



42E148N8047 OF93-94 WALTERS

010

LEGAULT TOWNSHIP PROJECT
(Missing Link Extension)

17 Claim Group

THUNDER BAY MINING DIVISION

PROSPECTING AND TRENCHING PROGRAM

MYRON NELSON - OF-93-44

1993

PROPERTY DESCRIPTION

The claim group consists of 17 unpatented mining claims
numbered TB-1194067 TB-1194068
 1194069 11210780
 1121079 1138701
 1138702 1138703
 1138704

Claim number 1194067 contains 8 units, claim number 1194049
contains 2 units. Total in group are 9 claims consisting
of 17 units.

LOCATION OF PROPERTY

The claim group is located North of the Namawaminikan
River in Legault Township, Thunder Bay Mining Division and
lies Northeast of Jellicoe Ontario. N.T.S. Map #42E11.
Longitude - 87° - 28'
Latitude - 49° - 45'

ACCESS TO PROPERTY

Access to the claim block is by travelling 45 km.
East on Highway #11, then north on the Kinghorn Road
for another 8 km. The Kinghorn Road runs through the
Eastern part of the claim block.

1993 PROSPECTING and TRENCHING PROGRAM

LEGAULT TOWNSHIP

(Missing link Extension)

The program was started in late June with conventional prospecting throughout the summer. Most of the claim ground is covered by swamp, sand plain or water. Conventional prospecting turned up nothing of any interest due to these conditions. In 1990 an agreement had been reached with Freewest Resources of Montreal. The company did a geophysical survey, backhoe trenching, washing and sampling program. During the backhoe trenching program, a wide carbonitized, chlorite, sericite shearing was uncovered. Sections of this was intensely sheared with quartz veining and arsenopyrite. Gold values of up to .20 oz per ton were taken here. As this area had only been sampled with a diamond rock saw it was thought that by drilling with a gas plugger and blasting a trench across these areas better values might be encountered. A total of three days was spent drilling and blasting. The blasted trenches were sampled by myself and by Gerry White (Resident Geologist, M.N.D.M., Thunder Bay). Gold values found in assaying were low ranging from .02 to .08 o.p.t. Chalcopyrite was uncovered here also. Although the samples were not assayed for CU they should run about 2% CU.

Mr. Pentti Lassila (consulting geologist) was contracted to map the Legault Property. He mapped the property along the cut picket lines. Not much outcrop was noted due to the overburden-swamp on the claim block. See Lassila Map #1.

The backhoe trenching program was started on Oct. 19th and was carried on for five days. Mr. Polan Cox of Thorcox Excavating was given the contract to do the digging. All of the backhoe work was done on claim TP-1194068. The first target was an anomaly that was outlined by Freewest's geophysics. This lies approximately 150 m. west of the Highhorn Road. Overburden at this location was very deep.

To get to bedrock the backhoe operator had to dig a ramp. Rock was reached at about 7 meters. A chlorite - sericite shear with quartz stringers was uncovered. Fine pyrite and chalcopyrite was splashed throughout the shear. This trench lies east-west. The backhoe was moved around to dig a trench to the north. Another shear was uncovered similar to the first shear except it had no quartz stringers. Fine pyrite and was also present. The host rock was mafic pillow lavas. Sampling returned no values. Water became a problem in the trenches so the digging had to be abandoned at this site. We tried digging on the west side of the trench to determine what caused the anomaly but due to the depth of the overburden this became impossible. See Lassila map Field Sketch #1.

Trench # 3 is just south of the work that was done in 1990. Digging with the backhoe exposed a shearing from 3 meters to 12 meters in width and exposed for approximately 40 meters. This is a very intensely sheared area with chlorite-sericite alteration, and minor quartz stringers. Sparse arseno pyrite and pyrite are also present. Flattened pillow lavas are exposed on the south side. Frank Houghton was hired for two days to wash the area off using a high pressure water pump. The area was then drilled and six pits were opened by blasting. Assaying returned no gold values. See Lassila Field Sketch #2

Trench #4 is located 15 meters south of the #3 trench and is 12 meters in length, 6 meters wide and from 1 to 3 meters deep. This digging also uncovered a shear zone. The shear is made up of chlorite, epidote and white to almost black quartz. Very rusty with sparse pyrite. The shearing is about two meters in width. Grab samples taken returned no gold. See Lassila Field Sketch #2

Trench #5 is located east of No. 3 trench. The shear is made up of altered mafic volcanics, chlorite - sericite with some quartz stringers and very little mineralization. Assaying returned to gold values. See Field Sketch #4.

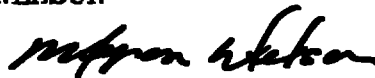
Trench #6 is east of the Kinghorn Road and was dug in a north south direction to cut across any shearings. It has a length of 70 meters and is from 1 to 4 meters deep. Two shearings were uncovered in this trench. The first one is a silicified shear zone made up of sericite - chlorite with little mineral visible. No gold value. The second is a quartz carbonate with chlorite - sericite, pyrite and is badly rusted. This shear is about one meter wide. Assaying returned no gold values. See Field Sketch #3

Trench #7 is located 150 meters south of the #6 trench. This was dug on a E.W. anomaly but failed to reach bedrock due to the depth of the overburden. At a depth of about 5 meters a piece of angular float was dug up. It was badly rusted and had sericite, quartz veining and visible pyrite. This piece of float weighed about 100 kgs. and because of its angular shape it did not come far in the till. This was very interesting as there is a large anomaly to the N.E. of the digging. Sample from the float returned no gold values.

Trench #8 is located just south of trench #7. This was dug in gravel and quickly filled with water at about four meters and was abandoned. See Field Sketch #7 and #8.

This ended the backhoe program. Mr. P. Lassila came to the property on October 31/93 and we mapped in all the trenches and coordinates. I have already had calls from two interested parties on this property. Hopefully an option agreement can be reached with one of them. I have enclosed photographs of some of the work done. This will give you some idea of what the property looks like.

MYRON NELSON



1993 O.P.A.P.

OP-93-44

Missing Link Extension

LECAULT TOWNSHIP

RESULTS AND RECOMMENDATIONS

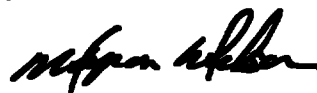
Several new shearings were uncovered during the trenching program. Although gold values were not present this was not discouraging as only a little corner of the property was worked on. The new shears that were exposed are coincident with magnetic lows that trend at approximately 26°. Sulphide mineralizations and gold values were uncovered in previous workings. Due to the heavy overburden and the lakes in the middle of the claim no work could be done in these areas. The Northern part of the block is quite swampy so the same problem was encountered.

There are two distinct magnetic trends on this property. The northern trend is where the program was done. Although the anomaly we tried to dig on could not be reached we did uncover mineralized shears in the area. Both these magnetic trends continue across the claim block.

The southern trend could not be reached with the backhoe because of the overburden. The only indicator was a piece of float dug up in the gravel. (Trench #7).

I believe that an I.P. survey on the property would better define any mineralized zones or the existing anomalies should be diamond drilled.

MYRON NELSON



PROPERTY GEOLOGY

Legault Township

The claim block and the prospect area lie just south of a large regional fault known as the Paint Lake Fault. Most of the work was done on claim TB-1194068. Many new showings were uncovered during the program. The shears which were uncovered were composed of chlorite, cerrusite, quartz veining and carbonate alteration. Minor amounts of pyrite, arseno pyrite and chalcopyrite were noted. The intermediate volcanics underlie the northern portion of the property. A small lake lies in the middle of the claim block. Gravel eskers surround this with Jackpine sanding flats.

The northeastern part of the property is covered by cedar or spruce swamps and sand plains covered with jackpine.

The northwestern part of the property is covered by a large cedar swamp on the north and sand plains with quite a bit of rock exposure. The outcroppings noted were mafic volcanics - medium to fine grained, occasional quartz veining and some pillow lavas. Pyrite was observed in a few locations.

The southwestern part of the property is covered mostly by water, due to the Namawaminikan River running through here. Sand plains make up the surrounding area.

Metasediments underlie the southern areas of the claim block. This is a polymictic conglomerate ranging from grey to almost black. Occasional quartz and jasper inclusions were noted.



42E148W0047 OP80-044 WALTERS

020

REPORT OF THE 1993 EXPLORATION

OF THE

M. NELSON PROPERTY

Claim Map G-170

Longitude 87° 28'

Latitude 49° 45'

For M. NELSON

By: P. LASSILA

Date: Nov. 5, 1993



42E145W0047 OPEB-044 WALTERS

020C

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Map 1 Geology & Topography

FIELD SKETCHES

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Sketch 2	Trenches #3 & #4
Sketch 3	Trench #6
Sketch 4	Trench #5
Sketch 5	Trenches #7 & #8

INTRODUCTION

Several facets of exploration including prospecting, geological mapping, backhoe trenching and sampling were carried out between June 1, 1993 and October 31, 1993 on the 17 unit M. Nelson Property (see claim map).

LOCATION AND ACCESS

The M. Nelson Property is located just north of the Mainweaminikan River about 11 km. NNE of Jellico, Ont., and about 240 km. east of Thunder Bay. It may be reached by driving 8 km. north from Hwy, 11 along the graveled Ainghorn Road which passes through the property.

WORK PROGRAM

Previous (1990) exploration by Freewest Resources Inc. included a VLF EM survey, a magnetic survey and backhoe trenching, washing and sampling, during which gold values were encountered on claim #1194068. (Asses. File Rpt. #2, 13844). The present program was conducted to try to locate additional gold bearing zones.

The total property area was mapped along chained lines at 100 m. spacing. To provide access information and a general overburden cover signature, old roads, topographical features, and elevation profiling (estimated elevations) were defined along the lines. Backhoe trenching with a 215 Caterpillar backhoe was conducted in the vicinity of the previously established gold occurrence. Mineralized locations were sampled as representative grab samples and assayed for gold.

The geological mapping results are depicted on Map 1, the backhoe trench results on field sketches 1 through 5 and the assay sample data under Appendix 1.

RESULTS AND CONCLUSIONS

About two thirds of the property area is covered by swamp, sand plain or lakes. Outcroppings of pebble - cobble size polymictic metaconglomerate occur along and just north of the property south boundary. The central east-west portion is completely covered by lake water or overburden. The northwest is underlain by massive and pillowed mafic flows and fine to medium grained interflow dioritic to gabbroic intrusives (possibly massive flow centers). Dacite was observed in one outcrop just north of the Namewaminikan River on line 19+00W.

The main area of interest is in the northwest near the Kinghorn Road on claim 1194068 where past trenching and washing exposed a carboniatized chlorite sericite shear zone with quartz veining and pyritization with associated gold enrichment. This area is underlain andesitic flows and well flattened pillow lavas which, at some locations, have been intensely sheared and have variably undergone chloritization, sericitization, carbonatization, prograde folding, wavy foliation, fissile schist and knotty quartz veining occur in the most intensely sheared locations. Freewest reported up to 0.2 oz./t. gold from the sulfide-quartz enriched locations (Asses. File #2.13844).

It was hoped that the area containing the fault contact between southlying metaconglomerate and northlying volcanics might lend itself, at some point, to surface investigation but it is everywhere covered by lake water or deep overburden. Elsewhere this faulted contact commonly carries significant gold enrichment and therefore is normally considered a prime exploration target area.

RECOMMENDATIONS

The surface aspects of the property have been rather thoroughly investigated. However IP should be conducted over the overburden covered conglomerate - volcanic contact area to test for possible sulfide - gold bearing zones.

F. Lassila

APPENDIX 1

Assay Sample Data

N. Nelson Legault Twp. Property

Assay Cert. #3W-2721-RA1

<u>Sample No.</u>	<u>Value</u> <u>oz/t AU</u>	<u>Location</u>	<u>Description</u>
16840	0.001	Tr. 1 Center shear	chlor-ser sch with qtz. veinlets
16841	0.001	Tr. 1 center shear	chlor-ser sch with qtz veinlets, cpy
16842	0.001	Tr. 1 center shear	chlor-ser sch qtz. veinlets, py
16843	0.001	Tr. 1 north shear	ser. silc. shear
16844	nil	Tr. 1 north shear	ser. silc. shear
16845	0.003	Tr. 1 north shear	ser. silc. shear, cpy py qtz. seams
16846	nil	Tr. 5 north shear	ser. ser-chlor shear, qtz. vein
16847	0.011	Tr. 5 south shear	ser.-chlor-carb qtz vein, tr py
16848	0.001	Tr. 4	silc-ser shear zone
16849	0.001	Tr. 4	white to smoky qtz 20% rusty
16850	0.001	Tr. 6 north shear	silc, qtz, ep, folds shear
203033	0.001	Tr. 6 south shear	qtz. carbonate, chlorite-sericite rusty
203034	0.001	Tr. 3	ser-chlor shear qtz-carb, py
203035	nil	Tr. 3	chlor-ser shear silc, py, qtz veinlets

AUTECR'S QUALIFICATIONS

1. I, Pentti Lassila of Ajax, Ontario, graduated in 1968 with a B.S. in Geology at the University of North Dakota, U.S.A.
2. I have actively continued a geological career in minerals exploration since 1968.
3. I have conducted the geological mapping on the M. Nelson property and am responsible for the contents of this report.

P. Lassila

November 5, 1993

A handwritten signature in cursive script that reads "P Lassila".

ASSAY CERTIFICATES

SWASTIKA LABORATORIES



Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

3W-2154-RG1

Company: MYRON NELSON

Date: AUG-09-93

Project:

Attn:

We hereby certify the following Geochemical Analysis of 6 ROCK samples submitted AUG-04-93 by .

Sample Number	Au PPB	Au PPB
16834	542	
16835	99	
16836	302	
16837	2880	2811
16838	2057	1851
16839	528	

Certified by 

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

September 20, 1993

Mr. Myron Nelson
P. O. Box 32
Beardmore, ON P0T 1G0

Dear Myron:

The following are gold assay results for five samples that I collected from the main trench at your Missing Link Extension property on August 11, 1993. I apologize for the delay.

Sample No. -----	Au (oz/ton) -----
93-MMN-1	0.02
93-MMN-2	0.02
93-MMN-3	<0.01
93-MMN-4	0.02
93-MMN-5	0.02

Sincerely,

Gerry White
Staff Geologist
Beardmore-Geraldton District
Mines and Minerals Division
Ministry of Northern Development and Mines
435 S. James St., Suite B002
Thunder Bay, ON P7E 6E3
Tel. (807)475-1331

GW/clk



Established 1928

Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Assaying - Consulting - Representation

Assay Certificate

3W-2721-RA1

Company: **MYRON NELSON**

Date: OCT-28-93

Project:

Attn:

We hereby certify the following Assay of 14 ROCK samples submitted OCT-26-93 by .

Sample Number	Au oz / ton	Au Ck oz / ton
16840	0.001	0.002
16841	0.001	
16842	0.001	
16843	0.001	
16844	NIL	
16845	0.003	
16846	NIL	
16847	0.011	0.008
16848	0.001	
16849	0.001	
16850	0.001	
203033	0.001	
203034	0.001	
203035	NIL	

Certified by 



Established 1938

Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Assaying - Consulting - Representation

Assay Certificate

3W-2721-RA1

Company: MYRON NELSON

Date: OCT-27-93

Project:

Attn:

We hereby certify the following Assay of 14 ROCK samples submitted OCT-26-93 by .

Sample Number	Au oz/ton
16840	
16841	
16842	
16843	
16844	
16845	
16846	
16847	
16848	0.001
16849	0.001
16850	
203033	
203034	
203035	

Certified by Loee Chadi

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

3W-2790-RG1

Company: **MYRON NELSON**

Date: NOV-12-93

Project:

Attn:

We hereby certify the following Geochemical Analysis of 10 ROCK samples submitted NOV-09-93 by .

Sample Number	Au PPB	Au Ck PPB
5901	3	
5902	7	
5903	NIL	
5904	3	
5905	55	51
5906	14	
5907	17	
5908	3	
5909	24	31
5910	7	

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300

CLAIM No. 1138701

DATE - JUNE 27 1993

OP-93-44

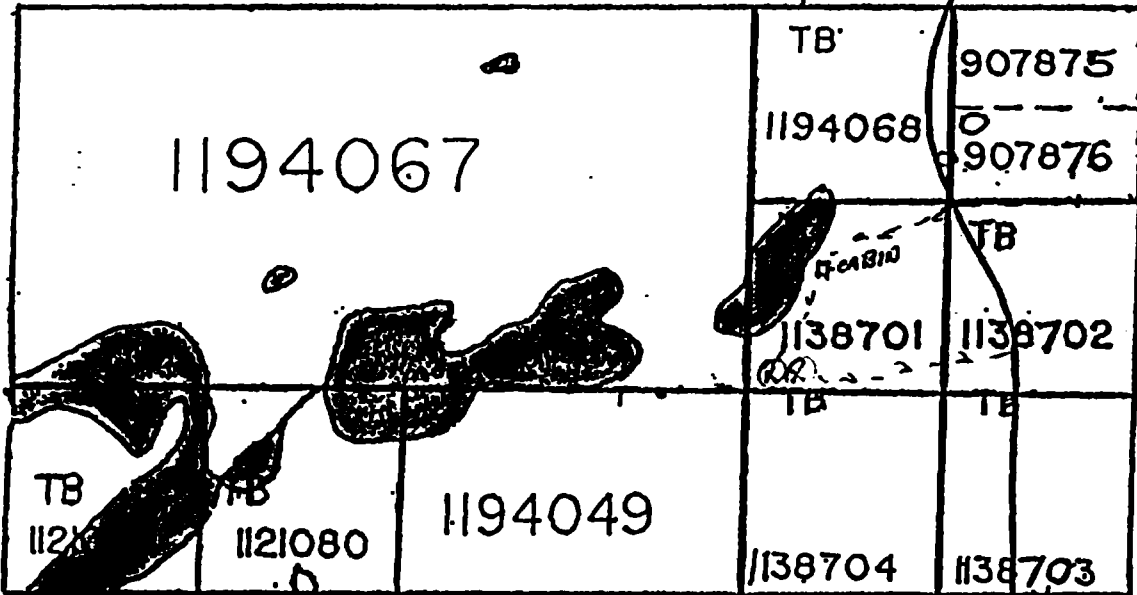
N

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

TRAVELLED WEST UNTIL I HIT A LITTLE LAKE. THEN
 SOUTH TO BOTTOM OF CLAIM. TWO SAMPLES TAKEN
 FROM SHEARED QUARTZ PEBBLE CONGLOMERATE.
 SEE - SAMPLE CERTIFICATE # 3W-1929-RG1

SCALE 1" = 400m.

CLAIM No. TB 1138701

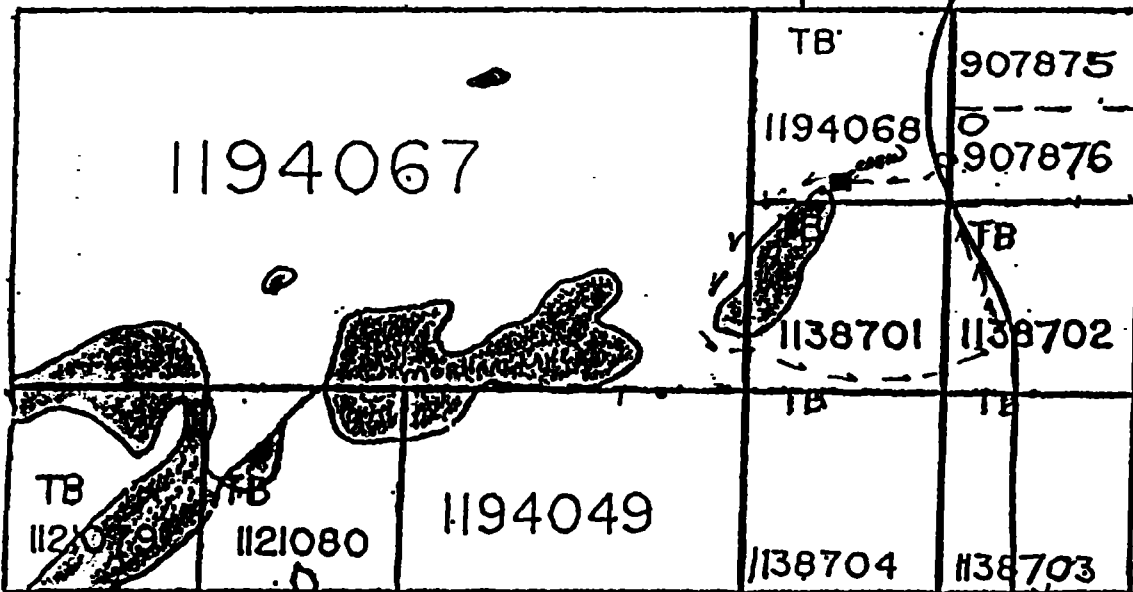
DATE - July 26 193
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

TRAVELLED WEST OF CLAIM TB 1194068 THEN SOUTH THROUGH
 SWAMP AND INTO JACKPINE FLATS AND BACK TO Rd.
 No SAMPLES.

SCALE 1" = 400 M.

CLAIM No. TB-1138103

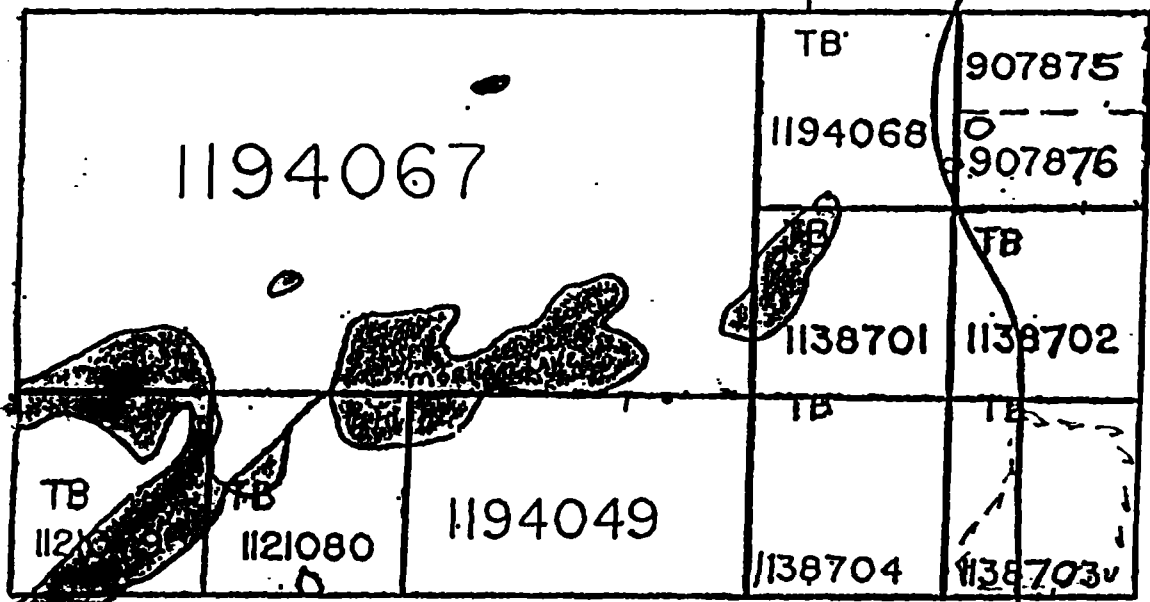
DATE - July 27 1993
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

TRAVELLED EAST ON CLAIM TB 1138703. SWUNG SOUTH
 JUST BEFORE BOUNDARY LINE. CROSSED WET ALONG
 SWAMP. S.E. CORNER QUITE A BIT OF QUARTZ WEIRDING
 IN CONGLOMERATES. NO USABLE MINERAL. NO SAMPLES

SCALE 1" = 400m.

CLAIM No. TB-1138702

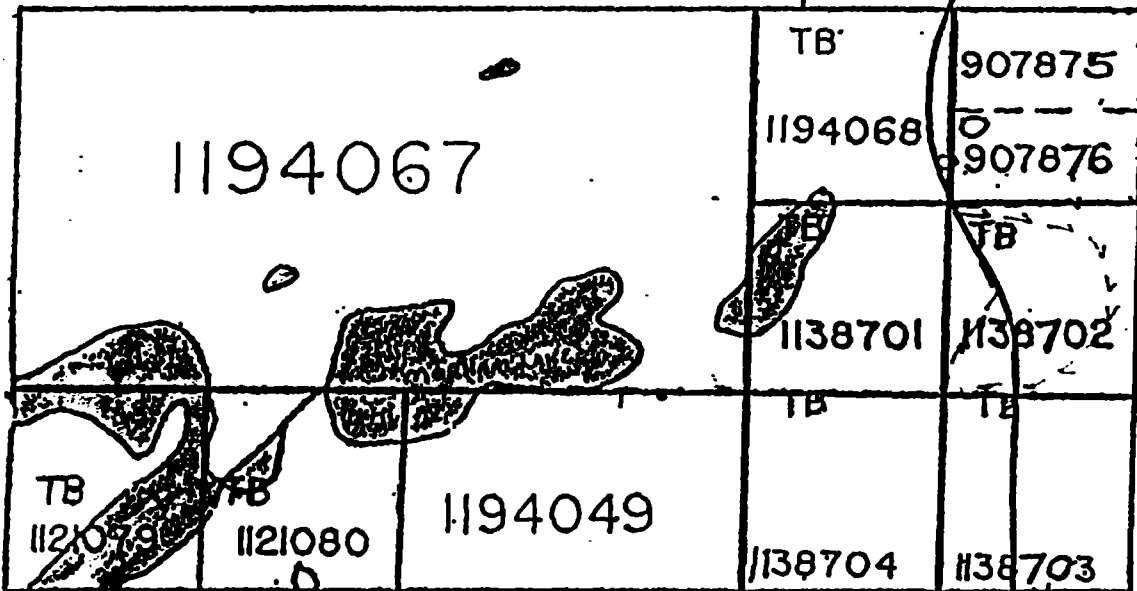
DATE - July 28 1993
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

TRAVERSED EAST ON CLAIM TB 1138702. LITTLE BIT OF EXPOSED
 ROCK AT THE START THEN RIGHT INTO BILL STALPANT
 SWAMP. NO SAMPLES.

SCALE 1" = 400m.

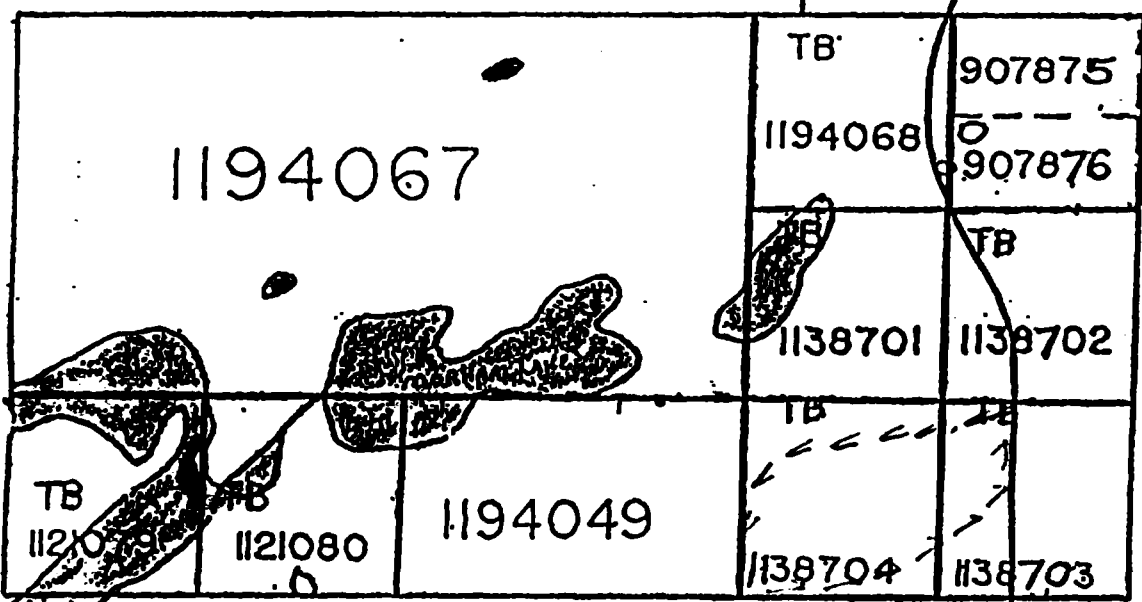
CLAIM No. TB-1138704

DATE - July 29 1973
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION
THUNDER BAY G-170

35 M



NOTES:

TRAVELLED WEST ON CLAIM TB 1138704. TOP PART OF
 CLAIM MOSTLY SANDY JACKPINE COUNTRY. BOTTOM PART
 POLYMIC TIC SLIGHTLY ARKOIC CONGLOMERATE.
 no samples.

SCALE 1" = 400m.

AREA - LEGAULT TWSB-G-170

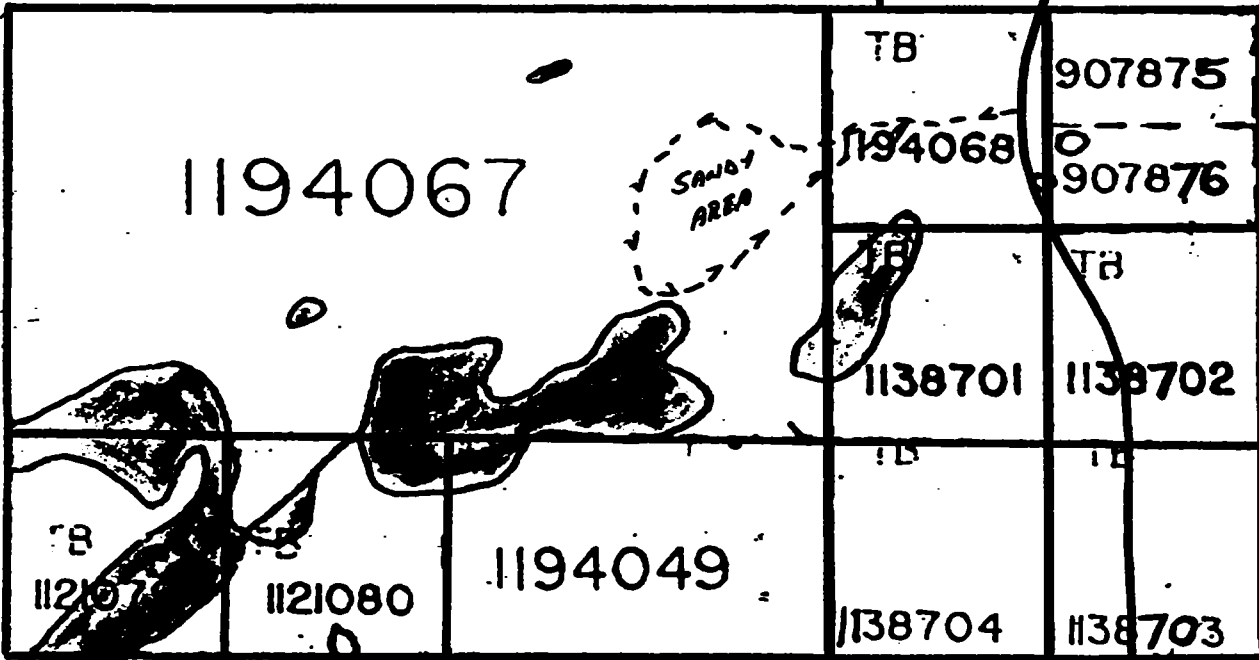
CLAIM No - TB-1194067

DATE - July 30 1993

NAME - MYRON NELSON - 0793-44

N

35 M



NOTES:

TRAVELLED TO CLAIMS BY VEHICLE FROM BEARDMORE THEN WALKED WEST ON CLAIM BLOCK. NO SAMPLES TAKEN. HIGH ESKEPS AND SANDY AREA.

CLAIM No. TB-1194067

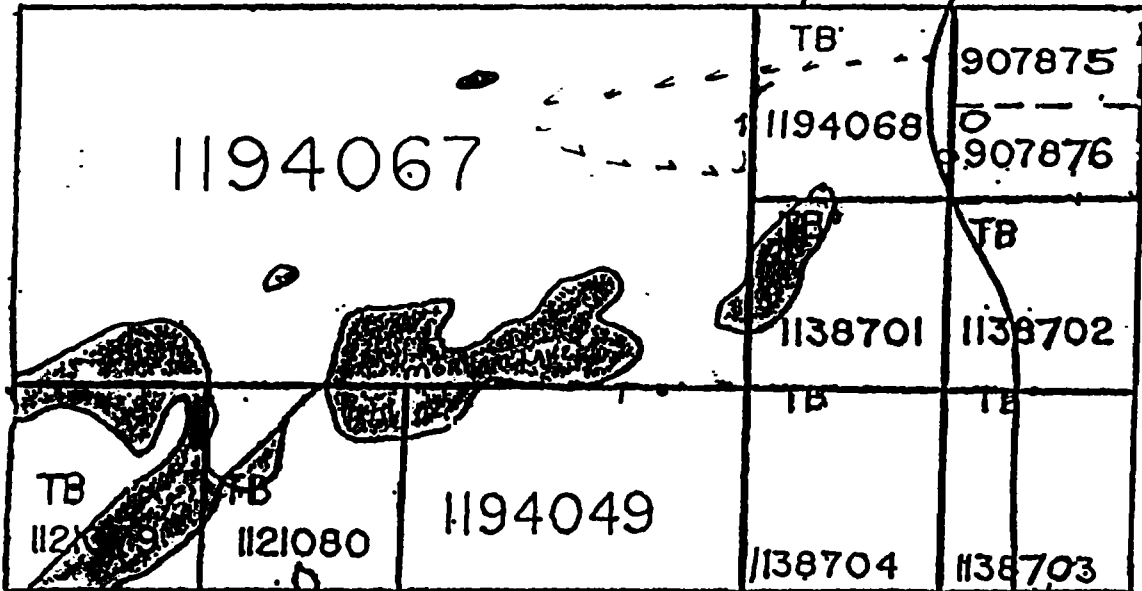
DATE - AUG. 28, 1933
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

TRAVELLED WEST ON CLAIM TB 1194067. MANY SPRUCE

SWAMP. HIT SANDY AREA WITH OLD ROAD ON OLD WAY

BACK OUT. FOLLOWED OLD Rd. BACK OUT PART WAY.

NO SAMPLES.

SCALE 1" = 400 M.

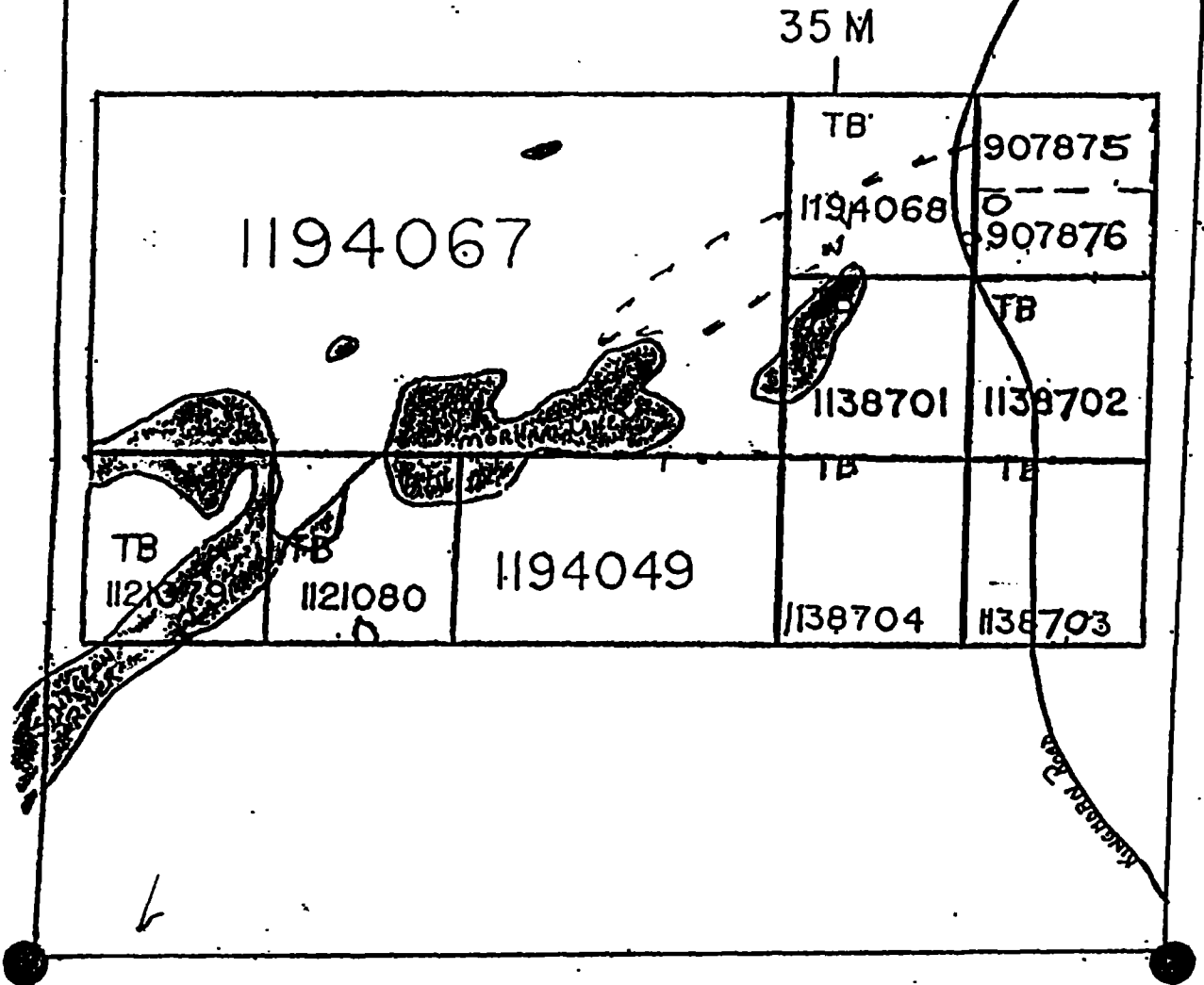
CLAIM No. TB 1194067

DATE - SEPT. 8 193
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170



NOTES:

TRAVELLED WEST UNTIL I HIT OLD ROAD. FOLLOWED IT FOR
 AWHILE. THEN WENT SOUTH WEST UNTIL I HIT THE
 LAKE. GRAVEL PITS ABOUT 50 FT. ABOVE LAKE. ALL
 SAND & GRAVEL NO SAMPLES

SCALE 1" = 400m.

CLAIM No. TB 1194067

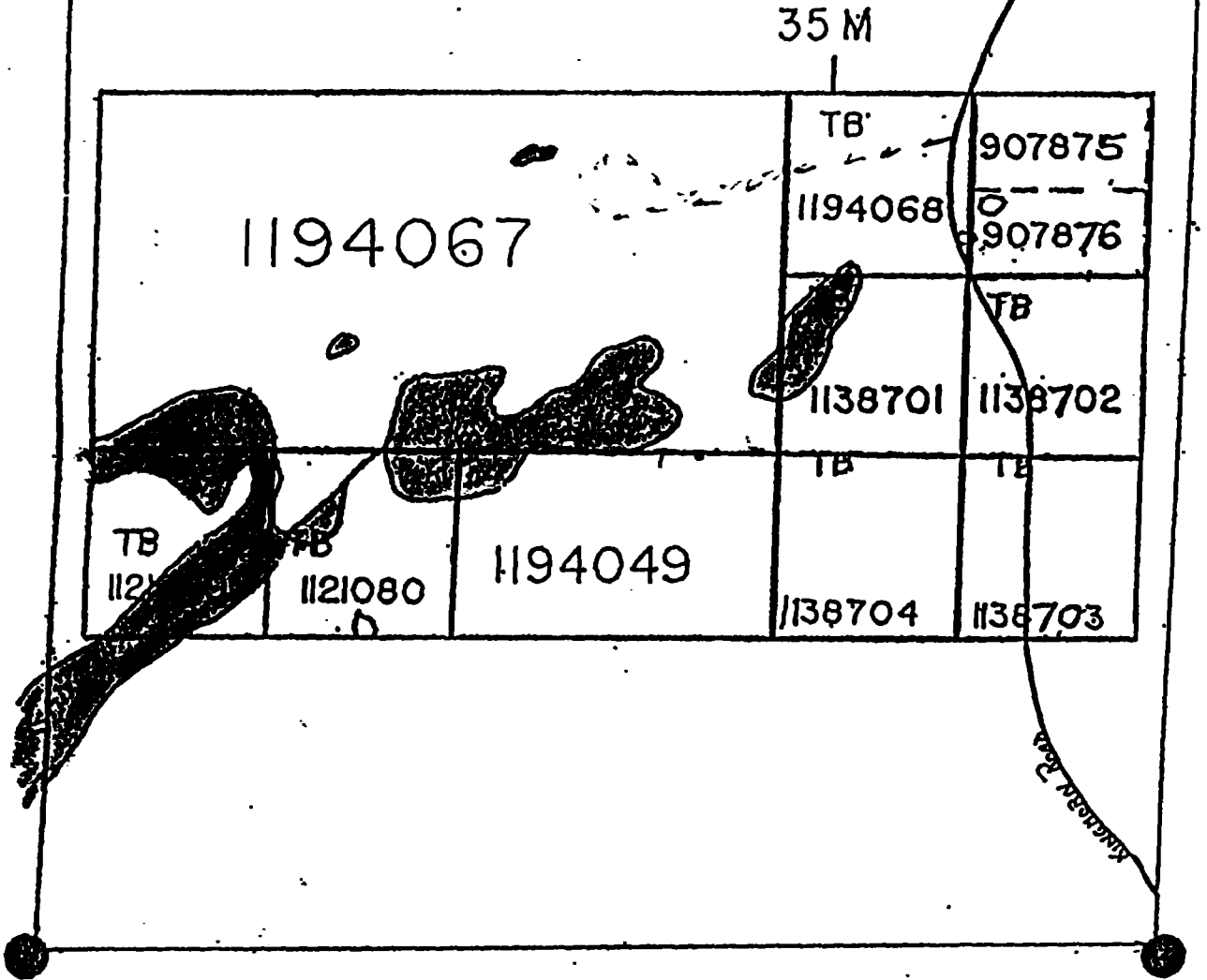
DATE - SEPT. 13 193

OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170



NOTES:

Followed old Rd. across SAND PLAIN and INTO SWAMP. CAME ACROSS OUTCROPPING IN SWAMP. MAFIC IN ORIGIN APPEARS TO BE A GABBRO. NO USIBLE MINERAL. NO SAMPLES.

SCALE 1" = 400m.

CLAIM No. TB 1194067

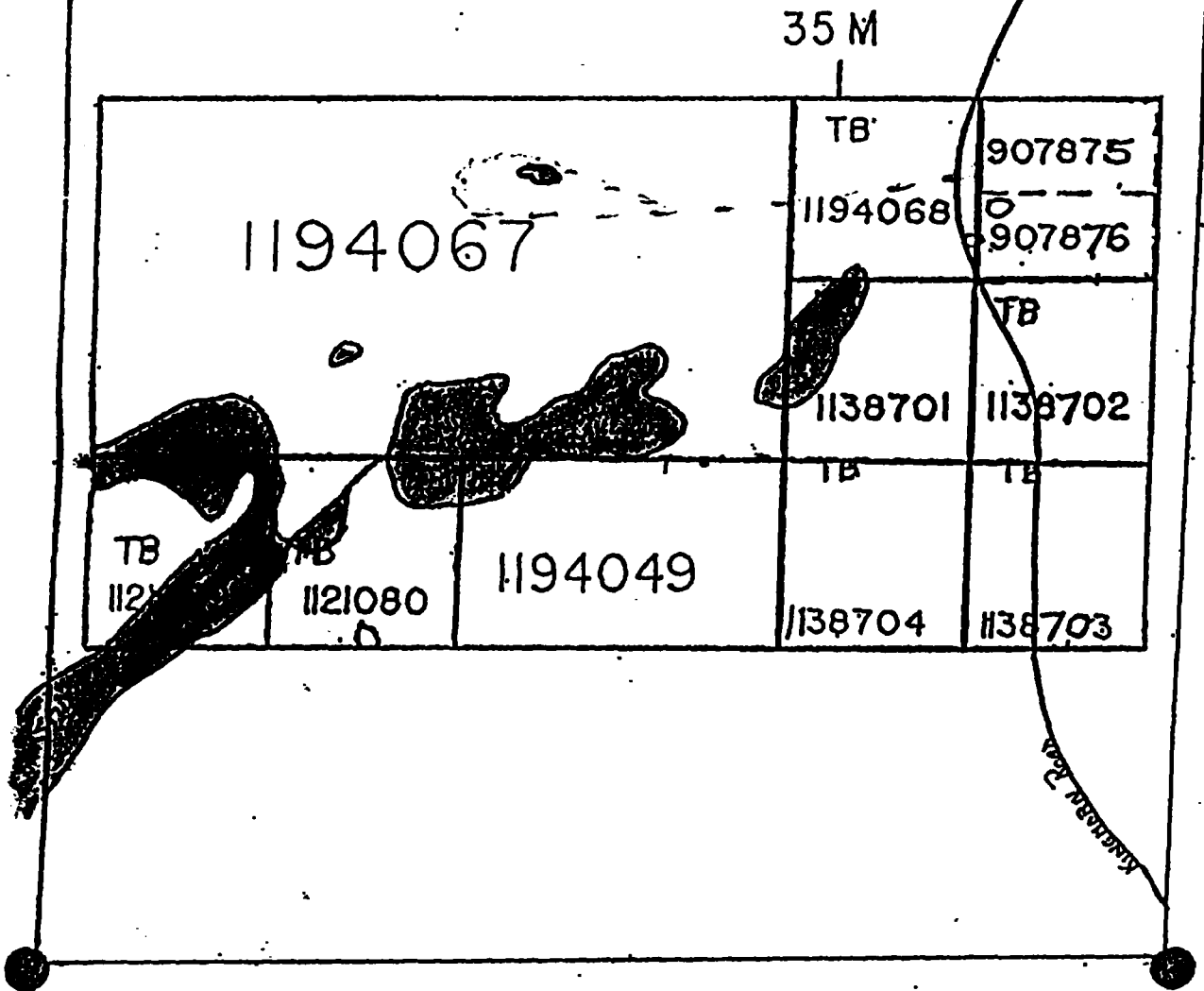
DATE - SEPT. 18 193

OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170



NOTES:

WALKED WEST ON BASE LINE ACROSS SWAMP. CAME ACROSS
 OUTCROPPING TO THE WEST OF LITTLE POND. PICKET LINE
 MARKED 124. MOSTLY PILLOW LAVAS. SOME PILLOWS ARE
 BADLY STRETCHED. NO SAMPLES.

SCALE 1" = 400 M.

CLAIM No. TB 1121080

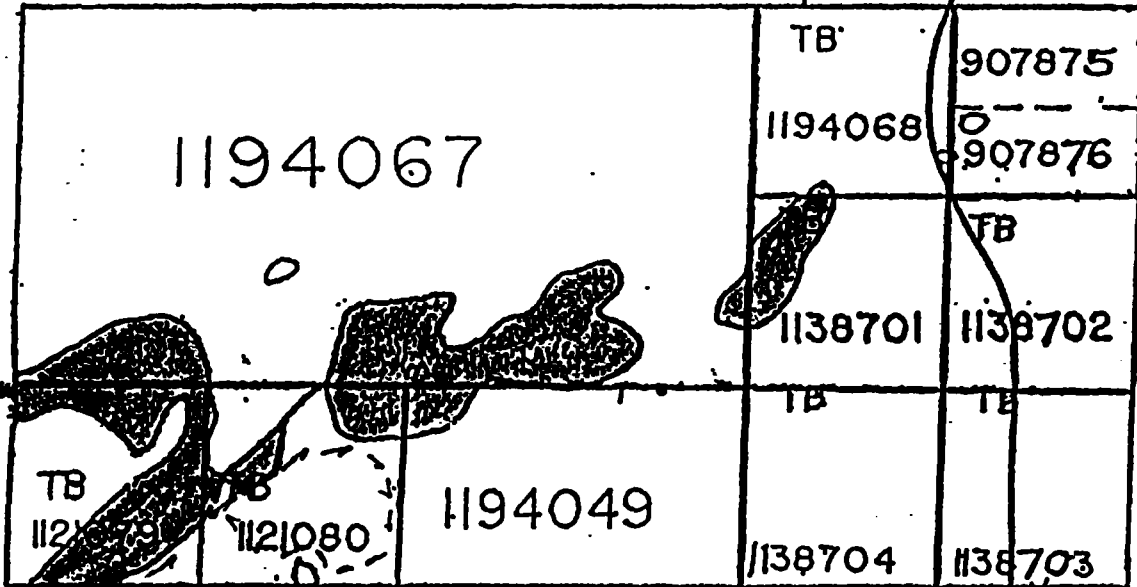
DATE - SEPT 19 193
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

LEFT THE BRIDGE AT THE ROAD BY BOAT. TRAVELLED DOWN RIVER
 FOR ABOUT 1 MILE AND WENT THROUGH CHANNEL FROM RIVER
 INTO ESCOE LAKE. WALKED AROUND CLAIM TB. 1121080.
 NO OUTCROP EXPOSED. ALL TAKE PINK SAND PLAINS.

SCALE 1" = 400 M.

CLAIM No. TB 1194067

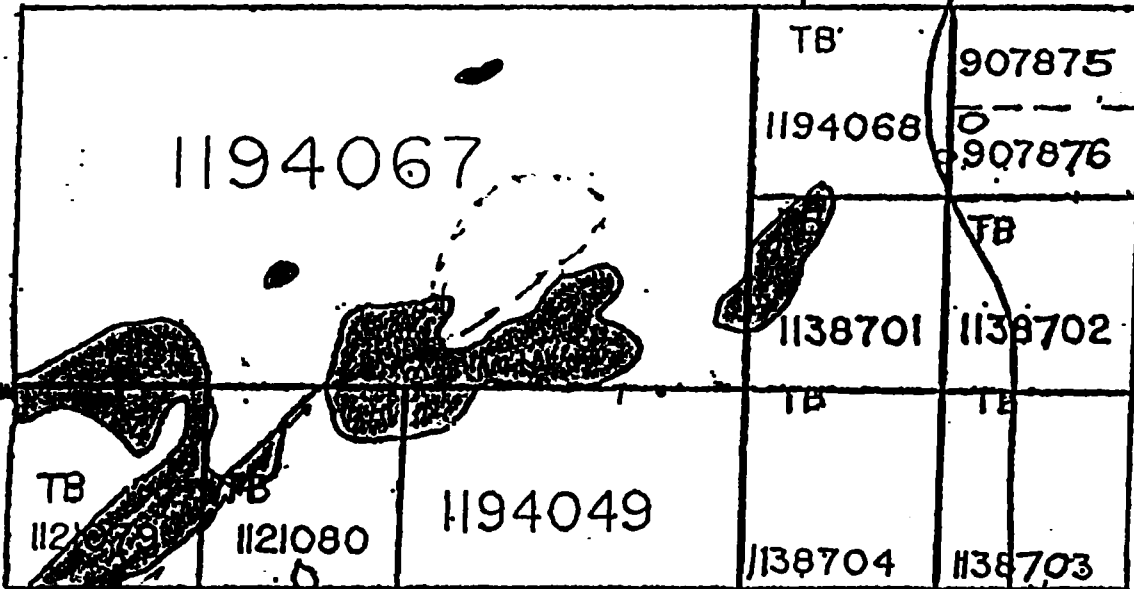
DATE - SEPT 20 193
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

DOWN THE RIVER BY BOAT AND INTO ESKEE LAKE.
 LEFT SHORELINE AND WALKED N.E. ACROSS AN ALDER
 SWAMP. WALKED AROUND A SMALL BEAVER POND AND
 WALKED WEST UNTIL I HIT A WET CEDER SWAMP. NO OUTCROP.

SCALE 1" = 400 M.

CLAIM No. TB 1194067

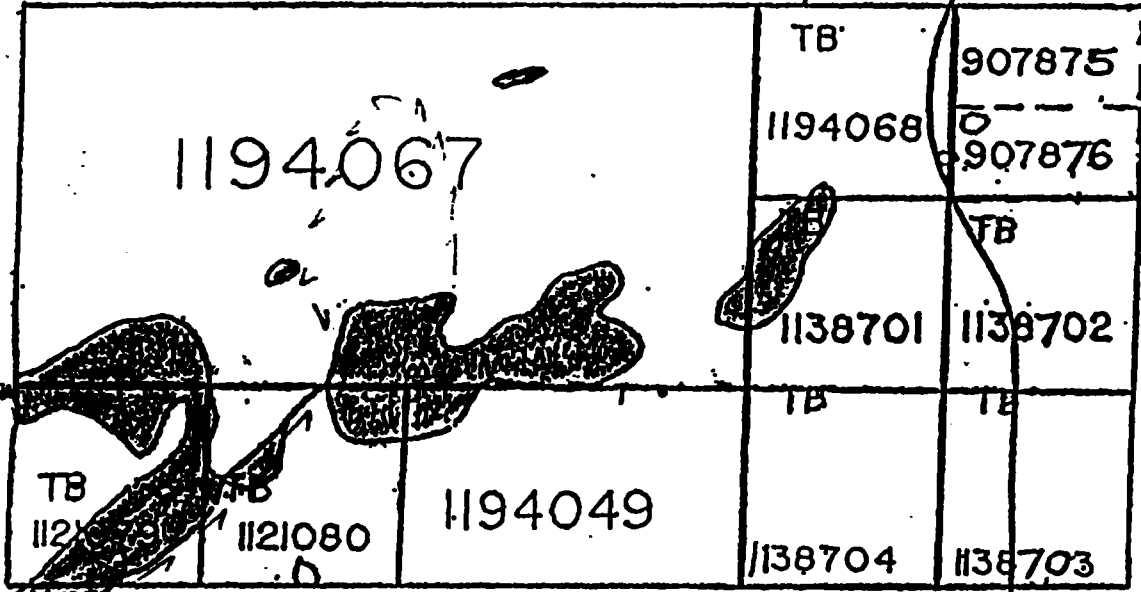
DATE - SEPT. 21 1935
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

Down River by Boat and into Esker Lake. Left shoreline and walked north for approx. 1/4 claim length. Some outcrop exposure. Mostly mafic volcanic material to fine grain. Some quartz veining. Made a big hole and came back by little pond. Mostly sand plains. No samples.

SCALE 1" = 400m.

CLAIM No. TB 1194067

DATE - SEPT. 22/93

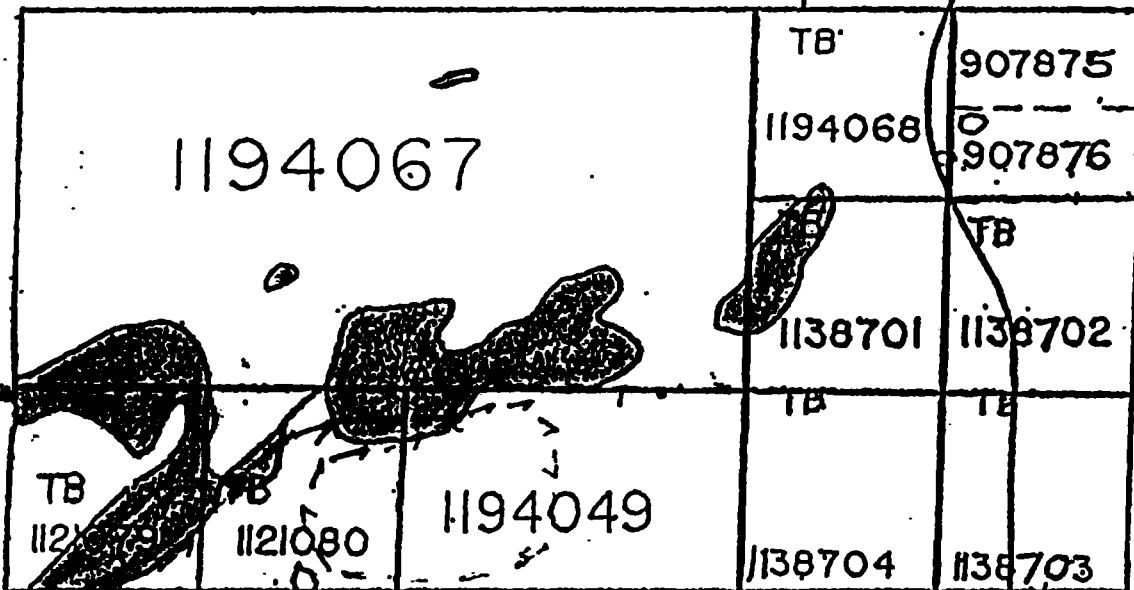
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

Down THE RIVER AND INTO FESHER LAKE. WALKED AROUND
 of claim TB 1194049. Quite a bit of Rock EXPOSURE.
 Pebble CONGLOMERATE WITH SOME QUARTZ VEINING.
 MOSTLY JACKPINE SAND FLATS TOWARDS LAKE.

SCALE 1" = 400m.

CLAIM No. TB 1194067

DATE - SEPT. 25 1923

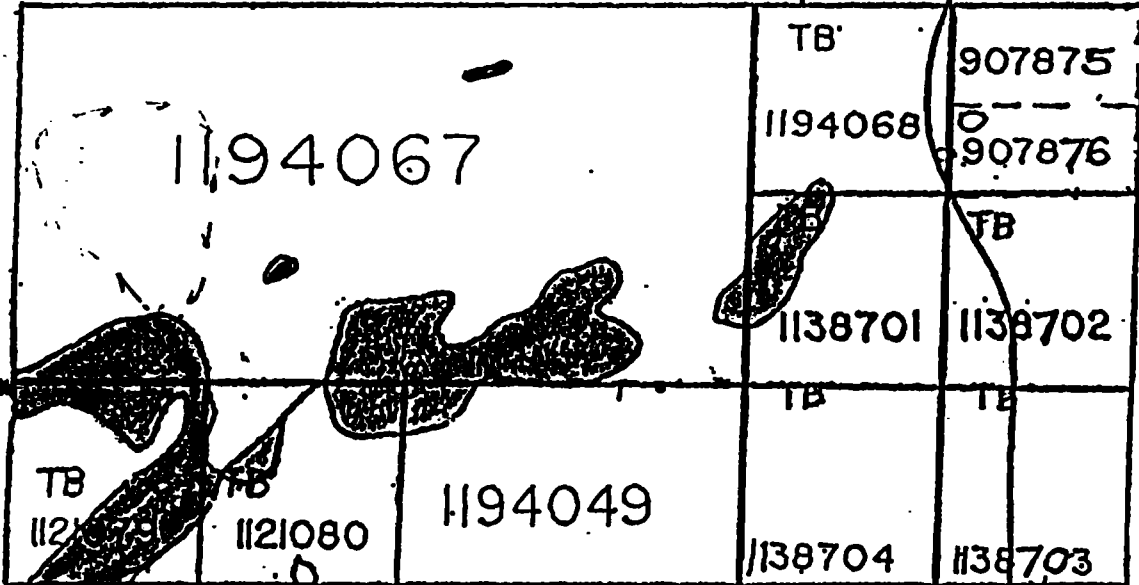
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M



NOTES:

LEFT THE RIVER AND WENT NORTH ON CLAIM TB 1194067
 SOME EXPOSURE OF MAEIG VOLCANICS. HIT CEDAR SWAMP
 AND THUNDER EAST ACROSS SAND FLATS CROSSED SERVICE
 SWAMP, MORE OUTCROPPINGS OF FINE MAEIG VOLCANICS.

SCALE 1" = 400 M.

CLAIM No. TB 1194049

DATE - SEPT 31 1923

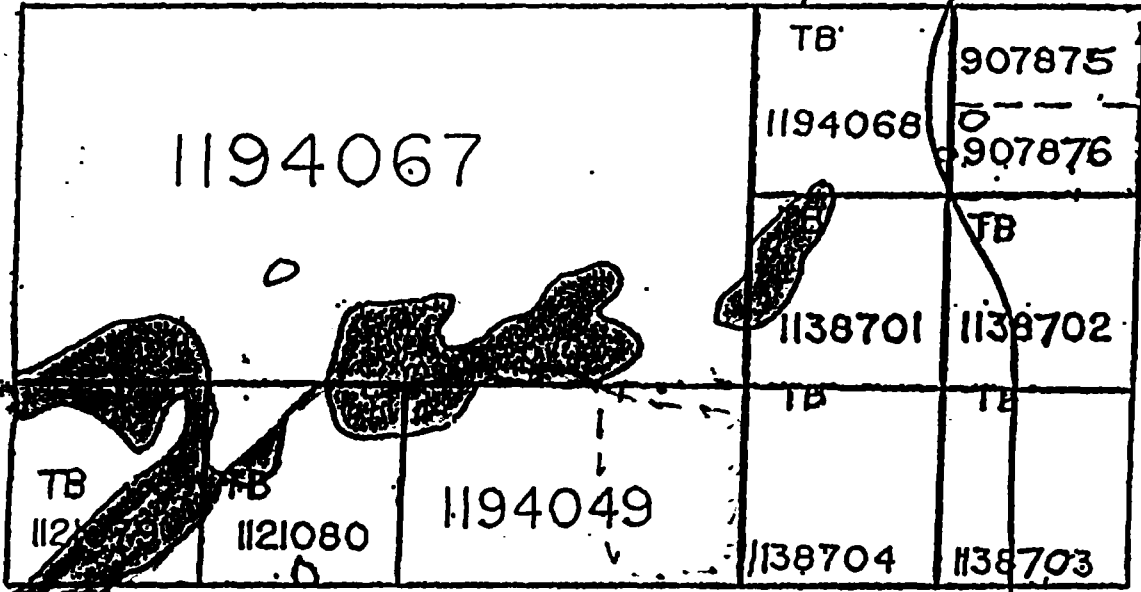
OP-93-44

LEGAULT TOWNSHIP

MINING DIVISION

THUNDER BAY G-170

35 M

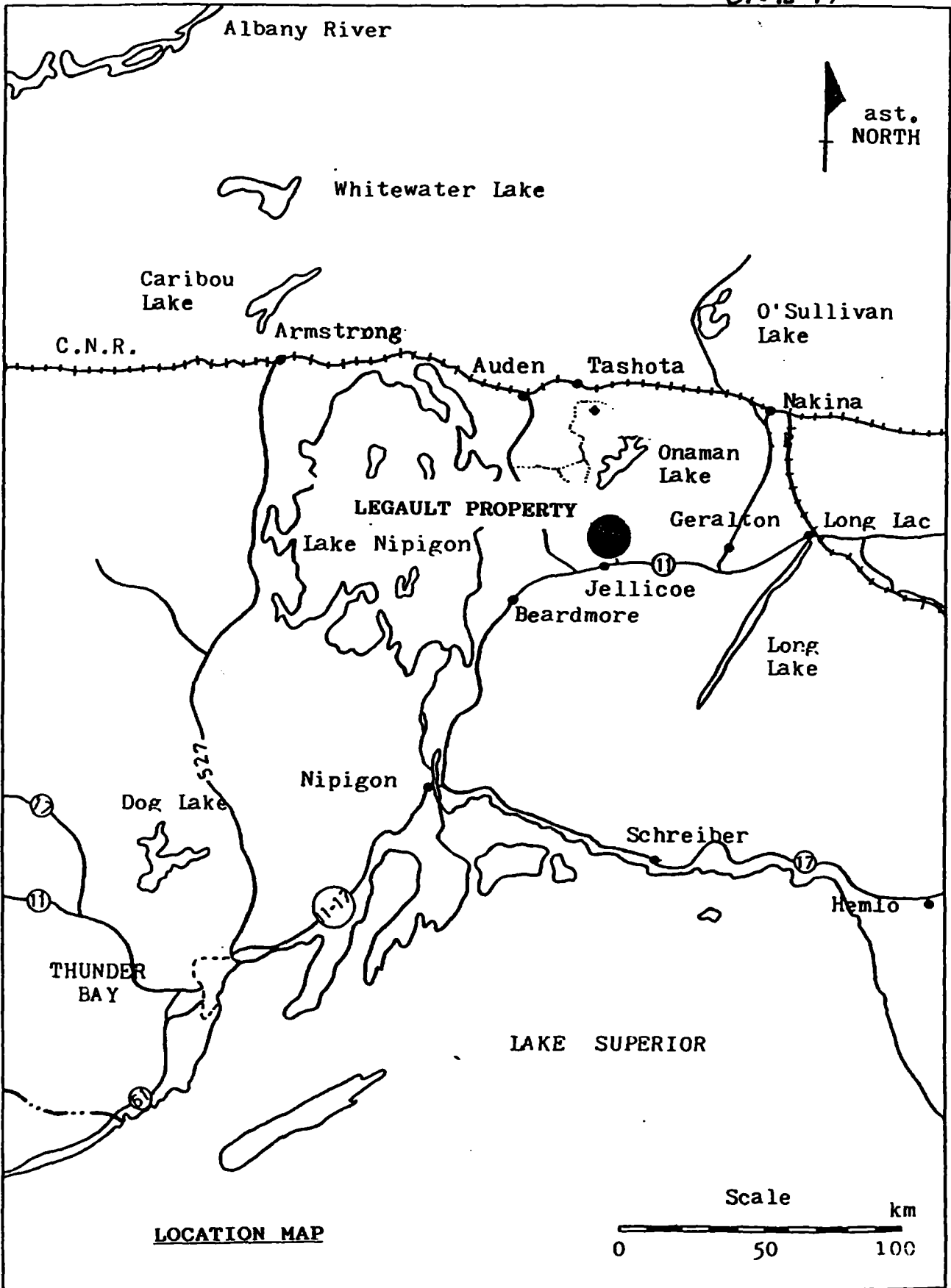


NOTES:

LEFT SHORE LINE OF ESKER LAKE AND WALKED SOUTH
 TO BOUNDARY LINE. MOSTLY JACKPINE SAND FLATS.
 TURNED EAST AND CROSSED BEAR SWAMP AND RAN
 INTO JACKPINE FLATS. SOME EXPOSED CONGLOMERATES.

SCALE 1" = 400m.

OP-93-44



Drawn by M. Fekete

FIGURE 1

DATE - AUG 1 193

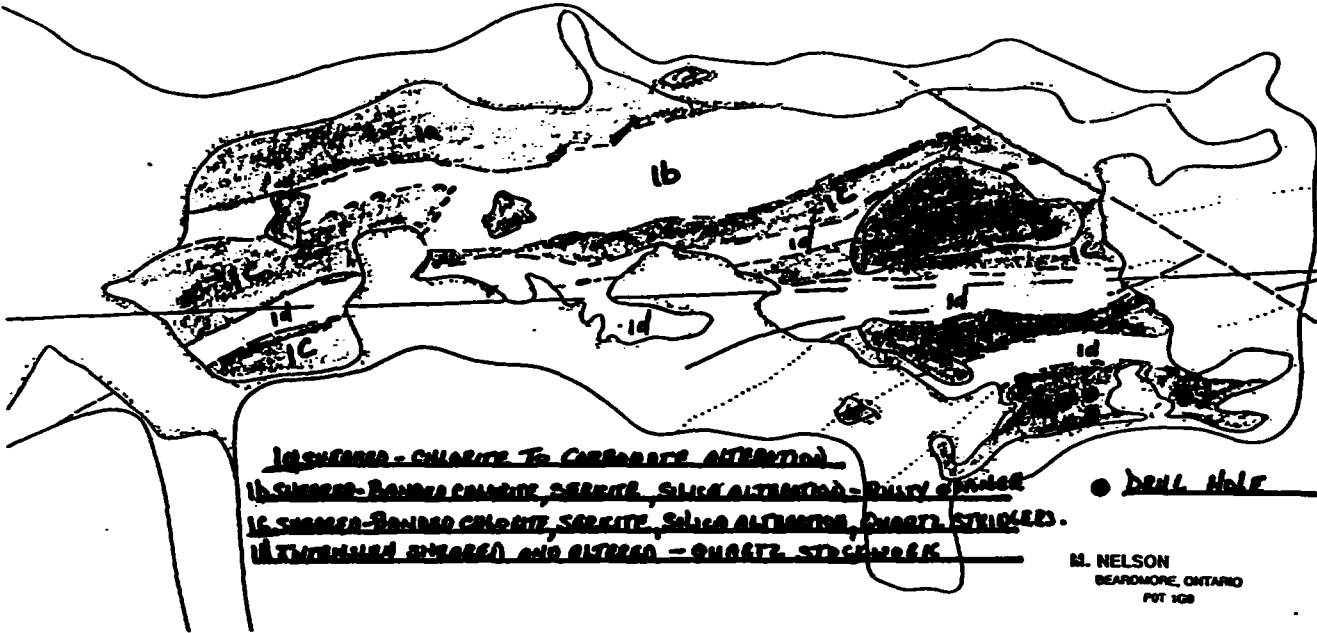
CLAIM No. - TB-1194068

OP-93-44

Twp - LEGAULT

4

1



1a. UNALTERED - CHLORITE TO CARBONATE ALTERATION
 1b. SILICEOUS-BANDED CHLORITE, SERICITE, SILICA ALTERATION - RILTY SPONGE
 1c. SILICEOUS-BANDED CHLORITE, SERICITE, SILICA ALTERATION, QUARTZ STRIOLAS.
 1d. UNALTERED (SILICEOUS) AND ALTERED - QUARTZ STOCKWORK

● DRILL HOLE

M. NELSON
BEARMOORE, ONTARIO
POT 108

CLAIM No. TB 1194068

3

2

ARRIVED AT THE PROPERTY ABOUT 8:30 AM. STARTED DRILLING
 WITH GAS PLUSSER. READY TO START DRILLING THE FOURTH
 HOLE AND THE DRILL WOULD NOT START. DROVE TO BEARMOORE
 FOR REPAIRS.

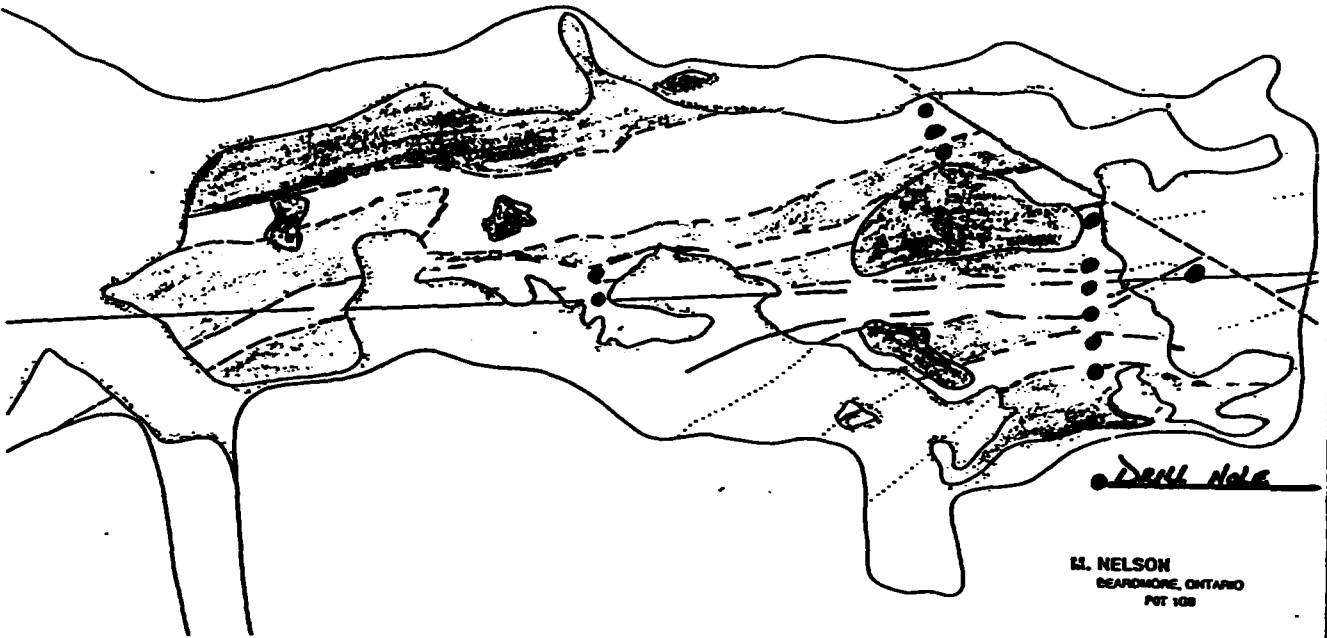
NOT TO SCALE

DATE - AUGUST 2/93
07-93-44

CLAIM No. - TB-1194068
TWP - LECAULT

4

1



M. NELSON
SEARNORE, ONTARIO
PVT 108

CLAIM No TB 1194068

3

2

ARRIVED AT PROPERTY AROUND 9 AM. FINISHED DRILLING
ACROSS THE ZONE AND 2 HOLES FURTHER WEST.
CUT PLUGS FOR ALL THE HOLES. WILL BLAST TOMORROW.

NOT TO SCALE

MISSING LINK EXT. No. 1 TRENCH

Started digging around 8³⁰ AM Wed morning. Overburden very deep. Backhoe had to ramp down to get to bedrock. About 1 PM the backhoe started to turn up some quartz shoring in the trench. Managed to get 3 samples before water came in. Trench is probably over 20 ft. deep here, appearing as very silicious with albite, quartzite & quartz. Fine pyrite and chalcopyrite. Will dig more to south to try and pick it up again.

A total of 14 assays were taken from the start of the backhoe program. The new showings will have to be drilled and blasted. Frank Houghton was hired for Oct. 24 & Oct. 25 to install of the new showings with a pressure pump.

OP 93-44

19 OCTOBER
OCTOBRE

MISSING LINK EXT. No. 1 TRENCH

Started digging around 8³⁰ AM Wed.
morning. Overburden very deep. Backhoe
had to ramp down to get to bedrock.
About 1 PM the backhoe started to
turn up some quartz shearing in the
trench. I managed to get 3 samples
before water came in. Trench is probably
over 20 ft. deep here, appearing as
very silicious with chert, quartz +
quartz. Fine pyrite and chalcopyrite.
Will dig more to south to try and
pick it up again.

WORKING WITH BACKHOE

OP 93-44

19 OCTOBER
OCTOBRE

MACHINE WORK EXT. TRENCH #1

Started digging south to try and hit the Shear but the rock came up and no shear visible, mostly mafic volcanic. Moved backhoe around to north side of trench and started digging. Uncovered another shear about 6 ft. wide. Shear very silicified with fine pyrite and chloropyrite. Finished the day on this trench and dug one little pit east of pp. 1 trench. Will call this #2. Bedrock down about 10 to 12 ft. Mafic volcanic.

WORKING WITH BACKHOE

0293-44

OCTOBER 20
OCTOBRE

MISSING LINK EXT. No. 3 TRENCH

Moved backhoe out towards the main id. started digging to the south of main zone, dug down about 3 ft. and hit bedrock.

Started turning up some suit.

Uncovered a chlorite-sericite shear with quartz veining and some carbonate zones. Uncovered this shearing for about 130 ft. then overburden got pretty deep and we encountered water. These ranges from 3 ft. to 10 ft. in width.

Minor amounts of pyrite, arsenic, and chalcopryite. Will assay for gold + chalcopryite.

WORKING WITH BACKHOE

OP93-44

2. October

23 OCTOBER
OCTOBRE

MISSOURI LINK EXTENSION TRENCH

Trench #4 is located about 75 ft.
south of #3. This trench was dug
to a depth of about 10 ft. and is
about 40 ft. long. Two separate
shear zones were encountered. The first
shear was albite, quartz, actinolite with
sparse mineralization. The second shear
was very intense and was about 1 ft. wide.
This shear was very rich with albite, epidote,
and blue to black quartz. There is pyrite.
Took 2 samples for rock assay. Moved
backhoe to east side of Highhorn rd.
and started to dig. On the way out
got a plan to clear of a little area with
some quartz veins. Will call this #5.
Took 2 samples. Dug east of Highhorn rd.
until quitting time. Trench #6

WORKING WITH BACKHOE

07-93-44

24 OCTOBER
OCTOBRE

MISSING LINK EXT. TRENCH-6-7-8

Trench #6 is about 200ft. long and
ranges in depth from 3ft. to 13ft.,
after about 100ft of digging a 4ft.
slayer was uncovered. Fine pyrite,
chlorite, sericite with quartz stringers.

1 sample taken. After another 70ft.
of digging another slayer was
uncovered. This appeared to be very
intensely altered with quartz, pyrite,
sericite and some carbonate. 1 sample
taken. Will have to drill & blast.

~~The~~ Finished this trench and walked
500ft. south down the Kinghorn Rd.
to dig on an anomaly. Dug down
in gravel till we hit water. Just
before we hit water an angular piece
of float was dug up. This piece weighed
about 200 lbs and had sericite,
pyrite and quartz stringers all through
it. This was very interesting as she got
right on top of a large anomaly. Sample
taken. We moved about 100ft. South
to dig but could only dig down about
10ft. when water started to come in.
This pit was abandoned. #8 trench.

A total of 14 assays were taken from
the start of the backhoe program.

The new showings will have to be
drilled and blasted. Frank Houghton
was hired for Oct. 24 & Oct. 25 to work
of the new showings with a pressure pump.

27 OCTOBER
OCTOBRE

MISSING LINK EXT.

Arrived at property around 8:20 AM.
Drilled 6 holes on the #3 trench
and 1 hole on the #5 trench
to get some samples. Blasted about
4 PM. My wife and I bagged 10
samples then returned to Beardmore.

Drill & Blast

OP-93-44

31 OCTOBER
OCTOBRE

MISSIONS LINK EXT.

Left Beardmore with P. Lassila
to go to property to map in new
trenches. Spent the day tying in
the trenches to picket lines while
Pentti mapped all the trenches.

MAPPING TRENCHES

0993-44

31 OCTOBER
OCTOBRE

MISSING LINK EXT.

Left Beardmore with P. Louisa
to go to property to map in new
trenches. Spent the day trying to
get trenches to picket lines outside
Dent's mapped all the trenches.

MAPPING TRENCHES

0293-44



*1 TRENCH: CAVE-IN AND WATER PROBLEMS.



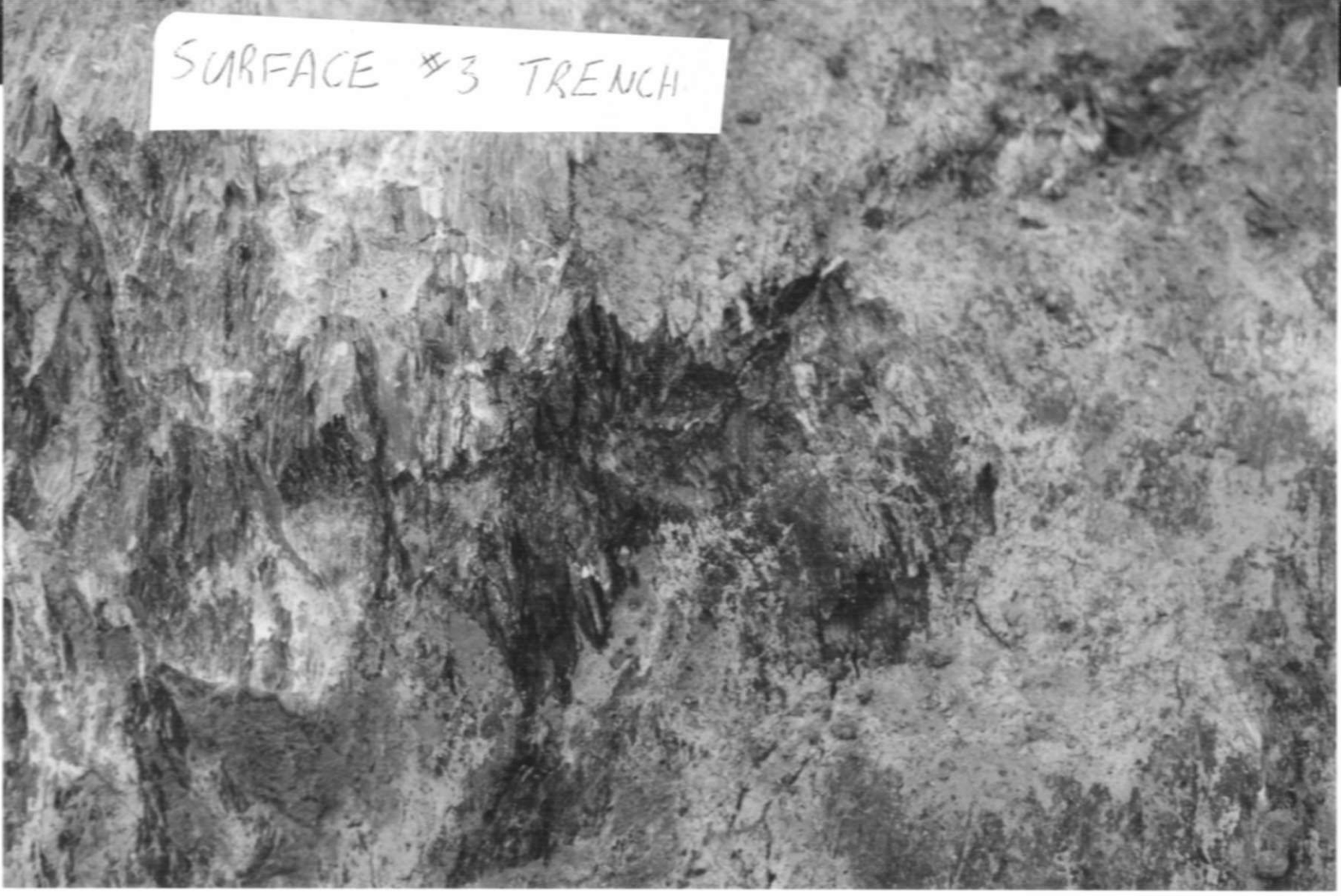
#1 TRENCH



#1 TRENCH



SURFACE #3 TRENCH



#3 TRENCH

#3 TRENCH





BLASTING #3 TRENCH



#3 TRENCH



BLASTING
#3 TRENCH



#3 TRENCH



#3 Trench-Intense Shear



#3 TRENCH
BLASTING



#3 TRENCH (BLASTING)





SHEARING
#4 TRENCH
BLUE TO BLACK

SHEARING #4 TRENCH: BLUE AND
BLACK QUARTZ AT TOP



#4 TRENCH



#4 TRENCH



#4 TRENCH



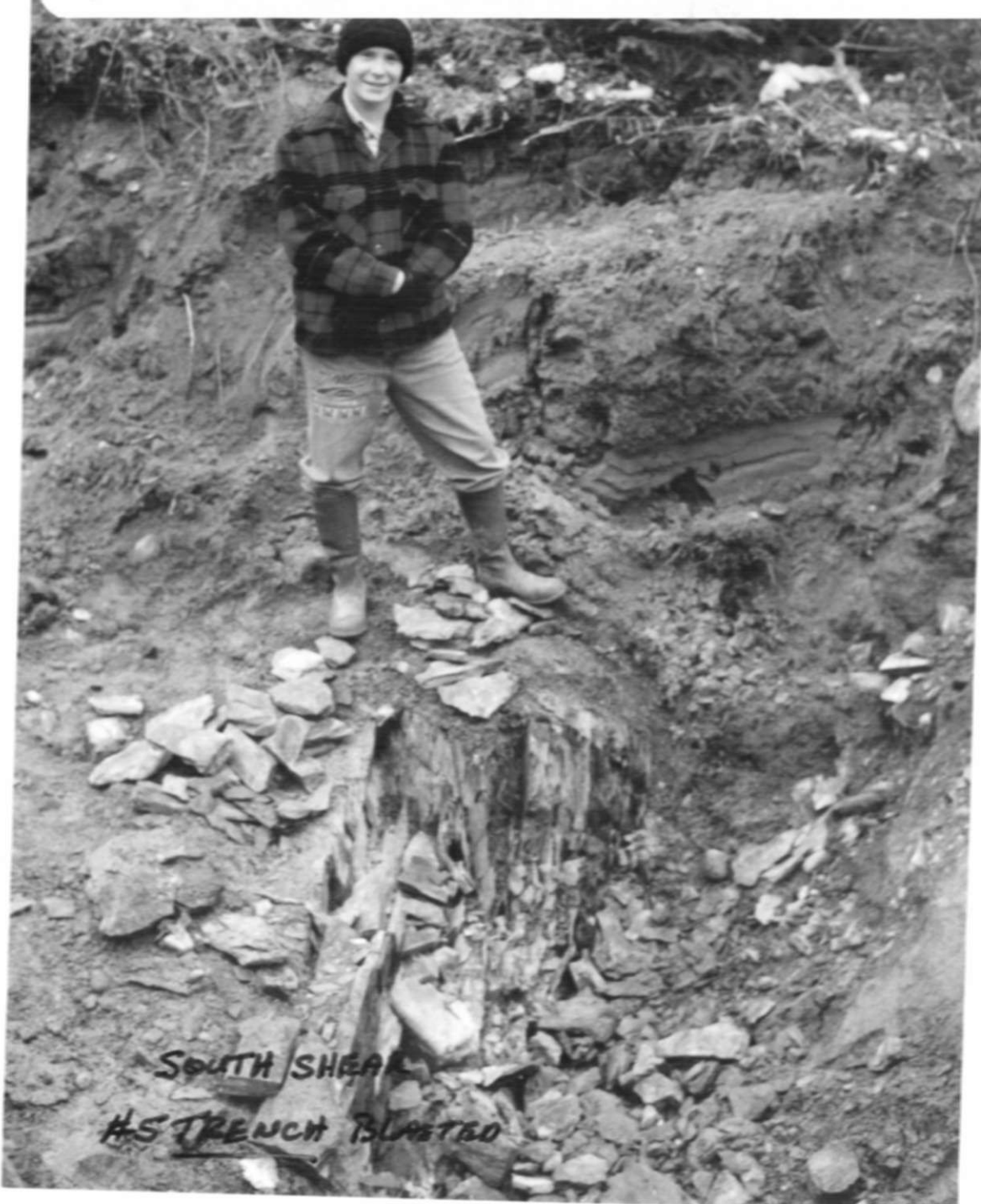
South Shear, #5 Trench
BLASTING



NORTH SHEAR

NORTH SHEAR #5 TRENCH

SOUTH SHEAR
#5 TRENCH BLASTED



SOUTH SHEAR
#5 TRENCH BLASTED

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	⊕

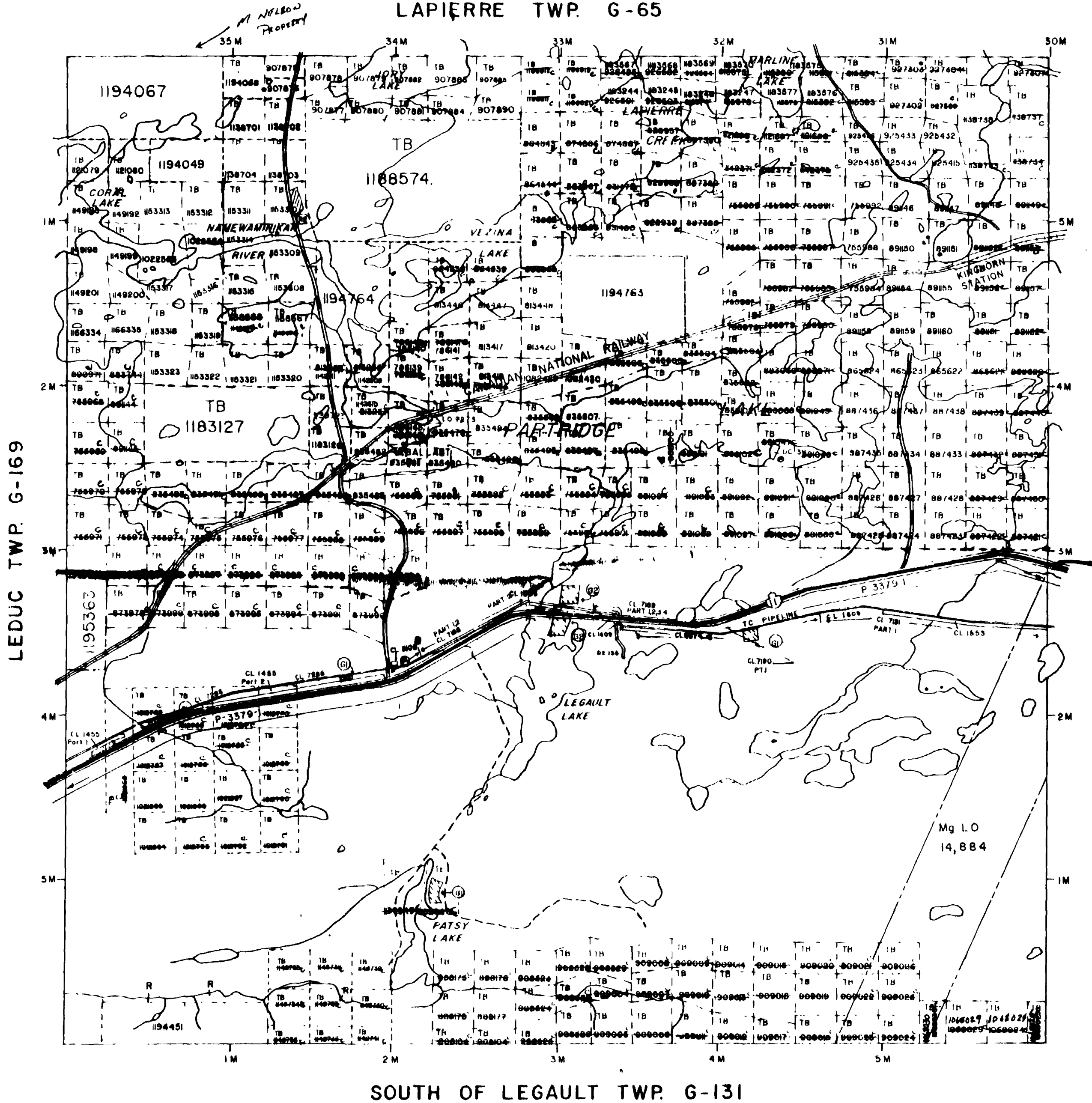
NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 390, SEC. 63, SUBSEC. 1

- ⊕ GRAVEL RESERVE
- ⊖ M.T.C. GRAVEL PIT NO. 2C-16
- ⊖ M.T.C. GRAVEL PIT NO. 2C-17
- ⊖ ORDER W 81/87 NCR SRO WITHDRAWN SEE LEGAULT TWP LANDROLL
- ⊖ PENDING APPL. JULY 81

THE SURFACE RIGHTS LYING WITHIN 40.25 m. OF THE CENTER LINE OF THE TRANS CANADA PIPELINE RIGHT OF WAY ARE WITHDRAWN FROM STAKING OUT, PROSPECTING, SALE OR LEASE BY ORDER W 011/91 ONT DATED SEPT 20, 1991 SECTION 112 OF THE NATIONAL ENERGY ACT APPLIES TO THIS AREA

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

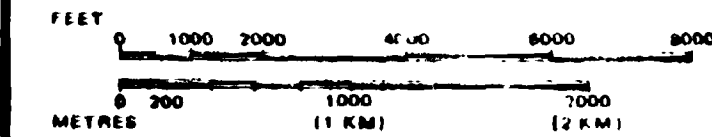
LAPIÈRE TWP. G-65



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 COMPOSITION PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	
LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS	

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

LEGAULT

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON & GERALDTON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

Ministry of Natural Resources
Land Management Branch

Date FEBRUARY, 1981

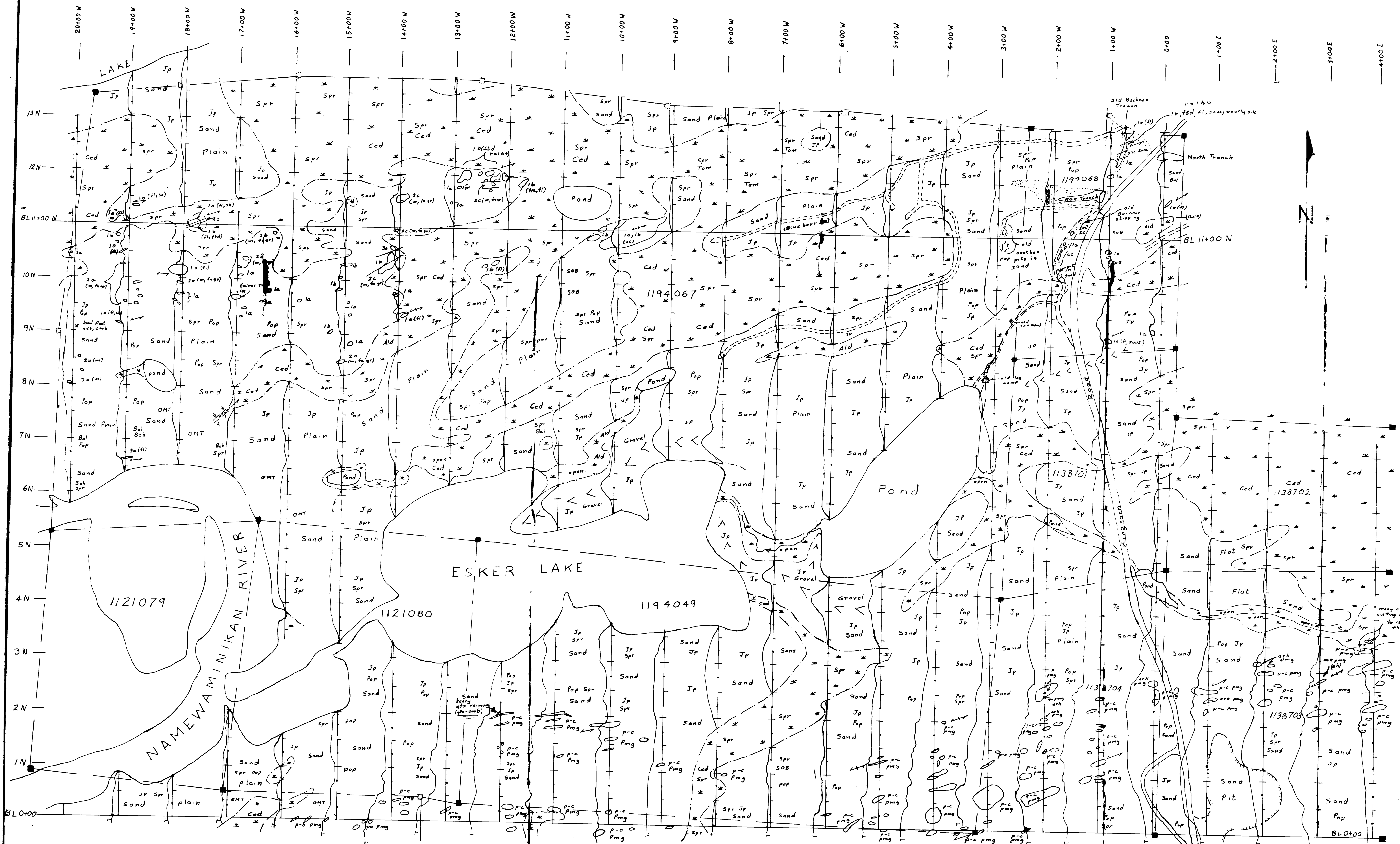
DATE SEPTEMBER, 1989

Number

G-170



42F146W0470P03-044 WALTERS



SYMBOLS

- Claim Post
- Claim Post (Foreign Claims)
- Line Post
- ==== Old grown in bush road
- (*) Swamp
- Outcrop
- ⊖ Backhoe Trench
- ⊖ Bulldozer Cleared Area
- Topographic Profile
- Foliation Direction
- ↕ Foliation Vertical
- * Mineralized Location

TIMBER COVER

- OMT Overmature Timber
- Jp Jackpine
- Spr Spruce
- Pop Poplar
- Bch Birch
- Ald Alder
- Bal Balsam
- Ced Cedar

GEOLOGICAL LEGEND

- 1 Sediments:
 - pmg; polyimatic metaconglomerate
 - p-c; pebble-cobble size clasts
 - c; pebble size clasts
 - ark; arkosic
- 3 Intermediate Volcanic:
 - a; dacite
- 2 Mafic to Intermediate Volcanics:
 - a) volcanic flows
 - b) pillow lavas
- 1 Mafic Intrusives (possibly massive flow centers):
 - a) gabbro
 - b) amphibolitic metagabbro
 - c) diorite or feldspathic gabbro

DESCRIPTIVE TERMS

- (sh) sheared
- (fl) foliated
- (fd) flattened
- (m) massive
- (fn gr) fine grain
- (saus) saussuritized
- (ser) sericitic
- (carb) carbonatized
- (qtz) quartz
- (silc) silicified
- (qv) quartz vein

Horz. Scale: 1 cm = 25 m
 0 50 100 m

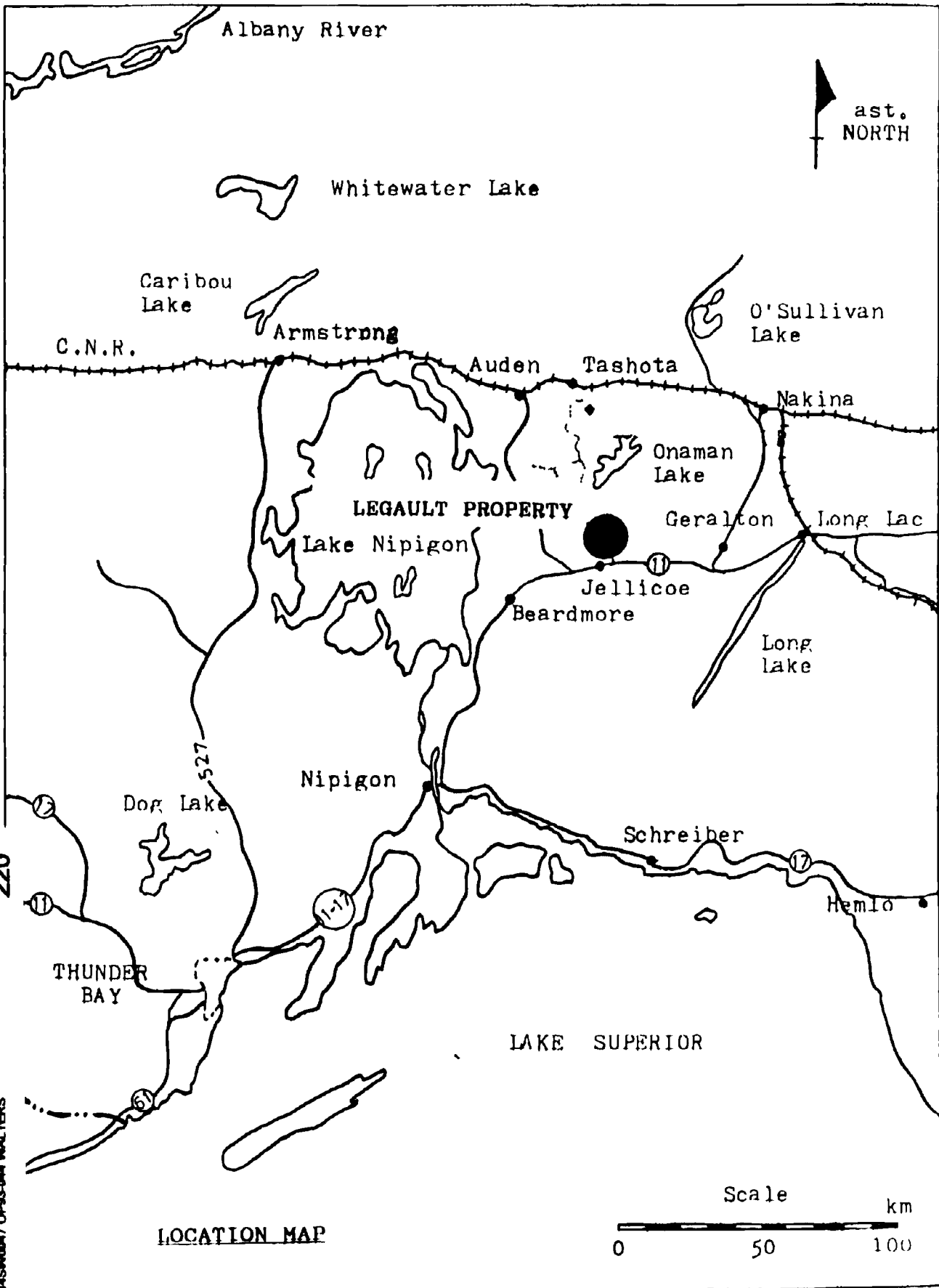
Vert. Scale: 1 cm = 10 m
 (Topography)
 0 10 20

GEOLOGY AND TOPOGRAPHY
 M. NELSON PROPERTY
 Legault Twp.

By: P. Lassila
 Date: Sept. 30, 1993

P. Lassila

MAP 1



Drawn by M. Fekete

FIGURE 1

42E145W0047 OP93-044 WALTERS

4+00W

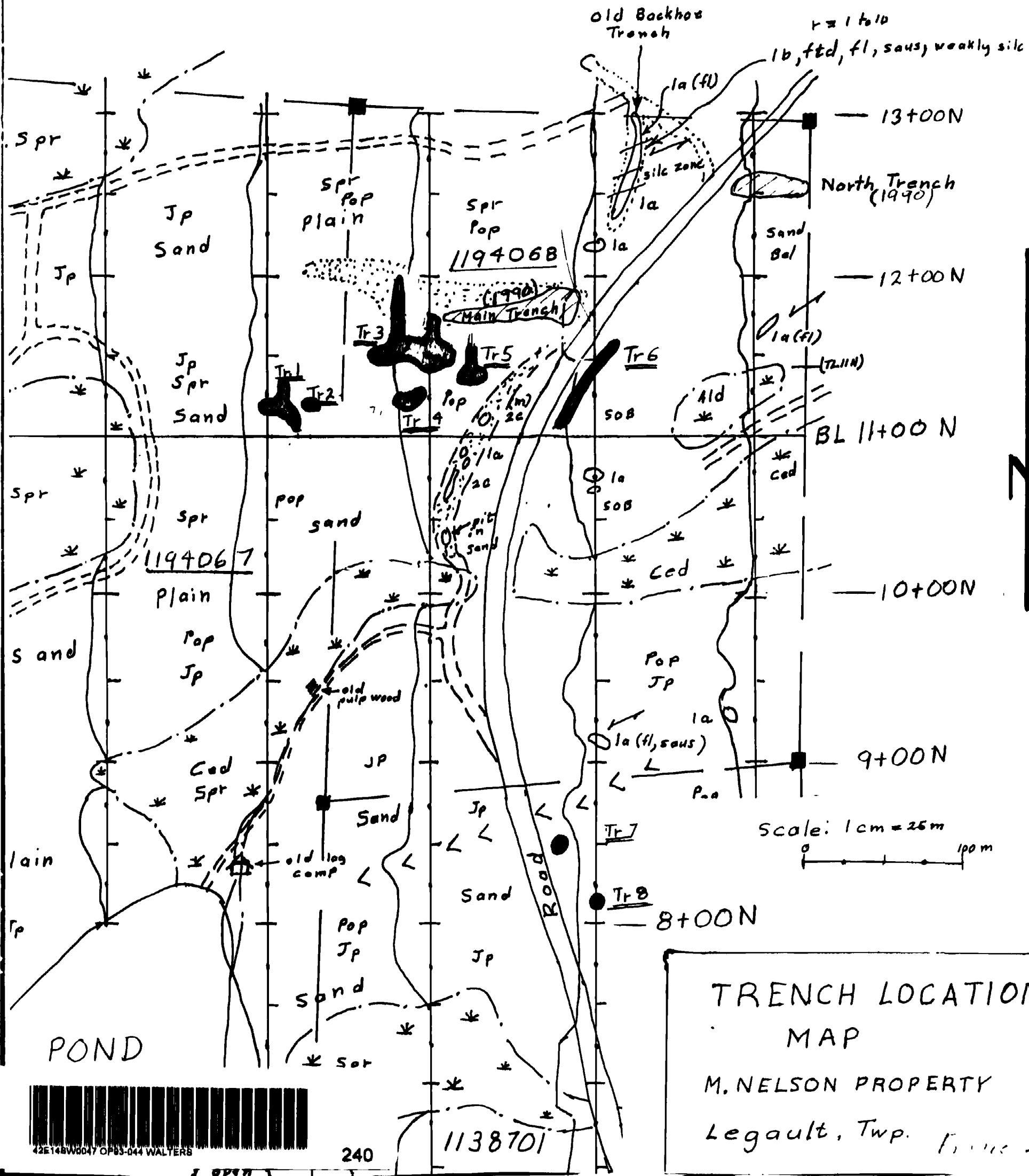
3+00W

2+00W

1+00W

0+00

1+00E



TRENCH LOCATION
MAP
M. NELSON PROPERTY
Legault, Twp. 11+00N



240

1138701

3+00N PL

Samples
16840
16841
16842

TB 1174067



Samples
16843
16844
16845

Grid Coordinates

7m dp

mafic pillow lava

mafic shear (chlor)

3+00W
11+25N

2m shear, silicified zone
1-23 fm. dis. cpy
mafic pillow lava

8m dp

TRENCH #2
3m x 4m x 5m



mafic volc

mafic volc

C1m 1194067

intermed volc
chlor-ser shear
with blue-gray
qtz stringers & 3cm thk
1 to 23 very fm dis.
py + cpy (qtz flooded)

mafic volc
(pillows)

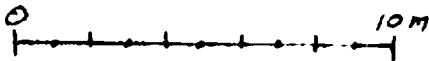
6m dp

P Lassila

TRENCH #1

w d l
4m x 477m x 27m

Scale: 1cm = 2m



11+00N
3+00



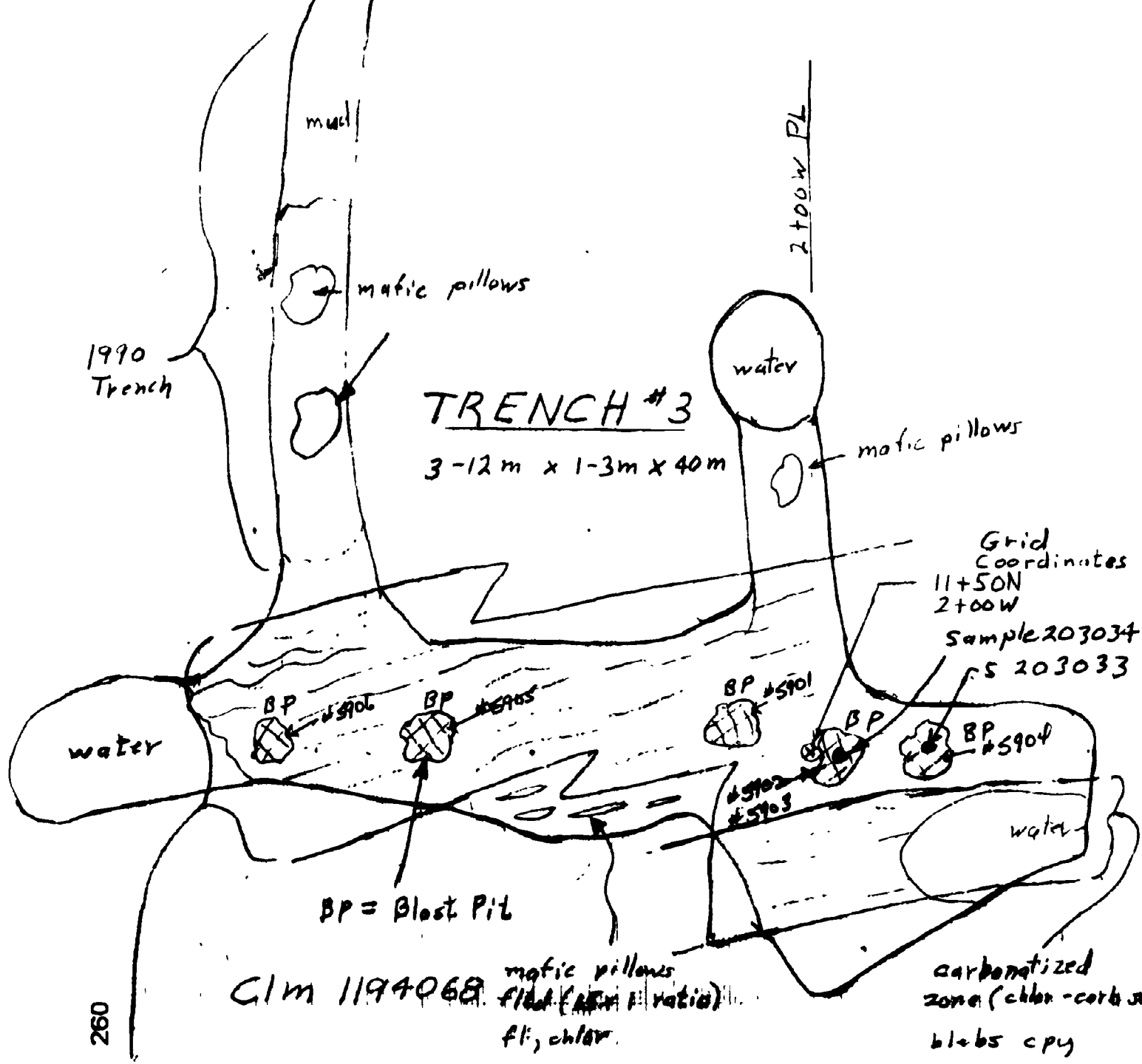
FIELD SKETCH #1

TRENCHES #1 & 2

M. Nelson Property
Legault Twp.

By: P Lassila

Date: Oct. 31, 1993



260

Intense shear zone, wavy foliation, qtz stringers & veinlets, modest silica flooding, locally up to 1.5 ft. py, rare arsenic py, shot to chlor-carb. alb., qtz up to 3 cm thick, trace native Cu.

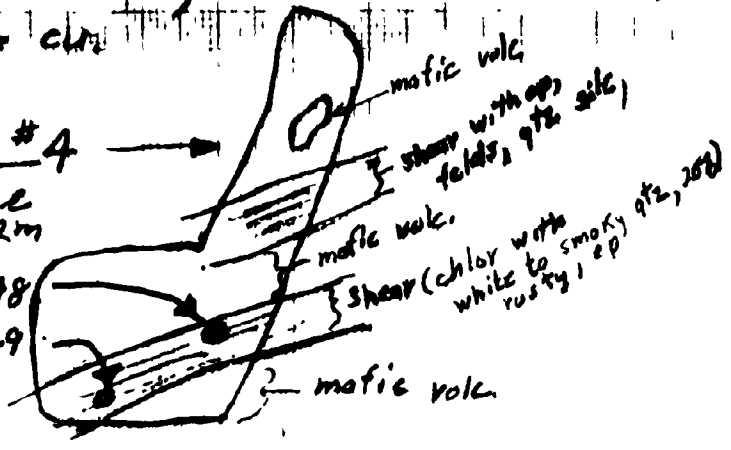
P Lassila

TRENCH #4

w x d x l
-6m x 1-3m x 12m

Sample 16848

Sample 16849



FIELD SKETCH #2

TRENCHES #3 & 4

M Nelson Property

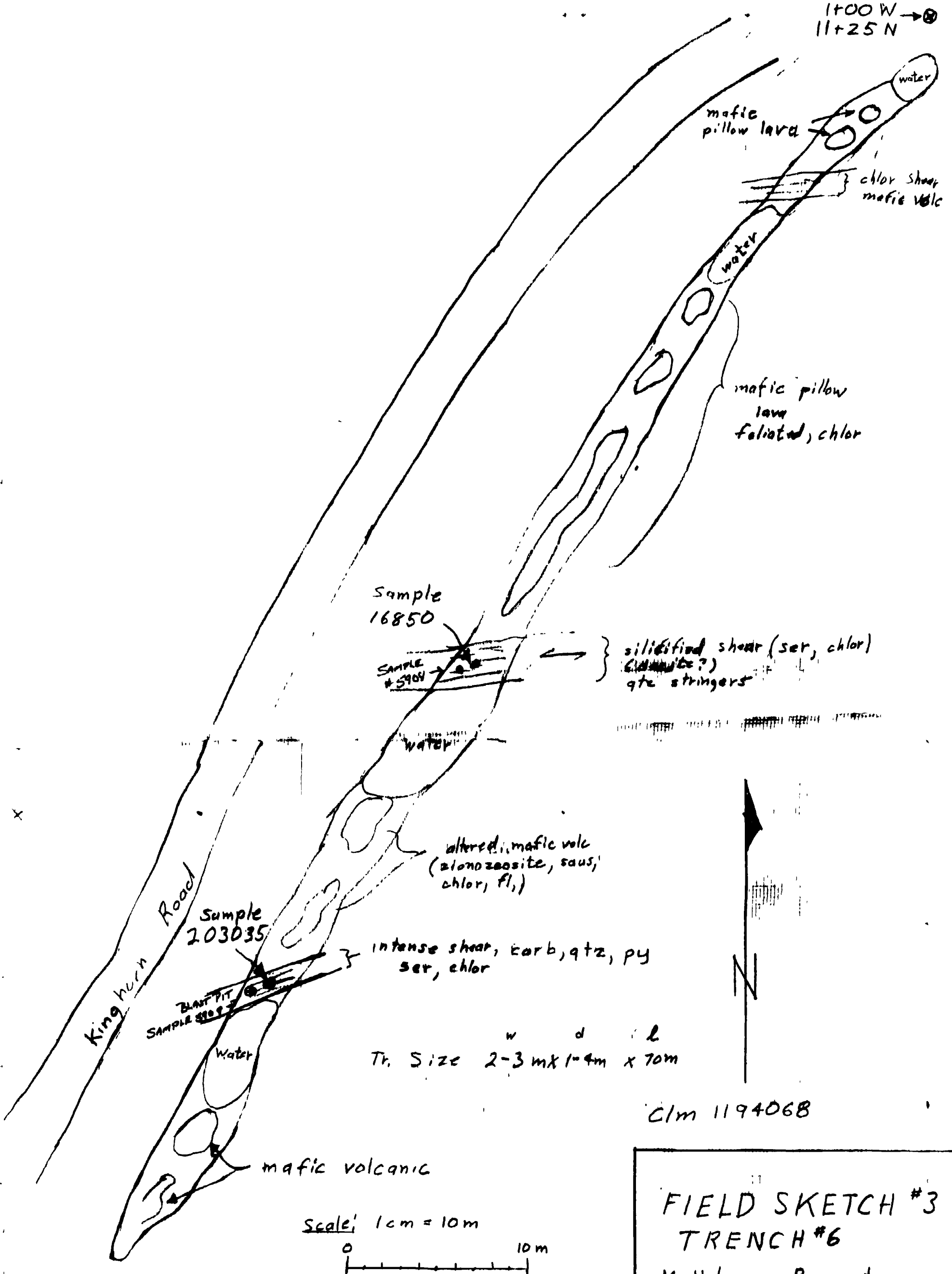
Legault Twp.

By: P Lassila

Date: Oct. 31, 1993

42E 145W0047 DP93-04A WALTERS

1+00 W → ⊗
11+25 N



C/m 1194068

FIELD SKETCH #3
 TRENCH #6
 M. Nelson Property
 Legault Twp.
 By: P. Lassila
 Date: Oct. 31

⊗ 1+50 W
 11+00 N
 ↑ grid coordinates

Scale: 1 cm = 10 m
 0 10 m

P Lassila



TRENCH #5
 w d l
 10 m x 1-2 m x 15 m

1990 Tr.

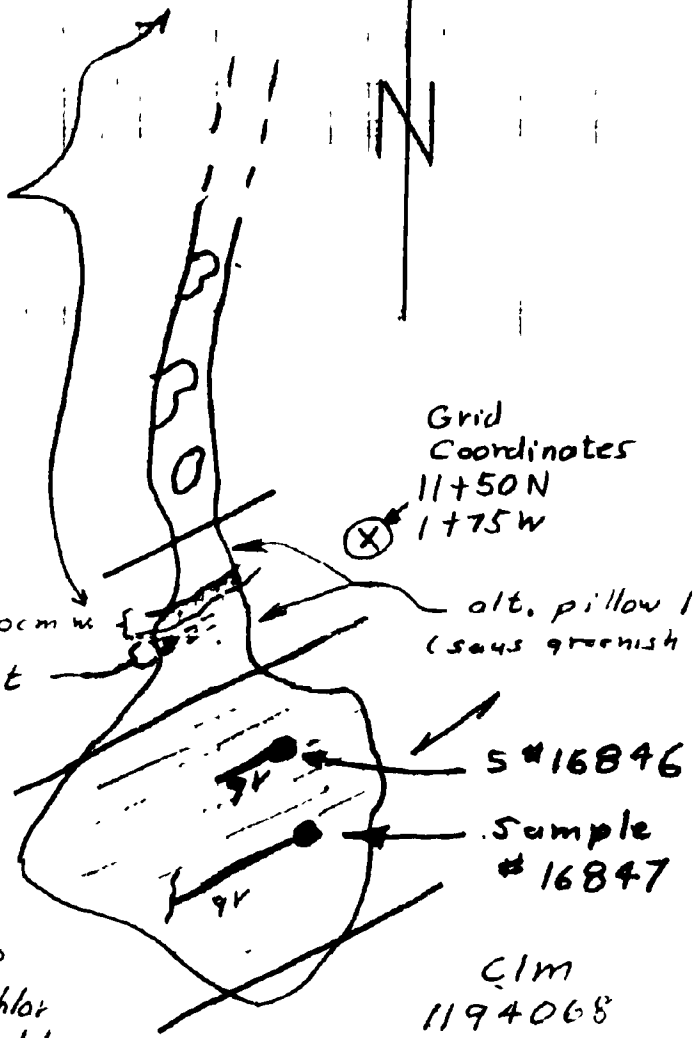


Grid Coordinates
 11+50N
 1+75W

black mafic dike, 20cm w
 carb alt

alt. pillow lavas
 (sans greenish flows)

Shear zone; alt. mafic flows;
 mod. to intense foliation
 variably silc. (very weak to
 mod. silc. flaking) with chlor
 -ser and few qtz veinlets
 to 5cm thk.



CIM
 1194068

Scale: 1 cm = 2 m



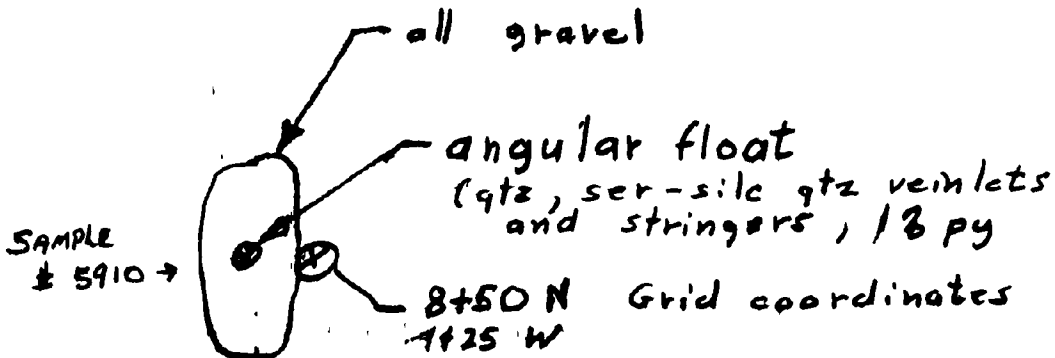
P Lassila



4ZE145W0047 CP99-044 WALTERS

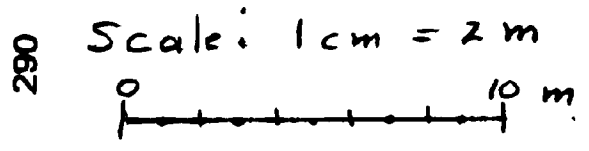
FIELD SKETCH #
 TRENCH #5
 M. Nelson Property
 Legault Twp.
 By: P. Lassila
 Date: Oct. 31, 1993

Kinghorn Kōōōō



TRENCH # 7
3 m x 4 m x 5 m

← gravel →



P. Lassila

FIELD SKETCH # 5
TRENCHES 7 + 8
M Nelson Property
Lequilt Twp.
By: P. Lassila
Date: Oct. 31, 1993

TRENCH 8
3 m x 3 m x 4 m
all gravel

