

TOTAL DEPTH 400'
 LOCATION Newfoundland
 LOGGED BY A. Mathias
 DATE BEGUN Aug. 25/61
 DATE FINISHED Sept. 2/61

CO-ORDINATES COLLAR
 LAT. L-13°N DEP. 5600'W of BL #1
 ELEVATION COLLAR
 BEARING N-56°-E
 ANGLE -45°

DIP TESTS

Dep.
 100'
 200'
 300'
 400'

HOLE NUMBER 61-32

Tube Reading	Corrected Reading
45°00'	37°30'
46°00'	38°30'
47°00'	39°30'
48°00'	38°30'

Core Recovery 97%. Casing left in hole LOG FORM NO. 1

CORE FOOTAGE

CORE
SAMPLE
NO.

ASSAY

DESCRIPTION

FROM	TO	LENGTH
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C.0 34.0

34.0 125.3

125.3 154.5

154.5 157.5

157.5 166.4

166.4 167.4

1.0

A-0148

167.4 170.6

3.2

A-0149

170.6 173.6

3.0

A-0150

173.6 177.3

4.70

A-0524

177.3 181.0

181.0 182.3

182.3 183.3

183.3 185.0

185.0 185.5

CASING: Overburden consists of sand, gravel and granite-diorite boulders. Bedrock at 32.0'; syenite.

SYENITE: Salmon red, fine grained, equigranular rock grading into a porphyritic syenite at 125.3'.

SYENITE PORPHYRY: Salmon red, fine grained syenite with white to pink feldspar phenocrysts 1/32" to 1/8" in diameter.

LOST CORE

SYENITE PORPHYRY: Salmon red to greenish grey, fine grained matrix with white to pink feldspar phenocrysts as above.

Chilled contact at 40° to core. Specks of Py. near contact.

ANDESITE: Greyish green, fine to aphanitic, slightly foliated at 65° to core. Some silicification and chloritization. 5% Py-Po., 1% to 2% Sp.

ANDESITE: As above. 5% Py-Po., less than 1% Sp.

ANDESITE: As above. 10% Py, 5% Po, less than 1% Sp.

ANDESITE: As above. 5% Py-Po, less than 1% Sp.

DIORITE: Grey, fine grained, equigranular rock. Chilled contact. Contact with above andesite 45° to core.

LOST CORE

DIORITE: As above.

ANDESITE: Light to dark green, aphanitic, foliated at 50° to core. Silicification, carbonatization & chloritization.

FELDSPAR PORPHYRY: Grey, aphanitic matrix with feldspar

PROPERTY REID LOT 50
 Log Form No. 2A

DIAMOND DRILL RECORD

 SHEET NUMBER 2
 HOLE NUMBER 61-32

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					phenocrysts 1/16" in diameter.
185.0	199.0				<u>ANDESITE</u> : As above. foliation 60° to 65° to core. Specks Py. & Po. Mineralization along foliation.
199.0	200.0	1.0	A-0525		<u>ANDESITE</u> : As above. 10% Po, less than 1% Py. & Cp. Some Sp. and Gn. at 199.7.
200.0	202.0	2.0	A-0526		<u>ANDESITE</u> : As above. 5% Po, 1% Py., specks Cp.
202.0	203.0	1.0	A-0527		<u>ANDESITE</u> : As above. 10% Po, less than 1% Py-Cp.
203.0	204.0	5.0	A-0528		<u>ANDESITE</u> : As above. 3% Po, less than 1% Py, specks of Cp. Some Sp. at 207.9.
208.0	234.6				<u>DIORITE</u> : Greyish-green, medium to coarse grained, equigra- nular rock.
234.6	235.4				<u>ANDESITE</u> : Green, aphanitic rock. Silicification and chlo- ritization. Contacts at 45° to core.
235.4	240.9				<u>DIORITE</u> : As above.
240.9	241.5				<u>ANDESITE</u> : Green, aphanitic. Some silicification and chlo- ritization.
241.5	242.5	1.0	A-0529		<u>ANDESITE</u> : As above. 1 to 2% Cp. with 10% Py. and some Po. from 241.9 to 242.2.
242.5	243.5				<u>ANDESITE</u> : As above.
243.5	244.5	1.0	A-0530		<u>ANDESITE</u> : As above. 1 to 2% Cp. with 5% Py., some Po.
244.5	257.3				<u>DIORITE</u> : As previously described.
257.3	258.1				<u>ANDESITE</u> : Green, aphanitic, silicified & slightly epidotized. Contact with above at 45° to core.
258.1	262.6				<u>DIORITE</u> : As above. Contact with above andesite at 30° to core.
262.6	272.5				<u>ANDESITE</u> : Green, aphanitic, slight foliation at 50° to core. Silicification and chloritization. Light epidotization.

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
272.5	274.5	2.0	A-0531		<u>ANDESITE</u> : As above. 5% Po-Py., less than 1% Cp.
274.5	283.0				<u>DIORITE</u> : Green, fine grained equigranular rock. Contact with above andesite at 30° to core.
283.0	287.0	4.0	A-0532		<u>ANDESITE</u> : As above. 5% Po-Py, less than 1% Cp.
287.0	288.0	1.0	A-0533		<u>ANDESITE</u> : As above. 10% Py, 5% Po, 2% Cp.
288.0	289.0	1.0	A-0534		<u>ANDESITE</u> : As above. 5% Po-Py, less than 1% Cp.
289.0	302.6				<u>ANDESITE</u> : Green, fine grained, massive appearance. Some epidotization and silicification.
302.6	303.8				<u>LOST CORE</u>
303.8	305.8				<u>ANDESITE</u> :
305.8	307.0				<u>LOST CORE</u>
307.0	310.0	3.0	A-0535		<u>ANDESITE</u> : Strongly silicified. 2 to 5% Py, 1% Cp, some Po.
310.0	310.8				<u>ANDESITE</u>
310.8	312.5				<u>LOST CORE</u>
312.5	315.5	3.0	A-0536		<u>ANDESITE</u> : Strongly silicified, 2 to 5% Py, 1% Cp. <i>some R.</i>
315.5	316.3				<u>DIORITE</u> : As previously described. Contact with above andesite at 45° to core.
316.3	320.0				<u>LOST CORE</u>
320.0	340.6				<u>DIORITE</u> : As above.
340.6	340.8				<u>FELDSPAR PORPHYRY</u> : Greyish white, aphanitic, siliceous matrix with feldspar phenocrysts up to 1/4" in diameter. Cubic Py. from 342.2 to 343.2.
340.8	337.5				<u>ANDESITE</u> : Grey, fine grained, silicified & carbonated.
337.5	400.0				<u>DIORITE</u> : As above.

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY <u>Au. oz./ton</u>	DESCRIPTION	<u>Cu. %</u>	<u>Ni. %</u>
FROM	TO	LENGTH					
166.4	167.4	1.0	A-0149	nil	0.17		Tr.
167.4	170.6	3.2	A-0149	tr.	0.08		nil
170.6	173.6	3.0	A-0150	nil	-		nil
173.6	177.8	4.2	A-0524	nil	0.10		nil
199.0	200.0	1.0	A-0525	Tr.	0.03		nil
200.0	202.0	2.0	A-0526	nil			nil
202.0	203.0	1.0	A-0527	nil	0.12		nil
203.0	209.0	6.0	A-0528	nil			tr.
241.5	242.5	1.0	A-0529	nil	0.05		
243.5	244.5	1.0	A-0530	nil	0.17		
272.5	274.5	2.0	A-0531	nil	0.07		tr.
283.0	287.0	4.0	A-0532	nil	0.05		nil
287.0	293.0	1.0	A-0533	nil	0.95		nil
293.0	295.0	1.0	A-0534	nil	0.10		nil
307.0	310.0	3.0	A-0535	nil	0.05		
312.5	315.5	3.0	A-0536	nil	0.02		