



PROJECT AREA. DATE WORK PERFORMED.

HEENAN TWP. April 20/91

DROVE TO AND PROSPECTED ALONG HEENAN CREEK (WEST) WITH PARTNER GEO ROSS. NUMEROUS OUTCROPPING WERE ENCOUNTERED. ROCK TYPE IS PORPHYRITIC ~~TOP~~ WITH LARGE QTZ EYES THROUGHOUT. NO SAMPLES TAKEN.

April 21/91

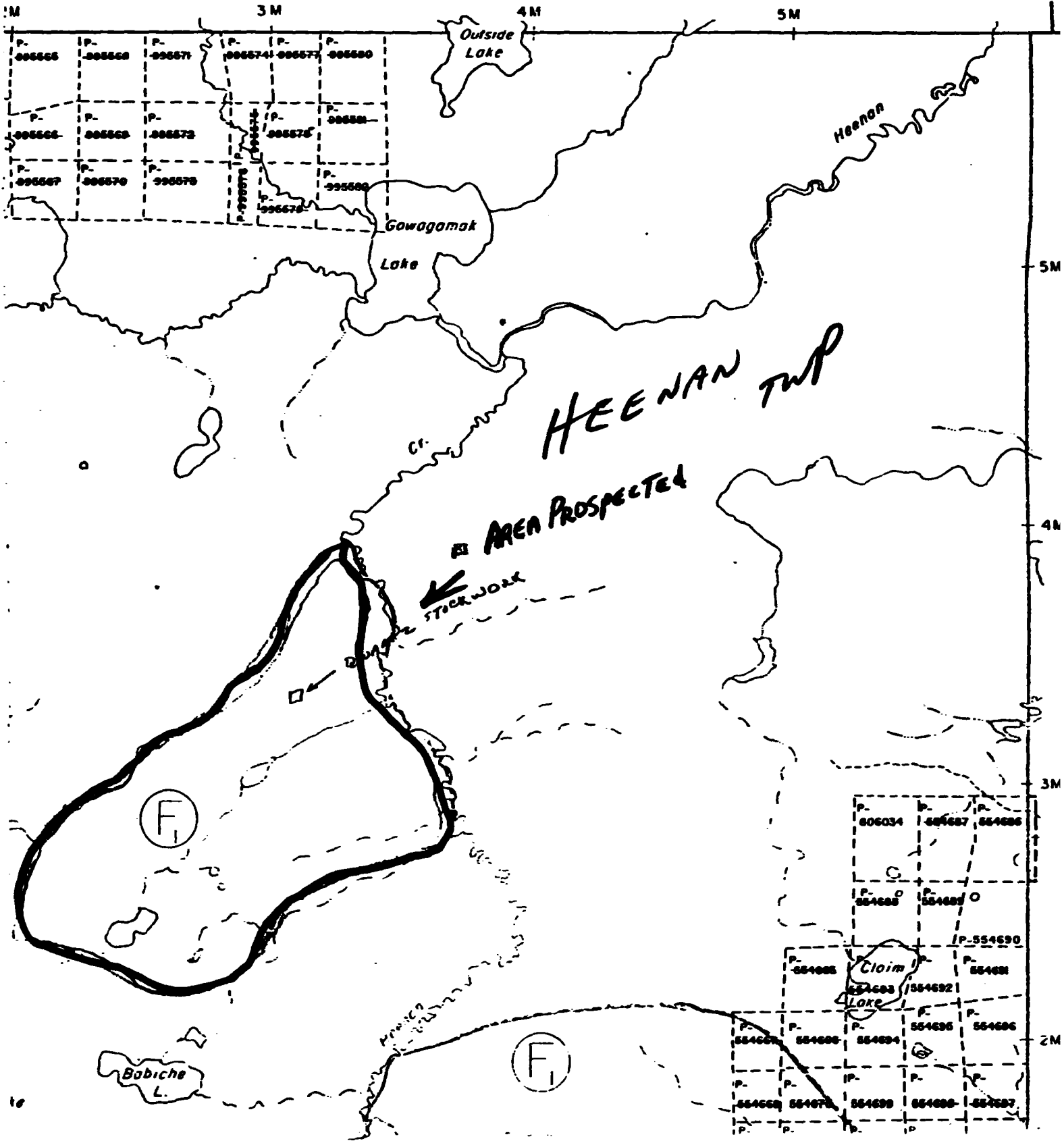
DROVE TO AND PROSPECTED. SAME AREA AS 20TH AND APPX 1/2 MILE WEST OF CREEK WE FOUND AN OUTCROP WITH SIX QUARTZ CARBONATED VEINS RANGING FROM 2 INCHES TO 6 INCHES WIDE. THEY DIP VERY STEEP TO WEST. WE TRACED WITH GRUBHOE STRIPPING FOR APPX 30 FT NEEDS TO BE STRIPPED FURTHER BY MACHINE

LOCATION.
MAP ATTACHED.
ACCESSABILITY
ASSAY RESULTS
ATTACHED

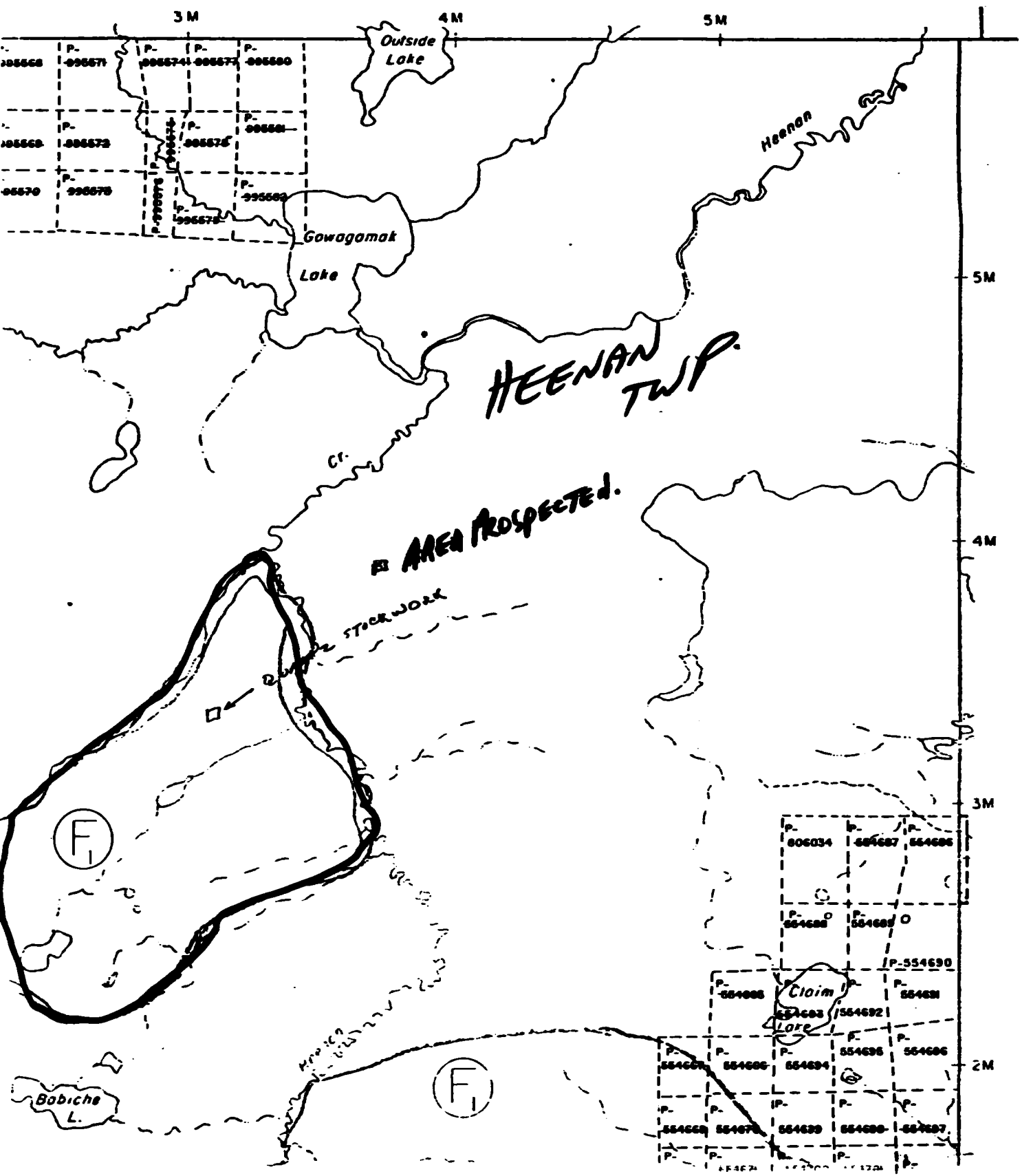
~~XXXXXXXXXX~~
MAY 11/91

BROUGHT PLUGGER + EXPLOSIVES WE PLUGGED, BLASTED 2 TRENCHES ACROSS THE 6 VEINS. SIX SAMPLES TAKEN. VEIN MATERIAL CONSISTED OF MINOR PYRITE, CALCOPYRITE AND PYRRHOTITE.

NEWTON TWP.



NEWTON TWP.



MARION TWP. M-853

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

<u>SAMPLE NO.</u>	<u>TYPE OF SAMPLE</u>	<u>ROCK TYPE</u>	<u>MINERALIZATION</u>	<u>ASSAY RESULTS</u>
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.

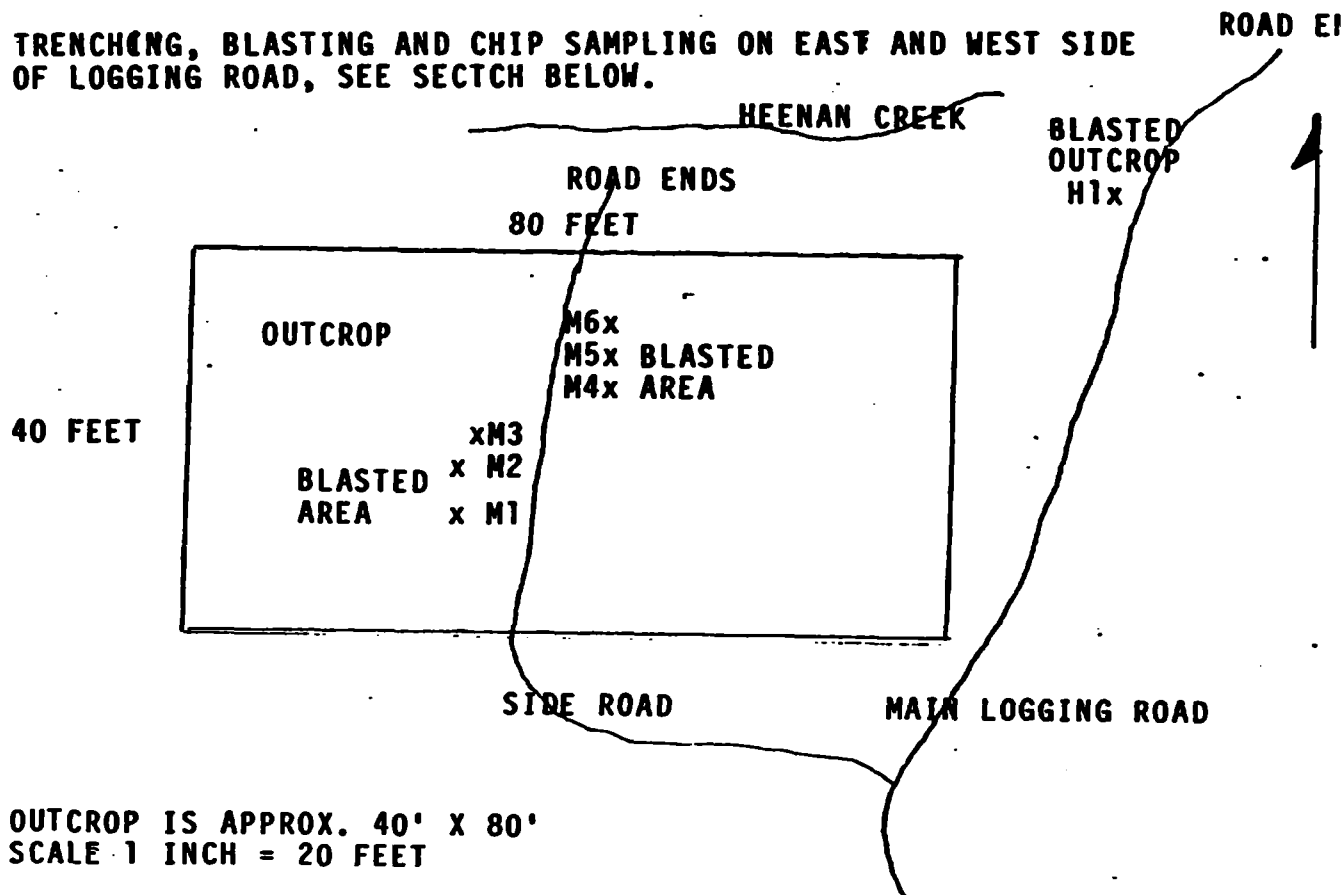
VEHICULAR ACCESS TO HEENAN TOWNSHIP IS READILY GAINED FROM TIMMINS VIA HIGHWAY 101 TO THE INTERSECTION OF THE FOLEYET TIMBER LOGGING ROAD IN MUSKEGO TOWNSHIP, APPROX. (95 KM.). YOU THEN GO SOUTH ON THE MAIN LOGGING ROAD THROUGH MUSKEGO, KEITH, SILK, WHIGHAM, COPPELL, DORE AND INTO GARNET TOWNSHIP. THIS 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.





Ministry of
Northern Development
& Mines

Timiskaming
Testing
Laboratories

4

P.O. Box 700
Proby St.
Cobalt, Ontario
P0J 1C0
(705) 679-0013

Report Number

CB 11775

Laboratory Report

Date July 23, 1991

Issued To: Mr. Fred Ross, 958 Park Ave., Timmins, Ont. P4M 7K6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
H-1	Trace		HEENAN TOWNSHIP
G-1	Trace		GARNET TOWNSHIP NEW ROADS
G-2	Nil		

Fees Received Charged.

L. McNaught for **J. Ireland**
Manager (Acting)

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qualifying remarks made by this ministry with reference to any sample.



Laboratory Report

Date May 21, 1991

Issued To: Fred Ross, Timmins District MNR, 896 Riverside Dr., Timmins, Ont. P4N 2M2

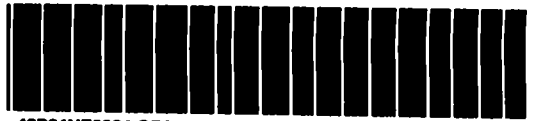
Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
G-1	0.006		NEW CLAIM IN GARNET TOWNSHIP AREAS PROSPECTED IN HEENAN TOWNSHIP
G-2	0.006		
G-3	0.004		
H-1	0.004		
H-2	0.011		
H-3	0.008		
H-4	Nil		
H-5	0.006		
H-6	Trace		

Fees Received **Charged**

L. McNaught for J. Ireland
Manager (Acting)

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DAILY LOG - PROSPECTING



42B01NE0024 OP91-245 HORWOOD

020

<u>PROJECT AREA.</u>	<u>DATE</u>	<u>WORK PERFORMED.</u>
ROLLO TWP. NORTH & WEST OF ROLLO LAKE	APRIL 16-91	PROSPECTING WITH PARTNER GEO ROSS IN NORTH AREA OF ROLLO LAKE. THIS AREA BEING SCARIFIED BY BULLDOZER THE ROCK IS BASALT AND GRANITES. NO SIGN OF ANY ALTERATIONS OR MINERALIZATION. NO SAMPLES TAKEN.
	APRIL 18/91 APRIL 19/91	PROSPECTING WEST SIDE OF ROLLO LAKE - GOOD ROCK EXPOSURE CREATED BY BULLDOZER WHEN SCARIFYING ROCK IS MOSTLY GRANITE WITH BASALT CONTACTS. GREENSTONE IS VERY TIGHT NO SIGN OF ALTERATIONS NOR MINERALIZATION. NO SAMPLES WARRANTED.

LOCATION - PROSPECTING

SEE MAP FOR
AREA PROSPECTED.

Rotto. Trip - Prospecting.

Three days were spent prospecting; the area shown on MAP.

The area was logged and stripped by bulldozers resulting in lots of outcropping being uncovered.

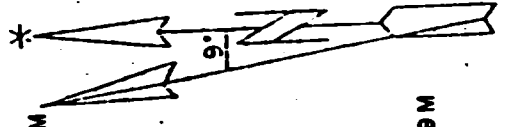
Prospecting was performed with partner George Foss and myself.

The rock consists of Basalt contact with ~~Granitic~~ Granite.

The Basalts have granite intrusions and no shearing or faulting nor carbonates were found.

No quartz veins or mineralization were found and no further prospecting planned for this area as the map shows granites to the North.

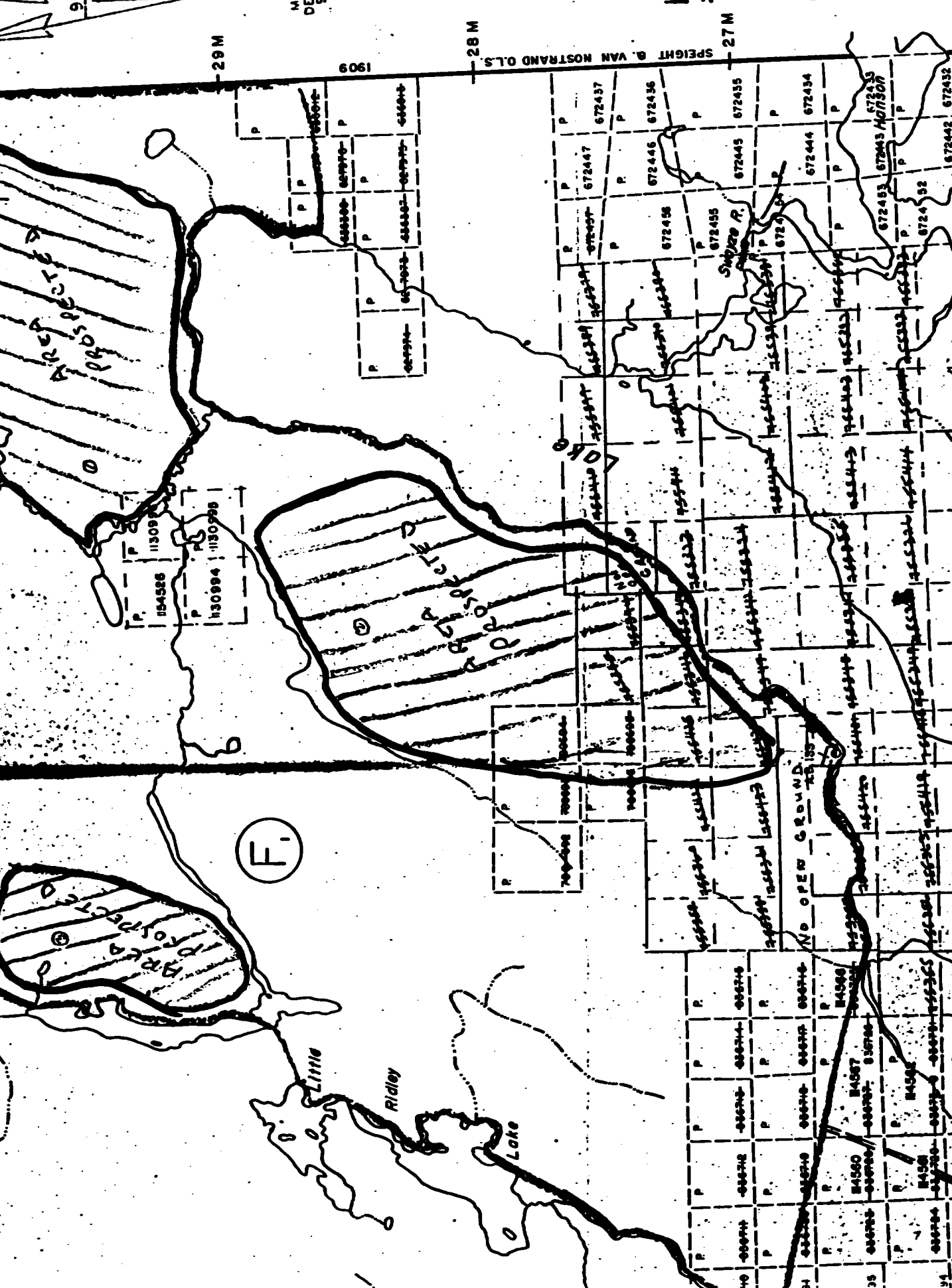
Dennis Morin



MAGNETIC DECLINATION 9° WEST

Coppell Twp.

2 M M.J. BEATTY O.L.S. 3 M 1920 4 M 5 M 30 M



DAILY LOG - PROSPECTING + WORK PERFORMED.

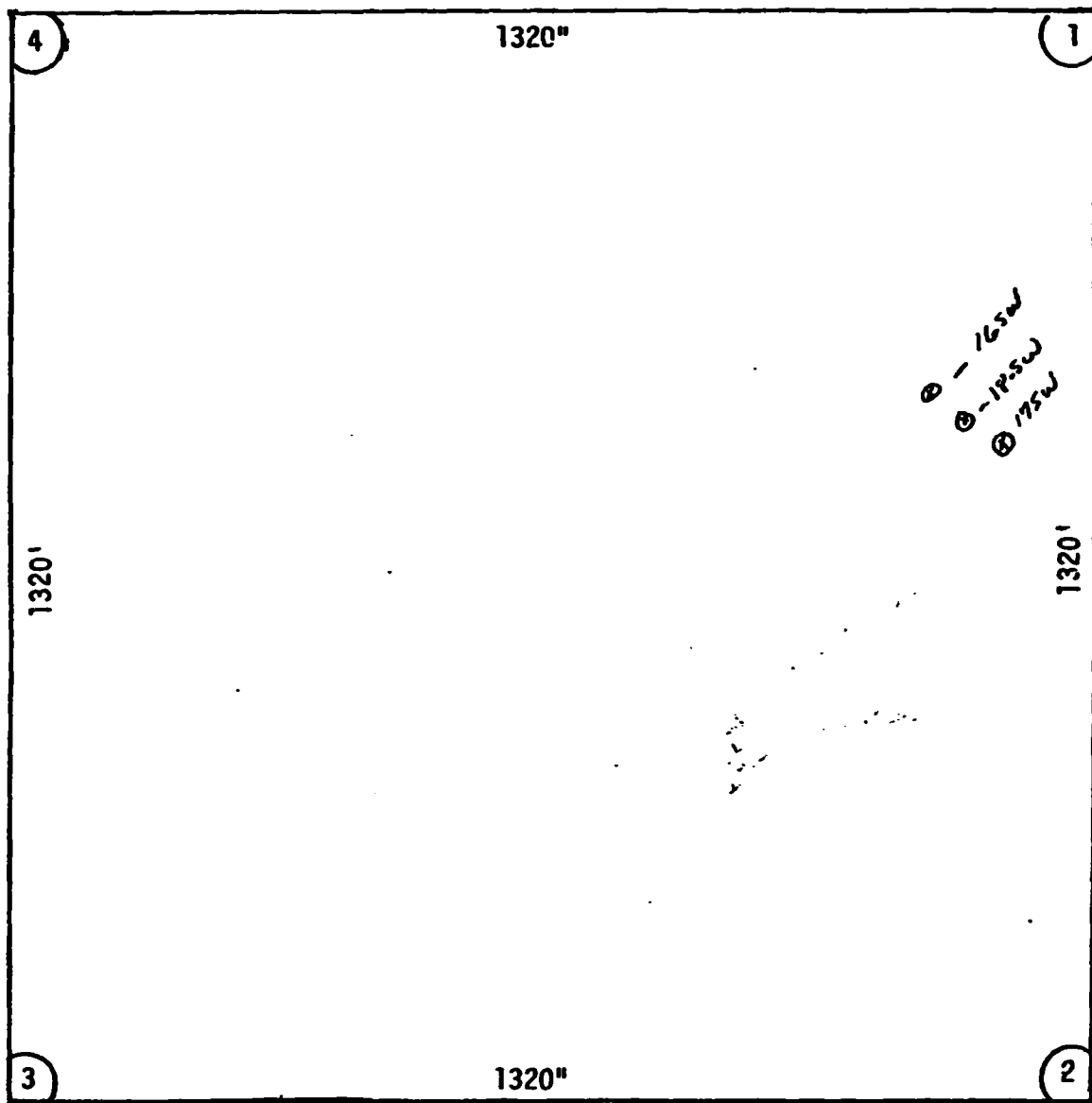


42B01NE0024 OP91-245 HORWOOD

030

<u>PROJECT AREA.</u>	<u>DATE</u>	<u>WORK PERFORMED.</u>
GARNET TWP.	MAY 7/91	PROSPECTING WITH PARTNER GEO ROSS - FOUND LARGE SHEAR ZONE NEAR SMALL LAKE. TWO QUARTZ VEINS FOUND IN THIS SHEARING. 30 FT UNCOVERED AND STRIKES EAST - WEST.
	MAY 8/91	SHOVEL AND PLUGGER WORK BLASTED 2 TRENCHES ACROSS VEINS AND TOOK 3 SAMPLES #1 VEIN WAS BARREN #2 VEIN HAS APPX 1% PYRITE AND MINOR CALCOPYRITE.
<u>LOCATION OF WORK.</u>	MAY 9/91	WE STAKED ONE CLAIM TO COVER THE SHEARING <u>NO TIME CLAIMED ON THIS DAY</u>
MAP ATTACHED.		
	MAY 12/91	WE PROSPECTED ON THE EAST PART OF CLAIM 1158340 3 SAMPLES WERE TAKEN.
<u>TRENCHING & SAMPLING.</u>	MAY 13/91	WE PROSPECTED CLAIM 1177544 A QUARTZ VEIN WAS FOUND ON THE SOUTH BOUNDARY. WE USED SHOVEL + GRUBHOE AND TRACED THIS VEIN FOR 15 FT. AND APPX 1 1/2 FT WIDE. VEIN VERY RUSTY AND WALL ROCK IS BASALT GREENSTONE
DIAGRAM ATTACHED.		
<u>RESULTS OF SAMPLES.</u>		
ATTACHED		
	MAY 14/91	PLUGGER WORK - TRENCH VEIN IN 2 PLACES AND WE TOOK 2 SAMPLES.
	MAY 29/91	WASHED ROCK CLAIM 1177544 NEAR VEIN. WE UNCOVERED LARGE CARBONATED ZONE - ALSO VEIN WAS UNCOVERED FOR ANOTHER 10 FT. BEST ASSAY 0.067 OZ/TON.

CLAIM 1158340 - GARDET TWP

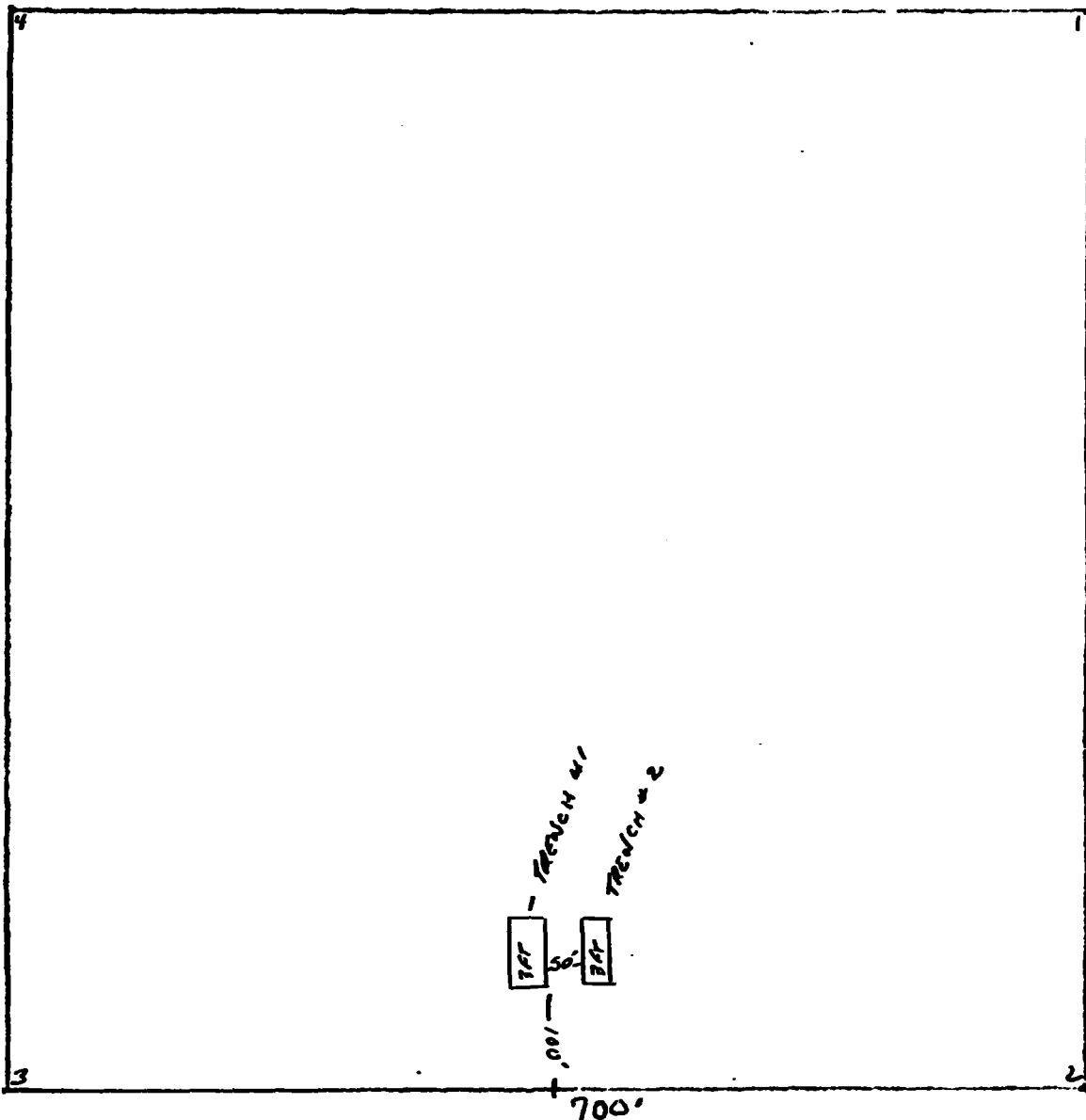


SCALE = 1" = 220'

SAMPLE NO	TYPE SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
LNK-91 16 SW	GRAB	QUARTZ 2070 GABRD	17% PYRITE	0.016 AU
17 SW	GRAB	GABRD	MINOR SULPHIDES	0.004 AU
18 SW	GRAB	GABRD	MINOR SULPHIDES	0.003 AU

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



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 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		548
LNL-91-17SW	0.004		137
LNL-91-18SW	0.003		103
LNL-91-19SW	Trace		234
LNL-91-20SW	0.067		2297 (2.3 g/t) claim 1177544

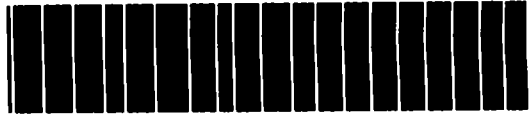
> CLAIM 1158340

Fees Received Charged Cost Code 04-3428-03

b. McNaught for J. Ireland
Manager (Acting)

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DAILY Log - PROSPECTING.



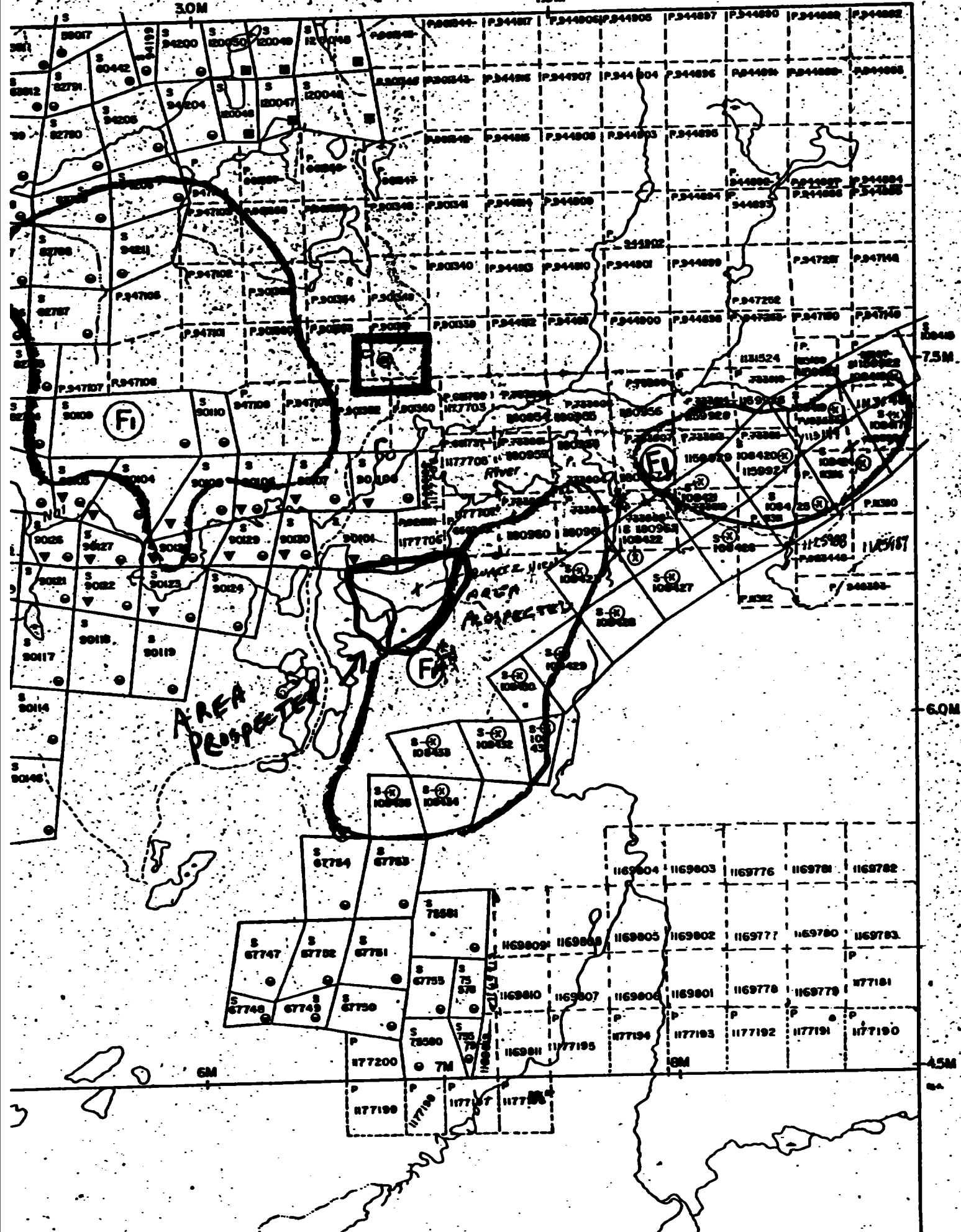
42B01NE0024 OP91-245 HORWOOD

040

<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>
PENHORWOOD TWP. <u>OPEN GROUND.</u>	APRIL 24/91	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.
<u>LOCATION</u>	APRIL 25/91	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.
<u>DESCRIPTION OF SAMPLES.</u>		ATTACHED

30M

15M



KNOGAMING TWP.

75M

60M

45M

6M

7M

3



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

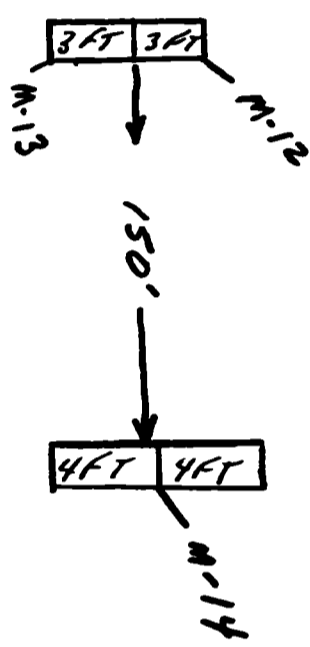
Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
G-1	Trace		GARNET TOWNSHIP NEAR MAIN ROAD
G-2	0.003		
M-6	Trace		MALLARD TOWNSHIP
M-7	0.034		
M-8	0.003		
M-9	0.002		
M-11	0.043		
M-12	0.003		<i>PEN HOR WOOD QUARTZ CARB VIEW</i>
M-13	Trace		
M-14	Trace		

Fees Received Charged.

L. McNaught *J. Ireland*
Manager (Acting)

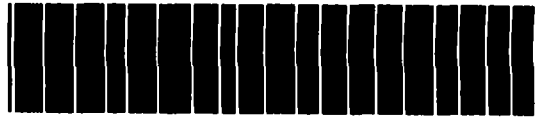
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qualifying remarks made by this ministry with reference to any sample.

PEN HOWOOD QUARTZ CARIS. V. EN
 OPEN GROUND



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

DAILY LOG - PROSPECTING.



42B01NE0024 OP91-245 HORWOOD

050

<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 ANOMOLIES.
& CROCKETT, TWP	Aug 21 /91	

LOCATION

MAP ATTACHED.

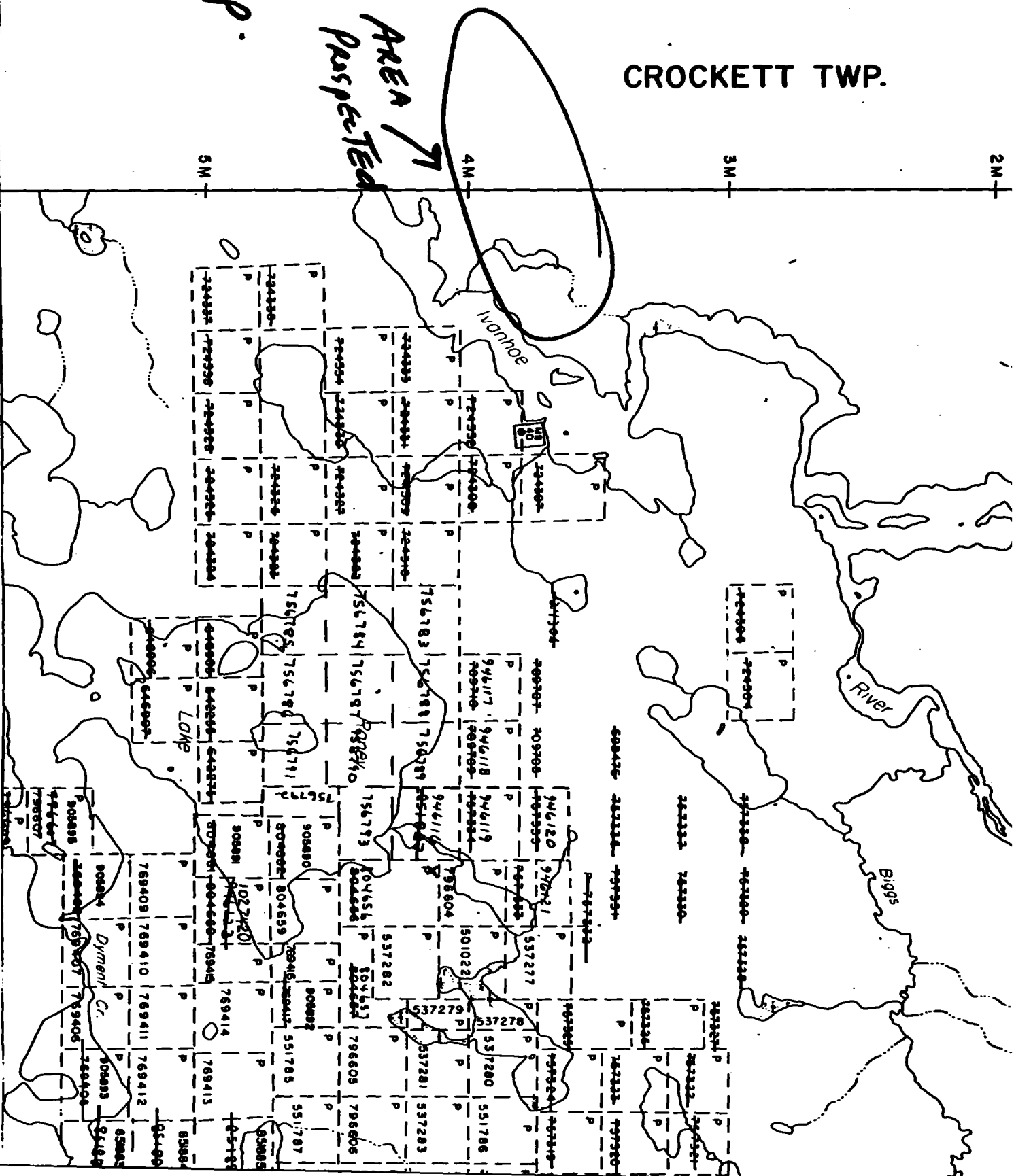
AIRBORN PHOTO ATTACHED.

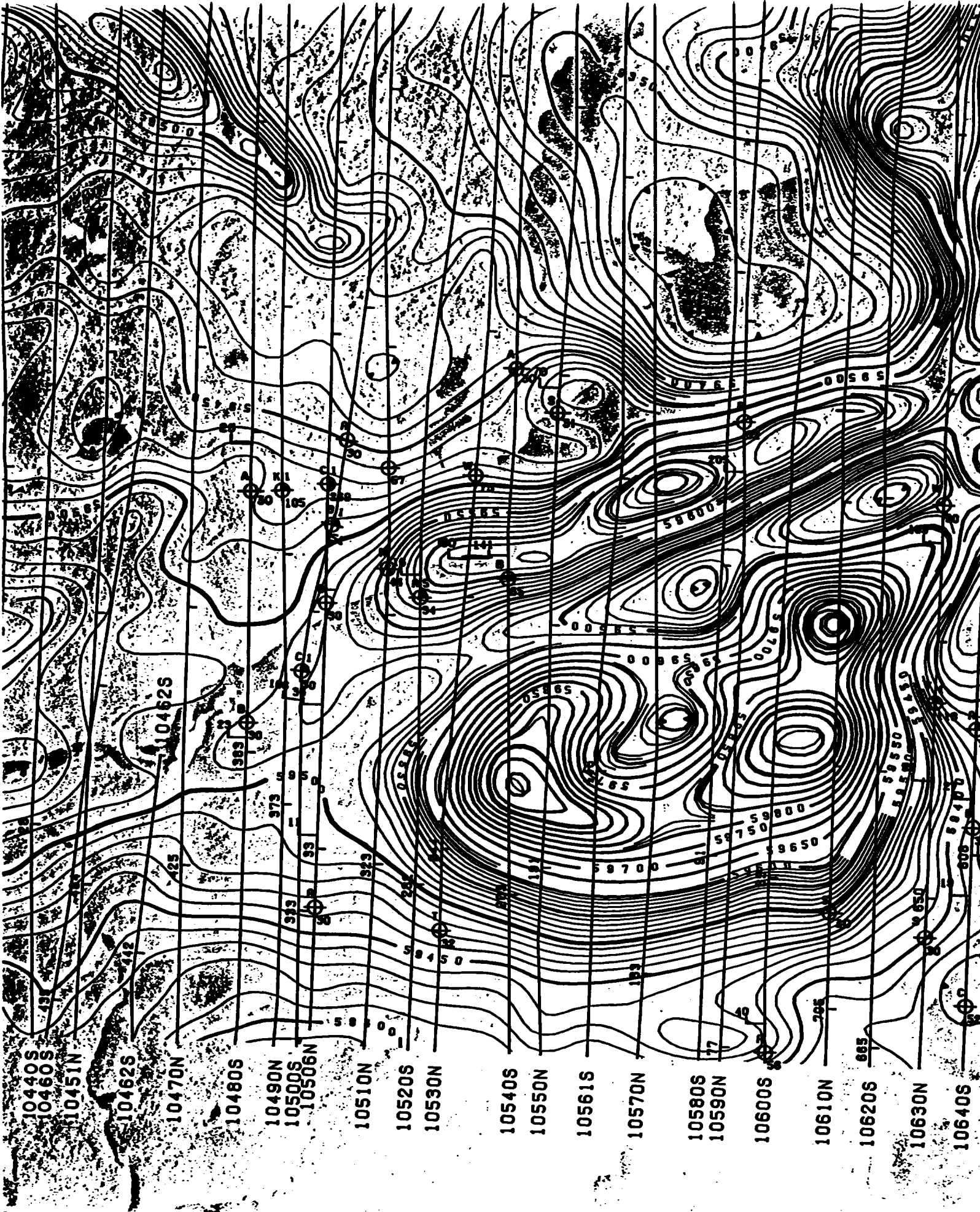
ENT
333

Ruby
Twp

CROCKETT TWP.

AREA
Prospected





Horwood Twp.



42B01NE0024 OP91-245 HORWOOD

060

GIFFORD PROJECT.

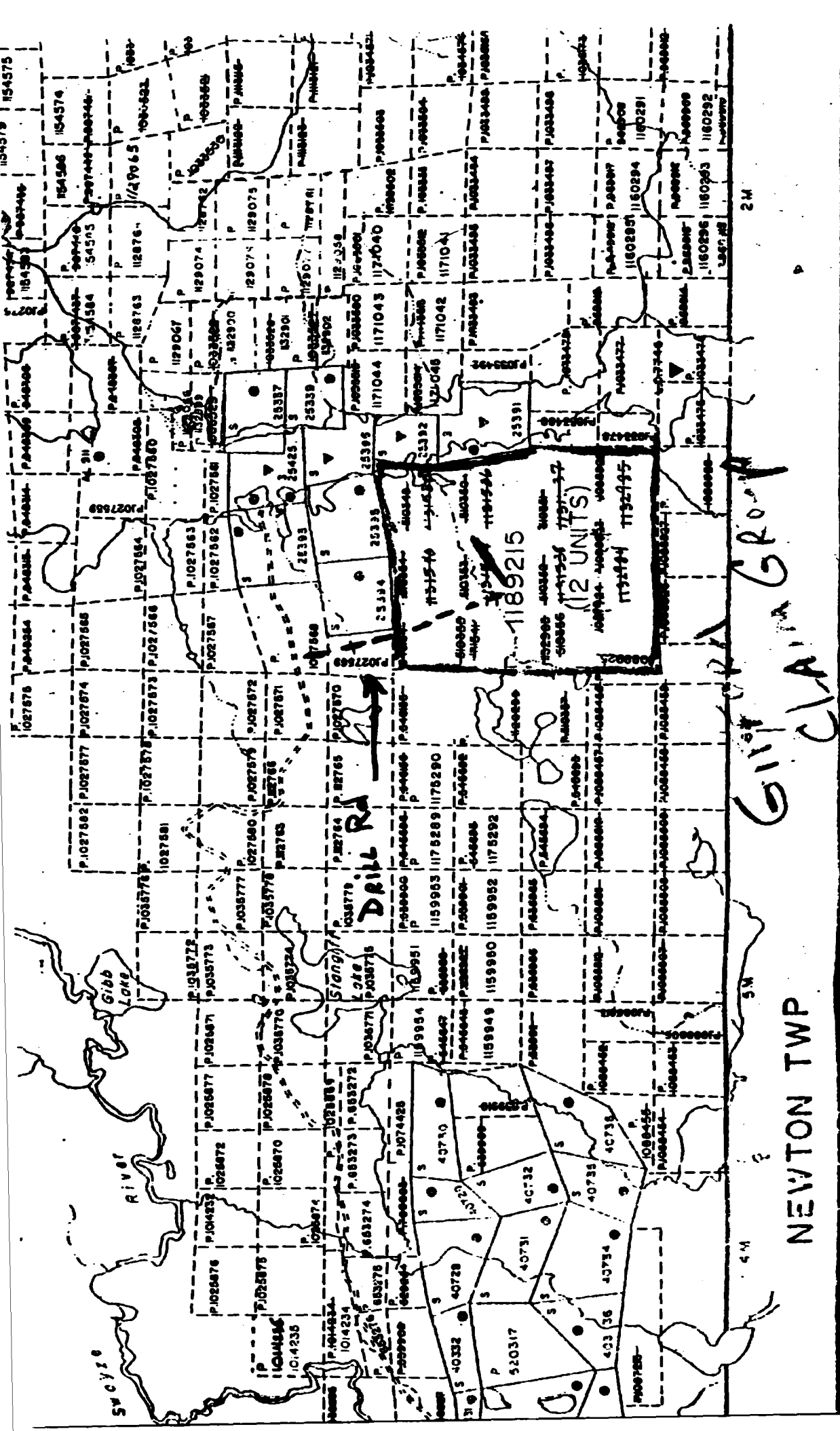
Extensive work was planned on this project and we proceeded in cutting a road to our showing in order to bring in Mechanical Stripping Machinery. The road was completed, but we had difficulty in hiring a contractor to go and do the work.

While negotiating etc, a new and exciting Gold showing was found in Mallard Twp, Swayze Greenstone Belt, and all our efforts and time was spent there instead of the GIFFORD

Dennis Morin

DAILY LOG OF WORK.

<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>
HORWOOD TWP. GIFFORD PROSPECT. 10 CLAIMS.	April 27/91 " 28/91 " 29/91	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 BEAVER. * 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>
<u>LOCATION OF WORK.</u>		
DIAGRAM AND MAP ATTACHED.		



Gilt CLAIM GRANT

NEWTON TWP

4 M

2 M

DRILL RA

1189215
(12 UNITS)

Gibb Lake

River

SWCYS

HORWOOD LAKE - DAILY LOG.



42B01NE0024 OP91-245 HORWOOD

070

<u>PROJECT AREA.</u>	<u>DATE</u>	<u>WORK PERFORMED.</u>
HORWOOD LAKE AREA PROSPECTING	Aug 4/91	SPENT DAY WITH PARTNER GEO ROSS, PROSPECTING CLAIM # 1170626 2 LINES GEORGE 2 LINES DENIS TOOK 2 SAMPLES
	Aug 5/91	SPENT DAY WITH PARTNER GEO ROSS, PROSPECTED CENTRE OF CLAIM 1170626 TOOK 4 SAMPLES
	Aug 6/91	SPENT DAY ON CLAIM 1170624 PROSPECTING CLAIM LINE BOUNDARY. TOOK 2 SAMPLES
<u>LOCATION OF WORK.</u> MAP ATTACHED.	Aug 7/91	MUCKED OUT OLD TRENCHES ON SHOWING CLAIM 1175295 TOOK 5 SAMPLES.
<u>TRENCHING & SAMPLING</u> DIAGRAM & SAMPLING RESULTS ATTACHED ..	Aug 9/91	SPENT DAY LOOKING FOR AND LOCATING OLD SHOWING ON CLAIM 1175296 TOOK 6 SAMPLES
<u>ASSAY REPORT</u>	Aug 10/91	SPENT DAY WITH PARTNER GEO ROSS, HAND STRIPPING AND WASHING QZ VEIN ON WEST SHORE OF HORWOOD LAKE NEAR LONG FELLOW CREEK.
	Aug 11/91	TOOK PLUGGER & EXPLOSIVES TO LONG FELLOW QZ VEIN TRENCHED BY BLASTING 5 SAMPLES TAKEN.

KEITH TWP

472M

473M

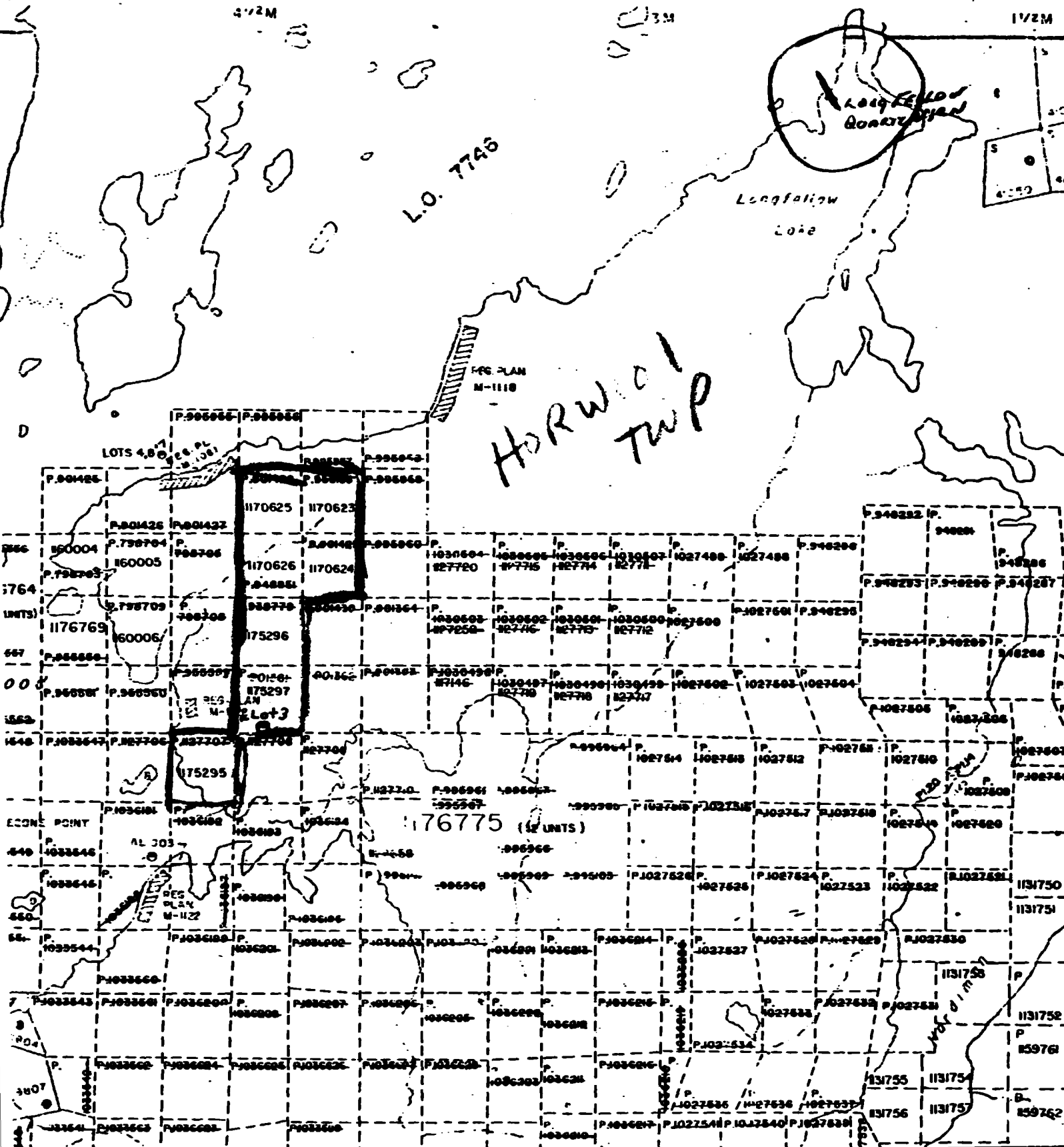
172M

L.O. 7745

Longfellow Lake

PG PLAN M-1118

Horwich TWP



Horwood Lake Claims

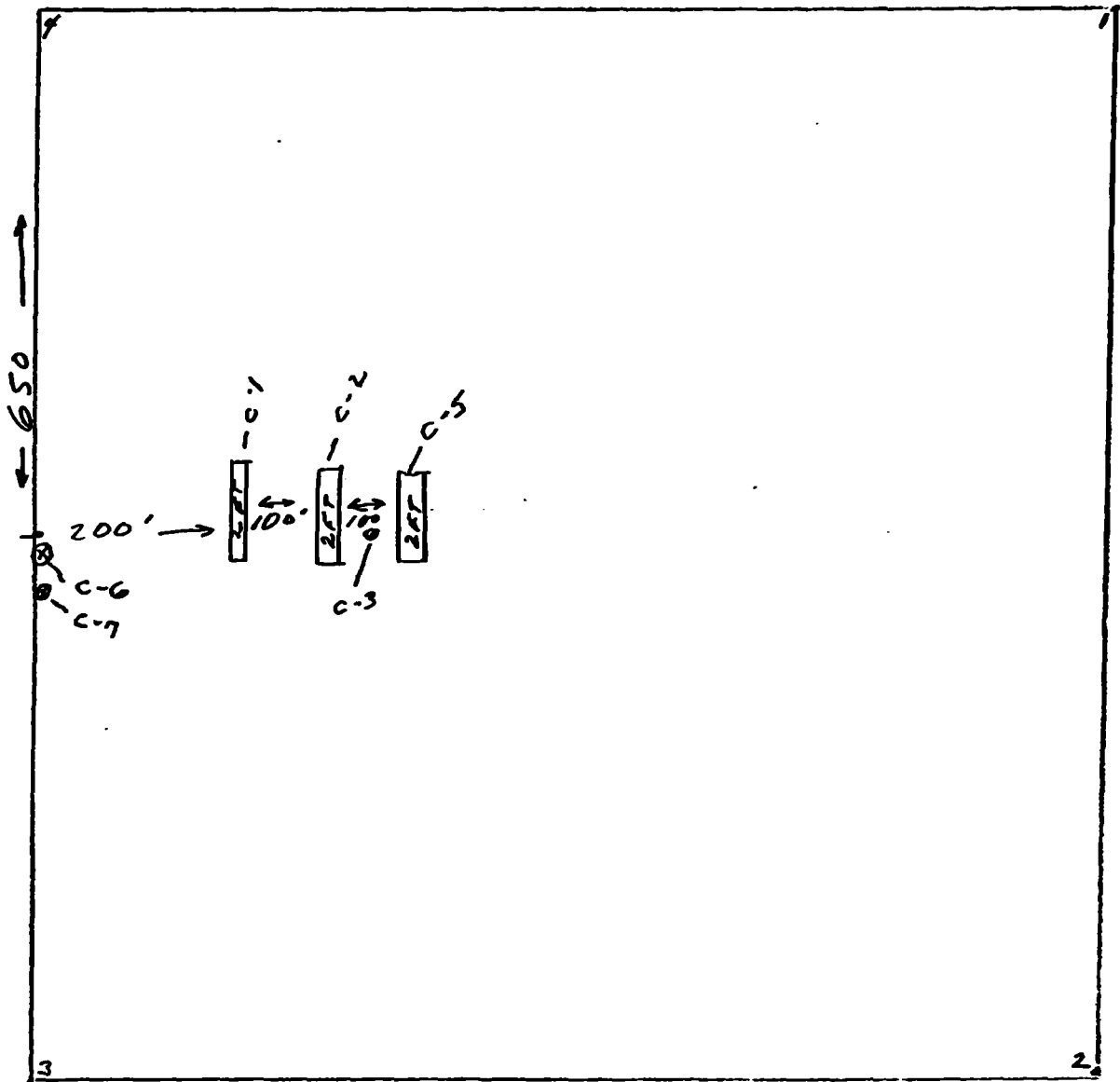
The Horwood Lake Property consists of seven mining claims. There are three gold showings on these claims. The showings date back from the 1930's. Very little work was done on these showings. We located these showings and sampled them. The veins are in shear zones that can only be traced over short distances 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 Horwood 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 were possible. And further prospecting is warranted.

George Lora

Dennis Morin

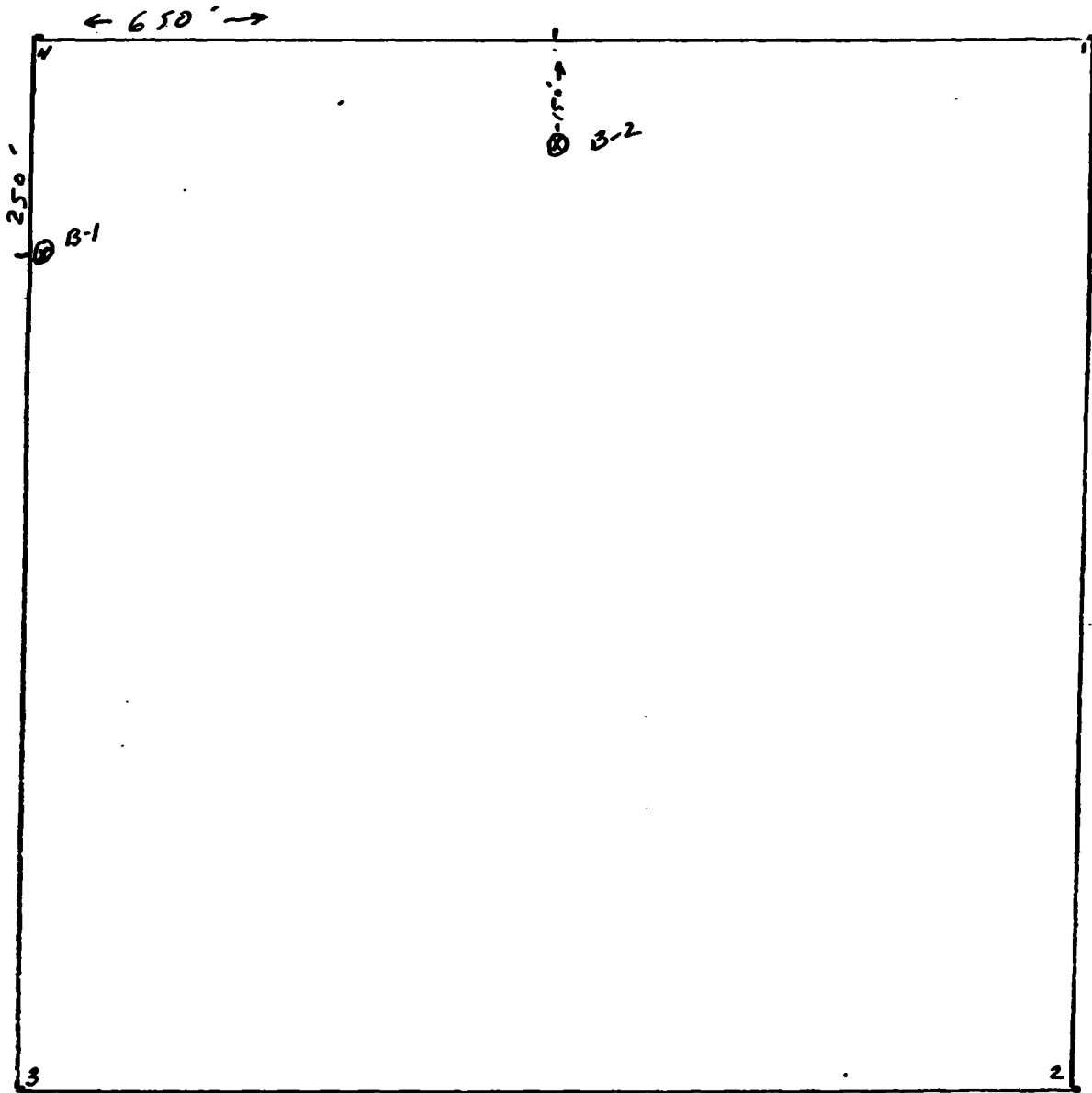
CLAIM 1175296 HORWOOD TWP

SCALE 1" = 220'



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
C-1	2 FT CHIP	QUARTZ CARBONATE	17% CALCO PYRITE MINOR PYRITE	0.069 AU
C-2	2 FT CHIP	QUARTZ CARB.	17% PYRITE 17% CALCO PYRITE	0.565 AU
C-3	CRAB	QUARTZ	MINOR SULPHIDES	0.077 AU
C-5	2 FT CHIP	QUARTZ	27% CALCO PYRITE MINOR PYRITE	0.413 AU
C-6	CRAB	BASALT	MINOR PYRITE	0.005
C-7	CRAB	BASALT	MINOR PYRITE	0.003

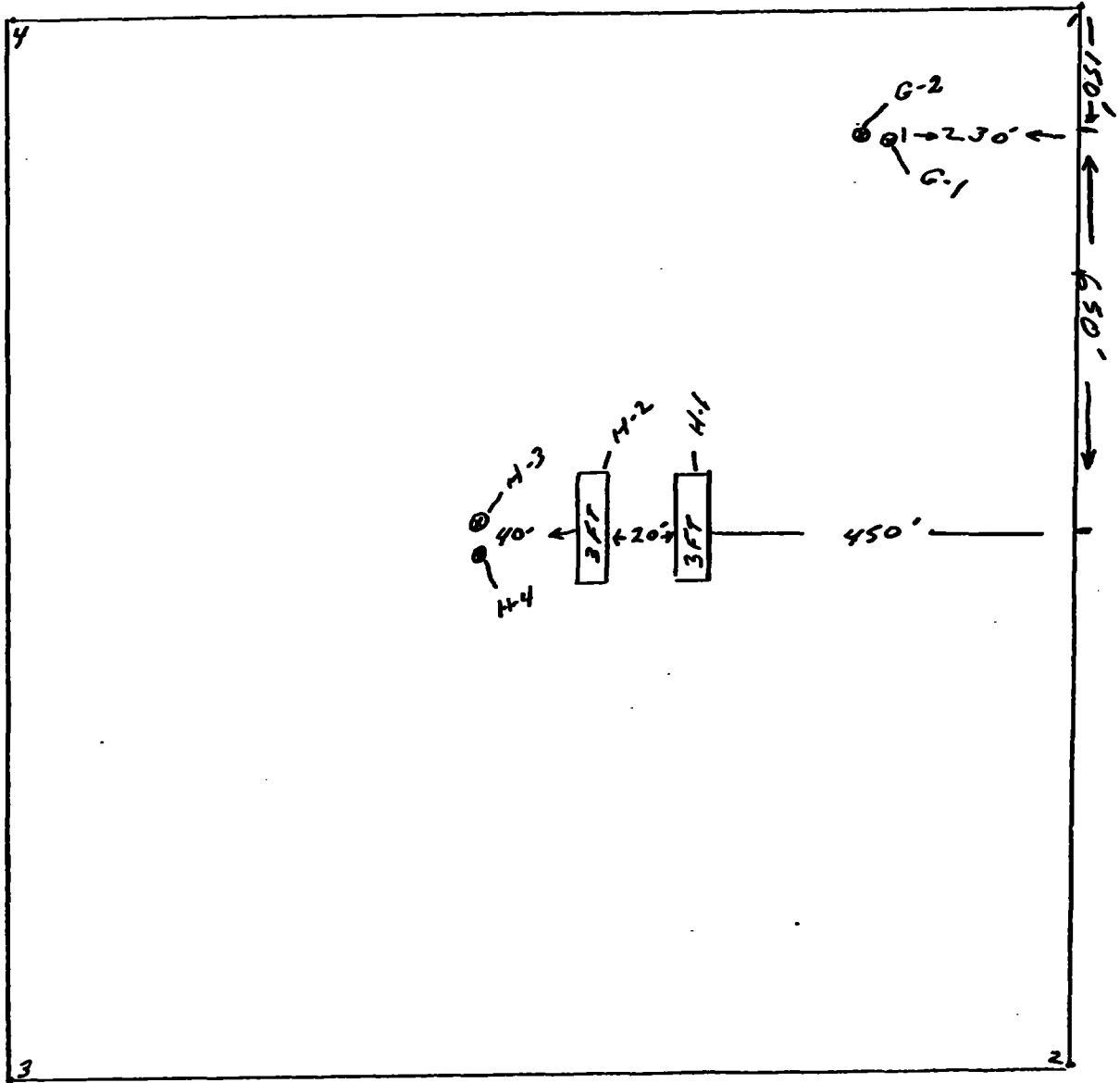
CLAIM 1170624 HORWOOD TWP
 SCALE 1" = 220'



SAMPLE NO	TYPE OF SAMPLE	ROCK TYPE	MINERALIZATION	ASSAYS
B-1	GRAB	DIORITE	MINOR PYRITE	0.006
B-2	GRAB	40% QUARTZ 60% DIORITE	1% PYRITE MINOR CALCOPYRITE	0.033

CLAIM 1170626 - HORWOOD TWP

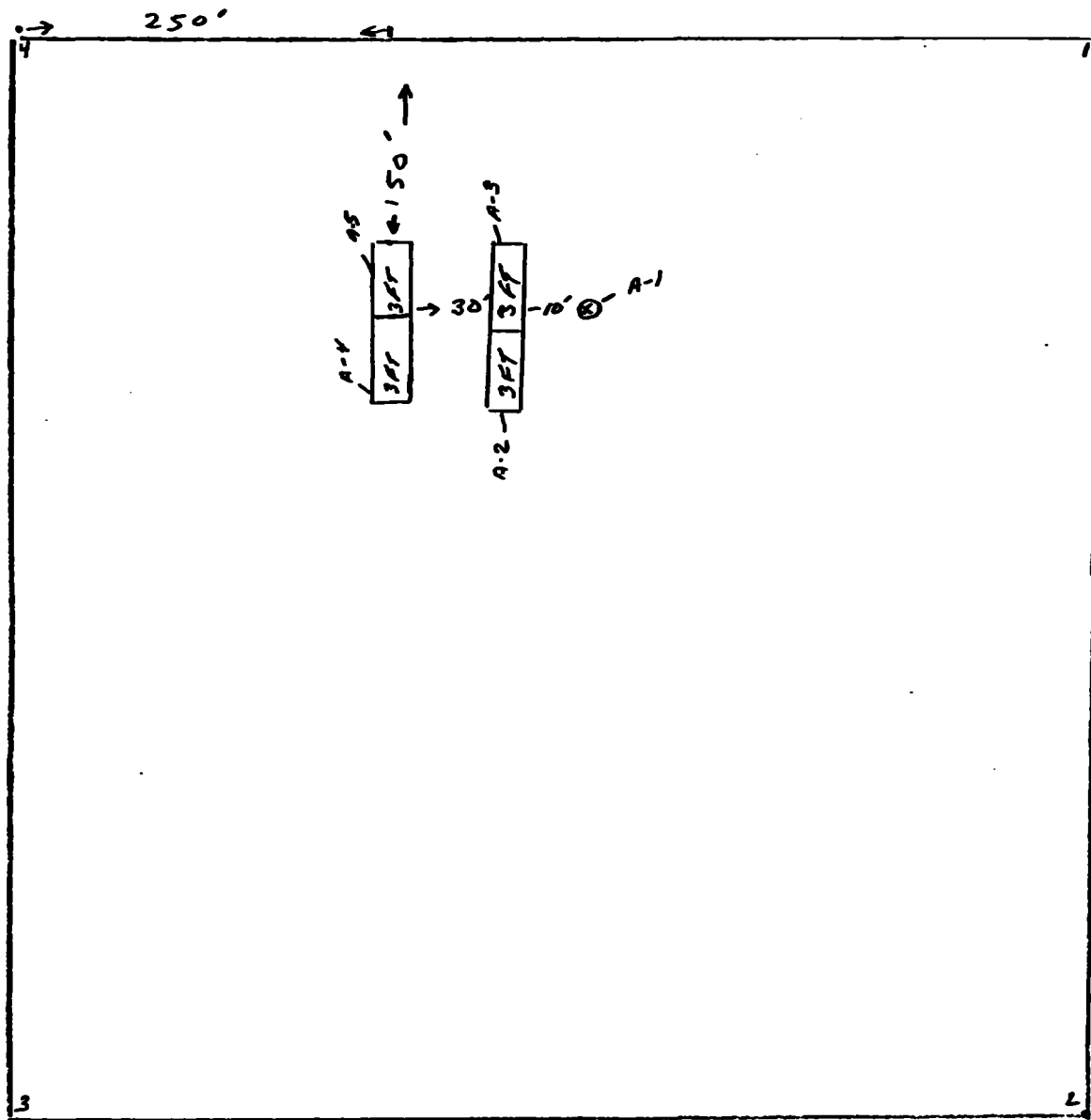
SCALE 1" = 220'



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 TWP

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 CLIP	QUARTZ	MINOR CALCOPYRITE	0.003 AU
A-5	3 FT CLIP	QUARTZ 80% BOSALT 20%	1% PYRITE 1/2 CALCOPYRITE	0.101 AU

Howood Lake Project:

Longfellow Quartz Vein

This vein is located along the west shore of Howood Lake (see diagram) It runs for approximately 100 ft long before going into heavy overburden.

The vein is in a Porphyry Dike within a Rhyolite rock. It varies in size, It is 3 ft wide as it comes out of the lake and is appx 20 ft wide as it goes into overburden.

We worked with shovels and grubhoes to strip this vein then washed same with a Wajax pump.

Trenches were put on the vein and 5 samples were taken for Gold. Sulphides are rare and where they occur, the vein has a rusty color to it.

The assays were low and we do not recommend further work on this vein.

①



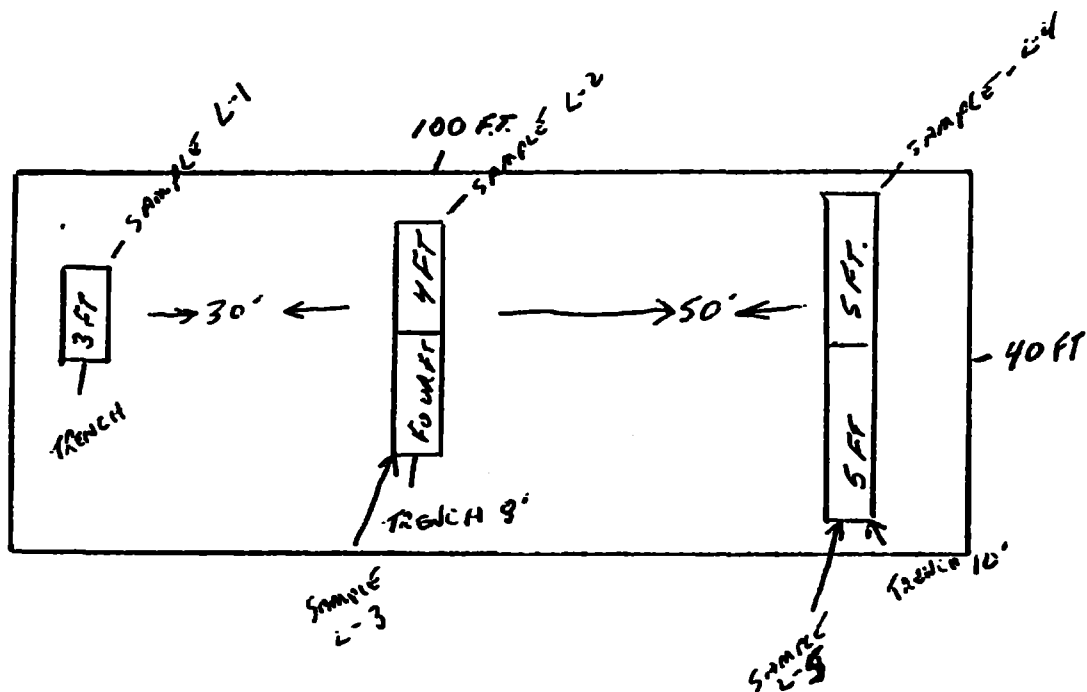
QUARTZ VEIN - STRIKES EAST-WEST
100' FT LONG AND 20' WIDE
AT WEST END OF VEIN

HORWOOD
LAKE

LUNY FELLOW
LAKE

2 INCHES = 1 MILE

HONG FELLOW LAKE QUARTZ VED



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



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

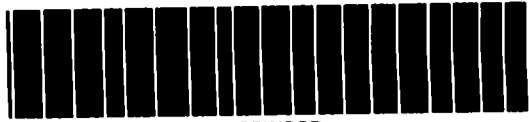
HORWOOD TWP

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

L. M. Daugherty for J. Ireland
AI Manager

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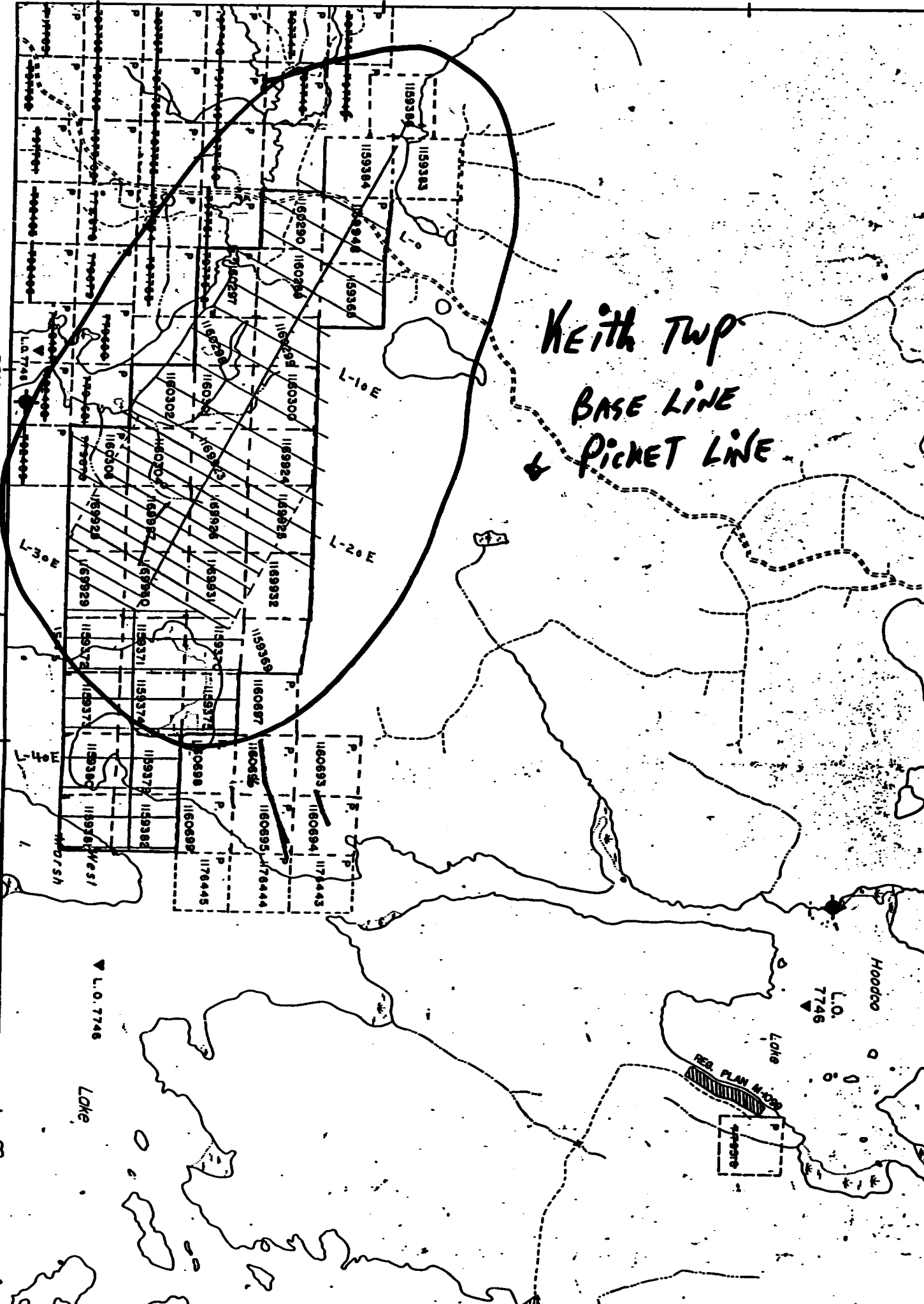
PROJECT AREA.	DATE	WORK PERFORMED.
<u>KEITH TWP</u>		
CORNICE CREEK AREA	SEPT 25/91	START BASE LINE ON CLAIMS ALONG DORE ROAD. ALL DAY WITH GEO ROSS & ROGER DENOMMEE
	OCT 1/91	CUT PICKET LINE OFF OF BASE LINE # L-0
	OCT 3/91	CUT PICKET LINE OFF OF BASE LINE # L-1-E
	OCT 4/91	CUT PICKET LINE OFF OF BASE LINE # L-3-E
	OCT 6/91	CUT PICKET LINE OFF OF BASE LINE # L-4-E
	OCT 8/91	CUT PICKET LINE OFF OF BASE LINE # L-6-E
	OCT 9/91	CUT PICKET LINE OFF OF BASE LINE # L-7-E
<u>LOCATION OF WORK.</u>	OCT 10/91	CUT PICKET LINE OFF OF BASE LINE # L-10-E
MAP ATTACHED FOR LOCATION AND GRID.	OCT 12/91	CUT PICKET LINE OFF OF BASE LINE # L-11-E
REFER TO ROGER DENOMMEE FILE # OP 91-305 FOR GEOLOGICAL AND FINAL PROJECT REPORTS.	OCT 17/91	CUT PICKET LINE OFF OF BASE LINE # L-13-E
	OCT 18/91	CUT PICKET LINE OFF OF BASE LINE # L-20-E
	OCT 19/91	CUT PICKET LINE OFF OF BASE LINE # L-21-E
	OCT 20/91	CUT PICKET LINE OFF OF BASE LINE # L-22-E
	OCT 22/91	CUT PICKET LINE OFF OF BASE LINE # L-24-E

HORWOOD TWP.

7.5M

6.0M

4.5M



Keith TWP
BASE LINE
& PICKET LINE

L.O. 7746

Lake

L.O. 7746

Hoodoo

REG. PLAN N-1039

L.O. 7746

M.O. 751

KEITH PROJECT

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.

devastated

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 3,250 meters to the shore of Horwood Lake. Similarly, this base line was extended NW to a flooded creek at 500 meters. 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

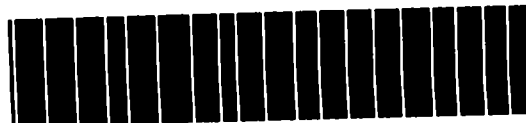
Three types of survey have been conducted employing: a Total field magnetic survey, a VLF electromagnetic survey and a standard horizontal loop electromagnetic survey using the Apex Maxmin II, with varying frequencies.

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.

Summary

Mallard Twp. 90 CLAIM UNITS

This property was optioned to Copperquest Expl. for a period of 3 months beginning Sept 15/91 and is now terminated.

Further work should consist of IP Survey and Diamond Drilling, if property is not optioned to another company before next summer.

Denis Morin^P

DENOMNEE, ROSS AND MORIN GOLD SHOWING, MALLARD TOWNSHIP.

PROPERTY AND LOCATION.

THE PROPERTY CONSIST OF 90 UNPATENTED MINING CLAIMS IN THE SOUTHEAST QUADRANT OF MALLARD TOWNSHIP, SWAYZE GOLD BELT AREA IN THE PORCUPINE MINING DIVISION. THE GOLD SHOWING IS APPROXIMATELY FIVE MILES NORTHWEST OF THE JEROME GOLD MINE (PAST PRODUCER).

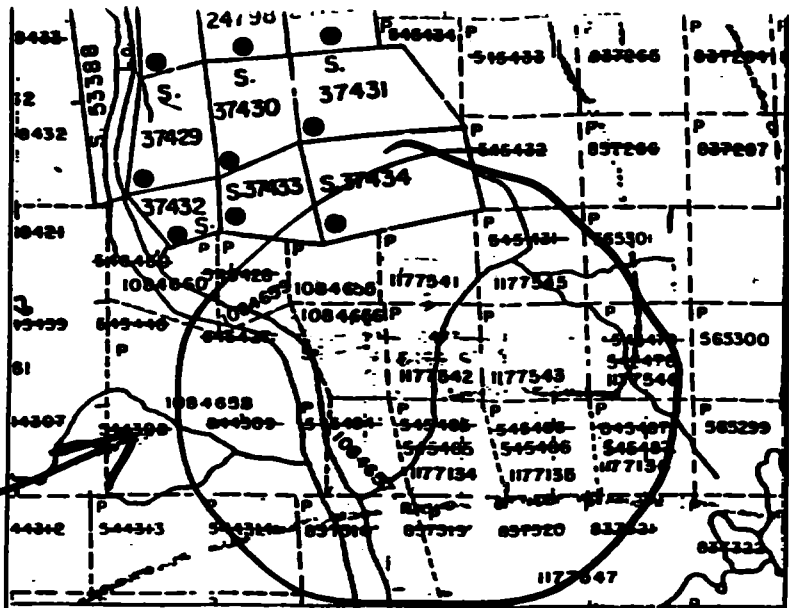
ACCESSIBILITY

VEHICULAR ACCESS TO THE GOLD SHOWING IN MALLARD TOWNSHIP IS READILY GAINED FROM TIMMINS VIA PAVED HIGHWAY 144 AND THE SULTAN INDUSTRIAL ROAD, THENCE WEST ALONG THE SULTAN ROAD FOR 46 KM. TO A MAJOR ROAD JUNCTION IN EDITH TOWNSHIP. YOU GO NORTH VIA A NEWLY GRAVELLED LOGGING ROAD CONSTRUCTED BY E.B. EDDY FOREST FOR 26 KM. TO A CAMPSITE ON THE EAST SIDE OF THE OPEEPEESWAY RIVER. THE GOLD SHOWING IS APPROXIMATELY ONE MILE NORTH OF CAMP SITE ADJACENT TO LOGGING ROAD. TOTAL DISTANCE FROM TIMMINS-GOLD SHOWING IS 218 KM. ACCESS FROM FOLEY ET ONTARIO TO GOLD SHOWING IS APPROXIMATELY THE SAME DISTANCE VIA KEITH, DORE LOGGING ROAD. THE ONLY DIFFERENCE IS THIS ROAD IS ALL GRAVEL

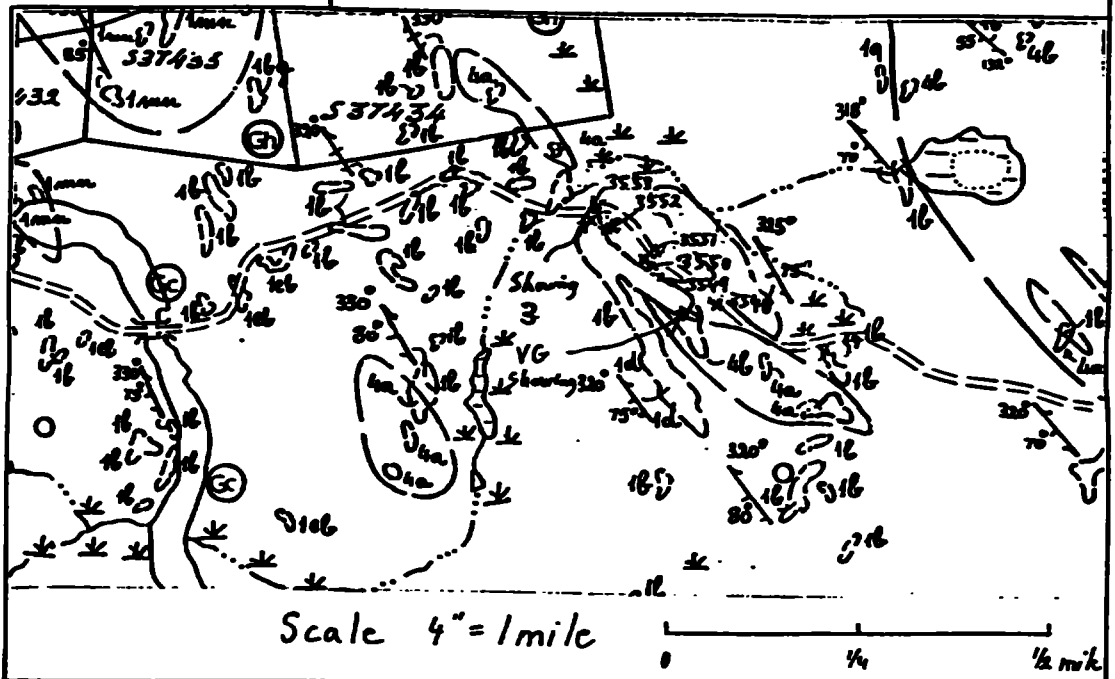
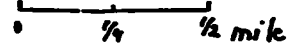
GEOLOGY

THE MAIN GOLD SHOWING ON MINING CLAIM P. 1177543, CONSIST OF QUARTZ STRINGER VEINE/PODS HOSTED BY A CHLORITIC SCHISTOSE MAFIC METAVOLCANIC ANDESITE, WITH A FEW LOCAL MAFIC INTRUSIVES (GABRO DIORITE). ALSO IN THE AREA ARE LOCALLY INTERCALATED INTERMEDIATE AND FELSIC METAVOLCANICS AND FELSIC INTRUSIVES (GRANODIORITE, QUARTZ MONZONITE).

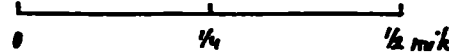
Claim Group



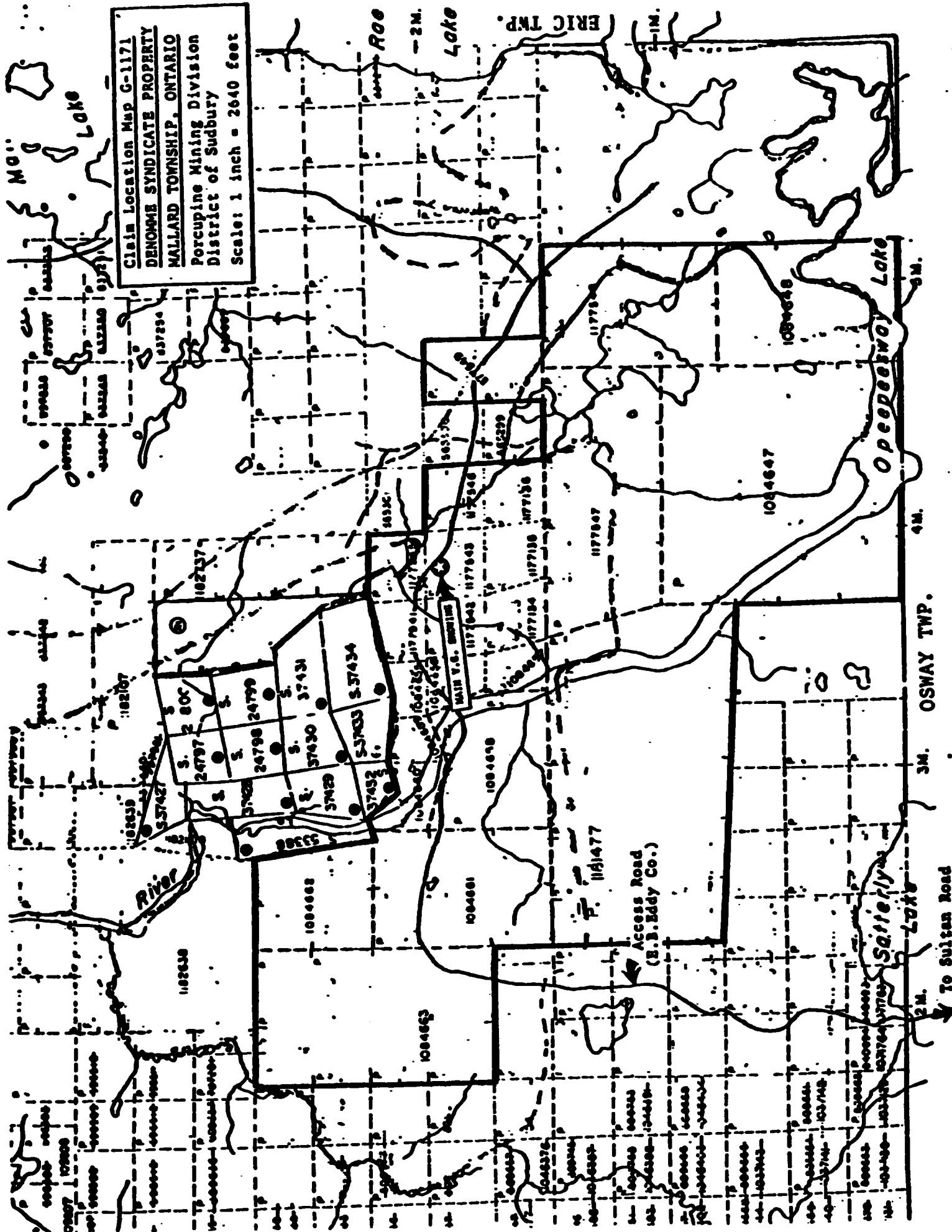
Scale 1" = 1 mile



Scale 4" = 1 mile



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GOLD FIELDS CANADIAN MINING, LTD.



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

MOG Lake

River

Roe

Lake

ERIC TWP.

Opepeeway Lake

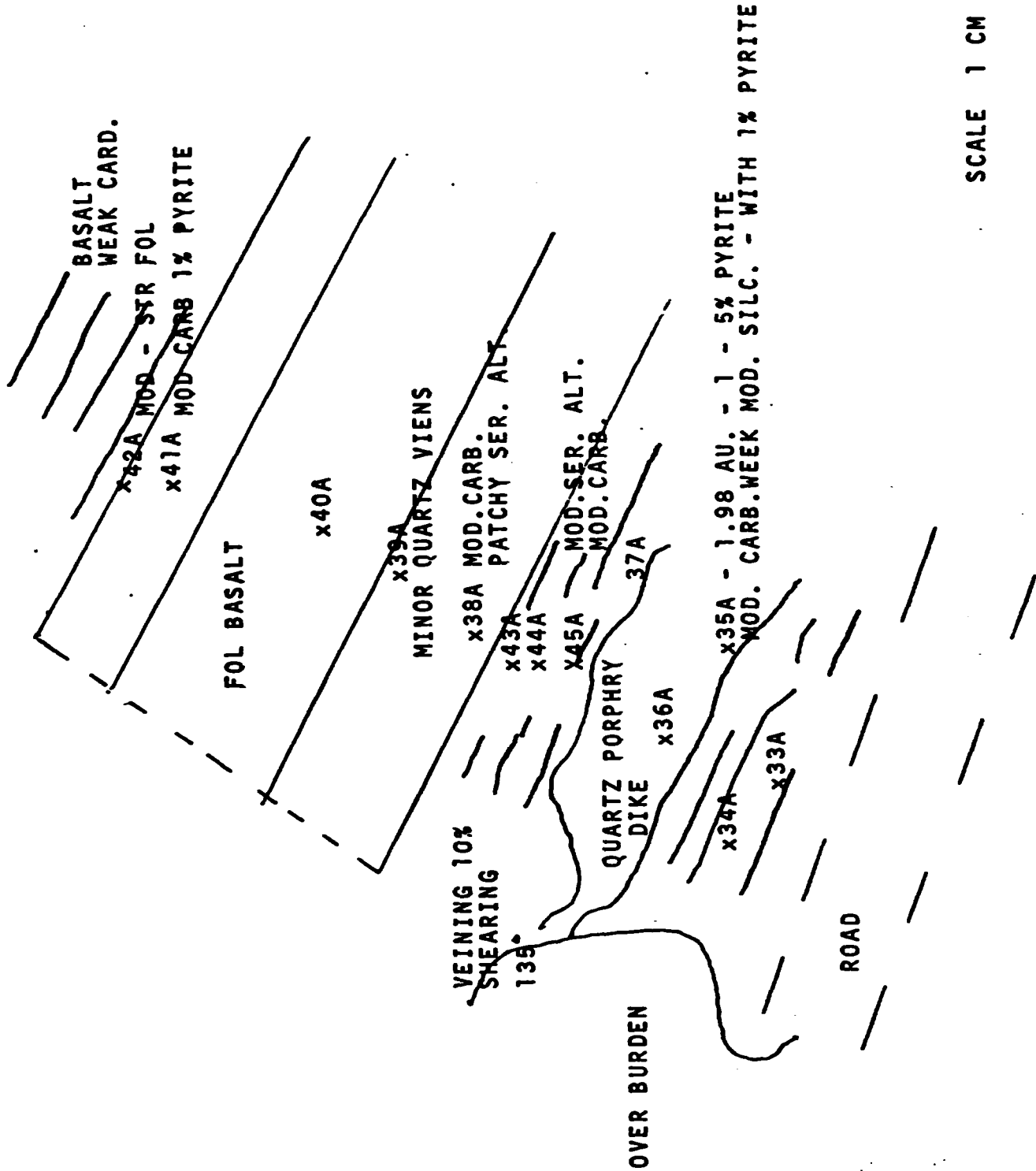
Saterly Lake

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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 #

<u>DATES</u>	<u>WORK PERFORMED</u>
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 RESUL</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 PORPHYRY	NIL	0.008 AU.
6437A	CHIP	QUARTZ PORPHYRY	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.



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Northern Development
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P9J 1G9
(705) 679-8313

Report Number
CB 11737

Date May 30, 1991

Laboratory Report

Issued To: **George Ross, c/o Fred Ross, 958 Park Ave., Timmins, Ont. P4W 7K6**

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
6433A	0.006		MALLARD TOWNSHIP WEST ZONE ROSS SHOWING
6434A	0.003		
6435A	1.984		
6436A	0.007		
6437A	0.003		
6438A	0.002		
6439A	0.009		
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		
M-4	Trace		
M-5	N11		
M-6	8.064		

Received Charged.

G. McNaught for J. Ireland
Manager (Acting)

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Laboratory Report

Date May 30, 1991

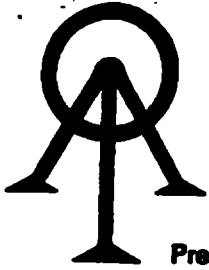
Issued To: George Ross, c/o Fred Ross, 958 Park Ave., Timmins, Ont. P4M 7K6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
6433A	0.006		MALLARD TOWNSHIP WEST ZONE ROSS SHOWING
6434A	0.003		
6435A	1.984		
6436A	0.007		
6437A	0.003		
6438A	0.002		
6439A	0.009		
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		
M-4	Trace		
M-5	N11		
M-6	8.064		

ees Received Charged.

G. McNaught for J. Ireland
Manager (Acting)

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (706) 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

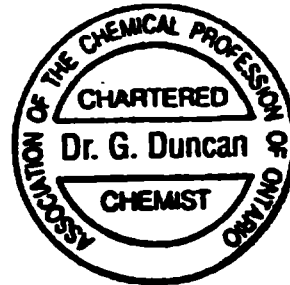
91

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

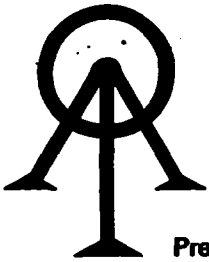
SAMPLE NUMBERS		Gold
Accurassay	Customer	ppb
246204	TR 3554	5437
246205	TR 3555	820
246206	TR 3556	29
246207	TR 3557	412
246208	TR 3558	163
246209	TR 3559	216
246210	TR 3560	<5
246211	TR 3561	74
246212	TR 3562	20
246213	TR 3563	24
246213	TR 3563	43 Check

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 Sup.



G. Duncan



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

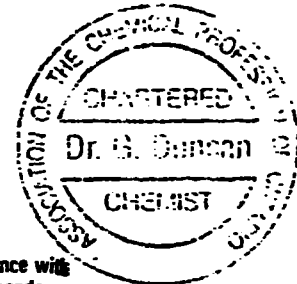
1991

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

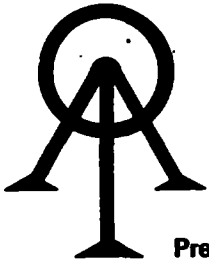
*Timmins
 RECON
 Mallard Prop
 Mallard Twp.*



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 GOLD FIELDS CANADIAN MINING LIMITED

Per: _____

ORIGINAL



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 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

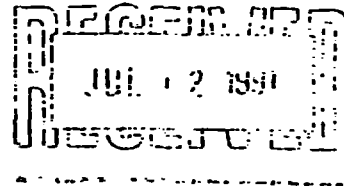
Gold Fields Canadian Mining
 467-C Preston Lane
 P.O.Box 1150
 Timmins, Ontario
 P4N-7H9

July 8

91

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

SAMPLE NUMBERS		Gold	
Accurassay	Customer	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



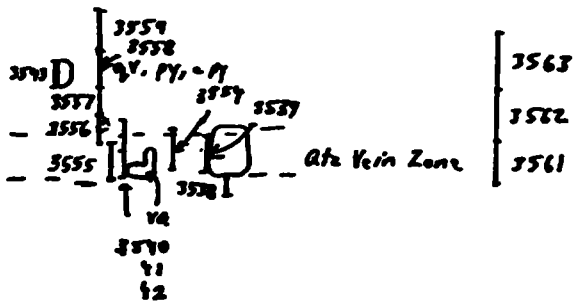
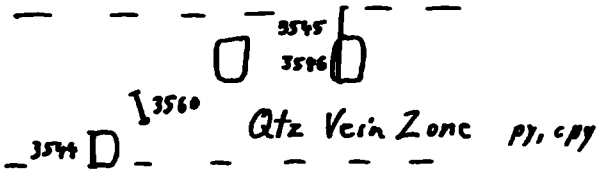
*Timmins Rec'd
 MAILING FROM
 MAIL ROOM*

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

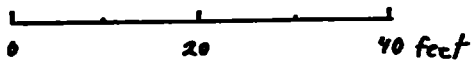
Per: Brian Leaser

ORIGINAL

160° →



3547 gr. py



"VG Showing"

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

Clegg & Company Ltd.
Sarnick Road
W. Ontario
J 9G2
(513) 749-2220 Telex 053-3233



Geochemical Lab Report

REPORT: 091-41872.0 (COMPLETE)

DATE PRINTED: 4-30-91

PROJECT: 205

PAGE 1

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

*Mallard Twp.
Property*

*Roadside
Property
Garment Twp*



PLACER DOME INC.
 DOME MINE

BOX 70
 SOUTH PORCUPINE, ONTARIO
 PON 1H0

(705) 235-3221
 TELEEX 067-81611
 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

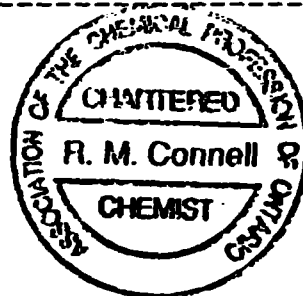
Proj.205

Assay for..Au

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

NOTE: N/D = NONE DETECTED

Assayed by: Andie O'Donovan





Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Page 1 of 2

1W-3366-RA1

Assay Certificate

Company: **AMERICAN BARRICK RES. EXPL.**

Date: **JUL-16-91**

Project: **MR. G. TOUSIGNANT**

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
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

← between two stripped areas

Pit #1
North west



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
 Ass: ROGER DAHN

Date: JUN-05-91

Copy 1. P.O.BOX 1205, TIMMINS, ONT. P4N 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 (F-1)	1						
14432 G-1	710	.022					
14433 M-9	144						
14434 M-6	1735	.053					
14435 M-5	72						
14436 P-4	121510	3.73-124115	94972	92846	7.9		28600
14437 M-3	11657	.35-11040			1.0		
14438 M-7	302	:01					
14439 M-1	754	.25					



Ontario

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 11737

Laboratory Report

Date May 30, 1991

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

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton			
6433A	0.006	}	Pit # 1		
6434A	0.003				
6435A	1.984				
6436A	0.007				
6437A	0.003				
6438A	0.002				
6439A	0.009				
6440A	0.013				
6441A	0.009				
6442A	0.002				
6443A	0.017				
6444A	0.011				
6445A	0.014				
M-1	22.082			}	Pit # 2
M-2	0.069				
M-3	0.026				
M-4	Trace				
M-5	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.

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.

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).

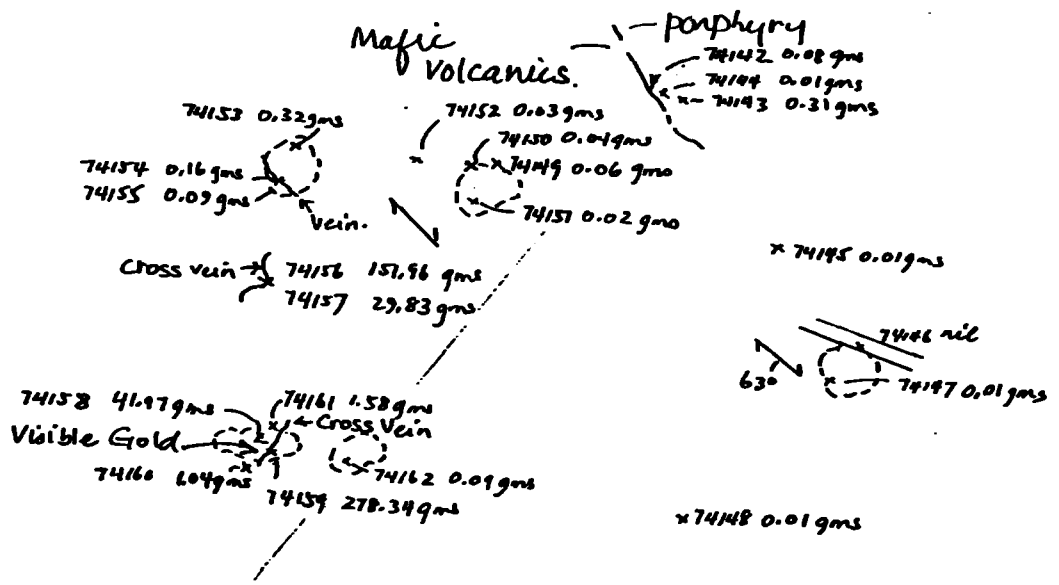
I wish you luck in moving this one and hope you keep us in mind for future opportunities. It was also good to see you again.

Best regards,

Dale R. Alexander

for
Dale R. Alexander
Senior Exploration Geologist

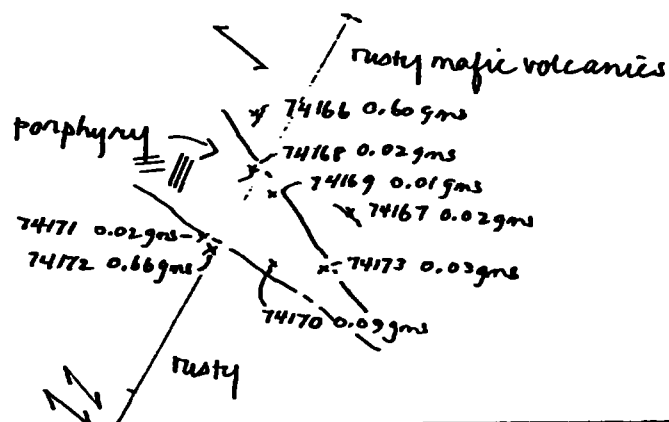
DRA/ag
Encls.



74163 0.13 gms.

Denomme / Ross property
 Mallard Twp.
 SE Stripped Area

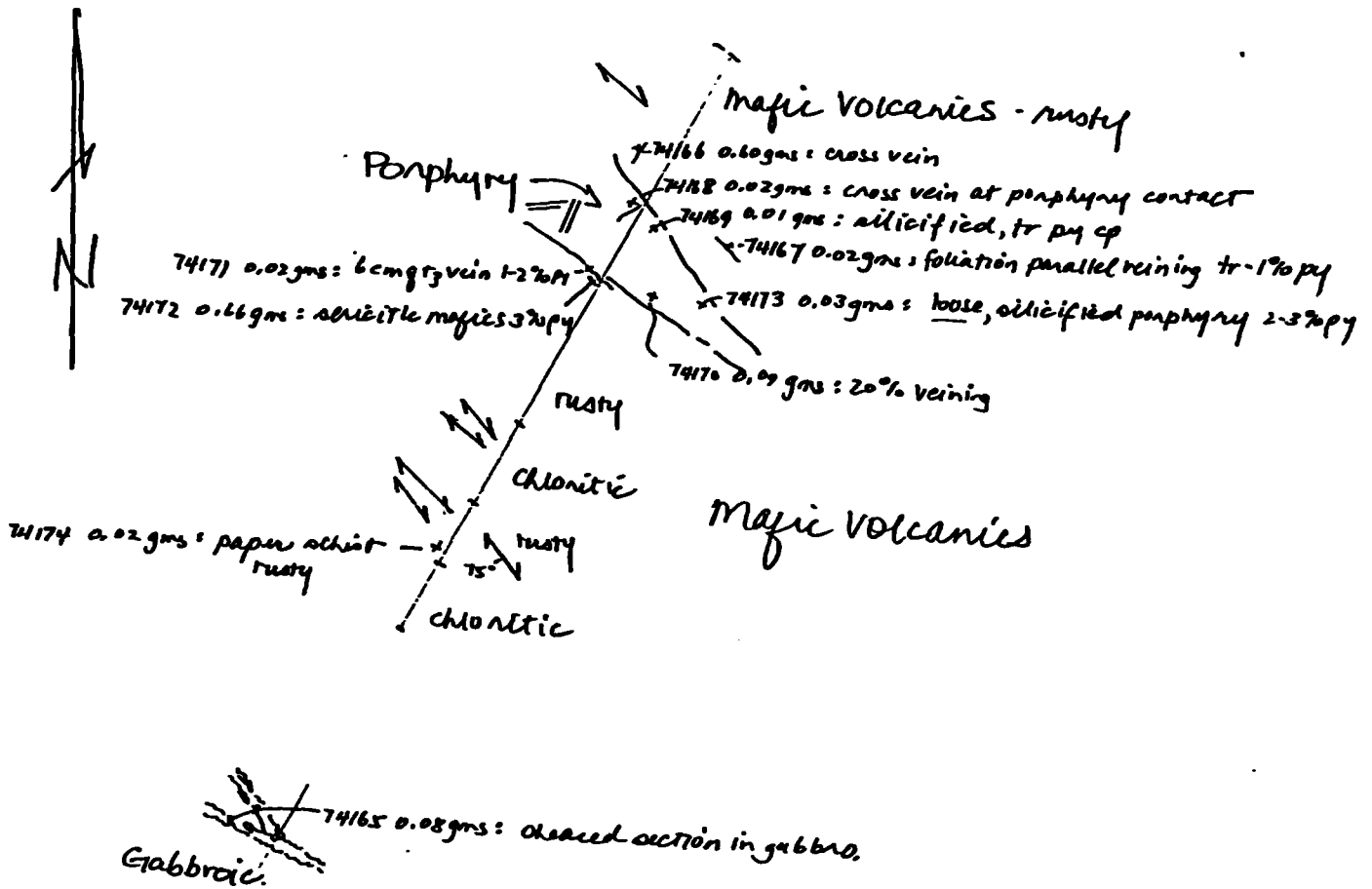
1" = 20'



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'

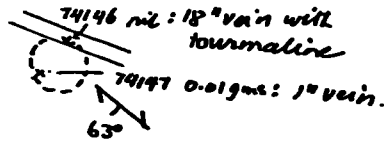


contact
porphyry.

mafic
volcanics

- 74142 0.089gms: cross vein tr py an
- 74144 0.019gms: altered
- 74143 0.319gms: unaltered tr py cp
- 74150 0.049gms: veining with 1% py cp
- 74149 0.06gms: veining with tourmaline 2-3% py
- 74151 0.02 gms: veining at 320° tr py
- 74145 0.01gms: rusty tr veining
- 74153 0.329gms: 6cm vein
- 74154 0.16gms: small vein 1-2% cp
- 74155 0.09 gms: wallrock 2-3% py coarse

- cross vein - 74156 151.96 gms: 10-15% coarse py in cross vein
- 74157 29.83gms: 10% cp py in cross vein



- 74158 41.97gms: north of high grade tr py cp
- 74161 1.58gms: wider grs vein tr py

Visible Gold Area

- 74160 1.04gms: rusty wallrock south of high grade
- 74162 0.09gms: tr veining in rusty wallrock.
- 74159 278.39gms: cross vein 2-3% cp near junction with high grade
- 74148 0.01gms: rusty w small cross vein

Denomme / Ross property
Mallard Twp
SE Stripped Area

- 74163 0.03gms: highly contorted vein with chlorite and tourmaline

1" = 20'



mafic volcanics - rusty

- 74166 0.60gms: cross vein
- 74168 0.02gms: cross vein at porphyry contact
- 74169 0.01gms: silicified, tr py cp
- 74167 0.02gms: foliation parallel veining tr 1% py
- 74173 0.03gms: loose, silicified porphyry 2-3% py
- 74170 0.09gms: 20% veining

Porphyry

- 74171 0.02gms: 6cm grs vein 1-2% py
- 74172 0.66gms: sericite mafics 3% py

rusty

chloritic

mafic volcanics

- 74174 0.02gms: paper schist rusty

chloritic

rusty

75°

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 - rusty 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 ± ankerite. 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 ankeritic margins to dull ankeritic fracturing. Host is a dark green mafic volcanic (15% of sample). 0.01gr
- 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

- 74143 - Mall-2 - sample of less altered porphyry at this location - center of dyke. Grey, fg, siliceous. Trace of veining, trace py, cp. 0.31g
- 74144 - Mall-3 - sample of altered porphyry 18" north of south contact. Porphyry is streaked with orange to reddish stain. Unveined 0.01g 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. 0.01gm
74146. - Mall-5 - sample 35' east of porphyry in 18" bull quartz vein at 290°. The vein contains fine fractures with calcite, chlorite and kerolite ± antlerite. The vein also has some ribboned fractures with tourmaline. Unmineralized. nil
- 74147 - Mall-6 - sample from a 3cm vein at 305°, 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). 0.01g
- 74148 - Mall-7 - Heavily rusted sample 15' south of last sample. Sample taken for a milky quartz vein that is a cross feature. Unmineralized. 0.01g
- 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 (just sample (#8)) but here there are some fractures with tourmaline, and less wallrock is present with 2 to 3% py. 0.04g

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 again, 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 chalcopyrite 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 chalcopyrite 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

basalt.

0.03gms

- 74153 - Mall-12 - roughly 30' west of samples 8, 9, 10, another pit. Sample of ankrite-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 chalcopyrite 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

74161 - Mall - 20 - chip samples from margin of wider
bullish quartz veins to north. of high
grade. Margins again are antedilite,
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% is 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. 0.08 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. 0.60 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

- 74163 - Mall - 22: sample 75 to 80' south of porphyry area. a highly contorted 2cm quartz vein with chert fracturing and tourmaline. wallrock is sericitic and chloritic. Unmineralized. 50% δ veining. 0.13gms
- 74164 - Mall - 23: sample intermediate between two stripped areas. Poor exposure. Sample is 40% veining with 3 to 5% cubic py. 2.16gms / 6.06gms
- 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. 0.68gms
- 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. 0.60gms
- 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. 0.02gms
- 74168 - Mall - 27: sample from porphyry unit - a cross-vein at the contact. (225°). Rusty, no mineralization noted due to rust. 0.02gms
- 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. 0.01gms
- 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

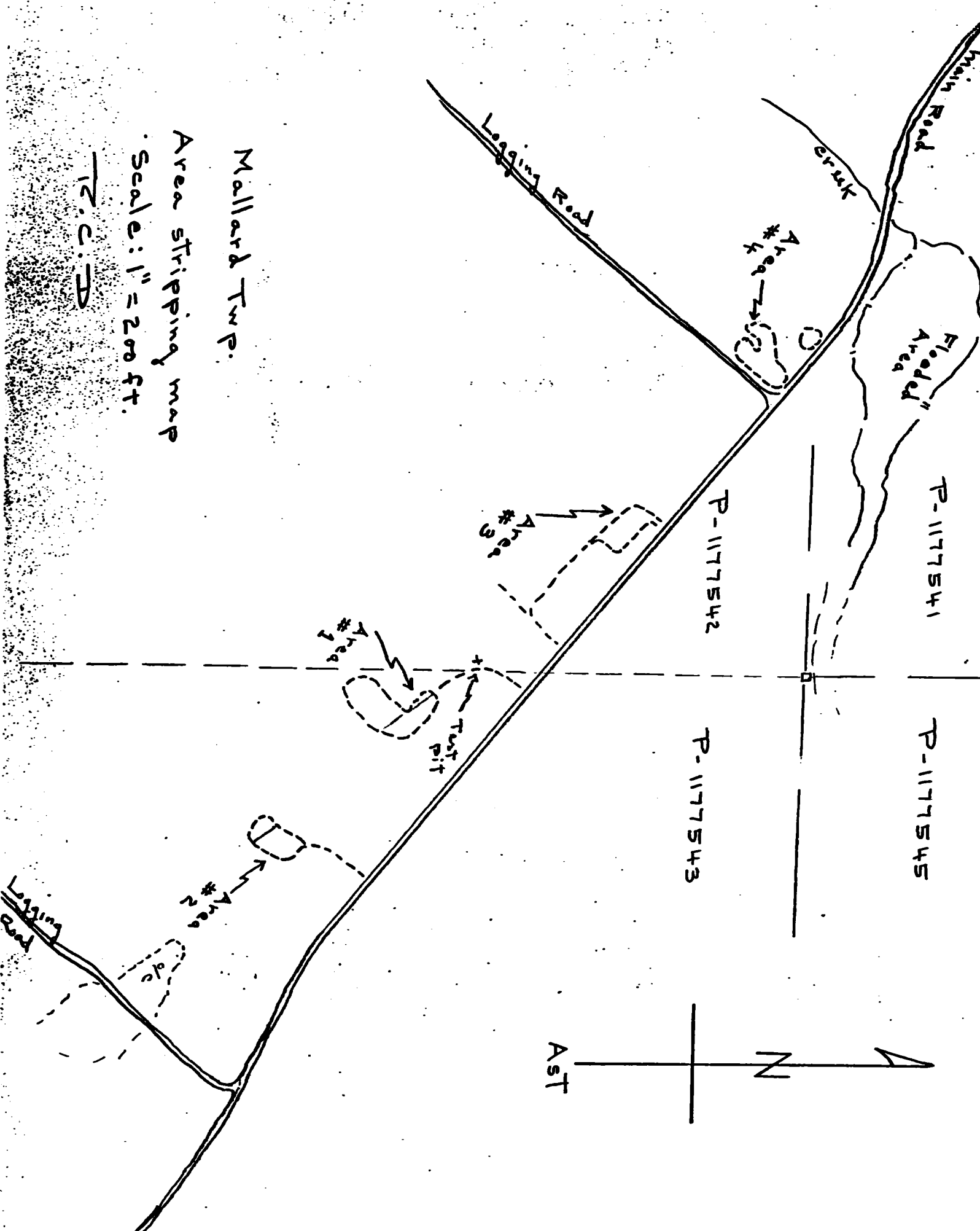
to pinkish orange healed fractures. The sample is partly rusted. 0.09 gms

74171 - Mall-30: sample of a 6 cm quartz vein with creamyankerite 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 ankeritic. The vein is foliation parallel. 0.02 gms

74172 - Mall-31: sample of sericitic 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.



Mallard Twp.

Area stripping map

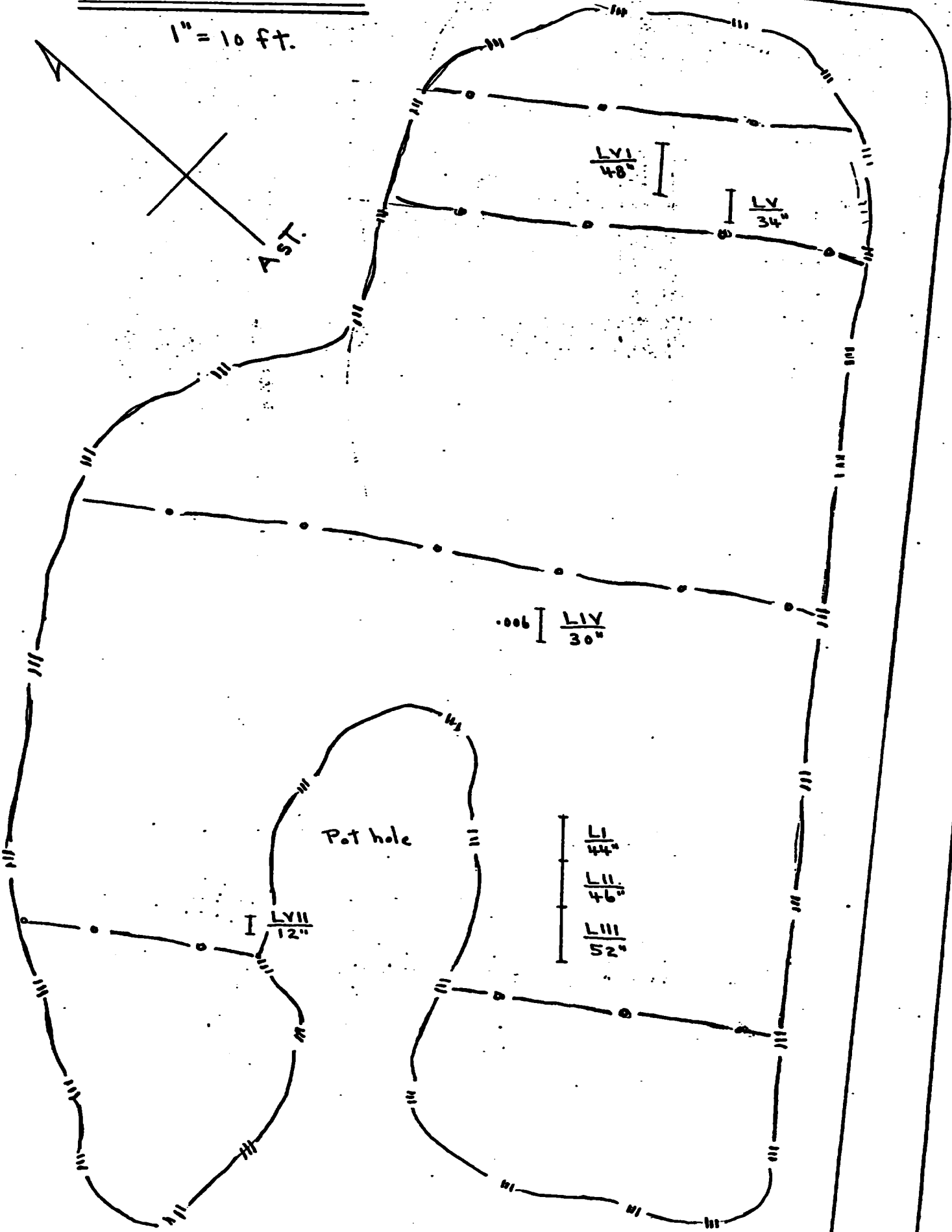
Scale: 1" = 200 ft.

T.C.: D

Strip Area # 4

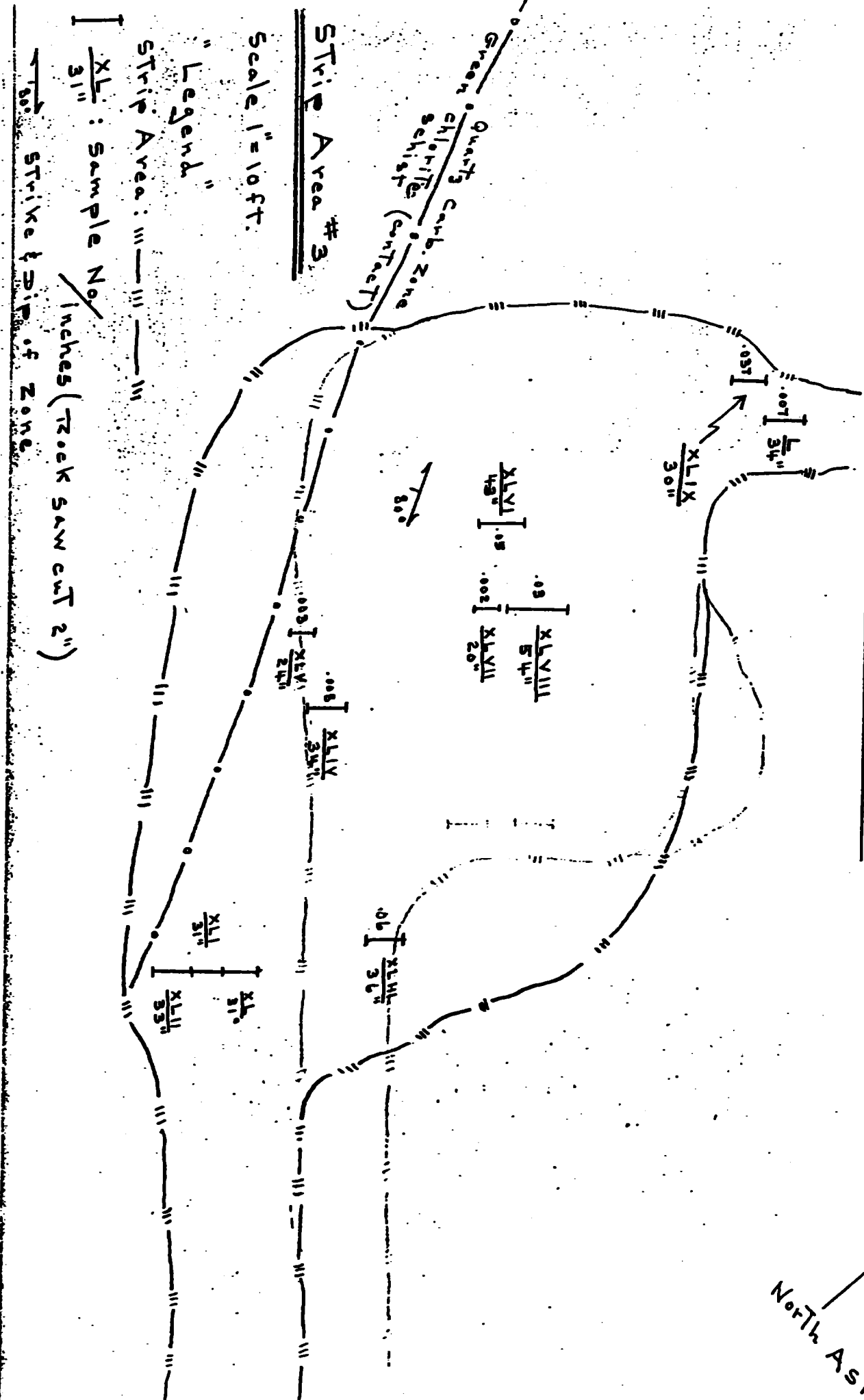
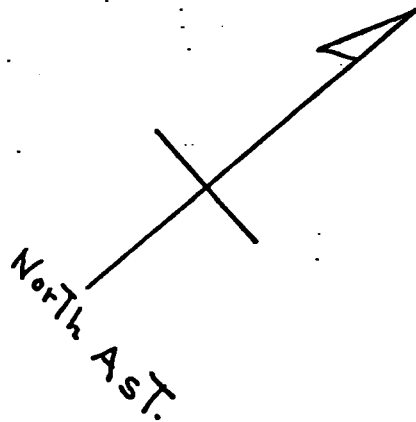
1" = 10 ft.

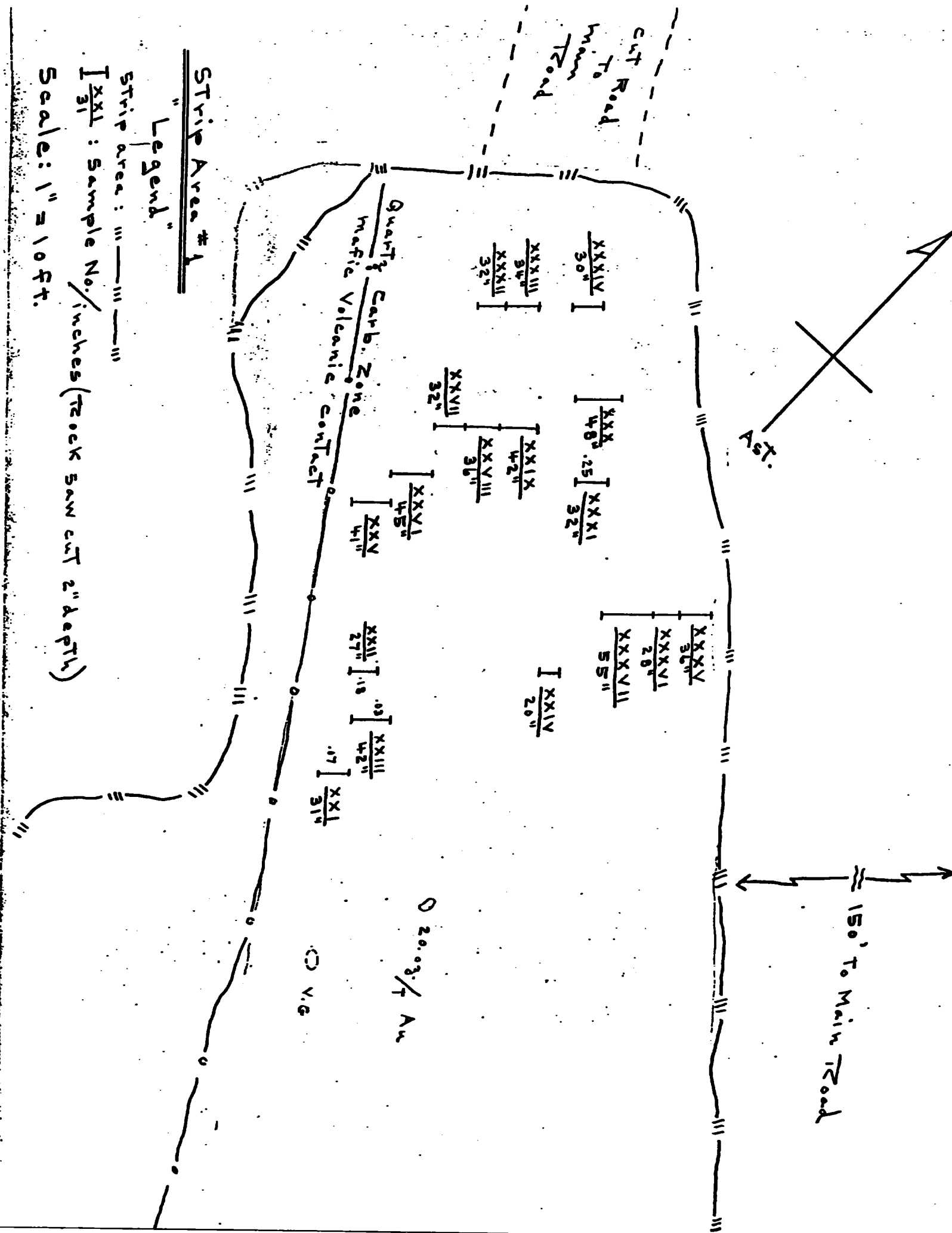
Main Road



LVIII 12"

Main Road







Established 1928

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
Project:
Attn: 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 .

MEL N^cC

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			
R-5	0.116	0.120	



Established 1928

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

1W-4101-RA1

Assay Certificate

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-LVI	Nil		
60-LX	0.003		
61-LXI	Nil		
D-1	Nil		
D-2	Nil		
D-3	0.003		

Certified by Donna Gardner

<u>PROJECT AREA</u>	<u>DATE.</u>	<u>WORK PERFORMED.</u>	
MALLARD TWP.	JUNE 3/91	DRIVE TO TIMMINS TO BRING	
	JUNE 4/91	ASSAYS TO NORANDA MINES, RECORD OUR CLAIMS AND PURCHASE SUPPLIES.	
		1 day	GET READY TO RETURN TO MALLARD IN ORDER TO STAY 3 OR 4 DAYS.
	JUNE 5/91	STAKING CLAIMS IN MORNING AND WORK CLAIMS AFTERNOON	
		1/2 day	STRIPPED MORE VEIN WITH GRUBHOE STAYED NIGHT IN OLD CAMP WHICH WE REPAIRED
	JUNE 6/91	STAKING CLAIMS IN MORNING AND PROSPECTING IN AFTERNOON	
		1/2 day	WALKING CLAIM LINE FOR OLC
	JUNE 7/91	PLUGGER WORK, BLASTING - 3 TRENCHES IN THE WEST ZONE	
		1 day	RETURNED HOME LATE AFTERNOON
	JUNE 11/91	DRIVE TO MALLARD. STAKE CLAIMS IN THE MORNING. PROSPECTING IN THE AFTERNOON. PLUGGER AND BLASTING ON 10 FT QTZ VEIN JUST SOUTH OF HYGRADE VEIN.	
		1/2 day	STAYED NIGHT IN CAMP.
	JUNE 12/91	STAKED CLAIMS IN MORNING. HELP WASH AREA WHICH WE BLASTED ON 11th	
		1/2 day	WE FOUND 5 SPOTS OF VG IN THIS TRENCH. STAYED NIGHT
	JUNE 13/91	STAKED CLAIMS IN MORNING PLUGGER WORK IN AFTERNOON	
	1/2 day	BLASTING AND WASHING MINOR PYRITE + CALCO STAYED NIGHT.	
JUNE 14/91	CLEANED TRENCHES, PACKED UP OUR GEAR + SUPPLIES WHILE GEORGE WENT AND SAMPLED TRENCHES WITH ROGER DAWSON		
	1 day	RETURNED LATE AFTERNOON	
JUNE 18/91	RETURNED TO MALLARD - SET UP CAMP, PLUGGER WORK - TRENCHES AND PROSPECT. STAYED NIGHT		
	1 day		
JUNE 19/91	STAKED CLAIMS IN MORNING PLUGGER WORK IN AFTERNOON ON VEIN 250 FT WEST OF WEST SHOWING ACROSS POINT, ALONG R		
	1/2 day	NO MINERALIZATION. STAYED THE NIGHT	

DAILY LOG. PROSPECTING

<u>PROJECT AREA.</u>	<u>DATE</u>	<u>WORK PERFORMED.</u>
MALLARD TWP.	MAY 21/91	TRAVELLED WITH GEO ROSS AND RICHARD MORIN TO MALLARD TWP TO LOOK AT A VEIN GEORGE HAD FOUND ON MAY 19/91. ○ WE DECIDED TO STAKE 3 CLAIMS TO COVER THE SHOWING AS IT LOOKED VERY PROMISING. <u>NO TIME CLAIMED</u>
	MAY 24/91 1 day	TRAVELLED BACK TO MALLARD AND TOOK 14 GRAB SAMPLES FROM WEST ZONE. PULLED MORE MOSS WITH GRUBHOE. PROSPECTED ALONG STRIKE
	MAY 26/91 1 day	RETURNED TO SHOWING WITH PLUGGER & EXPLOSIVES, BLASTED 3 TRENCHES AND THEN PROCEEDED TO EAST ZONE AND BLASTED MORE TRENCHES. OVER THREE VEINS. LOTS PYRITE, CALCOPYRITE AND ANKERITE, ALONG WITH CARBONATES WERE FOUND. 6 SAMPLES TAKEN
	MAY 27/91 1 day	RETURNED TO WEST ZONE, STRIPPED O/C WITH GRUBHOE THEN WASHED WITH WAJAX PUMP. ZONE IS APPX 60 FT WIDE AND RUNS INTO ROAD THEN POND.
	MAY 30/91 31/91	RECEIVED ASSAY RESULTS AND SORT OF SHOCK US. (AS FOLLOWS.) WEST ZONE - 1.98 OZ/TON EAST ZONE - 22.08 OZ/TON ○ ALL PARTNERS PROCEEDED TO STAKE 7 MORE CLAIMS (TOTAL 10) <u>NO TIME CLAIMED</u>
	JUNE 2/91 1 day	RETURNED TO MALLARD, TOOK 8 SAMPLES FROM EAST ZONE TO BE SA ASSAYED BY NORANDA MINES. ALSO TOOK 2 SAMPLES FROM GARNET TWP SHOWING ON WAY BACK FROM MALLARD.

3

<u>PROJECT AREA.</u>	<u>DATE.</u>	<u>WORK PERFORMED</u>
MALLARD TWP.	SEPT 17/91 1 day	DROVE TO MALLARD, BROUGHT Pump AND EQUIPMENT FOR GEORGE & ROGER, WALKED 2 CHAIN LINES. RETURNED HOME LATE AFT. GEORGE & ROGER STAYED FOR STRIPPING PROGRAM. I did NOT PARTICIPATE.
	SEPT 26/91 1 day	ROCK SAWING WASHED AREA ALL DAY. GUT GEOLOGIST (LORNE LUHTA) WAS IN TO SEE SHOWING.
	SEPT 27/91 1 day	ROCK SAWING WASHED AREA WITH COPPERQUEST EXPL. RETURNED HOME LATE AFT.

<u>PROJECT AREA</u>	<u>DATE</u>	<u>WORK PERFORMED.</u>
MALLARD TWP.	JUNE 20/91	STAKED CLAIMS IN MORNING, PROSPECTED FOR APPX 1500 FT BETWEEN EAST + WEST ZONE. Picked up small piece QTZ which HAD VG (small speck) dug with GRUBHOE, FOUND VEIN MATERIAL TOO DEED - NEED MECHANICAL Equip. (shove). STAYED THE NIGHT
	1/2 day	
	JUNE 21/91	BROKE UP CAMP, PACKED GEAR IN TRUCK, WENT TO SHOWING CLEANED ROCK OUT OF SOME TRENCHES - PLACER DOME VISITED AND WE HELPED W Him Sample RETURNED HOME IN AFTERNOON.
	1 day	
	JUNE 24/91	<u>INFORMATION ONLY</u> RECEIVED NORANDA ASSAYS. BEST. 3.75 OZ/TON ON EAST SHOWING LOW ASSAYS ON WEST SHOWING
	0	
	JULY 3/91	DROVE TO MALLARD, GEORGE AND MYSELF. WE HELPED 3 COMPANIES Sample TIMMIN'S NICKLE, ASARCO INC. GRANGES EXPLORATION. RETURNED HOME LATE AFT.
	1 day	
	JULY 4/91	DROVE TO MALLARD, SHOWED AND HELPED SAMPLE PROPERTY WITH AMERICAN BARRICK. RETURNED HOME IN AFTERNOON.
	1 day	
	JULY 9/91	DROVE TO MALLARD, STAKED CLAIMS IN MORNING AND PROSPECTED IN AFTERNOON. STAYED THE NIGHT.
	1/2 day	
	JULY 10/91	STAKED CLAIMS IN MORNING, PROSPECTED TO THE NORTH WEST ALONG PATENT CLAIMS TRYING TO FIND EXTENSION OF OUR VEIN. NOT SUCCESSFUL. STAYED NIGHT.
	1/2 day	
	JULY 11/91	PROSPECTED CLAIM LINES - NO INTERESTING ROCK FOUND, RETURNED TO CAMP MID DAY AND BROKE UP CAMP, PACKED + RETURNED HOME
	1 day	
	JULY 17/91	DROVE TO MALLARD, HELPED TO SAMPLE BY KIRKTON RESOURCES RETURNED HOME IN AFTERNOON
	1 day	

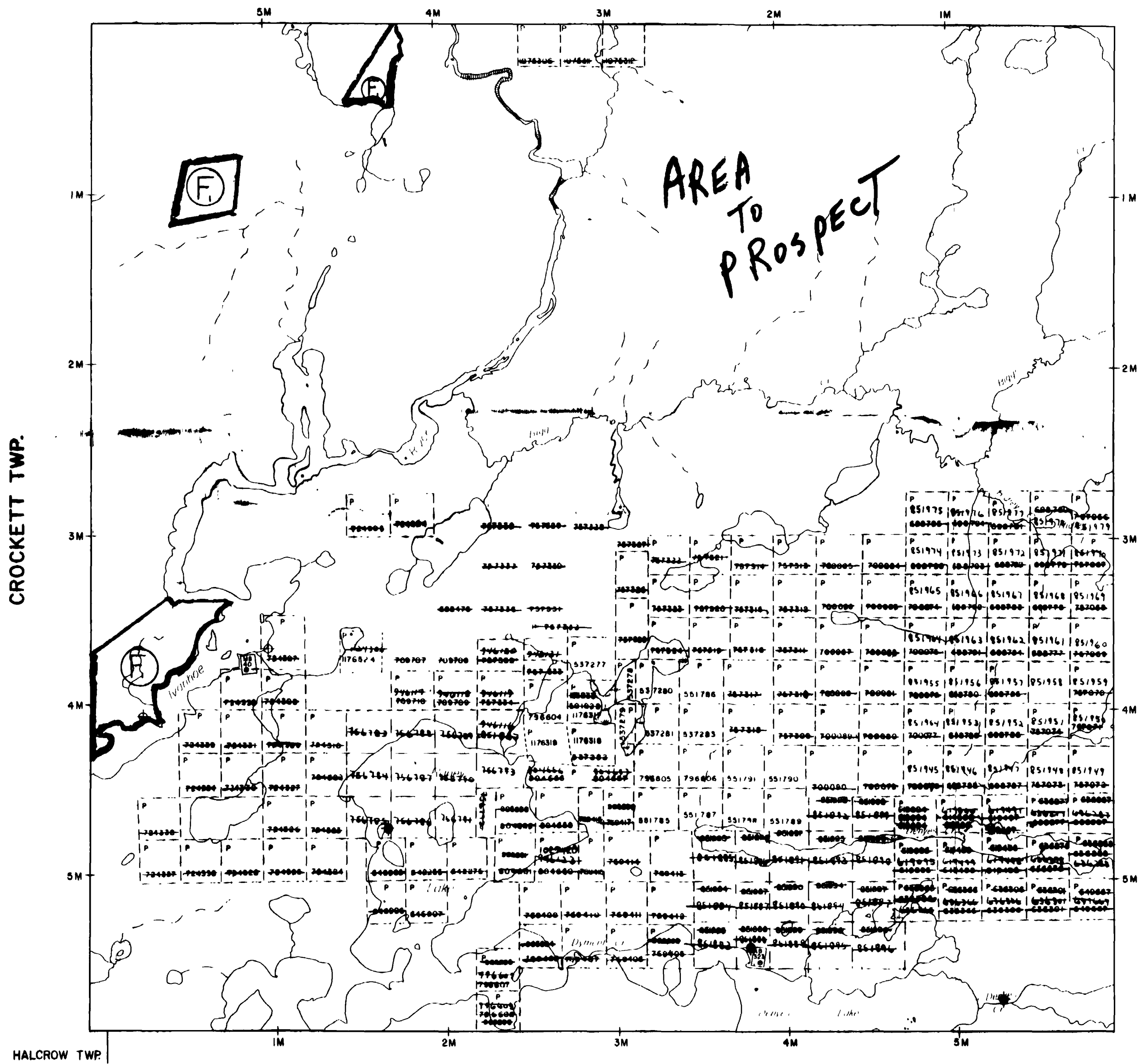
REFERENCES

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				
7715A+7715B withdrawn from status				
7715C - 1878 cancelled				

HELLYER TWP.



LEGEND

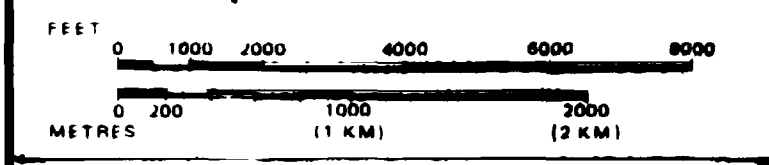
- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC
- LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION 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 8 1913 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1970, CHAP. 380, SEC. 62, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



NOTES

Ⓡ THIS TWP IS SUBJECT TO FOREST ACTIVITIES IN 1990 FURTHER INFORMATION AVAILABLE ON FILE.

TOWNSHIP

RANEY

M.N.R. ADMINISTRATIVE DISTRICT

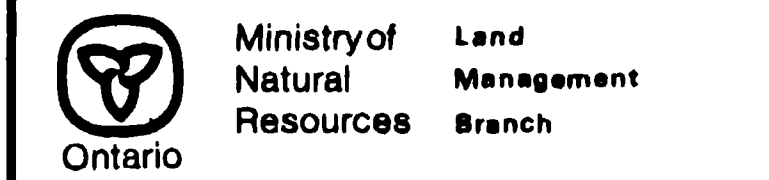
CHAPLEAU 0911-245

MINING DIVISION

PORCUPINE

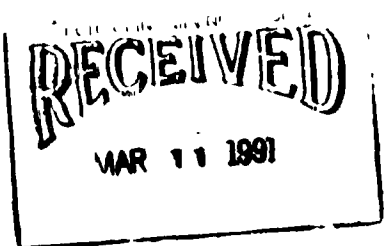
LAND TITLES / REGISTRY DIVISION

SUDBURY



Date MARCH, 1985

Number **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



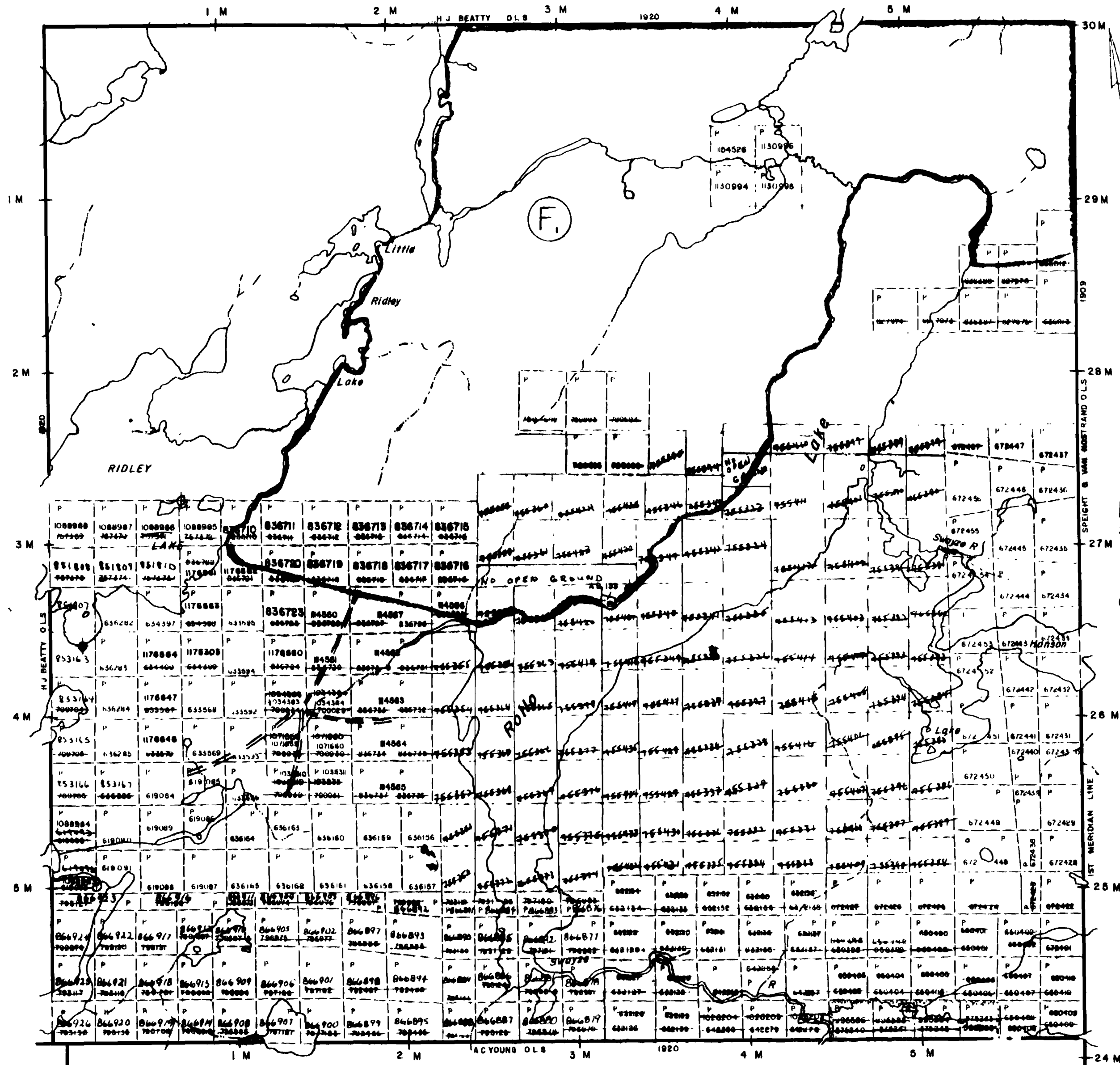
REFERENCES

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 FILED FOR EXPLORATORY PURPOSES OF OCCUPATION... LAND NOT OPEN TO SPACING 11/01/87				

Biggs Twp.



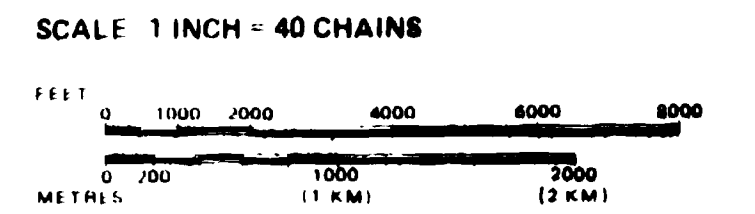
LEGEND

- 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 SHORLINE
- 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



NOTES

Ⓟ THIS TWP. IS SUBJECT TO FOREST ACTIVITIES IN 800. 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

By of June 4/85

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.

Denyes Twp

Swayze Twp.

0P91-245



REFERENCE

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
①	SRO		135263	
②	MNR RES		SRO	22417
③	SEC 36/80	7/2/80	SRO	168543

SAND AND GRAVEL

- ① MTC PIT
- ② MTC PIT 3A-15
- ③ MTC PIT 3A-16
- ④ MTC PIT 10B5
- ⑤ GRAVEL FILE 177587
- ⑥ MNR PIT 3A-1 (MOE WASTE DISP SITE)

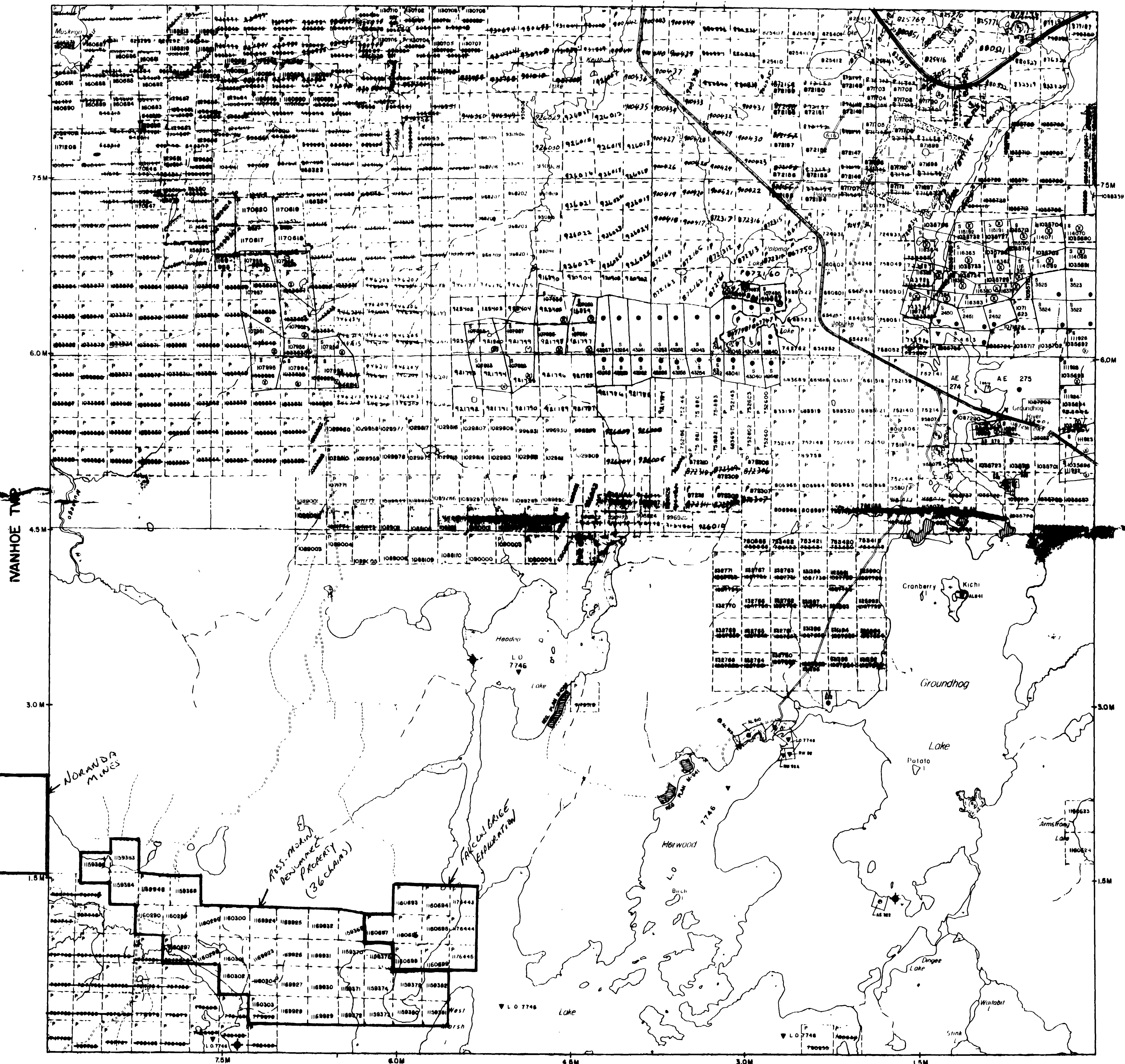
NOTES

SURVEY LINES SHOWN THUS ARE FOR CONTROL ONLY. CLAIMS CLASSIFIED AS BEING IN UNSUBDIVIDED TERRITORY - March 7, 1947.
Surveyor General

FLOODING

Flooded areas on Hoodoo & Horwood Lakes and Groundhog to contour elev. 1117 L.D. 7746 File: 78166

MUSKEGO TWP.



LEGEND

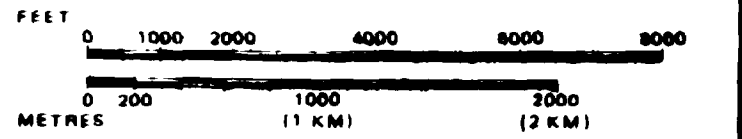
- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC
- LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION 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 PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



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

Ministry of Land Management
Natural Resources Branch
Ontario

Date APRIL 1985

Number

G-3238

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED THOSE HOLDING TO STAMP MAIL



4281NE024 091 245 10RWOOD