

Diamond Drilling



42A11SE0100 10 HOYLE

010

Township of HOYLE

Report No: 10

Work performed by: BROULAN REEF MINES LIMITED

Claim No	Hole No	Footage	Date	Note
Patented ground (S $\frac{1}{2}$, Lot 9, Con. II)	1	154'	Feb/59	
	4	503'	Feb/59	
	5	500'	Mar/59	
	6	499'	Feb/59	
P 44700	2	154'	Feb/59	
	3	204'	Feb/59	
	7	537'	Mar/63	

Notes:

Hoyle

Twp.

File

P. 44700

HOYLE TOWNSHIP - DIAMOND DRILLING - FEBRUARY - MARCH - 1959

	<u>Total Length</u>	<u>Length in Patented Ground</u>	<u>Drilled in P.L. 700</u>
D.D.H. # 1	154'	154'	-----
D.D.H. # 2	154'	---	154'
D.D.H. # 3	204'	---	204'
D.D.H. # 4	503'	109'	394'
D.D.H. # 5	500'	212'	288'
D.D.H. # 6	<u>199'</u>	<u>199'</u>	---
TOTAL	2014'	974'	1040'

MINING ORDER

RECEIVED

APR 8 1959

**PORCUPINE
MINING DIVISION**

REGULATED WIRE MINES LIMITED
CLAIMS IN HOYLE TOWNSHIP - ONTARIO

D.D. Hole No. 1'

Location: Northwest $\frac{1}{2}$, South $\frac{1}{2}$ Lot 9 Concession II Hoyle township.
1060 feet east 190 feet south No. 3 Post Claim 44700.
Bearing: South 70 degrees West.
Dip: 45 degrees at collar, $4\frac{3}{4}$ degrees at 150 feet.
Purpose: Exploration 100 feet below quartz vein exposed in No. I
Trench.
Date: February 16th - 18th, 1959.
Length: 154 feet.
Log:
0'-14' Standpipe - 0'-4' above surface 4'-14' clay and sand.
14'-154' Lava, altered andesite, medium to light grey, fine
to medium grain, weakly sheared at 40 degree to direction
of hole, slightly carbonated.
Quartz: 39.5'-78' widely spaced $\frac{1}{2}$ " to $1\frac{1}{2}$ " quartz stringers.
78'-79.4'-1.5' - 50% quartz.
79.4'-152' A few widely spaced $\frac{1}{2}$ to $1\frac{1}{2}$ " quartz stringers.
115.9'-116.9'-1.0' - 50% quartz
154' End of hole.

D.D. Hole No. 2'

Location: South west $\frac{1}{2}$, North $\frac{1}{2}$ Lot 9 Concession II, Hoyle Township.
405 feet east 120 feet north of No. 3 Post Claim 44700.
Bearing: South 70 degrees West.
Dip: 45 degrees at collar, 44 degrees at 100 feet.
Purpose: Exploration below quartz vein exposed in Trench No. II.
Date: February 19th - 20th, 1959.
Length: 154 feet.
Log: 0'-9' 0'-4' above surface
Casing 4'-8' Sand and clay
8'-9' Drilled in bedrock lava.
9'-154' Lava, altered andesite, medium to light grey, fine to
medium grain, sheared at 35 degree to direction of hole, slightly
carbonated.
Quartz: Widely spaced narrow quartz stringers from 11 feet to
152 feet. A little scattered pyrite.
154' End of hole.

D.D. Hole No. 3'

Location: Southwest $\frac{1}{2}$, North $\frac{1}{2}$, Lot 9 Concession II, Hoyle Township.
385 feet east, 175 feet north of No. 3 Post Claim 44700.
Bearing: South 70 degrees west.
Dip: 45 degrees at collar.

Purpose:
Date:
Length:
Log:

45 degrees at 100 feet, 41 1/2 degrees at 200 feet.
Exploration below quartz vein exposed in Trench No. II.
February 21st - 22nd, 1959.
204 feet.
0'-22' Casing - 0-4' Above surface.
4'-12.5' Fine sand.
12.5'-20.5' Gravel.
20.5'-22' Drilled in rock.
22'-204' Lava, altered andesite, medium to light grey, fine to medium grain, weakly sheared, weakly carbonated.
Quartz: Widely spaced 1/2" to 2" quartz stringers from 32' to 200'.
78.5'-81.0'-2.5'-10 - 20% quartz 1 - 3% pyrite and some arsenopyrite.
204' End of hole.

D.E. Hole No. 4:

Location:
Bearing:
Dip:
Purpose:
Date:
Length:

Northwest 1/4, South 1/2, Lot 9, Concession II - Hoyle Township.
550 feet east, 80 feet south of No. 3 Post, Claim 44700.
North 20 degrees west.
45 degrees at collar, 38 degrees at 200 feet 30 degrees at 400 feet, 31 degrees at 500 feet.
Exploration in claim 44700 in vicinity of Trench No. II.
February 23rd - 26th, 1959.
503 feet.
0-8' Casing - 0-3' Above surface
3'-6' Fine sand and clay.
6'-8' Casing drilled in lava.
8'-503' Lava, altered andesite, medium to light grey, fine to medium grain, weakly sheared at 60 degrees to direction of hole, weakly carbonated, 294'-378' more highly carbonated and sheared.
Quartz: 1/2 to 500 feet widely spaced 1/2 to 2" quartz stringers, minor pyrite and tourmaline.
503' End of hole.

D.E. Hole No. 5:

Location:
Bearing:
Dip:
Purpose:
Date:
Length:

Northwest 1/4, South 1/2 Lot 9, Concession II - Hoyle Township.
360 feet east, 150 feet south of No. 3 Post Claim 44700.
North 20 degrees west.
45 degrees at collar, 42 degrees at 200', 35 1/2 degrees at 400 feet.
Exploration in vicinity of Trench No. II.
March 4th - 8th, 1959.
500 feet.

LOG:

0-8' Casing in clay and sand.
 8'-500' Lava, altered andesite, medium to light grey, medium to fine grain, sheared at 55 to 65 degrees to direction of hole.
Quartz: 17' to 152' widely spaced $\frac{1}{2}$ " to 7" quartz stringers with minor pyrite and traces of arsenopyrite.
 152.5'-155.0'-2.5' - 15% quartz.
 155'-168' widely spaced quartz stringers.
 170'-172.3'-2.3' - 15% quartz
 176'-183' widely spaced quartz stringers.
 444.5'-447'-2.5' - 15% quartz, minor pyrite.
 447'-452'-5.0'-60 - 70% quartz
 452'-455.5'-3.5'-2- 3% quartz.
 503' End of hole.

D.D. Hole No. 6:

Location:

Northwest $\frac{1}{4}$, South $\frac{1}{4}$, Lot 9, Concession 11 - Hoyle Township.
 420 feet east, 410 feet south of no. 3 Post, Claim 44700.

Bearing:

North 20 degrees west.

Dip:

45 degrees at collar 42 degrees at 200 feet, 33 $\frac{1}{2}$ degrees at 400 feet.

Purpose:

Exploration.

Date:

February 28th - March 2nd, 1959.

Length:

499 feet.

Log:

0-22' Casing in clay and sand.
 22'-499' Lava, altered andesite medium grey, fine to medium grain, sheared at 60 degrees to direction of hole, carbonated.
Quartz: Widely spaced quartz stringers and veins of which the following are the most important:-
 43.3'-85.3'-2.0' - 25% quartz.
 85.3'-88.8'-3.5' - 20% quartz.
 439'-442'-3.0' - 50% quartz.
 499' End of hole.

O. B. Bachman
 March 17, 1959

MINING & BORDER
RECEIVED
 APR 8 1959

PORCUPINE
 MINING DIVISION

Broulan Reef Mine Limited

Hoyle Township - Ontario

Log of Diamond Drill Hole No. 7:

Hole No. 7:

Location:

Claim 44700 which is the S.W. $\frac{1}{4}$ of N. $\frac{1}{2}$ Lot 9, Concession II, Hoyle Township. The hole is collared on the south boundary of claim 44700 at a distance of 305 feet east from No. 3 Post.

Bearing:

North 20 degrees west.

Dip:

At collar 35 degrees; at 200 feet - 29 $\frac{1}{2}$ degrees; at 400 feet 26 degrees.

Length:

537 feet.

Core Diameter:

AXT - 1-5/16 inches

Contractor:

Frank Baderski and Sons.

Date Drilled:

March 18-24, 1963.

Log:

0-16'

16-472'

Casing:

Andesite, medium grey, medium grain, hard compact, fractured
Quartz 18.4' - 61.6' (Minor $\frac{1}{8}$ " to $\frac{1}{4}$ " quartz stringers);
61.6' - 61.9' (100%); 62.5' - 62.9' (50%); 63.2' - 64.0'
(95%); 64.4' - 67.3' (90%); 70' - 74.3' (90%) banded with
chlorite, minor pyrite); 74.3' - 107.6' (Minor $\frac{1}{8}$ " to $\frac{1}{4}$ "
stringers); 107.6' - 108.2' (90%); 108.5' - 179' (Minor
stringers) 179.5' - 180.5' (10-15%); 184.6' - 256' (Minor
stringers); 256' - 257.6' (25%); 290.5' - 292' (20% with
minor pyrite); 257.6' - 290.5' (Minor $\frac{1}{8}$ " stringers); 292'
- 325' (Minor $\frac{1}{8}$ " to $\frac{1}{4}$ " stringers); 325' - 326.2' (90%);
328' - 331.9' (75% with minor pyrite and arsenopyrite);
333.4' - 338.2' (20-30% with rusty slips); 340.8' - 341.2'
(60%); 341.2' - 367' (minor $\frac{1}{8}$ " - $\frac{1}{4}$ " stringers); 376' - 376.2'
(30-50%); 382' - 388' (40-50% quartz, light grey bleached
with minor pyrite and arsenopyrite) 388' - 437' (Minor $\frac{1}{8}$ "
stringers); 437.2' - 437.6' (25-30%); 442.2' - 442.9'
(Quartz carbonate - minor pyrite); 443.7' - 472' (Minor $\frac{1}{8}$ "
to 1" stringers).

472' - 521.5'

Lava, light grey more siliceous - rhyolite? - fine grained -
Minor pyrite and quartz.

521.5' - 537'

Andesite, medium grey, medium volcanic grain, speckled with
carbonate specks, minor quartz.

537'

End of Hole.

O.L. Backman

O.L. Backman
c/o Broulan Reef Mine,
PAROUI, Ontario
March 28, 1963

CLAIM 44708

No. 4 POST

No. 1 POST

CLAIM No. 44700
S.W. 1/4, N. 1/2, LOT 9, CONC I
HOYLE TOWNSHIP

CLAIM 44707



No. 3 POST

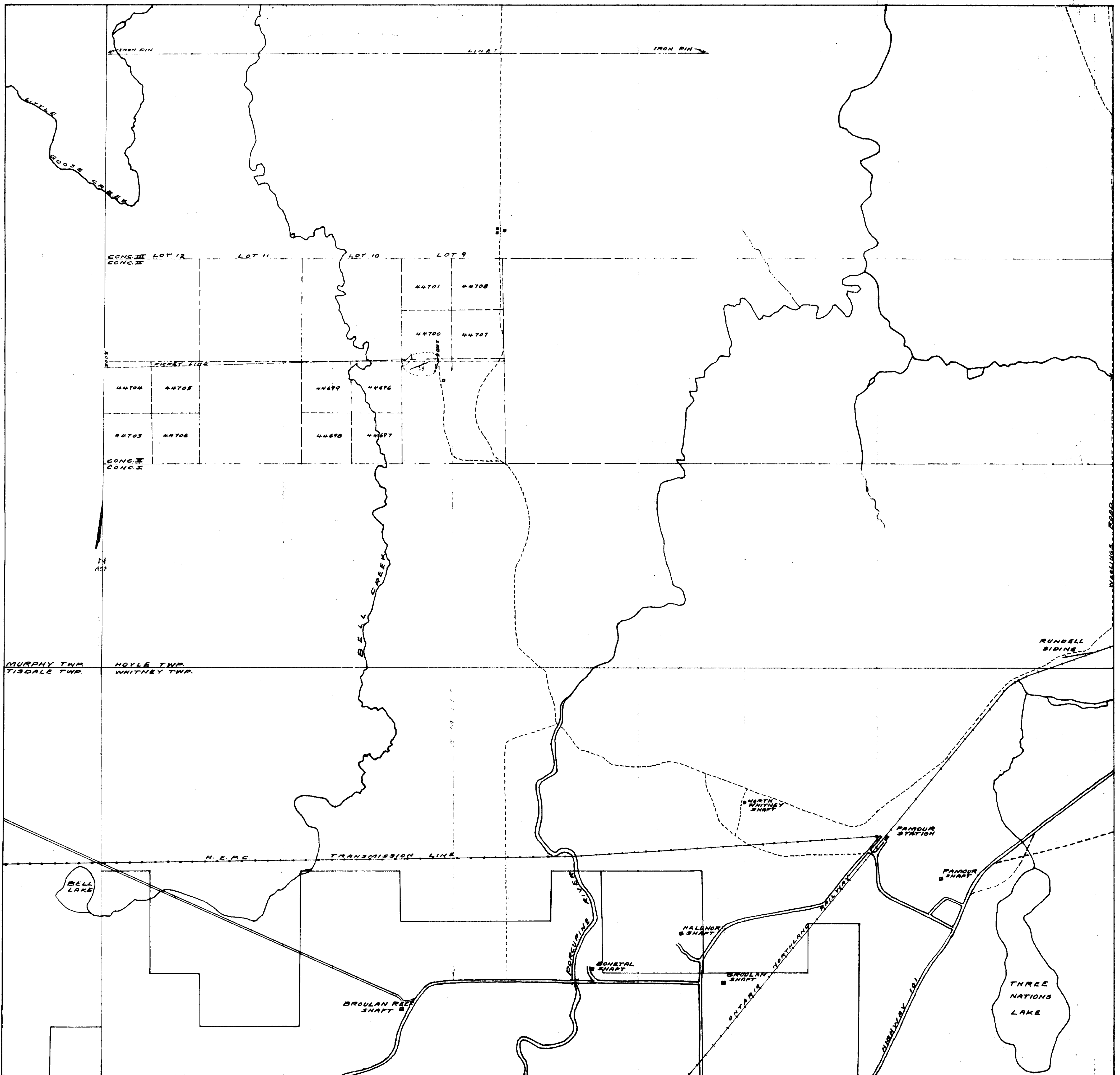
No. 7

No. 2 POST

506' Length 537'

CLAIM-44696

BROULAN REEF MINES LIMITED
PLAN SHOWING LOCATION OF
D.B. HOLE No. 7
Scale: 1" = 200'

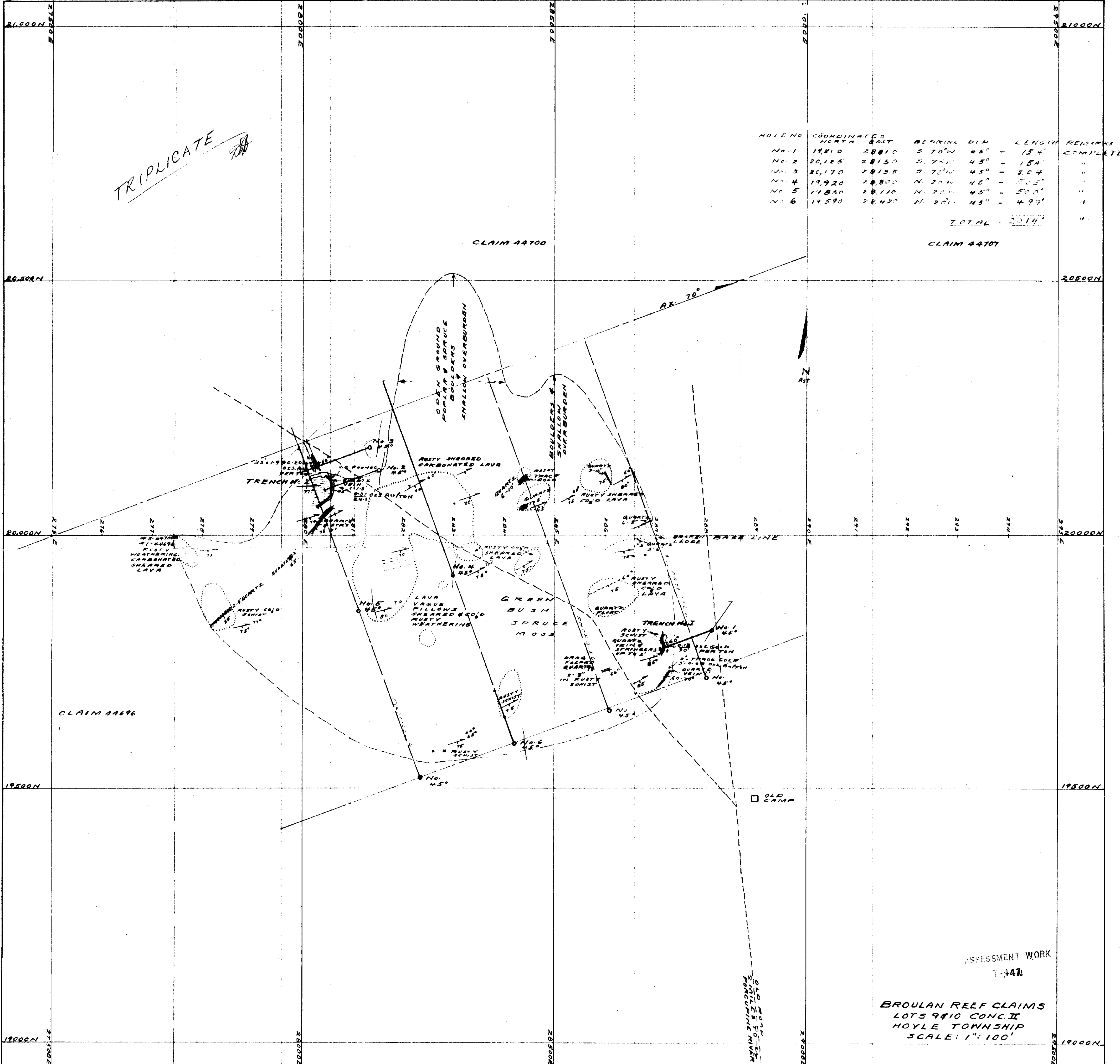


TRIPPLICATE

HOLE NO	COORDINATES NORTH EAST	BEARING	DIP	LENGTH	REMARKS
No. 1	19,810 28,810	S 70°W	45°	15'	COMPLETE
No. 2	20,125 28,150	S. 70°W	45°	15'	"
No. 3	20,170 28,135	S. 70°W	45°	20'	"
No. 4	19,920 28,300	N. 20°W	45°	50.0'	"
No. 5	19,850 28,110	N. 20°W	45°	50.0'	"
No. 6	19,590 28,420	N. 20°W	45°	49.9'	"
				TOTAL - 2014'	"

CLAIM 44700

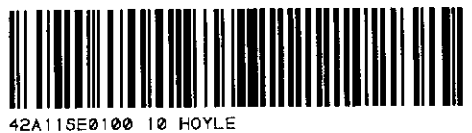
CLAIM 44707



CLAIM 44696

ASSESSMENT WORK
T-447

BROULAN REEF CLAIMS
LOTS 9410 CONC. II
HOYLE TOWNSHIP
SCALE: 1" = 100'



42A115E100 10 HOYLE