

2.23357

Cochrane Project
Churchill Township
Shining Tree Ontario

Prepared for: Pat Rosko
Prepared by: Michael Nemcsok
25 April 02



41P11SE2041 2.23357 CHURCHILL

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Introduction

Mr. Pat Rosko's exploration in southeastern Churchill Township investigates an auriferous quartz vein deposit on claim number L-1242015, approximately five hundred meters northeast of Beilby Lake. The claims numbered L- 1242015, L - 1242018, L- 1242014 form a contiguous block which cover parts of the former Cochrane and Gold Corona occurrences. The scope of this project was to investigate the extents of gold mineralization in an iron rich cherty outcrop and a bordering sulfide-rich quartz vein system. Surface stripping, washing and the excavation of a small pit allowed sampling for assays and mapping of the target area.

Property Location & Access

The three claims involved in this project are located east of Beilby and Perkins Lakes in the southeast quadrant of Churchill Township. Remaining vegetation is predominantly deciduous (alder) and ground condition varies from outcrop to swamp to till. A large portion of the property has been recently harvested by logging operations. A drivable seasonal gravel road north from Highway 560, 5 km east of Shining Tree facilitates entry to the claims by land.

Previous Work

The subject claims have been explored by a variety of prospectors and companies in the last century. The two areas involved in previously reported work are the Gold Corona vein, along the east boundary of claim # L-1242015 and the Cochrane vein centered on claim #L-1242013.

The Cochrane Vein:

“is 1.8m wide where exposed, and consists of black and white chert bands varying from 15 to 30 cm in width (which comprise the Cochrane vein) alternating with magnetite bands 15 cm wide. The strike of the bands is N40W with a dip to the southwest of 75 degrees. Disseminated patches of

pyrite up to 0.6cm across constitute about 30 percent of the iron formation.” (M.W. Carter, OGS Report 190, 1980)

The Gold Corona Occurrence was described by Hopkins as examined in 1919:

“A vein some eight feet wide, and apparently dipping 70 degrees to the west, has been exposed, by trenching, along the east boundary of 3645. The vein has been folded and brecciated, with small offshoots extending out on either side, one of which contains gold. Some of the veinlets in the iron formation also contain visible gold. *A third vein* has a northeasterly strike, and where it passes through the banded iron formation, gold could be seen. The sulphides in the iron band were probably the precipitating agent for the gold.”

The reference to the ‘*third vein*’ may refer to the vein investigated by Mr. Rosko in this project, however insufficient documentation prevents such conclusions to be made decisively.

Some exploratory trench work was identified in the area surrounding the target vein investigated in this project, but vegetation and collapsing trench walls would limit their usability.

Approach

Mechanical stripping, trenching, excavation of a small pit, geological mapping and sampling were done in an attempt to evaluate gold content of a rust-stained cherty formation and a nearby sulfide-rich quartz vein system..

Summary of Work

All work was performed in the eastern half of claim #L-1242015. The work area is outlined in drawing #C-5.

Stripping

Overburden covering the outcrop to the northwest of the vein required that an excavator be used to strip the ground down to bedrock for observation and sampling.

Previous work in the area had stripped a majority of the material from the outcrop, but drainage had washed a portion of the bank material across the outcrop.

Trenching

A trench was excavated (as illustrated in drawing #C-5) to expose a sulfide-rich quartz vein system for examination and sampling.

The exposed vein was drilled and blasted to expose a fresh surface for observation.

Sampling Program

Sampling of vein material and country rock was done throughout the exploration of the area. The source locations for samples taken are illustrated on drawing #C-6.

Specifications of these samples are outlined below:

Swastika Laboratories Assay Number	Sample Date	Sample By	Property	Location	Sample Description	Sampling technique	Assay For	Gold Assay (g/t)	Assay Certificate Number
47565	15/June/01	M. Nemcsok	Cochrane	Rusty country rock: see map	Rusted cherty country rock.	Chip sample ½" deep as illustrated in drawing C-6	gold	0.05	1W-1346-RA1
47566	15/June/01	M. Nemcsok	Cochrane	Rusty country rock: see map	Rusted cherty country rock with minor iron pyrite, <5%.	Chip sample ½" deep as illustrated in drawing C-6	gold	0.06	1W-1346-RA1
47567	15/June/01	M. Nemcsok	Cochrane	Rusty country rock & veining: see map	Rusted cherty country rock.	Chip sample ½" deep as illustrated in drawing C-6	gold	0.11	1W-1346-RA1
47568	15/June/01	M. Nemcsok	Cochrane	Rusty country rock & veining: see map	Rusted cherty country rock with disseminated pyrite patches up to 5 cm across.	Chip sample ½" deep as illustrated in drawing C-6	gold	0.02	1W-1346-RA1
55301	15/June/01	Pat & Tom Rosko	Cochrane	Vein	Qtz with chlorite veinlets throughout	Grab Sample	Gold	11.45	1W-1351-RA1

55302	15/June/01	M. Nemcsok	Cochrane	Rusty O/C south of trench: see map		Chip sample ½" deep as illustrated in drawing C-6	Gold	0.08	1W-1448-RA1
55303	15/June/01	M. Nemcsok	Cochrane	8' section south from south side of mid-width trench		Chip sample ½" deep as illustrated in drawing C-6	gold	0.36	1W-1448-RA1
55304	15/June/01	M. Nemcsok	Cochrane	Chip samples from outcrops along south-heading trench east of main pit.		Chip sample ½" deep as illustrated in drawing C-6	gold	0.71	1W-1448-RA1

Geological Discussions

Field observation and mapping of this vein and surrounding outcrop reveals an area of intense alteration including a parallel vein system with substantial gold mineralization. Widely distributed trace gold content in the country rock combined with economic grades within the vein system suggest the possibility of this deposit continuing to depth as well as the possibility of it extending on strike beyond the area examined in this project.

The inundation of sulfides into the exposed vein and the included gold deposition presents the vein as the most economically interesting feature examined. Its dip is well suited for mining, and hanging wall rock carries gold values, reducing concerns of loss to dilution.

Further exploration should focus on exploration of the vein's continuity on strike and to depth. Investigation of this vein's potential for intersection with the Gold Corona occurrence would also be a topic of great interest for future work in the area.

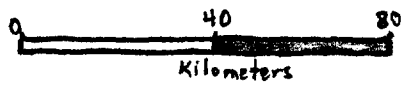
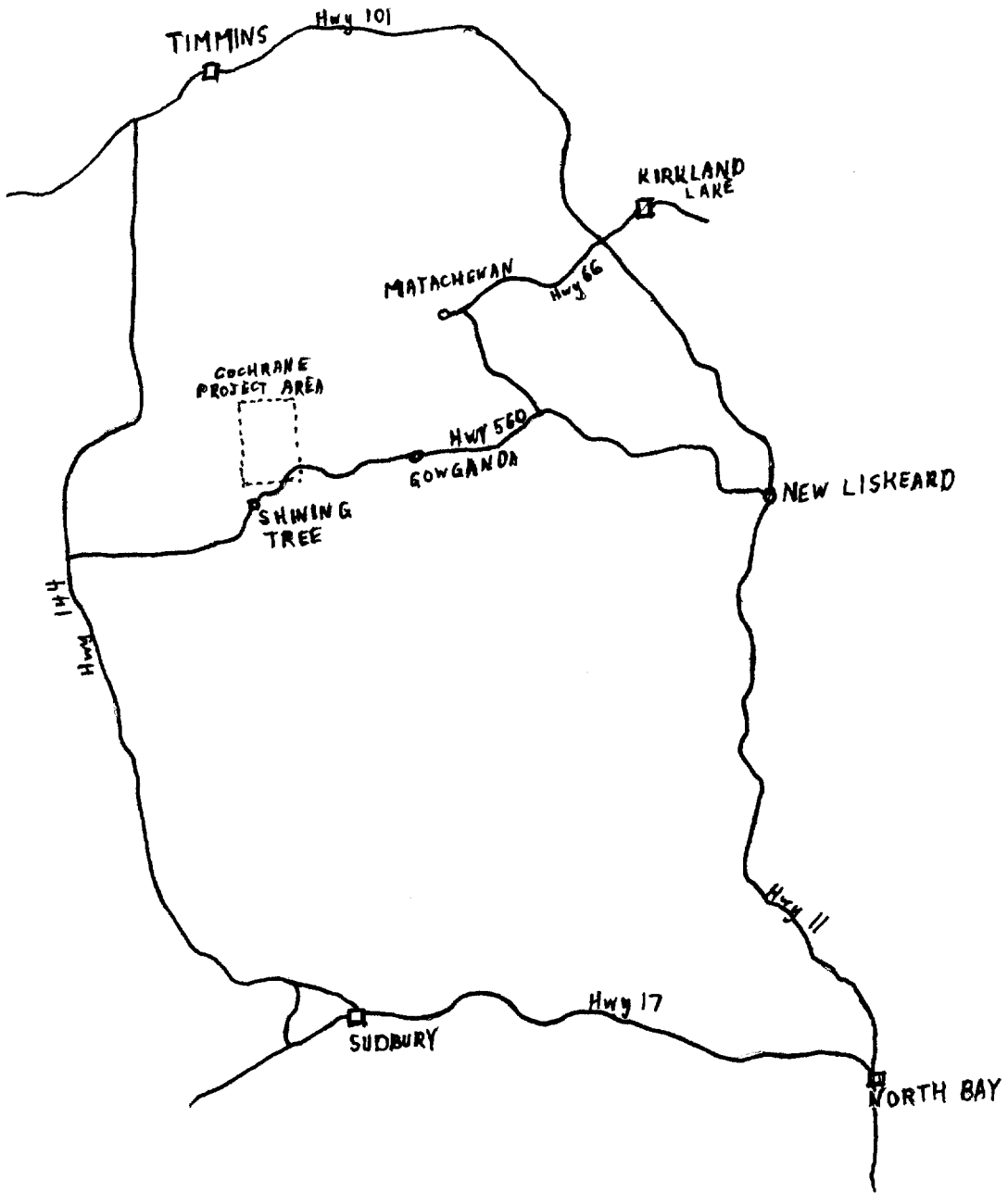
Summary of Findings

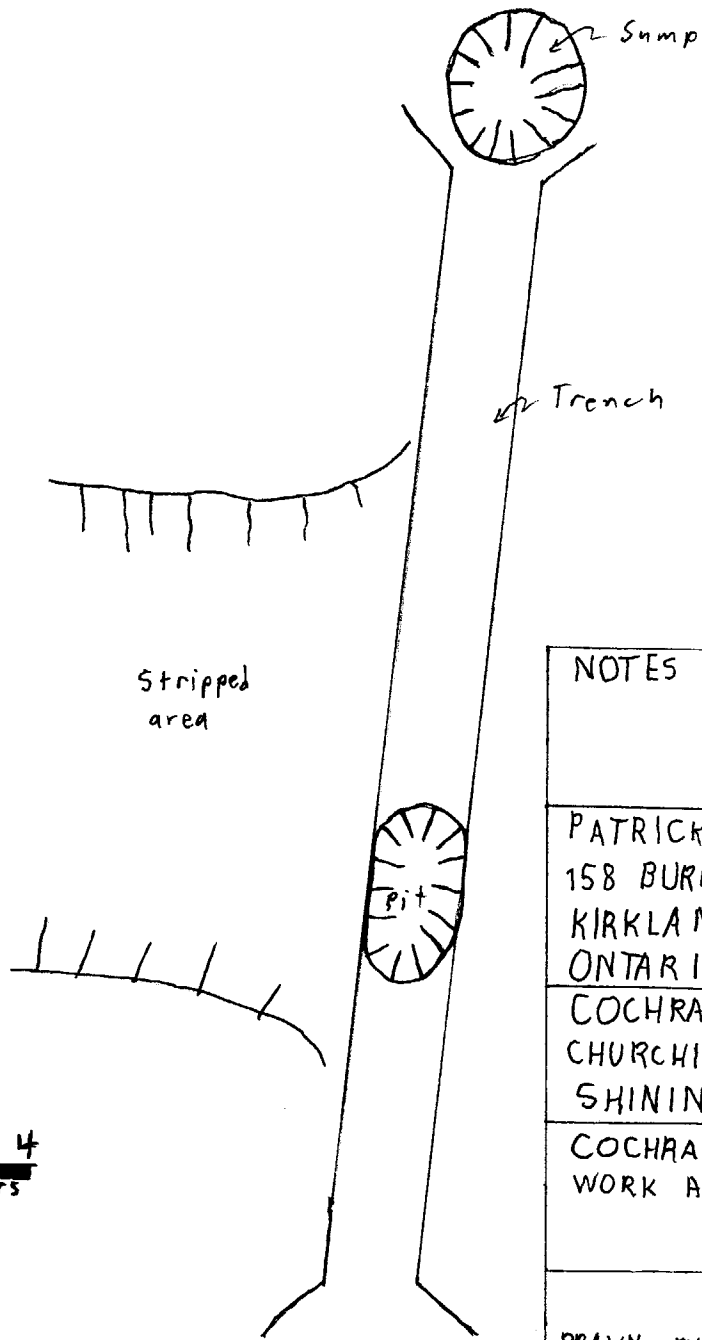
This preliminary examination of the Cochrane Project area has highlighted a gold-bearing deposit of economic grade. Investigation of its continuity, especially if combined with previously reported deposits (Cochrane and Gold Corona veins), could develop this into a claim group of considerable mineral wealth.

Appendix Index

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Map #C-6 (folded map)	C-6

Cochrane Project Area Location Map





0 2 4
meters



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

1W-1346-RA1

Company: **ROSKO MINING**

Date: JUN-20-01

Project:

Attn:

We hereby certify the following Assay of 5 Rock samples submitted JUN-18-01 by .

Sample Number	Au g/tonne	Au Check g/tonne
47565	0.05	-
47566	0.06	-
47567	0.11	0.10
47568	0.02	-
No Number	0.35	0.31

One assay ton used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

1W-1351-RA1

Company: **ROSKO MINING**

Date: JUN-19-01


Project:

Attn:

We hereby certify the following Assay of 1 Rock samples submitted JUN-15-01 by .

Sample Number	Au g/tonne	Au Check g/tonne
55301	11.45	12.07

One assay ton portion used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

1W-1448-RA1


Company: **ROSKO MINING**
Project:
Attn: P. Rosko

Date: JUL-03-01

We hereby certify the following Assay of 11 Rock samples submitted JUN-25-01 by .

Sample Number	Au g/tonne	Au Check g/tonne
47570	0.02	-
47571	47.31	51.43
55302	0.08	-
55303	0.36	-
55304	0.71	-
55305	0.70	-
55306	0.83	-
55307	0.82	0.72
55308	0.57	-
55309	0.84	-
55310	0.08	-

One assay ton used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Churchill Twp. Cochrane Project June 2001
Equipment , Services and Labour Expense Summary

Cost Description	Usage	Rate	Cost
LinkBelt 2200 Excavator	43 hr	90 \$/h	3870
185 Air Compressor	20 hr	30 \$/h	600
Equipment Float	24 hr	110 \$/h	2640
Plugger Drill, hose, steel & bits	8 hr	15 \$/h	120
Blasting Mat	1 day	200 \$/day	200
Honda Pump	4 days	120 \$/day	480
Travel	2695 km	0.3 \$/km	808.5
Assays	8	12 \$/ea	96
Man Power	18 man days	125 \$/day	2250
Report	1	500 \$/ea	500
		Total Project Expenditure	11564.5

Churchill Twp. Cochrane Project June 2001
Equipment , Services and Labour Expense Summary

Equipment Usage Details					
Equipment	Dates	Hours	Operator	Equipment Status/ Repairs	Work Accomplished
LinkBelt 2200 Excavator	11-Jun-01	05:00-21:00	Clint Rosko	In good order, no repairs	Loaded & unloaded equipment from float, improved truck turn-around area.
	12-Jun-01	08:00-16:00	Tom Rosko	In good order, no repairs	Scraped material off of pit floor, prepared sump for pumping.
	13-Jun-01	08:00-16:00	Pat Rosko	In good order, no repairs	Trenched, stripped, placed blast mats.
	14-Jun-01	08:00-16:00	Tom Rosko	In good order, no repairs	Removed blasting mats, removed blasted rock from pit.
	15-Jun-01	10:00-13:00	Clint Rosko	In good order, no repairs	Loaded & unloaded equipment from float.
Total Hours		43			
185 Air Compressor	13-Jun-01	08:00-16:00	Clint Rosko	In good order, no repairs	Drilled and blasted small pit
	14-Jun-01	08:00-16:00	Pat Rosko	In good order, no repairs	Blow piping pit and trench
	15-Jun-01	06:00-10:00	Michael Nemcsok	In good order, no repairs	Blow piping stripped areas for mapping.
Total Hours		20			

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Churchill Twp. Cochrane Project June 2001
Equipment , Services and Labour Expense Summary

Man Power Details						
Worker	Dates	Work Performed				
Tom Rosko	10-Jun-01	Reconnaissance and access evaluation				
	11-Jun-01	Truck Driving: Equipment Float				
	12-Jun-01	Excavator Operator				
	13-Jun-01	Blasting				
	14-Jun-01	Excavator Operator				
	15-Jun-01	Truck Driving: Equipment Float				
Clint Rosko	11-Jun-01	Excavator Operator				
	12-Jun-01	General Labour				
	13-Jun-01	Drilling				
	14-Jun-01	General Labour				
	15-Jun-01	Excavator Operator				
Pat Rosko	10-Jun-01	Reconnaissance and access evaluation				
	11-Jun-01	General Labour				
	12-Jun-01	General Labour				
	13-Jun-01	Excavator Operator				
	14-Jun-01	Blow Piping, Washing				
Michael Nemcsok	15-Jun-01	General Labour: Rigging				
	15-Jun-01	Sampling & Mapping				

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Churchill Twp. Cochrane Project June 2001
Equipment , Services and Labour Expense Summary

Equipment Float	11-Jun-01	05:00-21:00	Tom Rosko	In good order, no repairs	Delivered excavator, compressor, blasting mats, fuel, pump, hose, drills from Kirkland Lake to Churchill Twp.
	15-Jun-01	07:00-15:00	Tom Rosko	In good order, no repairs	Delivered excavator, compressor, from Churchill Twp. to Kirkland Lake.
Total Hours		24			
Plugger Drill	13-Jun-01	08:00-16:00	Clint Rosko	In good order, no repairs	Drilled and blasted small pit
Total Hours		8			
Blasting Mat	13-Jun-01		Tom Rosko	In good order, no repairs	Blasted small pit
Total Days	1 Day				
Honda Pump	12-Jun-01		Clint Rosko	In good order, no repairs	Pumped trench
	13-Jun-01		Pat Rosko	In good order, no repairs	Pumped sump
	14-Jun-01		Pat Rosko	In good order, no repairs	Pumped sump
	15-Jun-01		Michael Nemcsok	In good order, no repairs	Washed outcrop
Total Days	4 days				

Work Report Summary

Transaction No: W0280.00642 Status: APPROVED
Recording Date: 2002-MAY-07 Work Done from: 2001-JUN-01
Approval Date: 2002-MAY-15 to: 2002-MAY-01

Client(s):
189297 ROSKO, PATRICK ARTHUR

Survey Type(s):

ASSAY GEOL PSTRIP

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L 1242013	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2008-JUN-02
L 1242014	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2008-JUN-02
L 1242015	\$11,564	\$11,564	\$2,400	\$2,400	\$4,800	4,800	\$4,364	\$4,364	2008-JUN-02
	\$11,564	\$11,564	\$7,200	\$7,200	\$4,800	\$4,800	\$4,364	\$4,364	

External Credits: \$0

Reserve:

\$4,364 Reserve of Work Report#: W0280.00642

\$4,364 Total Remaining

Status of claim is based on information currently on record.



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Date: 2002-JUN-20

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

PATRICK ARTHUR ROSKO
158 BURNSIDE DRIVE
KIRKLAND LAKE, ONTARIO
P2N 1M7 CANADA

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

Submission Number: 2.23357
Transaction Number(s): W0280.00642

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 STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Patrick Arthur Rosko
(Claim Holder)

Assessment File Library

Patrick Arthur Rosko
(Assessment Office)



MINISTRY OF
NORTHERN DEVELOPMENT
AND MINES
PROVINCIAL MINING
RECORDERS' OFFICE

**MINING LAND TENURE
MAP**

Date / Time of Issue Jan 21 2002 13:00h Eastern

TOWNSHIP / AREA PLAN

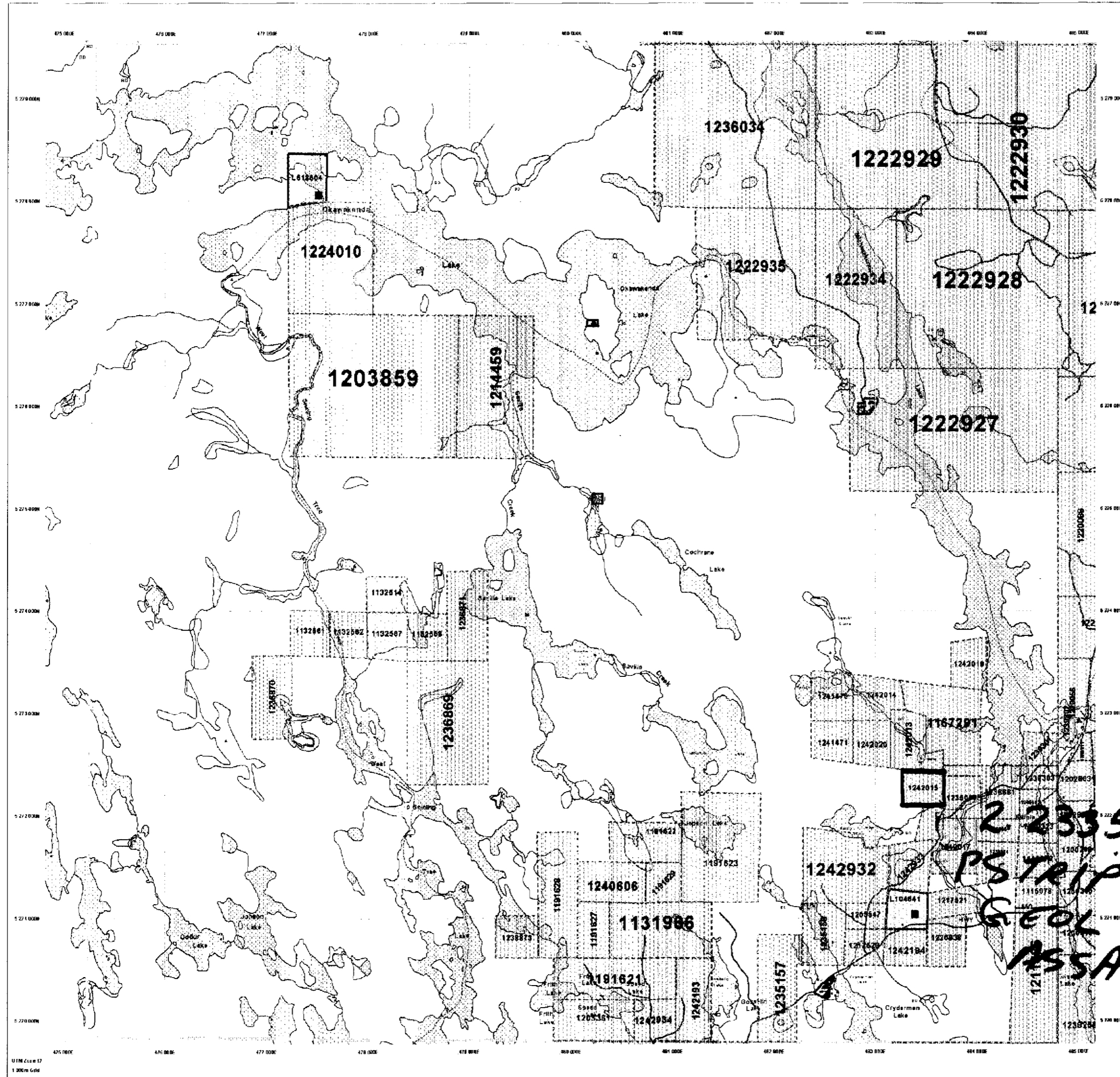
CHURCHILL G-3210

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division Larder Lake

Land Titles/Registry Division SUDBURY

Ministry of Natural Resources District TIMMINS



TOPOGRAPHIC

- Administrative Boundary
- Township
- Geographical Line
- Section Boundary
- Lot Boundary
- Contour (Approximate/DEM)
- Lake
- Mine Headframe
- Pipeline
- Road
- Trail
- Meteorological Feature
- Mine Line
- Communication Line
- Wooded Area
- Boundary (Cadastral, Historical, etc.)

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
- License of Occupation
 - Leasehold Patent
 - Surface and Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Land Use Easement
- Order in Council
- Water Power Lease Agreement

LAND TENURE WITHDRAWALS

- Area Withdrawn from Disposition
 - Surface and Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Order in Council Withdrawal Type
 - Surface and Mining Rights
 - Surface Rights Only
 - Mining Rights Only

IMPORTANT NOTICES

- Important Notice

LAND TENURE WITHDRAWAL DESCRIPTIONS

Withdrawal	Date	Description
4130	1997	4037: SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS

IMPORTANT NOTICES

Please refer to each notice's requirements, limitations or conditions and the effect thereof on existing, pending and potential development activities.



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PSTRIP
GEOLOGICAL
ASSAY

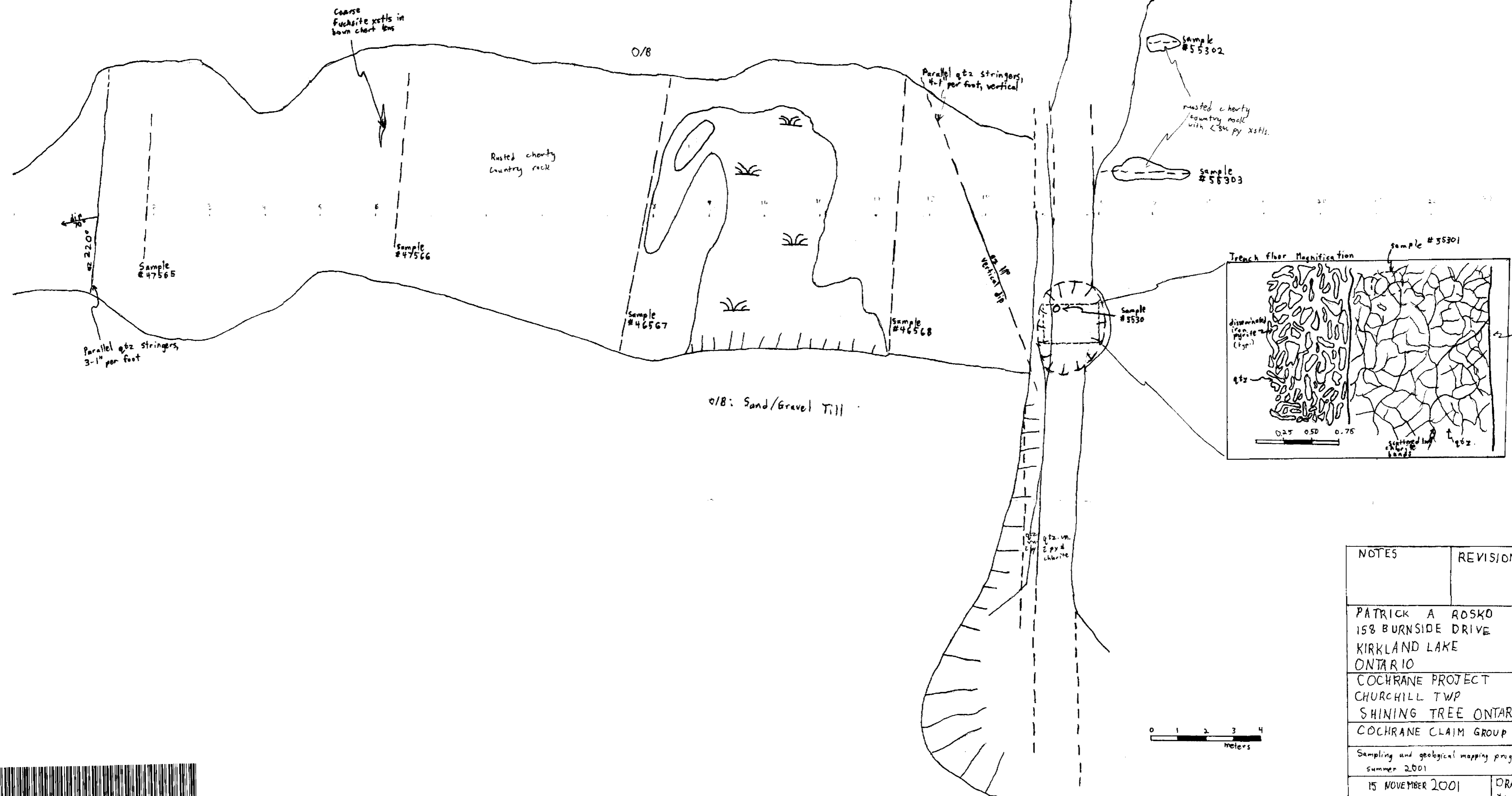
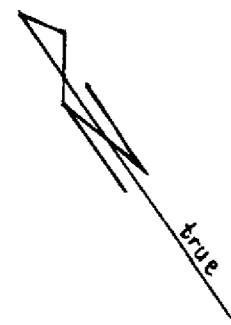
This mining to some extent claims should consult with the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown herein. This map is not intended for navigation, survey, or for other determination purposes as the information on this map is compiled from various sources. Computations and accuracy are not guaranteed. Additional information may also be obtained through the Provincial Mining Recorder's Office, or the Ministry of Natural Resources.

General Information and Limitations

CONTACT INFORMATION:
Provincial Mining Recorder's Office
Ministry of Northern Development and Mines
233 Ramsey Lakeshore
Sudbury, ON P3E 0G2
Home Page: www.gov.on.ca/MNR/MINES/MSR/Sudbury.htm

Map Datum: NAD 83
Projection: UTM (18N 48Q)E
Township: 24N 18W
Mining Land Tenure Source: Provincial Mining Recorder's Office

This map is not to be used for unlicensed land tenure and interests in land including certain permits, licenses, easements, rights of way, rights of way, licenses, or other terms of disposition of rights and interests from the Crown. Also, certain land tenure and interests may not be shown or provide true or accurate information. Mining claims may not be shown.



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NOTES	REVISIONS
PATRICK A ROSKO 158 BURNSIDE DRIVE KIRKLAND LAKE ONTARIO COCHRANE PROJECT CHURCHILL TWP SHINING TREE ONTARIO COCHRANE CLAIM GROUP	
Sampling and geological mapping program summer 2001	
15 NOVEMBER 2001 DRAWN BY Michael Nemcsok	DRAWING # 6 C 6

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