



52A15SE0003 2.15534 GLEN

010

REPORT ON THE
DORION LEAD AND ZINC PROPERTY
IN
DORION AND GLEN TOWNSHIP
LATITUDE 48° 58' - LONGITUDE 88° 40'
N.T.S. 52A/15SE
EAST OF THUNDER BAY, ONTARIO
AND NORTH OF DORION, ONTARIO

GEOLOGY, PROSPECTING AND SAMPLING
MAIN MINERALS - ZINC AND LEAD
FIELD SEASON 1993
ONTARIO PROSPECTORS ASSISTANCE PROGRAM
FILE NUMBER OP93-062

2.155 34

by: DAVE PETRUNKA
#207 - 540 Oliver Road
P7B 5T8
TEL: (807) 344-8233

SEPTEMBER 1993





52A15SE0003 2.15534 GLEN

010C

2

TABLE OF CONTENTS

- Summary 3

- Introduction 4

- Location and Access 5

- Figure 1: Location Map 6

- Figure 2: Access Map 7

- Topography and Vegetation 8

- Property Status and Claims 9

- Previous Work 10

- Current Exploration Work 11

- Table 1: Geological legend 12

- Structure 13

- Mineralized Zone 14

- Recommendations 15

- Program Certificate 16

APPENDICES

 Appendix 1: Sample No., Location and Description 17

 Appendix 2: Assay Results 20

 Appendix 3: Plates 1 to 22 21

 Appendix 4: Allowances and Costs 22

SUMARY

The Dorion Property is situated 94 kilometres east and northeast of the City of Thunder Bay, 80 kilometres east on Highway # 11-17 and 14 kilometres north of the Village of Dorion by way of gravel access roads. Early Precambrian granitic rocks are present in the north part of the property, and late Precambrian Sibley group of rocks are present in the south part, and comprised a bedded sedimentary group of rocks: dolomite, limestone, sandstone and conglomerate.

The claim group includes six (6) mining claims making up 19 sixteen hectare claim units.

Lead and zinc minerals are associated with the non-conformity between the early Precambrian granite rocks and the late Precambrian Sibley group of rocks characterized by a hard brittle, dolomite, limestone, chert mudstone breccia. Lead and zinc minerals are also associated with the granite at the contact, where the granite is fragmented and brecciated. Lead and zinc are also seen over a width of more than two (2) metres in this fractured fragmented granite at the Dorion Mine Shaft suggesting fault controlled mineralization.

Previous exploration works on the claims were carried out in the later part of the nineteenth century and sporadically to 1982, when Noranda Mining Company drilled some shallow diamond drill holes within the Sibley group of rocks into the granite basement in an attempt to find mineral associated with the contact at the basement between the granite rocks and the Sibley group.

No success was gained and the work was terminated. However, one (1) hole was drilled through the upper fault which appears to control the mineralization. The hole drilled through the fault zone returned fair to good mineral at the contact of dolomite breccia and granite. The structure hosting lead and zinc minerals may be in part or in whole, fault related. This is a very long structure hosting good lead - zinc minerals. Samples assayed show economic grade.

INTRODUCTION

The report on the Dorion project, east of Thunder Bay, presents the results and findings of the work performed. The program carried out consisted of geological mapping, prospecting, sampling and evaluation of mineral deposition in and at the contact of the granite rocks and Sibley sediments. The purpose of the program was to investigate the potential of establishing an economic mineral deposit. The contact zone was explored for more than 2.25 kilometres suggesting that this contact structure has open possibilities for length. The width of the dolomite, limestone, chert, mudstone rocks contact unit is 10 to more than 25 metres. White at the surface exposures, economic grade minerals are at the granite contact in this rock unit and with the fragmented brecciated granite contact. This is a unique finding because it suggests fault deposition not generally acknowledged in history.

Fluids mobilized along the fault and the rocks are different in the fault than south and north of the fault. Brecciation in the fault, along and into the granite and the dolomite, limestone, chert are a very good place for mineral deposition from mineralizing fluid.

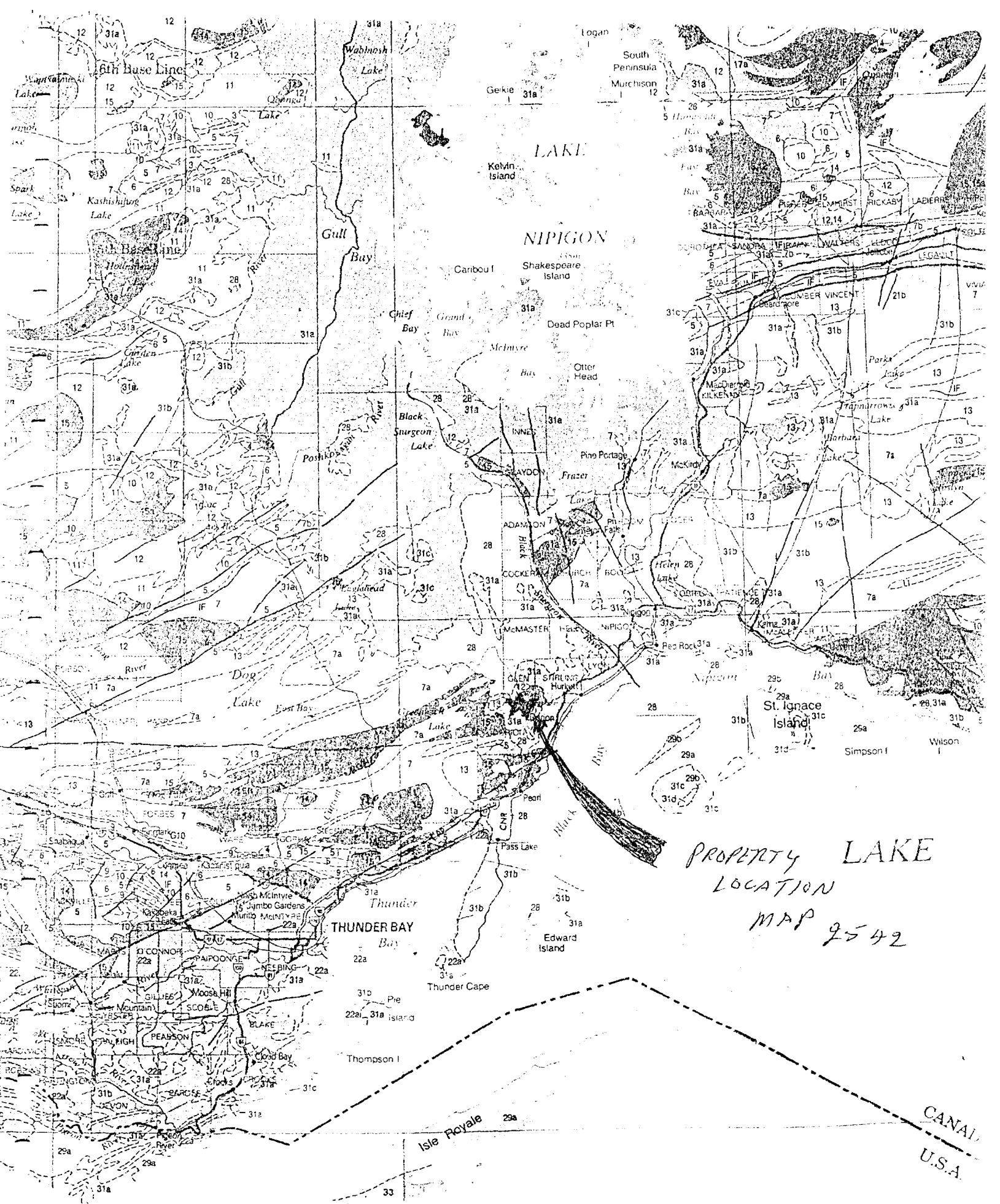
There is no diamond drilling to prove or disprove this theory at this location. However, diamond drilling on a similar structure some distance southeast is stated to have proven the mineral to fill breccia vugs below 200 feet vertical. The vugs are filled with solid mineral. This was at the Ogema Mine. Diamond drilling to depth on the Dorion structure may very well prove that the same kind of deposition exists. Should commercial mineral be found at depth, then mine making possibilities exist. This assumption brings into facies other occurrences in the Dorion area as a whole.

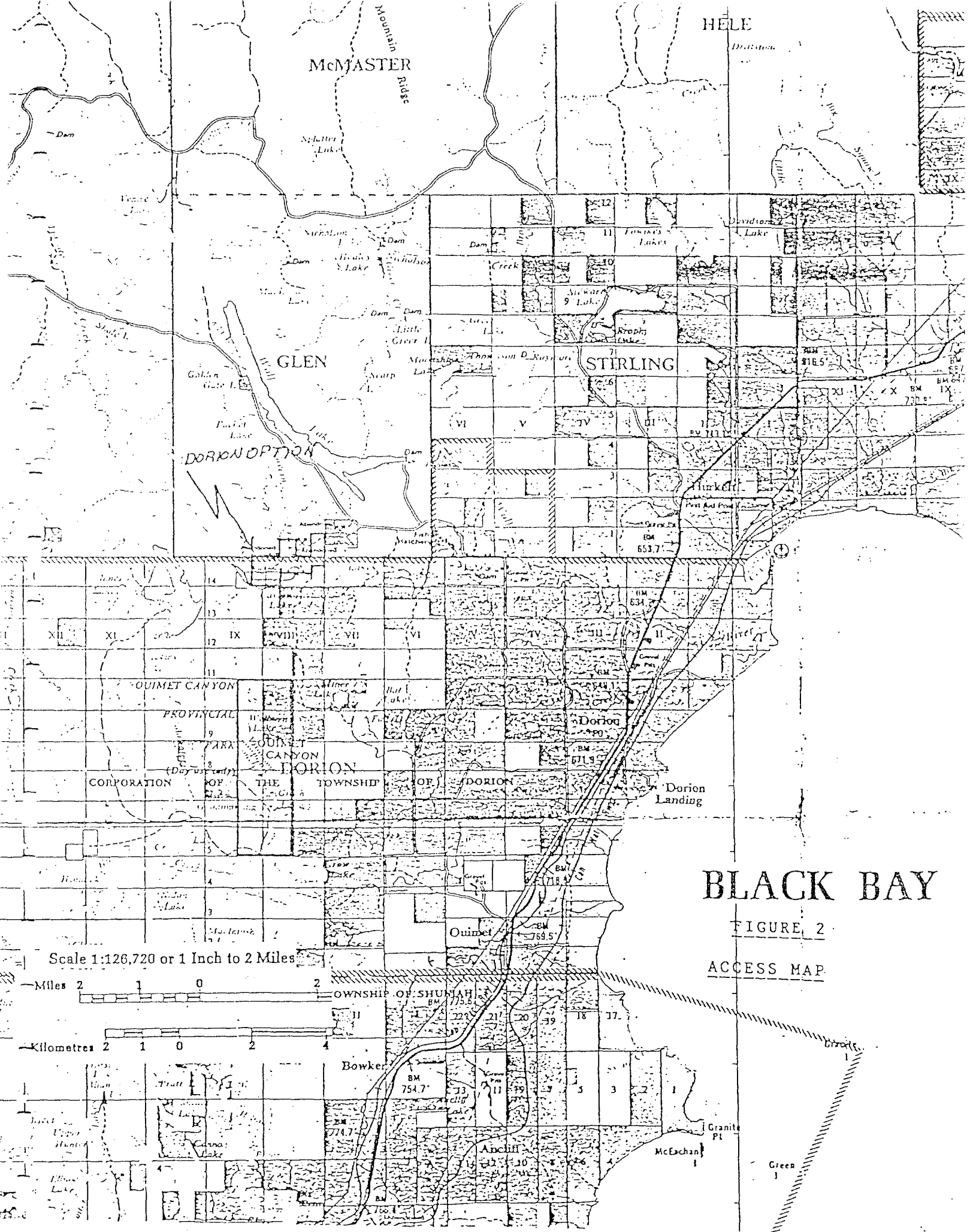
LOCATION AND ACCESS

The Dorion project is located 94 kilometres east-northeast of Thunder Bay. The claim group lies 14 kilometres north of the Dorion Village via all weather gravel roads and logging roads.

From the north part of the claim group access through to the west of the claim group and in the central southern part of the claim group is good. The main access road on the claims follows the mineralized structure along its south side, in a generally northeast direction.

Supplies, contractors, equipment and manpower are available in the Village of Dorion, in Thunder Bay and in the District of Thunder Bay. The most economic travel is by motor vehicle.





HELE

McMASTER

GLEN

STIRLING

DORION OPTION

QUIMET CANYON

PROVINCIAL

QUIMET CANYON

DORION

THE TOWNSHIP OF

DORION

Dorion

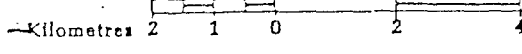
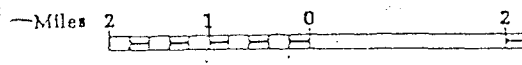
Dorion Landing

BLACK BAY

FIGURE 2

ACCESS MAP

Scale 1:126,720 or 1 Inch to 2 Miles



TOWNSHIP OF SHUMAH

Bowker

Adchiff

McEchan

Green

TOPOGRAPHY AND VEGETATION

Topographic relief is less than 50 metres vertical in the mapped area, rising moderately to the north from Cavern Lake. The ground is dry except for small local swamps around some of the small lakes.

To the north of the main access road following the northeast trending mineralized contact, some areas have reasonable growth of trees: poplar, some Jack Pine and a little spruce. Underbrush is generally thick.

To the south, the area has been cut over at different periods of time. Cut over areas are recent to +/- 20 years old. Second growth poplar is the dominant re-growth. Thick brush populates the area.

A mixture of sand, gravel and clay in most places covered with humus and till cover the area. An estimate of 20 % of gravel and 40% of sand and 40% of clay is found in the area. The area is dotted with small lakes, Cavern Lake being the largest interconnected with small streams that find their way to larger drainage courses, that eventually empty into Lake Superior.

PROPERTY STATUS AND CLAIMS

The Dorion project area consists of six (6) mining claims, that make up nineteen (19) 16 hectare claim units covering a land area of about 760 acres or 304 hectares. The claims were staked for David Petrunka or James A. Martin and received for recording at the mining recorders office in Thunder Bay on July 13th, 1992.

Claim # 1195852 - 2 units
1195953 - 3 units
1195854 - 8 units
1195855 - 3 units
1195856 - 1 unit
1195857 - 2 units

6 mining claims - 19 (16) hectare units

The claims are contiguous and straddle the boundary line between Dorion and Glen Townships.

Dorion Township claim print G-651, Glen Township - Wolf Lake claim print G-160.

Recorded holder: David F. Petrunka
#207-540 Oliver Road
Thunder Bay, Ontario
P7B 5T8

PREVIOUS WORK

The Dorion Mine was opened prior to 1907. The mine was acquired in 1926 by Dorion Lead and Zinc Mines Limited, a subsidiary of the North American Metals Corporation Limited.

In 1927, three (3) miles of road were constructed, a small mining plant was put in and drifting was continued southwesterly from the end of the old (Sandow) adit. The shaft at Dorion Mine, 90 feet deep, was cleaned out and exploratory work was also carried on elsewhere on the property. It is reported that rich lead and zinc ore were encountered at various depths in the shaft and that ore carrying 20% in zinc is exposed across a width of 4 feet in the drift at the east end of the property (Tanton 1931).

There is no report of any production during this period of time. There were however, numerous trenches and pits put across the mineralization along its strike. The property appears to have been re-staked a number of times since 1927, but there was no known ground work carried out on the property until 1982 when Noranda Exploration Company Limited carried out some geophysical work and in eight (8) diamond drill holes drilled 216.5 metres of core during June and July 1982. The diamond drilling tested one (1) hole in the lead and zinc mineralized zone and the other seven (7) holes were drilled to define stratigraphy and the attitude of the basement rocks.

None of the drilling performed tested the mineralized fault zone to depth. The length and intensity of the fault zone suggests diamond drilling should be performed to intersect the fault zone at depths of 100 metres, 200 metres and 300 metres to assess mineral grade and mining potential. This method should be employed along strike to 200 metre depth at various locations, to assess the mineral potential. No work has been performed on the ground since 1982.

CURRENT EXPLORATION WORK

Significant lead and zinc minerals are deposited in the dolomite, limestone, chert, mudstone breccia as well as in the fragmented and brecciated granite contact deformation zone.

Possible leaching of mineral from the granite and the Sibley group sediments took place, and were re-deposited within the contact deformation zone, between the granite and Sibley group of rocks along the zone conformity. Mobilizing fluids transporting the minerals to and along the fault shear contact where minerals can be easily deposited may lead to mineral enrichment and form a significant commercial ore deposit. In the alternative, and in the same perspective, mobilizing fluids may have leached the minerals from an underlying greenstone belt in the area which may have been the source rocks for minerals mobilized along the deformed brecciated fault zone and may perhaps explain deposition in other areas in and around Dorion Township. It is possible that deposition may occur on a major scale at depth which could explain the many occurrences of lead and zinc minerals throughout the area. Mobilizing fluids may be seen as the most significant event for mineral transportation and deposition.

The current exploration program carried out was conducted to find clues to support the above. Finding the deformation zone to be a fault shear zone along which minerals appear to have been mobilized rather than deposition along the granite and Sibley group of sediments non-conformity is significant. The diamond drilling done by Noranda to test the basement of the sediments and finding no mineral deposition makes the above discussion more agreeable with the findings this year.

TABLE 1
GEOLOGICAL LEGEND

LEGEND

OSLER GROUP

Helikian

- 7 b Basalt flows
a Diabase sill

SIBLEY GROUP

KAMA HILL FORMATION

- 6 c Siltstone, sandstone, massive purple, with occasional gypsum clasts.
b Sandstone well bedded, considerable sand content with good cross-bed structures.
a Sandstone spotted non calcareous red brown to purple

ROSSPORT FORMATION

- 5 i Sandstone, increased silt content, poor bedding, local stromatolites.
h Mudstone, mixed, well bedded, red/purple/orange/brown sandstone.
g Mudstone, dolomitic, local, fissile, red-brown with thin sandstone, showing soft sediment slumping.
f Mudstone, dolomitic red/orange, spotted, poor bedding, baritic.
e Chert, limestone
d Sandstone, coarse; peppered with large-scale cross-bedding.
c Sandstone, dolomitic mudstone, coarsely interbedded.
b Dolomite, crystalline with red mudstone, unspotted.
a Sandstone brick-red, med.-coarse grained.

PASS LAKE FORMATION

- 4 e Sandstone, thinly bedded, brown with minor calcareous mud seams.
d Sandstone, massively bedded, lack of sed. structures, some ripples.
c Sandstone, red/purple with intercolated mudstones
b Conglomerate with gunflint fragment and pebbles.
a Red shale/siltstone, well bedded. (local)

ROVE FORMATION

Aphebian

- 3 c Arenite and minor argillite.
b Argillite and greywacke.
a Pyritic shale, black and argillite.

GUNFLINT FORMATION

- 2 f limestone
e Chert-carbonate, banded.
d Chert-limestone, stromatolite.
c Grainstone
b Micrite
a Conglomerate

Archean

- 1 p Pegmatite
g Granite
d Diorite

METAMORPHIC SUBDIVISIONS

ms - Metasediments gn - Gneissic sh - Schistose m - Migmatitic

STRUCTURE

On the claim group, the granites to the north are pink to reddish, medium to coarse grained. A mixed composition appears based on the presence of more quartz in the rock in places and more feldspar in other places with some biotite. Migmatite was seen locally, rather brown to light pink in colour. They appear to be remnants of an older granitic rock.

The Sibley group sediments to the south are red, brown to beige in colour. The sandstone is pinkish to beige, rather flat lying bedded and dipping 5° to 20° locally. There are no minerals visible in the granite or the Sibley group sediments away from the shear zone.

The most interesting rocks on the property are the dolomite limestone, chert and mudstone fractured and brecciated sitting along the granite contact in a fault zone hosting good lead and zinc mineralization. The contact fault zone strikes northeast on the property from the Bat Cave Provincial Park at the west end through the Dorion Lead and Zinc Mine, the Sandow adit area, the Bishop Mine shaft +/- 4 feet deep through the claim group and on north east to the Thunder Bay Lead and Zind Mine. The dolomite, limestone, chert, mudstone rocks are distinct from any other rock on the claim group. The rock outcrops of this unit is weathered white on surface and is grey when broken. This rock is hard and brittle unlike the contact granite and Sibley group sediment. This unit is well mineralized near and at the granite contact, and the lead - zinc mineral is seen in the granite for widths of more than two (2) metres at the Dorion Mine. Some north - south faulting is seen crosscutting the main fault zone.

MINERALIZED ZONE

The mineralized zone, located in a northeast striking fault zone between granite to the north and the Sibley group sediments to the south.

Where the zone outcrops, it weathers white to cream. The rocks are very hard and brittle. Sphalerite and galena, the zinc and lead minerals, are disseminated throughout. The mineralized rock unit is 10 to more than 25 metres wide. The galena is blue grey or lead grey and the sphalerite throughout the rock unit is grey to grey black to honey coloured on very light yellow. Green sphalerite was seen at one (1) location and is rare in nature.

Along the north side of the zone, near the granite contact, the dolomite rock unit contains disseminated mineral throughout with richer stringers and lenses up to 1 to 2 feet thick. This mineralized fracture fillings is around fragments and breccia. The granite, at the contact of the dolomite, limestone, chert, mudstone, is also well mineralized for widths of more than 2 metres, in stringers around fragments and granite breccia. This entire fault system warrants a concentrated trenching and diamond drilling program in order to prove the extent of the mineral deposition along strike and to depth.

RECOMMENDATIONS

In view of the recent findings the mineralized zone should be systematically trenched to a depth of at least one (1) metre across its entire width and length in the property followed by diamond drilling.

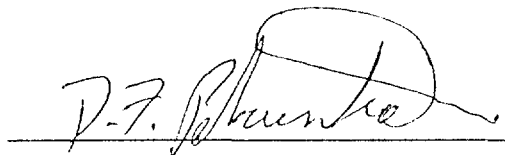
A geophysical survey should also be undertaken to try to locate other mineralized areas on the property that do not outcrop. It is possible that significant ore deposition exists. The zone of mineralization should be diamond drilled and intersected at 100 metres, 200 metres and at 250 metres at intervals along the entire length of the zone in the claim group.

PROGRAM CERTIFICATE

The 1993 field season program was carried out on the Dorion Lead and Zinc Property with the assistance of Ontario Prospectors Assistance Program, Grant OP93-062.

I, David F. Petrunka of #207-540 Oliver Road Thunder Bay Ontario P7B 5T8, certify the information contained in this report was obtained during on-site property examination and prospecting personally conducted.

DATED AT THUNDER TAY, THIS 3rd DAY OF SEPTEMBER 1993.

A handwritten signature in cursive script, appearing to read "D.F. Petrunka", is written over a horizontal line.

DAVID F. PETRUNKA

APPENDIX 1

<u>Sample number</u>	<u>Location and Description</u>
217312	140 metres west of Dorion Mine shaft, 1 metre chip-west side of pit, dolomite, granite, mudstone breccia.
217313	140 metres west of Dorion Mine shaft, 2' chip in pit, dolomite, limestone, mudstone.
217314	140 metres west of Dorion Mine shaft, grab sample, dolomite, limestone, breccia.
217315	Dorion Mine shaft, grab sample, dolomite, limestone, breccia.
217316	Dorion Mine shaft, grab sample, dolomite, limestone, granite breccia.
217317	Dorion Mine shaft west side, 2 metres chip, dolomite, mudstone, granite breccia.
217318	Dorion Mine shaft east side, 1 metre chip, granite breccia.
217319	100 metres east of Dorion Mine shaft, grab sample, west side of pit, dolomite, limestone, mudstone breccia.
217320	100 metres east of Dorion Mine shaft, chip sample across 1 metre, dolomite, limestone, breccia.
217321	200 metres east of Dorion Mine shaft, grab sample, small pit, dolomite, granite, breccia.
217322	250 metres east of Dorion Mine shaft, grab sample, granite breccia.
217323	250 metres east of Dorion Mine shaft, grab sample, dolomite, limestone, breccia.
217324	265 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.
217325	350 metres east of Dorion Mine shaft, grab sample, quartz, dolomite, limestone, breccia.
217326	410 metres east of Dorion Mine shaft, grab sample,

quartz, dolomite, limestone breccia.

217327 410 metres east of Dorion Mine shaft, grab sample, dolomite, limestone, mudstone breccia.

Sample
number

Location and Description

217328 450 metres east of Dorion Mine shaft, grab sample, quartz, dolomite, limestone breccia.

217329 480 metres east of Dorion mine shaft, grab sample, dolomite, limestone, breccia.

217330 530 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.

217331 620 metres east of Dorion Mine shaft, grab sample, quartz, dolomite, limestone breccia.

217332 600 metres east of Dorion Mine shaft, grab sample - weather leached, dolomite, limestone, mudstone breccia.

217333 600 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.

217334 600 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.

217335 625 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.

217336 625 metres east of Dorion Mine shaft, grab sample, dolomite, limestone breccia.

217337 Bishop shaft west side, grab sample, granite, dolomite breccia

217338 Bishop shaft west wall, 2' chip sample, granite, dolomite breccia.

217339 Bishop shaft east side, 1' chip sample - good sphalerite, dolomite, limestone breccia.

217340 100 metres east of Bishop shaft, 1 metre chip sample east side pit, dolomite, limestone breccia.

217341 100 metres east of Bishop shaft, 2' chip sample west

side pit up slope, dolomite, limestone, breccia.

217342 100 metres east of Bishop shaft, grab sample centre
of Long Pit, dolomite, limestone, breccia.



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Page 1

MR. DAVE PETRUNKA
540-207 Oliver Road
Thunder Bay, Ontario
P7B 5J8

August 27, 1993

Job #934338
#934344

Accurassay	Sample # Customer	Lead ppm	Zinc ppm	Silver ppm
	1	217312	13.68%	4720
	2	217313	8.76%	3.26%
	3	217314	9.47%	3480
	4	217315	664	21.28%
	5	217316	533	24.32%
	6	217317	1.03%	3840
	7	217318	450	23.68%
	8	217319	1.35%	11.92%
	9	217320	1.97%	3.26%
	10	217321	1.10%	2.85%
	1	217322	2.20%	18.64%
	2	217323	2.32%	16.64%
	3	217324	7.12%	2.95%
	4	217325	5.92%	2.80%
	5	217326	1.14%	12.74%
	6	217327	2.66%	1.78%
	7	217328	6160	1.08%
	8	217329	1.81%	2.94%
	9	217330	837	3.57%
	10	217331	139	2.70%
	11	217332	592	13.44%
	12	217333	3520	7.56%
	13	217334	3.32%	2.58%
	14	217335	6.48%	9560
	15	217336	8280	9.48%
	16	217337	2200	22.00%
	17	217338	1308	16.88%
	18	217339	90	27.68%
	19	217340	68	5.20%
	20	217341	16	19.28%
	21	217342	33	8.24%

<1

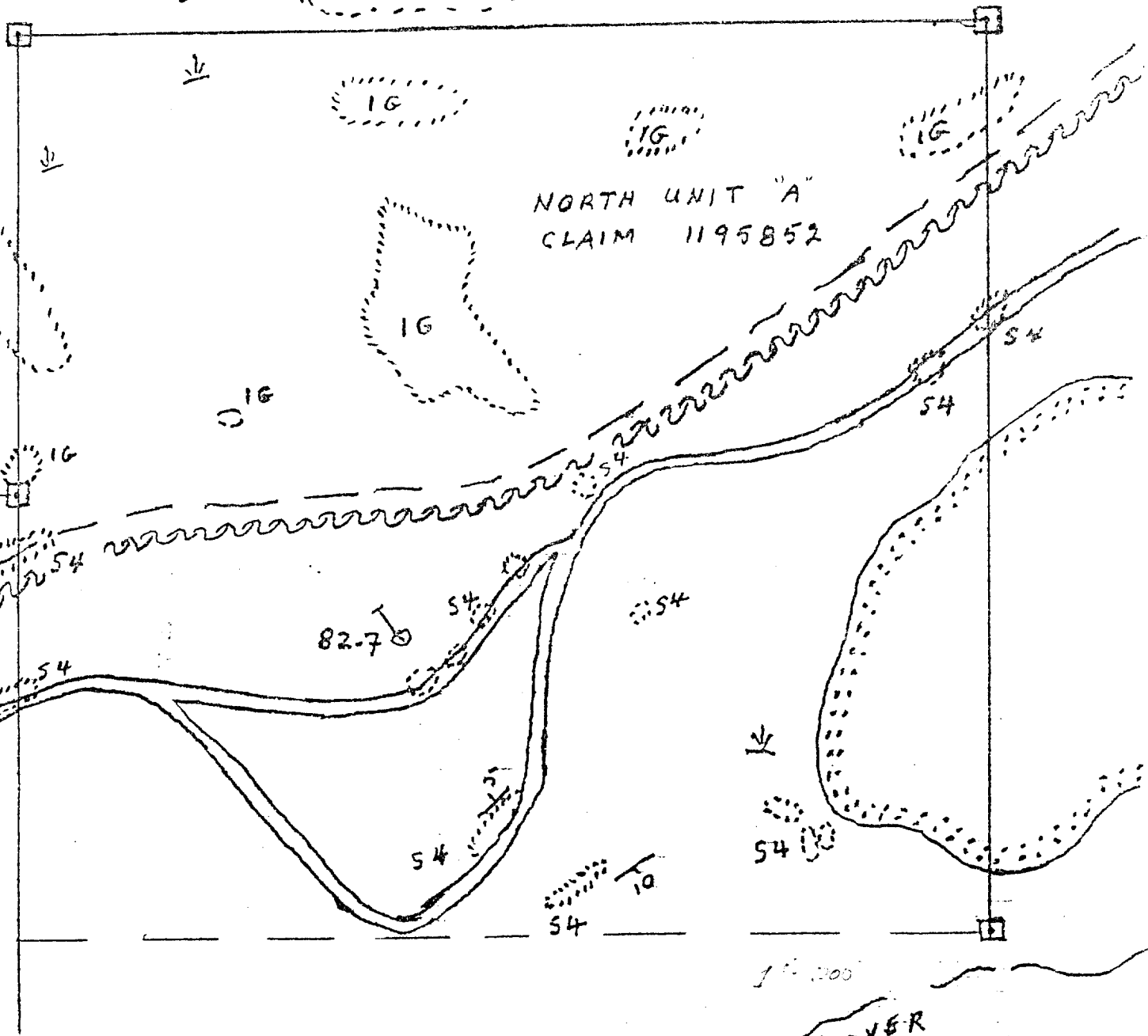
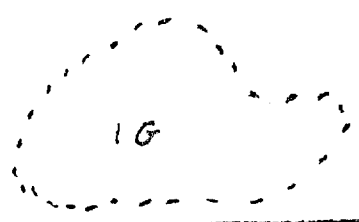
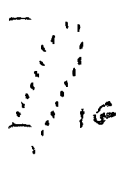
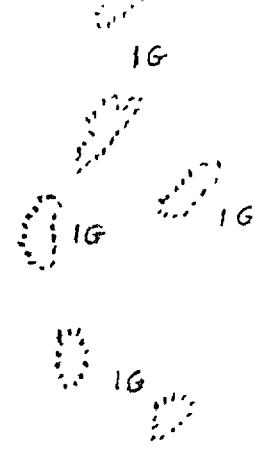
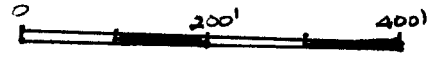
5

Certified By:

Chris B...

PLATE # 1

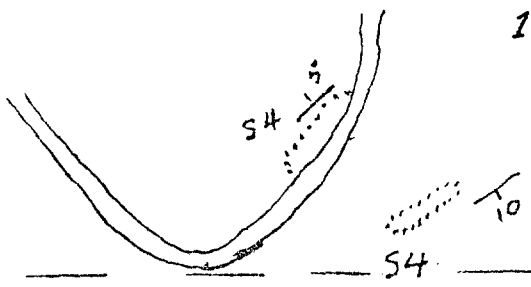
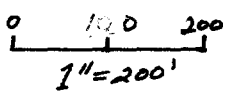
CLAIM 1195852
(2 UNITS)



1" = 200'

GUT OVER

PLATE # 2



1195852
2 UNITS

SOUTH UNIT "B"

NO
O/C

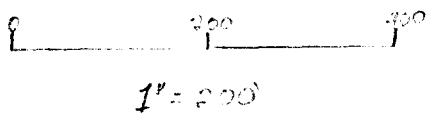
CUT OVER

NO
O/C

SECOND GROWTH POPLAR
THICK BRUSH

CUT OVER

CUT OVER



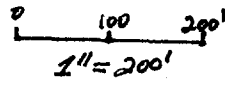
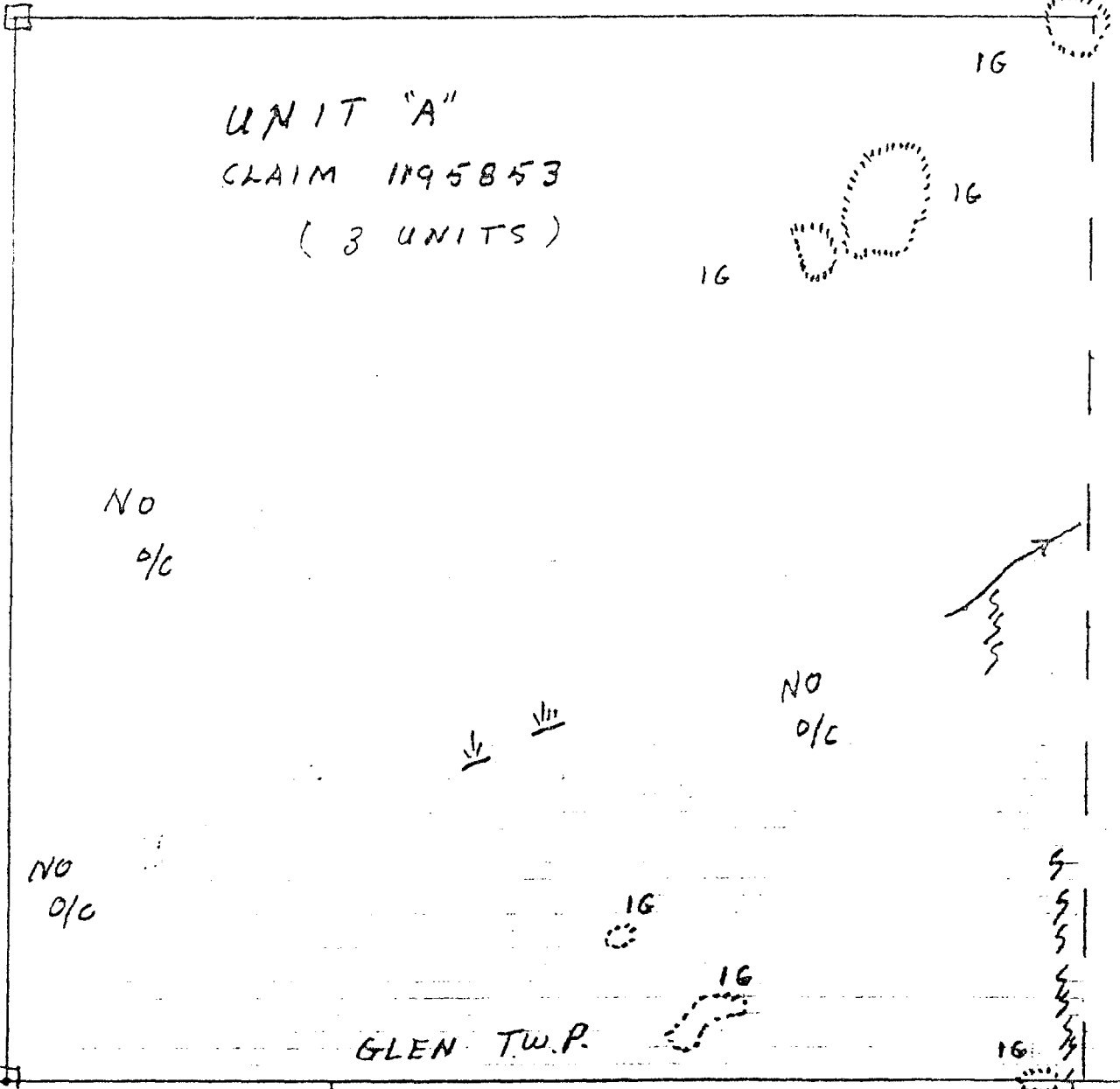


PLATE # 3

UNIT "A"
CLAIM 1195853
(3 UNITS)



NO
o/c

NO
o/c

NO
o/c

NO
o/c

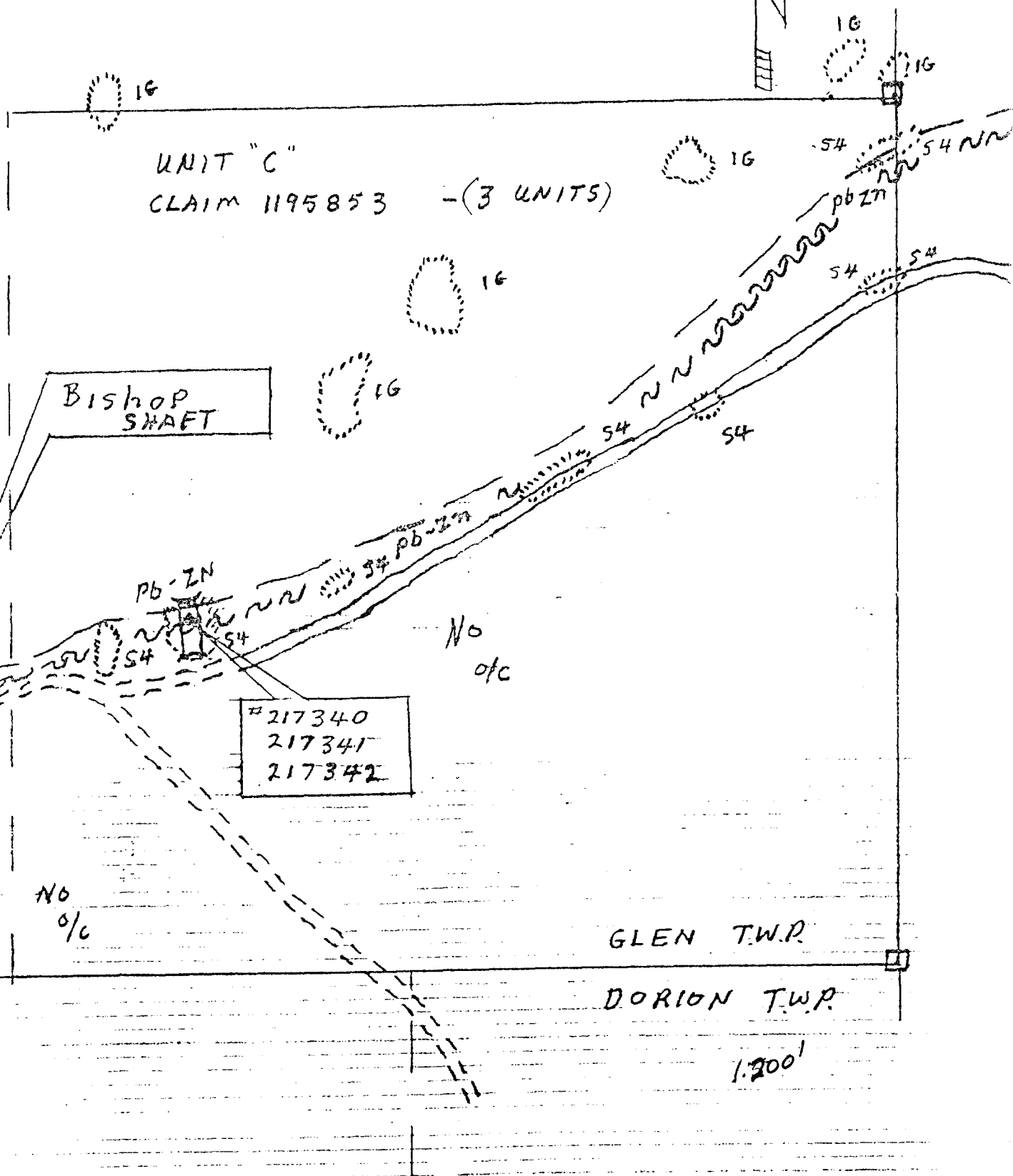
GLEN T.W.P.

DORION T.W.P.

1:2000

PLATE # 5

0 100 200 feet



UNIT "C"
CLAIM 1195853 - (3 UNITS)

BISHOP
SHAFT

217340
217341
217342

GLEN T.W.P.

DORION T.W.P.

1:200'

No
etc

No
etc

16

16

16

16

16

16

54

54

54

54

Pb-Zn

Pb-Zn

54

54 NN

Pb Zn

b-zn

54

54

No

etc

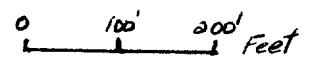
No

etc

1

PLATE # 6

NORTH WEST CORNER
CLAIM 1194854 (8 UNITS)
CLAIM UNIT "A"



STEEL
IRON
BAR

GLEN T.W.P.

DORION T.W.P.

NO
O/C

X 16

NO
O/C

BAT CAVE PROVINCIAL PARK

DORION
MINE

# 217315	# 217318
# 217316	
# 217317	

217322
217323

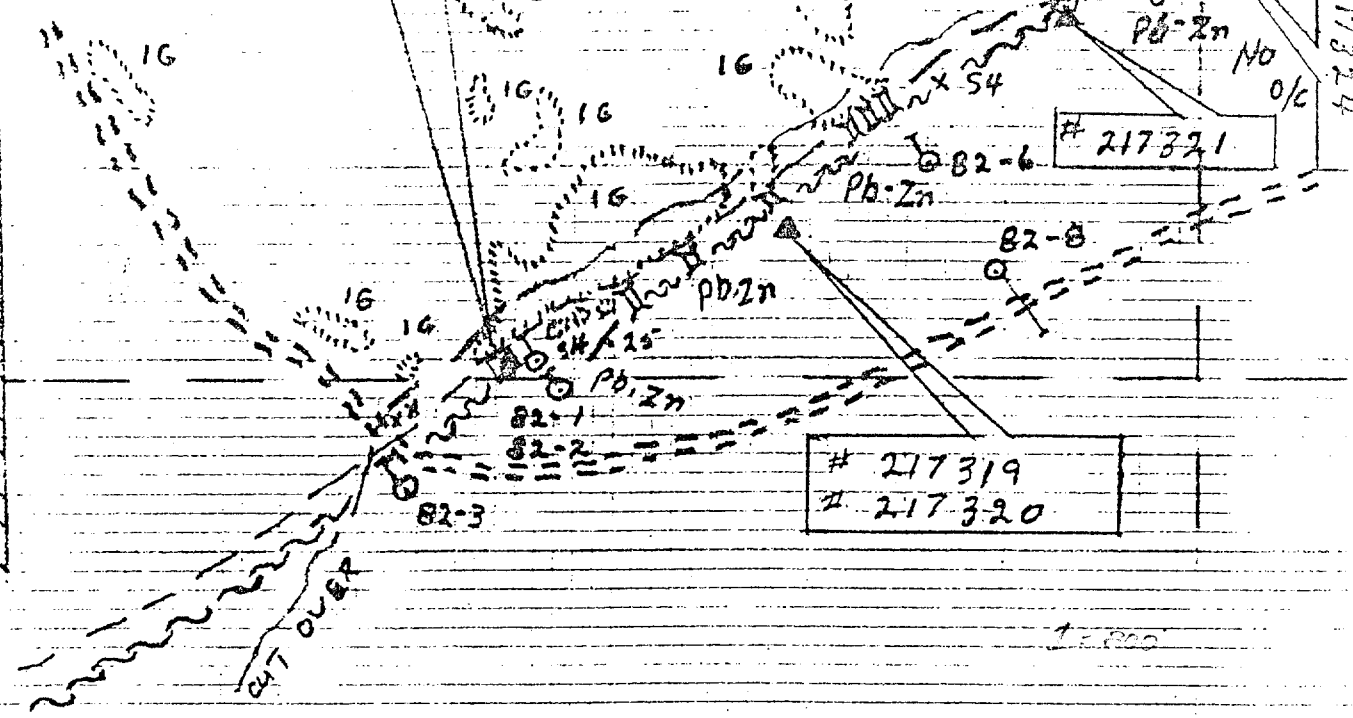
217321

217319
217320

X-8B

X-54

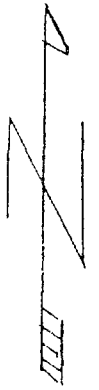
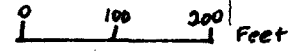
217324



DORION
MINE

PLATE # 7

CLAIM 1195854
UNIT "B"
(8 UNITS)



BAT LAKE PROVINCIAL PARK

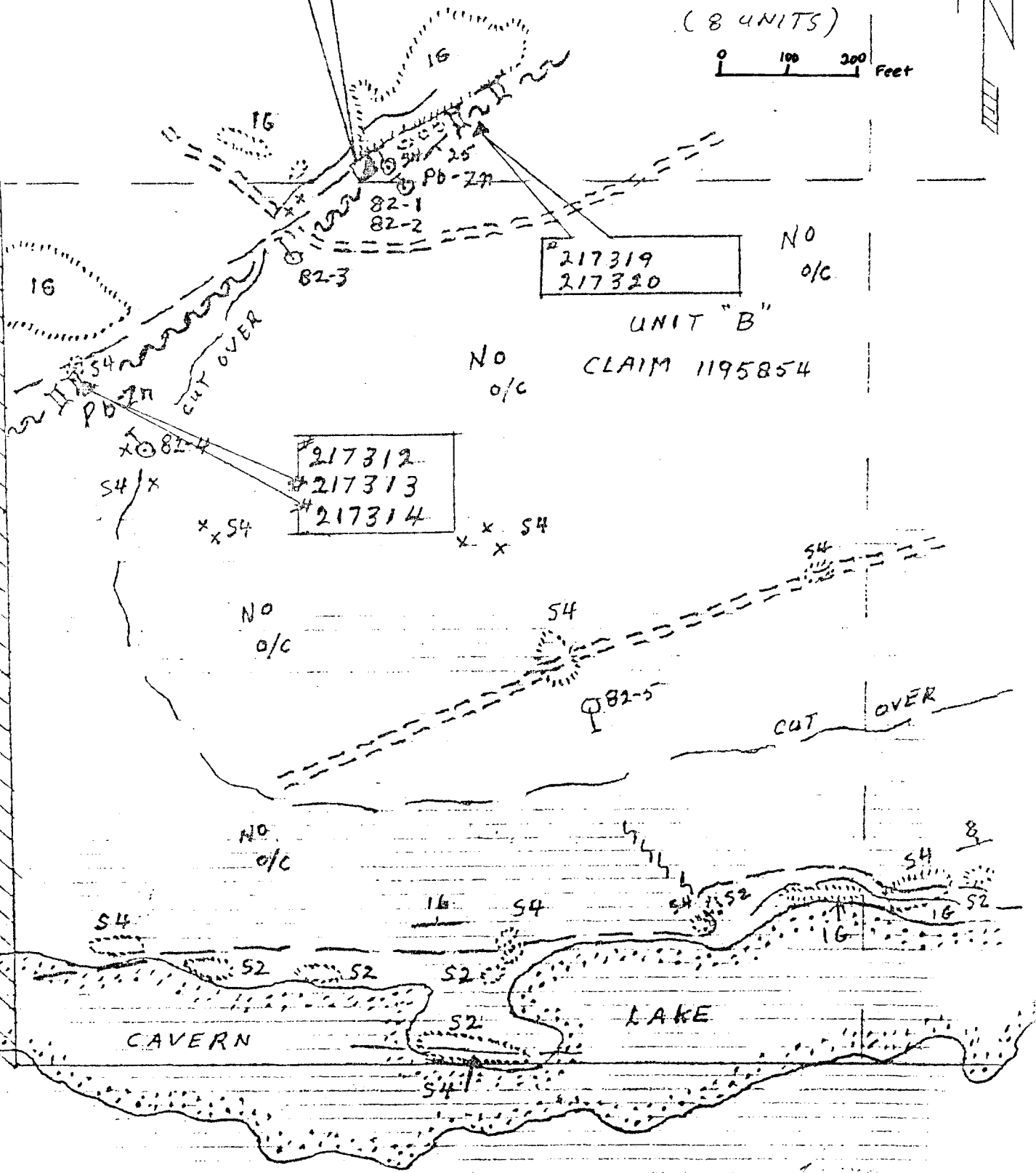


PLATE # 8
CLAIM 1195854
UNIT "C"
(8 UNITS)

STEEL IRON BAR
0 100 200
Feet

GLEN T.W.R.

DORION T.W.P.

217331
217332
217333

217325

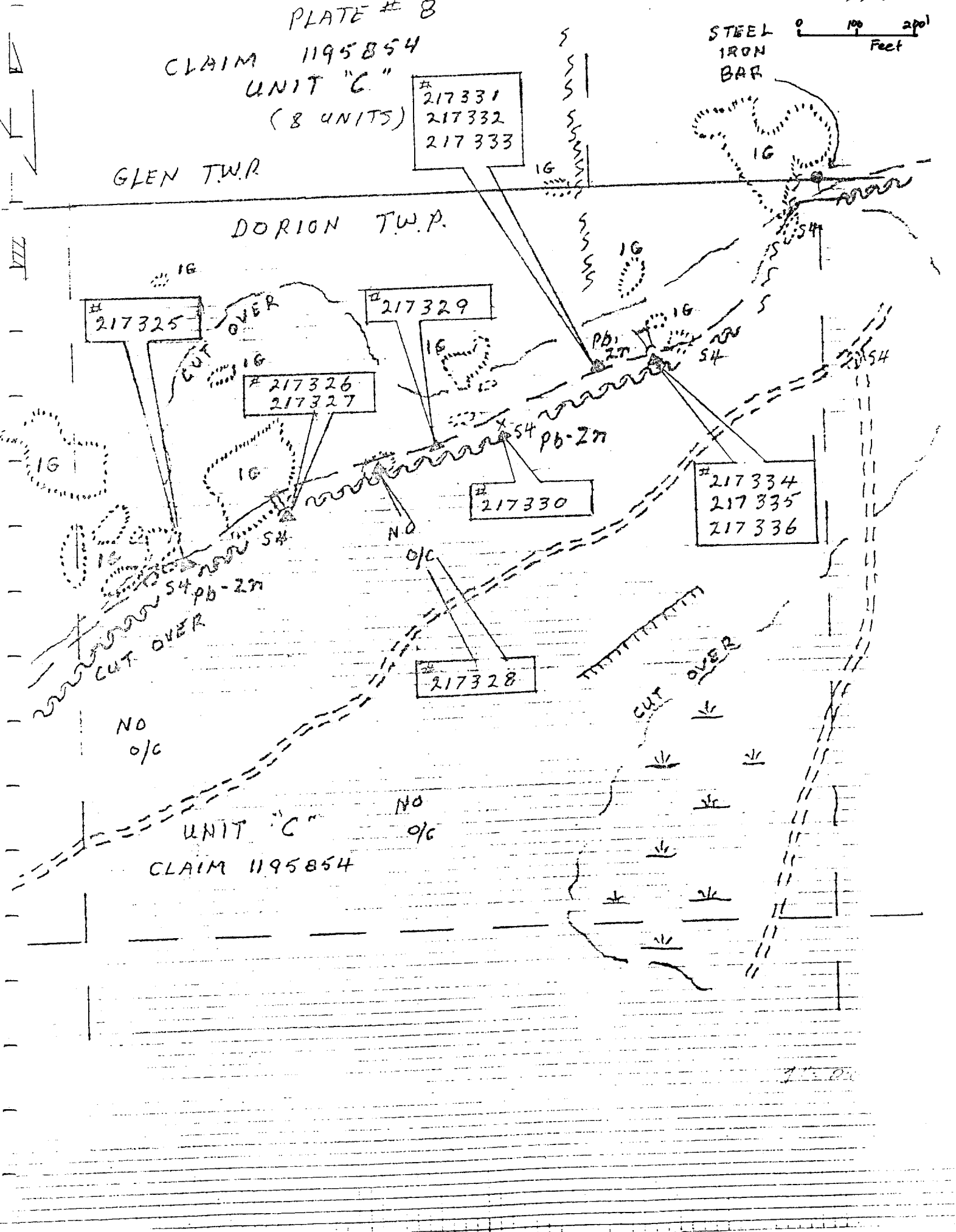
217329

217326
217327

217330

217334
217335
217336

217328



NO
o/c

NO
o/c

UNIT "C"
CLAIM 1195854

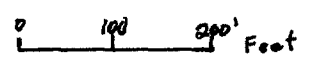
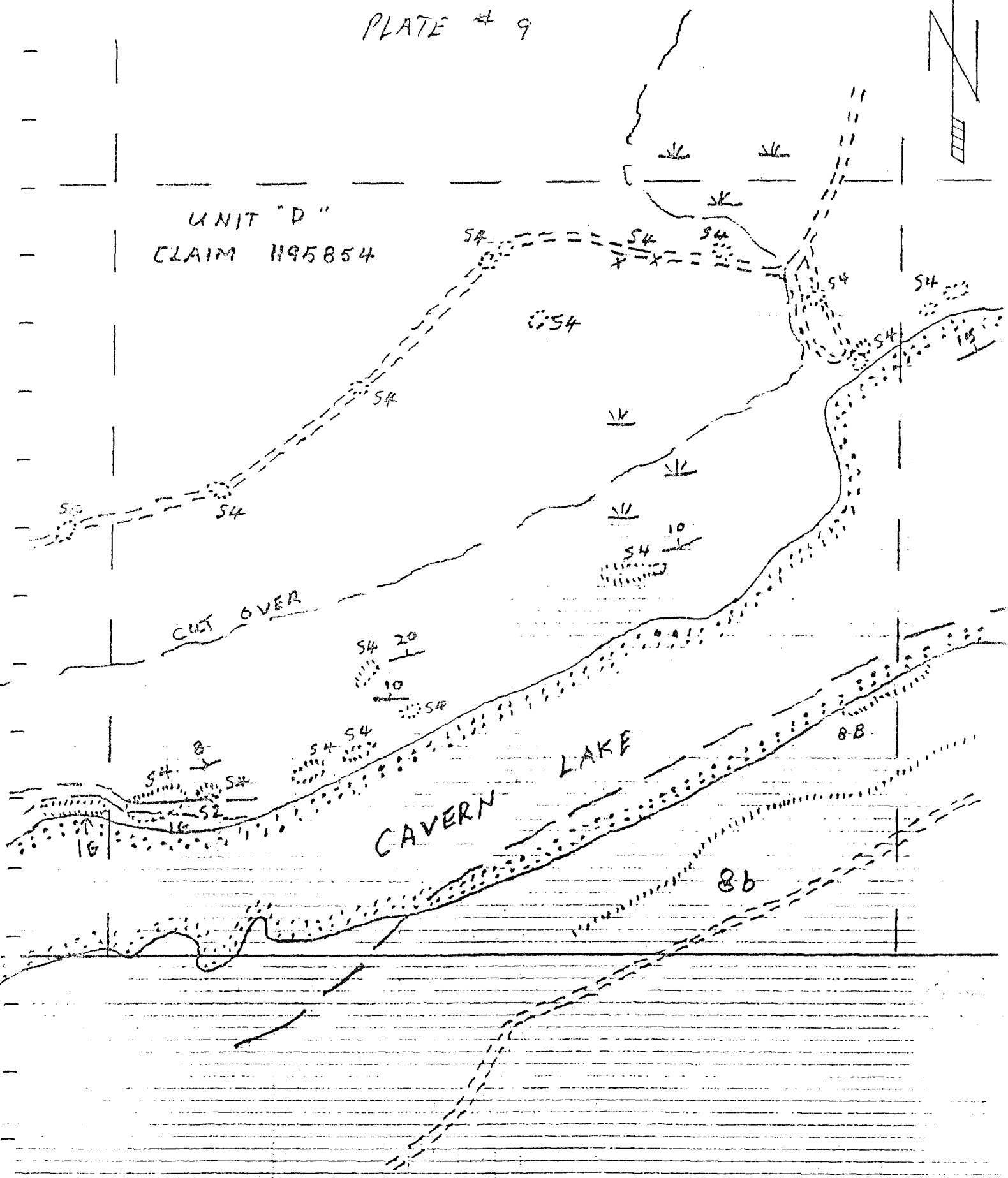


PLATE # 9

UNIT "D"
CLAIM 1195854



CUT OVER

CAVERN LAKE

8B

86

S4

S4

S4

S4

S4

S4

S4

S2

S4

S4

S4

S4

10

S4 20

10

S4

S4

S4

S4

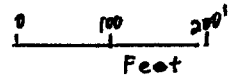
S4

S2

16

16

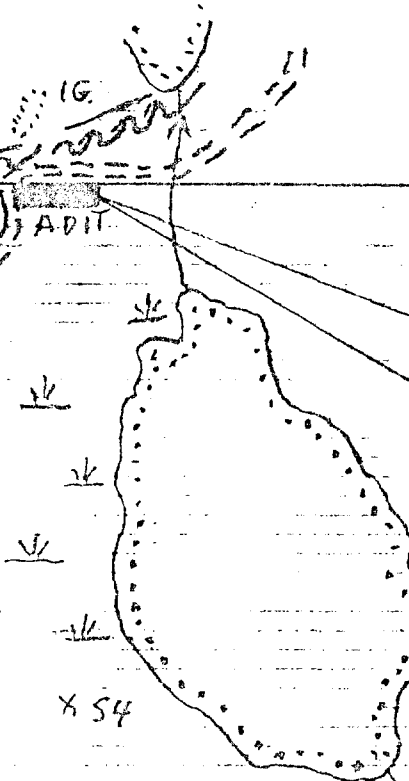
PLATE # 10



STEEL
IRON BAR

GLEN T.W.P.

DORION T.W.P.



SANDOW
ADIT

NO
O/C

NO
O/C

UNIT "E"
CLAIM 1195854

NO
O/C

CUT OVER

CAVERN LAKE

X S4

1195854
8 UNITS

S4

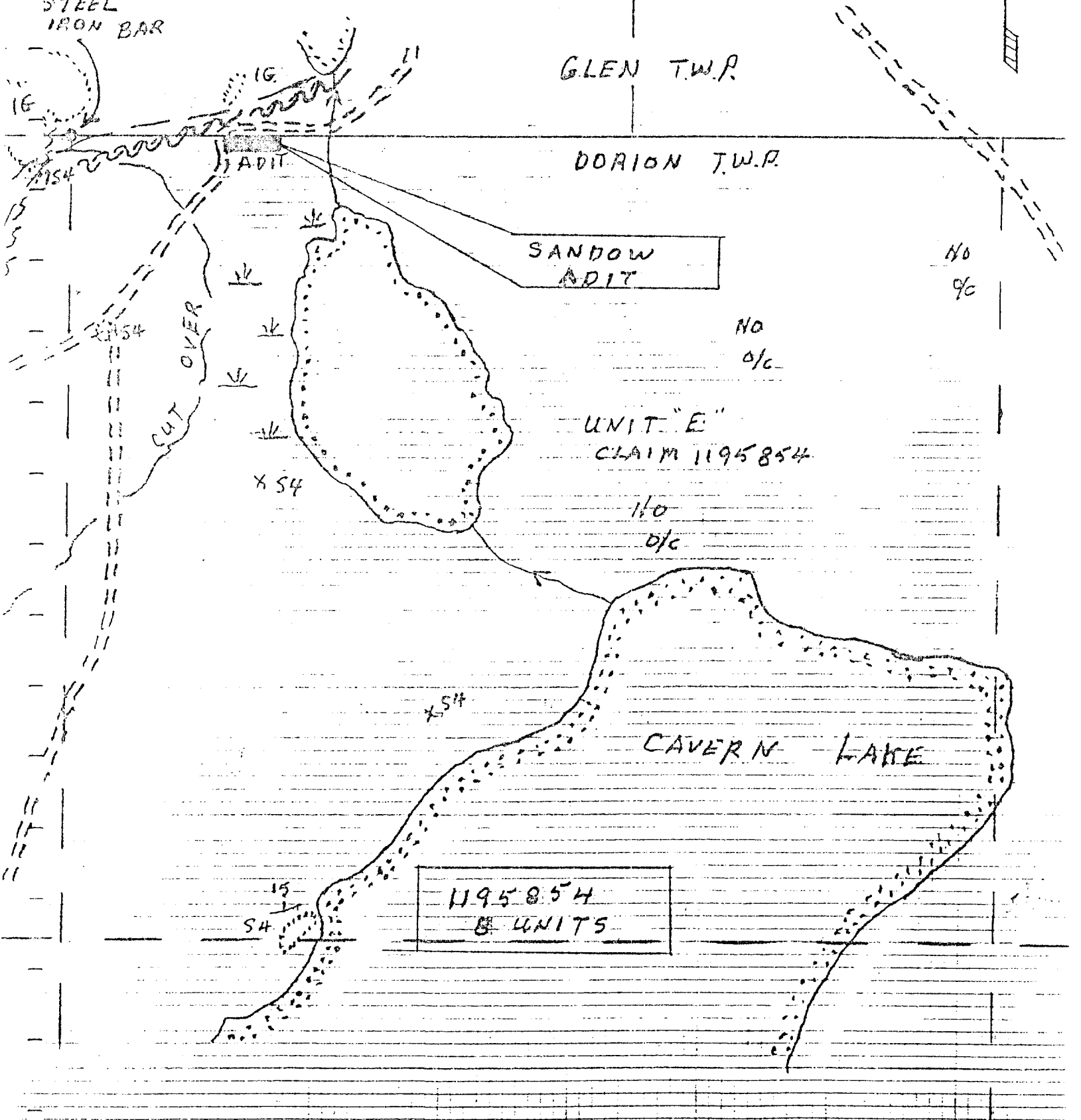
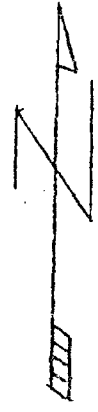


PLATE # 11

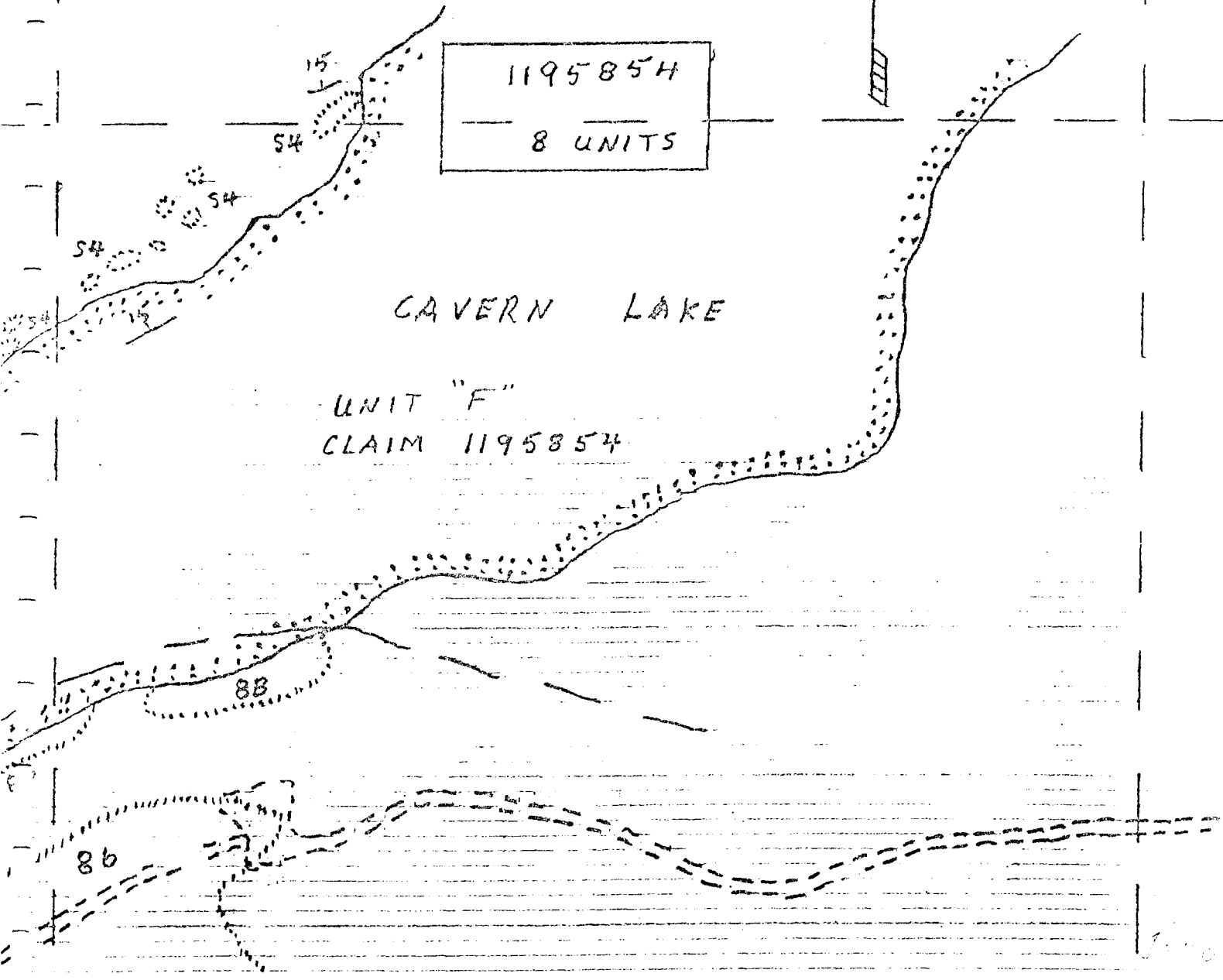
100 200 Feet

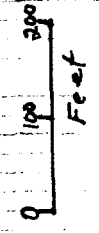
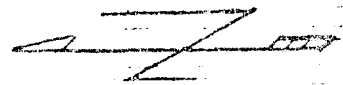


1195854
8 UNITS

CAVERN LAKE

UNIT "F"
CLAIM 1195854





GLEN TWP.
DORION TWP.

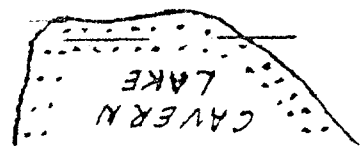
PLATE # 12

UNIT "G"
CLAIM 1195854

SECOND GROWTH POPLAR
THICK BRUSH

No
o/c

No
o/c



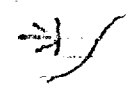
HS

CUT OVER

CUT OVER

CUT OVER

CUT OVER



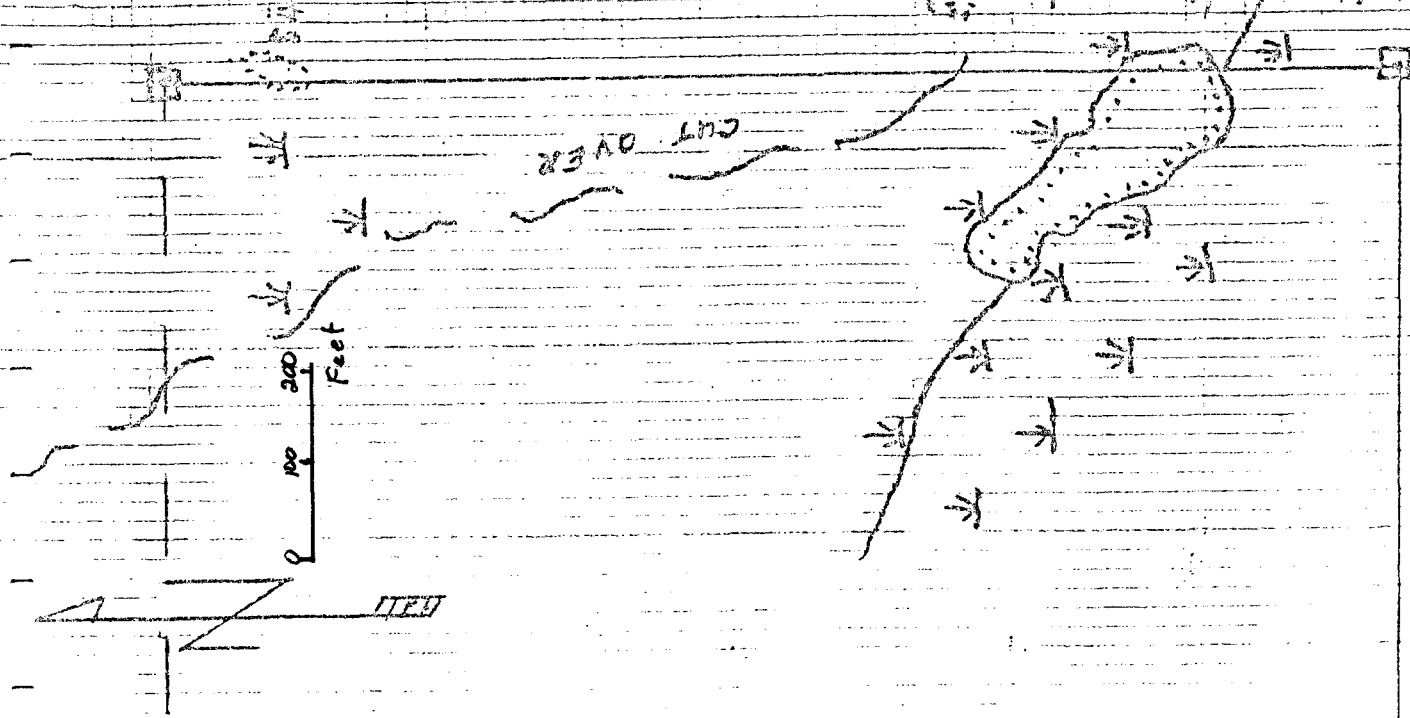
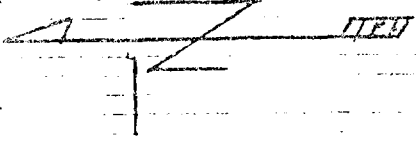


PLATE 413

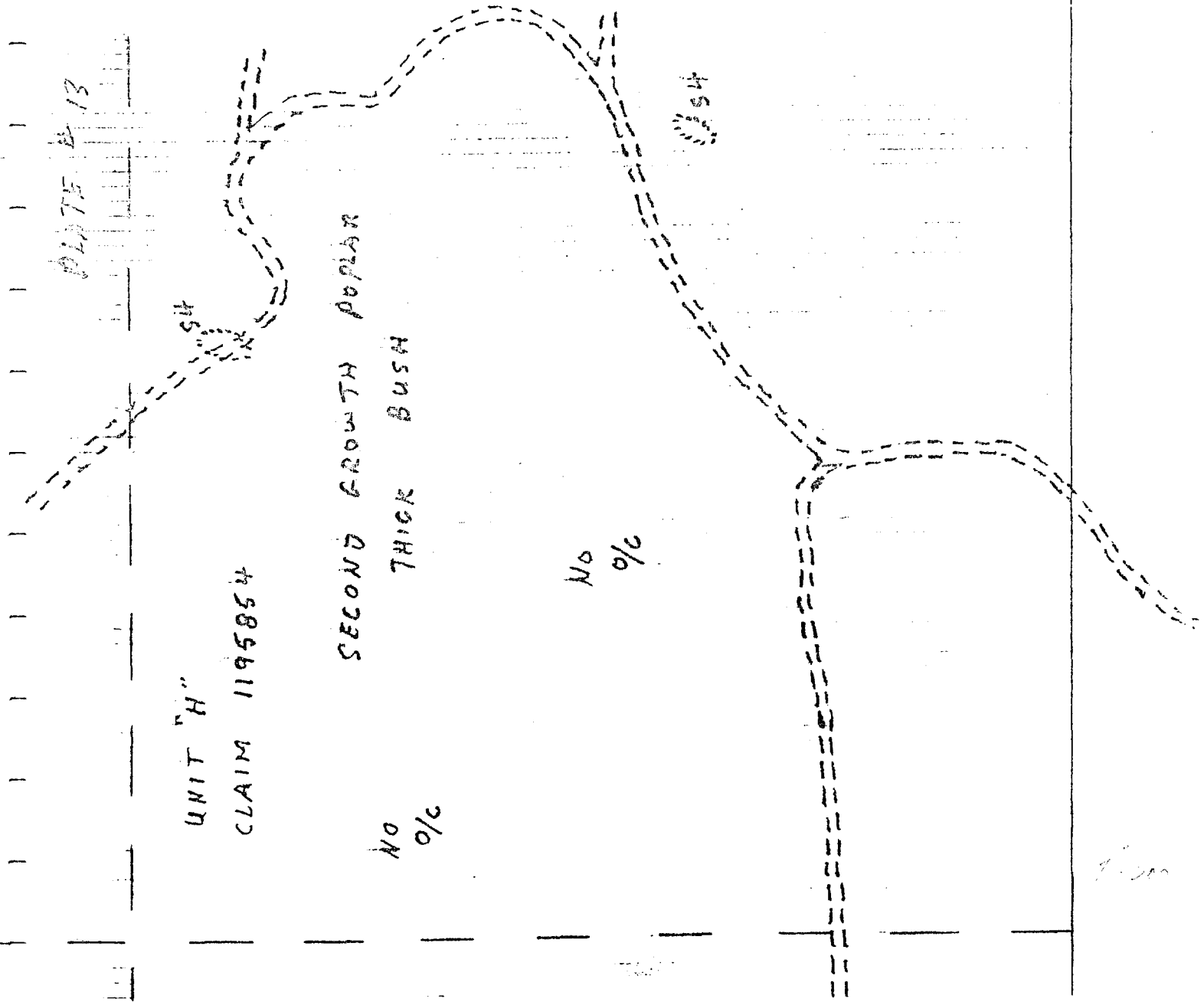
UNIT "H"
CLAIM 1195854

SECOND GROWTH POPLAR

THICK BUSH

No
o/c

No
o/c



1.000



PLATE # 14

CUT OVER

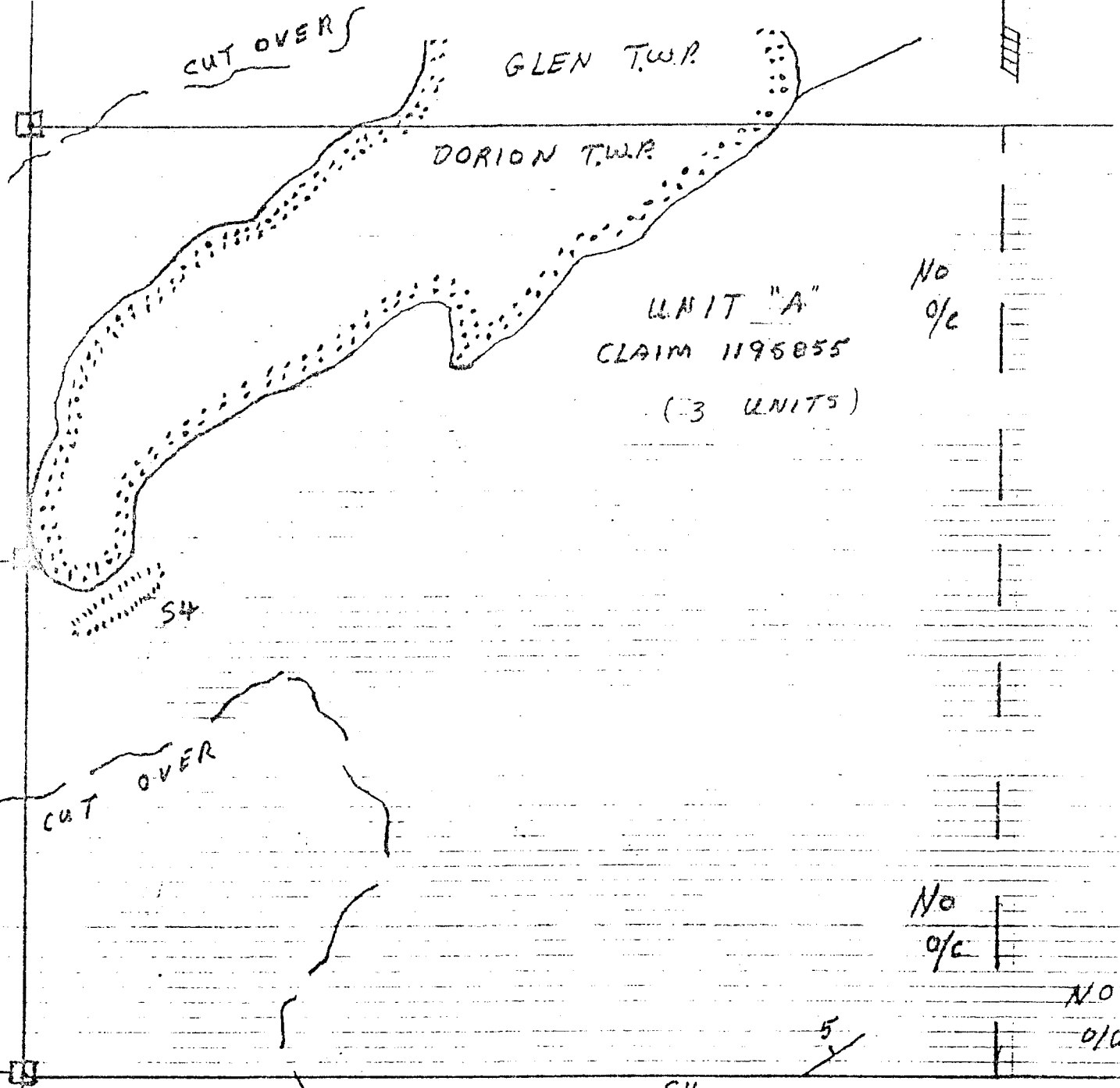
GLEN T.W.P.

DORION T.W.P.

UNIT "A"
CLAIM 1195855

(3 UNITS)

No
o/c



S4

CUT OVER

No
o/c

No
o/c

5

S4

S4

5

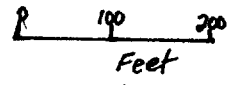
S4



1-100

29.

PLATE # 15



8b

GLEN T.W.P.

DORION T.W.P.

No
o/c

No
o/c

No
o/c

UNIT "B"

1195855

3 UNITS

No
o/c

No
o/c

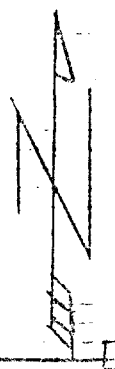
No
o/c



15

1 1/2

PLATE # 16
100 200
Feet



8b

GLEN T.W.P.

8b

DORION T.W.P.

8b

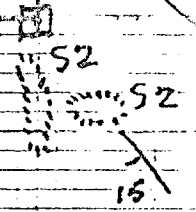
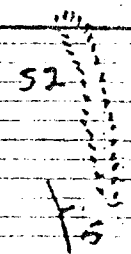
UNIT "C."

CLAIM 1195855

3 UNITS

No
o/c

No
o/c



16

NORTH UNIT "A"
CLAIM
1195852

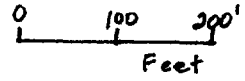
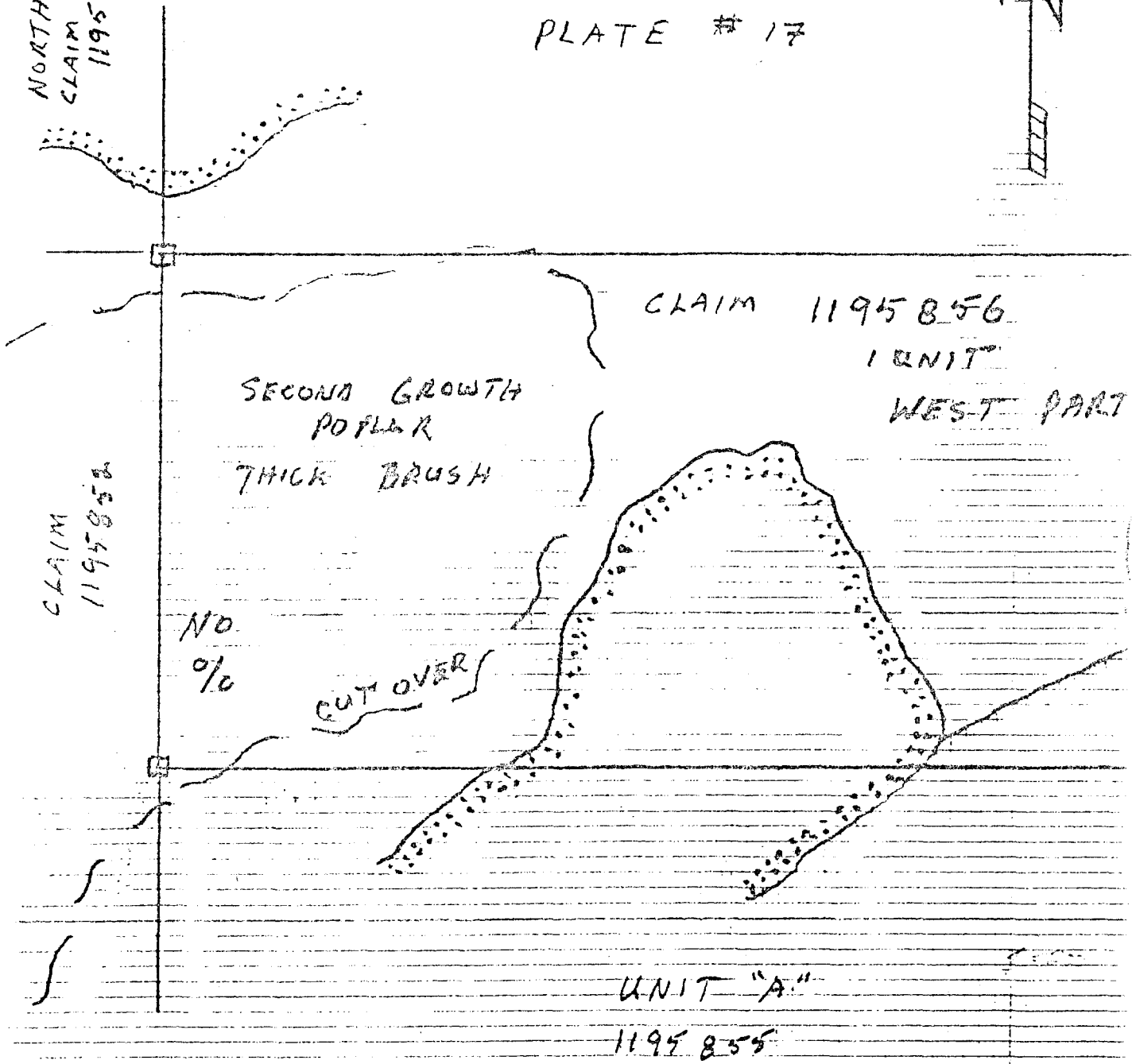
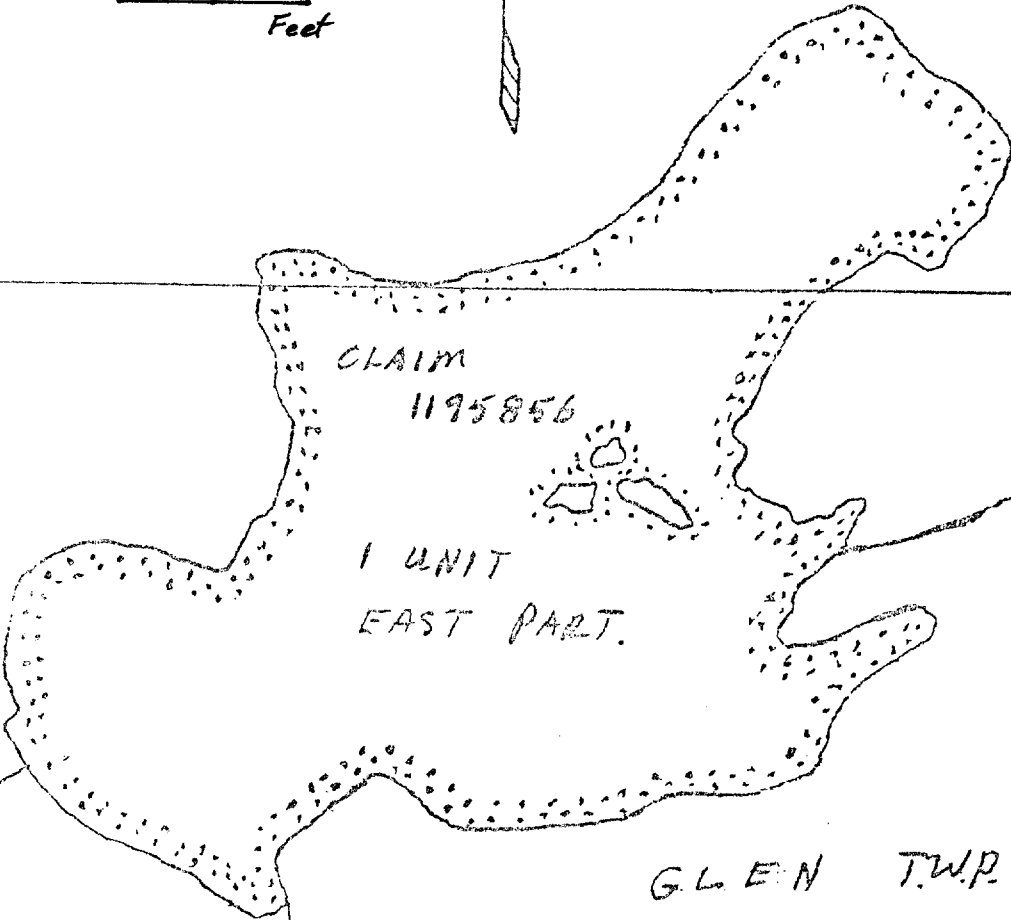
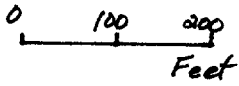


PLATE # 17



CLAIM
1195858

PLATE # 18



GLEN TWP

DORION TWP

UNIT "B"
1195855

S2

16

CLAIM
1195857

S2

1195857

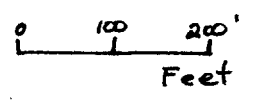
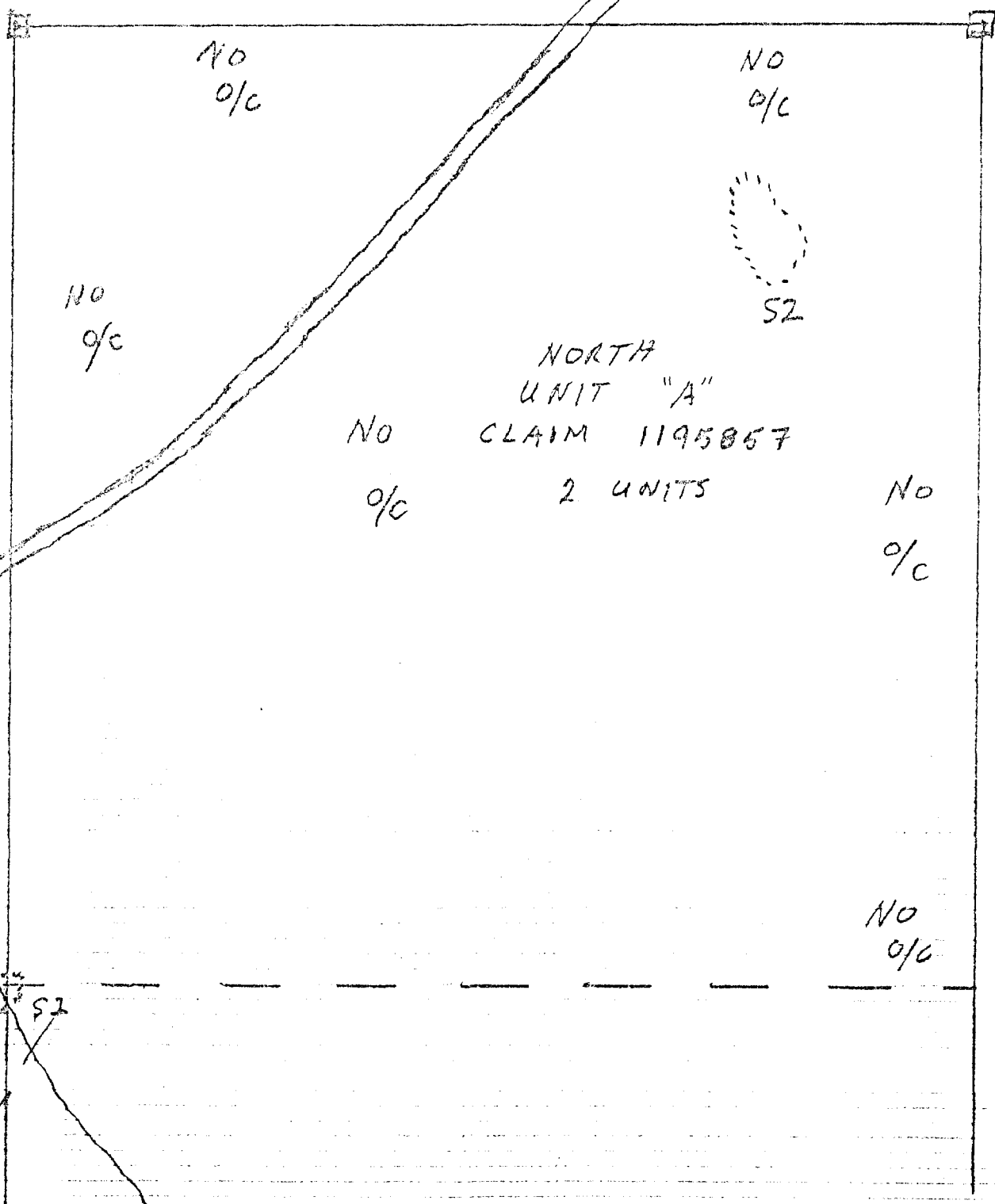


PLATE # 19



NO
o/c

NO
o/c

NO
o/c

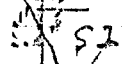


NORTH
UNIT "A"
CLAIM 1195857
2 UNITS

NO
o/c

NO
o/c

NO
o/c



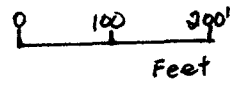
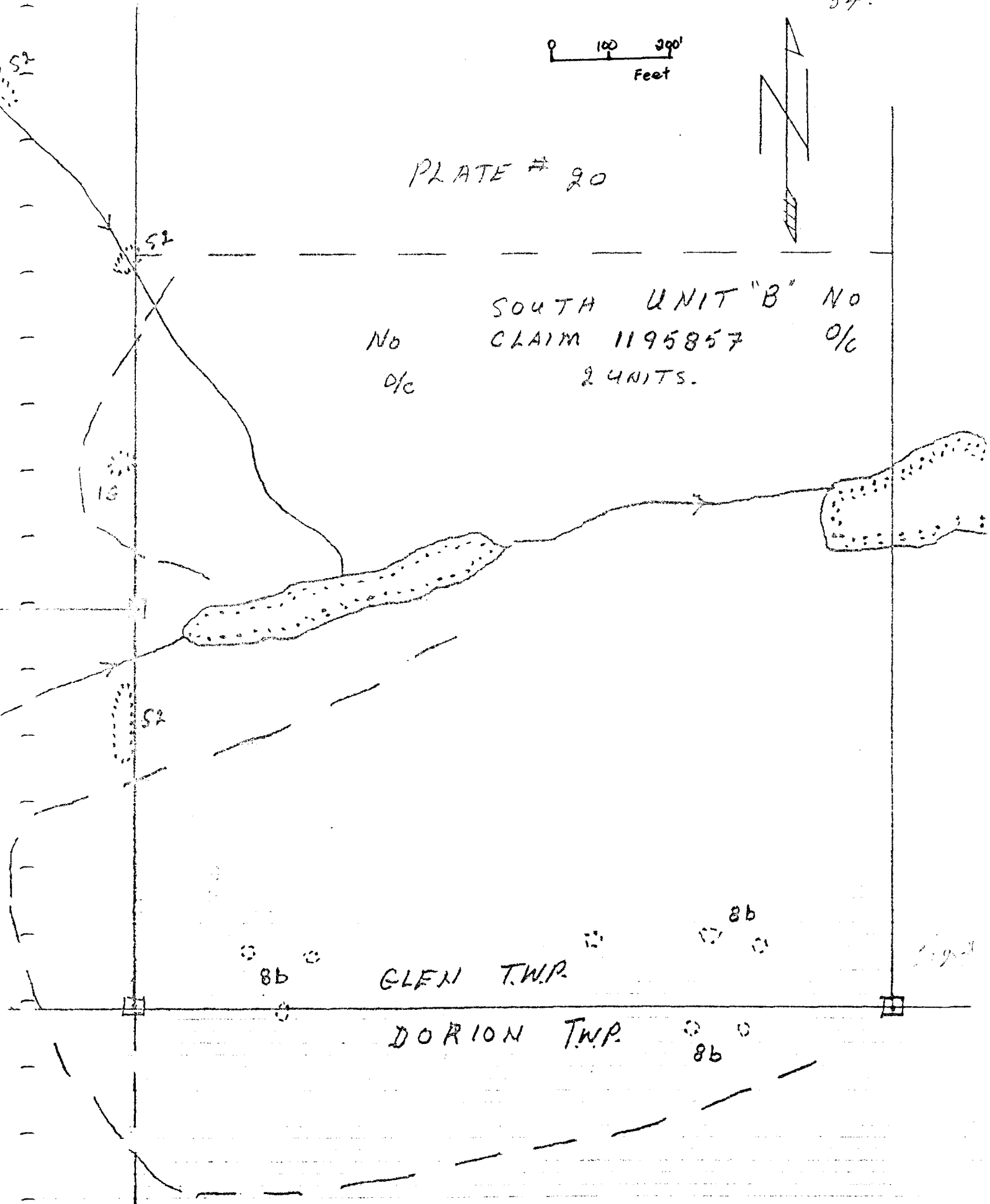
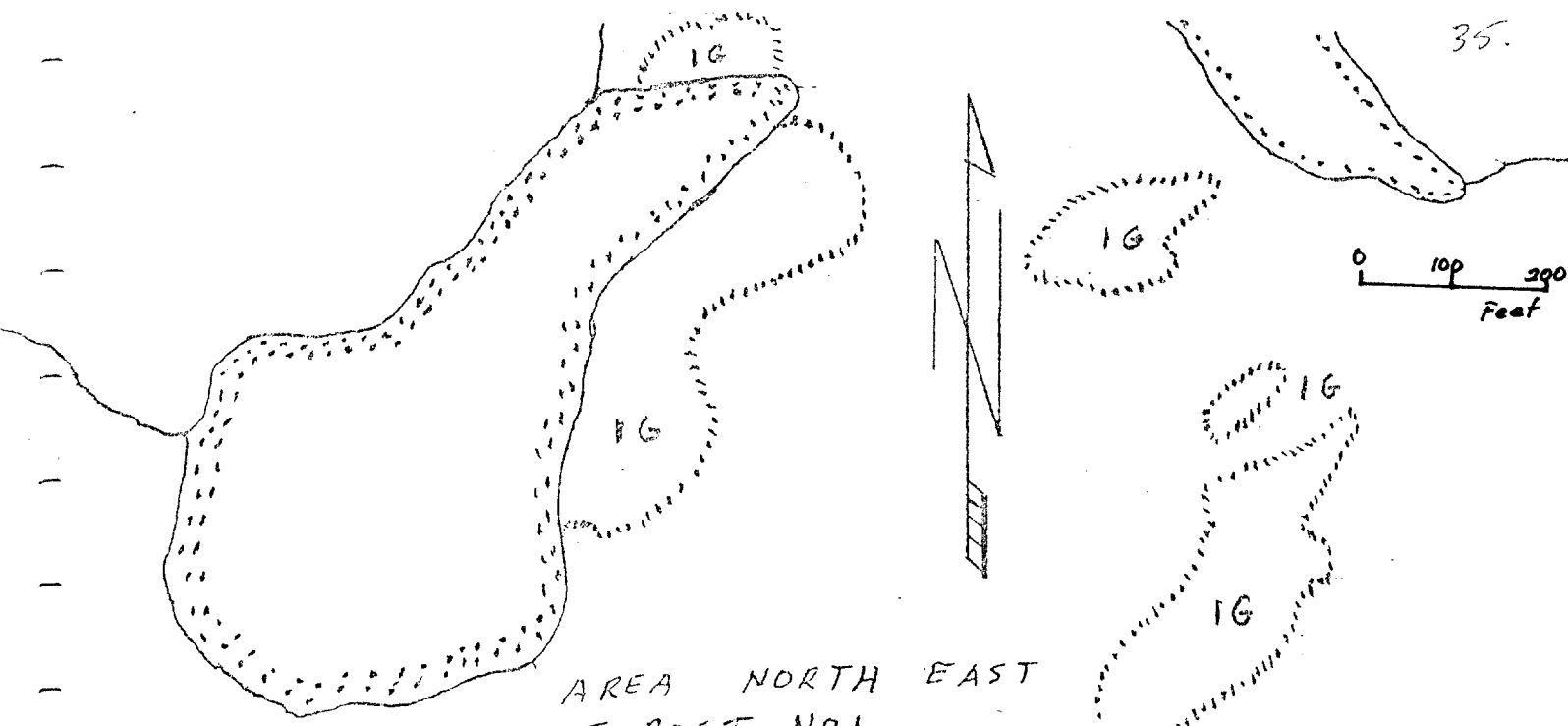


PLATE # 20

No SOUTH UNIT "B" No
 CLAIM 1195857 O/c
 O/c 2 UNITS.





AREA NORTH EAST
OF POST NO. 1
CLAIM 1195852
NORTH UNIT "A"

PLATE # 21

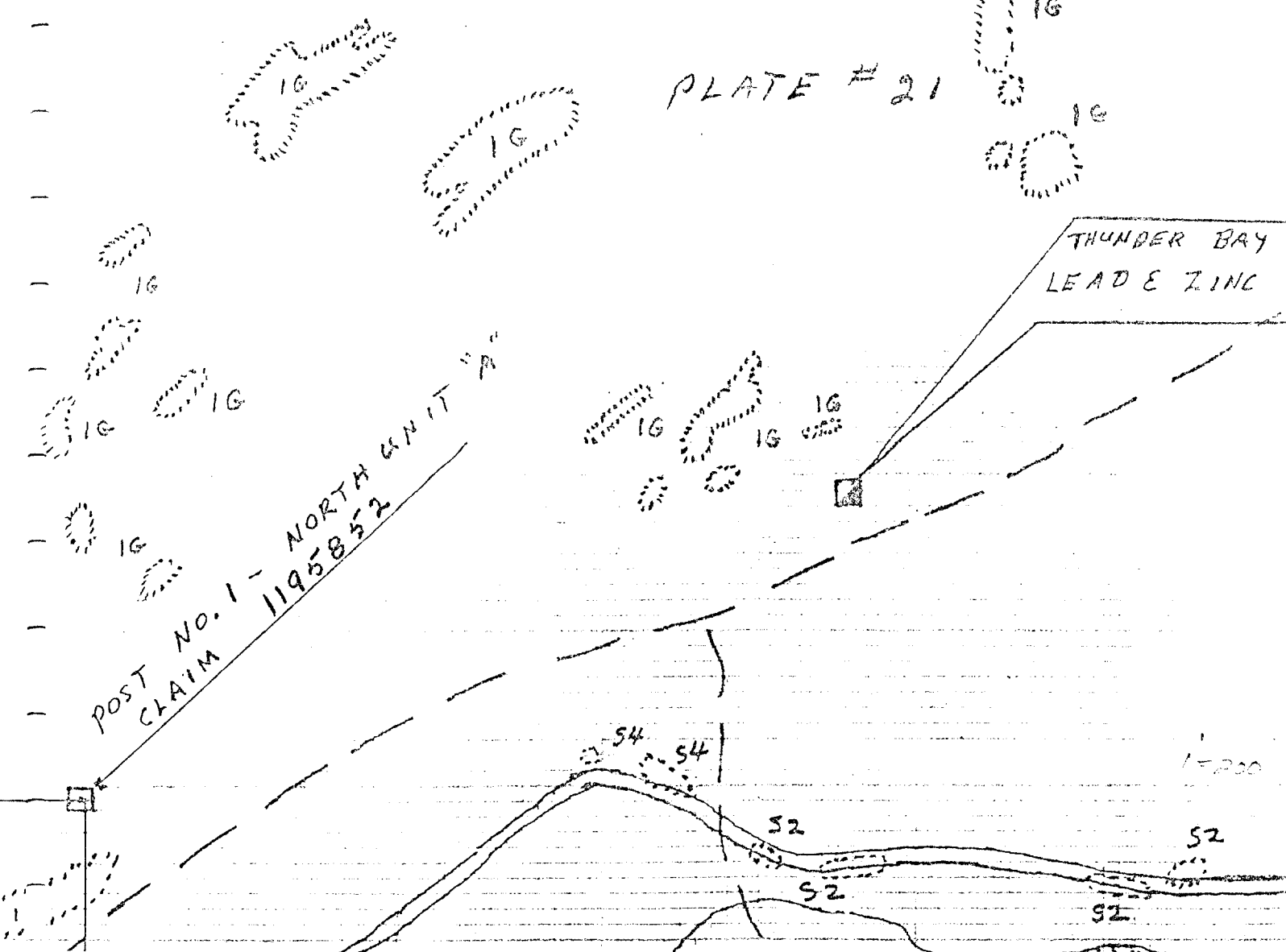
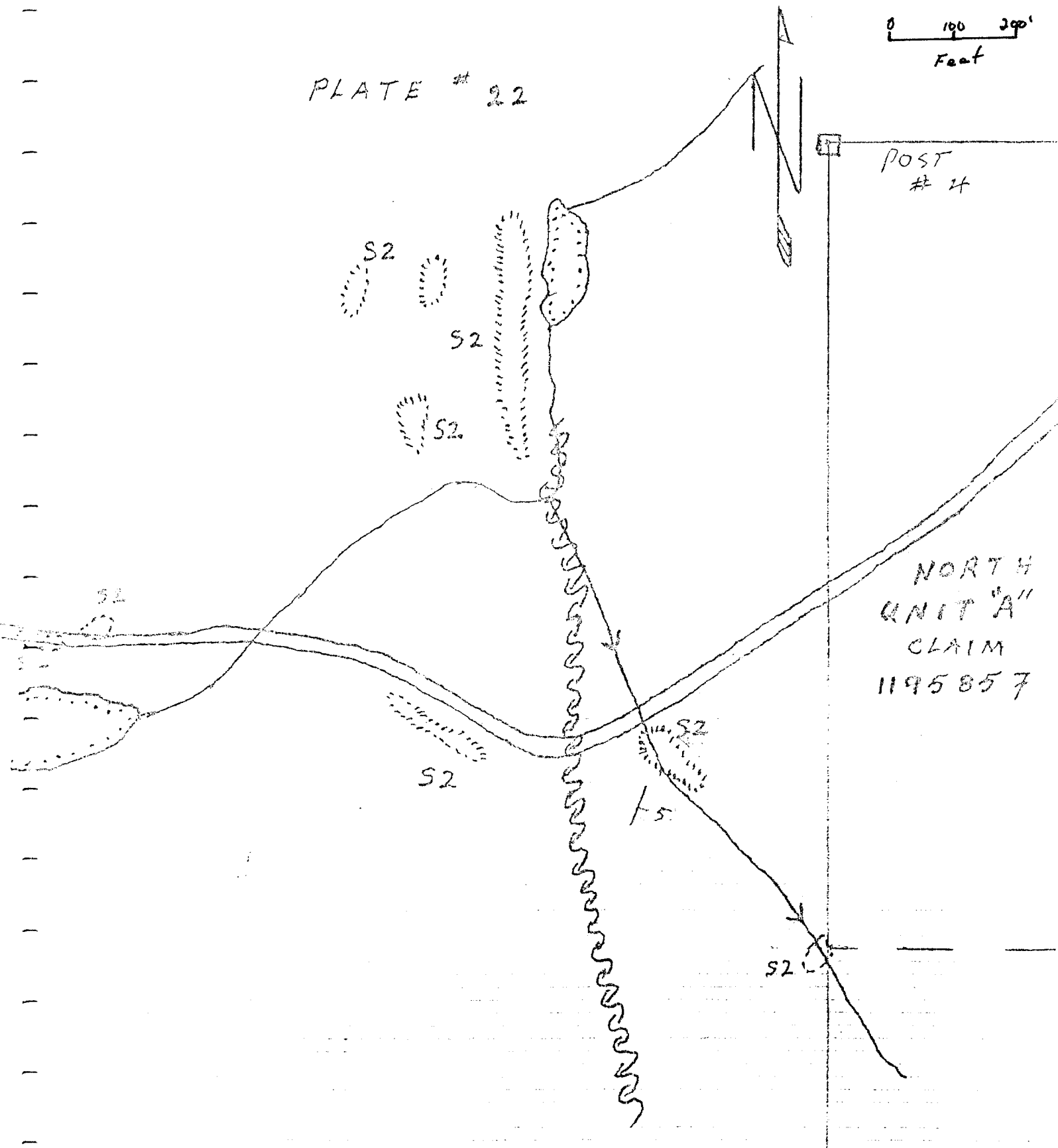


PLATE # 22

0 100 200'
Feet

POST
24

NORTH
UNIT "A"
CLAIM
1195857



APPENDIX 4

ALLOWANCES AND COSTS

Prospecting was carried out on the Dorion Property between May 30th, 1993 and August 22nd, 1993 for a total of 54 days.

Report preparation and compilation were carried out from August 24th, 1993 to September 3rd, 1993.

Claude Larouche from Ovalbay Geological Services Inc. examined the property on August 16th, 1993 and August 17th, 1993. A geology map was prepared by Ovalbay at Scale 1=2,500.

Assays were performed by Accurassay Laboratories in Thunder Bay, Ontario.

- Prospecting

54 days @ \$150.00/day \$ 8,100.00

- Travel

54 days @ 188 km/day = 10,152 km @ \$0.30/km \$ 3,045.60

- Report preparation

11 days @ \$150.00/day \$ 1,650.00

- Assays - Accurassay Laboratories \$ 656.71

- Ovalbay Geological Services Inc.

Mapping and drafting \$ 1,050.00

- Photocopies \$ 82.26

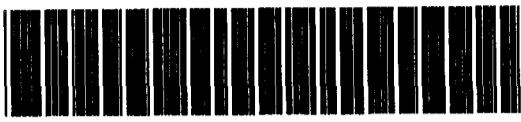
TOTAL: \$14,583.97

MINING LANDS

2.155 34

Personal information collected on this form is obtained from the reporting party. This information will be used for correspondence. Questions about this information should be directed to the Director, Mining Lands Branch, Ministry of Economic Development and Trade, Fourth Floor, 189 Cedar Street, Toronto, Ontario M5H 1S2, telephone (416) 325-7223.

- Refer to the Mining Act and Regulations and the Mining Reporter.
- A separate copy of this form must be submitted to the Mining Reporter.
- The Mining Reporter will issue a receipt for this form.
- A section covering the claims the work was performed on.



900

Recorded holder:
Client No. **3.705**
Telephone No. **313-344-8000**
Work Group No. **3**

Work Group	Type
Geological Survey	Prosp
Other Work	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Schedule of Claims: \$0.00
 Note: This unit may reject or suspend any portion of the assessment work submitted if the recorded holder cannot verify expenditures claimed within 60 days of a request for verification.

Company Name Performed Work: _____
 Name and Address of Author of Report: _____

RECEIVED
AUG 26 1994
MINING LANDS BRANCH

Declaration of Beneficial Interest * See Note 1 on the back of this form.
 I certify that at the time the work was performed, the claims covered in this report were recorded in the current holder's name or had been recorded by the current recorded holder.
 Recorded holder or Agent (Signature): *[Signature]*

Verification of Work Report
 I hereby declare a personal knowledge of the facts stated in this report and that the work was performed during and after the period of assessment.
 Name: _____
 Signature: _____

Amount Paid: **\$13,847**
 Date: **Oct 11 1994**
 Signature: *[Signature]*
 Date: **04 9 94 12 700 46.**



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

September 28, 1994

Our File: 2.15534
Transaction #: W9440.00190

Mining Recorder
Ministry of Northern Development
and Mines
435 James Street South
Suite B3000
Thunder Bay, Ontario
P7E 6E3

Dear Michael Weirmeir:

**RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS 1195852 ET AL. IN GLEN
AND DRION TOWNSHIP.**

The assessment credits for Prospecting, Section 9 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of **September 27, 1994.**

Please indicate this approval on the claim record sheets.

If you have any questions concerning this submission please contact Michael Charette at (705) 670-5856.

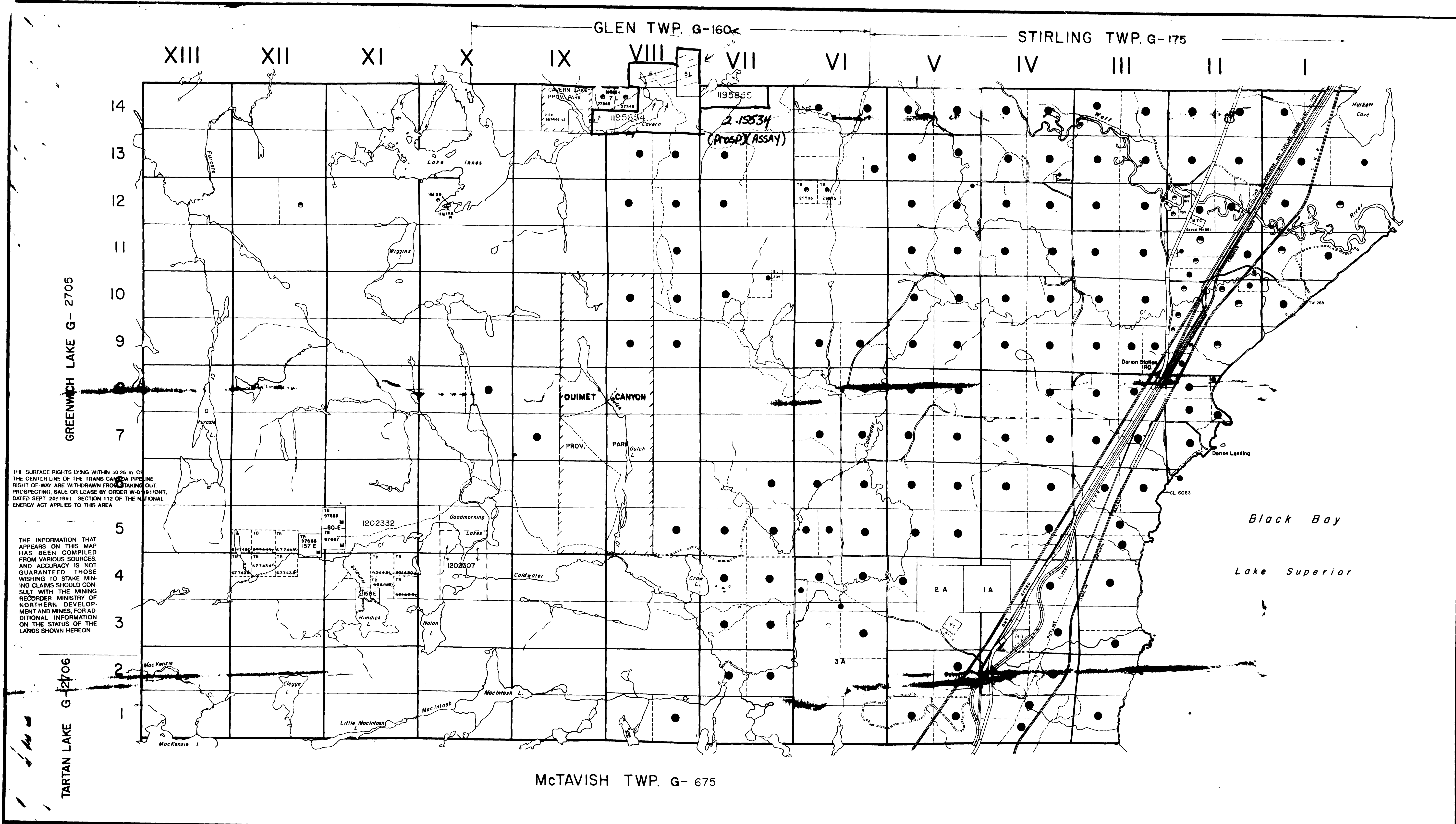
ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

MC/jl
Enclosures:

cc: Assessment Files Office
Sudbury, Ontario

Resident Geologist
Thunder Bay Ontario



AREAS WITHDRAWN FROM DISPOSITION
 SR. - SURFACE RIGHTS M.R. - MINING RIGHTS

Description	Order No.	Date	Disposition	File
Sec 36/80	WNCR/80	Jan 1/85	S & M R	
Sec 36/80	W-23/87/MCR	Feb 2/87	S R O	18853

LAND UNDER WATERS OF LAKE SUPERIOR WITHDRAWN FROM STAKING BY ORDER IN COUNCIL 17 FEB APRIL 30, 1913

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 MUSKIEG
- MINES
- TRANSVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	◐
LEASE SURFACE & MINING RIGHTS	◑
SURFACE RIGHTS ONLY	◒
MINING RIGHTS ONLY	◓
LICENCE OF OCCUPATION	◔
ORDER-IN-COUNCIL	◕
RESERVATION	◖
CANCELLED	◗
SAND & GRAVEL	◘
LAND USE RIGHTS FOR COMMERCIAL TOURISM/OUTPOST 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. 63 SUBSEC. 1

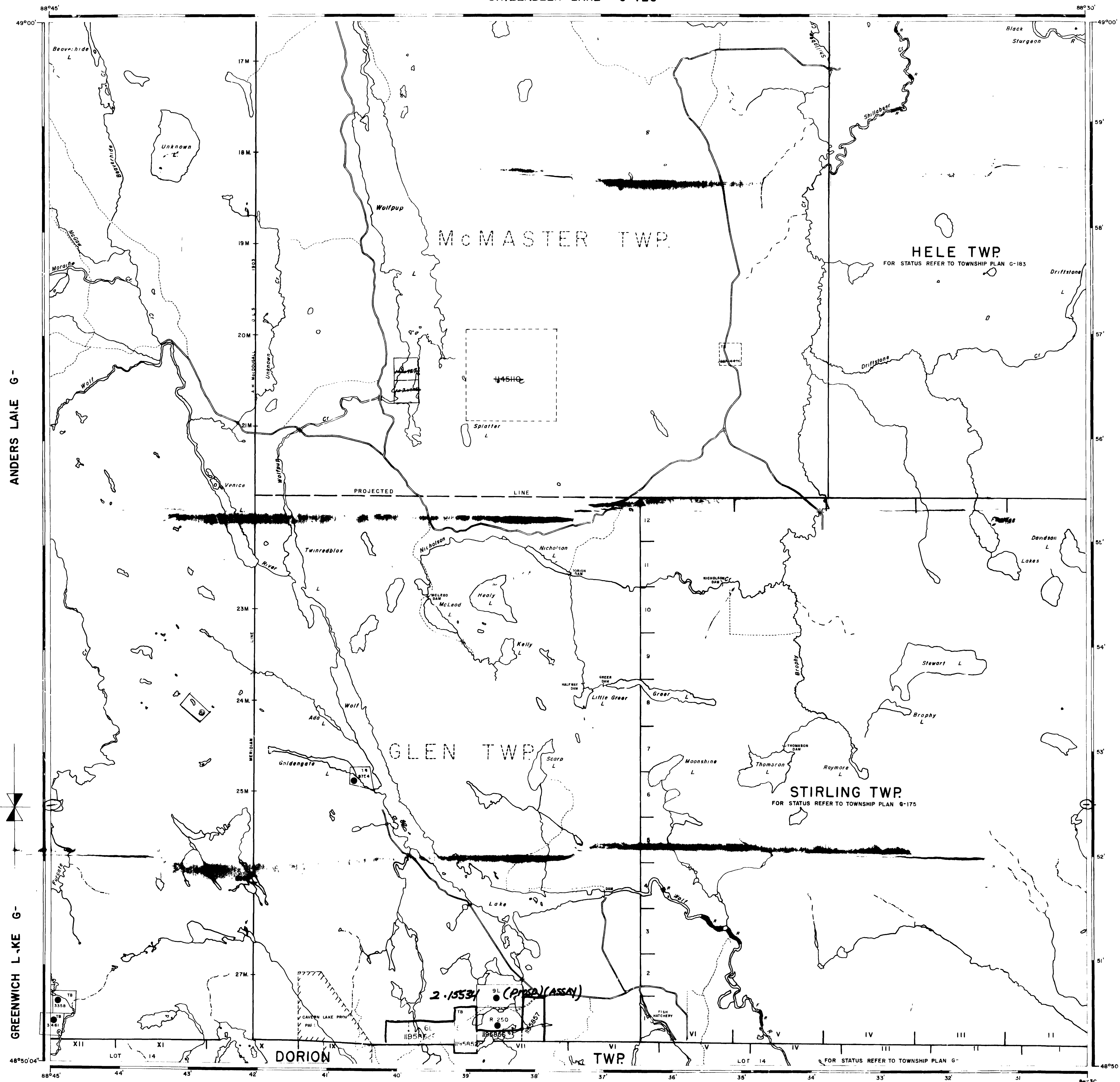
SCALE 1 INCH = 40 CHAINS

TOWNSHIP
DORION TWP.
 M.N.R. ADMINISTRATIVE DISTRICT
THUNDER BAY
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
 Ontario
 Land Management Branch

Date MARCH 1982
 Number **G-651**

SHILLABEER LAKE G-125



REFERENCES

AREAS WITHDRAWN FROM OPERATION				
S.R.	DESCRIPTION	ORDER NO.	DATE	FILE
SR	SURFACE RIGHTS			
M.R.	MINING RIGHTS			

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

LEGEND

HIGHWAY AND ROUTE NO.	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIP, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000

METRES 0 1100 2200 (2 KM)

AREA

WOLF LAKE

M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON THUNDER BAY
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources Land Management Branch

Ontario
March 4, 1987

Date: JUNE 1/1981 Number: **G-160**