

DIAMOND DRILL RECORD

TOTAL DEPTH 454'

LOCATION NEWFOUNDLAND

LOGGED BY A. Mathieu

DATE BEGUN July 31/61

DATE FINISHED Aug. 23/61

NOTE: Hole wedged at 299' because of broken rocks.
 CO-ORDINATES COLLAR 30013.01 LAT. 41° 22' N DEP. 74° 70' W of BL #3

ELEVATION COLLAR

BEARING N-56° E

ANGLE -45°

Core Recovery 90%
 Hole not making water
 Casing left in hole

HOLE NUMBER

61-39

Tube Reading

Corrected Rdr

Dep.
 100'
 200'
 300'
 350'
 450'

52° 05'
 52° 00'
 52° 00'
 49° 00'
 52° 07'

45° 00'
 44° 45'
 44° 45'
 42° 30'
 44° 45'

LOG FORM NO. 1

CORE FOOTAGE

CORE
SAMPLE
NO.

ASSAY

DESCRIPTION

FROM

TO

LENGTH

0.0

22.0

22.0

24.2

24.2

25.0

25.0

123.7

123.7

127.0

127.0

130.3

130.3

133.5

133.5

134.3

134.3

143.0

143.0

150.0

150.0

163.2

CASING: Overburden, sand, gravels and boulders. Bedrock at 20'; diorite.

DIORITE: Greyish green, fine grained, equigranular. Cubic Py.

LOST CORE

DIORITE: As above. Some epidotization at 77.6'. Slight displacement (1/3") along fracture // to core at 77.6'.

FELDSPAR PORPHYRY: Greyish green, fine grained matrix with white feldspar phenocrysts up to 1/3" in diameter. Some of the phenocrysts are replaced by Py. Contact with diorite irregular

ANDESITE: Greyish green, very fine grained, somewhat chloritized. Schistosity 60° to core. Contact with porphyry average 20° to core. Less than 1% scattered Pyrite.

SILICIFIED ANDESITE: Greyish white, aphanitic and schistose at 75° to core.

DIORITE: Greenish grey, fine grained, somewhat silicified and epidotized. Specks of Py. Chilled irregular contacts.

ANDESITE: Greyish green, aphanitic, foliated at 70° to core. Silicified and chloritized. Minor Py. along foliation.

SILICIFIED ANDESITE: Greyish white, aphanitic, slight foliation at 70° to core. Silicification about 45%. Some chloritization and epidotization. Some Py. at 143.6.

ANDESITE: Greyish green, aphanitic, foliated at 70° to core. Some silicification and chloritization. Amygdaloidal at places. Minute amounts of Py.

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
163.2	172.8				<u>DIORITE</u> : Greenish grey, fine grained, equigranular. Chilled contact at 15° to core. About 1% Py.
172.8	173.8				<u>ANDESITE</u> : As above, 1% Py. along foliation (60° to core)
173.8	176.1				<u>DIORITE</u> : Dark green, very fine grained. Contact with above andesite at 35° to core.
176.1	180.0				<u>ANDESITE</u> : Grey, aphanitic, foliation at 65° to core. Silicification and chloritization. 1 to 5% Py-Po. Minor Cp. Mineralization occurs along foliation and fractures. At 179.4 about 10% Po with 1% Py. and Cp.
180.0	183.0				<u>ANDESITE</u> : As above. 5% to 25% Py, 5% Po, minor Cp. Pyrrhotite slightly magnetic.
183.0	195.6				<u>SILICIFIED ANDESITE</u> : Greyish white, aphanitic, foliated at 70° to core. 90% silicification. At 187.5 rock dragfolded.
195.6	204.8				<u>ANDESITE</u> : Dark green to black, aphanitic, foliated at places (60° to core) Also banded at places. 5% to 15% Py-Po (magnetic) Minor Cp. between 195.6-200' and 201.5-202.5'.
204.8	218.0				<u>DIORITE</u> : Greenish grey, very fine grained with porphyritic phase at places. Scattered Py. Contact with andesite 20° to core.
218.0	227.5				<u>FELDSPAR PORPHYRY</u> : Grey to green, fine grained rock with white feldspar phenocrysts (1/8"). At 225.2', a 1" stringer epidote and quartz at 60° to core.
227.5	237.5				<u>DIORITE</u> : As above. Contact with above 30° to core.
237.5	243.7				<u>FELDSPAR PORPHYRY</u> : As above.
243.7	244.7				<u>DIORITE</u>
244.7	246.0				<u>DIORITE</u> : Contact with above diorite at 25° to core.
246.0	246.6				<u>FELDSPAR PORPHYRY</u> : As previously described. Contact with above diorite at 25° to core.

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
246.6	247.4				<u>LOST CORE</u>
247.4	252.1				<u>FELDSPAR PORPHYRY</u>
252.1	253.0				<u>LOST CORE</u>
253.0	260.6				<u>FELDSPAR PORPHYRY</u> : Lower contact at 30° to core.
260.6	266.0				<u>DIORITE</u> : Greenish grey, fine grained, equigranular rock with porphyritic phase at places.
266.0	267.2				<u>LOST CORE</u>
267.2	274.0				<u>DIORITE</u> : As Above
274.0	275.0				<u>LOST CORE</u>
275.0	307.0				<u>DIORITE</u> : As above. Hole wedged at 299'.
307.0	308.0				<u>LOST CORE</u>
308.0	318.3				<u>DIORITE</u> : As above. Between 311.2 and 312.2 rock is epidotized and silicified.
318.3	320.0				<u>LOST CORE</u>
320.0	323.4				<u>DIORITE</u> : As above
323.4	327.3				<u>FELDSPAR PORPHYRY</u> : Grey, fine grained matrix with white feldspar phenocrysts (1/16" in diameter)
327.3	330.0				<u>LOST CORE</u>
330.0	330.7				<u>BASALT (?)</u> Greyish black, fine grained, somewhat foliated at 70° to core. Could be altered gabbro.
330.7	332.5				<u>LOST CORE</u>
332.5	333.5				<u>BASALT</u> : As above.
333.5	334.0				<u>DIORITE</u> : As previously described.
334.0	335.0				<u>LOST CORE</u>
335.0	341.3				<u>DIORITE</u> : Greyish green, fine grained, equigranular, slight porphyritic phase at places.
.3	347.6				<u>BASALT (?)</u> : As previously described.

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
347.6	351.0				<u>DIORITE</u> : As previously described.
351.0	353.9				<u>ANDESITE TO BASALT</u> : Dark green, fine grained, slightly foliated at 60° to core. Silicified.
353.9	370.0				<u>DIORITE</u> : As previously described. Contact with above irregular.
300.0	317.6				<u>DIORITE</u> : Greenish grey, fine grained rock with some epidotisation from 308.1 to 308.5' and from 310.5' to 313.4'.
317.6	319.6				<u>FELDSPAR PORPHYRY</u> : Greyish black, very fine grained with odd feldspar phenocrysts (1/16" in diameter.)
319.6	326.0				<u>DIORITE</u> : Greyish green, fine grained, equigranular. Contact with above 20° to core.
326.0	329.6				<u>BASALT</u> : Greyish black to dark green, fine grained to aphanitic, somewhat foliated at places (60° to core.
329.6	332.0				<u>DIORITE</u> : AS above
332.0	334.0				<u>BASALT</u> : Greyish black, fine grained, somewhat foliated at 50°-60° to core. Could be altered gabbro.
334.0	335.0				<u>LOST CORE</u>
335.0	336.7				<u>BASALT</u> : As above.
336.7	337.7				<u>LOST CORE</u>
337.7	340.6				<u>BASALT</u> : As above.
340.6	342.5				<u>LOST CORE</u>
342.5	347.0				<u>BASALT</u> : As above.
347.0	348.0				<u>LOST CORE</u>
348.0	354.1				<u>BASALT</u>
354.1	362.0				<u>ANDESITE</u> : Whitish grey, aphanitic and highly silicified.
362.0	390.9				<u>DIORITE</u> : Greyish green, fine grained, equigranular rock. Contact with above at 25° to core.

PROPERTY.

REC-LET 50

DIAMOND DRILL RECORD

SHEET NUMBER

1

HOLE NUMBER

00-39

Log Form No. 2A

[illegible]