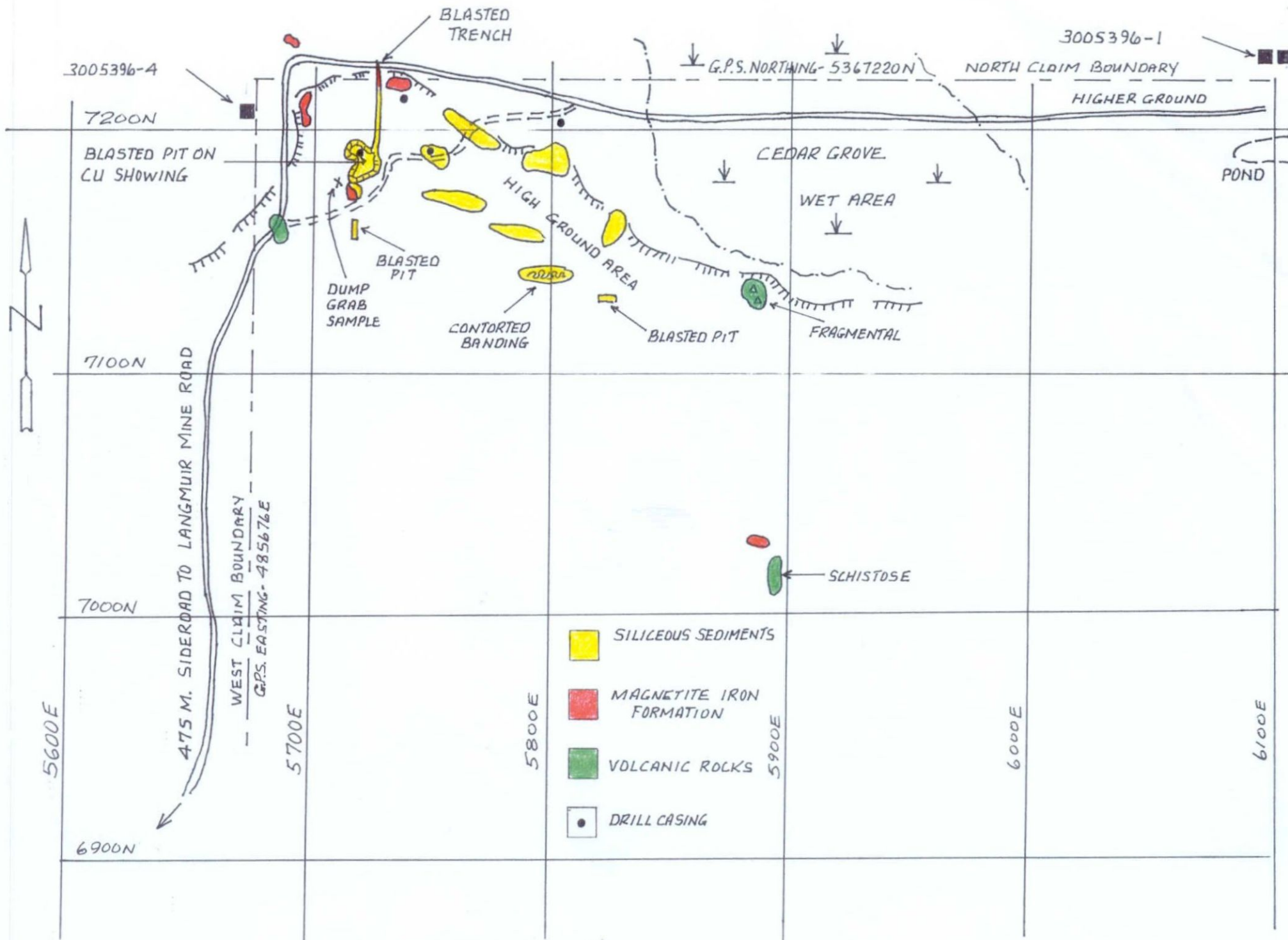
Travel expense:

4 return trips by personal truck from Timmins to property @ 34 km each x \$0.40/km = \$54.40

4 days equivalent rental rate for personal ATC vehicle x \$100/day (going rate) = \$400

Total travel expense = \$454.40 (3)

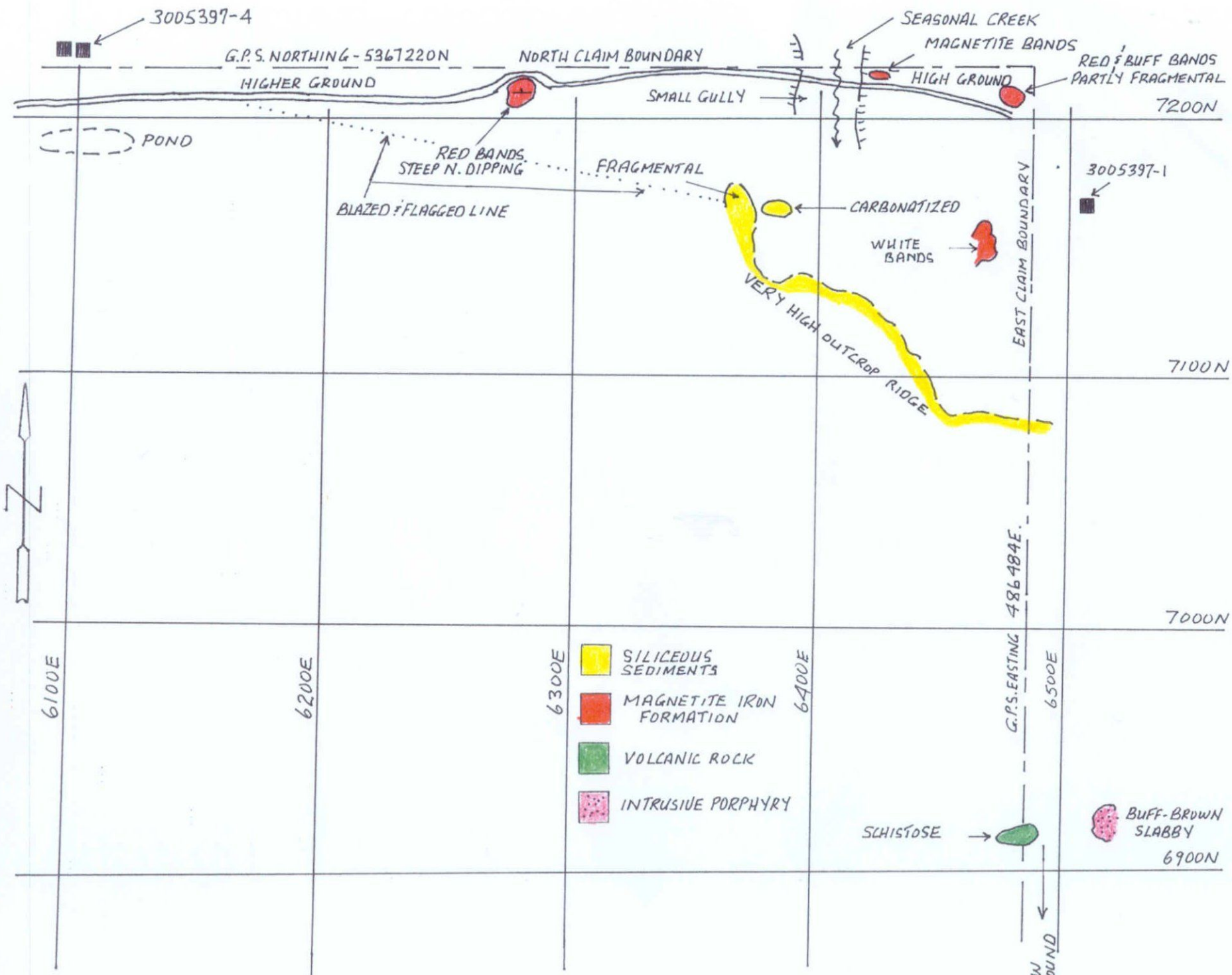
TOTAL EXPENSE CLAIMED = (1 + 2 + 3) = \$1204.40



CROXALL CLAIM # 3005396

SCALE 1CM = 20M

J.E. Carroll
Oct. 17/04



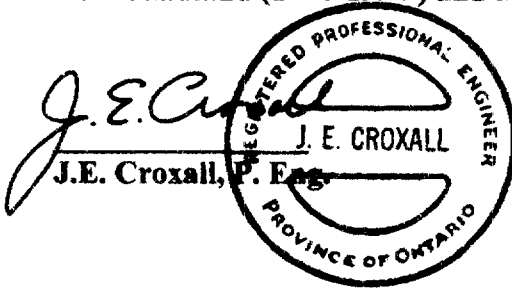
CROXALL CLAIM # 3005397

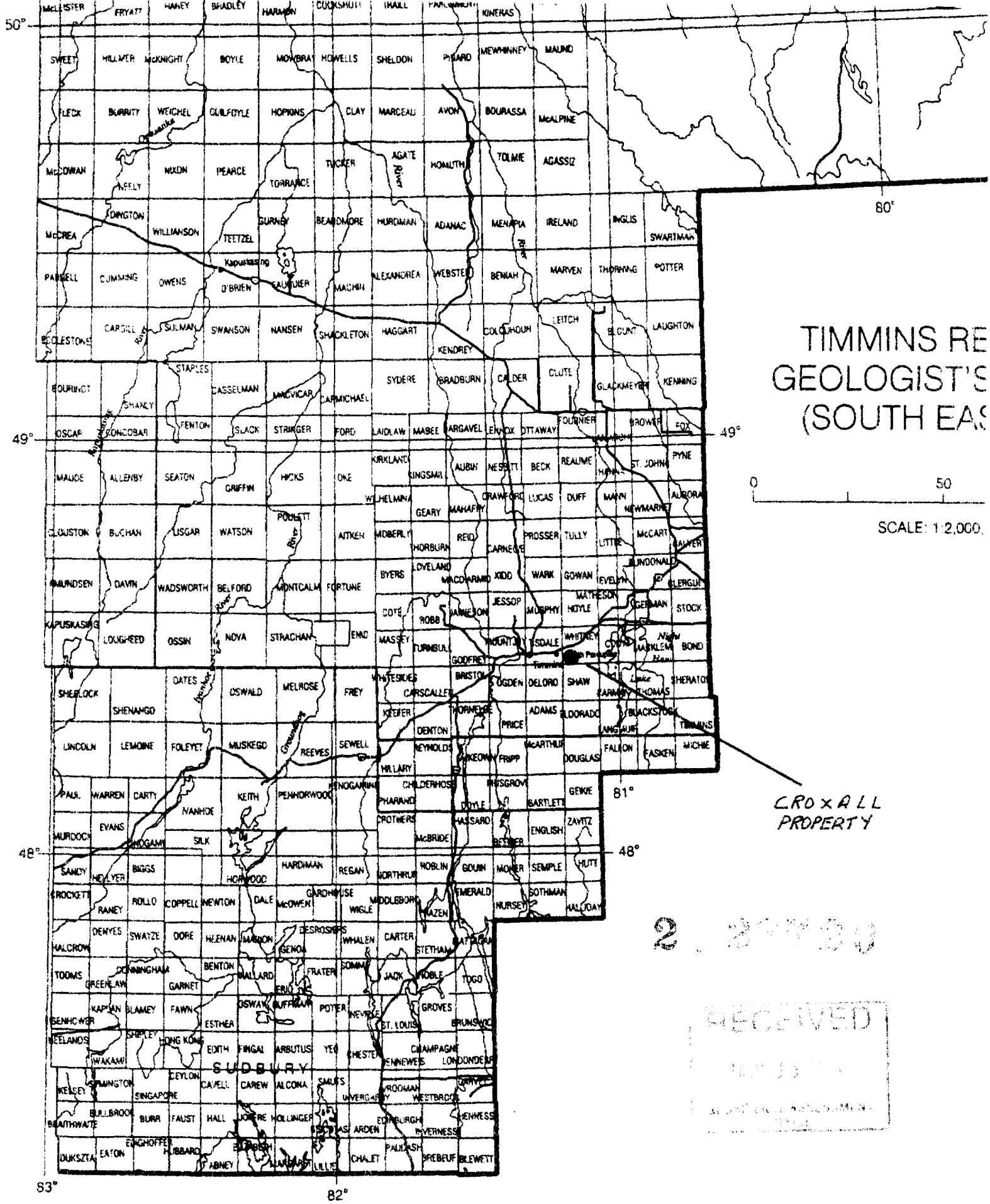
SCALE 1 CM = 20 M

J. E. Coxall
OCT. 17/04

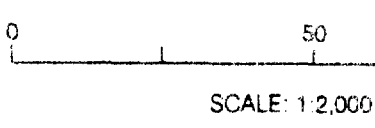
QUALIFICATIONS

- 1) Registered Professional Engineer in the Province of Ontario since January 24, 1974
- 2) Graduate of the Provincial Institute of Mining at Haileybury, Ontario-May 1967
- 3) Graduate of the Michigan Technological University-June 13, 1970 (Mining Engineering)
- 4) Holder of Permanent Prospector's Licence (K-18327 issued May 27, 1974)
- 5) Mine Engineering/Production Supervision at Base Metal and Gold Mines in Ontario and Newfoundland (1970-1994) and Mine Environmental Consulting Engineering (1995-1997)





TIMMINS RE
GEOLOGIST'S
(SOUTH EAST)



CROXALL
PROPERTY

2 20730

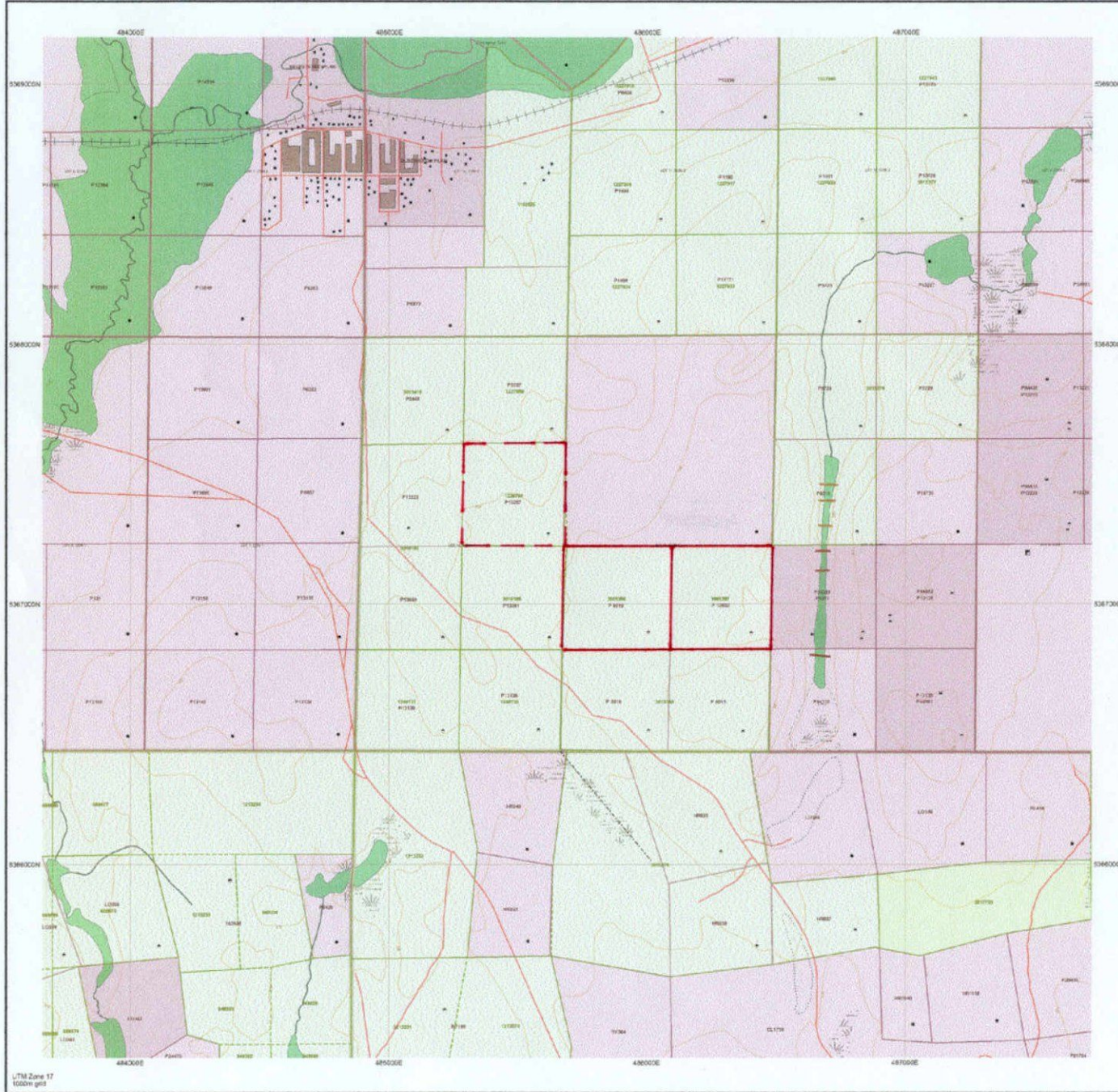
RECEIVED
NOV 15 1950
GEOLOGICAL SURVEY OF CANADA

83°

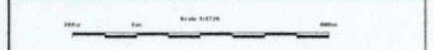
82°

Date / Time of Issue: Tue Nov 02 12:26:28 EST 2004 TOWNSHIP / AREA WHITNEY PLAN G-3975

ADMINISTRATIVE DISTRICTS / DIVISIONS Mining Division Porcupine Land Titles/Registry Division COCHRANE Ministry of Natural Resources District TIMMINS



TOPOGRAPHIC Legend: Administrative Boundary, Water, Contour Line, etc. Land Tenure Legend: Private Land, Public Land, etc. LAND TENURE WITHDRAWALS Legend: Areas Withdrawn, etc. IMPORTANT NOTICES Legend: etc.



2. 50720

General Information and Limitations: This map is not intended for legal purposes. It is for informational purposes only. The Ministry of Northern Development and Mines is not responsible for any errors or omissions. The map is provided as a service to the public and is subject to change without notice.

Work Report Summary

Transaction No: W0460.01725 **Status:** APPROVED
Recording Date: 2004-NOV-04 **Work Done from:** 2004-MAY-01
Approval Date: 2004-NOV-16 **to:** 2004-MAY-16

Client(s):
 122685 CROXALL, JAMES ERNEST

Survey Type(s):
 PROSP

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1226760	\$0	\$0	\$160	\$160	\$0	0	\$0	\$0	2005-NOV-29
P 3005396	\$602	\$602	\$522	\$522	\$80	80	\$0	\$0	2006-NOV-12
P 3005397	\$602	\$602	\$522	\$522	\$80	80	\$0	\$0	2006-NOV-24
	\$1,204	\$1,204	\$1,204	\$1,204	\$160	\$160	\$0	\$0	

External Credits: \$0

Reserve:
 \$0 Reserve of Work Report#: W0460.01725

 \$0 Total Remaining

Status of claim is based on information currently on record.



42A06NE2039 2.28720 WHITNEY

900

Date: 2004-NOV-17

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

JAMES ERNEST CROXALL
152 BROCK AVENUE
TIMMINS, ONTARIO
P4N 7P1 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.28720
Transaction Number(s): W0460.01725

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,



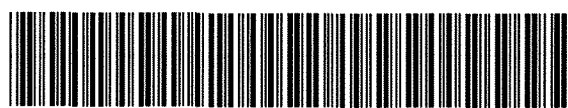
Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

James Ernest Croxall
(Claim Holder)

Assessment File Library

James Ernest Croxall
(Assessment Office)



Date / Time of Issue: Tue Nov 16 16:15:41 EST 2004

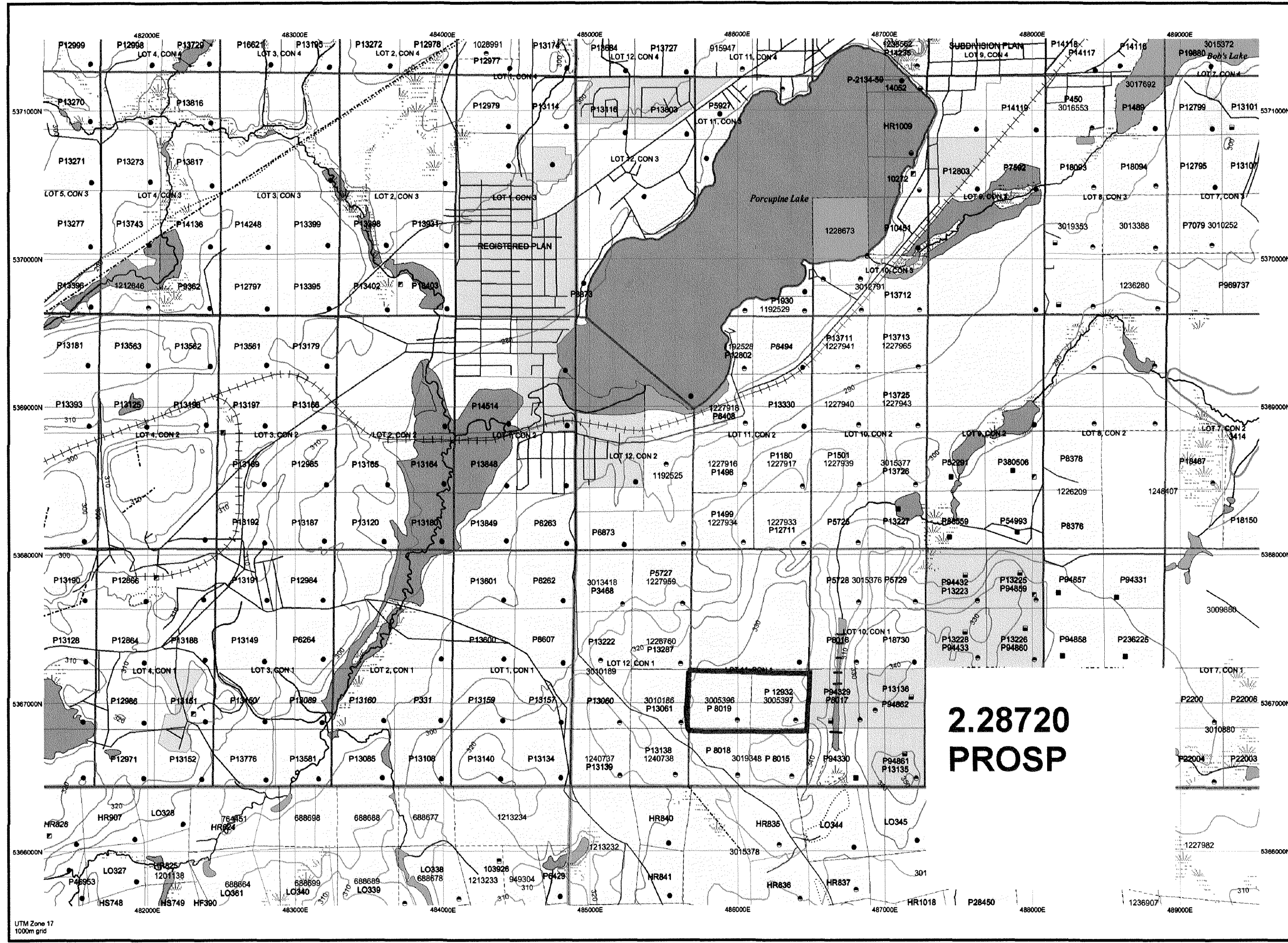
TOWNSHIP / AREA
WHITNEY

PLAN
G-3975

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

Porcupine
COCHRANE
TIMMINS

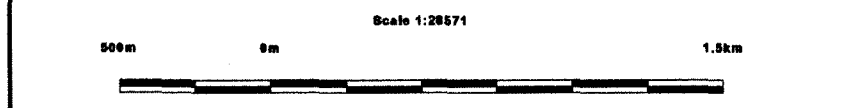
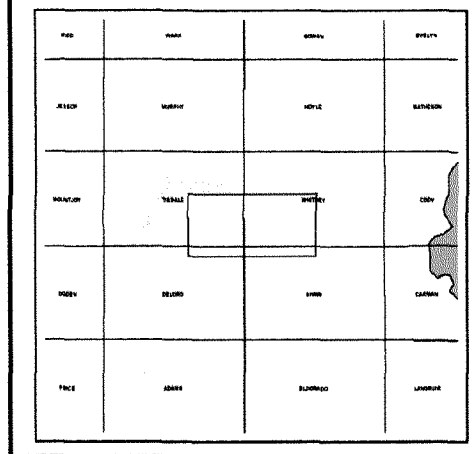


TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation**
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement
 - Mining Claim
 - Filed Only Mining Claims



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
3414	Wsm	Jan 1, 2001	FLOODING RIGHTS RESERVED TO THE CROWN - DUCKS UNLIMIT SEE LAND ROLL FILE

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations
 Contact Information:
 Provincial Mining Recorders' Office
 Willet Green Miller Centre 933 Ramsey Lake Road
 Sudbury ON P3E 6B5
 Home Page: www.mdm.gov.on.ca/MNDM/MINES/LANDS/mismpgpe.htm

Toll Free
 Tel: 1 (888) 415-9845 ext 5777
 Fax: 1 (877) 870-1444

Map Datum: NAD 83
 Projection: UTM (6 degree)
 Topographic Data Source: Land Information Ontario
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land use that restrict or prohibit free entry to stake mining claims may not be illustrated.