

**Stratigraphic Logs of Carbonate Rocks
of Western Newfoundland.
Based on Mineral Exploration Drill Hole Logs.**

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Stratigraphic Names Used

Carboniferous

Codroy Group

Big Cove Formation (Dix and James, 1989)

Cambrian-Ordovician

Humber Arm Group

Goose Tickle Group

Mainland Formation

Daniel's Harbour Member

Black Cove Formation

Table Head Group

Cape Cormorant Formation

Table Cove Formation

Table Point Formation

Springs Inlet Member

St. George Group

Aguathuna Formation

Port au Port unit*

Upper Member

Middle Member

Lower Member

Dark grey dolomite

Catoche Formation

Costa Bay Member

White Hills unit*

Catoche dolomite

Pine Tree unit*

Catoche limestone

Pigeon Head unit*

Boat Harbour Formation

Lower Cove unit*

Barbace Cove Member

Watts Bight Formation

Lower Cove unit*

Port au Port Group

Berry Head Formation

Petit Jardin Formation

March Point Formation

* After Besaw in DeGrace, 1974.

Legend

- Nfld. Master Number** — Number given in Catalogue of Core Sample Holdings - compiled by A. Harris and S. Cochrane (1993). Newfoundland Department of Mines and Energy, Mineral Resources Management Branch, Mineral Lands Division. Catalogue number includes map sheet number and hole number; eg., 12B/11 1. UTM co-ordinates are listed in catalogue. Some drill hole data is given for drill holes in map areas 12I/4, 12I/5, 12I/6 and 12B/11 where no drill core is now available. No master number is provided and only map area is listed. Location maps are also available.
- Hole Number** — Number used by mineral exploration company; eg., 7594H-8. Angle of hole may be provided or dip of beds in hole given. If not, strata is assumed to be horizontal and hole vertical.
- Unit Thickness** — Calculated from drill hole log, corrected for hole inclination or dip of beds where appropriate. Corrected thickness is denoted by a superscript m^c.
- Unit Name** — 1st name is stratigraphic terminology presently employed in western Newfoundland. It is based on Knight and James (1988), Stenzel et al. (1990), James et al. (1989), Williams and Cawood (1989), Dix and James (1989). 2nd or 3rd name is informal name given to that unit on Port au Port Peninsula by Besaw (1974) in DeGrace (1974). Nomenclature for Aguathuna Formation is that used in vicinity of Newfoundland Zinc Mines, Daniel's Harbour (map areas 12I/4, 12I/5 and 12I/6, 12I/14) by Teck Exploration Company.
- Unit Description** — Summarized from drill hole logs. Description may vary in detail depending upon original log description. In some cases, no log was made, but formation contacts are defined in the hole log; eg., 12I/6 79, Hole 1553.

General References

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Stenzel S.R., Knight I., and James N.P., 1990. Carbonate platform to foreland basin: revised stratigraphy of the Table Head Group (Middle Ordovician), western Newfoundland Canadian Journal of Earth Sciences, v. 27, p. 14-26.

Williams H., and Cawood, P.A., 1989. Geology, Humber Arm Allochthon, Newfoundland. Geological Survey of Canada map 1678A. scale 1:250,000.

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Nfld. File No. 12B/211.

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Nfld. File No. 12B/196.

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British Newfoundland Exploration Ltd.; 1973. LeHigh Cement Project, Port au Port Peninsula, Diamond Drilling.

Nfld. File No. 12B/139.

Canadian Refractories Ltd.; 1970. Diamond Drilling for Limestone in the Aguathuna area; Unpublished Report; with Drill Logs by C. Fong.

Nfld. File No. 12B/148.

Degrace, J.R.; 1972. Limestone, Evaluation Project, 4-1, Diamond Drilling Project at Aguathuna. DREE Program, Unpublished Report, Newfoundland Department of Mines and Energy.

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Nfld. File No. 12B/227.

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Saunders, P.D.; 1990 for J. Tuach Geological Consultants. Report on Diamond Drilling of the Port au Port Limestone Deposit, Western Newfoundland NTS 12B/11, License 3971 for Western Canadian Mining Corporation.

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Westminer Canada Ltd.; 1992. Drill Hole Logs for RND-001 and RND-002 Holes, Port au Port Peninsula.



NTS Areas 12I/4, 12I/5, 12I/6, 12I/11

Nfld. File No. 12I/201.

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Nfld. File No. 12I/73.

Newfoundland Zinc Mines Limited; 1973. Summary of Diamond Drill Holes Drilled from February 9 to July 10, 1973, in the Daniel's Harbour Area, Newfoundland. **By: Hartlein, A.J.**

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Nfld. File No. 12I/156.

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STRATIGRAPHY OF DRILL HOLES

NFLD. MASTER NUMBER 12B/10 1		HOLE NUMBER CDH - 1		Inclination of hole 80°
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION		
3 - 43' (11.9 m)	Costa Bay Member / White Hills unit	Creamy stylolitic limestone.		
43 - 202' (47.3 m)	Catoche dolomite / Pine Tree unit	Sucrosic dolomite.		
NFLD. MASTER NUMBER 12B/10 2		HOLE NUMBER CDH - 2		Inclination of hole 80°
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION		
2 - 124' (36.6 m)	Catoche dolomite / Pine Tree unit	Dolomite, sucrosic; possible mound dolomite.		
124 - 128' (1.2 m)	Catoche limestone / Pigeon Head unit	Limestone.		
128 - 168' (12.0 m)	Catoche Formation / Pigeon Head unit	Dolomite, dark grey; possibly dolomitized burrowed facies.		
168 - 203' (10.5 m)	Catoche Formation / Pigeon Head unit	Dolomitic grey limestone.		
NFLD. MASTER NUMBER 12B/10 3		HOLE NUMBER CDH - 3		Inclination of hole 80°
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION		
10 - 21' (3.3 m)	Catoche limestone / Pigeon Head unit	Dolomite and limestone interbedded.		
21 - 185' (48.8 m)	Catoche limestone / Pigeon Head unit	Dolomitic limestone.		
185 - 190' (1.5 m)	Catoche limestone / Pigeon Head unit	Stylolitic buff grey limestone, fine grained; Trilobite tail at 105 - 110'.		
190 - 240' (7.2 m)	Boat Harbour Formation / Lower Cove unit	Interbedded limestone and dolostone, poor description.		

NFLD. MASTER
NUMBER
12B/10 4

HOLE NUMBER
CDH - 4

Inclination of hole 80°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 200' (57.7 m)	Catoche limestone? / Lower Cove? / Pigeon Head unit	Dolomitic limestone; all Catoche limestone? / Pigeon Head, but this seems improbable, unless structural reason, poor description.

NFLD. MASTER
NUMBER
12B/10 5

HOLE NUMBER
CDH - 5

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 80' (23.1 m)	Catoche limestone / Pigeon Head unit	Dolomitic limestone; probably Pigeon Head / Catoche limestone, but still suspect as no detailed description.
80 - 201' (65.21 m)	Boat Harbour Formation	Chert, algae and oolite beds in lower 13 m.

NFLD. MASTER
NUMBER
12B/10 6

HOLE NUMBER
CDH - 6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 115' (33.6 m)	Boat Harbour Formation / Lower Cove unit	Interbedded limestone and dolomite; chert locally.
115 - 161' (7.8 m)	Boat Harbour Formation / Lower Cove unit	Interbedded fine limestone and medium grained dolostone.

NFLD. MASTER
NUMBER
12B/10 7

HOLE NUMBER
CDH - 7

Inclination of hole 80°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 245' (70.8 m)	Boat Harbour Formation / Lower Cove unit?	Limestone and dolostone: chert at 20' and 40' and at 240'.

NFLD. MASTER
NUMBER
12B/10 8

HOLE NUMBER
CDH - 8

Inclination of hole 80°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 200' (57.2 m)	Boat Harbour Formation / Lower Cove unit?	Interbedded limestone and dolostone: Chert at 103', 131', 186'; oolites at 92' and 120'.

NFLD. MASTER
NUMBER
12B/10 9

HOLE NUMBER
CDH - 9

Inclination of hole 80°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 24' (6.6 m)	Boat Harbour Formation / Lower Cove Formation	Limestone, minor dolostone.
24 - 106' (24.6 m)	Boat Harbour Formation / Lower Cove Formation	Grey dolomite, minor limestone; chert at 69', 92' and 97'.
106 - 115' (2.7 m)	Watts Bight Formation / Lower Cove Formation	Dolomitic limestone.
115 - 170' (16.5 m)	Watts Bight Formation / Lower Cove Formation	Dolomite.
170 - 200' (9.0 m)	Watts Bight Formation / Lower Cove Formation	Interbedded limestone and dolostone.

NFLD. MASTER
NUMBER
12B/10 10

HOLE NUMBER
CDH - 10

Inclination of hole 80°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 39' (9.3 m)	Watts Bight Formation / Lower Cove	Dolomite only.
39 - 72' (9.3 m)	Watts Bight Formation / Lower Cove	Interbedded limestone and dolomite.
72 - 105' (9.9 m)	Watts Bight Formation / Lower Cove	Dolomite; chert at 80', 85', 100', 105'.
105 - 270' (49.5 m)	Watts Bight Formation / Lower Cove	Dolomitic limestone.
270 - 283' (3.9 m)	Watts Bight Formation / Lower Cove	Dolomite + chert nodules at 275'.

283 - 324'	(12.3 m)	Watts Bight Formation / Lower Cove	Limestone, minor dololaminite.
324 - 425'	(30.3 m)	Possibly Berry Head Formation / Port au Port group	Interbedded limestone and dolostone; fine grained chert at 373'.

NFLD. MASTER
NUMBER
12B/10 11

HOLE NUMBER
CDH - 16

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
5 - 85'	(24 m)	Costa Bay Member / White Hills unit	White limestone.
85 - 250'	(49.5 m)	Catoche dolomite / Pine Tree unit	Sucrosic dolomite.

NFLD. MASTER
NUMBER
12B/10 12

HOLE NUMBER
CDH - 17

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
5 - 50'	(13.7 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone and shale.
50 - 137'	(26.5 m)	Costa Bay Member / White Hills unit	White limestone.
137 - 195'	(17.4 m)	Catoche dolomite / Pine Tree unit	Sucrosic dolomite.

NFLD. MASTER
NUMBER
12B/10 13

HOLE NUMBER
CDH - 18

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
2 - 295'	(87.9 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone and shale.

NFLD. MASTER
NUMBER
12B/10 14

HOLE NUMBER
4 - 1 - 3

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 18' (4.3 m)	Aguathuna Formation	Dolostone.
18 - 103' (25.5 m)	Costa Bay Member	Light grey to creamy limestone.

NFLD. MASTER
NUMBER
12B/10 15

HOLE NUMBER
4 - 1 - 5

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 85' (24.3 m)	Costa Bay Member / White Hills unit	Off-white limestone, base and top dolomitized.

NFLD. MASTER
NUMBER
12B/10 16

HOLE NUMBER
4 - 1 - 6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1 - 111' (33 m)	Costa Bay Member only	Off-white peloidal limestone.

NFLD. MASTER
NUMBER
12B/10 17

HOLE NUMBER
4 - 1 - 7

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 135' (40.5 m)	Aguathuna Formation	Dololaminite, shale.
135 - 203' (20.4 m)	Costa Bay Member	White limestone.

NFLD. MASTER
NUMBER
12B/10 18

HOLE NUMBER
4 - 1 - 8

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 201' (63.7 m)	Aguathuna Formation	Dolostone, minor limestone and shales, base may include 10' of dolomitized Costa Bay.

NFLD. MASTER
NUMBER
12B/10 19

HOLE NUMBER
4 - 1 - 10

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 78' (23.4 m)	Costa Bay Member / White Hills unit	Off-white limestone.
78 - 87' (2.7 m)	Catoche dolomite	Dolostone + limestone, <u>bituminous</u> .

NFLD. MASTER
NUMBER
12B/10 20

HOLE NUMBER
4 - 1 - 18

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 92' (27.1 m)	Costa Bay Member / White Hills unit	Limestone.
92 - 101' (1.2 m)	Costa Bay Member	Dolomite: De Grace says dolarenite; possibly base of Costa Bay?

NFLD. MASTER
NUMBER
12B/10 21

HOLE NUMBER
4 - 1 - 19

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1 - 99' (29 m)	Costa Bay Member	Limestone and dolomitized interbeds near top, mostly limestone in lower half.
99 - 108' (2.6 m)	Catoche dolomite	Dolomite - suggested by De Grace as dolarenite.

NFLD. MASTER
NUMBER
12B/10 22

HOLE NUMBER
4 - 1 - 20

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 46' (13.2 m)	Aguathuna Formation / Costa Bay Member	Interbedded dolomite and limestone.
46 - 104' (17.4 m)	Costa Bay Member	Mostly white limestone.
104 - 113' (2.7 m)	Costa Bay Member	Dolomite and limestone, patches of dolarenite and calcilutite.

NFLD. MASTER
NUMBER
12B/10 23

HOLE NUMBER
4 - 1 - 21

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 64' (17.7 m)	Costa Bay Member	Limestone and dolarenite - suggests partly dolomitized.
64 - 114' (15.0 m)	Costa Bay Member	Limestone.
114 - 116' (1.2 m)	Catoche dolomite / Pine Tree unit	Thick dolarenite.

NFLD. MASTER
NUMBER
12B/10 24

HOLE NUMBER
4 - 1 - 22

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 23' (6.0 m)	Costa Bay Member	Limestone and dolarenite; partially dolomitized.
23 - 117' (28.2 m)	Costa Bay Member	Limestone, minor dolarenite.
117 - 119' (0.6 m)	Catoche dolomite?	Dolarenite.

NFLD. MASTER
NUMBER
12B/10 25

HOLE NUMBER
4 - 1 - 23

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 25' (5.7 m)	Costa Bay Member	Dolarenite - limestone; partially dolomitized.
25 - 122' (27.82 m)	Costa Bay Member	Off-white limestone.

NFLD. MASTER
NUMBER
12B/10 27

HOLE NUMBER
75 - 1

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
48 - 332' (85.2 m)	Codroy Group / Big Cove Formation	Limestone conglomerate; minor grey shale - Carboniferous?
332 - 345' (3.9 m)	Table Point Formation	Grey limestone, fenestral.
345 - 355' (3.0 m)	Aguathuna Formation	Burrowed dolostone.

NFLD. MASTER
NUMBER
12B/10 28

HOLE NUMBER
75 - 3

Inclination of hole 70°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
11 - 244' (34.5 m)	Codroy Group / Big Cove Formation	Carboniferous; limestone conglomerate, fossiliferous limestone.
244 - 260' (4.5 m)	Table Point Formation	Light grey limestone.
260 - 411' (44.7 m)	Aguathuna Formation	Dolostone, limestone, shaly new base.

NFLD. MASTER
NUMBER
12B/10 29

HOLE NUMBER
75 - 4

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
65 - 393' (97 m)	Humber Arm Group / Mainland Formation	Grey shale, + some greywacke - possibly Humber Arm down into Mainland.

NFLD. MASTER
NUMBER
12B/10 30

HOLE NUMBER
75 - 5

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
23 - 44' (6.3 m)	Codroy Group / Big Cove Member	Carboniferous - limestone conglomerate.
44 - 213' (49.6 m)	Humber Arm Group / Mainland Formation	Grey shales + some greywacke: top is red underneath carboniferous unconformity.
213 - 241' (8.4 m)	Table Point Formation	Grainstone and nodular grey limestone.
241 - 324' (24.3 m)	Aguathuna Formation	Dolostone and fine grained limestone.

NFLD. MASTER
NUMBER
12B/10 31

HOLE NUMBER
75 - 6

Inclination of hole 70°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
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6 - 44'	(11.4 m)	Carboniferous / Karsted Table Point Formation	Grey limestone plus conglomerate and cavity fills and speleo-thems; possible basal conglomerate: the thickness of the Aguathuna suggests it may be eroded significantly by Carboniferous.
44 - 205'	(48.3 m)	Aguathuna Formation	Dolostone, limestone, shale.
205 - 262'	(17.1 m)	Costa Bay Member	Off-white limestone.

NFLD. MASTER NUMBER
12B/10 32

HOLE NUMBER
75 - 7

Inclination of hole 70°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
46 - 105'	(16.6 m°)	Codroy Group / Big Cove Formation	Carboniferous conglomerate.
105 - 350'	(72.3 m°)	Aguathuna Formation	Dolostone, minor limestone and shale.

NFLD. MASTER NUMBER
12B/10 33

HOLE NUMBER
75 - 8

Inclination of hole 70°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
17 - 54'	(3.7 m)	Codroy Group / Big Cove Formation	Fossiliferous limestone and conglomerate.
54 - 345'	(86.2 m°)	Aguathuna Formation	Dolostone, limestone, shale, porous dolostones.
345 - 367'	(6.6 m)	Costa Bay Member	Off-white limestone.

NFLD. MASTER NUMBER
12B/10 34

HOLE NUMBER
WK - 75 - 1 (Table Mountain)

Inclination of hole 70°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
2 - 198'	(58.8 m)	Aguathuna Formation / Table Point Formation; undifferentiated	Dolostone and limestone, <u>some bituminous</u> , fossiliferous limestone from 2 - 21' that could be basal Table Point Formation.

NFLD. MASTER
NUMBER
12B/10 35

HOLE NUMBER
WK - 75 - 2

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 43' (10.8 m)	Catoche dolomite	Limestone and dolostone; mounds, dolostone is medium to coarse crystalline; <u>some oil stain</u> .
43 - 138' (28.5 m)	Catoche limestone	Burrowed and grainy, grey limestone, some mounds.

NFLD. MASTER
NUMBER
12B/10 36

HOLE NUMBER
WK - 75 - 3

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 100' (29 m)	unit unknown, possibly Catoche Formation	Interbedded limestone and dolostone: mounds, grainstones, <u>petroliferous stain</u> , porosity.

NFLD. MASTER
NUMBER
12B/10 37

HOLE NUMBER
WK - 75 - 4

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 5' (1.48 m)	Aguathuna Formation?	Limestone.
5 - 55' (14.8 m)	Aguathuna Formation?	Dolostone, faulted?, brecciated, mottled.
55 - 100' (13.3 m)	Aguathuna Formation?	Cut by a fault zone. Interbedded dolostone and limestone, vuggy.

NFLD. MASTER
NUMBER
12B/10 39

HOLE NUMBER
LC - 90 - 2

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
46.2 m	Catoche Dolomite / Pine Tree unit	Vuggy dolostone, cherty in lower part.

NFLD. MASTER
NUMBER
12B/10 41

HOLE NUMBER
LC - 90 - 7

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
54 m	Catoche Dolomite / Pine Tree unit	Sucrosic mottled dolomite.

NFLD. MASTER
NUMBER
12B/10 42

HOLE NUMBER
LC - 90 - 8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7.8 m	Costa Bay Member / White Hills unit	White limestone.
57.7 m	Catoche Dolomite / Pine Tree unit	Sucrosic mottled dolostone.
0.3 m	Catoche limestone / Pigeon Head unit	Grey limestone.

NFLD. MASTER
NUMBER
12B/10 43

HOLE NUMBER
LC - 90 - 9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8.8 m	Costa Bay Member / White Hills unit	White limestone.
68.6 m	Catoche Dolomite / Pine Tree unit	Sucrosic dolomite.
1.4 m	Catoche limestone / Pigeon Head unit	Grey limestone.

NFLD. MASTER
NUMBER
12B/10 44

HOLE NUMBER
LC - 90 - 10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3.1 m	Costa Bay Member / White Hills	White limestone.
56.6 m	Catoche Dolomite / Pine Tree unit	Sucrosic dolomite.
0.2 m	Catoche limestone / Pigeon Head unit	Grey limestone.

NFLD. MASTER
NUMBER
12B/10 45

HOLE NUMBER
LC - 90 - 11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4.0 m	Costa Bay Member / White Hills unit	White limestone.
54.3 m	Catoche Dolomite / Pine Tree unit	Sucrosic dolomite.
1.2 m	Catoche limestone / Pigeon Head unit	Grey limestone.

NFLD. MASTER
NUMBER
12B/10 49

HOLE NUMBER
LC - 90 - 5

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
64.4 m	Catoche Dolomite / Pine Tree unit	Sucrosic mottled dolomite.

NFLD. MASTER
NUMBER
12B/11 1

HOLE NUMBER
1 - 73

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 100' (30 m)	Catoche / Pigeon Head unit	Bioturbated grey lime mudstone, chert at 19' & 42', minor laminated units. On log these are called Pigeon Head Formation. A few beds described with fossil debris including crinoids, bivalves, probably trilobites and gastropods. This suggests base of Catoche Formation.
100 - 254' (47.1 m)	Boat Harbour Formation	Interbedded bioturbated muddy limestone and laminated limestone. Several grainstones of intraclasts, fossils, some oolites (133' - 136') in the upper 40'.

NFLD. MASTER
NUMBER
12B/11 2

HOLE NUMBER
2 - 73

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 120' (32.4 m of dol.)	Catoche dolomite / Pine Tree unit	Vuggy, mottled sucrosic dolostone; porous, clayfilled caves at top; collapse breccias at 50', chert from 67' - 102'; several green clay layers last 30'.
120 - 142' (6.6 m)	Catoche limestone / Pigeon Head unit	Mostly bioturbated, fossiliferous limestone, some sucrosic dolomite beds.
142 - 274' (46.2 m)	Catoche limestone / Pigeon Head unit	Similar limestone, includes some intraclastic-skeletal rudstones and grainstones.
274 - 353' (23.7 m)	Catoche limestone / Pigeon Head unit	Burrow mottled limestone, dominantly muddy, a few gastropods and possible oncolites. Suggest facies change in Catoche.

NFLD. MASTER
NUMBER
12B/11 3

HOLE NUMBER
73 - 3

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 60' (16.2 m)	Aguathuna Formation / Port au Port unit	Interbedded dolomitic limestone and dolostone - grey to whitish.
60 - 79' (5.7 m)	Aguathuna Formation / Port au Port unit	White limestone with green clays, dolomite in lower part with burrows.

79 - 93'	(4.2 m)	Aguathuna Formation / Port au Port unit	Medium grey mudstones - possible dark grey dolomite.
93 - 204'	(32.4 m)	Costa Bay Member / White Hills unit	White limestone.
204 - 352'	(45.6 m)	Catoche dolomite / Pine Tree unit	Vuggy, sucrosic.

NFLD. MASTER
NUMBER
12B/11 4

HOLE NUMBER
73 - 4

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
2 - 87'	(25.5 m)	Aguathuna Formation / Port au Port unit	Interbedded limestone and dolostone, some stromatolite, chert; 76-87' dark grey dolomite.
87 - 201'	(34.2 m)	Costa Bay Member / White Hills unit	Mostly core, but remains of light grey to off-white limestones.
201 - 291'	(27.0 m)	Catoche dolomite / Pine Tree unit	Vuggy, sucrosic, light grey dolostone, burrowed. Possible fenestral porosity. Costa Bay Member for top 3 m.

NFLD. MASTER
NUMBER
12B/11 5

HOLE NUMBER
73 - 5

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
0 - 42'	(12.6 m)	Costa Bay Member / White Hills unit	Off-white peloidal limestone, mudstone and green clays.
42 - 52'	(3 m)	Costa Bay Member	Light grey - dolomitized.
52 - 138'	(25.8 m)	Catoche dolomite / Pine Tree unit	Tan grey - grey mottled, sucrosic, vuggy dolostone.
138 - 200'	(18.6 m)	Catoche dolomite / Pine Tree unit	Cherty, <u>bituminous-stained locally</u> , mottled, vuggy, sucrosic dolostones.

NFLD. MASTER
NUMBER
12B/11 6

HOLE NUMBER
73 - 6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 14' (4.2 m)	Costa Bay Member / White Hills unit	Light grey limestone.
14 - 68' (16.2 m)	Catoche dolomite / Pine Tree unit	Vuggy sucrosic dolostone.

NFLD. MASTER
NUMBER
12B/11 7

HOLE NUMBER
73 - 7

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 201' (60.3 m)	Aguathuna Formation / Port au Port unit	Interbedded limestone and dolostone, green shales some black shale partings; 179 - 192' possibly dark grey dolomite equivalent.
201 - 320' (35.7 m)	Costa Bay Member / White Hills unit	Off-white limestone.
320 - 350' (9.0 m)	Catoche dolomite / Pine Tree unit	Grey, vuggy, sucrosic dolostones.

NFLD. MASTER
NUMBER
12B/11 8

HOLE NUMBER
73 - 8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 60' (18 m)	Costa Bay Member / White Hills unit	Off-white limestone.
60 - 64' (1.2 m)	Catoche dolomite / Pine Tree unit	

NFLD. MASTER
NUMBER
12B/11 9

HOLE NUMBER
73 - 9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 56' (16.8 m)	Costa Bay Member / White Hills unit	Off-white limestone.
56 - 77' (3.3 m)	Catoche dolomite / Pine Tree unit	Partly dolomitized burrowed limestone - dolostone.

NFLD. MASTER
NUMBER
12B/11 10

HOLE NUMBER
73 - 10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 71' (20.7 m)	Aguathuna Formation / Port au Port unit	Interbedded limestone and dolostone, some green shale; 66-71' possible dark grey dolomite equivalent.
71 - 181' (33 m)	Costa Bay Member / White Hills unit	Off-white-light grey limestone.
181 - 222' (12.3 m)	Catoche dolomite / Pine Tree unit	Grey, mottled, slightly vuggy dolostone and partly dolomitized limestone.

NFLD. MASTER
NUMBER
12B/11 11

HOLE NUMBER
73 - 11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 8'		Overburden?
8 - 119' (33 m)	Table Cove Formation	Grey shale - limy shale, limestone interbeds.
119 - 147' (8.4 m)	Table Point Formation	Limestone, possible tuffaceous shale at 144', grainstones and burrowed limestone.

NFLD. MASTER
NUMBER
12B/11 12

HOLE NUMBER
73 - 12

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 20' (3 m)		Brown and grey argillite.

20 - 42'	(9.6 m)	Black Cove Formation	Dark grey shale.
42 - 52'	(3 m)	Daniel's Harbour Member	Dark grey limestone.

NFLD. MASTER
NUMBER
12B/11 13

HOLE NUMBER
73 - 13

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
7 - 77'	(21 m)	Aguathuna Formation / Port au Port unit	Interbedded limestone and dolostone, some stromatolite.

NFLD. MASTER
NUMBER
12B/11 14

HOLE NUMBER
73 - 14

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
Log missing from file.			

NFLD. MASTER
NUMBER
12B/11 15

HOLE NUMBER
73 - 15

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
4 - 176'	(52 m)	Table Point Formation	Dark grey limestone, several pale green clays.
176 - 197'	(6.3 m)	Aguathuna Formation / Port au Port unit	Light grey dolostone.

NFLD. MASTER
NUMBER
12B/11 16

HOLE NUMBER
73 - 16

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
3 - 231'	(68.4 m)	Catoche limestone / Lower Cove unit? / Pigeon Head unit	Burrowed grey limestone, uneven bedding; shale interbeds or cave fills at 22' and 227'; local beds of grainstone.
231 - 251'	(6 m)	Catoche limestone / Lower Cove Formation	Burrowed limestone.
251 - 300'	(14.7 m)	Catoche limestone / Lower Cove Formation	Interbedded burrowed limestone and burrowed tan-grey dolostone.

300 - 325'	(7.5 m)	Catoche limestone / Lower Cove Formation	Burrowed limestone.
325 - 340'	(4.5 m)	This is placed in the Lower Cove Formation, but may be top of the Boat Harbour Formation?	Interbedded grey dolostone and burrowed, cherty, silty? limestone.

NFLD. MASTER
NUMBER
12B/11 17

HOLE NUMBER
73 - 17

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
4 - 69'	(19.5 m)	Catoche limestone / Lower Cove unit? / Pigeon Head unit	Burrowed, uneven bedded, shaly limestone, minor.
60 - 111'	(15.3 m)	Catoche limestone / Lower Cove unit? / Pigeon Head unit	Burrowed limestone and grainstone.
111 - 186'	(22.5 m)	Boat Harbour Formation/ Lower Cove Unit/ Pigeon Head unit	Grey to light grey limestone; shaly, burrowed; a few clay seams.
186 - 204'	(5.4 m)		Vuggy grey dolostone.
204 - 350'	(43.8 m)	Boat Harbour Formation? / Lower Cove unit	Interbedded grey dolostone and light grey-medium grey limestone, cherty locally; petroliferous shale at 304-305'; burrowed dolostones.

NFLD. MASTER
NUMBER
12B/11 18

HOLE NUMBER
73 - 18

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
6 - 30'	(7.2 m)	Catoche Formation / Pigeon Head unit	Grey muddy to grainy limestone.
30 - 74'	(13.2 m)	Boat Harbour Formation / Lower Cove unit	Interbedded laminated dolostone and limestone within burrowed grey limestone. Cherty at 60-74' possibly includes pebbles.
74 - 350'	(82.8 m)	Boat Harbour Formation	Interbedded, laminated dolostone/limestone and burrowed beds; some intraclastic grainstones at about 225' and at 270 - 287'; red and blue chert at 298'; many grainstones below 298'.

NFLD. MASTER
NUMBER
12B/11 19

HOLE NUMBER
73 - 20

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 41' (10.8 m)	Table Point Formation	Grey limestone.
41 - 125' (25.2 m)	Aguathuna Formation / Port au Port unit	Fine dolostone, laminated and stromatolitic, some green-grey shale.
125 - 312' (56.1 m)	Aguathuna Formation / Port au Port unit	Limestone, dolostone and some shale.
312 - 350' (11.4 m)	Costa Bay Member / White Hills unit	Light grey limestone.

NFLD. MASTER
NUMBER
12B/11 20

HOLE NUMBER
73 - 21

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 139' (39.3 m)	Mainland Formation	Greywacke, shale, siltstone, argillite, pebbly grey sandstone.
139 - 154' (4.5 m)	Daniel's Harbour Member?	Breccia, limestone in shale matrix.
154 - 300' (43.8 m)	Auochthonous Shales - Humber Arm Group	Interbedded red, brown and grey shale.

NFLD. MASTER
NUMBER
12B/11 21

HOLE NUMBER
73 - 22

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
35 - 105' (21 m)	Humber Arm Group?	Interbedded dark grey and green graptolitic shale, pyrite, limestone interbeds.
105 - 213' (32.4 m)	Humber Arm Group?	Green and red siltstone.
213 - 277' (19.2 m)	Daniel's Harbour Member?	Limestone breccia.
277 - 298' (6.3 m)	Table Cove Formation / Black Cove Formation	Dark grey shale, graptolitic, limy interbeds near base.
298 - 300' (0.6 m)	Table Point Formation	Dark grey limestone.

NFLD. MASTER
NUMBER
12B/11 22

HOLE NUMBER
74 - 23

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 40' (7.8 m)	Black Cove / Table Cove Formation	Graptolitic dark grey shale and thin limestone breccia?
40 - 120' (24.0 m)	Table Point Formation	Grey limestone.

NFLD. MASTER
NUMBER
12B/11 23

HOLE NUMBER
74 - 24

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 60' (16.2 m)	Table Point Formation	Grey limestone.

NFLD. MASTER
NUMBER
12B/11 24

HOLE NUMBER
74 - 25

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 45' (13.5 m)	Humber Arm Group	Soft shale.
45 - 56' (3.3 m)	Humber Arm Group	Green-grey shale.
56 - 79' (6.9 m)	Black Cove Formation / Table Cove Formation	Dark grey shale and limestone, graptolites and ostracods.
79 - 81' (3.6 m)	Daniel's Harbour Member	Limestone breccia in shale matrix.
81 - 129' (13.8 m)	Table Point Formation	Dark grey limestone: <u>oil</u> .

NFLD. MASTER
NUMBER
12B/11 26

HOLE NUMBER
74 - 27

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30 - 59' (8.7 m)	Humber Arm Group	Grey clays?
59 - 95' (11.4 m)		Grey and brown shale/clay.
95 - 97' (0.6 m)	Daniel's Harbour Member	Limestone.
97 - 149' (15.6 m)	Black Cove / Table Cove Formation	Grey shale, interbedded limestone, graptolitic.
149 - 200' (15.3 m)	Table Point Formation	Dark grey limestone.

NFLD. MASTER
NUMBER
12B/11 27

HOLE NUMBER
74 - 28

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
15 - 115' (30 m)		Brown, green and dark grey shale.
115 - 120' (1.5 m)	Daniel's Harbour Member	Breccia.
120 - 148' (8.4 m)	Black Cove / Cape Cormorant Formation	Dark grey shale, carbonaceous!!
148 - 184' (10.8 m)	Cape Cormorant Formation	Dark grey limestone and inclined clay layers.
184 - 208' (7.2 m)	Black Cove Formation / Cape Cormorant Formation	Black shale and limestone interbeds and minor limestone breccia.
208 - 241' (9.9 m)	Table Cove Formation	Thin bedded graptolitic shale and limestone.
241 - 280' (11.7 m)	Table Point Formation	Grey Limestone.

NFLD. MASTER
NUMBER
12B/11 28

HOLE NUMBER
74 - 29

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
15 - 65' (15.0 m)	Humber Arm Group	Dark grey and green shale, graptolitic, pyrite, missing section at base.
65 - 138' (21.9 m)	Humber Arm Group	Green silty shale, dark grey and green shale, broken formation.
138 - 221' (24.9 m)	Mainland Sandstone	Dark grey silty shale and greywacke; flattened pebbles of possibly Humber Arm origin.
221 - 237' (4.8 m)	Black Cove Formation	Graptolitic, ostracods, dark grey shale.
237 - 240' (1.0 m)	Table Cove Formation	Interbedded shale and limestone.

NFLD. MASTER
NUMBER
12B/11 29

HOLE NUMBER
74 - 30

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 17' (3.6 m)	Table Cove Formation	Silty shale and limestone.
17 - 60' (12.9 m)	Table Point Formation	Dark grey limestone, veined.

NFLD. MASTER
NUMBER
12B/11 30

HOLE NUMBER
74 - 31

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 60' (16.8 m)	Table Point Formation	Grey limestone, fossiliferous, bitumen, gas?

NFLD. MASTER
NUMBER
12B/11 31

HOLE NUMBER
74 - 32

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 15' (2.4 m)	Black Cove Formation / Table Cove Formation	Dark grey shale; bitumen.
15 - 60' (13.6 m)	Table Point Formation	Dark grey limestone.

NFLD. MASTER
NUMBER
12B/11 32

HOLE NUMBER
74 - 33

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 300' (86.4 m)	Mainland Formation	Mostly greywacke, siltstone, shale, locally thick grey shale units.

NFLD. MASTER
NUMBER
12B/11 33

HOLE NUMBER
74 - 34

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 85' (21.3 m)	Mainland Formation	Dark grey calcareous shale.
85 - 240' (46.5 m)	Mainland Formation	Greywacke and siltstone.
240 - 300' (18.0 m)	Mainland Formation	Dark grey shale, graptolitic, some greywacke.

NFLD. MASTER NUMBER 12B/11 34		HOLE NUMBER 74 - 35	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
4 - 300' (88.8 m)	Mainland Formation	Greywacke units interbedded with dark grey shale units.	

NFLD. MASTER NUMBER 12B/11 35		HOLE NUMBER 74 - 36	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
10 - 300' (87.0 m)	Mainland Formation	Grey greywacke and dark grey shale.	

NFLD. MASTER NUMBER 12B/11 36		HOLE NUMBER PP- 78 - 1		Inclination of hole 87°
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION		
1.2 - 55.5 m (54.3 m)	Table Point Formation / Springs Inlet Member	Grey limestone; oil stain at 32m, 40-42m, 47m; nodular and grainstone 39.6 m to 55.5m, quartz sand at unconformity.		
55.5 - 147.65 m (92.15 m)	Port au Port unit / Aguathuna Formation	Dolostone, shale, minor limestone.		
147.65 - 183.75 m	White Hills unit / Costa Bay Member	Peloidal white limestone.		
183.75 - 237.5 m (53.75 m)	Pine Tree unit / Catoche dolomite	Tan-grey, mottled, slightly vuggy dolostone.		
237.50 - 245.7 m	Catoche limestone	Dolomitic grey limestone.		

NFLD. MASTER NUMBER 12B/11 37		HOLE NUMBER PP- 78 - 2		Inclination of well 88°
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION		
0.8 - 63.08 m (63 m)	Table Point Formation	Grey fossiliferous, bioturbated limestone; oil stain at 42, 46, 50, 58m; Springs Inlet Member nodular and peloidal grainstone from 41m to 63.08m.		

63.08 - 145.1 m (82.02 m)	Aguathuna Formation / Port au Port unit	Limestone, dolostone, shale, <u>oil stain in chert at 96 m.</u>
145.1 - 182.25 m (37.15 m)	Costa Bay Member / White Hills unit	Off-white peloidal grainstone.
182.25 - 235.92 m (53.67 m)	Catoche dolomite / Pine Tree unit	Vuggy mottled dolostone.
235.92 - 236.8 m (0.88 m)	Catoche limestone / Pigeon Head unit	Dolomitic grey limestone.

NFLD. MASTER
NUMBER
12B/11 38

HOLE NUMBER
PP- 78 - 3

Average dip of beds 8°;
Inclination of hole 73°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.2 - 80.1 m (78.9 m)	Table Point Formation / Springs Inlet Member	Grey fossiliferous, bioturbated limestone, <u>oil stain at 20, 25, 46 m</u> ; Springs Inlet probably from 65.1 m - 80.1 m.
80.1 - 172.9 m (92.8 m)	Aguathuna Formation / Port au Port unit	Interbedded dolostone, limestone and shale; cherty in upper 20 m.
172.9 - 209.4 m (37.5 m)	Costa Bay Member / White Hills unit	Off-white peloidal grainstone.
209.4 - 258.8 m (49.4 m)	Catoche dolomite / Pine Tree unit	Vuggy dolostone with collapse breccia and bedding to 227 m and locally to 234 m. Grainy rocks noted between 240 and 245 m.
258.8 - 267.3 m (8.5 m)	Catoche limestone / Pigeon Head unit	Bioturbated grey limestone.

NFLD. MASTER
NUMBER
12B/11 39

HOLE NUMBER
PP - 78 - 4

Inclination of hole - 61.5°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.8 - 83.8 m (82.0 m)	Table Point Formation	Grey fossiliferous bioturbated limestone, Peloidal grainstone and nodular limestone from 63.8 to 83.8 m; dolostone - chert pebble basal conglomerate; <u>trace oil 54.65 m.</u>
83.8 - 174.6 m (90.8 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, shale; stromatolite and chert to 98 m; dips 3° to 10°.
174.6 - 207.6 m (33.0 m)	Costa Bay Member / White Hills unit	Off-white peloidal grainstone.

207.6 - 265 m (57.4 m)	Catoche dolomite / Pine Tree unit	Mottled, sucrosic dolostone, vuggy but much geopetal silt.
265 - 267.3 m (2.3 m)	Catoche limestone / Pigeon Head unit	Grey grainstone and lime mudstone.

NFLD. MASTER
NUMBER
12B/11 40

HOLE NUMBER
PP - 78 - 5

Inclination of hole - 87°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3.2 - 77.8 m (74.6 m)	Table Point Formation / Springs Inlet Member	Burrowed, fossiliferous seamy limestone; Peloidal and nodular limestone from 55.85 - 77.8 m; <u>trace of oil at 57 and 60 m.</u>
77.8 - 161.75 m (84.95 m)	Aguathuna Formation / Port au Port unit	Limestone, dolostone, chert, shale.
161.75 - 197.75 m (36.0 m)	Costa Bay Member / White Hills unit	Off-white peloidal grainstone; <u>trace oil at 176 m, 193 m and 196 m.</u>
197.75 - 254.8 m (57.05 m)	Catoche dolomite / Pine Tree unit	Vuggy, mottled dolostone.
-255.1 m (0.3 m)	Catoche limestone / Pigeon Head unit	Dark-grey limestone.

NFLD. MASTER
NUMBER
12B/11 41

HOLE NUMBER
PP - 78 - 6

Inclination of hole - 85.5°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.2 - 78.5 m (77.3 m)	Table Point Formation / Springs Inlet Member	Grey fossiliferous limestone. Peloidal and nodular from 60.6 - 78.5 m; oil stain at 13, 15, 52 and 53 m.
78.5 - 164.8 m (86.3 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, shale and chert.
164.8 - 203 m (38.2 m)	Costa Bay Member / White Hills unit	Peloidal and fenestral off-white limestone.
203 - 261.9 m (58.9 m)	Catoche dolomite / Pine Tree unit	Blotchy mottled grey dolostone, cherty towards base, grainy between 239 - 247.
261.9 - 264.26 m (3.36 m)	Catoche limestone / Pigeon Head unit	Burrowed grey limestone.

NFLD. MASTER
NUMBER
12B/11 42

HOLE NUMBER
PP - 78 - 7

Inclination of hole - 88.5°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.2 - 68.9 m (67.7 m)	Table Point Formation / Springs Inlet Member	Grey limestone; 55.3 - 68.9 m - peloidal fenestral and nodular limestone.
68.9 - 162.35 m (93.45 m)	Aguathuna Formation / Port au Port unit	Dolostone and limestone, chert.
162.35 - 198 m (35.65 m)	Costa Bay Member / White Hills unit	Peloidal grainstone, off-white limestone.
198 - 251.8 m (52.8 m)	Catoche dolomite / Pine Tree unit	Mottled grey dolostone, sucrosic; grainstone and mounds down to 246 m, burrowed dolostone to 251 m.
251.8 - 254.2 m (2.4 m)	Catoche limestone / Pigeon Head unit	Grey dolomitic limestone.

NFLD. MASTER
NUMBER
12B/11 43

HOLE NUMBER
PP - 78 - 8

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7.6 - 33.8 m (26.2 m)	Humber Arm Group	Green-grey, maroon, black, shales, contorted.
33.8 - 40.5 m (6.7 m)	Mainland Formation	Greywacke.
40.5 - 49.6 m (9.1 m)	Table Cove Formation / Black Cove Formation / Daniel's Harbour Member	Limestone conglomerate and grey shale and thin limestone; faulted base.
49.6 - 126.65 m (77.05 m)	Table Point Formation / Springs Inlet Member	Grey fossiliferous limestone; Springs Inlet Member 106-126.65 (20-65 m); peloidal limestone 106-116.25; fenestral limestone 116.25 - 12.5m, nodular limestone and basal conglomerate to 126.65.
126.65 - 202.75 m (76.10 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, chert.
202.75 - 237.95 m (35.2 m)	Costa Bay Member / White Hills unit	Off-white peloidal limestone.
237.95 - 266.35 m (28.40 m)	Catoche dolomite / Pine Tree unit	Dolostone, faulted base.
-272.49 m (6.15 m)	Catoche limestone / Pigeon Head unit	Grey limestone.

NFLD. MASTER
NUMBER
12B/11 44

HOLE NUMBER
PP - 78 - 9

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.8 - 67.8 m (66.0 m)	Table Point Formation / Springs Inlet Member	Grey fossiliferous limestone; Spring Inlet Member - 45.1 - 67.8 m; grainstone and nodular limestone; <u>oil stain at 17m and at basal unconformity.</u>
67.8 - 149.45 m (81.65 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, chert, shale.
149.45 - 185.9 m (36.45 m)	Costa Bay Member / White Hills unit	Off-white peloidal - fenestral grainstone.
185.9 - 237.1 m (51.2 m)	Catoche dolomite / Pine Tree unit	Grey, sucrosic, mottled dolostone. <u>vugs have hydrocarbons</u> - bitumin at 186, 188, 191, 202, 204; limestone - dolomite basal transition.
237.1 - 239.26 m (2.16 m)	Catoche limestone / Pigeon Head unit	Grey dolomitic limestone.

NFLD. MASTER
NUMBER
12B/11 45

HOLE NUMBER
PP - 78 - 10

Inclination of hole 88.5°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3.65 - 106.9 m (103.35 m)	Table Point Formation	Grey fossiliferous limestone. Springs Inlet Member: 82.5 - 105.55 Peloidal and nodular limestone; 105-55 - 106.9; chert and dolostone conglomerate.
106.9 - 188.15 m (81.25 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, chert and shale.
188.15 - 222.2 m (34.05 m)	Costa Bay Member / White Hills unit	Off-white grainstone, fenestral limestone.
222.2 - 281 m (59.8 m)	Catoche dolomite / Pine Tree unit	Vuggy sucrosic dolostone, petroliferous at top, possibly mostly grainstone in lower part.
281 - 285.59 m (4.6 m)	Catoche limestone / Pigeon Head unit	Bioturbated grey limestone.

NFLD. MASTER
NUMBER
12B/11 46

HOLE NUMBER
PP - 78 - 11

Vertical hole

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4.25 - 91 m (86.75 m)	Table Point Formation	Grey fossiliferous, seamy limestone, <u>oil stain at 7-10m, 19m, 34-37m, 45 m</u> , Springs Inlet Member: 60.85 - 89.95 m, peloidal and nodular limestone, <u>oil stain 73.87m</u> ; chert and dolostone pebble, basal conglomerate above unconformity. Small faults.
91 - 171.1 m (80.1 m)	Aguathuna Formation / Port au Port unit	Dolostone, limestone, chert, shale: <u>oil and bitumen at 98m, 105m, 111m, 118m, 124m, 130m, 136-142m, 147m.</u>
171.1 - 297.1 m (36.0 m)	Costa Bay Member / White Hills unit	Off-white peloidal fenestral limestone.
207.1 - 265.1 m (57.0 m)	Catoche dolomite / Pine Tree unit	Grey sucrosic dolostone, vuggy; <u>bitumen at 263.5 m.</u>
265.1 - 267.3 m (2.2 m)	Catoche limestone / Pigeon Head unit	Burrowed grey limestone.

Lyn (1978, File No. 12B/11 227) reports most fractures are stained by or contain hydrocarbons varying from heavy oil to solid brittle bitumen.

NOTE: Holes 78-3 and 78-4 have significant deviation of angle of hole below Table Head Group with increasing deviation into Costa Bay and Catoche dolomite.

NFLD. MASTER
NUMBER
12B/11 51

HOLE NUMBER
WK - 75 - 5

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 55' (16.5 m)	Table Point Formation	Grey limestone.
55 - 152' (29.1 m)	Aguathuna Formation / Port au Port unit	Some moldic and vuggy porosity in limestone and dolostone.

NFLD. MASTER
NUMBER
12B/11 52

HOLE NUMBER
WK - 75 - 6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 28' (7.8 m)	Table Point Formation / Springs Inlet Member	Fenestral limestone.
28 - 151' (36.9 m)	Aguathuna Formation / Port au Port unit	Dolostone, cherty dolostone, limestone, shale.

NFLD. MASTER
NUMBER
12B/11 54

HOLE NUMBER
WK - 5 - 8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 80' (23.4 m)	Table Point Formation	Grey limestone.
80 - 120' (12.0 m)	Aguathuna Formation / Port au Port unit	Dolostone, cherty dolostone, limestone, shale.

NFLD. MASTER
NUMBER
12B/11 55

HOLE NUMBER
WK - 75 - 9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 19' (5.1 m)	Table Point Formation / Springs Inlet Member	Fenestral limestone.
19 - 120' (30.3 m)	Aguathuna Formation / Port au Port unit	Dolostone, cherty at top, some stromatolite, minor limestone, like other WK - holes.

NFLD. MASTER
NUMBER
12B/11 56

HOLE NUMBER
WK - 75 - 10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 39' (11.7 m)	Table Point Formation	Grey limestone.
39 - 99' (18.0 m)	Aguathuna Formation / Port au Port unit	Dolostone, cherty, stromatolite, limestone.

NFLD. MASTER
NUMBER
12B/11 57

HOLE NUMBER
RND-001
(Beds dip 10° - 25°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2.5 - 80.35 m (73.9 m°)	Table Point Formation	Limestone.
80.35 - 178.6 m (93.3 m°)	Aguathuna Formation	Dark grey dolomite occurs between 159.5 m - 163.35 m.
178.6 - 224.5 m (43.6 m°)	Costa Bay Member	White limestone.
224.5 - 275.9 m (48.8 m°)	Catoche Dolomite / Pine Tree Unit	Dark grey, sucrosic dolomite.
275.9 - 302 m (24.8 m°)	Catoche limestone	Grey dolomitic limestone.

NFLD. MASTER
NUMBER
12B/11 58

HOLE NUMBER
RND-2
(Beds dip 10°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 13.2 m (1.2 m°)	Daniel's Harbour Member	
13.2 - 14.5 m (1.3 m°)	Black Cove Formation	Black shale.
14.5 - 22 m (7.4 m°)	Table Cove Formation	Nodular or conglomeratic. This may be top of Table Point.
22 - 108.7 m (85.4 m°)	Table Point Formation	Burrowed and fossiliferous limestone. <u>Liquid oil in vuggy interval from 24.65 m to 40 m:</u> Spring Inlet Member: 93 m - 108.7 m dolostone and limestone (15.5 m°).
108.7 - 183.75 m (74.00 m°)	Aguathuna Formation	Dolostone, limestone and shale: dark grey dolomite: 163 m - 170 m vuggy and sucrosic.
183.75 - 216.65 m (32.4 m°)	Costa Bay Members	White limestone.
216.65 - 271 m (53.5 m°)	Catoche dolomite /Pine Tree Unit	Mottled, vuggy dolomite.
271 - 280 m (8.8 m°)	Catoche limestone	Grey, dolomitic limestone.

NFLD. MASTER
NUMBER
12I/4 1

HOLE NUMBER
BDH-1

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
35.5 - 55' (5.95 m)	Upper Table Cove Formation	Shale and thin bedded limestone
55 - 90' (10.7 m)	Lower Table Cove Formation	Bioturbated, shaly, dark grey limestone.
90 - 695' (184.4 m)	Table Point Formation	Dark grey limestone.
695 - 825' (39.6 m)	Spring Inlet Member Table Point Formation	Massive, light grey limestone.
825 - 1027' (82.26 m)	Aguathuna Formation	Upper Aguathuna (6.9 m), includes chert pebbles.
1027 - 1061' (10.36 m)	Aguathuna Formation	Dark grey dolomite.
1061 - 1110' (14.93 m)	Catoche dolomite	
1110 - 1228' (36.0 m)	Catoche Limestone	Dolomitized burrowed limestone.

NFLD. MASTER
NUMBER
12I/4 2

HOLE NUMBER
BDH-2

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
48 - 339' (88.7 m)	Goose Tickle Group	Green grey and dark grey siltstone/shale
339 - 448' (33.2 m)	Table Cove/Black Cove Formation	Nodular limestone and black and grey siltstone/shale
448 - 930' (146.9 m)	Table Point Formation	Silty massive grey limestone.
930 - 1121' (58.2 m)	Table Point Formation	Limestone, sucrosic dolomite and sparry dolomite.
1121 - 1253' (39.9 m)	Spring Inlet Member	Vuggy dolomite and fenestral limestone.
1253 - 1273 (6.4 m)	Spring Inlet Member	Interbedded limestone and dolostone.
1273 - 1547.5' (83.66 m)	Aguathuna Formation	Dolostone, shale; Upper Aguathuna Formation (7.0 m) has chert breccia.
1547.5 - 1590' (12.95 m)	Aguathuna Formation	Dark grey dolomite; worms marker 1556' - 1559'
1590 - 1658' (20.72 m)	Catoche Dolomite and Pseudobreccia	Pseudobreccia, dolostone and some dolomite limestones.

NFLD. MASTER
NUMBER
12I/4 3

HOLE NUMBER
2525
(flat bedding)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
60 - 145' (25.5 m)	Goose Tickle Group	Black argillite and siltstone; minor 75° - 90° shear at 134' - 141'.
145 - 294' (45.4 m)	Table Cove Formation	
294 - 1022' (218 m)	Table Point Formation	Limestone: Spring Inlet Member 861'-1021' (48 m).
1022 - 1283' (78.3 m)	Aguathuna Formation	1022' - 1043' (6.3 m) Upper Aguathuna.
1283 - 1332' (14.7 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1300' - 1302'.
1332 - 1470' (41.4 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
12I/4 4

HOLE NUMBER
2547

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30 - 118' (26.4 m)	Table Cove Formation	Black shale and limestone.
118 - 855' (221 m)	Table Point Formation	Limestone: Spring Inlet Member: 630' - 833' (60.9 m).
855 - 1079' (67.2 m)	Aguathuna Formation	Upper Aguathuna 833' - 855' (6.6 m).
1079 - 1128' (14.7 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1096' - 1099'.
1128 - 1252' (37.2 m)	Catoche dolomite and pseudobreccia	
1252 - 1257' (1.5 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/5 1

HOLE NUMBER
882

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 103.3' (27.9 m)	Boat Harbour Formation / Catoche	Boat Harbour or Catoche down into Boat Harbour dolostones; mottled, laminated, vuggy.
103.3 - 164.2' (17.9 m)	Boat Harbour Formation	Laminated.
164.2 - 200' (11.7 m)	Boat Harbour Formation	Dolomite breccia.
200 - 247' (14 m)	Boat Harbour Formation	Cherty dolostone.

NFLD. MASTER
NUMBER
12I/5 2

HOLE NUMBER
883

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
13.5 - 45.5' (9.6 m)	Aguathuna Formation	
45.5 - 83' (11.25 m)	Aguathuna Formation	Dark grey dolomite.
83 - 256.5' (51.9 m)	Catoche dolomite	Pseudobreccia, up to 10% porosity, fine dolostone.
256 - 316' (18.0 m)	Catoche limestone	Dolomitized Catoche limestone.

NFLD. MASTER
NUMBER
12I/5 3

HOLE NUMBER
884

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
25 - 251' (66.9 m)	Table Point Formation	Limestone: caves common in this core.

NFLD. MASTER
NUMBER
12I/5 4

HOLE NUMBER
885

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log.		

NFLD. MASTER
NUMBER
12I/5 5

HOLE NUMBER
886

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 38' (9.3 m)	Table Point Formation	Dolomitized Table Point; it is porous.
38 - 61.2' (6.9 m)	Table Point Formation	Limestone: very stylolitic, grey, largely dolomitized to porous buff grey dolomite.
61 - 173' (33.5 m)	Table Point Formation	Dolomites - porous, mottled.
173 - 268' (28.5 m)	Table Point Formation	Dolomite, porous.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
881

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
18 - 89' (21.3 m)	Boat Harbour Formation	Dolomitized.
89 - 175' (25.8 m)	Boat Harbour Formation	Dolostones, grey.
175 - 218' (12.9 m)	Boat Harbour Formation	Breccia: dolomite - chert fragments.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
887

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 36' (10.8 m)	? Catoche Formation	Grey stylolitic limestone.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
888

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 44' (9.50 m)	Catoche / Table Point Formation	Limestone.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2502
(Beds dip 15° - 20°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
32 - 611' (167.8 m ²)	Table Point Formation	90% dolomitized. Spring Inlet Member 484' - 611'.
611 - 931' (92.7 m ²)	Aguathuna Formation	Upper Aguathuna - 611'-628' (5.1 m), chert sand at base.
931 - 979' (13.9 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker: 948'-950'.
979 - 1086' (30.9 m ²)	Catoche dolomite and pseudobreccia	
1086 - 1100' (4.0 m ²)	Catoche limestone and dolomite	Some pseudobreccia.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2503
(Flat bedding)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
22 - 766' (223.2 m)	Table Point Formation	All dolomite: 592' - 766' Spring Inlet Member.
766 - 1000' (70.2 m)	Aguathuna Formation	Upper Aguathuna 766' - 786', chert chips at base.
1000 - 1050' (15 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1017'-1019'.
1050 - 1157' (2 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2506 Ref 12I/193

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 40' (6.0 m)	Table Cove Formation	
40 - 1126' (331 m)	Table Point Formation	Mostly dolomitized: Spring Inlet Member 939' - 1126' (56 m).
1126 - 1358' (69.6 m)	Aguathuna Formation	1126' - 1145' (5.7 m) Upper Aguathuna.

1358 - 1412' (16.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1378' - 1380'.
1412 - 1530' (35.4 m)	Catoche dolomite and pseudobreccia	Limestone interbeds, vuggy pseudobreccia.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2509

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
100 - 155' (16.5 m)	Goose Tickle Group	Black argillite/siltstone.
155 - 317' (48.6 m)	Table Cove Formation	Shale and nodular limestone.
317 - 1102' (235.5 m)	Table Cove Formation	Limestone: Spring Inlet Member 912' - 1102' (57 m).
1102 - 1335' (69.9 m)	Aguathuna Formation	1102' - 1119' - Upper Aguathuna (5.1 m).
1335 - 1384' (14.7 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1352' - 1354'.
1384 - 1519' (40.5 m)	Catoche dolomite and pseudobreccia	
1519 - 1527'	Catoche limestone	Dolomitic interbeds.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2531
(Beds dip 15° - 25°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
55 - 109' (15.2 m°)	Goose Tickle Group	Siltstone and dark grey to black shale.
109 - 346' (66.8 m°)	Black Cove Formation	Dark siltstone with very fine sandstone/siltstone laminae.
346 - 442' (27.1 m°)	Table Cove Formation	Interbedded shale and limestone to 368, limestone below.
442 - 981' (158.7 m°)	Table Point Formation	Limestone, vuggy dolomite between 449' - 538'. 15° dip of beds.
981 - 988' (1.9 m°)	Fault	
988 - 1257' (71.0 m°)	Table Point Formation	Fenestral to vuggy dolostone.

1257 - 1473' (56.1 m ²)	Table Point Formation	Nodular to fenestral limestone, some burrowed - suggests all this is Spring Inlet Member. 30° dips.
1473 - 1742' (77.0 m ²)	Aguathuna Formation	1473' - 1496' (6.0 m) upper member of calcareous dolostone with chert pebbles: lower member of dolostone, shale, breccia: 18° - 20° dips.
1742 - 1794' (14.65 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1762' - 1764'.
1794 - 1905' (31.3 m ²)	Catoche dolomite and pseudobreccia	Salt and pepper dolomite common in lower part; some porosity; limestone at 1830' - 1832'.
1905 - 1912' (1.9 m ²)	Catoche limestone	Interbedded limestone and dolomite.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2532

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
60 - 158' (29.4 m)	Table Cove Formation	Shale and limestone.
158 - 943' (235.5 m)	Table Point Formation	75% dolomitized; some fault breccias; 731' - 943' (63.6 m) Spring Inlet Member. 856' - 943' limestone.
943 - 1199' (78.0 m)	Aguathuna Formation	943' - 965' Upper Aguathuna.
1199 - 1252' (15.9 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1219' - 1221'.
1252 - 1407' (46.5 m)	Catoche dolomite and pseudobreccia	Dolomite veining at 30°.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2533

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
44 - 131' (26.1 m)	Table Cove Formation	
131 - 833' (210.6 m)	Table Point Formation	65% dolomitized. Spring Inlet Member: 680' - 833' (45.9 m). Fault at 659'.
	Fault	
833 - 1029' (58.8 m)	Aguathuna Formation	

1029 - 1074' (13.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1047' - 1049'.
1074 - 1163 (26.7 m)	Catoche dolomite and pseudobreccia	
	Fault	65° dip.
1163 - 1416' (75.9 m)	Aguathuna Formation	
1416 - 1468' (15.6 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 1436' - 1438'.
1468 - 1625' (47 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2561
(Beds dip 20°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 654' (182.7 m ²)	Table Point Formation	6' - 68' (17.48 m ²) limestone; rest is dolomite; Spring Inlet Member. 505' - 654' (42 m ²). 1st fenestral bed at 570'. Vuggy porosity near base. <u>NB</u> The top of Spring Inlet in all the holes from this file (12I/193) is placed above weakly laminated dolostone and nodular beds. This may be the hummocky unit of the Table Point section. Last fenestral bed is always lower in section.
654 - 858' (58.4 m ²)	Aguathuna Formation	Upper Aguathuna: calcareous dolostone 657' - 674' (4.79 m ²).
858 - 906' (13.53 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker at 876' - 877'.
906 - 1002' (27 m ²)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2562

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
28 - 715' (206 m)	Table Point Formation	Mostly limestones, a few dolomites at 28' - 46', 73' - 84', 119' - 149' and 167' - 526'. Spring Inlet Member. 557' - 715' (47.5 m); fenestral begins at 608'.

715 - 902'	(56 m)	Aguathuna Formation	Upper Aguathuna - 715'-713' (0.6 m) chert chips at base.
902 - 951'	(14.7 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 920' - 922'.
951 - 1078'	(38 m)	Catoche Formation	Limestone with some pseudobreccia at 960' - 971'.

NFLD. MASTER
NUMBER
12I/5

HOLE NUMBER
2563

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
23 - 110'	Table Cove Formation	Shale and limestone.
110 - 857'	Table Point Formation	Limestone. Spring Inlet Member 718' - 857' (42 m). This is beginning of the fenestral carbonate.
857 - 1056'	Aguathuna Formation	Upper Aguathuna 857' - 867' (3 m), chert chips at base.
1056 - 1105'	Aguathuna Formation	Dark grey dolomite; Worms marker at 1073' - 1075'.
1105 - 1217'	Catoche Formation	Limestone with some dolomite and pseudobreccia at 1117' - 1118'.

NFLD. MASTER
NUMBER
12I/6 2

HOLE NUMBER
492

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
45 - 206' (48.3 m)	Table Point Formation	Porous and vuggy creamy dolomite.
206 - 381' (52.5 m)	Table Point Formation	Dolomitic limestone.
381 - 560' (53.7 m)	Aguathuna Formation	Dolostone, several collapse breccias.
560 - 595.5' (10.5 m)	Aguathuna Formation	Dark grey dolomite.
595.5 - 674' (27.0 m)	Catoche dolomite	Mostly collapse breccia.

NFLD. MASTER
NUMBER
12I/6 3

HOLE NUMBER
498

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
11 - 120 m (32.7 m)	Table Point Formation / Springs Inlet Member	Limestone, dolomitic limestone and dolostone: Springs Inlet Member at 71' to 120'.
120 - 496 m (112.8 m)	Aguathuna Formation	Dolostone and collapse breccia.
496 - 595 m (29.7 m)	Catoche dolomite	All Collapse breccia.
595 - 633 m (11.4 m)	Catoche limestone	Dolomitic limestone.

NFLD. MASTER
NUMBER
12I/6 4

HOLE NUMBER
583

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 37.5' (8.2 m)	Table Point Formation	Limestone.
37.5 - 244.5' (62.1 m)	Aguathuna Formation	Dolostone and shale, breccias.
244.5 - 300.7' (16.86 m)	Aguathuna Formation	Dark grey dolomite.
300.7 - 449' (44.5 m)	Catoche dolomite	Pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 5

HOLE NUMBER
586

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24.0 - 250.4' (67.9 m)	Aguathuna Formation	Dolostone, shale and breccia.
250.4 - 289.5' (11.7 m)		Dark grey dolomite.
289.5 - 414.3' (37.44 m)	Catoche dolomite	Pseudobreccia and fine dolostone.
414.3 - 448.0' (10.2 m)	Catoche limestone	Dolomitic limestone.

NFLD. MASTER
NUMBER
12I/6 6

HOLE NUMBER
639

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14.5 - 58.8' (13.2 m)	Table Point Formation	Limestone.
58.8 - 304.6' (73.74 m)	Aguathuna Formation	Dolostone, shale, breccia, rare white limestone remnant.
304.6 - 343.4' (11.6 m)	Aguathuna Formation	Dark grey dolostone.
343.4 - 458.0' (34.38 m)	Catoche dolomite	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12I/6 7

HOLE NUMBER
678

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30.2 - 224' (58.14 m)	Aguathuna Formation	Dolostone, shale, chert, breccia.
224 - 269.6' (13.49 m)	Aguathuna Formation	Dark grey dolomite.
269.6 - 386' (35.1 m)	Catoche Dolostone	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12I/6 8

HOLE NUMBER
712

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
25.9 - 68.6' (12.8 m)	Table Point Formation	Limestone.
68.6 - 312.3' (73.2 m)	Aguathuna Formation	Dolostone, shale, white limestone at 173 - 177'.
312.3 - 350.3' (11.4 m)	Aguathuna Formation	Dark grey dolomite.
350.3 - 449.0' (30.0 m)	Catoche dolomite	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12I/6 9

HOLE NUMBER
878

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 89.3' (25 m)	Watts Bight Formation	Sucrosic tan-grey dolomite; interbedded with dololaminate in lower 36' (10.8 m); vugs and fractures with spar.

NFLD. MASTER
NUMBER
12I/6 10

HOLE NUMBER
889

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 40' (9.6 m)	Aguathuna Formation	Dark grey dolomite.
40 - 161' (36.3 m)	Catoche dolomite	Pseudobreccia and dolostone.
161 - 304' (42.9 m)	Catoche limestone	Largely dolomitized.

NFLD. MASTER
NUMBER
12I/6 11

HOLE NUMBER
890

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
13 - 61' (14.4 m)	Catoche limestone	Porous dolomite intervals.
61 - 86' (7.5 m)	Barbace Cove Member	Shaly limestone.

86 - 130'	(13.2 m)	Boat Harbour Formation	Laminated and massive dolomite, some pseudobreccia.
130 - 296'	(50 m)	Boat Harbour Formation	Brecciated dolostone with some 4.5 m unbrecciated beds.

NFLD. MASTER
NUMBER
12I/6 12

HOLE NUMBER
891

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
6 - 108'	(32.4 m)	? Catoche / Boat Harbour Formation	Intercalated sucrosic dolomite and limestone, some porosity, dolomite for 1st 10.8 m; then limestone.

NFLD. MASTER
NUMBER
12I/6 13

HOLE NUMBER
895

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
15 - 73'	(17.4 m)	Catche dolomite	Fine and sucrosic dolomite.
73 - 298'	(68.5 m)	Catoche limestone	Dolostone, fine grained well-bedded, totally dolomitized Catoche limestone.

NFLD. MASTER
NUMBER
12I/6 14

HOLE NUMBER
896

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
11 - 194'	(57.9 m)	Boat Harbour Formation	Well bedded light and dark grey fine dolostone.

NFLD. MASTER
NUMBER
12I/6 15

HOLE NUMBER
897

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
20 - 150'	(39.0 m)	Boat Harbour Formation	Light and dark grey fine dolostone.
150 - 259'	(32.9 m)	Possibly Watts Bight Formation	Dark grey fine to medium crystalline dolostone.

NFLD. MASTER
NUMBER
12I/6 16

HOLE NUMBER
899

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 87' (20.3 m corrected)	Watts Bight Formation	Sucrosic grey dolomite with some dolarenite.
87 - 325' (64.7 m corrected)	Berry Head Formation	Light and dark grey dolomite with local chert.

NFLD. MASTER
NUMBER
12I/6 17

HOLE NUMBER
900

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 84.5' (23.5 m)	Aguathuna Formation	Dolostone and dark grey dolomite.
84.5 - 251' (50 m)	Catoche dolomite	Pseudobreccia; good porosity below 130'.
251 - 292' (12.3 m)	Catoche Formation	Dolostone: vuggy porosity 10%; fractured - possibly related to local collapse or close to NE fault.

NFLD. MASTER
NUMBER
12I/6 18

HOLE NUMBER
926

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 80' (21.9 m)	Catoche limestone	Grainy and stylolitic grey limestone, some intraformational mudstone at 73'.
80 - 87' (2.1 m)	Barbace Cove Member	Laminated and shaly limestone.
87 - 129' (12.6 m)	Boat Harbour Formation	Grey dolostone, some limestone, some pseudobreccia.
129 - 262' (39.9 m)	Boat Harbour Formation	Silty dolomite and unrotated breccia.

NFLD. MASTER
NUMBER
12I/6 19

HOLE NUMBER
927

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
11 - 170' (47.7 m)	Boat Harbour Formation	Dolomite, minor pseudobreccia and chert breccia.
170 - 300' (39.0 m)	Boat Harbour Formation	Dolostone: laminated and massive, cherty.

NFLD. MASTER
NUMBER
12I/6 20

HOLE NUMBER
931

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 300' (88 m)	Table Point Formation	Grey limestone throughout.

NFLD. MASTER
NUMBER
12I/6 21

HOLE NUMBER
932

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 204' (85.2 m)	Table Point Formation	Grey limestone.

NFLD. MASTER
NUMBER
12I/6 22

HOLE NUMBER
933

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
21 - 300' (83.7 m)	Table Point Formation	All dolomitized with 5-10% porosity, but could be dolomitized Catoche limestone as this is very close to fault zones and is cut by fault at 246'.

NFLD. MASTER
NUMBER
12I/6 23

HOLE NUMBER
934

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24 - 268' (73.2 m)	Table Point Formation	Limestone.

NFLD. MASTER
NUMBER
121/6 24

HOLE NUMBER
935

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 107.5' (30.4 m)	Table Point Formation	Grey limestone; basal conglomerate 22 m thick.
107.5 - 263.1' (46.6 m)	Aguathuna Formation	Light grey dolostone.
263.1 - 291.5' (8.5 m)	Aguathuna Formation	Dark grey dolomite for most part.
291.5 - 428.7' (41.16 m)	Catoche dolomite	Pseudobreccia and fine grained dolostone.
428.7 - 450' (6.3 m)	Catoche limestone	Limestone.

NFLD. MASTER
NUMBER
121/6 26

HOLE NUMBER
939

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
36 - 261.3' (68.6 m)	Table Head Formation	Limestone + some dolomitized intervals.
261.3 - 336' (22.8 m)	Aguathuna Formation	Dolostone and greenish shale.

NFLD. MASTER
NUMBER
121/6 27

HOLE NUMBER
940

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 50' (13.2 m)	Catoche dolomite	
50 - 300' (75 m)	Catoche limestone	

NFLD. MASTER
NUMBER
121/6 28

HOLE NUMBER
941

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
32 - 85' (15.9 m)	Table Cove Formation	Interbedded black limestone and shale.
85 - 115' (9.0 m)	Table Point Formation	Crinoid packstone.
115 - 282' (50.1 m)	Table Point Formation	Grey stylolitic limestone.

NFLD. MASTER
NUMBER
12/6 29

HOLE NUMBER
943

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 272' (80.4 m)	Table Point Formation	Styloitic limestone.

NFLD. MASTER
NUMBER
12/6 30

HOLE NUMBER
944

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
44 - 238 m (58.2 m)	Boat Harbour Formation	Laminated and massive grey dolomite, some pseudobreccia, rare limestone 59 - 66'.
238 - 290 m (15.6 m)	Boat Harbour Formation	Dolomite breccia: upper part no rotation, lower part rotated.

NFLD. MASTER
NUMBER
12/6 31

HOLE NUMBER
945

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 361' (104.7 m)	Catoche limestone	Limestone.
361 - 372.5' (3.5 m)	Barbace Cove Member	Limestone, shaly.
372.5 - 418.5' (14 m)	Lower Boat Harbour Formation	Dolostone and limestone; minor pseudobreccia.

NFLD. MASTER
NUMBER
12/6 32

HOLE NUMBER
965

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 145' (42.3 m)	Table Point Formation	Limestone.
145 - 342' (59.2 m)	Aguathuna Formation	Dolostone, shale, breccia.
342.7 - 389.3' (14 m)	Aguathuna Formation	Dark grey dolomite.
389.3 - 522.6' (42.99 m)	Catoche dolomite	Pseudobreccia and fine dolostone.
522.6 - 536' (4 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/6 37

HOLE NUMBER
1096

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 38

HOLE NUMBER
1151

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 115' (28.5 m)	Aguathuna Formation	
115 - 163' (14.5 m)	Aguathuna Formation	Dark grey dolomite; 129.5' for worms marker.
163 - 292.8' (39.0 m)	Catoche dolomite	Pseudobreccia and fine dolostone.
292 - 298' (1.77 m)	Catoche limestone	Dolomitic limestone.

NFLD. MASTER
NUMBER
12I/6 39

HOLE NUMBER
1154

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 211' (57.3 m)	Aguathuna Formation	Laminated and mottled dolostone.
211 - 258' (141 m)	Aguathuna Formation	Dark grey dolomite: 223.5 ' Worms marker.
258 - 289' (39.3 m)	Catoche dolomite	Pseudobreccia and fine dolostone; includes limestone at 286 - 298 and 308 - 311.
289 - 396' (2.1 m)	Catoche limestone	Burrowed, dolomitic limestone.

NFLD. MASTER
NUMBER
12I/6 40

HOLE NUMBER
1159

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24 - 105' (24.3 m)	Aguathuna Formation	Laminated and mottled dolostone.
105 - 155.5' (15 m)		Dark grey dolomite: worms marker at 119'.
155.5 - 291' (37.65 m)	Catoche dolomite	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12I/6 41

HOLE NUMBER
1172

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 42

HOLE NUMBER
1175

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 43

HOLE NUMBER
1177

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 44

HOLE NUMBER
1200

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
75 - 141' (20.1 m)	Catoche dolomite	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12I/6 45

HOLE NUMBER
1202

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 34' (8.4 m)	Aguathuna Formation	Dark grey dolomite.
34 - 173' (41.7 m)	Catoche dolomite	Pseudobreccia and fine dolostone, limestone at 71 - 85', poor to moderate pseudobreccia; limestone mottles in basal few feet.

NFLD. MASTER
NUMBER
121/6 46

HOLE NUMBER
1205

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30 - 49.6' (5.8 m)	Catoche dolomite	
49 - 82' (9.75 m)	Catoche limestone	

NFLD. MASTER
NUMBER
121/6 47

HOLE NUMBER
1210

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
26 - 71' (13.6 m)	Aguathuna Formation	Dark grey dolomite.
71 - 187' (34.8 m)	Catoche dolomite	Pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
121/6 48

HOLE NUMBER
1214

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
28 - 63.5' (10.65 m)	Aguathuna Formation	Laminated dolostone.
63.5 - 107' (13.25 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 75'.
107 - 125' (5.4 m)	Catoche dolomite and pseudobreccia	
	Fault	
125 - 248' (36.9 m)	Catoche dolomite and pseudobreccia	Repeat of top of the unit; vuggy dolomites.

NFLD. MASTER
NUMBER
121/6 49

HOLE NUMBER
1221

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 100.7' (27.4 m)	Catoche dolomite and pseudobreccia	Limestone in the 8 - 33' interval, minor vugs.
100.7 - 106' (1.6 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/6 50

HOLE NUMBER
1223
(Beds dip at 35°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 183' 49 m (40.7 m ²)	Aguathuna Formation	Light grey dolostone.
183 - 244' 18.4 m (15.2 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 199'.
244.3 - 247'	Catoche pseudobreccia	
	Fault	
250 - 257'	Aguathuna Formation	
257 - 315' 17.5 m (14.5 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 272'.
315 - 450' 40.5 m (33.7 m ²)	Catoche dolomite and pseudobreccia	Some porosity.

NFLD. MASTER
NUMBER
12I/6 51

HOLE NUMBER
1226
(Beds dip at 30°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30 - 198' (44.35 m ²)	Aguathuna Formation	Laminated and mottled dolostone.
198 - 252' (14.25 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker at 211'.
252 - 428' (46.45 m ²)	Catoche dolomite and pseudobreccia	Limestone unit at 278' - 291'.

NFLD. MASTER
NUMBER
12I/6 52

HOLE NUMBER
1254

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 53

HOLE NUMBER
1295

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 54

HOLE NUMBER
1299

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 55

HOLE NUMBER
1300

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12I/6 56

HOLE NUMBER
1303
(Dip of beds 25°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 101' 26.1 m (24.1 m ²)	Aguathuna Formation	Laminated and mottled dolostone.
101 - 151.5' (13.94 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 113'.
151.5 - 281' (35.8 m ²)	Catoche dolomite and pseudobreccia	Some good porosity with vugs in poor pseudobreccia.

NFLD. MASTER
NUMBER
121/6 57

HOLE NUMBER
1380

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24 - 757' (220.00 m)	Table Point Formation	Dolomitized Table Point, vuggy, Spring Inlet Member is 649' - 757': upper 20' is fenestral limestone, then 46' nodular grey limestone; basal 42' of dolostone; 465' - 513' pseudobreccia.
757 - 800' (12.8 m)	Aguathuna Formation	

NFLD. MASTER
NUMBER
121/6 58

HOLE NUMBER
1381

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 98' (27.00 m)	Berry Head Formation or Boat Harbour Formation?	Mottled and laminated dolostones, some chert.

NFLD. MASTER
NUMBER
121/6 59

HOLE NUMBER
1506

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 300' (90 m)	Not cored	Table Point/Aguathuna contact at about 150'.
300 - 354' (16.2 m)	Aguathuna Formation	Laminated and mottled dolostone.
354 - 399' (13.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 365'.
399 - 520' (36.3 m)	Catoche dolomite and pseudobreccia	Limestone from 421' - 450'.

NFLD. MASTER
NUMBER
12/6 60

HOLE NUMBER
1509

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 477' (134.1 m)	Table Point Formation? No core taken.	Probably mostly Table Point plus approximately 20' of overburden.
477 - 527' (15.0 m)	Table Point Formation	Dark grey limestone.
527 - 715' (56.4 m)	Aguathuna Formation	Dolostone.
715 - 768' (15.9 m)	Dark grey dolomite	Worms marker - 728'.
768 - 900' (39.6 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
12/6 61

HOLE NUMBER
1511

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 180'	Aguathuna Formation?	No core - probably Aguathuna only.
180 - 230.5' (15.15 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 191' - 193'.
230.5 - 339' (41.5 m)	Catoche dolomite and pseudobreccia	Light grey stylolitic limestone at 262' - 265': weak to moderate pseudobreccia. <u>NB</u> Most limestones in the Catoche dolomite are either of light grey type suggestive of grainstone at top of meter-scale cycles or dark grey to buff grey, razor or massive limestones suggestive of muddier limestones of lower half of meter-scale cycles.

NFLD. MASTER
NUMBER
12/6 62

HOLE NUMBER
1515

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
18 - 105' (26.1 m)	Catoche dolomite and pseudobreccia	With lower half just light grey dolostone with poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 63

HOLE NUMBER
1516

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 158' (41.4 m)	Table Cove Formation	Black argillite, thin limestone decreasing downward.
158 - 244' (25.8 m)	Table Point Formation	Grey limestone.

NFLD. MASTER
NUMBER
12I/6 64

HOLE NUMBER
1517

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
60 - 899' (251.7 m)	No core description	Probably begins in Table Point Formation.
899 - 940.5' (12.45 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 902.5' - 904.5'.

NFLD. MASTER
NUMBER
12I/6 65

HOLE NUMBER
1519

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 779' (230 m)	No core description	Probably begins in Table Point Formation.
779 - 788' (2.7 m)	Aguathuna Formation	Dolostone.
788 - 842' (16.2 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 802' - 804'.
842 - 977' (40.5 m)	Catoche dolomite and pseudobreccia	Catoche pseudobreccia and dolomite to 958' and dolomite continuing to 977'.

NFLD. MASTER
NUMBER
12I/6 66

HOLE NUMBER
1520

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 100' (24 m)	No core description	Probably Aguathuna Formation.
100 - 107' (2.1 m)	Aguathuna Formation	Dolostone.

107 - 154'	(14.1 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 123' - 125'.
154 - 269'	(34.5 m)	Catoche dolomite and pseudobreccia	Limestone interbedded 175' - 221', and 231' - 259': limestone is burrowed, dolomite fine grained. True pseudobreccia may be only from 154' - 175' (ie. 6.45 m thick).
269 - 273'	(1.2 m)	Catoche limestone	

**NFLD. MASTER
NUMBER
12I/6 67**

**HOLE NUMBER
1525**

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
22 - 550'	(158.4 m)	No core description	Probably Table Point Formation at top.
550 - 730.5'	(54.15 m)	Aguathuna Formation	Dolostone.
730.5 - 764'	(10 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 739' - 740'.
764 - 911'	(44.1 m)	Catoche dolomite and pseudobreccia	
911 - 918'	(2.1 m)	Catoche limestone	

**NFLD. MASTER
NUMBER
12I/6 68**

**HOLE NUMBER
1528**

UNIT THICKNESS		UNIT NAME	UNIT DESCRIPTION
0 - 592'	(177.6 m)	Table Point Formation	No core to 700'.
592 - 919'	(98 m thick?)	Aguathuna Formation	Dolostone and shale.
919 - 68'	(14.7 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 934' - 936'.
968 - 975.5'	(2.25 m)	Catoche dolomite and pseudobreccia	Pseudobreccia are moderately developed.
975 - 1057'	(24.5 m)	Catoche limestone	Interbedded with dark grey dolomite and pseudobreccia. 24' dolomite = 29.26% of this part of section.

NFLD. MASTER
NUMBER
12I/6 69

HOLE NUMBER
1530

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 456' (136.8 m)	Table Point Formation	Limestone. No core to 650'.
456 - 655' (59.7 m)	Aguathuna Formation	Dolostone.
655 - 695' (12.2 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 662' - 665'.
695 - 811' (35.4 m)	Catoche dolomite, pseudobreccia and limestone	Upper and lower pseudobreccia, mostly limestone and few dark and light grey dolomite (total 61' of dolomite = 52% of unit).

NFLD. MASTER
NUMBER
12I/6 70

HOLE NUMBER
1532

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 200' (56.4 m)	Aguathuna Formation	Dolostones; no core to 200.
200 - 236' (10.8 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 204' - 206'.
236 - 427' (57.3 m)	Catoche dolomite and pseudobreccia	Pseudobreccia to 384' (ie. 44.4 m). NB No limestone.

NFLD. MASTER
NUMBER
12I/6 71

HOLE NUMBER
1533

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 300' (85.8 m)	Table Point Formation	Limestone?
300 - 730' (129.0 m?)	Aguathuna Formation	Dolostone.
730 - 781' (15.3 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 744' - 746'.
781 - 923.6' (42.78 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.
923.6 - 930' (22 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/6 72

HOLE NUMBER
1534

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 460' (133.8 m)	Table Point Formation?	Limestone?
460 - 715.5' (76.65 m)	Aguathuna Formation	Dolostone.
715.5 - 767.5' (15.75 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 732' - 735'
767.5 - 890' (36.75 m)	Catoche dolomite and pseudobreccia	Weak pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 73

HOLE NUMBER
1536

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 325' (97.5 m)	Table Point Formation	Limestone.
325 - 552' (68.1 m)	Aguathuna Formation	Dolostone and breccia.
552 - 585.5' (10.05 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 552' - 554'.
585.5 - 687' (30.45 m)	Catoche dolomite and pseudobreccia	Weak pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 74

HOLE NUMBER
1542

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 66' (15.6 m)	Boat Harbour Formation?	Light grey to grey dolomite, minor pseudobreccia.
66 - 139' (21.9 m)	Watts Bight Formation and grey dolomite	

NFLD. MASTER
NUMBER
12I/6 75

HOLE NUMBER
1546

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
9 - 83' (22.2 m)	Table Point Formation	Limestone.
83 - 296' (63.9 m)	Aguathuna Formation	Dolostone and shale.
296 - 330.5' (10.35 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 299' - 301'.
330.5 - 427' (28.95 m)	Catoche dolomite and pseudobreccia	Weak pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 76

HOLE NUMBER
1549

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
16 - 50' (10.2 m)	Aguathuna Formation	Dolostone.
50 - 82' (9.6 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 51' - 53'.
82 - 226.3' (43.29 m)	Catoche dolomite and pseudobreccia	Weak pseudobreccia.
226.3 - 247' (6.2 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/6 77

HOLE NUMBER
1550

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 344' (103.2 m)	Table Point Formation	Limestone, no core to 498'.
344 - 524' (54.0 m)	Aguathuna Formation	Dolostone and shale.
524 - 569' (13.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 536' - 537.5'.
569 - 682' (33.9 m)	Catoche dolomite and pseudobreccia	Weak to good pseudobreccia.
682 - 707' (7.5 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12/6 78

HOLE NUMBER
1551
(No core to 595')

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 397' (119 m)	Table Point Formation	Limestone.
397 - 587' (57.0 m)	Aguathuna Formation	Dolostone.
587 - 632' (13.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 597' - 599'.
632 - 740' (32.4 m)	Catoche dolomite and pseudobreccia	Weak pseudobreccia.

NFLD. MASTER
NUMBER
12/6 79

HOLE NUMBER
1553

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 265' (79.5 m)	Table Point Formation	Limestone.
265 - 440' (53.3 m)	Aguathuna Formation	Dolostone.
440 - 474.5' (10.25 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 443.5' - 445'.
474.5 - 580' (31.65 m)	Catoche dolomite and pseudobreccia	Moderate to weak pseudobreccia.

NFLD. MASTER
NUMBER
12/6 80

HOLE NUMBER
1556
(No core to 640')

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
25 - 417' (117.6 m)	Table Point Formation	Limestone and breccia.
417 - 620' (60.9 m)	Aguathuna Formation	Dolostone.
620 - 677.7 (17.3 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 640'.
677.7 - 761' (25.2 m)	Catoche dolomite and pseudobreccia	Weak to good pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 81

HOLE NUMBER
1563

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10.5 - 77' (20.3 m)	Catoche dolomite and pseudobreccia	Good to weak pseudobreccia.
77 - 100' (6.9 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/6 82

HOLE NUMBER
1567
(Dip 65° - 80°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24 - 152' (12.1 m)	Catoche limestone	Dolomitized and faulted.

NFLD. MASTER
NUMBER
12I/6 83

HOLE NUMBER
1569

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
22 - 181' (47.7 m)	Aguathuna Formation	Dolostone and shale.
181 - 225.5' (13.35 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 190.5' - 193', local breccia.
225.5 - 325' (29.85 m)	Catoche dolomite and pseudobreccia	Poor to moderate pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 84

HOLE NUMBER
1571
(No core to 570')

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 407' (119 m)	Table Point Formation	Grey limestone, Spring Inlet member - 324'-407' - fenestral limestone and dolostone, grey limestone.
407 - 638.5' (69.3 m)	Aguathuna Formation	Dolostone and shale.
638.5 - 688.5' (4.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 649.5' - 651.5'.
688.5 - 800' (33.45 m)	Catoche dolomite and pseudobreccia	Weak to good pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 85

HOLE NUMBER
1575
(Beds dip 30° - 40°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
26 - 111' (25.9 m)	Table Point Formation	Limestone with much dolomitization.
111 - 320' (51.3 m)	Aguathuna Formation	Possible faulted section.
320 - 375' (16.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 328' - 329.5'.
375 - 450' (22.5 m)	Catoche dolomite and pseudobreccia	Weak to moderate pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 86

HOLE NUMBER
1580
(No core to 240')

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
17 - 234' (56.3 m)	Aguathuna Formation	Dolostone.
234 - 286.5' (16 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 248' - 250'.
286.5 - 374' (26.25 m)	Catoche dolomite and pseudobreccia	Moderate pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 87

HOLE NUMBER
1591

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
25 - 141.8' (35.0 m)	Aguathuna Formation	Dolostone.
141.8 - 189.5' (14.3 m)	Aguathuna Formation	Dark grey dolomite.
189.5 - 295' (31.65 m)	Catoche dolomite and pseudobreccia	Some limestone. Fault at 290'.

NFLD. MASTER
NUMBER
121/6 88

HOLE NUMBER
1597
(Beds dip 40° - 50°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
16 - 173' (33 m ²)	Aguathuna Formation	Dolostone.
173 - 251.4' (16.8 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 199' - 201'.
251.4 - 277.5' (3.88 m ²)	Catoche dolomite and pseudobreccia	
	Fault Zone	
277.5 - 383' (18.15 m ²)	Aguathuna Formation	Dolostone and shale, bedding dips 40° -70°.

NFLD. MASTER
NUMBER
121/6 89

HOLE NUMBER
1598

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
18 - 110' (27.6 m)	Catoche limestone	

NFLD. MASTER
NUMBER
121/6 90

HOLE NUMBER
1599

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
13 - 80'	Catoche limestone	

NFLD. HOLE NUMBER
121/6 91

HOLE NUMBER
1863

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12/6 92

HOLE NUMBER
1865

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12/6 93

HOLE NUMBER
1868

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
No log available.		

NFLD. MASTER
NUMBER
12/6 94

HOLE NUMBER
1897
(Beds dip 20° - 30°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 79' (16.04 m ²)	Table Point Formation	Limestone plus some laminated dolostone in lower 9'.
79 - 282' (55.2 m ²)	Aguathuna Formation	Dolostone and shale.
282 - 335.9' (14.7 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 292' - 296.5'.
335.9 - 455' (32.62 m ²)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
12/6 95

HOLE NUMBER
1903

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 11'	Aguathuna Formation	Dark grey dolomite.
11 - 120' (34 m)	Catoche dolomite	Weak pseudobreccia and fine dolostone with limestone between 44' - 80' and 93' - 117'.

NFLD. MASTER NUMBER 12I/6 96		HOLE NUMBER 1907	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
6 - 60' (16.2 m)	Catoche dolomite	Moderate pseudobreccia, fine dolostone, limestone 20' - 27'.	

NFLD. MASTER NUMBER 12I/6 97		HOLE NUMBER 1911	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
7 - 75' (20.4 m)	Catoche dolomite	Fine dolostone and pseudobreccia; vuggy in lower part.	

NFLD. MASTER NUMBER 12I/6 98		HOLE NUMBER 1916	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
8 - 24' (4.8 m)	Aguathuna Formation	Dark grey dolomite: some limestone between 12.8' - 13.5'.	
24 - 120' (28.8 m)	Catoche dolomite	Limestone from 24' - 69'; rest is pseudobreccia and fine dolostone.	

NFLD. MASTER NUMBER 12I/6 99		HOLE NUMBER 1918	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
6 - 90' (25.2 m)	Catoche dolomite	Pseudobreccia, fine dolostone.	

NFLD. MASTER NUMBER 12I/6 100		HOLE NUMBER 1921	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
8 - 109' (29.7 m)	Catoche dolomite	Weak pseudobreccia and fine dolostone.	

NFLD. MASTER
NUMBER
12/6 101

HOLE NUMBER
1925
(30° dip)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 92' (24.6 m)	Catoche dolomite	Weak pseudobreccia and fine dolostone.
92 - 95' (1.0 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12/6 102

HOLE NUMBER
1926
(20°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 30'	Aguathuna Formation	Dolostone.
	Fault	
30 - 75' (12.7 m°)	Aguathuna Formation	Dark grey dolomite; Worms marker - 31' - 32.8'.
75 - 175' (28.6 m°)	Catoche dolomite	Good pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12/6 103

HOLE NUMBER
1927
(10° dip)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
56 - 600' (163.3 m°)	Table Point Formation	Limestone, dolomite and pseudobreccia 422' - 465'.
600 - 778' (53.4 m°)	Aguathuna Formation	Dolostone, shale, chert.
778 - 847' (19.6 m°)	Aguathuna Formation	Dark grey dolomite; Worms marker - 811.5' - 813.7'.
847 - 974' (38.1 m°)	Catoche dolomite	Good pseudobreccia and fine dolostone.

NFLD. MASTER
NUMBER
12/6 104

HOLE NUMBER
1929
(No core to 476' - Beds dip at 30° below fault)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
30 - 290' (78 m)	Table Point Formation	Limestone.
290 - 544' (76.2 m)	Aguathuna Formation	Dolostone.

544 - 594'	(15 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 562' - 565'; Bitumen in fractures.
594 - 658'	(19.2 m)	Fault - repeated Aguathuna Formation	
658 - 763'	31.5 m (27.27 m ²)	Aguathuna Formation	
763 - 842'	(20.52 m ²)	Aguathuna Formation	Dark grey dolomite; mostly matrix breccia; Worms marker - 797' - 799'.
842 - 957'	(29.87 m ²)	Catoche dolomite and pseudobreccia	Patchy pseudobreccia; some sphalerite and galena.

NFLD. MASTER
NUMBER
121/6 105

HOLE NUMBER
1937

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
12 - 100'	(26.4 m)	Aguathuna Formation	Dolostone.
100 - 146'	(13.8 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 111.5' - 113.7'.
146 - 257'	(33 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
121/6 106

HOLE NUMBER
1939

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
14 - 158'	(43.2 m)	Aguathuna Formation	Dolostone.
158 - 206'	(14.4 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 170' - 172'.
206 - 321'	34.5 m (23.9 m ²)	Catoche dolomite and pseudobreccia	Moderate pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 107

HOLE NUMBER
1943

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
16 - 19' (1 m)	Aguathuna Formation	Dark grey dolomite.
19 - 145' (37.8 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia; vuggy, limestone at 54' - 79' and 138' - 142'; % dolomite 76%. Limestone - light grey, fine grained.

NFLD. MASTER
NUMBER
12I/6 108

HOLE NUMBER
1963

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
26 - 47' (6.4 m)	Catoche dolomite and pseudobreccia	Includes limestone.
47 - 100' (16.2 m)	Catoche limestone	Dolomite and pseudobreccia over 2' interval.

NFLD. MASTER
NUMBER
12I/6 109

HOLE NUMBER
1965
(Beds dip 25° - 30°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
26 - 221'	Aguathuna Formation	Dolostone and shale.
221 - 306' (23.1 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 262' - 264'.
306 - 409' (27.53 m)	Catoche dolomite and pseudobreccia	Good pseudobreccia.
	Fault	
409 - 535' (12.92 m)	Catoche dolomite and pseudobreccia	Beds dip 70°, very good pseudobreccia.
	Main Fault	
535 - 621' (25.8 m)	Catoche dolomite and pseudobreccia	Horizontal bedding, good to poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 110

HOLE NUMBER
1967

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
31 - 155' (37.2 m)	Table Point Formation	Limestone: Spring Inlet Member of limestone, dolostone and fenestral light grey limestone 136' - 155'.
155 - 347.5' (57.6 m)	Aguathuna Formation	Dolostone, shale.
347.5 - 397' (14.9 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 360' - 362'.
397 - 530' (39.9 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 111

HOLE NUMBER
1970

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 16.5' (0.6 m)	Aguathuna Formation	Dark grey dolomite.
16.5 - 130' (34 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia - dark grey to grey color - this suggests no grainstones at top of cycles?

NFLD. MASTER
NUMBER
12I/6 112

HOLE NUMBER
1973

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
420 - 60.8' (5.6 m)	Aguathuna Formation	Dark grey dolomite.
60.8 - 170' (33 m)	Catoche dolomite and pseudobreccia	Generally poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 110

HOLE NUMBER
1967

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
31 - 155' (37.2 m)	Table Point Formation	Limestone: Spring Inlet Member of limestone, dolostone and fenestral light grey limestone 136' - 155'.
155 - 347.5' (57.6 m)	Aguathuna Formation	Dolostone, shale.
347.5 - 397' (14.9 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 360' - 362'.
397 - 530' (39.9 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 111

HOLE NUMBER
1970

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 16.5' (0.6 m)	Aguathuna Formation	Dark grey dolomite.
16.5 - 130' (34 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia - dark grey to grey color - this suggests no grainstones at top of cycles?

NFLD. MASTER
NUMBER
12I/6 112

HOLE NUMBER
1973

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
420 - 60.8' (5.6 m)	Aguathuna Formation	Dark grey dolomite.
60.8 - 170' (33 m)	Catoche dolomite and pseudobreccia	Generally poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 113

HOLE NUMBER
1975

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 37.8' (5.4 m)	Aguathuna Formation	Dark grey dolomite.
37.8 - 170' (39.6 m)	Catoche dolomite and pseudobreccia	Poor to moderate pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 114

HOLE NUMBER
1979

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
9 - 39' (9 m)	Aguathuna Formation	Dark grey dolomite.
39 - 160' (36 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 115

HOLE NUMBER
1998

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
17.5 - 44.9' (8.22 m)	Aguathuna Formation	Dark grey dolomite; veined.
44.9 - 140' (29.0 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia.

NFLD. MASTER
NUMBER
12I/6 116

HOLE NUMBER
2027
(Bedding 20° - 25°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
13 - 153' (42.9 m ²)	Table Point Formation	Limestone: Spring Inlet Member of limestone and dolostone 139' - 153'.
153 - 352' (55.8 m ²)	Aguathuna Formation	Dolostone, shale.
352' - 404' (14.5 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 366' - 368'.
404' - 510' (29.2 m ²)	Catoche dolomite and pseudobreccia	Poor pseudobreccia, limestone at 409' - 415', 420' - 478', % dolomite - 39.6%.

NFLD. MASTER
NUMBER
12I/6 117

HOLE NUMBER
2029

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
26.5 - 63' (11 m)	Aguathuna Formation	Dolostone.
63 - 117' (16.2 m)	Aguathuna Formation	Dark grey dolomite; poor Worms marker 79' - 80'.
117 - 230' (33.9 m)	Catoche dolomite and pseudobreccia	Poor pseudobreccia. Minor Sphalerite .

NFLD. MASTER
NUMBER
12I/6 118

HOLE NUMBER
2293
(Beds dip 10°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 185' (53 m ²)	Table Point Formation	Dolomitized fenestral, burrowed, nodular, suggesting thick Spring Inlet Marker.
185 - 577.6' (121.5 m ²)	Aguathuna Formation	Dolostone, shale, local breccia.
577.6 - 626' (14.7 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 594' - 595.5'.
626 - 714' (25.9 m ²)	Catoche dolomite and pseudobreccia	Bituminous matrix breccia 675' - 680', local bedding collapse to 25°.

NFLD. MASTER
NUMBER
12I/6 119

HOLE NUMBER
2460
(10° - 15° bedding)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 157.4' (43 m ²)	Table Point Formation	Dolomitized fenestral, nodular to stylo bedded and mottled. All Springs Inlet Member.
157 - 575' (122 m ²)	Aguathuna Formation	Dolostone, shale, chert; collapsed breccia especially at base, dark grey dolomite markers at 566' - 568'. Upper 157' - 180' - Upper Aguathuna.
575 - 720' (43.5 m ²)	Catoche dolomite	Mostly matrix breccia, some porosity. <u>NB</u> This hole has middle Aguathuna. (See Knight, et al, 1991)

NFLD. MASTER
NUMBER
12I/6 120

HOLE NUMBER
2461

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 156' (43.2 m)	Table Point Formation	Dolomites after fenestral, mottled, nodular and stylo bedded carbonate: all Springs Inlet Member.
156 - 631' (123.4 m ^c)	Aguathuna Formation	Dolostone, shale, chert, brecciated from 363' - 631'. Shales and limestone 179' - 326' include chert sands 20° - 40° bedding. This consists of upper (-179'), middle (-326') and Lower Aguathuna.
631 - 779' (22.8 m ^c)	Aguathuna Formation	Dark grey dolomite with Aguathuna laminates but all brecciated.
719 - 750' (8 m)	Catoche dolomite	All breccia, very dark grey.

NFLD. MASTER
NUMBER
12I/6 121

HOLE NUMBER
2733
(Beds dip 20° - 50°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 426' (103.7 m)	Catoche Formation	All dolomitized, stylo-bedded plus poor pseudobreccia, some porosity.
426 - 739.5' (76.9 m ^c)	Boat Harbour Formation	Dololaminates and dolomitized massive and brecciated carbonate. Breccias begin at 616' to 739'. There are some breccia higher in section. Basal breccia 30m ^c .
739.5 - 801' (17.75 m ^c)	Watts Bight Formation	Mottled dolostones and some dololaminate? Top of Watts Bight may be 719' suggesting some of it is brecciated.

NFLD. MASTER
NUMBER
12I/6 122

HOLE NUMBER
2741

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 373' (110 m)	Catoche Formation	6' - 153' pseudobreccia and dolomite (44 m) 153' - 373', Catoche limestone (66 m).
373 - 676' (90.9 m)	Boat Harbour Formation	Limestones and dolostones. Matrix breccia at 664' - 676'.

NFLD. MASTER
NUMBER
12I/6

HOLE NUMBER
515
(Beds dip 5 - 15°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
16 - 265' (73.6 m ²)	Table Point Formation	All dolomitized to 244', porosity 1-10%; some porosity partly cemented by spar.
265 - 456' (56.4 m ²)	Aguathuna Formation	265' - 303' possible dolomitized Table Point.
456 - 500' (13.2 m ²)	Aguathuna Formation	Dark grey dolomite.
500 - 631' (38.7 m ²)	Catoche dolomite and pseudobreccia	Interbeds of limestone at 500' - 508'; 533' - 555', 606' - 611', 26% limestone.
631 - 651' (6.0 m ²)	Catoche limestone	Dolomitic limestone.

NFLD. MASTER
NUMBER
12I/6

HOLE NUMBER
517
(Beds dip 40° - 45°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 49' (6.5 m ²)	Aguathuna Formation	Dark grey dolomite; fault breccias common.
49 - 294' (54.4 m ²)	Catoche dolomite and pseudobreccia	Dolomitic limestone between 49' - 71', 110' - 133': Catoche dolomite?
294 - 387' (20.6 m ²)	Catoche limestone	Dolomitic limestone, bituminous, dip 45°.

NFLD. MASTER
NUMBER
12I/6

HOLE NUMBER
524

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0' - 203' (61 m)	Catoche Formation	Dolomitic limestone, fine grained, heavily veined with 2 - 3% fracture porosity, and other vugs. 102' - 121' veined dolomite with vuggy porosity: heavily vein fractured in zones near base. Is this Table Head or Catoche? - no suggestion is made in the log - based on log 520, it looks like Catoche.

NFLD. MASTER NUMBER 12I/6	HOLE NUMBER 532 (Beds dip 35° - 50°)
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 141' (29.8 m°)	Catoche limestone	Dolomites replace limestone. 12% porosity in sucrosic dolomite throughout.

NFLD. MASTER NUMBER 12I/6	HOLE NUMBER 552
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
24 - 390' (110 m)	Table Point Formation	24' - 85' & 116' - 130' vuggy dolomite; rest is dolomitized limestone; highly fractured dolomite at 290' - 390' suggesting proximity of dipping fault zone between drill holes 12I/6 552 and drill hole 12I/6 1510 and drill hole 12I/6 1528.

NFLD. MASTER NUMBER 12I/6	HOLE NUMBER 879
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 53.6' (12 m)	Boat Harbour Formation	Intercalated limestone and laminated dolostone.
53.6 - 197.5' (43.2 m)	Boat Harbour Formation	Dolostone: includes laminate.
197.5 - 242' (13.65 m)	Boat Harbour Formation	Breccia.

NFLD. MASTER NUMBER 12I/6	HOLE NUMBER 946
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 133'	Catoche dolomite	Some vugs.
133 - 300'	Catoche limestone	

NFLD. MASTER NUMBER 12I/6	HOLE NUMBER 1514
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
17 - 652' (190.5 m)	Table Point Formation	Limestone.

NFLD. MASTER NUMBER 12I/6 HOLE NUMBER 2301 (Beds dip 10°)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
63 - 316' (74.7 m ²)	Black Cove Shale	
316 - 435' (35.15 m ²)	Table Cove Formation	Limestone and shale.
435 - 1258' (243.1 m ²)	Table Point Formation	Dolomitized largely from 891' - 1131', vuggy Spring Inlet Member from 1102' - 1258' (46.8 m).
1258 - 1524' (78.58 m ²)	Aguathuna Formation	Dolostone, shale.
1524 - 1574' (14.7 m ²)	Aguathuna Formation	Dark grey dolomite; Worms marker - 1541' - 1543'.
1574 - 1705' (38.7 m ²)	Catoche dolomite and pseudobreccia	Some vuggy dolomite towards base: poor to good pseudobreccia improves upwards.

NFLD. MASTER NUMBER 12I/6 HOLE NUMBER 2441

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 474' (124.3 m)	Table Point Formation	12' - 420' (122.9 m) limestone; vuggy dolomite 27' - 68'; Spring Inlet Member: 420' - 474' (16.2 m) - fenestral.

NFLD. MASTER NUMBER 12I/6 HOLE NUMBER 2462 (in Trout Lake Breccia)

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
16 - 113' (29 m)	Spring Inlet Member	All dolomitized, vuggy for top 37'

113 - 650'	(161 m)	Aguathuna Formation	113' - 131' (5.4 m) - Upper Aguathuna: calcareous dolomite: 131' - 244' (34 m) Middle Aguathuna - mottled and laminated: 244' - 650' (122 m) - Lower Aguathuna: 371' - 650' - brecciated.
650 - 732'	(24.6 m)	Aguathuna Formation	Catoche dolomite and dark grey dolomite. Brecciated, bituminous matrix.

NFLD. MASTER
NUMBER
121/6

HOLE NUMBER
2485

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
19 - 329'	(93 m)	Table Point Formation	All dolomitized. Upper limestone 19' - 163' (43.2 m); Spring Inlet Member: fenestral: 163' - 329' (50 m), lower 2' vuggy.
329 - 533'	(61.2 m)	Aguathuna Formation	Upper Aguathuna 329' - 344' (4.5 m); Cover 344' - 533'.
533 - 578'	(13.5 m)	Aguathuna Formation	Dark grey dolomite; Worms marker: 549'-550'.
578 - 688'	(33 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
121/6

HOLE NUMBER
2611

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
37 - 393'	(106.8 m)	Table Point Formation	Upper limestone - 37' - 238': vuggy dolomite 223' - 238'; 238' - 393' (46.5 m) Spring Inlet Member: limestone, same dolostone: fenestral.
393 - 592'	(59.7 m)	Aguathuna Formation	393'- 409' (4.8 m) Upper Aguathuna Formation.
592 - 639'	(14 m)	Aguathuna Formation	Dark grey dolomite; Worms marker - 609'-611'.
639 - 737'	(29.4 m)	Catoche dolomite and pseudobreccia	

NFLD. MASTER
NUMBER
12I/6

HOLE NUMBER
2622

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
10 - 354' (103 m)	Table Point Formation	All dolomitized 10' - 214' (61.2 m) upper limestone: 214' - 354' (42 m) Spring Inlet Member: fenestral fabrics preserved.

NFLD. MASTER
NUMBER
12I/6

HOLE NUMBER
2737

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 399' (117 m)	Catoche Formation	Begins in the pseudobreccia, to 178' = 51 m. Only minor limestone between 256' - 273'; rest is dolomite.
399 - 719' (96 m)	Boat Harbour Formation	Dolomite, dololaminate, some limestone, pseudobreccia. Breccias below 578'.
719 - 800' (24.3 m)	Watts Bight Formation	

NFLD. MASTER
NUMBER
12I/11 1

HOLE NUMBER
WK - 76 - 1

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4.8 - 28.7 m	Catoche dolomite	Dark grey dolomite, bioturbated, some porosity.

NFLD. MASTER
NUMBER
12I/11 2

HOLE NUMBER
WK - 76 - 2

90°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3.0 - 38.5 m	Table Point Formation	Porous, mottled and fossiliferous dolostone.
38.5 - 45 m	Aguathuna Formation	Dolostone, microcrystalline, some mottled at base, and dark grey dolostone.

NFLD. MASTER
NUMBER
12I/11 3

HOLE NUMBER
WK - 76 - 3

90°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.2 - 18.8 m	Table Point Formation	Grey mottled limestone.
18.8 - 27.8 m	Table Point Formation	Interbedded limestone and secondary? dolostone.

NFLD. MASTER
NUMBER
12I/11 4

HOLE NUMBER
WK - 76 - 4

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3.0 - 41.75 m	Table Point Formation	Crystalline, vuggy dolostone, some chert.

NFLD. MASTER
NUMBER
12I/11 5

HOLE NUMBER
WK - 76 - 5

90°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.5 - 45.5 m	Table Point Formation	Porous and vuggy dolostones, pseudobreccia, mottled and laminated.

NFLD. MASTER NUMBER 12/11 6	HOLE NUMBER WK - 76 - 6	90°
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.5 - 42 m	Table Point Formation	Porous and vuggy dolostone, mottled, laminated, fenestral.
42 - 46.2 m	Table Point Formation	Limestone with some dolomitization.

NFLD. MASTER NUMBER 12/11 7	HOLE NUMBER WK - 76 - 7	90°
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0.75 - 23.7 m	Table Point Formation	Grainy and muddy limestone.
23.7 - 26 m	Table Point Formation	Dolomite: vuggy and porous.
26 - 45.2 m	Table Point Formation	Limestone: fossiliferous, peloidal wackestone packstone.

NFLD. MASTER NUMBER 12/11 8	HOLE NUMBER PC - 79 - 1	
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UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5.0 - 8.45 m (3.45 m)	Table Point Formation	Dolomite limestone; nodular and grainy, fossiliferous.
8.45 - 17.42 m (8.97 m)	Table Point Formation	Dolomite replacing fossiliferous, nodular carbonate; porosity, <u>pyrobitumen</u> .
17.45 - 25.3 m (7.85 m)	Table Point Formation	Dolostone with mottled and fenestral ghosts; porous with <u>pyrobitumen</u> .
25.3 - 38.25 m (12.95 m)	Aguathuna Formation	Dolostone - lamination, soft deformation, burrows, chert.
38.25 - 42.5 m (4.35 m)	Aguathuna Formation	Dark grey dolomite, burrowed.
42.5 - 89.2 m (47.7 m)	Catoche dolomite	Pseudobreccia; minor limestone at 88 m.
89.2 - 92.38 m (3.18 m)	Catoche limestone	Dolomitic limestone.

NFLD. MASTER
NUMBER
12/11 9

HOLE NUMBER
PC - 79 - 2

88°

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5.75 - 22.1 m (16.45 m)	Table Point Formation	Porous dolomite after fossiliferous, grainy and burrowed carbonates, pyrobitumen.
22.1 - 39.05 m (16.95 m)	Aguathuna Formation	Aguathuna in part: dolostone, burrowed, laminated, deformed, chert nodules: local vugs at 38.4' with pyrobitumen predating coarse spar.
39.05 - 42.3 m (3.25 m)	Aguathuna Formation	Dark grey dolomite.
42.3 - 90.6 m (48.3 m)	Catoche dolomite	Dolostone and pseudobreccia.
90.6 - 99.97 m (91.7 m)	Catoche limestone	Dolomitic, fossiliferous, burrows.

NFLD. MASTER
NUMBER
12/11 10

HOLE NUMBER
PC - 79 - 3

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.25 - 22.8 m (21.55 m)	Table Point Formation	Nodular, fossiliferous grey limestone.
22.8 - 29.6 m (6.8 m)	Table Point Formation	Dolomitized.
29.6 - 51.1 m (22.5 m)	Aguathuna Formation	Aguathuna Formation in part: dolostone mottled, laminated, soft deformation.
51.1 - 55.5 m (4.4 m)	Aguathuna Formation	Dark grey dolomite: borrowed.
55.5 - 99.45 m (43.95 m)	Catoche dolomite	Pseudobreccia, and fine dolostone.
99.45 - 103.02 m (3.67 m)	Catoche limestone	Dolomitic, fossiliferous.

NFLD. MASTER
NUMBER
12I/11 11

HOLE NUMBER
936

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
18.0 - 107'	Catoche dolomite	Dolostone, light grey, fine grained, local breccia.
107 - 178'	Catoche limestone	Limestone; grey, micritic, argillaceous.
178 - 258'	Catoche Formation	Dolostone; grey, fine grained.

NFLD. MASTER
NUMBER
12I/11 13

HOLE NUMBER
938

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
48 - 113.8' (19.7 m)	Table Point Formation / Aguathuna Formation	Dolostone: light grey, fine grained, porous, mottled.
113.8 - 231.7' (35.4 m)	Catoche dolomite	Dolostone and minor pseudobreccia.
231.7 - 276' (13.2 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12I/11

HOLE NUMBER
947

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
12 - 105' (22 m)	Table Point Formation	Vuggy to fine grained dolomite.
105 - 127' (66 m)	Table Point Formation	Interbedded dolostone and limestone.
127 - 293' (56.4 m)	Table Point Formation	Light grey stylolitic limestone.

NFLD. MASTER
NUMBER
12I/11

HOLE NUMBER
PC - 79 - 4

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0.6 - 20.2 m (19.6 m)	Table Point Formation	Grey nodular, fossiliferous limestone.
20.2 - 34.95 m (14.75 m)	Table Point Formation	Dolomitized nodular and grainy carbonate; minor porosity.
34.95 - 51.4 m (16.45 m)	Aguathuna Formation in part	Dolostone, laminated soft deformation, burrows.
51.4 - 63.65 m (2.25 m)	Aguathuna Formation	Dark grey dolomite.
53.65 - 102.4 m (48.85 m)	Catoche dolomite	Pseudobreccia, and fine dolostone.
102.4 - 121.16 m (18.76 m)	Catoche limestone	

NFLD. MASTER NUMBER 12P/1 1		HOLE NUMBER 3694H-1	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
4 - 100' (28.8 m)	Berry Head Formation, Port au Port Group	Light grey - grey fine dolostone, some chert, sphalerite trace.	

NFLD. MASTER NUMBER 12P/1 2		HOLE NUMBER 3694H-2	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
0 - 300' (90 m)	Berry Head Formation?	Grey dolostone, fine to medium grained, some porosity.	

NFLD. MASTER NUMBER 12P/1 3		HOLE NUMBER 3694H-3	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
4 - 114' (33 m)	Berry Head Formation	Grey dolomite, some pseudobreccia.	

NFLD. MASTER NUMBER 12P/1 4		HOLE NUMBER 3694H-4	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
4 - 100' (28.8 m)	Berry Head Formation?	Vari-grey dolostone.	

NFLD. MASTER NUMBER 12P/1 5		HOLE NUMBER 3694H-5	
UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION	
5 - 100' (28.5 m)	Berry Head Formation	Vari-grey dolostone: same vug porosity; some algae structure.	

NFLD. MASTER
NUMBER
12P/1 6

HOLE NUMBER
3694H-6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 100' (29.4 m)	Watts Bight or Berry Head Formation?	Vari-grey, laminated and mottled.

NFLD. MASTER
NUMBER
12P/1 7

HOLE NUMBER
3694H-7

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 100' (27.9 m)	Watts Bight Formation	Mottled vari-grey dolostone, chert.

NFLD. MASTER
NUMBER
12P/1 8

HOLE NUMBER
3694H-8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 121' (35.4 m)	Boat Harbour Formation	Grey limestone, mottled and laminated; some mottled dolomite.

NFLD. MASTER
NUMBER
12P/1 9

HOLE NUMBER
3694H-9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 100' (30 m)	Berry Head Formation	Grey dolostone.

NFLD. MASTER
NUMBER
12P/1 10

HOLE NUMBER
3694H-10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 100' (30 m)	Berry Head Formation	Vari-grey dolostone, mottled, laminated and massive.

NFLD. MASTER
NUMBER
12P/1 11

HOLE NUMBER
3694H-11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 100' (30 m)	Berry Head Formation	Vari-grey dolostone.

NFLD. MASTER
NUMBER
12P/1 12

HOLE NUMBER
7594H-1

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1 - 137' (41 m)	Catoche Formation	Dolomite mottled and stylolite grey limestone.
137 - 621' (145 m)	Boat Harbour Formation	Limestones and dolostones; pseudobreccia and vuggy dolomites near base.
621 - 781' (48 m)	Watts Bight Formation	Grey - tan grey mottled dolostones.

NFLD. MASTER
NUMBER
12P/1-13 to 12P/1-17

HOLE NUMBER
7594H-2 to 7594H-6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
	Catoche and top of Boat Harbour	

NFLD. MASTER
NUMBER
12P/1 14

HOLE NUMBER
7594H-3

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 7' (1.2 m)	Catoche Formation	Vuggy dolomite.
7 - 130' (36.9 m)	Catoche Formation	Burrowed limestone.
130 - 134' (1.2 m)	Boat Harbour Formation	Laminated limestone.
134 - 150' (4.8 m)	Boat Harbour Formation	Burrowed limestone.

NFLD. MASTER
NUMBER
12P/1 17

HOLE NUMBER
7594H-6

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
3 - 27' (7.2 m)	Catoche Formation	Pseudobreccia and vuggy dolomite.
27 - 53' (7.8 m)	Catoche limestone	

NFLD. MASTER
NUMBER
12P/1 18

HOLE NUMBER
7594H-7

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
1.5 - 80' (23.5 m)	Catoche Formation?	Interbedded limestone and dolostone.
80 - 168' (26.4 m)	Catoche Formation?	Vuggy dolomite and pseudobreccia.
168 - 375' (63.0 m)	Catoche Formation?	Limestone.
375 - 581' (46.85 m)	Boat Harbour Formation	Dolomites: laminated, massive and brecciated.

NFLD. MASTER
NUMBER
12P/1 19

HOLE NUMBER
7549H-21

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
14 - 42' (8.4 m)	Boat Harbour Formation	Dolostone, pseudobreccia.
42 - 193' (45.3 m)	Boat Harbour Formation	Matrix breccias.
193 - 428' (70.5 m)	Watts Bight Formation	Dark grey, sucrosic, massive dolomite, chert.

NFLD. MASTER
NUMBER
12P/8 1

HOLE NUMBER
79-1

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2.65 - 38.15 m (35.50 m)	Possibly March Point Formation, Port au Port Group	Dark grey and grey sucrosic to very fine dolostone. Local zones of porosity and permeability at 8.79 m - 14.04 m and 23.93 m - 25.15 m. Some black shales: pinpoint porosity and vugs - up to 15%.
38.15 - 42.67 m (4.52 m)		Limestone, some dolomite and shale.

NFLD. MASTER
NUMBER
12P/8 12

HOLE NUMBER
7594H-8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2.5 - 375' (111.6 m)		Limestone - grey, fine grained burrowed, some fossils.
375 - 400' (7.5 m)		Limestone and dolomitic limestone: includes laminated beds. Age is unknown.

NFLD. MASTER
NUMBER
12P/8 13

HOLE NUMBER
7594H-9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 328' (98.5 m)	Catoche Formation or Table Point Formation	Limestone: dark blue-grey, bioturbated dolomite, fossiliferous, some orthocones.
328 - 336' (2.4 m)	Boat Harbour Formation or Spring Inlet Member, Table Point Formation?	Burrowed and laminated limestone.
336 - 338' (0.6 m)	Boat Harbour Formation or Spring Inlet Member, Table Point Formation?	Dololaminate, intraformational breccia plus fossils.
338 - 400' (18.6 m)	Boat Harbour Formation or Spring Inlet Member, Table Point Formation?	Fossiliferous, stylolitic and laminated limestone and dolomitic limestone.

NFLD. MASTER
NUMBER
12P/8 14

HOLE NUMBER
7594H-10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
7 - 49' (8.9 m ²)	Boat Harbour Formation	Interbedded dolostone and limestone: some porosity.
49 - 72.5' (4.98 m ²)	Boat Harbour Formation	Matrix breccia - chert + dolostone in fine matrix.
72.5 - 102' (6.3 m ²)	Watts Bight Formation	Dark grey, sucrosic, partly brecciated.

NFLD. MASTER
NUMBER
12P/8 15

HOLE NUMBER
7594H-11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 52' (14.5 m)	Boat Harbour Formation	Dolostone and breccia: chert
52 - 100' (14.5 m)	Watts Bight Formation	Dark and light grey, sucrosic dolostone.

NFLD. MASTER
NUMBER
12P/8 16

HOLE NUMBER
7594H-12

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 32' (8.1 m)	Boat Harbour Formation	Matrix breccia.
32 - 95' (18.9 m)	Watts Bight Formation	Dark and light grey, sucrosic dolomite, some breccia, vuggy locally.

NFLD. MASTER
NUMBER
12P/8 17

HOLE NUMBER
7594H-13

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 47' (12.9 m)	Boat Harbour Formation	Limestone, dolostone and some breccia: vuggy porosity locally.

NFLD. MASTER
NUMBER
12P/8 18

HOLE NUMBER
7594H-14

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
2 - 38' (10.8 m)	Boat Harbour Formation	Matrix breccia.
38 - 129' (27.3 m)	Watts Bight Formation	Grey, light grey and dark grey, sucrosic dolostone, vuggy locally, laminated and massive, may suggest Boat Harbour Formation.

NFLD. MASTER
NUMBER
12P/8 19

HOLE NUMBER
7594H-15

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 19' (5.7 m)	Boat Harbour Formation	Matrix breccia.
19 - 100' (24.3 m)	Watts Bight Formation	Dark to light grey, sucrosic dolomite and matrix breccia, vuggy beds.

NFLD. MASTER
NUMBER
12P/8 20

HOLE NUMBER
7594H-16

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 100' (28.2 m)	Boat Harbour Formation	Matrix breccia & grey dolostones.

NFLD. MASTER
NUMBER
12P/8 21

HOLE NUMBER
7594H-17

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
4 - 11' (2.1 m)	Boat Harbour Formation	Matrix breccia.
11 - 100' (26.7 m)	Watts Bight Formation	Sucrosic, mottled and laminated; some breccia, chert.

NFLD. MASTER
NUMBER
12P/8 22

HOLE NUMBER
7594H-18

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
5 - 100' (28.5 m)	Watts Bight Formation	Grey to tan grey, sucrosic dolomite, chert, local breccia.

NFLD. MASTER
NUMBER
12P/8 23

HOLE NUMBER
7594H-19

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
6 - 42' (10.8 m)	Boat Harbour Formation	Light grey limestone.
43 - 100' (17.1 m)	Watts Bight Formation	Dark grey to tan grey sucrosic dolostone, vuggy porosity locally.

NFLD. MASTER
NUMBER
12P/8 24

HOLE NUMBER
7594H-20

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
8 - 177' (50.7 m)	Boat Harbour Formation	Interbedded dark grey limestone, pseudobreccia, dolostone.
177 - 270' (27.9 m)	Boat Harbour Formation	Matrix breccia; some intact beds; all dolomite, vuggy locally.
270 - 299' (8.7 m)	Boat Harbour Formation	Limestone, dolostone, breccia.
299 - 411' (33.6 m)	Watts Bight Formation	Grey to dark grey sucrosic dolostone, chert, local vug porosity.

NFLD. MASTER
NUMBER
12P/8 27

HOLE NUMBER
HP-7

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 71' (21.3 m)	Boat Harbour Formation	Light grey dolostone, chert, breccia.
71 - 120' (14.7 m)	Watts Bight Formation	Dark grey, vuggy mottled.

NFLD. MASTER
NUMBER
12P/8 28

HOLE NUMBER
HP-8

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
20 - 58' (11.4 m)	Boat Harbour Formation	Light grey dolostone, pseudobreccia, chert.
58 - 120' (18.6 m)	Watts Bight Formation	Dark grey dolomite, mottled.

NFLD. MASTER
NUMBER
12P/8 29

HOLE NUMBER
HP-9

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 57' (17.1 m)	Watts Bight Formation	Mottled, dark grey dolomite, some chert.

NFLD. MASTER
NUMBER
12P/8 30

HOLE NUMBER
HP-10

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 82' (24.6 m)	Boat Harbour Formation	Limestone, dolostone, chert.
82 - 100' (5.4 m)	Watts Bight Formation?	Dark grey, massive dolomite.

NFLD. MASTER
NUMBER
12P/8 31

HOLE NUMBER
HP-11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
0 - 39' (11.7 m)	Boat Harbour Formation?	Rotted rusty dolomite, possibly Boat Harbour Formation.

NFLD. MASTER
NUMBER
12P/8 1-11

HOLE NUMBER
79-1 to 79-11

UNIT THICKNESS	UNIT NAME	UNIT DESCRIPTION
	March Point Formation	All holes are in the March Point formation; see 12P/8 1.