

INTRODUCTION:

The purpose of this report is twofold. Firstly, it is submitted to meet the requirements and supporting documentation to qualify for the Ontario Prospectors Assistance Program 1991 (OPAP). Secondly, it is submitted with a personal and comprehensive interpretation of the results of a geophysical program carried out on a group of mining claims in Keith Township, Porcupine Mining Division, Timmins, Ontario. The property in question is held by 5 individuals, namely: Roger Denomme, Michael Caron, Denis Morin, George Ross and Frederick Ross.

The objective of the geophysical survey was to verify and delineate the existence of several airborne anomalies indicated on Ontario Government Airborne maps released on October 5, 1990.

LOCATION AND ACCESS:

The property consists of 36 contiguous mining claims located in the south western section of Keith Township, west of Horwood Lake. Horwood Lake is situated approximately 115 kilometers from Timmins via Highway 101 west and 35 kilometers from the village of Foleyet or 60 air miles from Timmins.


Access to the claim block is ideal year round. Foleyet Timber Ltd. maintains an all weather road that connects with Highway 101 approximately 12 km east of Foleyet. This main all-weather gravel road traverses the Swayze Greenstone Belt and connects with the Sultan road to the south. The claim group is 21 km south from the junction of Highway 101 and the gravel road. The writer's cottage is also ideally located on Groundhog Lake, approximately 42 km from the claim group.

CLAIM GROUP:

The 36 contiguous mining claims in Keith Township are as shown on the accompanying claim map outlined in red. The claims were recorded during October 1990, they are in good standing until October 1992 and are still recorded in the names of the original claim stakers. The property was staked initially on the perception that a favourable stratigraphic horizon hosting massive sulphides would be located.

REGIONAL GEOLOGY:

The most recent report covering the area dates back to 1971 prior to having road access and also before timbering operations, more or less, devastated the countryside. Reference is made to Ontario Geological Survey Report 169 released in 1978 and includes map 2329 "Geology of Horwood Lake", Sudbury District.



Conversely, base metal could take precedence here since the property largely occupies territory situated between two sulphide occurrences. Although there is no evidence to support this far-reaching theory and on the strength of all other considerations, the structural composition of the area is perceived as favourable to either commodities. Geophysics, on the other hand, seem to have de-emphasized the strategraphic relationship between the two "showings" but rather trace a conductive horizon of independent EM responses not related to the occurrences. The primary exploration difference between gold and base metal prospects in the area is that gold does not require strategraphic control, only a strong structural deformation zone. (mis. paper 42, D.R. Pyke, 1975).

LINECUTTING PROGRAM

The base line was turned off near the main gravel road L-0 at 120° Azimuth SE, cut by chain saw and chained for a distance of 3,250meters to the shore of Horwood Lake. Similarly, this base line was extended NW to a flooded creek at 500meters. The property was cross-graded using a line spacing of 200 meters initially and 100 meters later. Stations were chained and picketed at 25 meter intervals north and south of the main base line for a total mileage of 31 km. The purpose of a cut grid is to provide accurate control for geophysical surveys and follow-up detailed mapping and diamond drilling where warranted.

GEOPHYSICAL SURVEYS

Three types of survey have been conducted employing: a Total field magnetic survey, a VLF electromagnetic survey and a standard horizontal loop electromagnetic survey using the Apex Maxmin II, with varying frequencies.

MAGNETIC SURVEY:

This survey was completed using a Scintrex MP-2 model, Serial No. 804343. Specifications for this system can be found in Appendix "B" of this report.

This instrument is quite compact, rugged and reasonably accurate. It is specifically designed for field operation.

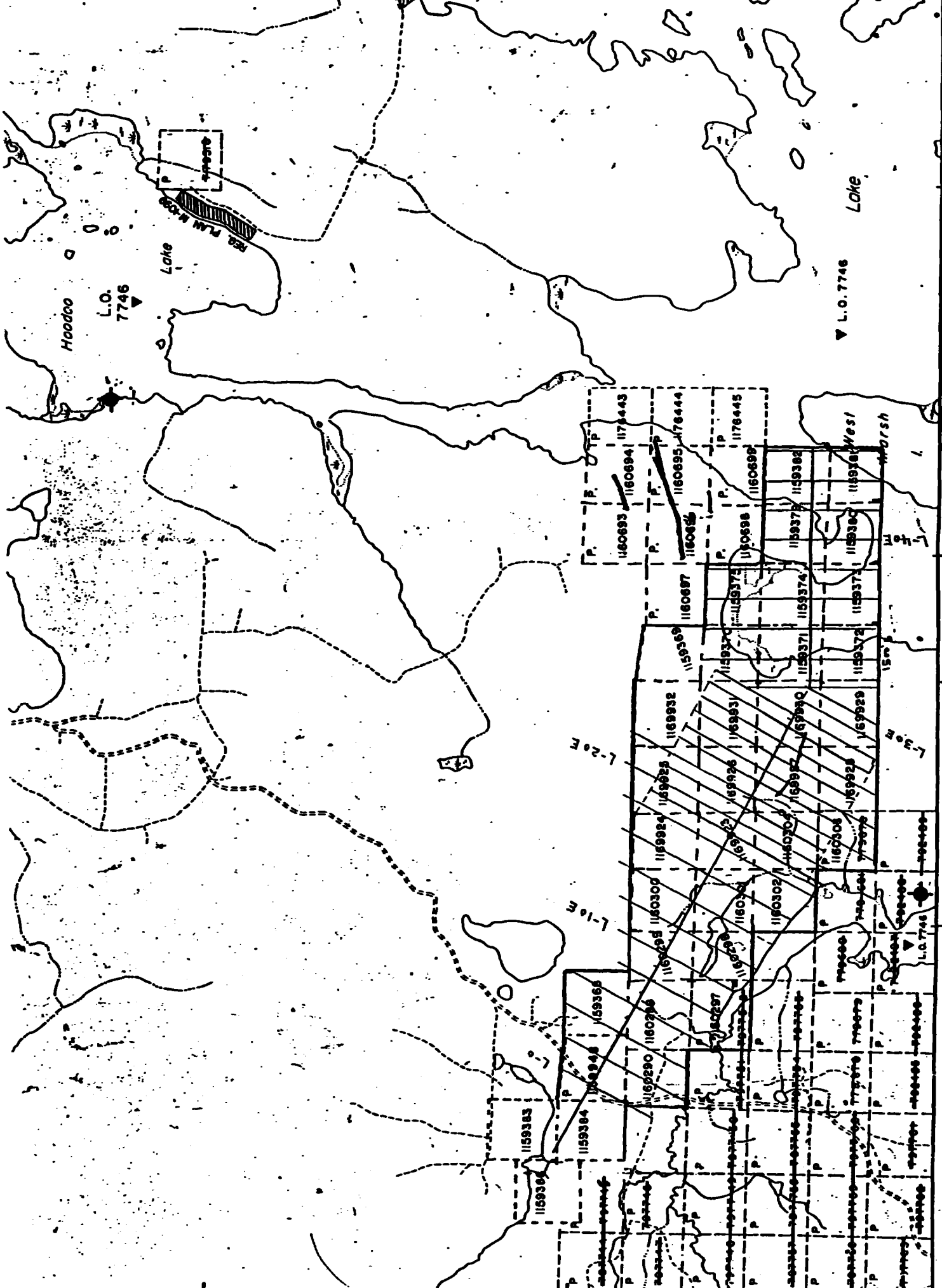
For this project, a reference field of 58,000 gammas was used as background throughout the entire survey. In the end, the 58,000 gammas background was removed from each station for plotting purposes and ease of presentation on a map. The data is contoured at 100 gamma interval for easy interpretation. This magnetic contour map is included in the back pocket of this report. Total number of readings taken is 646 which translates into 18.6 kms.

KEITH TWP

PROJECT AREA	DATE	WORK PERFORMED
CORNICE CREEK	SEPT-25-91	START BASE LINE EAST OF ROAD
	OCT-1-91	PROSPECT EAST OF ROAD ON BASELINE NORTH AND SOUTH OF BASE LINE NO O/C SEEN HEAVY SAND OVER BURDEN
	OCT-3-91	CUTTING BASE LINE EAST OF ROAD LOTS OF BLOW DOWN GROUND LOW AND SWAMPY.
	OCT-4-91	CUTTING BASE LINE EAST OF ROAD BLACK SPRUCE BLOW DOWN VERY DIRTY NO O/C SEEN
	OCT-6-91	PROSPECT BASE LINE WEST OF ROAD HEAVY SAND OVERBURDEN SMALL SACK PINE. NOT EVEN ANY FLOAT MATERIAL IN FILL.
	OCT-8-91	CUT BASE LINE WEST OF ROAD ALL LOW GROUND STOP AT AREA FLOODED BY BEAVERS CANNOT GO FURTHER
	OCT-9-91	CUT BASE LINE EAST OF ROAD NOW INTO HIGHER GROUND POPLAR BIRCH NO O/C SEEN
	OCT-10-91	CUT AND CHAIN BASE LINE TO LINE 26 WALK TO HORWOOD LAKE NO O/C SEEN
	OCT-12-91	PROSPECT SOUTH OF BASE LINE BETWEEN LINE 20 + 26 EAST TO FIND STRONG AIR BORNE CONDUCTORS NO O/C SEEN SMALL HILLS OF SAND AND CLAY.

KEITH TWP

PROJECT AREA	DATE	WORK PERFORMED
CORNICR CREEK	OCT-17-91	CUTTING GRID LINES EAST
	OCT-18-91	CUTTING GRID LINES EAST
	OCT-19-91	CUTTING GRID LINES EAST
	NOV-7-91 →	RUN MAX-MIN WITH MIDE
	NOV-8-91 →	CADDON - LINE - 0 - 2E - 4E - 6E 7E - 8E ALL SOUTH OF BASE LINE
	NOV-9-91	DO MAX-MIN
	JAN-11-92	MAG SURVEY
	JAN-12-92	MAG. SURVEY
	JAN-13-92	MAG SURVEY.
	JAN-25-92	MAG-SURVEY
	JAN-26-92	MAG-SURVEY



Hoodco
L.O.
7746

Lake

REG. PLM. N. 103

L.O. 7746
Lake

L-20 E

L-10 E

L-30 E

L-10 E

L-10 E

L-10 E

7.5M

6.0M

4.5M

HORWOOD TWP

DAILY LOG - PROSPECTING.



42801NE0030 OP91-242 MALLARD

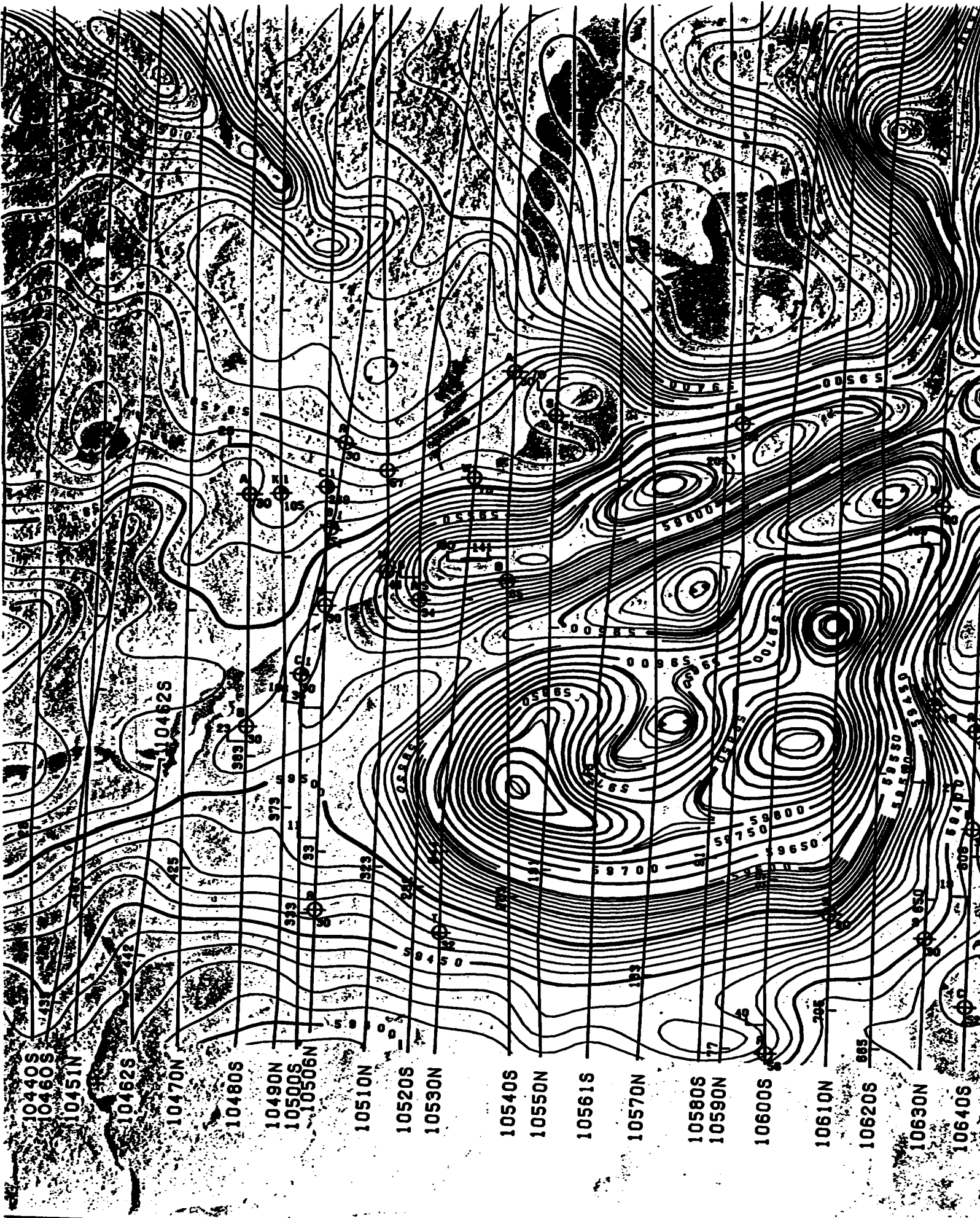
020

<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>
RANEY, TWP.	Aug 20/91	DROVE TO RANEY TWP with PARTNER GEO ROSS. WE SPENT 2 DAYS TRYING TO FIND WHAT WAS CAUSING ANOMALIES SHOWN ON AIRBORN (photo) ALTHO WE FOUND A LOT OF OUTCROPPING (MOSTLY GRANITES) WE COULD NOT LOCATE ANY ROCK WHICH WAS CAUSING THESE ANOMALIES.
& CROCKETT, TWP	Aug 21/91	

LOCATION

MAP ATTACHED.

AIRBORN PHOTO ATTACHED.





PROJECT AREA	DATE	WORK PERFORMED
HEENAN TWP	APRIL-20-91	SPENT DAY PROSPECTING IN HEENAN TWP. ALONG WEST SIDE OF HEENAN CREEK. PLENTY OF OUTCROPS. ROCK TYPE IS PORPHYRITIC? LARGE QUARTZ VENS THROUGHOUT ROCK. NO SAMPLES TAKEN
	APRIL-21-91	PROSPECTING SAME AREA AS DAY BEFORE. FIND OUTCROP 1/2 MILE WEST OF CREEK. OUTCROP HAS SIX QUARTZ CARB VENS FROM TWO INCHES TO SIX INCHES WIDE. VENS DIP VERY STEEP TO WEST. TRACE BY HAND STIPPING FOR 30'. NEEDS TO BE TRENCHED.
	MAY-11-91	TAKE PLUGGER TO HEENAN CREEK TO TRENCH SMALL QUARTZ CARB VENS FOUND ON APRIL 21. PUT TWO EIGHT FT TRENCHES ACROSS VENS. MINOR PYRITE, CARCOPHYRITE, PYRRHOTITE. SIX SAMPLES TAKEN

PROSPECTING DAILY LOG

**PROJECT AREA
HEENAN TOWNSHIP
WIDE RANGE PROSPECTING, E.B.EDDY FOREST ROAD HEENAN TOWNSHIP.**

DATES

WORK PERFORMED

MAY 18/91

**PROSPECTED SEVERAL OUTCROPS IN HEENAN TOWNSHIP
NO SAMPLES TAKEN.**

MAY 19/91

**DRILLED, BLASTED AND SAMPLE LARGE OUTCROP
AJACENT TO SIDE ROAD OFF MAIN LOGGING ROAD
6 SAMPLES TAKEN**

JULY 14/91

**PROSPECTED AT THE TOP END OF HEENAN MAIN LOGGING
ROAD, SAMPLED AND BLASTED OUTCROP.**

DESCRIPTION OF SAMPLES

SAMPLE NO.	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAY RESULTS
H1	2 FT. CHIP	QUARTZ 30% PORPHYRY 70%	MINOR SULPHIDES	0.004 AU.
H2	2 FT. CHIP	QUARTZ	MINOR SULPHIDES	0.011 AU.
H3	GRAB	QUARTZ	1% PYRITE	0.008 AU.
H4	GRAB	QUARTZ 80%	MINOR SULPHIDES	NIL
H5	CHIP	CARB. QUARTZ	1% PYRITE	0.006 AU.
H6	2 FT. CHIP	QUARTZ 60% PORPHYRY 40%	MINOR SULPHIDES	TRACE AU.
H1	GRAB	CARB QUARTZ	2% PYRITE	TRACE AU.

RECOMMENDATIONS

**MORE WIDE RANGE PROSPECTING AFTER AREA HAS BEEN CUTOVER.
THIS WILL ALLOW MORE ACCESS AND EXPOSE MORE OUTCROPS**

HEENAN TOWNSHIP

LOCATION AND ACCESSIBILITY

PROSPECTING WAS CONCENTRATED ON IN THE NORTH EAST QUADRANT OF HEENAN TOWNSHIP.

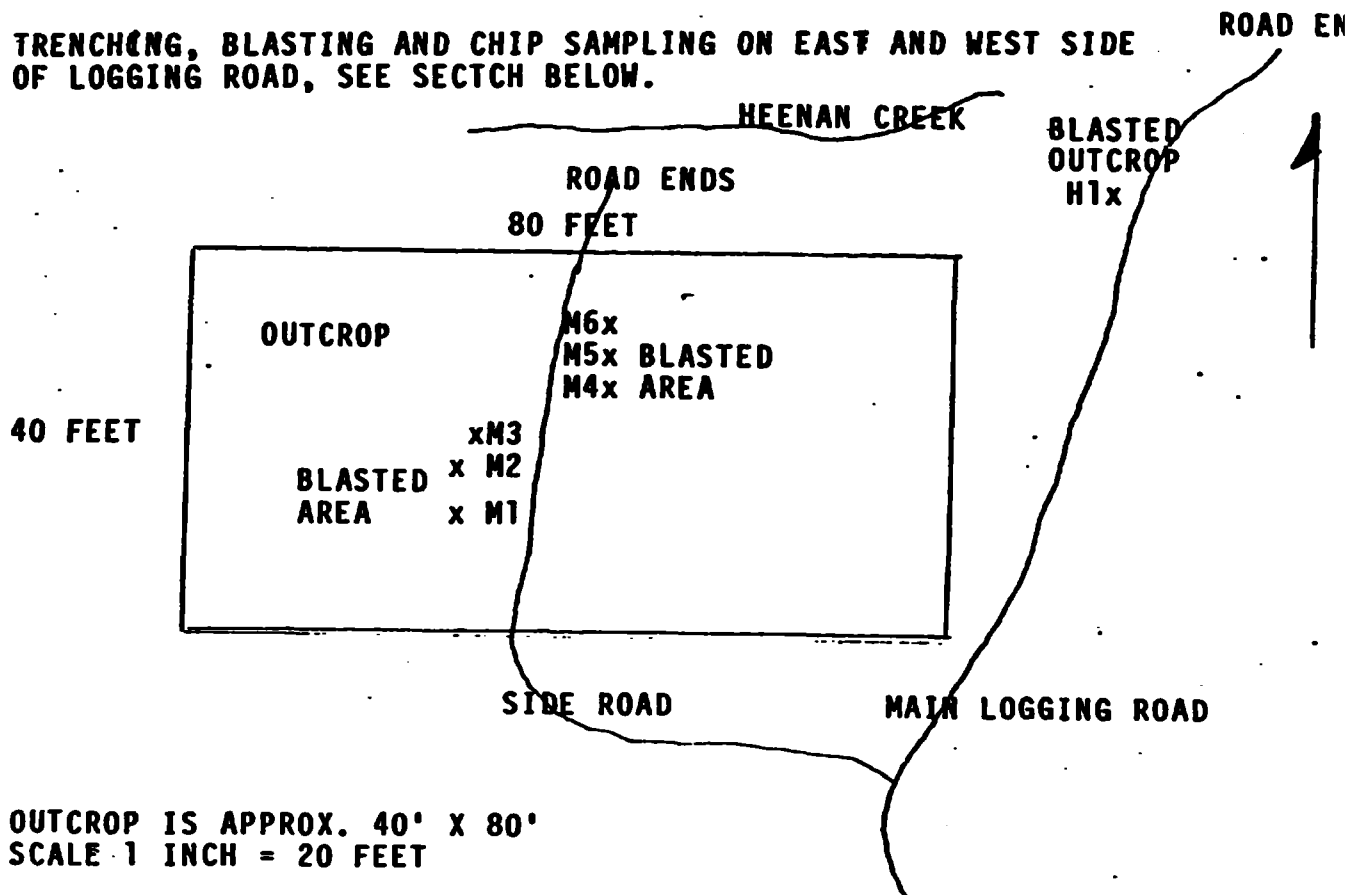
VEHICULAR ACCESS TO HEENAN TOWNSHIP IS READILY GAINED FROM TIMMINS VIA HIGHWAY 101 TO THE INTERSECTION OF THE FOLEYET TIMBER LOGGING ROAD IN MUSKEGO TOWNSHIP, APPROX. (95 KM.). YOU THEN GO SOUTH ON THE MAIN LOGGING ROAD THROUGH MUSKEGO, KEITH, SILK, WHIGHAM, COPPELL, DORE AND INTO GARNET TOWNSHIP. THIS IS WHERE THE FOLEYET TIMBER LOGGING LIMITS STOP AND YOU ARE NOW ENTERING THE E.B.EDDY LIMITS IN GARNET TOWNSHIP. YOU TAKE THE MAIN LOGGING GOING NORTH AND THIS WILL TAKE YOU UP TO THE NORTH END IN HEENAN TOWNSHIP, APPROX. (90 KM.). ROUND TRIP IS 370 KM.

PROSPECTING WAS CARRIED OUT IN A LARGE CLEAR CUT AREA ALONG SIDE ROADS, PROSPECTING, DRILLING, BLASTING AND SAMPLING WAS DONE ON OUTCROPS AJACENT TO ROAD WAY.

LOCAL GEOLOGY

METAVOLCANICS - PORPHYRITIC FLOWS, QUARTZ - FELDSPAR PORPHYRY.

TRENCHING, BLASTING AND CHIP SAMPLING ON EAST AND WEST SIDE OF LOGGING ROAD, SEE SECTCH BELOW.



Rollo Proj.



42B01NE0030 OP91-242 MALLARD

040

PROJECT AREA
Rollo Twp

DATE
APRIL 16-91

WORK PERFORMED

PROSPECTING NORTH OF ROLLO LAKE WITH D. MOYIN. THIS AREA HAS BEEN HOGGED AND SCARIFIED. THE AREA GEOLOGY IS CONTACTS BETWEEN THE GRANITES AND BASALT. NO SIGN OF MINERALIZATION OR ALTERATION. NO SAMPLES TAKEN.

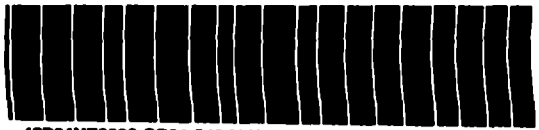
APRIL 18-91
APRIL 19-91

PROSPECTING WEST SIDE OF ROLLO LAKE GOOD ROCK EXPOSURE CREATED BY MECHANICAL HOGGING AND SCARIFYING. MOSTLY GRANITE WITH BASALT CONTACTS. GREENSTONE IS VERY TIGHT. NO SIGN OF CARB. ALTERATION OR FAULTING. NO SAMPLES TAKEN.

Rollo Sup. Prospecting

a total of three days were spent prospecting the Rollo Lake area as marked on the map. The ground has been logged and mechanical stepped. Many rock exposures have been uncovered by this process. Detailed prospecting has taken place by myself and Partner Lewis Moun, in these areas. The area consists of Basalts in contact with granite. No evidence of shearing or faulting or carbonates were observed. The Basalts show up to 20% granite in them near the contacts. No samples were taken because of the lack of quartz veins or mineralization. NO further work is planned for this area.

Geophysical



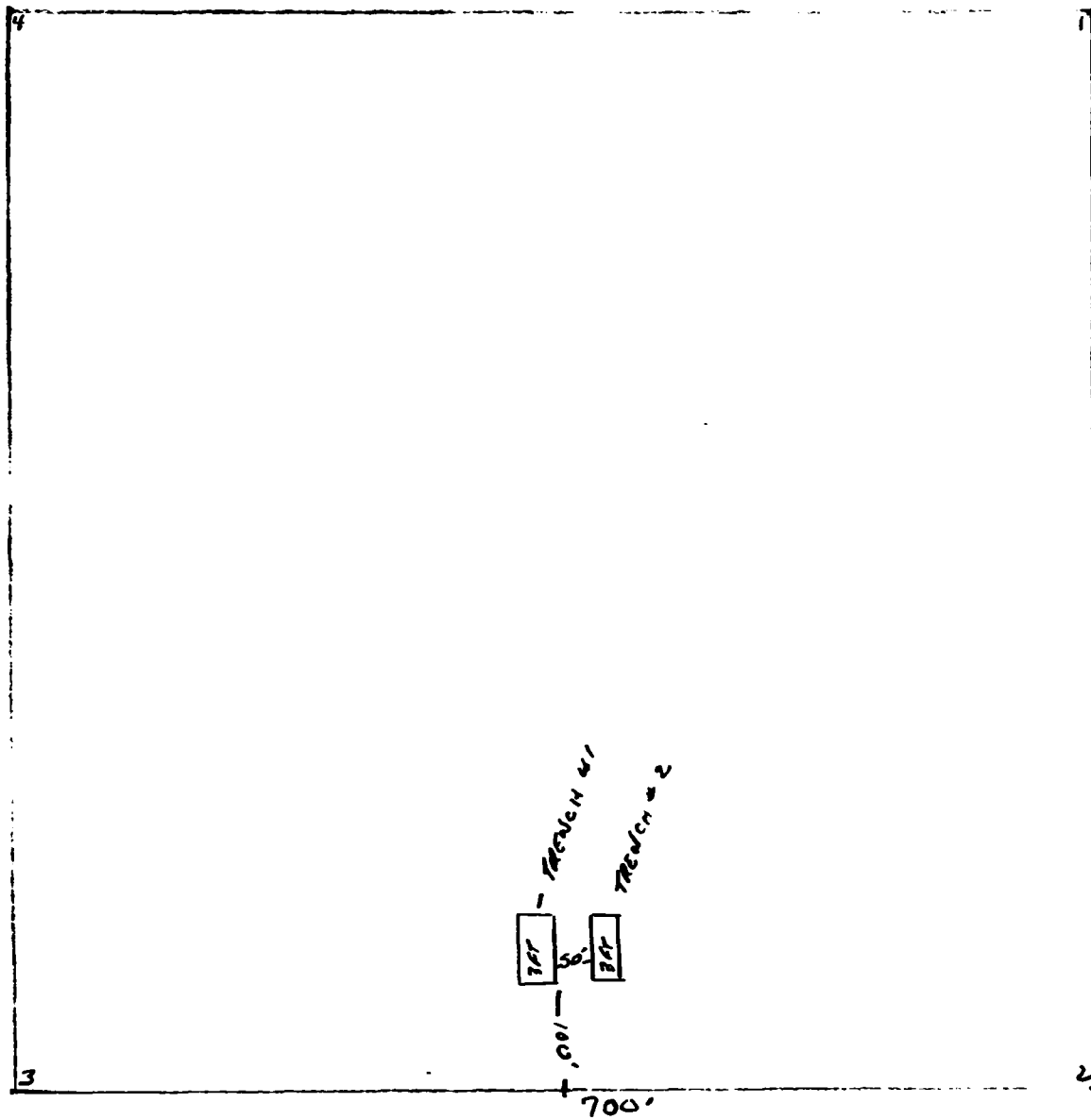
GARNET TWP PROJECT

PROJECT AREA	DATE	WORK PERFORMED
GARNET TWP	MAY-7-91	PROSPECTING GARNET TWP WITH D. MARIN FIND LARGE SHEAR ZONE SOUTH OF SEPTEMBER LAKE. FIND TWO QUARTZ VENS TRACE 30° STRIKE EAST WEST
	MAY-8-91	BLAST TWO TRENCHES ACROSS VENS. TAKE TAKE 3 SAMPLES #1 VEN BARRON #2 VEN 190 PYRITE MINOR CALCOPYRITE
	MAY-9-91	STAKE ONE CLAIM COVERING SHEAR ZONE
	MAY-12-91	PROSPECTING ALONG EAST PART OF CLAIM 1158340 GARNET TWP TAKE THREE SAMPLES
	MAY-13-91	FIND QUARTZ VEN ON CLAIM 1177544 GARNET TWP ALONG SOUTH BOUNDARY TRACE WITH GRUB HOE FOR 15 FT. VEN 1 1/2 FT WIDE VERY RUSTY. WALL ROCK BASALT
	MAY-14-91	TRENCH VEN IN TWO PLACES TAKE TWO 3' SAMPLES
	MAY-28-91	(GET ASSAYS FROM VEN .067 AU.)
	MAY-29-91	WASHING ROCK ON CLAIM 1177544 GARNET TWP UNCOVER ZONE OF CARBONATION NEAR QUARTZ VEN ALSO FOLLOW VEN TO EAST ANOTHER 10 FEET
		<u>Summary.</u> From the work is warranted in garnet Twp low but consistent gold values occur in a quartz carb. zone on our claims further prospecting and stripping is warranted

Values occur in a quartz carb. zone on
our claims further prospecting and stripping
is warranted

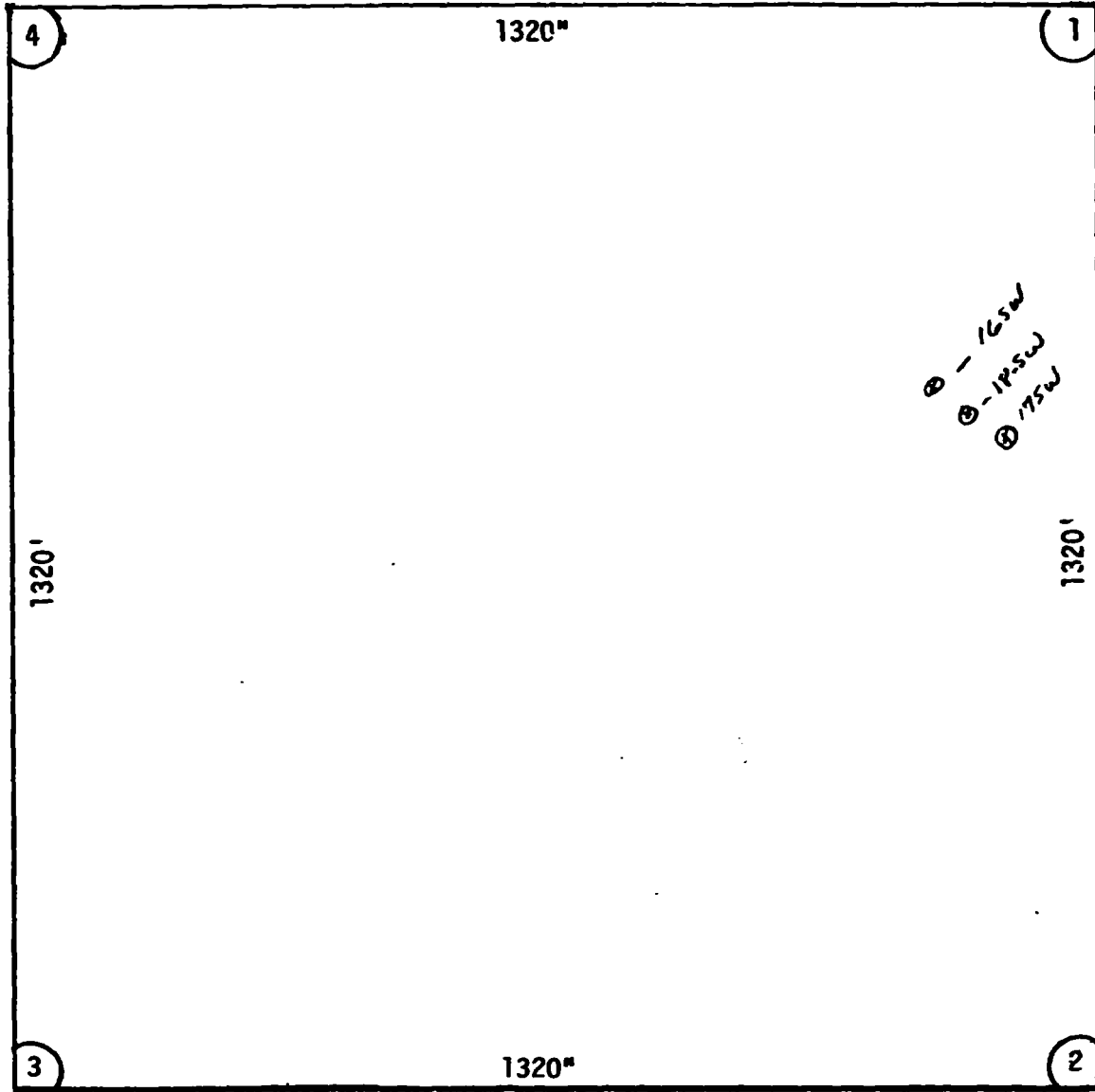
CLAIM 1177544 GARNET TWP

SCALE = 1" = 220'



SAMPLE NO	TYPE SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
TRENCH #1 LNL-91-195W	THREE FT CHIP	QUARTZ 60% BASALT 40%	MINOR SULPHIDES	TRACE AU
TRENCH #2 LNL-91-205W	THREE FT CHIP	QUARTZ	1% PYRITE	.067 AU

CLAIM 1158340 - GARNET TWA



SCALE = 1" = 220'

SAMPLE NO	TYPE SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
LNK-91 16 SW	GRAB	QUARTZ 20% GABRO 80%	1% PYRITE	0.016 AU
17 SW	GRAB	GABRO	MINOR SULPHIDES	0.004 AU
18 SW	GRAB	GABRO	MINOR SULPHIDES	0.003 AU



Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11727

Laboratory Report

Date May 23, 1991

Issued To: Dan Farrow, Staff Geologist, MNM, Mines & Minerals Div.(NE(, 60 Wilson Ave., Timmins, On
P4N 2S7

GARNET TWP

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	PPB
LNL-91-16SW	0.016		518
LNL-91-17SW	0.004		137
LNL-91-18SW	0.003		103
LNL-91-19SW	Trace		434
LNL-91-20SW	0.067		2297

> claim 1158340

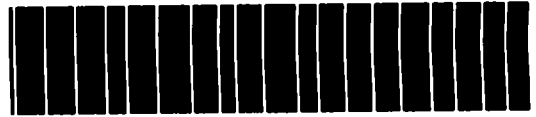
(2.3 g/t) claim 1177544

Fees Received Charged Cost Code 04-3428-03

L. McNaught for J. Ireland
Manager (Acting)

Except by special permission, reproduction of these results must include any
qualifying remarks made by this ministry with reference to any sample.

DAILY LOG OF WORK.



42B01NE0030 OP91-242 MALLARD

060

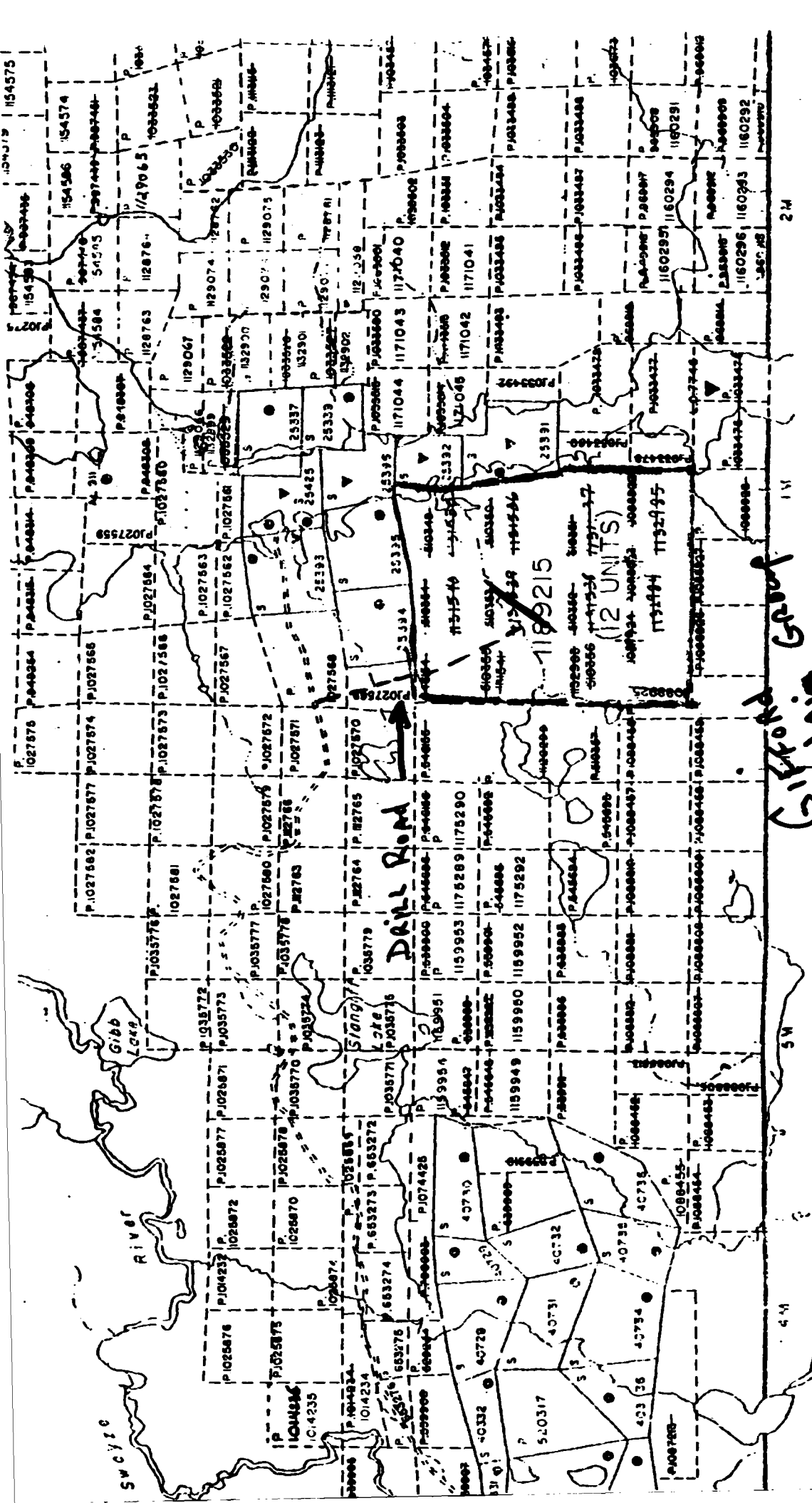
<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>
HORWOOD TWP.	April 27/91	CLEARING OLD DRILL ROAD WHICH RUNS FROM THE OLD HORWOOD LAKE BUSH ROAD TO THE GIFFORD PROSPECT. USED AXES + CHAIN SAW * 1ST DAY WE GOT TO A CREEK WHICH WAS FLOODED BY BEAVERS * 2ND DAY WE DRAINED THE BEAVER POND, THEN PROCEEDED IN BRIDGING THE CREEK. * 3RD DAY WE CUT THE OLD DRILL RD RIGHT TO THE GIFFORD PROSPECT, AND SPOTTED PROSPECTIVE AREAS FOR TRENCHING WITH MECHANICAL EQUIPMENT. ROAD NOW PASSABLE FOR <u>ATV</u> OR <u>EQUIPMENT</u>
GIFFORD PROSPECT.	" 28/91	
10 CLAIMS.	" 29/91	

LOCATION OF WORK.

MAP ATTACHED.

Summary work was stopped on the Gifford property because of the new gold showing found in

Mallard Twp this property still is a high priority and mechanical stripping will be carried out this summer
Alex Kerr



Gifford Golf
Gifford
111

NEWTON TWP

24

64

PROJECT AREA	DATE	WORK PERFORMED
HORWOOD LAKE	AUG 4-91	SPENT DAY PROSPECTING CLAIM 11170626 TAKE 2 SAMPLES
HORWOOD LAKE	AUG-5-91	SPENT DAY PROSPECTING CENTRE OF CLAIM 1170626 TAKE 4 SAMPLES
HORWOOD LAKE	AUG-6-91	SPENT DAY PROSPECTING CLAIM 1170624 ON NORTH AND WEST BOUNDARY TAKE TWO SAMPLES
HORWOOD LAKE	AUG-7-91	SPEND DAY PROSPECTING AND SAMPLING OLD SHOWING ON CLAIM 1175295 HORWOOD TWP TAKE 5 SAMPLES
HORWOOD LAKE	AUG-9-91	SPENT DAY LOCATING OLD SHOWING AND PROSPECTING ON CLAIM 1175296 TOOK SIX SAMPLES
HORWOOD LAKE	AUG-10-91	SPENT DAY STRIPPING + WASHING QUARTZ JEN ON WEST SHORE OF HORWOOD LAKE NEAR LONG FELLOW CREEK
	AUG-11-91	SPENT DAY TRENCHING AND SAMPLING LONG FELLOW QUARTZ JEN.





Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11879

Laboratory Report

Date Sept. 30, 1991

Issued To: George Ross, c/o Fred Ross 958 Park Ave., Timmins, Ont. P4N 7K6

HORWOOD TWP

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
A-1	0.004		
A-2	0.002		
A-3	0.004		<i>CLAIM 1175295</i>
A-4	0.003		
A-5	0.101		
B-1	0.006		
B-2	0.033		
C-1	0.069		
C-2	0.565		
C-3	0.077		
C-5	0.413		
C-6	0.005		
C-7	0.003		
G-1	0.021		
G-2	0.014		
H-1	0.003		
H-2	0.054		
H-3	Trace		
H-4	0.003		
L-1	0.004		<i>LONGFELLOW LAKE QUARTZ DIEN ASSAYS</i>
L-2 Mostly Quartz	Trace		
L-2	Trace		
L-4	Nil		
No number L-5	Nil		

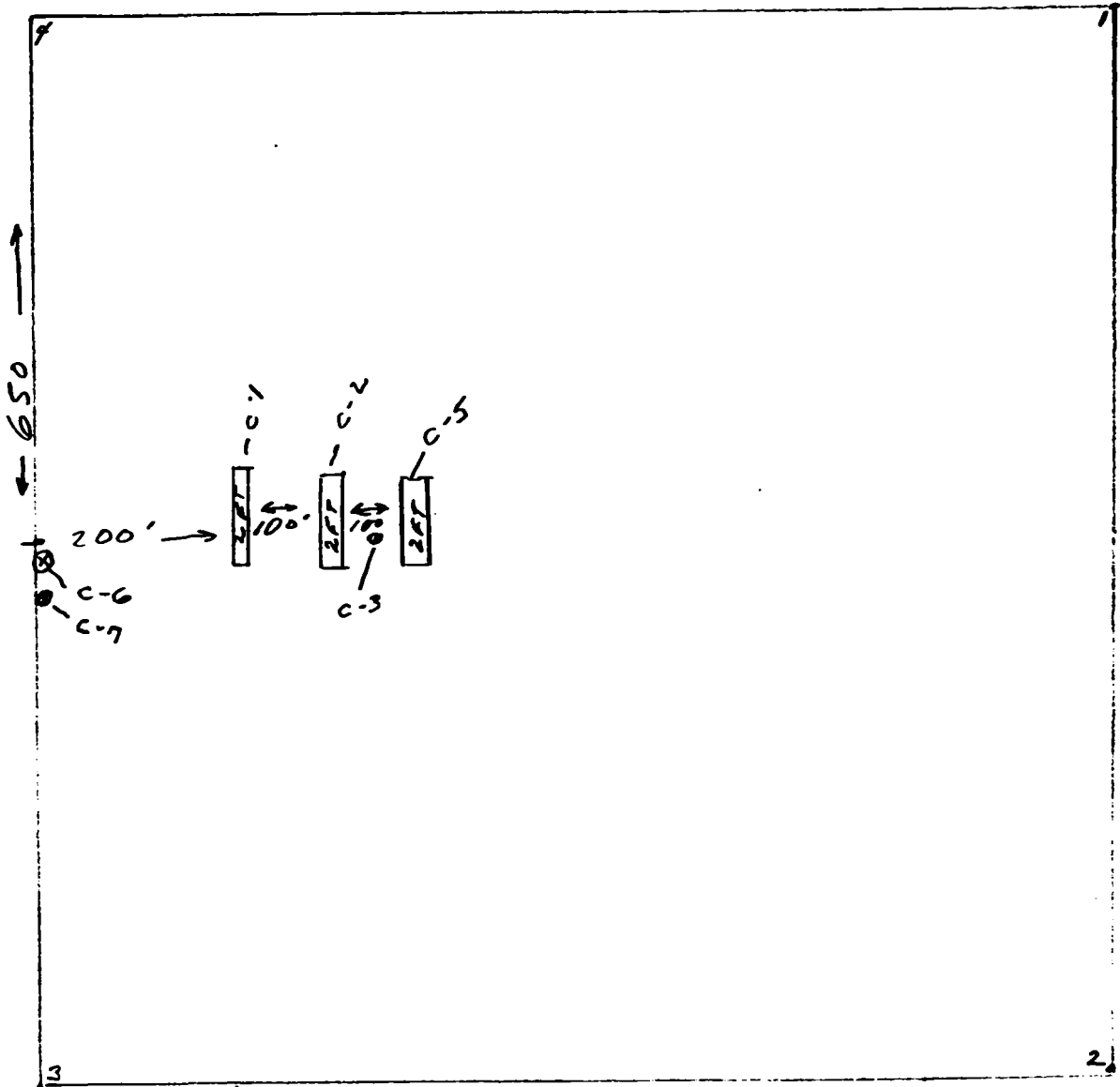
Fees Received Charged Invoice #003622

J. M. Naught for J. Ireland
AI Manager

Except by special permission, reproduction of these results must include any
qualifying remarks made by this ministry with reference to any sample.

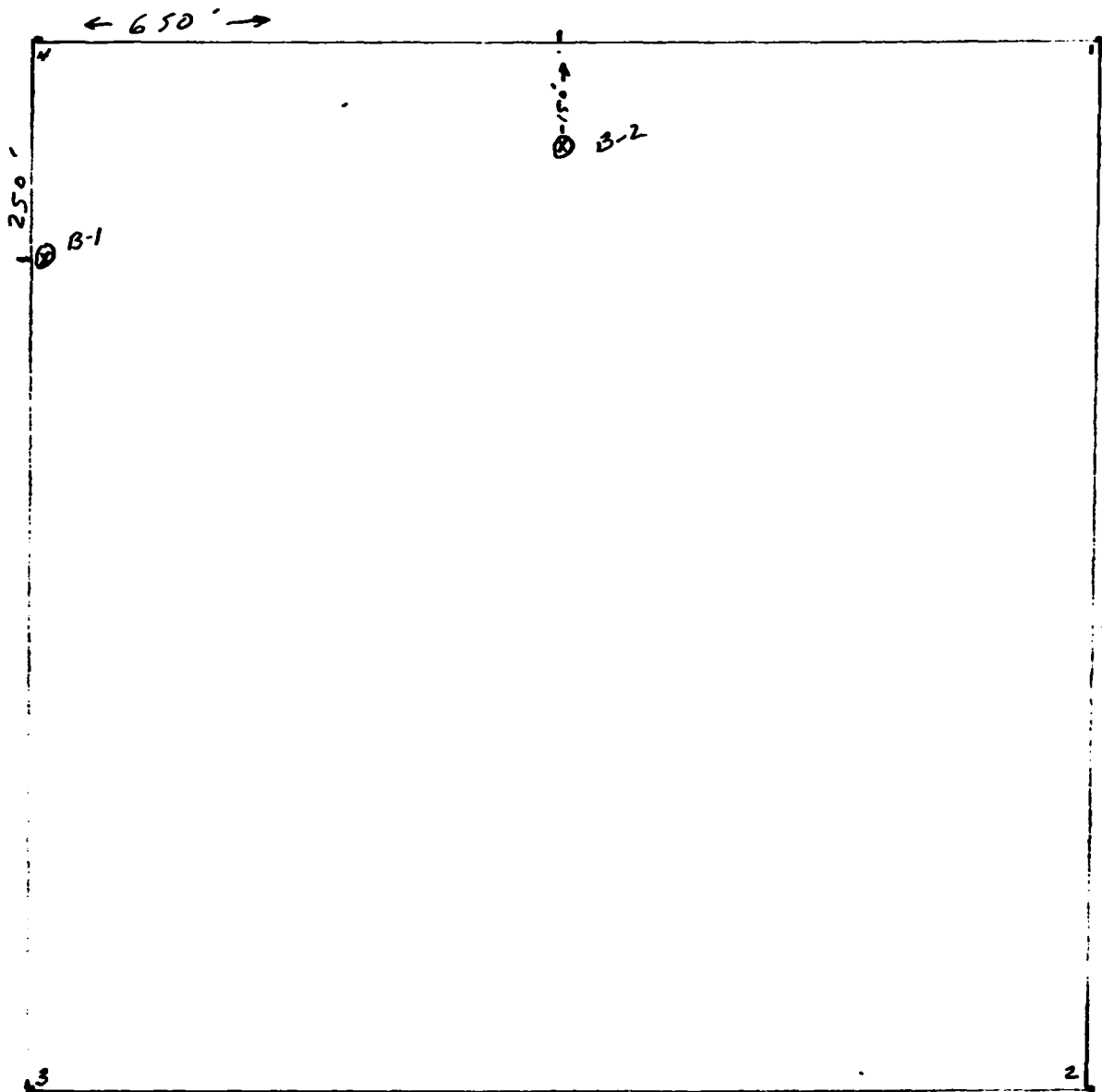
CLAIM 1175296 HORWOOD TWP

SCALE 1" = 220'



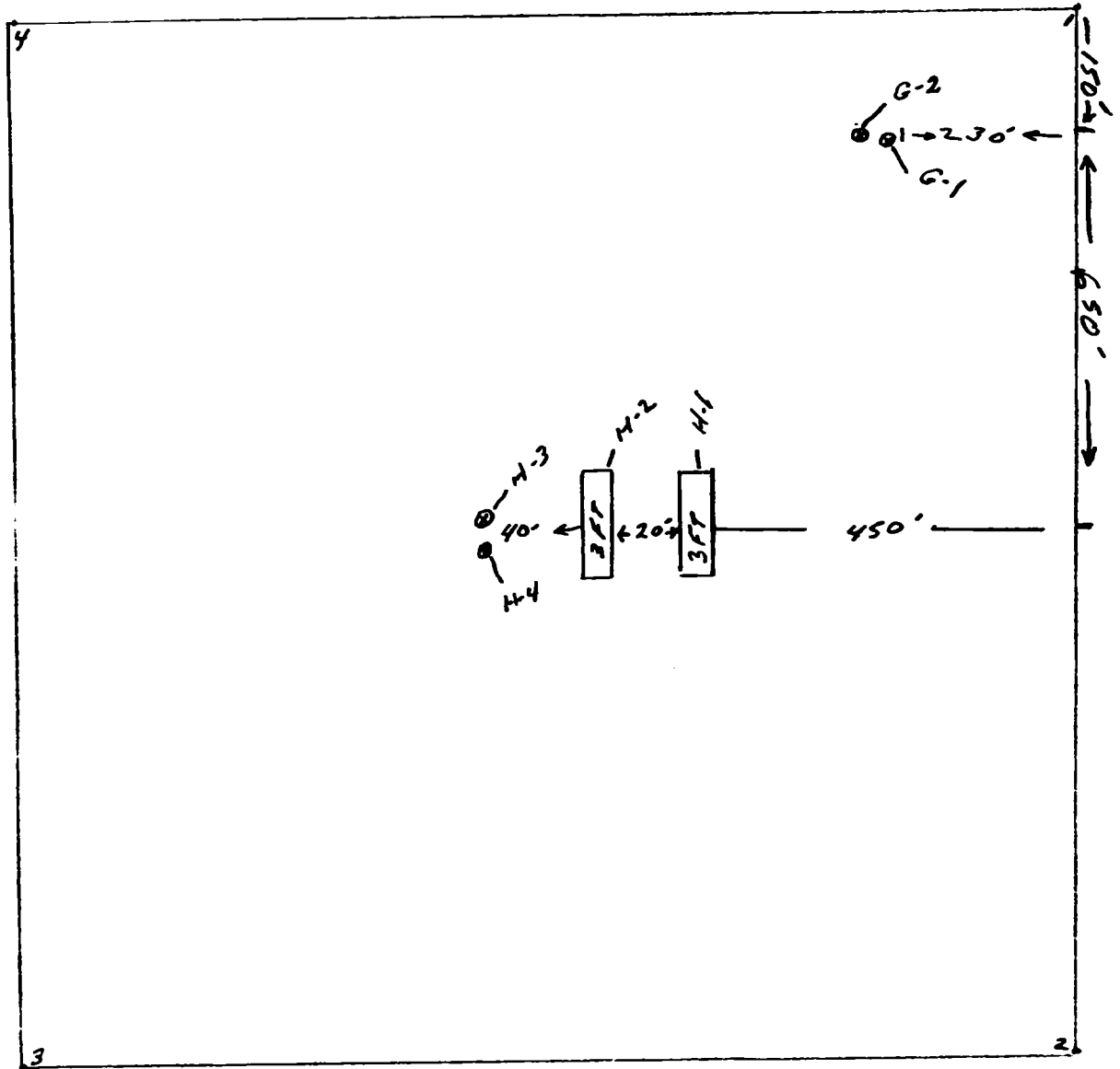
SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
C-1	2 FT CHIP	QUARTZ CARBONATE	1% CALCO PYRITE MINOR PYRITE	0.069 AU
C-2	2 FT CHIP	QUARTZ CARB.	1% PYRITE 1% CALCO PYRITE	0.565 AU
C-3	CRAB	QUARTZ	MINOR SULPHIDES	0.077 AU
C-5	2 FT CHIP	QUARTZ	2% CALCO PYRITE MINOR PYRITE	0.413 AU
C-6	CRAB	BASALT	MINOR PYRITE	0.005
C-7	CRAB	BASALT	MINOR PYRITE	0.003

CLAIM 1170624 HORWOOD TWP
SCALE 1" = 220'



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
B-1	GRAB	DIORITE	MINOR PYRITE	0.006
B-2	GRAB	48% QUARTZ 60% DIORITE	1% PYRITE MINOR CALCOPYRITE	0.033

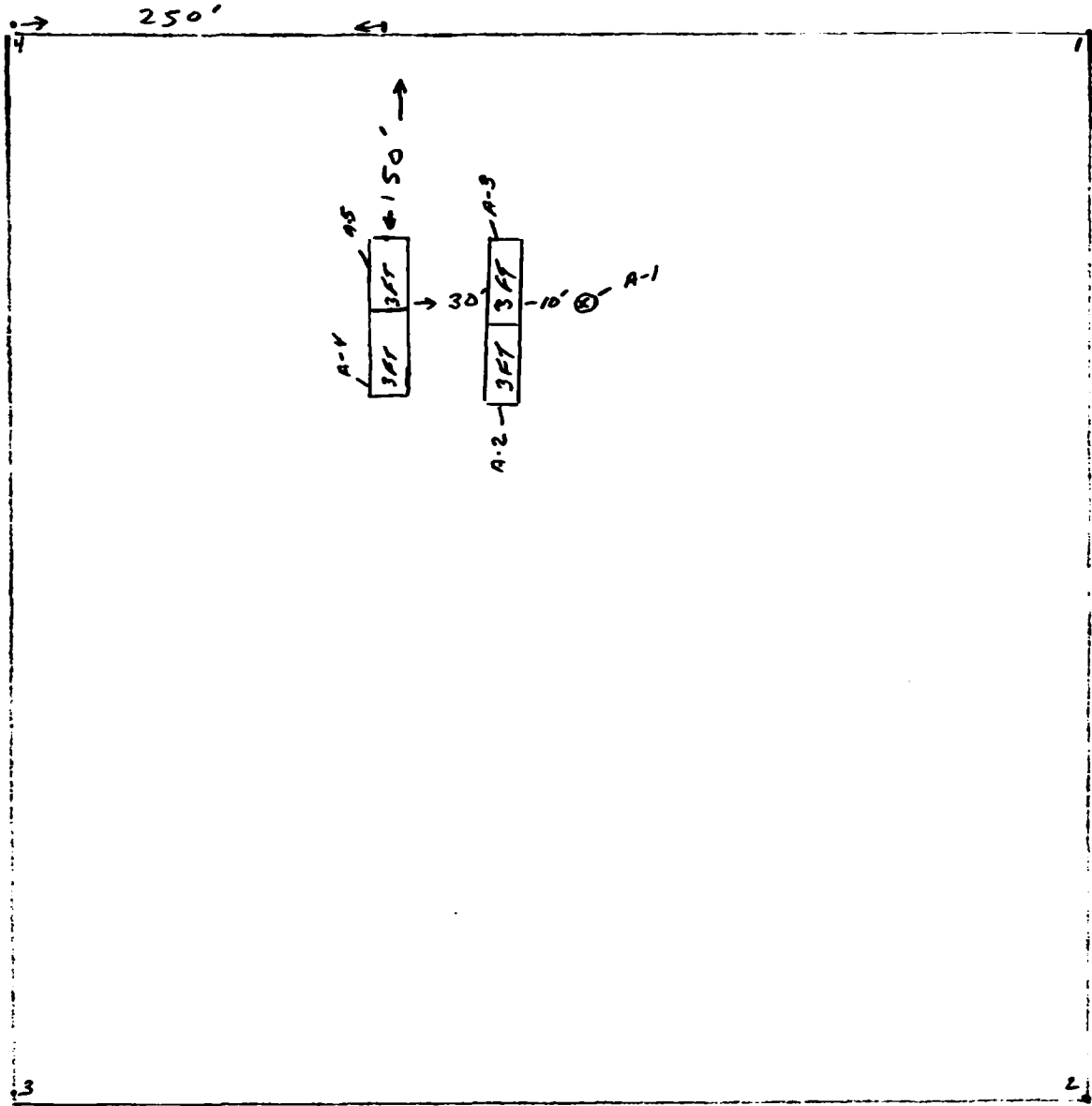
CLAIM 1170626 - HORWOOD TWP
 SCALE 1" = 220'



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
G-1	GRAB	QUARTZ	MINOR PYRITE	0.021 AU
G-2	GRAB	QUARTZ 70% DIORITE 30%	MINOR PYRITE	0.014 AU
H-1	3FT CHIP	QUARTZ	MINOR PYRITE	0.003 AU
H-2	3FT CHIP	QUARTZ	MINOR PYRITE AND CALCOPYRITE	0.054 AU
H-3	GRAB	QUARTZ	MINOR PYRITE	TRACE
H-4	GRAB	QUARTZ	MINOR PYRITE	0.003

CLAIM 1175295 HORWOOD TWO

SCALE 1" = 220'



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
A-1	GRAB	QUARTZ	MINOR PYRITE	0.004 AU
A-2	3 FT CLIP	QUARTZ	MINOR PYRITE	0.002 AU
A-3	3 FT CLIP	QUARTZ	MINOR PYRITE	0.004 AU
A-4	3 FT CHIP	QUARTZ	MINOR CALCOPYRITE	0.003 AU
A-5	3 FT CLIP	QUARTZ 80% BOGART 20%	1% PYRITE 1/2 CALCOPYRITE	0.101 AU

Hocwood Lake Claims

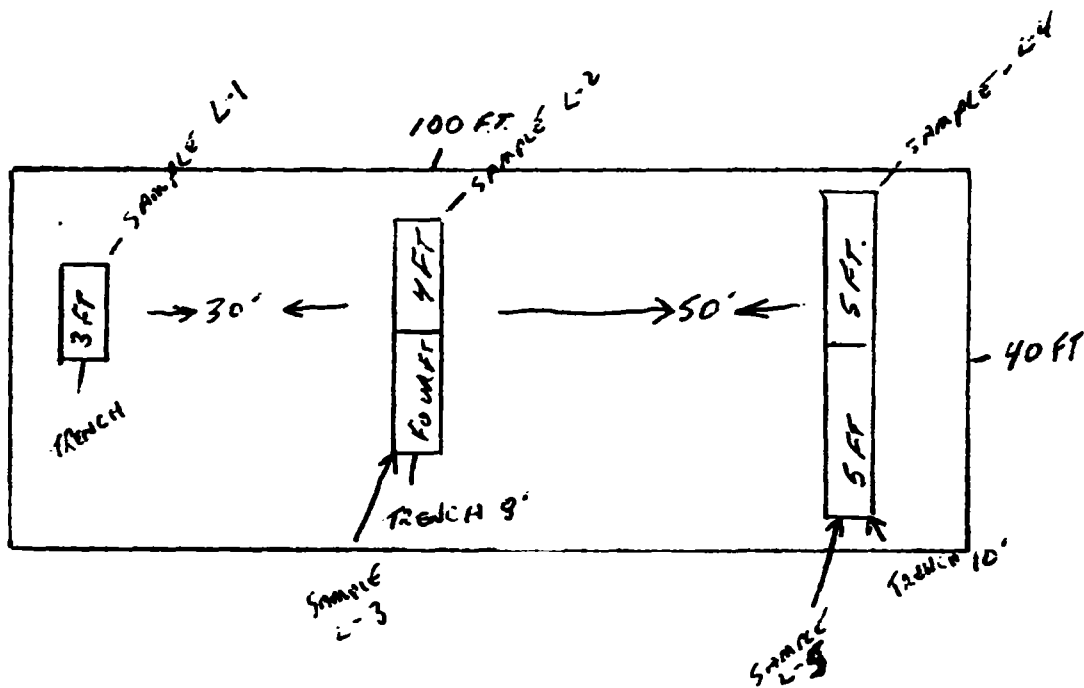
The Hocwood Lake Property consists of seven mining claims. There are three gold showings on these claims. The showings date back from the 1930's. Very little work was done on these showings. We located these showings and sampled them. The veins are in shear zones that can only be traced over short distances then go into overburden. This area will be logged in 1992, a road will be built into this area by mallette lumber. Access now is only by water up Hocwood Lake. With the Road in place this area will be able to be stripped by mechanical means. We plan to do a detailed stripping program over the veins and other areas where possible. And further prospecting is warranted.

George Lora

Long Yellow Lake Quartz Vein

This vein is along the west shore of Hornwood Lake it runs for about 100 ft before going into heavy overburden. The vein is in a porphyry dike within Mylonite rock. It varies from 3 in. to 3 ft as it comes out of the lake to 20 ft as it goes into overburden. Stripping was done with shovels and grub hoes and the vein was washed with a water pump. Three trenches were put into the vein and five samples for gold were taken. Sulphides are rare and when they do occur the vein has a rusty color to it. The assay results were low and no more work is warranted on this vein.

LONG FELLOW LAKE QUARTZ VEIN



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAY RESULTS
L-1	CHIP THREE FEET	80% QUARTZ 20% PORPHYRY	1% PYRITE	0.004
L-2	CHIP - FOUR FEET	QUARTZ - RUSTY	MINOR PYRITE	TRACE
L-3	CHIP - FOUR FEET	60% QUARTZ 40% PORPHYRY	MINOR PYRITE	TRACE
L-4	CHIP - FIVE FEET	QUARTZ	BLEBS OF CALCOPYRITE	TRACE
L-5	CHIP FIVE FEET	QUARTZ	MINOR PYRITE	TRACE



①



QUARTZ VEIN - STRIKES EAST-WEST
100' FT LONG AND 20' WIDE
AT WEST END OF VEIN

HURWOOD
LAKE

LUNDY PELICAN
LAKE

2 INCHES = 1 MILE

DAILY Log - PROSPECTING.



42801NE0030 OP91-242 MALLARD

080

<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>
<p>PENHORWOOD TWP. <u>Open Ground.</u></p>	<p>APRIL 24/91</p>	<p>PROSPECTING THE SOUTH EAST AREA OF THE NAT RIVER IN PENHORWOOD TWP. WITH PARTNER GEO ROSS. FOUND A LARGE QUARTZ CARBONATED ZONE IN MODERATE SHEARED MAFIC VOLCANICS. VERY RUSTY IN PARTS OF VEIN ZONE IS APPX 15 FT WIDE RUNNING EAST-WEST AND TRACED SAME FOR APPX 200 FT. USING SHOVEL & GRUBHOE.</p>
<p><u>LOCATION</u> SEE MAP ATTACHED. <u>DESCRIPTION OF SAMPLES.</u></p>	<p>APRIL 25/91</p>	<p>RETURNED TO AREA WITH PLUGGER & EXPLOSIVES. BLASTED 2 TRENCHES ACROSS ZONE - APPX 8 FT LONG AND 2 FT WIDE & DEEP. THE VEINS ARE BARREN AND NOT ONE SPECK OF MINERALIZATION COULD BE SEEN IN TRENCHES. WE TOOK 2 SAMPLES FROM EACH TRENCH.</p>



Ministry of
Northern Development
Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C9
(705) 679-8313

Report Number
CB 11748

Laboratory Report

Date June 7, 1991

Issued To: Mr. D. Morin, c/o Fred Ross, 958 Park Ave., Timmins, Ont. P4N 7K6

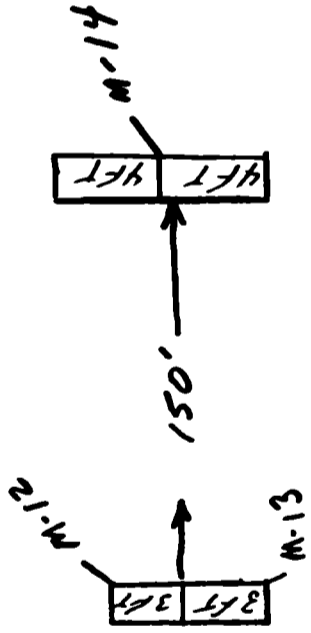
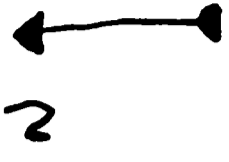
Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton		
G-1	Trace		GARNET TOWNSHIP NEAR MAIN ROAD MALLARD TOWNSHIP	
G-2	0.003			
M-6	Trace			
M-7	0.034			
M-8	0.003			
M-9	0.002			
M-11	0.043			
M-12	0.003			PEN HOR WOOD QUARTZ CARB VIEW
M-13	Trace			
M-14	Trace			

Fees Received Charged.

Lo. McNaught for J. Ireland
Manager (Acting)

Except by special permission, reproduction of these results must include any
qualifying remarks made by this ministry with reference to any sample.

PEN HURWOOD QUARTZ CARB. V. EN
OPEN GROUND



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
M-12	3 FT CHIP	QUARTZ	N.L	0.003 AU
M-13	3 FT CHIP	QUARTZ	N.L	TRACE
M-14.	8 FT CHIP	QUARTZ	N.L	TRACE

MALLARD TWP



Project AREA	DATE	WORK PERFORMED
MALLARD TWP	MAY-19-91	CHECKING OUT CROPS IN OSWAY AND MALLARD TWP. FIRST TIME IN AREA ONE MILE NORTHEAST OF OPEPEESWAY RIVER BRIDGE FIND SHEAR ZONE. GOOD LOOKING QUARTZ VENS IN SHEAR. SEE PYRITE AND CARCO IN VENS. SIX FT PORPHYRY DIKE NORTH SIDE OF SHEAR. 1000' NE OF SHEAR FIND SIDE OF HILL WITH QUARTZ STOCK WORK AND SHEAR (SAME ZONE?) ANKERITE AND MINERALIZATION OR SERIC IN VENS
	MAY 20-91	GO TO TIMMINS TO CHECK LOCATION OF CLAIMS AND RESEARCH MALLARD TWP SHOWINGS ARE ON OPEN GROUND
	MAY-21-91	STAKE THREE CLAIMS OVER SHOWINGS
	MAY-24-91	TAKE 14 GRAB SAMPLES FROM THE WEST ZONE SCATTERED MOSS AND SAND ON O/C NEEDS TO BE WASHED WATCH VERY CLOSE BY.
	MAY-26-91	TAKE PLUGGER AND BLAST THREE TRENCHES IN HILL 1000' N/E OF WEST ZONE (CALL THIS AREA EAST ZONE) TEST THREE VENS. EXTENSIVE PYRITE CARCO PYRITE ANKERITE AND CARBONIZATION SEEN TAKE SIX SAMPLES
	MAY-27-91	WASHING WEST ZONE WITH WASHY PUMP AND HAND STIPPING SHEAR IS 60' WIDE
	MAY-30-91	RECEIVE ASSAYS FROM MALLARD TWP WEST ZONE 1.90 OZ/TON EAST ZONE 22.082 OZ/TON MALLARD TWP NOW HAS PRIORITY

only 25 days changed.

N.E. →

NE.

PROJECT AREA	DATE	WORK PERFORMED
MALLARD TWP	MAY-31-91	STAKING CLAIMS IN MALLARD TWP
	JUNE-2-91	TAKE 8 SAMPLES FROM EAST ZONE FOR NORANDA MINES. TAKE TWO SAMPLES FROM NEW VJEN IN GARNET TWP FOR NORANDA ALSO
N.E.	JUNE-3-91	TO TIMMINS TO BRING ASSAYS RECORD CLAIMS AND GET SUPPLIES
	JUNE-4-91	GET EQUIPMENT TO GO TO MALLARD READY
$\frac{1}{2}$ only	JUNE-5-91	<u>STAKE CLAIMS</u> IN MORNING. HAND STRIPPING EAST ZONE IN PM
	JUNE-6-91	PROSPECTING ON STRIKE OF EAST ZONE TO THE NE. FIND LOW HILL 350' FROM EAST ZONE. DIG THROUGH OVERBURDEN SEE QUARTZ VJENS AND SHEARING UP TO 40' WIDE NEEDS TO BE MECHANICAL STRIPPED
	JUNE-7-91	PUT THREE TRENCHES IN WEST ZONE FOR NORANDA TO SAMPLE
$\frac{1}{2}$ only	JUNE-11-91	GO TO MALLARD AND <u>STAKE</u> IN AM. FIND QUARTZ VJEN 10' SOUTH OF HIGH GRADE VJEN. FOLLOW FOR 15' OIB TO HEAVY TO SHOVEL. PUT 6' TRENCH ACROSS VJEN
$\frac{1}{2}$ only	JUNE-12-91	<u>STAKE</u> CLAIMS IN AM. WASH VJEN WERE BLASTED YESTERDAY 1% PYRITE $\frac{1}{2}$ % CALCOPYRITE IN VJEN ALSO FIND 5 SPOTS OF COARSE VISIBLE GOLD IN TRENCH

Project AREA	DATE	WORK PERFORMED
MALLARD TWP	JUNE-13-91	BLAST TRENCH EAST END OF EAST ZONE ACROSS QUARTZ STOCK WORK 10' LONG FOR NORANDA TO SAMPLE MINOR PYRITE AND CALCOPYRITE
	JUNE-14-91	SAMPLING WITH ROGER DAWN FROM NORANDA MINES
MALLARD TWP	JUNE-16-91	PROSPECTING WITH FRED ROSS 1 1/2 MILE NE OF CLAIMS IN MALLARD TWP. CLOSE TO GRANITE CONTACT SAMPLE QUARTZ VIER AND WALL ROCK TAKE 8 SAMPLES
	JUNE-18-91	RETURN TO MALLARD TO TRENCH AND PROSPECT
1/2 only	JUNE-19-91	<u>STAKE CLAIMS AM.</u> MAKE ONE 6FT TRENCH IN QUARTZ VIER 250' WEST OF WEST SHOWING. QUARTZ BULLISH NO SULPHIDES IN VIER
1/2 only	JUNE-20-91	<u>STAKE CLAIMS IN AM</u> PROSPECT IN BETWEEN EAST AND WEST ZONE EVIDENCE OF QUARTZ AND SHEARING NEEDS TO BE STRIPPED BY SHOVEL
	JUNE-21-91	PLACER DOME IN TO SAMPLE
?	JUNE-24-91 ?	RECIVE ASSAYS FROM NORANDA BEST ASSAY 3 3/4 OZ AT EAST SHOWING WEST SHOWING ONLY LOW ASSAYS

PROJECT AREA	DATE	WORK PERFORMED
MALLARD TWP	JULY-3-91	SAMPLE SHOWINGS WITH ASARCO GRANGES AND TIMMINIS NICKEL
	JULY-4-91	SAMPLE SHOWING WITH AMERICAN BERRICK.
N.E.	JULY-5-91	HAVE GOLD FIELDS TO SHOWING TO SAMPLE AND ROCK SAW
$\frac{1}{2}$ only	JULY-9-91	STAKE IN A.M. PROSPECT IN P.M. TRY TO TRACE ZONE TO EAST UNABLE TO
$\frac{1}{2}$ only	JULY-10-91	STAKE IN A.M. TRY TO TRACE SHOWING TO WEST PROSPECT TO PATENT CLAIM BOUNDARY. NO SIGN OF ZONE HEAVY OVERBURDEN
	JULY-11-91	PROSPECT EAST CLAIMS HEAVY OVER BURDEN NO SAMPLES TAKEN
	JULY-17-91	SAMPLED PROPERTY WITH M.P.H. FOR KIRKTON RESOURCES
	JULY -91	SAMPLE PROPERTY WITH CENTRALCRODE MOST ASSAYS WALL ROCK ONLY

PROJECT AREA	DATE	WORK PERFORMED
MALLARD TWP	SEPT-17-91	WASHING OUTCROPS WHILE SHOVEL STRIPPING
	SEP-18-91	SHOVEL STRIPPING WASHING OUTCROPS
	SEP-19-91	SHOVEL STRIPPING - WASHING OUTCROPS
	SEPT-20-91	SHOVEL STRIPPING WASHING OUTCROPS SUPERVISING SHOVEL
	SEPT-21-91	WASHING OUTCROPS
	SEPT-26-91	ROCK SAWING STRIPPED AREAS GOVT GEOLOGIST HARVE LUTHA THERE TO SEE SHOWINGS
	SEPT-27-91	ROCK SAWING STRIPPED AREAS

Summary.

Further work on this property would consist of I.P. and chemical drilling of the property is not needed. Consequently mining agreed to spend five thousand dollars towards stripping of this property for a three month period of refusal starting on September 15/91

Georg Rose

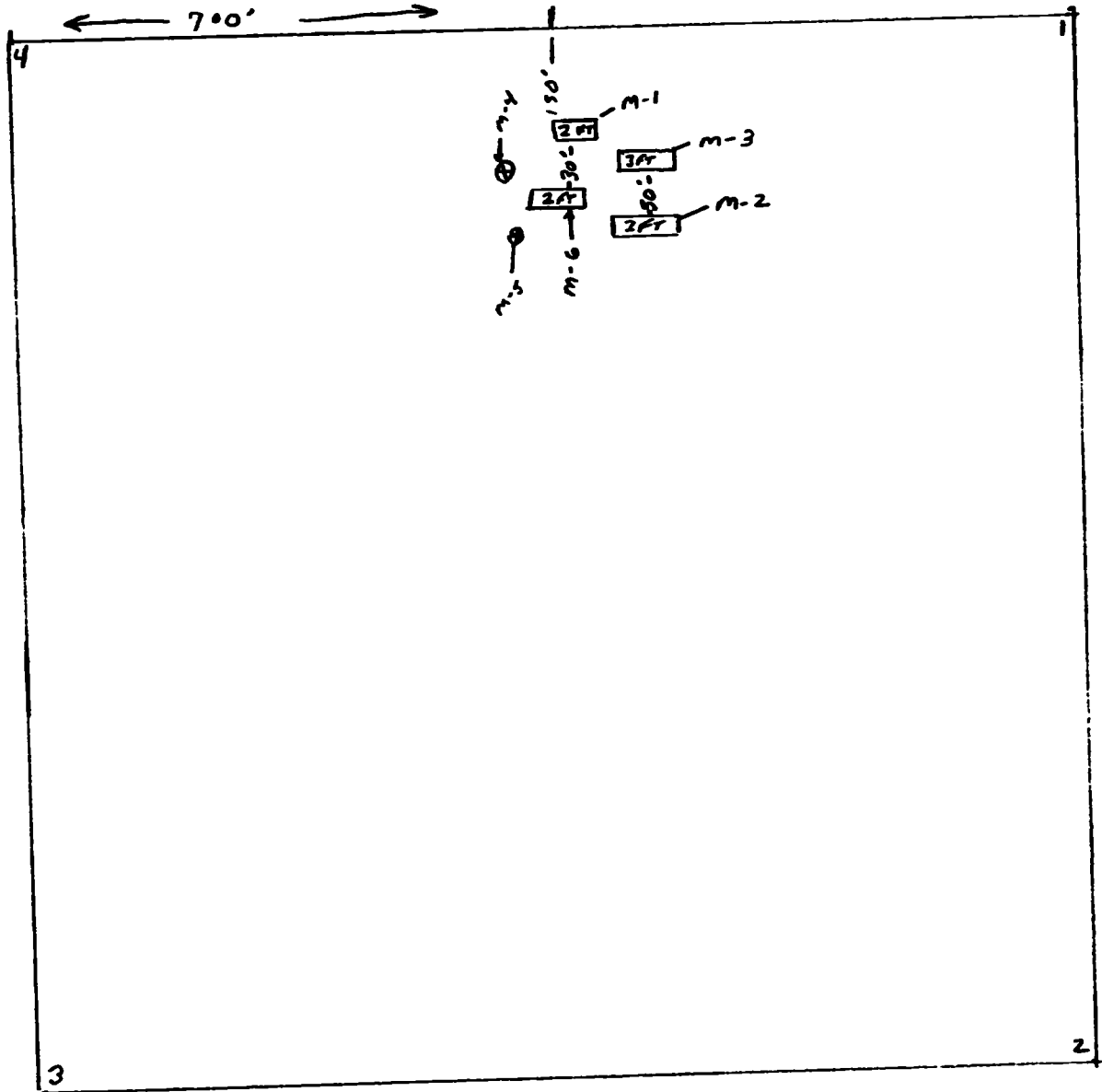
MALLARD TWP

SCALE 1" = 220'



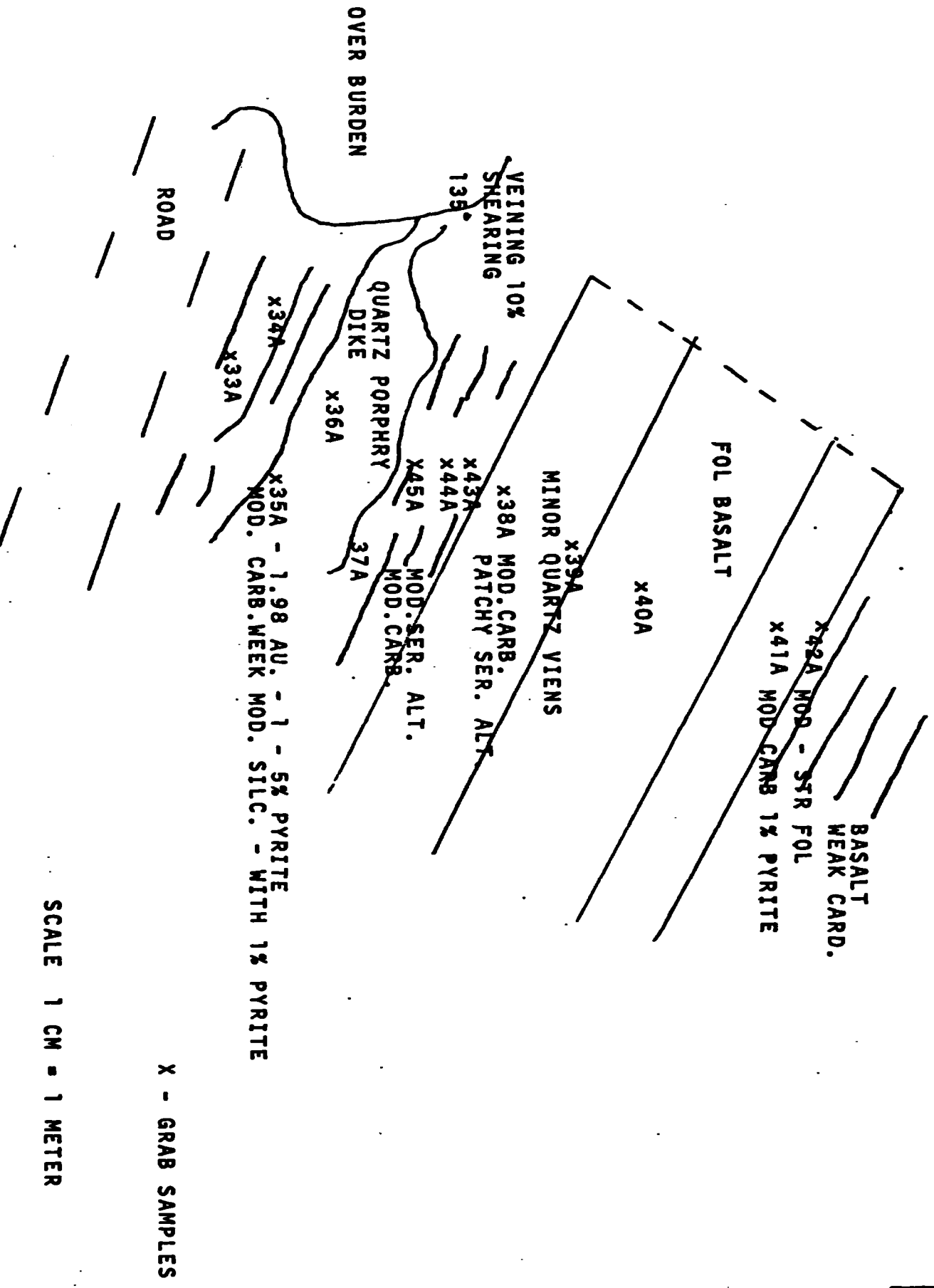
CLAIM - 1177543

EAST ZONE - FIRST TRENCHING



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
M-1	2 FT CHIP	QUARTZ 80% BASALT 20%	1% PYRITE 2% CALCOPYRITE	22.052 oz/t
M-2	3 FT CHIP	QUARTZ	TRACE PYRITE	0.069 oz/t
M-3	3 FT CHIP	QUARTZ	TRACE PYRITE	0.026 oz/t
M-4	GRAB	SHEARED BASALT	MINOR PYRITE	TRACE
M-5	GRAB	SHEARED BASALT	MINOR PYRITE	NIL
M-6	2 FT CHIP	QUARTZ	3% PYRITE TRACE CALCOPYRITE	8.06 oz/t

MALLARD TOWNSHIP WEST ZONE ROSS SHOWING
 CLAIM NO. 117754



X - GRAB SAMPLES

SCALE 1 CM = 1 METER

PROSPECTING DAILY LOG

PROJECT AREA
MALLARD TOWNSHIP
CLAIM #

DATES

WORK PERFORMED

MAY 24/91 PROSPECTED ALONG SOUTH SIDE OF LOGGING ROAD ON CLAIM NO. 117754 5 SAMPLES TAKEN, SAMPLE NUMBERS 6433A - 6437A.

MAY 25/91 PROSPECTED ALONG SOUTH SIDE OF ROAD SAME SAME GENERAL AREA ON CLAIM NO. 117754 8 SAMPLES TAKEN SAMPLE NUMBERS 6438A - 6445A.

MAY 26/91 PROSPECTED ON NORTH SIDE OF ROAD NO SAMPLES TAKEN.

MAY 27/91 PROSPECTED ALONG SOUTH SIDE OF LOGGING ROAD NO SAMPLES TAKEN.

SEE ATTACHED MAP FOR LOCATION OF PROSPECTING.

DESCRIPTION OF SAMPLES

<u>SAMPLE NO.</u>	<u>TYPE OF SAMPLE</u>	<u>ROCK TYPE</u>	<u>MINERALIZATION</u>	<u>ASSAY RESULT</u>
6433A	CHIP	CARB. BASALT	1% PYRITE	0.006 AU.
6434A	"	CARB. QUARTZ	MINOR PYRITE	0.003 AU.
6435A	GRAB	QUARTZ	1% CALCOPYRITE	1.984 AU.
6436A	CHIP	QUARTZ PORPHRY	NIL	0.004 AU.
6437A	CHIP	QUARTZ PORPHRY	NIL	0.003 AU.
6438A	GRAB	CARB. BASALT	MINOR PYRITE	0.002 AU.
6439A	GRAB	CARB. BASALT	MINOR PYRITE	0.009 AU.
6440A	GRAB	BASALT-QUARTZ	1% PYRITE-CALCO	.013 AU.
6441A	GRAB	BASALT- CARB.	MINOR PYRITE	0.009 AU.
6442A	GRAB	CARB. BASALT	NIL	0.002 AU.
6443A	CHIP	40% QUARTZ	1% PYRITE	0.017 AU.
6444A	CHIP	SHEARED BASALT	MINOR PYRITE	0.011 AU.
6445A	GRAB	SHEARED BASALT	MINOR PYRITE	0.014 AU.



Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
POJ 1C0
(705) 679-8313

Report Number
CB 11737

Laboratory Report

Date May 30, 1991

Issued To: George Ross, c/o Fred Ross, 958 Park Ave., Timmins, Ont. P4N 7K6

MALLARD TWP

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton
6433A	0.006	
6434A	0.003	
6435A	1.984	
6436A	0.007	
6437A	0.003	
6438A	0.002	
6439A	0.009	<i>WEST ZONE</i>
6440A	0.013	
6441A	0.009	
6442A	0.002	
6443A	0.017	
6444A	0.011	
6445A	0.014	
M-1 -	22.082	
M-2	0.069	
M-3	0.026	<i>EAST ZONE</i>
M-4 - <i>GRAB</i>	Trace	
M-5 <i>GRAB</i>	Nil	
M-6	8.064	

Fees Received Charged.

b. mcNaught for J. Ireland
Manager (Acting)

Except by special permission, reproduction of these results must include any
qualifying remarks made by this ministry with reference to any sample.



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Assay Certificate

1W-3167-RA1

Company: **NORANDA EXPLORATION**
 Project: **201**
 Ass: **ROGER DAHN**

Date: **JUN-26-91**

Copy 1. FAX 268-9572
 2. BOX 1205, TBM/INS P4N 715

We hereby certify the following Assay of 19 ROCK samples submitted JUN-19-91 by .

Sample Number	Site Z.	Au g/tonne	Au oz/ton	Au check g/tonne	Au check oz/ton
14442	A	1.17	.034	1.23	.036
14443	Aimela	2.13	.062		
14444	B ₁	0.42	.012		
14445	B _w	0.01	.001		
14446	C	122.81	3.582	133.03	3.880
14447	D	1.28	.037		
14448	Even	0.01	.001		
14449	E willow k	0.05	.001		
14450	Fimela	0.02	.001		
14451	A	0.06	.002		
14452	B	0.02	.001		
14453	C	0.03	.001		
14454	D	0.01	.001		
14455	E	0.01	.001		
14456	F	0.17	.005		
14457	G	0.03	.001		
14458	H	0.12	.004		
14459	I	0.69	.020	0.62	.018
14460	J	0.68	.020		

Certified by Donna Gardner

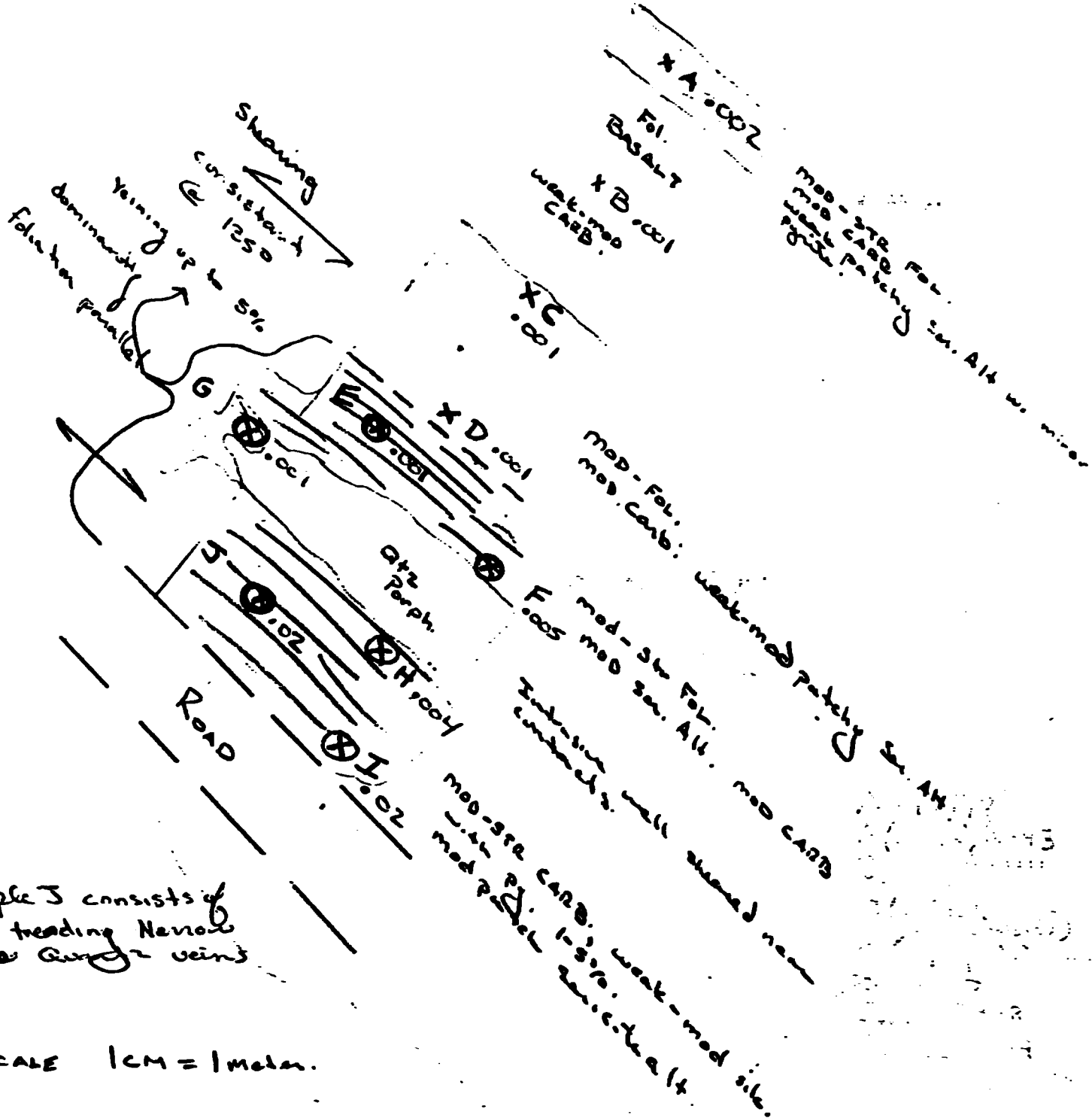


Site A

KOSS - MORIN
Mallard Twp

A-14451

Fol.
BASALT
Weak - mod
CARB.



Sample J consists of
NE trending narrow
quartz veins

SCALE 1cm = 1 meter.

Site 2



Overall weak alt and veining. veins mineralized with Py Cpy & V.G. in areas of dislocation & folding.

weak - mod fol. / fabric developed @ 125°

B₁ 0.01g/t
B₂ 0.42g/t

C 122.8g/t

V.G. 22.9g/t

A 1.17g/t
Aim - 2.13g/t

Qtz vein
Even
Ewallrock
0.01g/t
0.05g/t

BLAST PIT



1.28g/t

wall alt (Ser) with pyrite assoc. with fol. partial veins alt restricted to 6"-12" from veins

A - 14442

A (1 meter) 14443

B₁ 14444

B (wallrock mineralized) 14445

C (Hypocrite) 14446

D 14447

Even 14448

E wallrock 14449

F (metal chip) 14450



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

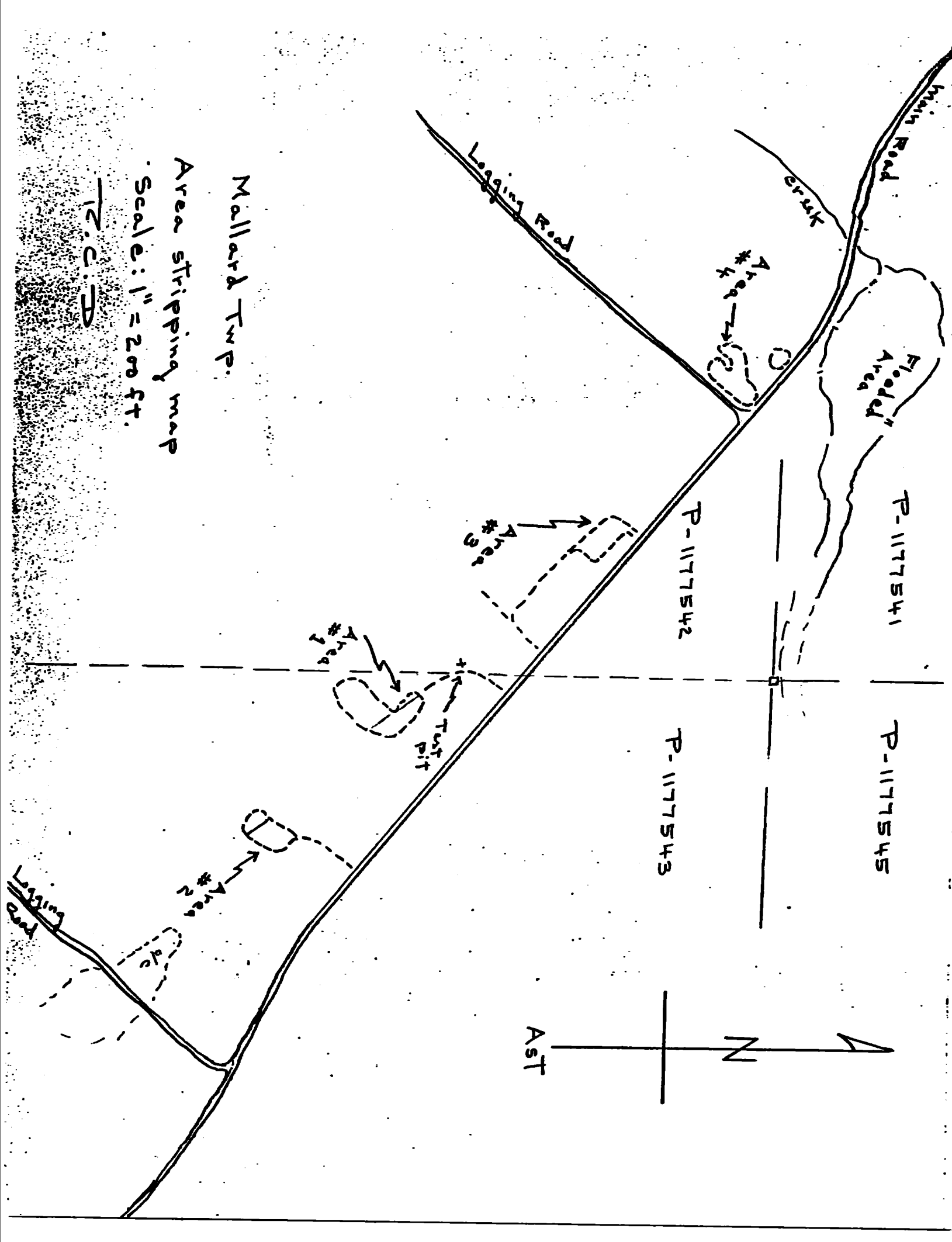
1W-3034-RG1

Company: **NORANDA EXPL. CO. LTD.**
 Project: **201/204**
 Attn: **ROGER DAHN**

Date: **JUN-05-91**
 Copy 1. P.O.BOX 1205, TIMBERNS, ONT. M4N 7J5
 2. FAX TO 268-9572

We hereby certify the following Geochemical Analysis of 11 ROCK samples submitted JUN-03-91 by ROGER DAHN.

Sample Number	Au ppb	Au check or ¹ ppb	Au 2nd ppb	Au check 2nd ppb	Ag ppm	Co ppm	Cu ppm
14431 (G-1)	1						
14432 G-2	710	.022					
14433 M-9	144						
14434 M-6	1735	.053					
14435 M-5	72						
14436 D-4	121510	3.73	124115	94972	92846	7.9	28600
14437 M-8	11657	.35	11040			1.0	
14438 M-7	302	or					
14439 M-1	754	.25					



P-1177541

P-1177545

P-1177542

P-1177543

Crut

Logging Road

Flooded Area

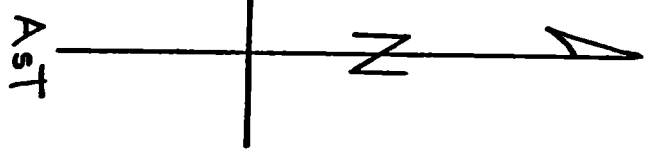
Area #4

Area #3

Area #1

Test Pit

Area #2



Mallard Twp.

Area striping map

Scale: 1" = 200 ft.

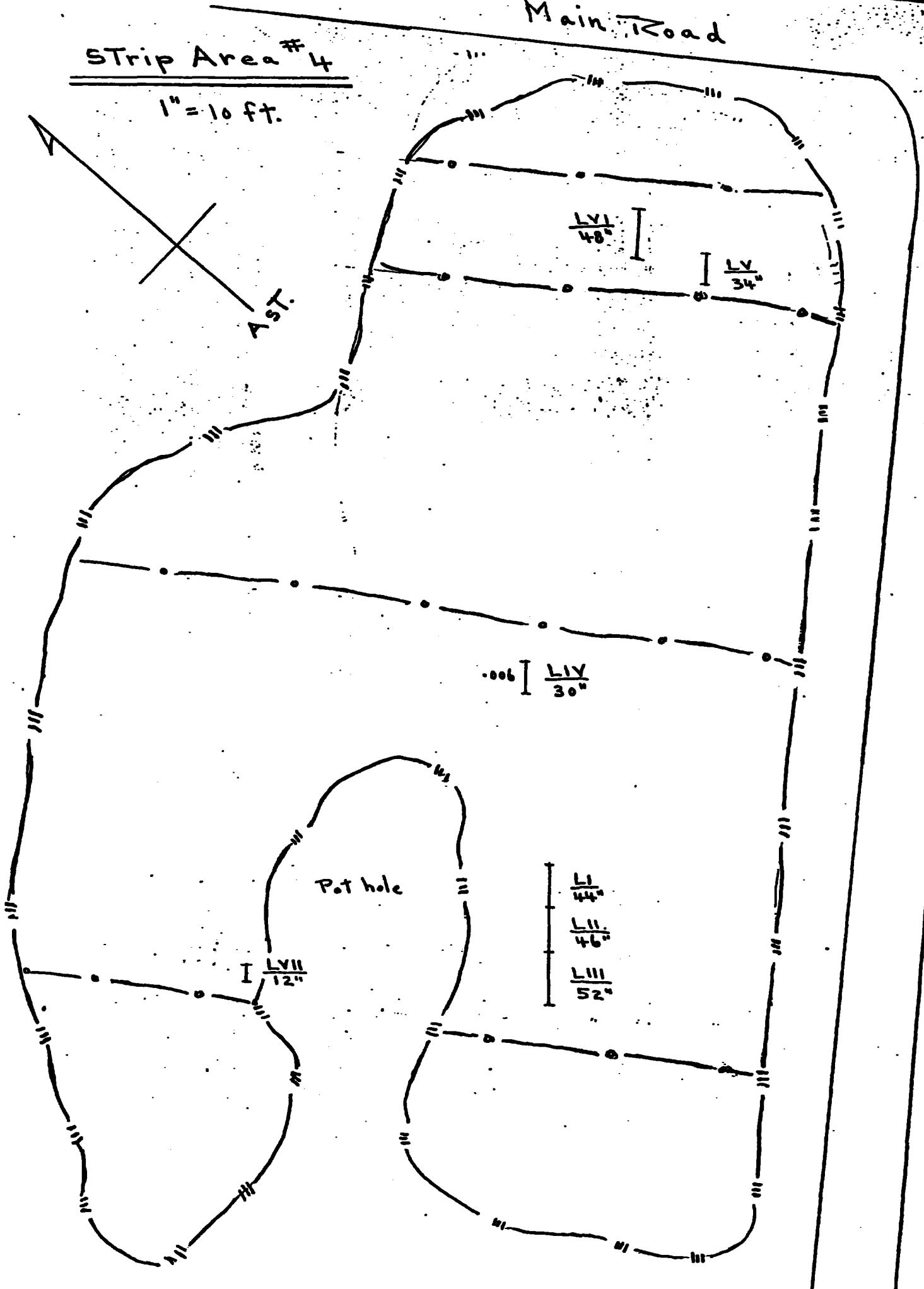
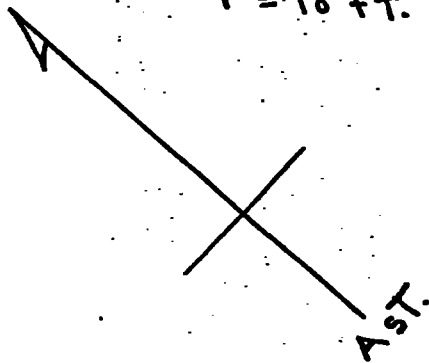
T.C.P.

Logging Road

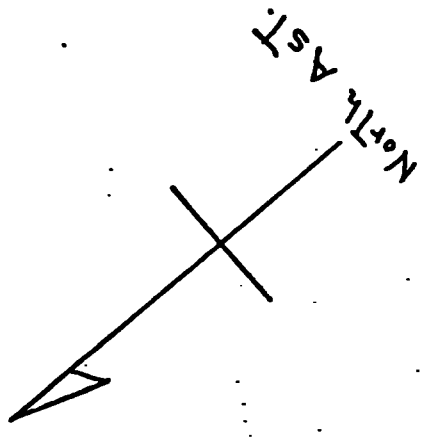
Main Road

Strip Area # 4

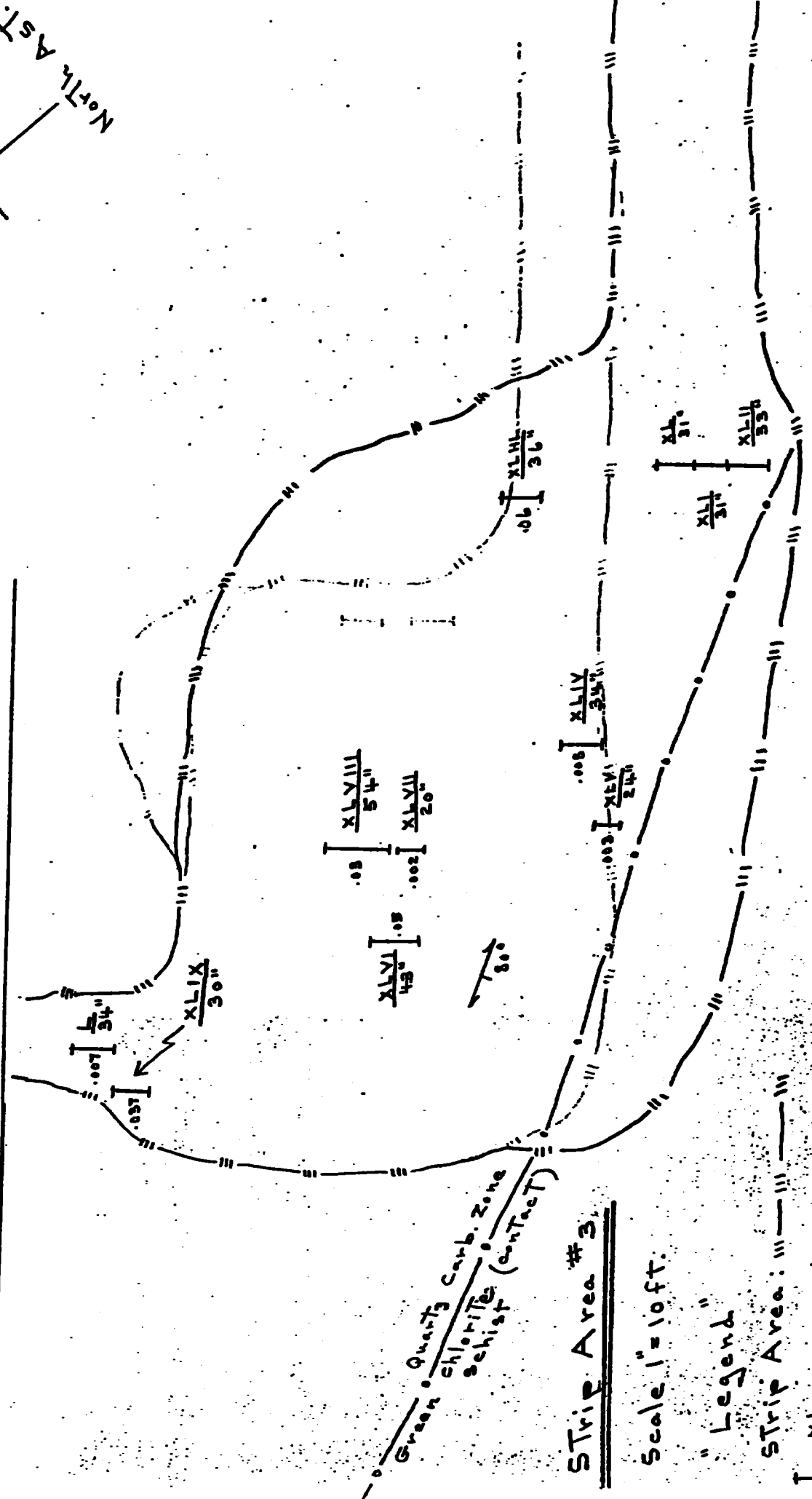
1" = 10 ft.



LVIII
12"



Main Road



Green Quartz Chlorite Schist (contact)

Strip Area #3

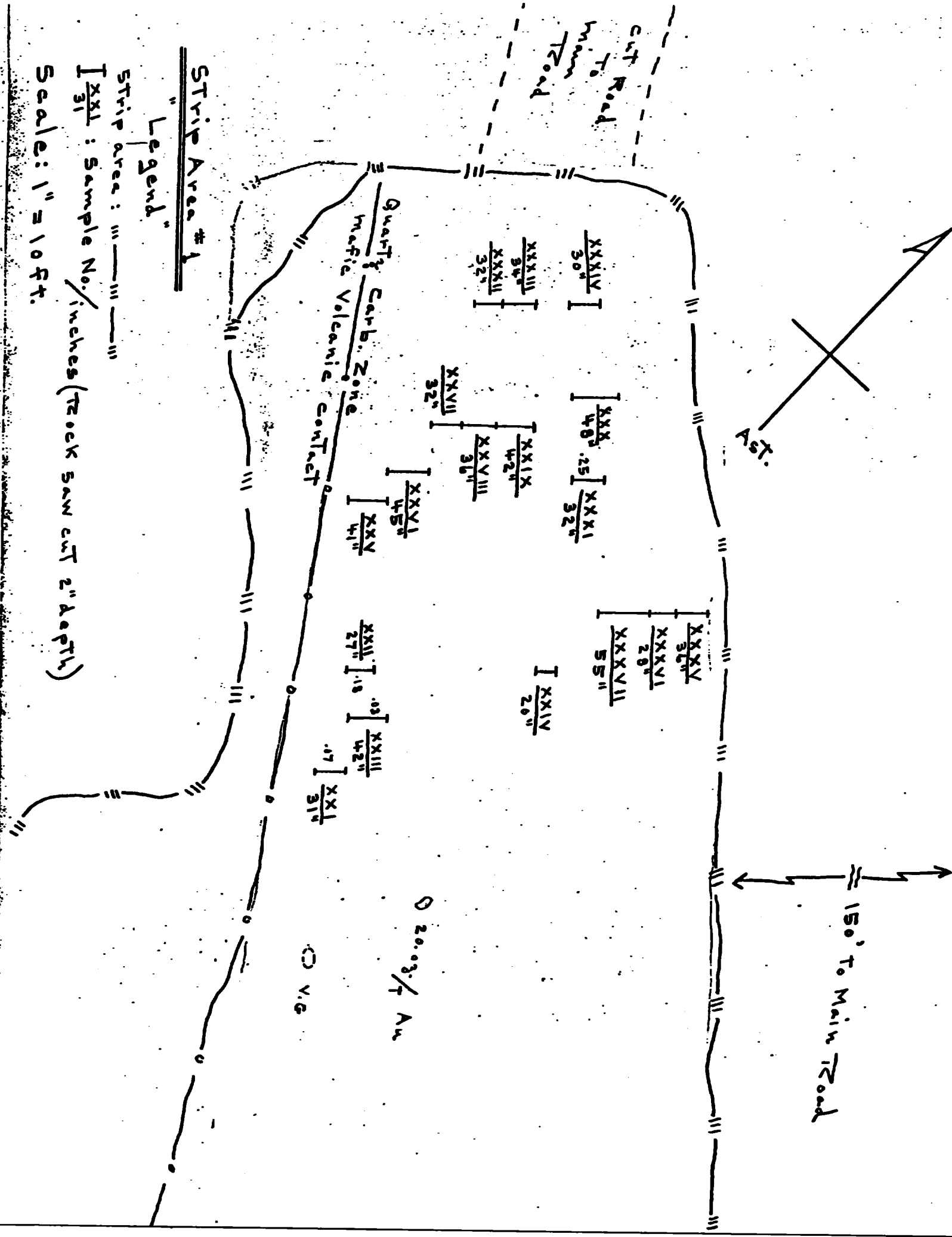
Scale 1" = 10 ft.

Legend

Strip Area: [Symbol]

[Symbol] : Sample No.

[Symbol] : Strike Slip of Zone



Strip Area #1

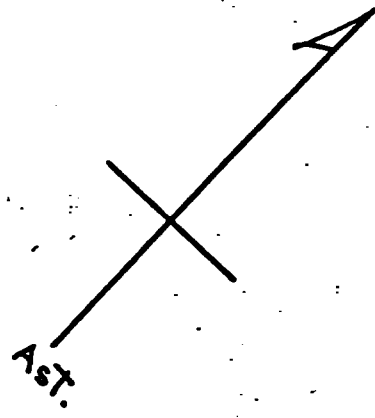
"Legend"

Strip Area:

$\frac{XXI}{31}$: Sample No./inches (Took saw cut 2" depth)

Scale: 1" = 10 ft.

Cut Road
Main Road



150' to Main Road

Quartz Carb. Zone
Mafic Volcanic Contact

$\frac{XXXIV}{30''}$ | $\frac{XXXIII}{34''}$ | $\frac{XXXII}{32''}$

$\frac{XXX}{48''}$ | $\frac{XXIX}{42''}$ | $\frac{XXI}{32''}$

$\frac{XXVII}{32''}$ | $\frac{XXVIII}{36''}$

$\frac{XXVI}{45''}$ | $\frac{XXV}{41''}$

$\frac{XXXV}{32''}$ | $\frac{XXXVI}{28''}$ | $\frac{XXXVII}{55''}$

$\frac{XXIV}{20''}$

$\frac{XXII}{27''}$ | $\frac{XXIII}{42''}$

$\frac{XXI}{31''}$

0 20.03 / Au

0 v.g.



Established 1978

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Assay Certificate

FROM: JR BP
TO: ROGER D.

1W-4101-RA1

Company: COPPER QUEST INC

Date: OCT-04-91

Project:

Copy 1. 2175 Hwy #61, RR#3, T. Bay, P7C 4V2

Ass: JIM PARRES

2. fax to 807-475-3633

We hereby certify the following Assay of 69 ROCK samples submitted OCT-01-91 by .

MEL MC

705-267-6833

Sample Number	Au oz/ton	Au check oz/ton	Au 2nd oz/ton
1-I	0.002		
2-II	0.003		
3-III	Nil		
4-IV	Nil		
5-V	0.013	0.014	
6-VI	0.005		
7-VII	Nil		
8-VIII	Nil		
9-IX	Nil		
10-X	Nil		
11-XI	Nil		
12-XII	Nil		
13-XIII	Nil		
14-XIV	Nil		
15-XV	Nil		
16-XVI	Nil		
17-XVII	Nil		
18-XVIII	0.002		
19-XIX	Nil		
20-XX	0.002		
21-XXI	0.072		
22-XXII	0.186	0.152	0.148
23-XXIII	0.034		
24-XXIV	0.014		
25-XXV	0.003		
26-XXVI	0.002		
27-XXVII	Nil		
28-XXVIII	Nil		
29-XXIX	0.006		
30-XXX	Nil		

Sample Number	Au oz/ton	Au check oz/ton	Au 2nd oz/ton
D-4	0.020		
R-1	0.070	0.062	
R-2	0.040		
R-3	0.062		
R-4 not rec'd	0.116	0.120	



Assay Certificate

1W-4101-RA1

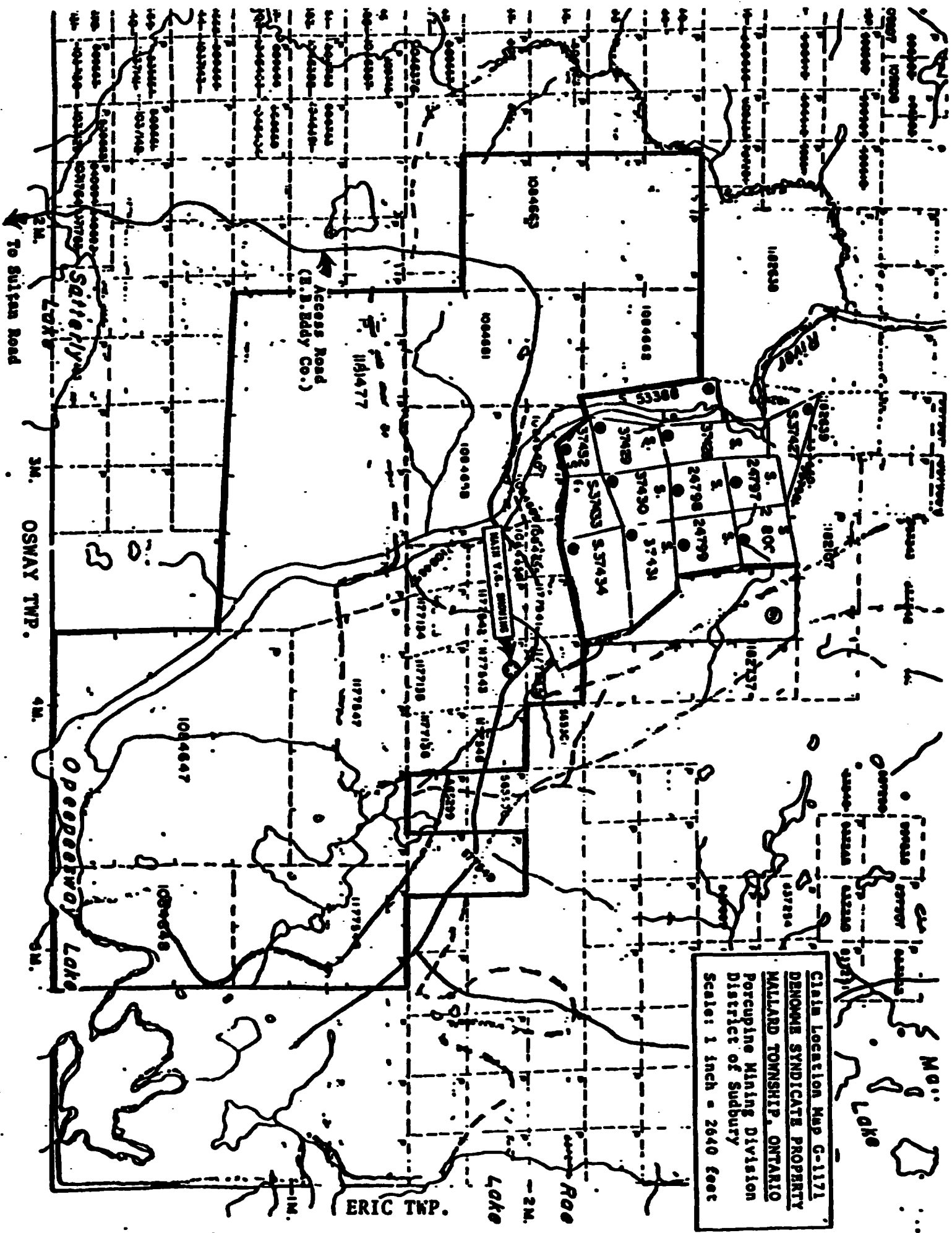
Company: COPPER QUEST INC
Project:
Assn: JIM PARRES

Date: OCT-04-91
Copy 1. 2175 Hwy #61, RR#3, T. Bay, P7C 4V2
2. fax to 807-475-3633

We hereby certify the following Assay of 69 ROCK samples submitted OCT-01-91 by .

Sample Number	Au oz/ton	Au check oz/ton	Au 2nd oz/ton
31-XXXI	0.250	0.250	0.219
32-XXXII	0.002		
33-XXXIII	Nil		
34-XXXIV	Nil		
35-XXXV	Nil		
36-XXXVI	Nil		
37-XXXVII	Nil		
40-XL	Nil		
41-XLI	Nil		
42-XLII	0.011		
43-XLIII	0.064	0.066	
44-XLIV	0.008		
45-XLV	0.003		
46-XLVI	0.050		
47-XLVII	0.002		
48-XLVIII	0.029		
49-XLIX	0.037		
50-L	0.007		
51-LI	Nil		
52-LII	Nil		
53-LIII	Nil		
54-LIV	0.006	0.006	
54-LIV	Nil		
55-LV	Nil		
57-LVII	Nil		
60-LX	0.003		
61-LXI	Nil		
D-1	Nil		
D-2	Nil		
D-3	0.003		

Certified by Donna Gardner



CLAIM LOCATION MAP C-1171
GENOME SYNDICATE PROPERTY
MALLARD TOWNSHIP, ONTARIO
 Porcupine Mining Division
 District of Sudbury
 Scale: 1 inch = 2640 feet

ERIC TWP.

2M.
3M.
4M.

To Sulpan Road

OSWAY TWP.

Sally's Lake

Opepeaway Lake

MAD LAKES

42687 Certificate of Analysis

Page: 1

July 23 91

Central Crude
C/O Box 2656
THUNDER BAY, ONTARIO
P7B 5G2

Work Order #: T910475
Project :

SAMPLE NUMBERS
Accuracy Location Customer

Gold Ppb
Gold Oz/T

WIDTH (m) Host

Sample No.	Accuracy	Location	Customer	Gold Ppb	Gold Oz/T	WIDTH (m)	Host
547524	W ₂ N	*2	11001	526	0.015	0.6	Resisting: no trace
547525	SE	*1	11002	3225	0.094	0.6	altered rock.
547526		*2	11003	69	0.002	0.5	no trace
547527	" "	*3	11004	25	<0.002	0.5	altered rock. 5% quartz
547528	G ₁ area	*3	11005	131	0.004	0.5	altered rock. some quartz
547529		*3	11006	31	<0.002	0.5	altered rock. some quartz
547530		*1	11007	54	0.002	0.5	altered rock.
547531	W ₂ N	*1	11008	49	<0.002	0.6	quartz, some material
547532	SE	*2	11009	<5	<0.002	0.4	quartz, some material
547533		*2	11010	35	<0.002	2.0	main rock, 10% quartz
547533		*1	11010	36	<0.002	Check	
547534		*2	11011	40	<0.002	4.0	altered rock (Sella's) some quartz
547535		*2	11012	3642	0.106	0.3	altered rock. some quartz
547536		*1	11013	88	0.003	1.0	altered rock.
547537		*1	11014	25	<0.002	0.4	altered rock.
547538	W ₁ N	*1	11015	52	0.002	0.3	altered rock.
547539	NE	*1	11016	123	0.004	0.5	altered rock.
547540		*1	11017	6	<0.002	0.3	altered rock.
547541		*1	11018	5	<0.002	0.3	altered rock.
547542		* 1 1/2	11019	645	0.019	Check	altered rock, small quartz
547542		* 1 1/2	11019	654	0.019	Check	main rock (all)
547543		* 1 1/2	11020	1669	0.049	0.5	quartz, some
547544		* 4	11021	7	<0.002	Check	main rock
547544		* 4	11021	<5	<0.002	Check	main rock

Sample from [unclear]

To: George Ross
40 Ford Ross
958 Park Ave.
Toronto, Ontario
416 716

George
Thanks for the tour
George
Duncan

KENNETH H. DARKE CONSULTANTS LIMITED

338 SPRUCE STREET NORTH
TIMMINS, ONTARIO
P4N 6N5
TELEPHONE (705) 264-1910
RESIDENCE 264-7403

MEMO TO: J.R.B. Parres, President
COPPERQUEST INC.

DATE: September 12, 1991

SUBJECT: Property Submittal/Examination;
Denomme Syndicate Gold Property;
Mallard Township, Ontario;
Porcupine Mining Division.

INTRODUCTION:

The subject Denomme Syndicate Gold Property is located in the south-east quadrant of Mallard Township, Swayze Gold Area, Ontario approximately five miles northwest of the Jerome Gold Mine (past producer). The property consists of approximately 90 unpatented mining claims that were staked this summer to cover a recently discovered major gold showing and the indicated strike extensions of the geologically-favourable stratigraphy/main gold-bearing shear zone.

Vehicular access to Mallard Township is readily gained from Timmins via paved highways to the junction of Highway 144 & the Sultan Industrial Road; thence west along the Sultan Road for 46 km (28 mi.) to a major road junction in Edith Township; and thence north via a newly upgraded, gravelled, log-haulage (E.B. Eddy Company) road for 26 km (16.1 mi.) to a campsite on the east bank of the Opeepeesway River. Total distance from Timmins to the aforementioned campsite on the property is 216 km (134 mi.); and the travelling time is three hours.

The purpose of this report is to briefly summarize the economic gold potential of the Denomme Syndicate Property; and to make recommendations to the management, CopperQuest Inc.

Sources of information for this report are an extensive personal knowledge of the Swayze Area; a personal property examination conducted on September 5, 1991 accompanied by Roger C. Denomme; and previous assay results (Gold Fields) supplied by Mr. Denomme.

HISTORY OF THE PROPERTY:

Although gold was first discovered in Mallard Township in 1931, and the general area has undergone extensive but sporadic exploration ever since, there is no evidence that the subject claim group has ever been subjected to any detailed exploration.

The initial claims on the property were staked to cover a gold showing discovered while prospecting along & adjacent to a new logging road. This Main (Visible Gold) Showing is located on mining claim P.1177543 that was recorded by Dennis Morin on June 3, 1991. The Main (V.G.) Showing was subsequently stripped & washed over an area approximately 80 ft. N-S by 70 ft. E-W.

In July 1991 the Main Showing was sampled by Gold Fields Canadian Mining, Ltd. (3-man crew; one day; channel samples cut with a diamond saw).

REGIONAL GEOLOGY:

The geology of Mallard Township is covered in Ont. Geol. Survey Report 248, Geology of the Garnet Lake Area, 1987; accompanied by coloured Map 2504, Scale: 1 inch = 2640 feet.

The predominant rock types underlying the Denomme Syndicate Property are Mafic Metavolcanics (flows), with a few, local Mafic Intrusives (gabbro, diorite). Also present in the area are locally intercalated Intermediate & Felsic Metavolcanics; and Felsic Intrusives (granodiorite, quartz monzonite).

A pervasive schistosity in the area strikes at N 30-40° W.

MAIN (V.G.) GOLD SHOWING:

The Main Gold Showing (mining claim P.1177543) consists of quartz stringer veins/pods hosted by a chloritic, schistose Mafic Metavolcanic (andesite?). The quartz stringer veins/pods in general trend parallel to the schistosity/shearing at N 40° W; and have been exposed within a zone approximately 40 ft. wide (across the shearing) by 30 ft. long ... refer to the accompanying "Sample Location Sketch" for details.

The quartz in places has significant disseminated pyrite (cubes) & minor chalcopryrite. Specks of visible gold (left in place) are also present in one pit near Channel Sample No. 3542.

Channel samples cut by Gold Fields (July 1991) show significant gold values within quartz zones over substantial channel lengths. Contiguous channel samples #41 & #42 assayed 0.15-0.30 oz.Au/ton across a width of approx. 5.0 feet. Sample #54, located along strike five ft. to the southeast, averaged 0.16 oz.Au/ton across 4.0 feet. Other samples (#39 & #55), located to the east & west respectively of the two aforementioned samples, averaged 0.02 oz.Au/ton across 4.0 feet ... there was only minimal quartz present in these latter channel samples.

The best gold values on this showing were obtained from a pit containing quartz stringers with associated pyrite cubes & disseminated chalcopryrite mineralization. Channel sample #43 taken adjacent to this pit averaged 2.91-3.34 oz.Au/ton across approx. 3.0 feet ... no visible gold is present in this area.

A 16-foot wide zone (across the shearing) containing up to 30% quartz-carbonate stringers in places with associated disseminated pyrite, chalcopryrite has been exposed on the northeast edge of the area stripped. Four channel samples taken by Gold Fields on scattered parts of this zone returned only negligible gold values; however, this is a strong, well-mineralized shear zone that obviously should be investigated further along its possible strike extensions.

NORTH GOLD SHOWING:

A small bedrock outcrop containing quartz vein material with minor pyrite/chalcopryrite was recently discovered approximately 500 ft. along

strike of the shearing at the Main (V.G.) Gold Showing. The few grab samples taken from this small outcrop exposure (located on the edge of a hill approx. 40 ft. west of the road) reportedly assayed from negligible to low but significant (0.08 oz.Au/ton) gold values. Because of its strategic location this showing should be investigated further by stripping/sampling.

CONCLUSIONS & RECOMMENDATIONS:

The presence on the property of gold-bearing quartz-carbonate stringer veins/pods associated with a major shear zone within altered mafic meta-volcanics is considered highly encouraging since elsewhere in the region such a geological environment contains gold deposits of economic significance.

The gold values on the property are confined to the quartz veins/pods, and appear to be highest where there is associated pyrite/chalcopyrite mineralization which is typical of many gold deposits found throughout the Abitibi Greenstone Belt.

It is considered significant that despite the limited amount of exploration conducted to date on the property a second zone of gold mineralization has been located 500 ft. along strike of the shear zone to the northwest of the one area (Main V.G. Showing) investigated in any detail. The area between these gold occurrences as well as along their possible strike extensions represent prime exploration target areas.

With respect to exploration along strike of the main shear zone and possibly parallel shears, it is worthy of note that significant gold showings occur on patented claims located along strike approximately one mile to the northwest of the Main V.G. Showing on the subject property.

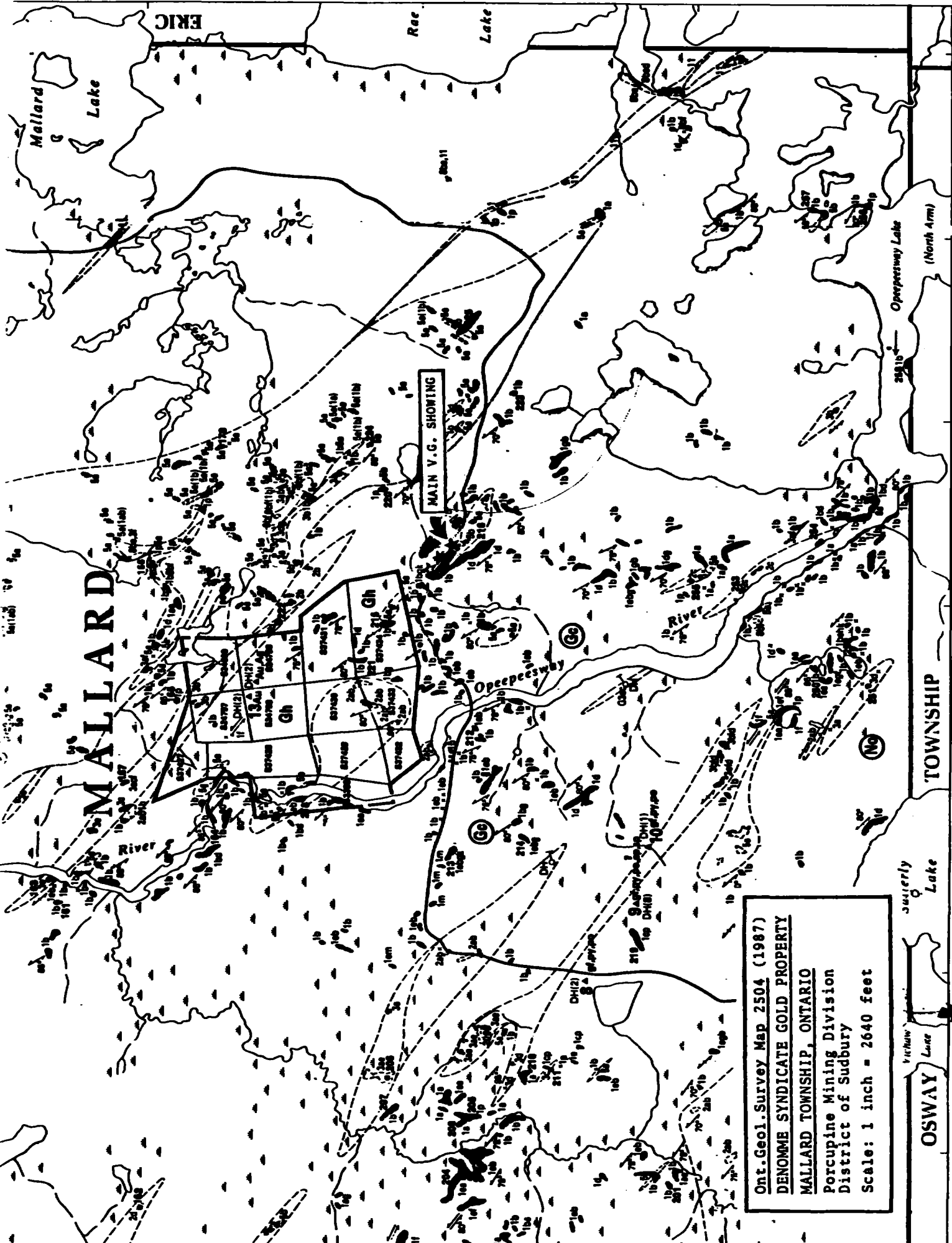
Additional exploration on the Denomme Syndicate Property is definitely warranted and is hereby recommended. This additional exploration should consist initially of mechanical stripping (power shovel), geological mapping of the stripped areas, sampling/assaying in the vicinity of & between the two known gold occurrences; as well as detailed prospecting along strike of these gold showings.

Because of the rapidly approaching winter freeze-up conditions the recommended preliminary exploration program should be commenced at the earliest convenience.

* * * * *



K.H. Darke, P.Eng.
Consulting Geological Engineer



Ont. Geol. Survey Map 2504 (1987)
DENOMME SYNDICATE GOLD PROPERTY
MALLARD TOWNSHIP, ONTARIO
 Porcupine Mining Division
 District of Sudbury
 Scale: 1 inch = 2640 feet

MALLARD

MAIN V.G. SHOWING

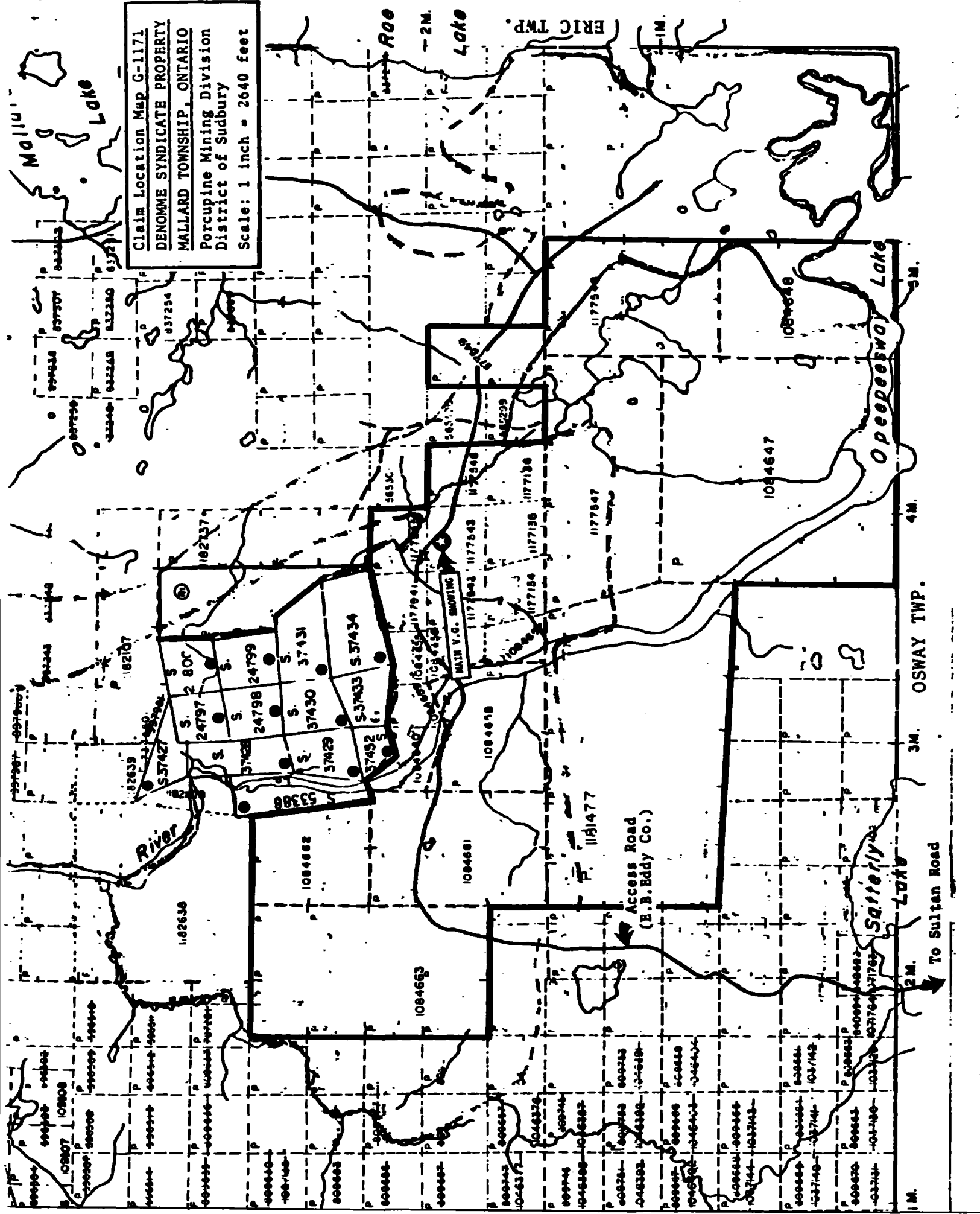
TOWNSHIP

OSWAY

To Sultan Road

52

Claim Location Map G-1171
 DENOMME SYNDICATE PROPERTY
 MALLARD TOWNSHIP, ONTARIO
 Porcupine Mining Division
 District of Sudbury
 Scale: 1 inch = 2640 feet



1 M. 2 M. 3 M. 4 M. 5 M.
 OSWAY TWP.
 To Sultan Road

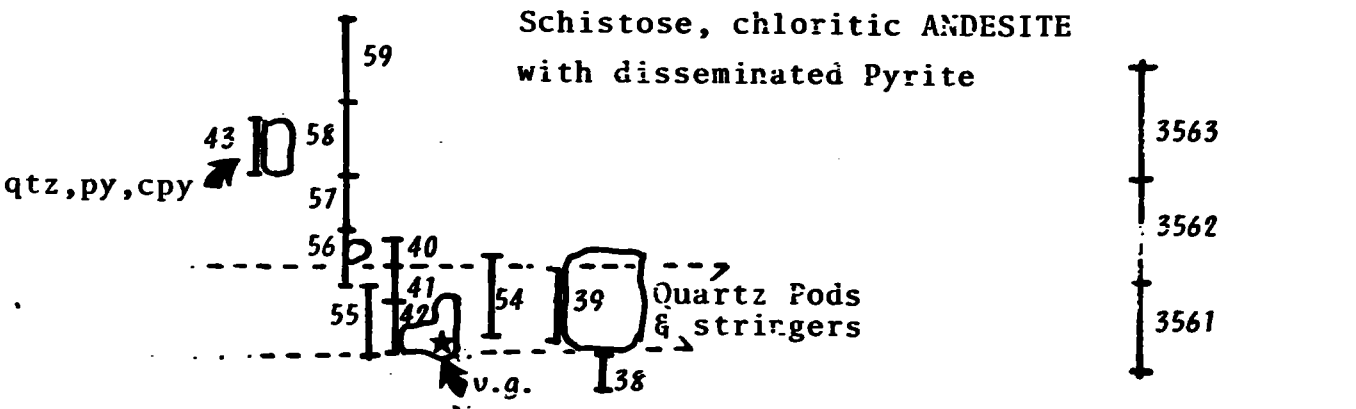
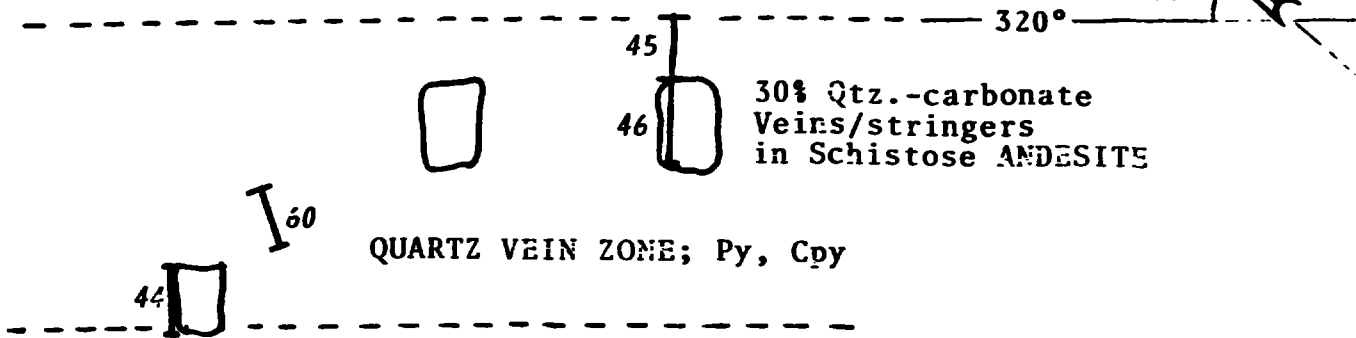
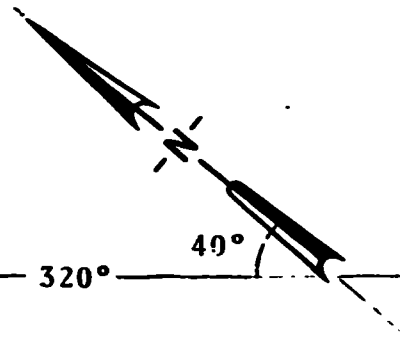
*NOTE:- Original sketch map by Gold Fields modified in part by K.H. Darke, P.Eng.; Sept. 12, 1991.

Schistosity

N40°W



Swampy;
Low Ground (Overburden)



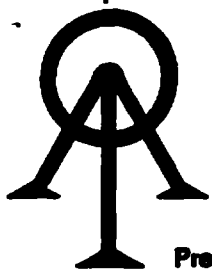
Schistose ANDESITE
(no quartz)

High Ground
(overburden)

Mining Claim P.1177543

GOLD FIELDS CANADIAN MINING, LTD.			
CHANNEL SAMPLES/ASSAYS (July 1991).			
Sample:	Gold Assays:	Second Cut:	
	ppb	oz/ton	oz/ton
3538	43		
39	748	0.02	
40	352	0.01	
41	1901	0.05	0.19-0.30
42	3318	0.10	0.15
43	114834	3.34	2.91
44	189		
45	10		
46	160		
47	416	0.01	
48	28		
49	888	0.03	
50	8		
51	201		
52	17		
53	85		
54	5437	0.16	
55	820	0.02	
56	29		
57	412	0.01	
58	163		
59	216		
60	nil		

Sample Location Sketch; *
Main (v.g.) Gold Showing.
DENOMME SYNDICATE PROPERTY
MALLARD TOWNSHIP, ONTARIO
Porcupine Mining Division
District of Sudbury
Scale: 1 inch = 10 feet



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

40631

Certificate of Analysis

Page: 1

Gold Fields Canadian Mining
 467-C Preston Lane
 P.O. Box 1150
 Timmins, Ontario
 P4N-7H9

July 19

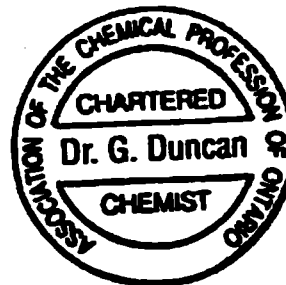
91

Work Order # : 910887
 Project : TR-RB-91-18

Accurassay	SAMPLE NUMBERS Customer	Gold ppb
246204	TR 3554	5437
246205	TR 3555	820
246206	TR 3556	29
246207	TR 3557	412
246208	TR 3558	163
246209	TR 3559	216
246210	TR 3560	<5
246211	TR 3561	74
246212	TR 3562	20
246213	TR 3563	24
246213	TR 3563	43 Check

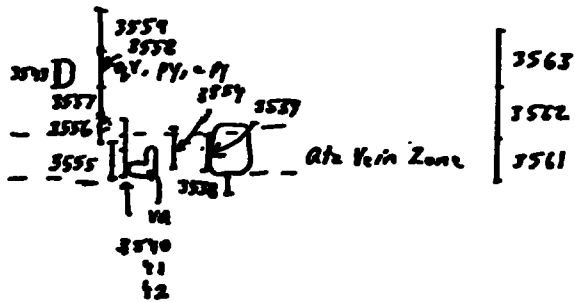
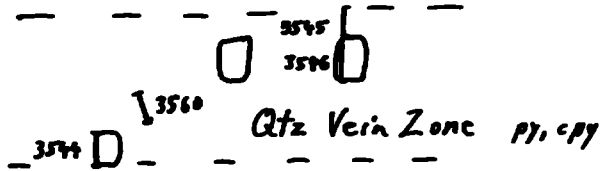
While we believe this information to have been obtained in accordance with standard industry practices, we make no representation with respect to, nor do we assume any responsibility for the correctness thereof.
 GOLD FIELDS CANADIAN MINING, LTD.

Mallard Prop.
Mallard Prop.



Per: *G. Duncan*

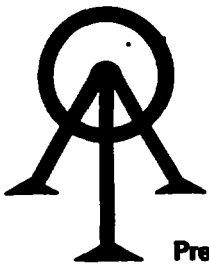
190° →



0 20 40 feet

"VG Showing"

Gold Fields Canadian Mining, Ltd
Mallard Property
Mallard Township, Ont.
NTS: 410/9
July 1991, RB, SL



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

40434

Certificate of Analysis

Page: 1

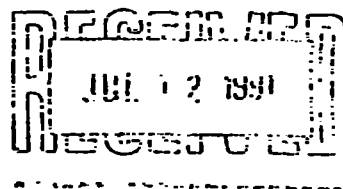
Gold Fields Canadian Mining
 467-C Preston Lane
 P.O.Box 1150
 Timmins, Ontario
 P4N-7H9

July 8

91

Work Order # : 910836
 Project : TR-RB-91-17

Accurassay	SAMPLE NUMBERS Customer	Gold ppb	
	245613	TR3538	43
	245614	TR3539	748
	245615	TR3540	352
	245616	TR3541	1901
	245617	TR3542	3318
	245618	TR3543	114834
	245619	TR3544	189
	245620	TR3545	10
	245621	TR3546	160
	245622	TR3547	343
	245622	TR3547	416 Check
	245623	TR3548	28
	245624	TR3549	888
	245625	TR3550	8
	245626	TR3551	201
	245627	TR3552	17
	245628	TR3553	61
	245628	TR3553	85 Check



*Timmins Reconc
 MILLARD PROP
 MILLARD TOP*

While we believe this information to have been obtained in accordance with standard industry practices, we make no representation with respect to, nor do we assume any responsibility for the correctness thereof.

GOLD FIELDS CANADIAN MINING LIMITED

Per: Brian Fraser

ORIGINAL



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3361

RECEIVED
 JUL 15 1991

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

40461

Certificate of Analysis

Page #1

July 10

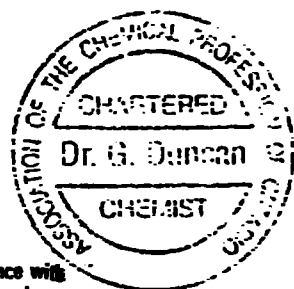
1991

Gold Fields Canadian Mining
 467-C Preston Lane
 Timmins, Ontario
 P4N 7H9

Work Order # 910836
 Project: # TR-RB-91-17

SAMPLE NUMBER		Original Gold	Second Cut
Accurassay	Customer	FA/AA ppb	FA/AA Oz/T
245616	TR 3541	1901	0.255/0.191/0.303
245617	TR 3542	3318	0.146
245618	TR 3543	114834	2.908

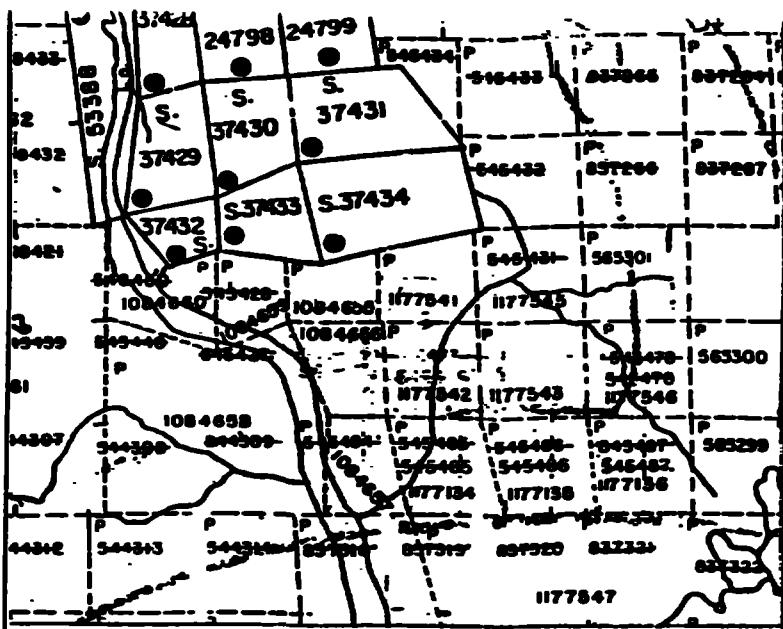
*Timmins
 RECON
 Mallard Prop
 Mallard Twp.*



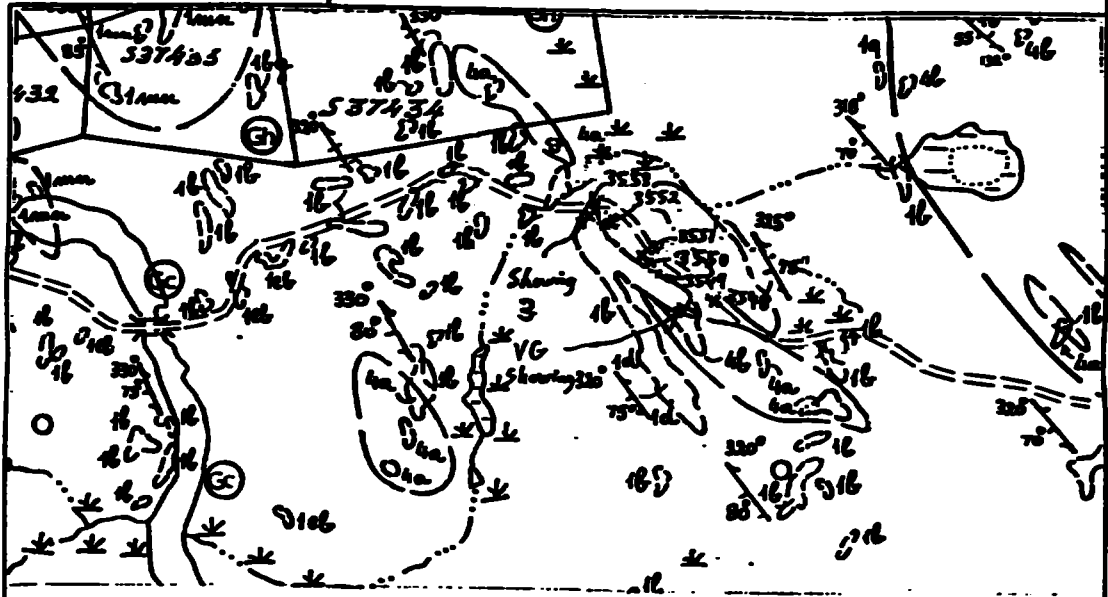
While we believe this information to have been obtained in accordance with standard industry practices, we make no representation with respect to, nor do we assume any responsibility for the correctness thereof.
 GOLD FIELDS CANADIAN MINING LIMITED

Per: *G. Duncan*

ORIGINAL



Scale 1" = 1 mile 0 1/4 1/2 mile



Scale 4" = 1 mile 0 1/4 1/2 mile

While we believe this information to have been obtained in accordance with standard industry practices, we make no representation with respect to, nor do we assume any responsibility for the correctness thereof.
GOLD FIELDS CANADIAN MINING, LTD.



PLACER DOME INC.
DOME MINE

BOX 70
SOUTH PORCUPINE, ONTARIO
PON 1H0

(705) 235-3221
TELEX 067-81811
TELECOPIER (705) 235-2343

ANALYTICAL SERVICES

CONFIDENTIAL

CERTIFICATE OF ANALYSIS

Customer: Placer Dome Inc. Expl. Dept.
PO Box 650, S. Porcupine Ont.
PON 1H0

DATE: June 17, 1991

Date sample Received: 6/14/91

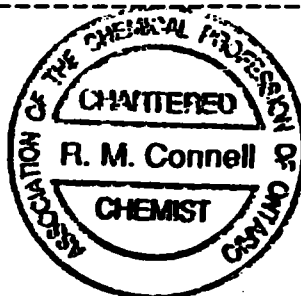
Proj. 205

Assay for..Au

Sample No.	Value in Gram per Ton	Rerun	Reject
23495	.21	.21	not mine
74991	682.31	551.84	exceeds pit #2 grab, py
74993	1.88	1.68	not mine

NOTE: N/D = NONE DETECTED

Assayed by: André O. Durin



Clegg & Company Ltd.
Jarrick Road
Ottawa, Ontario
K1G 9G2
(613) 749-2220 Telex 053-3233



Geochemical Lab Report

DATE PRINTED: 4-JUL-91

PROJECT: 205

PAGE 1

REPORT: 091-41872.0 (COMPLETE)

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
E2101		32 ↓
E2102		124
E2103		<5
E2104		198
E2105		132
<i>Mallard Twp. Property</i>		
E2106		>10000
E2107		168
E2108		35 ↑
E2109		14 ↓
E2110		28 ↓
<i>Roadside Property Garnet Twp</i>		
E2111		19
E2112		17
E2113		7
E2114		<5
E2115		<5

Asarco - Mallard Showing

Table 1 - Sample Results

SAMPLE #	OUTCROP	GRADE opt Au	DESCRIPTION
4980	#3	trace	Grab. Qtz vn. with minor Cpy.
4981	#3	0.009	Grab. Disseminated Py in sheared wallrock beside qtz. vein.
4982	#3	trace	Grab. Cpy rich qtz. vein.
4983	#3	trace	Grab. Muck from blasted qtz. vn.
4984	#2	trace	Grab. Siliceous and alt'd porphyry; 1% diss. Py, Cpy.
4985	#2	trace	Grab. Siliceous, alt'd rock adjacent to porphyry, qtz. stringers with diss. Py.
4986	#1	1.860	Grab. Cpy in vn. near VG.
4987	#1	0.369	Grab. 10% qtz. vn. with minor Cpy; 90% wallrock with 3% diss. med. gr. cubic Py.
4988	#1	0.264	Grab. 10% qtz.-carb. vn; 90% wallrock with 1% diss. fine gr. Py.



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1920

Page 1 of 2

Assay Certificate

1W-3366-RA1

Company: AMERICAN BARRICK RES. EXPL.

Project:

Anal:

MR. G. TOUSIGNANT

Date: JUL-16-91

Copy 1. P.O. BOX 1203, KIRKLAND LAKE, ONT. P2N 3M7

2. FAX TO 567-4320

We hereby certify the following Assay of 33 SPLIT CORE samples submitted JUL-10-91 by .

Sample Number	Au g/tonne	Au check g/tonne
74142	0.08	
74143	0.34	0.27
74144	0.01	
74145	0.01	
74146	Nil	
74147	0.01	
74148	0.01	
74149	0.06	
74150	0.04	
74151	0.02	
74152	0.03	
74153	0.32	
74154	0.16	
74155	0.09	
74156	156.21	147.70
74157	29.83	
74158	41.97	
74159	264.00	292.67
74160	1.04	
74161	1.58	
74162	0.09	
74163	0.13	
74164	2.06	2.26 ← between two stripped areas
74165	0.08	
74166	0.60	
74167	0.02	
74168	0.02	
74169	0.01	
74170	0.09	
74171	0.02	
74172	0.62	0.69
74173	0.03	
74174	0.02	

Pit #2
South east

Pit #1
North west

AMERICAN BARRICK RESOURCES CORPORATION

August 12, 1991

Mr. Roger Denomme
387 Brousseau Avenue
Timmins, Ontario
P4N 5Z2

Dear Roger:

OK, we have had a look at the data and tried to put things together in this part of the Swayze Belt. While you certainly have some good assays this is not a property that Barrick will spring for at the moment.

I am enclosing a sample description sheet along with a rough plot of the sample locations, a copy of the assay sheets and the invoice (for you to file for assessment should you wish).

I wish you luck in moving this one and hope you keep us in mind for future opportunities. It was also good to see you again.

Best regards,

Dale R. Alexander

for
Dale R. Alexander
Senior Exploration Geologist

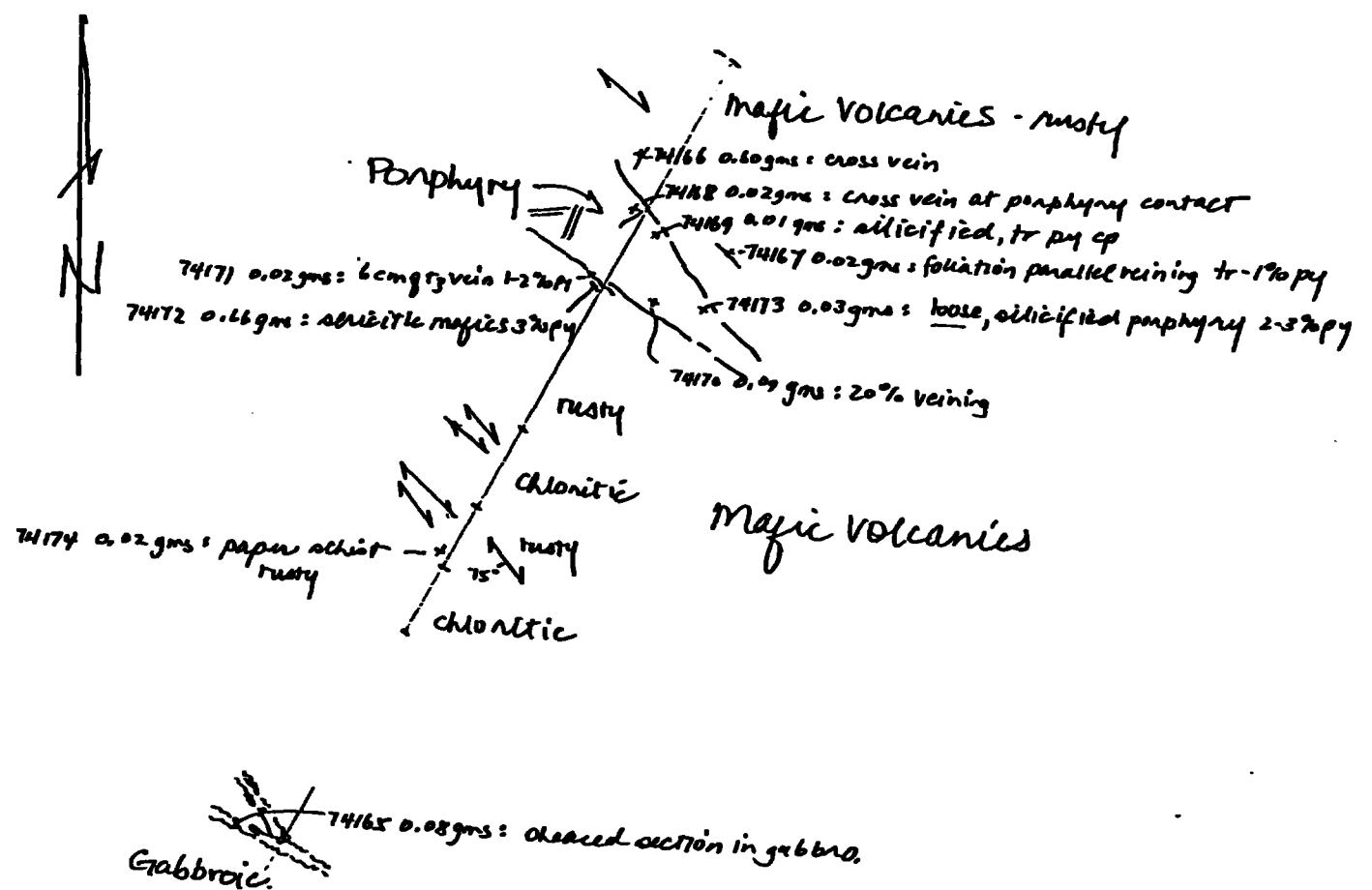
DRA/ag
Encls.

... junction with
high grade

Denomme / Ross property Mallard Twp SE Stripped Area

74163 0.13gms: highly contorted vein with chlorite and tourmaline

1" = 20'



Denomme / Ross property Mallard Twp NW Stripped Area

1" = 20'

74161 - Mall - 20 - chip samples from margin of wider
bullish quartz veins to north. of high
grade. Margins again are antiferitic,
traces of pyrite in wallrock. 20% of
sample is veining. 1.58 gms / 0.046 gms

74162 - Mall - 21 : sample from main pit - trace of
veining with the highly foliated wallrock.
No sulphides. The carbonate in the
host is partlyankerite. 0.09 gms

74163 - Mall - 22 : sample 75 to 80' south of porphyry area.
a highly contorted 2cm quartz vein
with chlorite fracturing and tourmaline.
Wallrock is sericitic and chloritic.
Unmineralized. 50% to veining. 0.13 gms

74164 - Mall - 23 : sample intermediate between two
stripped areas. Poor exposure. Sample is
40% veining with 3 to 5% cubic py.
2.16 gms / 0.06 gms

74165 - Mall - 24 : sample of sheared rock from far
southern exposure at second stripped
area. Coal black to dark green chloritic
zone at 298° within gabbro. Sample
is unveined and unmineralized. 0.68 gms

74166 - Mall - 25 : from second showing - samples 25 to 33
go roughly north to south. Sample 25 at
north end of o/c in sheared, rusty
mafic volcanics attempting to sample a
narrow cross-vein. 0.66 gms

74167 - Mall - 26 : same area as sample 25 - sample
of foliation parallel veining to east.
Again, quartz veining with ankerite,
trace to 1% py in wallrock. 0.02 gms

74168 - Mall - 27 : sample from porphyry unit - a
cross-vein at the contact. (225°). Rusty,
no mineralization noted due to rust. 0.02 gms

74169 - Mall - 28 : sample of porphyry near the north
contact. Porphyry is pinkish to grey
with about 10% of the foliation parallel
veins and a trace of py and cp. The
rock looks partially silicified. 0.01 gms

74170 - Mall - 29 : sample of porphyry at the south
contact. There is less than 20% veining in
the sample, no sulphides. The porphyry
is pale grey and silicified with yellowish

74151 - Mall-10 - same area and location as samples 8 and 9, just 3 ft north in a vein at 320°. Wallrock is a dark green mafic volcanic. Veining is quartz with ankerite lagain, only a trace of pyrite. 0.02gms

74152 - Mall-11 - roughly 15' west from samples 8, 9, 10. Small vein at 315° that is largely ankerite. About 10% of the sample is veining with 1% pyrite and chalcoppyrite in a foliated basalt. 0.03gms

74153 - Mall-12 - roughly 30' west of samples 8, 9, 10, another pit. Sample of ankerite-quartz veining (6cm) with roughly 2% py and cp in foliated basalt host. 0.32gms

74154 - Mall-13 - sample of narrower veins at same location as 12. Vein is about 1cm with chalcoppyrite at the margins (1 to 2%). Wallrock is foliated, ankeritic and sericitic. 0.16gms

74155 - Mall-14 - sample of wallrock at site 13 - a foliated basalt with minor 2 to 5mm veins and 2 to 3% coarse cubic pyrite. 0.09gms

74156 - Mall-15 - sample 10 feet south of 12, 13, 14. a cross vein. Quartz-ankerite with 10-15% coarse cubic pyrite. 151.96gms/4.43035

74157 - Mall-16 - sample from same location as 15 in the cross vein but here with about 10% cp and py in roughly equal amounts. Difficult to get sample so part of sample is loose. 29.83gms/0.87035

74158 - Mall-17 - sample just north of high-grade zone (3") in main pit area. About 90% quartz plus rust and traces of py cp. 41.97gms/1.22035

74159 - Mall-18 - sample from cross-vein just east of high grade section - 220°. Sample is about 80% quartz, 2 to 3% cp, plus minor sericitic wallrock. 278.34gms/8.12035

74160 - Mall-19 - sample of heavily rusted wallrock just south of high-grade occurrence. Unveined and unmineralized. 7.04gms/0.03035

Mallard Township.

R. Denomme and G. Ross property.

Sample.

- 74142 - Mall-1 - north end southeast pit, sample of cross-vein at south porphyry contact. Quartz within altered porphyry. Tr py barite. 0.08gms.
- 74143 - Mall-2 - sample of less altered porphyry at this location - center of dyke. Grey, fg, siliceous. Trace of veining, trace py, cp. 0.31gms
- 74144 - Mall-3 - sample of altered porphyry 18" north of south contact. Porphyry is streaked with orange to reddish stain. Unveined. 0.01gms unmineralized.
- 74145 - Mall-4 - 20' east of porphyry exposure - mostly mafic volcanic with a 1-cm vein of quartz. Unmineralized but sample is totally rusted. 0.01gms
- 74146 - Mall-5 - sample 35' east of porphyry in 18" bull quartz vein at 290°. The vein contains fine fractures with calcite, chlorite and sericite ± antlerite. The vein also has some ribboned fractures with tourmaline. Unmineralized. nil
- 74147 - Mall-6 - sample from a 3cm vein at 305°, 15' south of the bull quartz vein described above. Vein is unmineralized, has antleritic margins to dull antleritic fracturing. Host is a dark green mafic volcanic (15% of sample). 0.01gms
- 74148 - Mall-7 - Heavily rusted sample 15' south of last sample. Sample taken for a milky quartz vein that is a cross feature. Unmineralized. 0.01gms
- 74149 - Mall-8 - From porphyry area - 15 to 20' south at 220°, 5 to 10" west another small blast area. Sample of veining here at 305°. Veins are milky quartz with ochre to creamy antlerite. Some chlorite and sericite fracturing. 3 to 5% pyrite. 0.06g
- 74150 - Mall-9 - same veining and area as above (see sample (#8)) but here there are some fractures with tourmaline and less wallrock is present with 2 to 3% py. 0.04

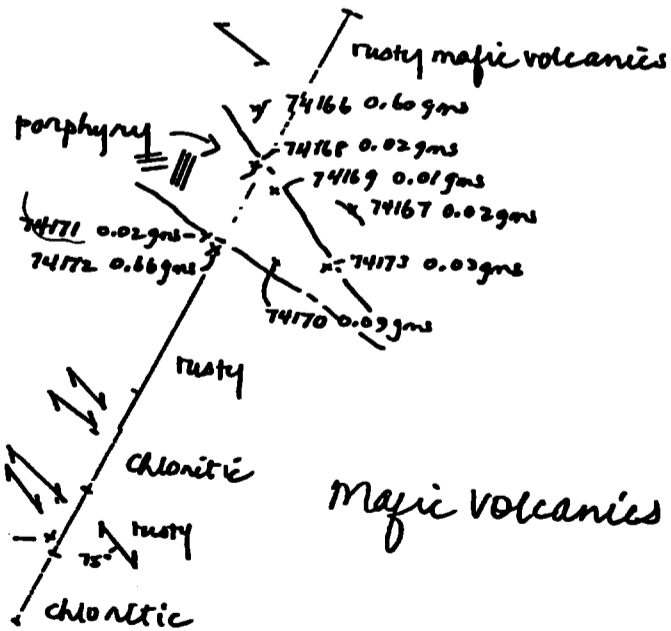
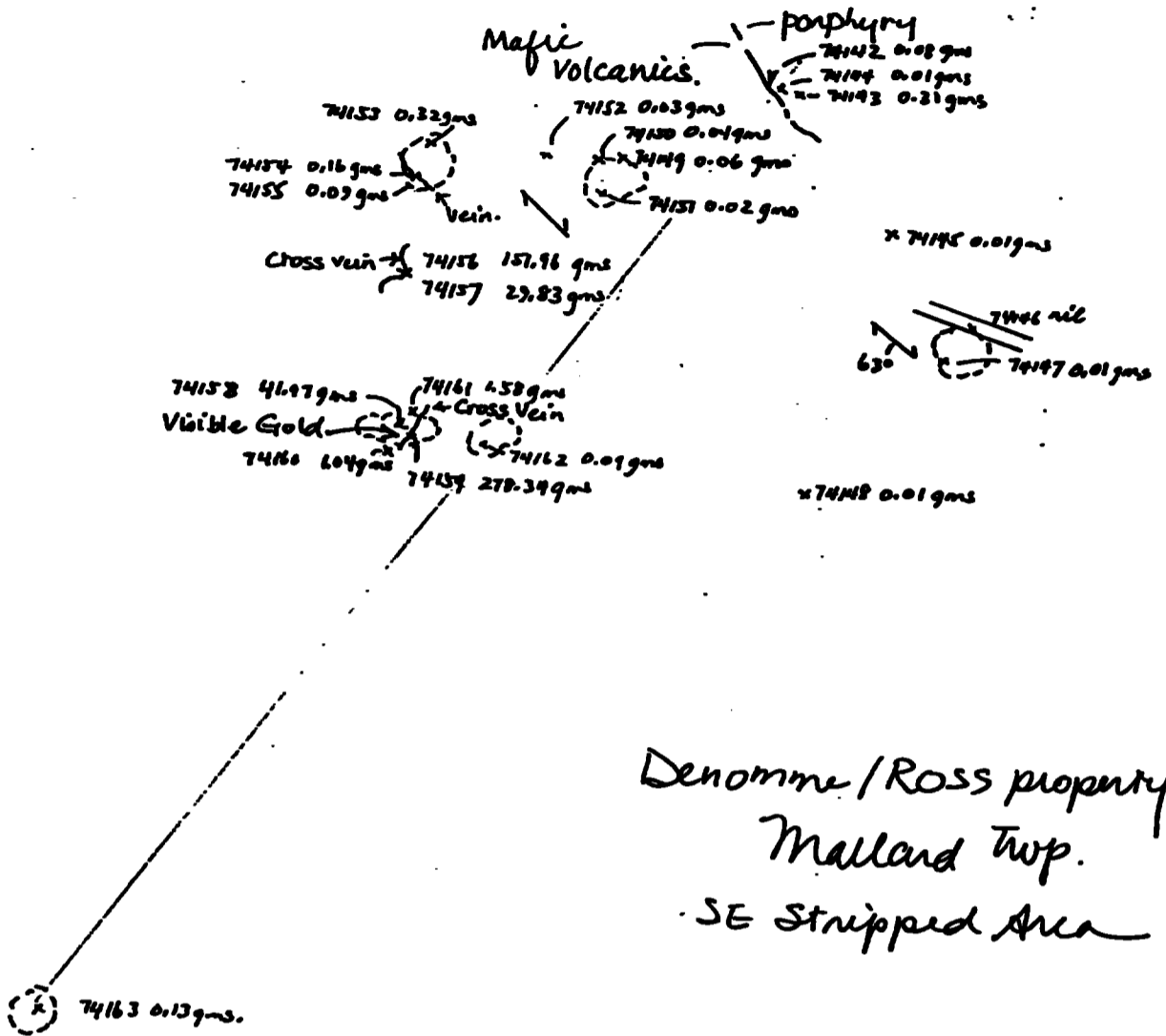
to pinkish orange healed fractures. The sample is partly rusted. 0.09 gms

74171 - Mall-30: sample of a 6 cm quartz vein with creamy antlerite fracturing. The vein occurs within the sheared, rusty volcanics near the porphyry contact. The volcanics are partly rusted and mineralized with 1 to 2% fine pyrite. The host is antleritic. The vein is foliation parallel. 0.02 gms

74172 - Mall-31: sample of silicified finely veined mafic volcanics about 3 feet south of porphyry contact. About 3% fine cubic pyrite. 0.66 gms

74173 - Mall-32: loose sample of silicified porphyry - actually north of samples 30, 31. Rock is orangish to yellowish grey with 2-3% py 0.03 gms

74174 - Mall-33: sample of paper schist just previous to last chloritic unit (~ 62' south) Sample is orangish to grey carbonate (that rusts) interlayered with chlorite. Trace of pyrite. 0.02 gms



74174 0.029ms: paper schist
rusty

REFERENCES

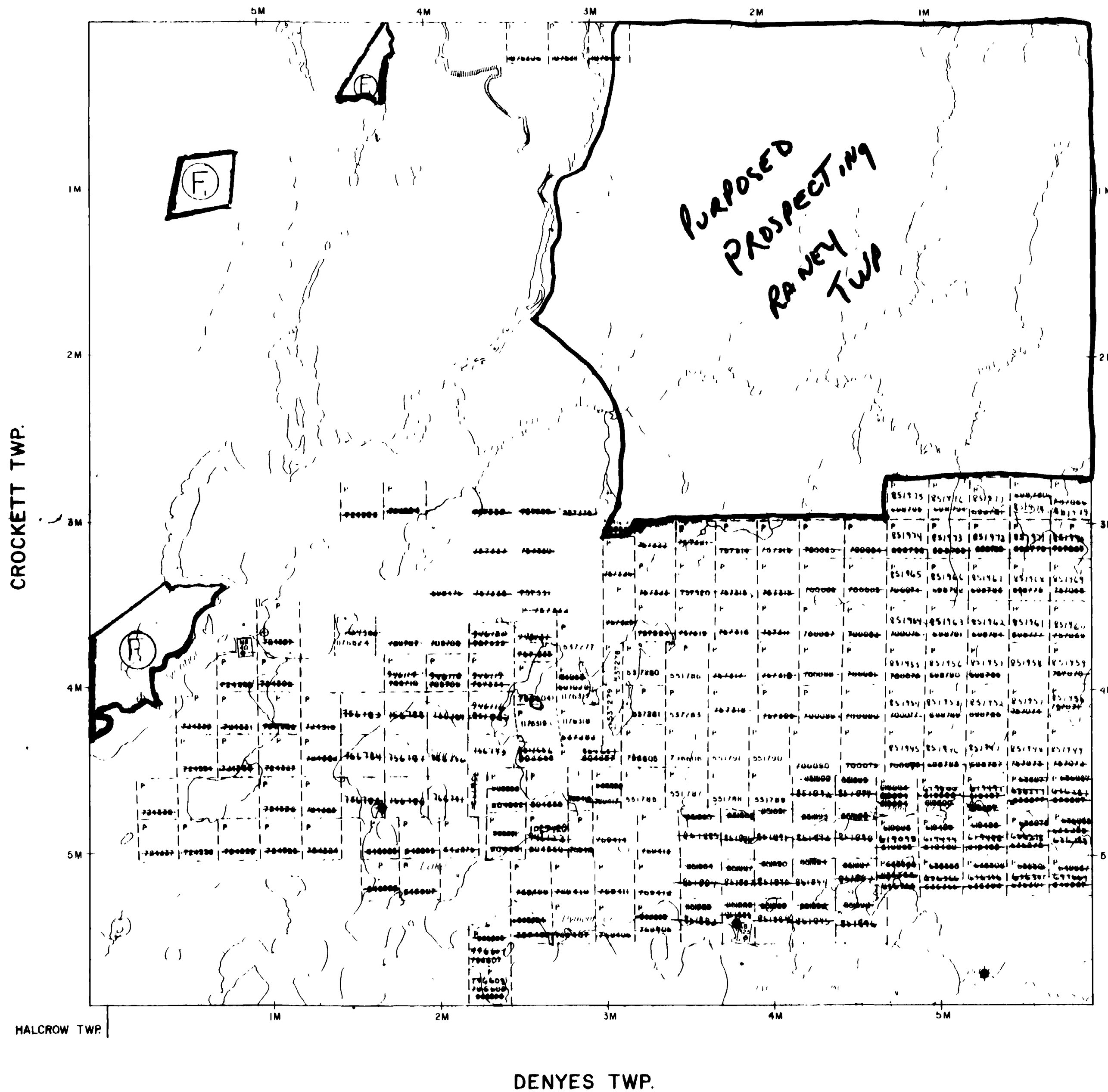
AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M. & S. - MINING AND SURFACE RIGHTS

Description	Order No	Date	Disposition	File
SMR				
M.S.A. & M.R. withdrawn from staking 1/24/86 cancelled				

SMR
M.S.A. & M.R. withdrawn from staking
1/24/86 cancelled

HELLYER TWP.



LEGEND

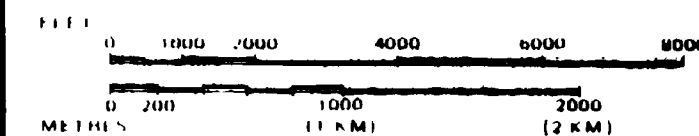
- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES ETC
- LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION 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	OC
RESERVATION	○
CANCELLED	⊙
SAND & GRAVEL	⊙
REMOTE TOURIST CAMPS	◆

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 INCH = 40 CHAINS



NOTES
 (1) THIS TWP IS SUBJECT TO FOREST ACTIVITIES IN 1990
 FURTHER INFORMATION AVAILABLE ON FILE

TOWNSHIP

RANEY

M.N.R. ADMINISTRATIVE DISTRICT
 CHAPLEAU
 MINING DIVISION
 PORCUPINE
 LAND TITLES / REGISTRY DIVISION
 SUDBURY

Ministry of Land Management
 Ontario Natural Resources Branch

Date MARCH, 1985

Number

Revised Apr 1985

G-3245

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



4200101 00101 242 MAIL 1A01

REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
400 RESERVE			A.R.O.	03637
SEC 43/70	W 31/72	23/07/79	S.K.O.	43006 V2
SEC 34/70		11/10	S.P.O.	03617
ORDER OF THE MINISTER #33/87 DATED MARCH 30/87 WITHDRAWING MINING AND SURFACE RIGHTS UNDER SECTION 34 OF THE MINES ACT R.S.O. 1980				

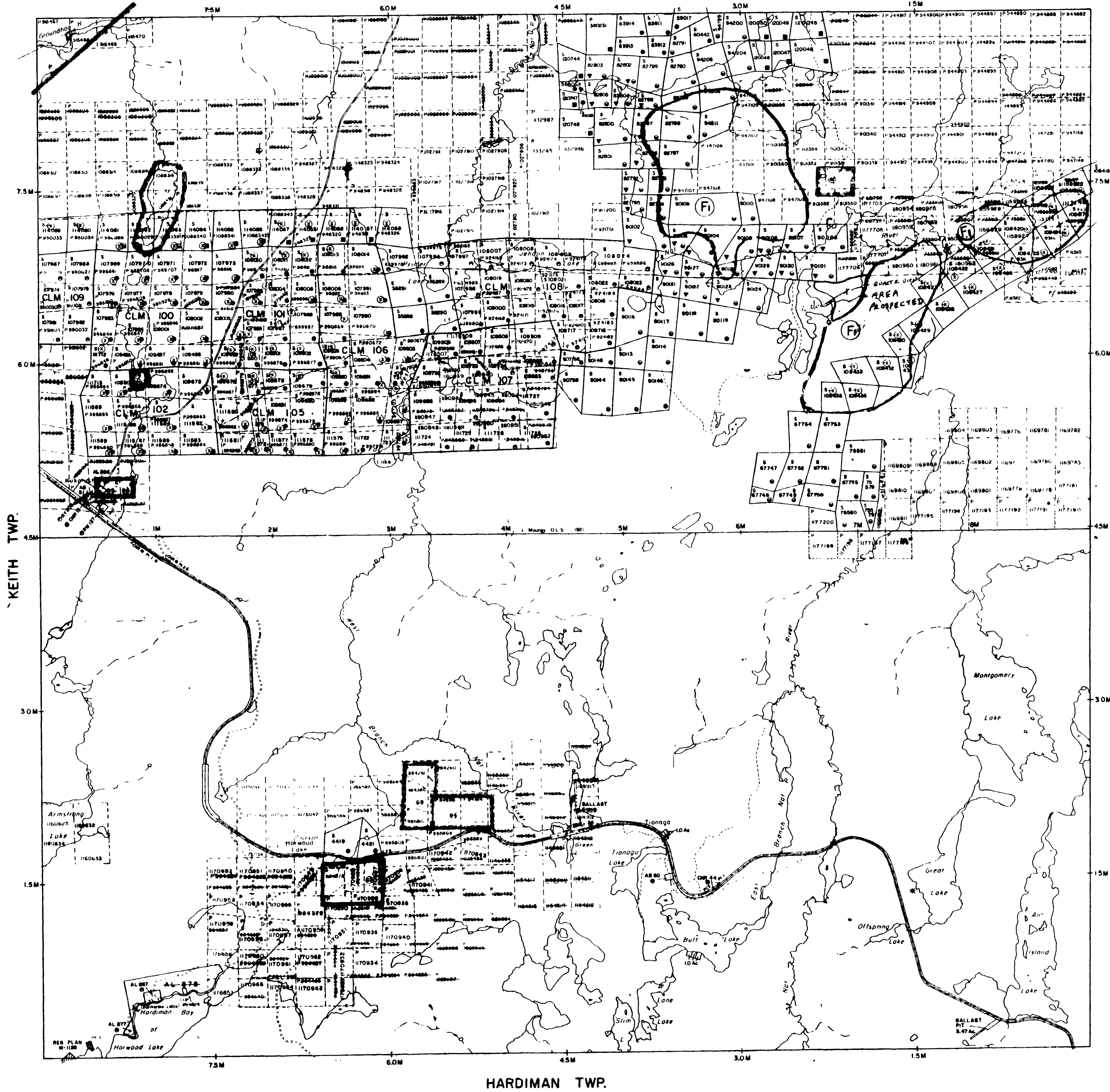
SAND AND GRAVEL

GRAVEL	F.E.E.	18723
GRAVEL RT	F.E.E.	1666 V4
GRAVEL	F.E.E.	10674
QUARRY PERMIT #28008 ISSUED FOR THE REMOVAL OF THE QUARTZ JULY 1, 1987		
QUARRY PERMIT # 28008 ISSUED FOR THE REMOVAL OF QUARTZ SEPT 10, 1987		
* UNREGISTERED PATENT AND LEASD CLAIMS		

F1 - THIS TWP SUBJECT TO FOREST ACTIVITY IN 1991/92
FURTHER INFORMATION AVAILABLE ON FILE

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.

REEVES TWP.



HARDIMAN TWP.

LEGEND

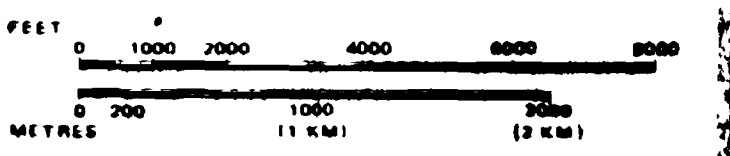
HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES, ETC	
LOTS, MINING CLAIMS, PARCELS, ETC	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE 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	

LAND USE PERMIT
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1919, CHAP. 206, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



REVISED JANUARY 30, 1981

TOWNSHIP
PENHORWOOD
M.N.R. ADMINISTRATIVE DISTRICT
CHAPLEAU
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
SUDBURY

Ministry of Natural Resources
Land Management Branch
Ontario

819 MARCH 1985
Number
G-3244



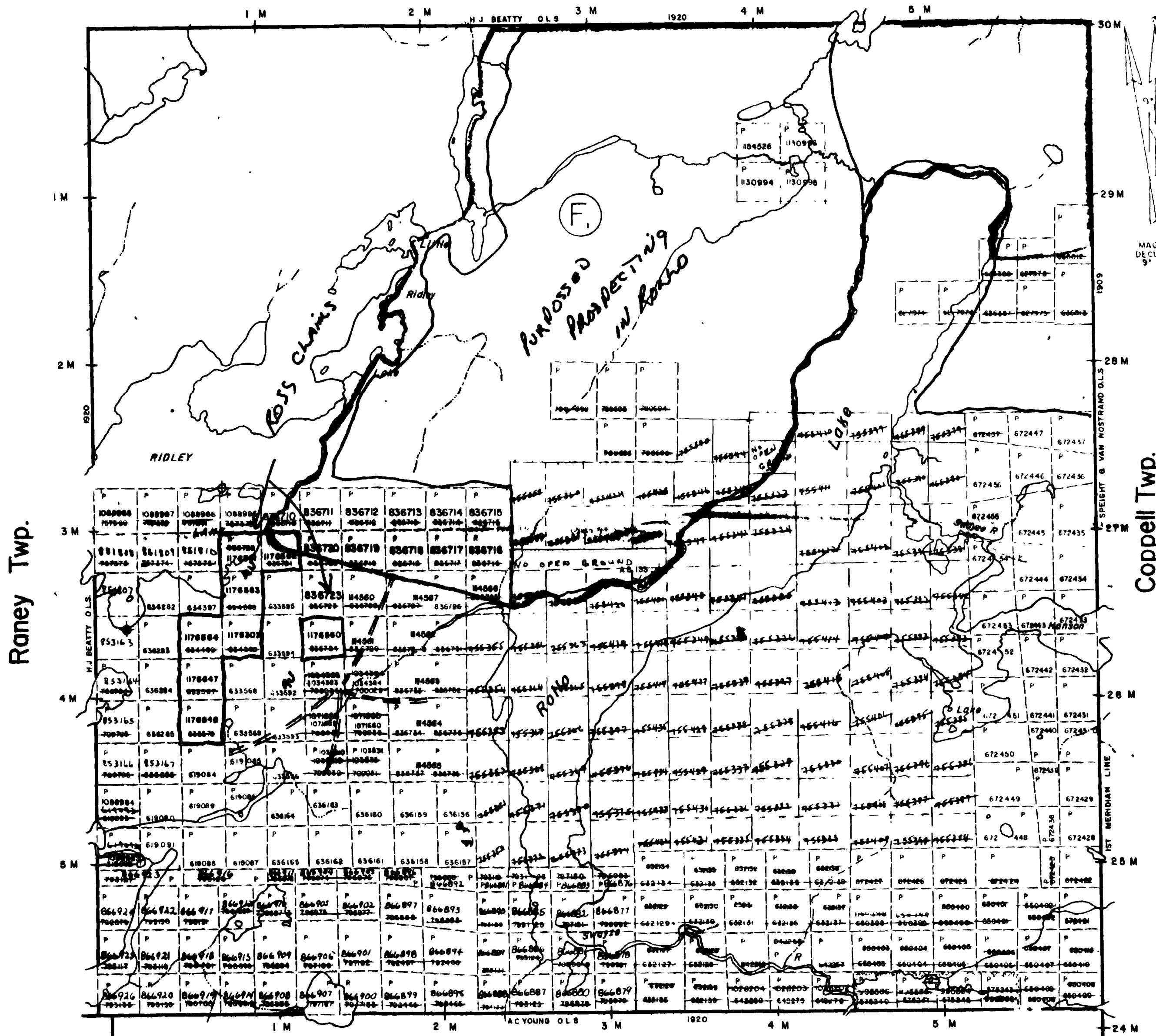
REFERENCES

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
APPLICATION REC'D FOR EXPLORATORY LICENCE OF OCCUPATION... LAND NOT OPEN TO STAKING 11/01/47				

Biggs Twp.



LEGEND

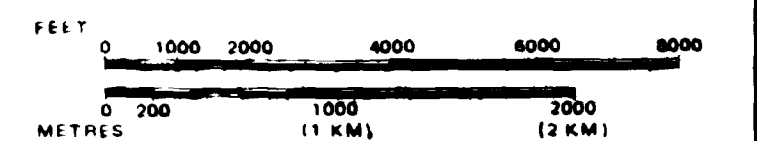
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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	
REMOTE TOURIST CAMPS	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8 1948, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



NOTES

THIS TWP. IS SUBJECT TO FOREST ACTIVITIES IN 1980. FURTHER INFORMATION AVAILABLE ON FILE.

TOWNSHIP

ROLLO

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY



Ministry of Natural Resources
Land Management Branch

Date MARCH, 1985

Number

G-3246

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.



42801NE0030 OP91-242 MALLARD

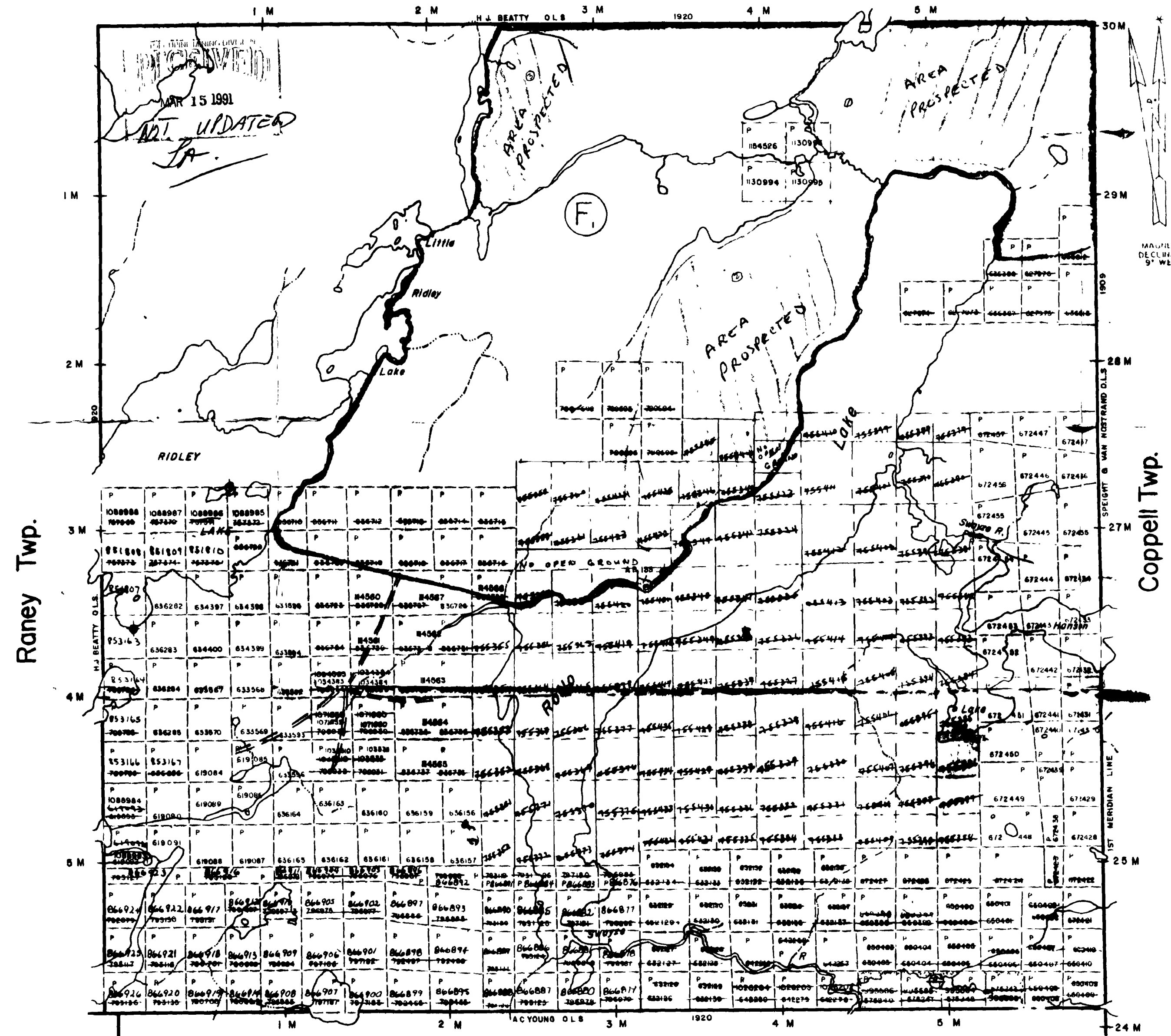
REFERENCES

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
APPLICATION INC'D FOR EXPLORATORY				
RECORD OF OCCUPATION... LAND NOT OPEN				
TO STAKING 23/01/87				

Biggs Twp.

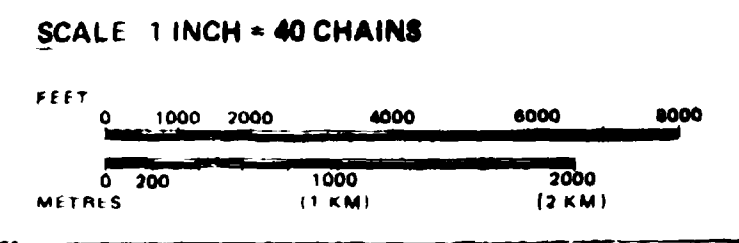


LEGEND

- 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

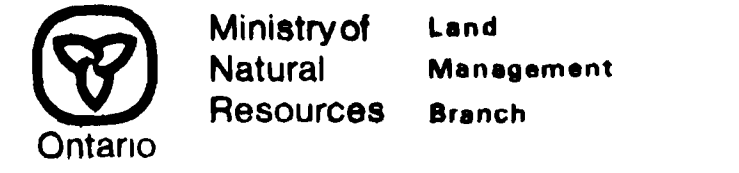
DISPOSITION OF CROWN LANDS

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	
REMOTE TOURIST CAMPS	



NOTES
 THIS TWP. IS SUBJECT TO FOREST ACTIVITIES IN REG. FURTHER INFORMATION AVAILABLE ON FILE.

TOWNSHIP
ROLLO
 M.N.R. ADMINISTRATIVE DISTRICT
CHAPLEAU
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
SUDBURY



Date MARCH, 1985
 Number **G-3246**

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.



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 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1

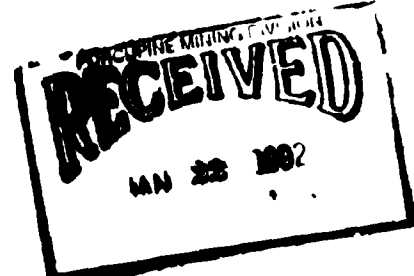
AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M+S - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

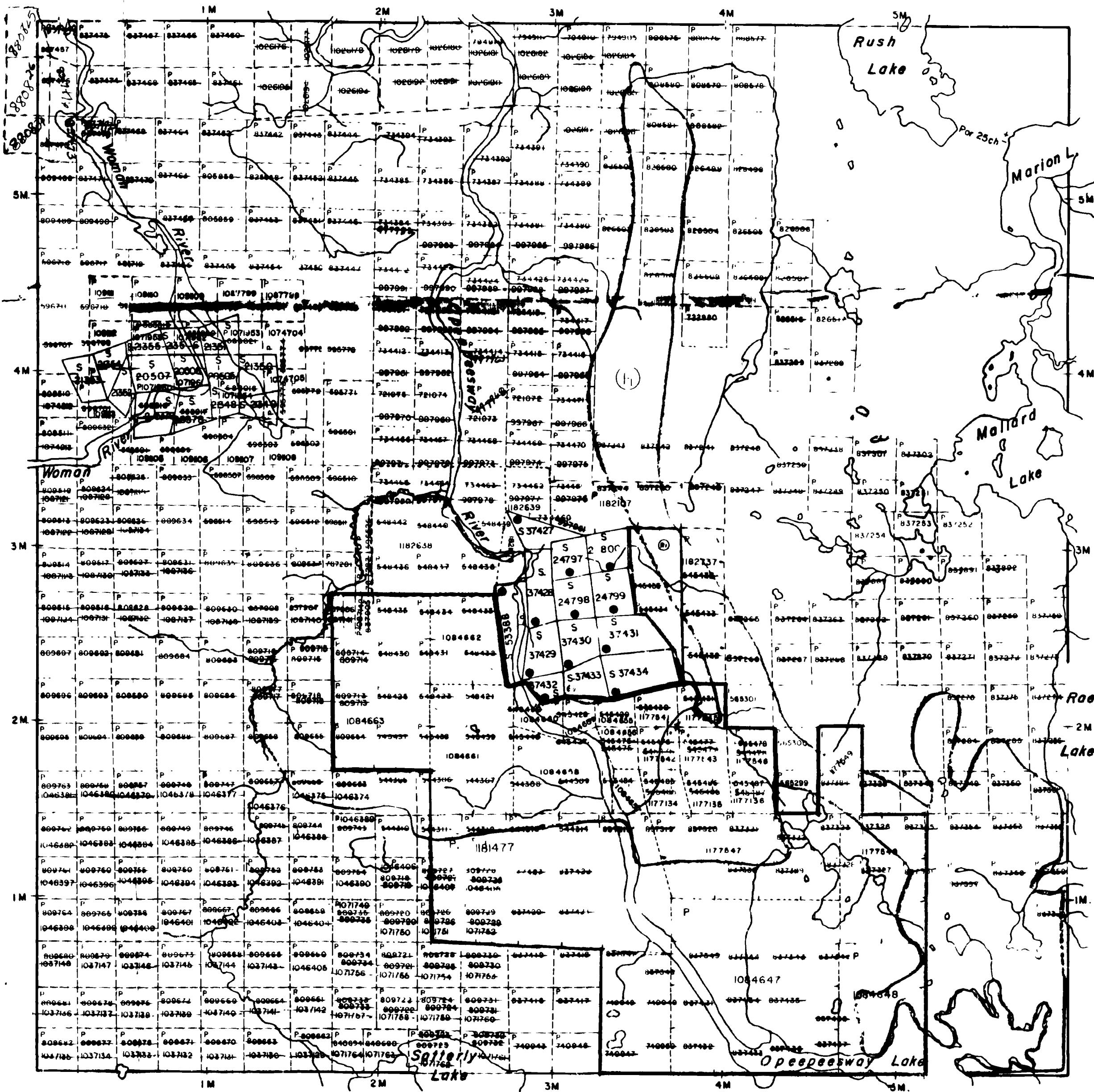
(F) THIS TWP IS SUBJECT TO FOREST ACTIVITIES IN 1991. FURTHER INFORMATION AVAILABLE ON FILE

(D) LAND NOT OPEN FOR STAKING SECTION 31(1) OF THE MINING ACT R.S.O. 1980, APPEAL 91-AUG-28



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

MARION TWP.



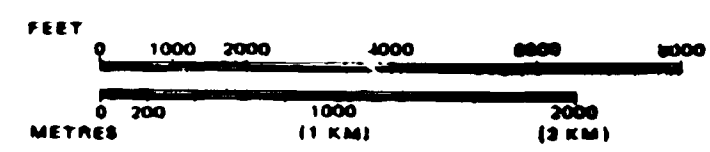
MALLARD PROPERTY

OSWAY 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
- TRAVEESE MONUMENT

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP OF
MALLARD
DISTRICT OF
SUBBURY

MINING DIVISION
PORCUPINE
Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

Date JULY 1986 Plan No. G-1171
National Topographic Series
CA 98 16/86

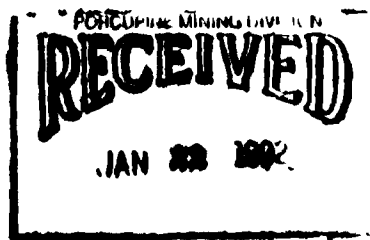


NOTES

400 Surface rights reservation along the shores of all lakes and rivers

(FOI) Filed Only Applications (file 839762)

THIS TWP IS SUBJECT TO FOREST ACTIVITIES IN 1991
FURTHER INFORMATION AVAILABLE ON FILE



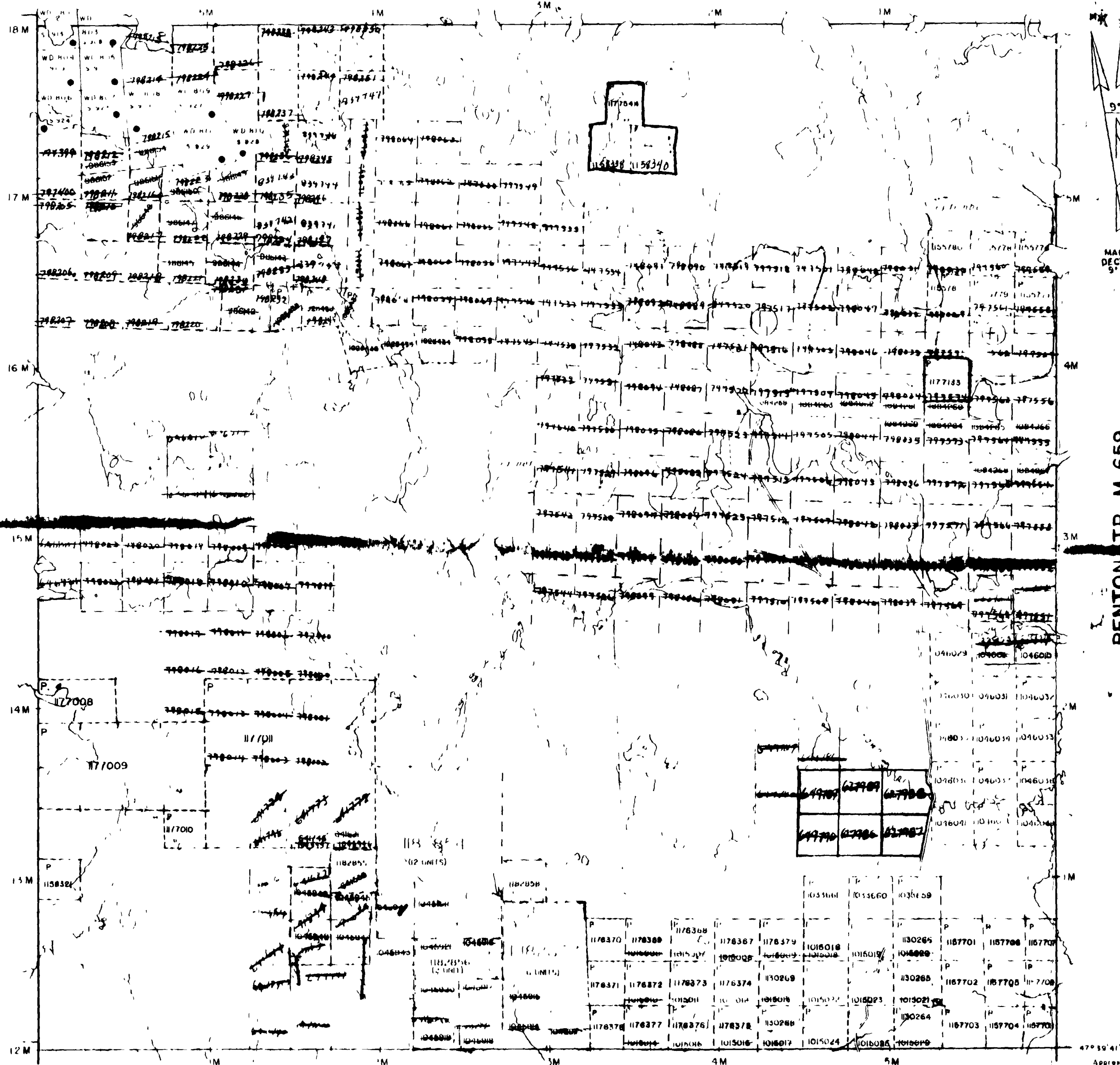
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

DORE TP. M.763

CUNNINGHAM TP. M.744

BENTON TP. M.659

FAWN TP. M.804



LEGEND

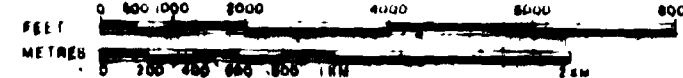
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS, ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKIEG
- MINES

FOI Filed ONLY - see file 839762

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	
EVIDENCE OF OCCUPATION	
CROWN LAND SALE	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

SCALE: 1 INCH = 40 CHAINS



ACRES	HECTARES
40	16

TOWNSHIP
GARNET

DISTRICT
SUDBURY

MINING DIVISION

Porcupine
Received Jan 4 1992

Ministry of Natural Resources

Ontario Surveys and Mapping Branch

Date April 27th 1993
Whitby Block
Queen Park, Ontario

Plan No
M.82



NEWTON TWP.

THE TOWNSHIP
OF
HEENAN

DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓞ
LOCATED LAND	Loc
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKOGEE	—
MINES	Ⓧ
CANCELLED	Ⓞ

NOTES

FOR STATE RIGHTS IN PATENTED LANDS, THE SHARES OF ALL INTERESTS ARE

The Mining and Surface Rights of the former Mining Claims P-554702, P-554703, P-554704 are withdrawn from staking by ORDER NRW 5/87

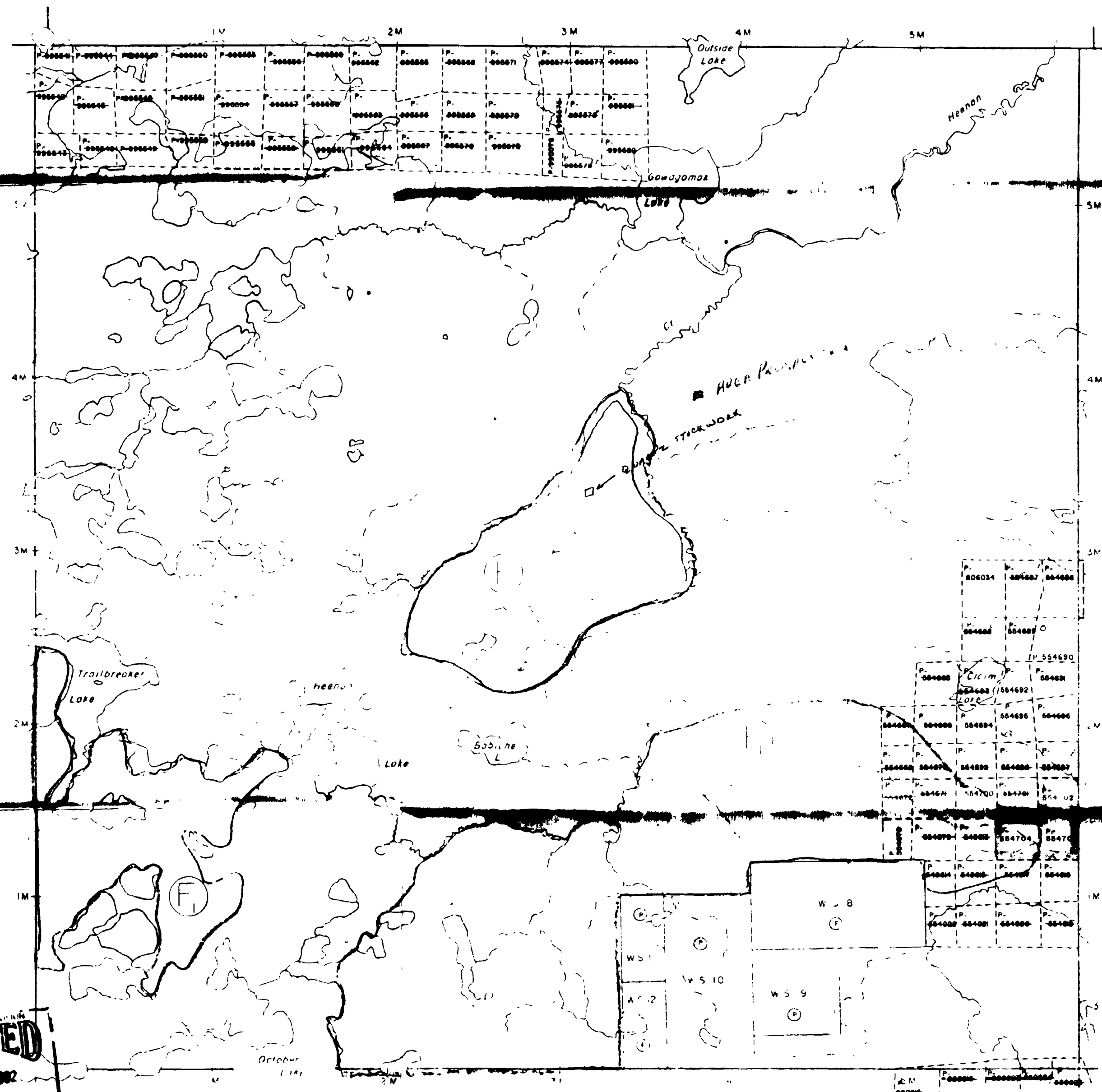
THE TOWNSHIP OF HEENAN IS A PART OF THE DISTRICT OF SUDBURY. FOR FURTHER INFORMATION AVAILABLE ON FILE

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

CHECKED BY D. CHOLETTE
IN SERVICE OCT. 24/89

PLAN NO. **M-925**

**ONTARIO
DEPARTMENT OF MINES
AND NORTHERN AFFAIRS**



RECEIVED
JAN 23 1992

BENTON TWP. M-659

DORE TWP. M-763

MARION TWP. M-853

HEENAN TWP.

N-852

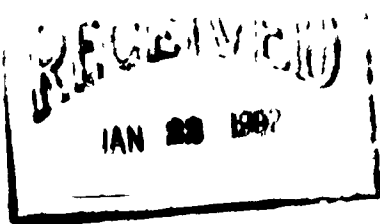


REFERENCES

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

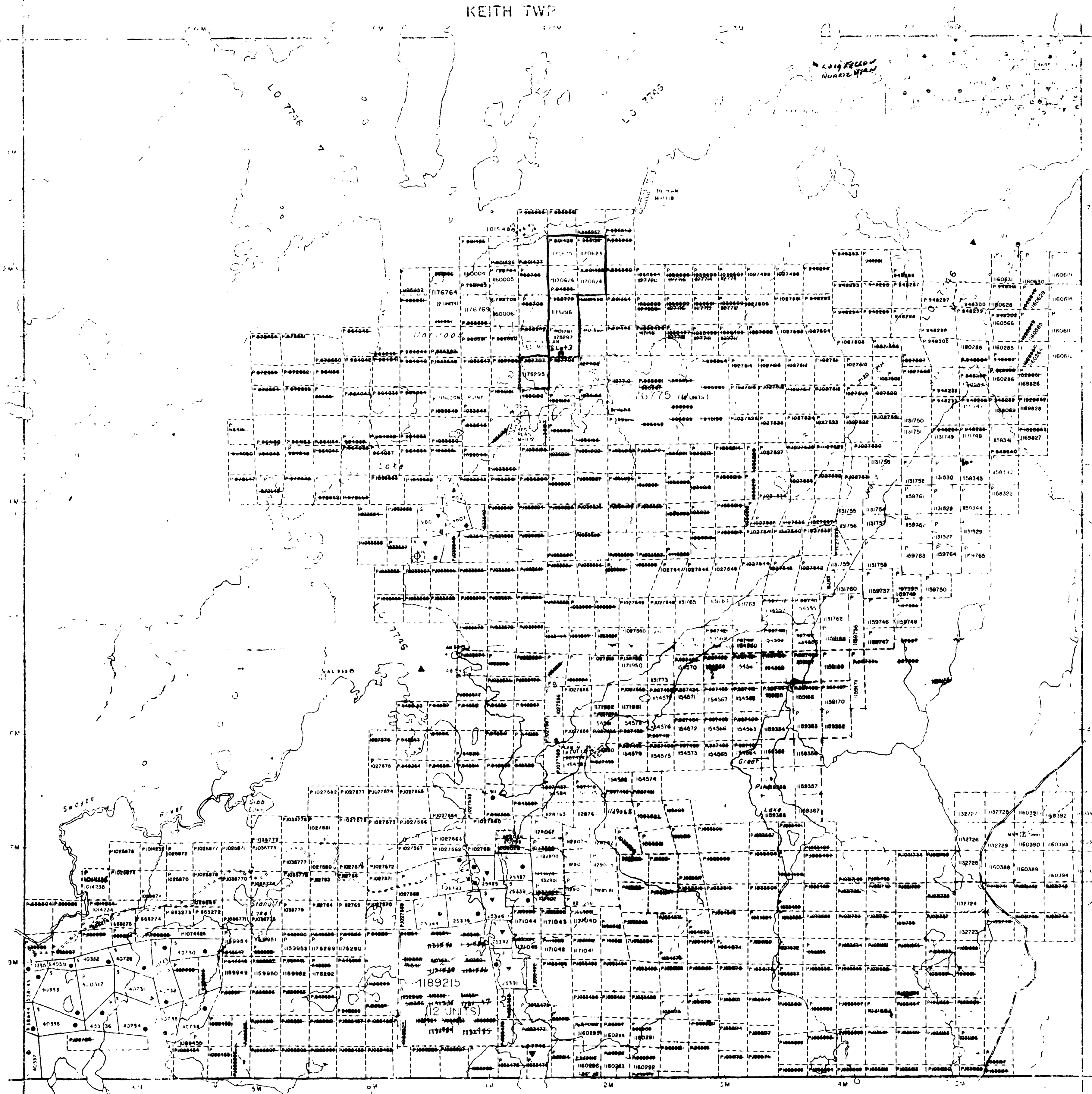
THIS TWP SUBJECT TO FOREST ACTIVITY IN 1991/92 - FURTHER INFORMATION AVAILABLE ON FILE



FLOODING

FLOODING RIGHTS ON HORWOOD LAKE & HARDIMAN BAY TO CONTOUR ELEV. 1117 FEET ARE RESERVED TO THE SPRUCE FALLS POWER AND PAPER CO. LTD. File 75166 L.O. 7746

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



LEGEND

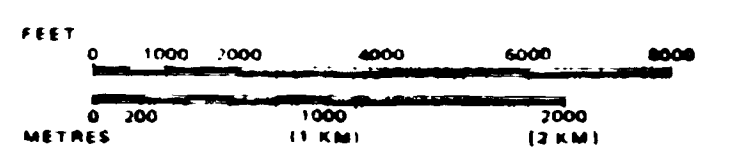
HIGHWAY AND ROUTE NO	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIP BASE LINES ETC	
LOTS MINING CLAIMS PARCELS ETC	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
AILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
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 1913 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1915 CHAP 100 SEC 63 SUBSEC 1

SCALE 1 INCH = 40 CHAINS



Φ REMOTE TOURIST CAMPS

TOWNSHIP

HORWOOD

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUBURBY



Date MARCH 1985

PLAN ACTIVATED JAN 18/80

Number **G-3228**

