

PROPERTY REID LOT 50

DIAMOND DRILL RECORD

SHEET NUMBER 1HOLE NUMBER Badger 56-15TOTAL DEPTH 461.5

CO-ORDINATES COLLAR

LOCATION NewfoundlandLAT. N 30°00' DEP. 100°E of Main Base LineLOGGED BY K. Newman

ELEVATION COLLAR

DATE BEGUN Nov. 23, 1956 BEARING S 75° EDATE FINISHED Nov. 27/56 ANGLE -45100% Core Recovery

LOG FORM NO. 1

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
0.0	12.9				OVERBURDEN Casing.
12.9	26.9				"RED" BASALT: Purple to dark red. Aphanitic, amygdaloidal in places. Cut by irregular carbonate stringers. Grades into andesite.
26.9	55.8				ANDESITE: Light green. Aphanitic. Sugary texture. Highly altered to epidote and in places completely epidote with small stringers of jasper. Faulting parallel to the core. Traces of chalcopyrite.
55.8	65.4				"RED" BASALT: Purple to dark red. Aphanitic. Carbonate stringers. Epidotized.
65.4	104.4				DIORITE: Dark grey. Fine grained. "Eyes" and stringers of epidote. Dark rounded seggregations. Chilled contact with above "Red" basalt at 50' to the core. Disseminated pyrite
104.4	106.9				"RED" BASALT: Dark purple. Aphanitic. Stringers and patches of epidote and carbonate.
106.9	119.4				ANDESITE: Green. Aphanitic. Highly crushed and fractured Silicified. Quartz-carbonate fill fractures.
119.4	131.2				DIORITE: Dark grey. Fine grained. Contact with volcanics at 40' to the core. Brecciated at 120.6. Disseminated and cubic pyrite.
131.2	133.2				DIORITE: Dark grey. Fine grained. Slightly porphyritic. Contact with above diorite at about 20' to the core. Cubic and disseminated pyrite.

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
133.2	144.1				<u>ANDESITE TO BASALT:</u> Dark green to black. Brecciated contact at 45° to the core. Diorite surrounds breccia. Aplite like material intrudes irregular fractures. Fracture cleavage 25-45° to the core. Chloritized, crushed appearance. Carbonate & epidote fill irregular fractures. Silicified and jasperized. Disseminated pyrite.
144.1	174.5				<u>DIORITE:</u> Dark grey. Fine grained. Chilled marginal contact with above volcanics at 30° to the core. "Eyes" of epidote.
174.5	179.0				<u>DIORITE:</u> Dark grey. Fine grained. Chilled contact with above diorite at 30° to the core and 30° with diorite below.
179.0	199.0				<u>DIORITE:</u> Dark grey. Fine grained. "Eyes" of epidote. Traces of chalcopyrite.
199.0	212.8				<u>BASALT:</u> Greenish black. Aphanitic. Contact with diorite at 30° to the core. Fracture cleavage at 30° to the core. Silicified. Irregular carbonate and epidote stringers fill irregular fractures. In places jasperized.
212.8	226.3				<u>DIORITE:</u> Dark grey. Fine grained. Chilled contact with basalt at about 30° to the core. Fracture cleavage at 45-80° to the core. Fractures filled with carbonate and epidote. Slight traces of chalcopyrite in fractures.
226.3	233.4				<u>BASALT:</u> Dark green. Aphanitic. Contact with above diorite at 50° to the core. Silicified at contact. Pillowed structure.
233.4	256.5				<u>DIORITE:</u> Dark grey. Fine grained. Chilled contact with basalt at 50° to the core. "Eyes" and patches of epidote. Cubic pyrite.
256.5	261.4				<u>BASALT TO ANDESITE:</u> Dark green to grey. Aphanitic. Highly

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SHEET NUMBER 3

HOLE NUMBER Badger 56-15

Log Form No. 2

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					silicified. Fracture cleavage at 45° to the core. Contact with diorite at 50° to the core.
261.4	273.1				<u>DIORITE</u> : Dark grey. Fine to medium grain. Porphyritic in places. Contact with above volcanics at 50° to the core, cubic pyrite.
273.1	302.0				<u>INTERMEDIATE VOLCANICS TO ANDESITE</u> : Grey to green. Highly silicified. Traces of chalcopyrite. Cellular alteration as in holes 12,13 & 14. Irregular epidote and quartz carbonate stringers.
302.0	312.1				<u>DIORITE</u> : Dark grey. Fine grained. Fracture cleavage at 30° to the core. Slightly porphyritic.
312.1	316.6				<u>INTERMEDIATE VOLCANICS</u> : Brownish grey. Aphanitic. Contact with diorite about 35° to the core. Highly contorted and brecciated with carbonate filling cavities.
316.6	333.5				<u>ANDESITE</u> : Light to dark green. Aphanitic. Chloritized and silicified. Disseminated chalcopyrite.
333.5	344.3				<u>GRANODIORITE</u> : Light grey to pink. Fine to medium grained. Contact with above volcanics at 50° to the core. Cubic pyrite.
344.3	345.2				<u>SILICIFIED ANDESITE</u> : Green. Aphanitic. Contact with granodiorite at 60° to the core.
345.2	346.3				<u>ACIDIC VOLCANICS</u> : Dark grey. Aphanitic. Conchoidal fracture. Contact with above volcanics very irregular. Carbonate along fracture openings.
346.3	352.9				<u>ANDESITE TO BASALT</u> : Dark green to brownish red. Aphanitic. Contact with acid volcanics above at 60° to the core. Fracture cleavage at 50° to the core. Silicified.

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SHEET NUMBER 4HOLE NUMBER Badger 56-15

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					Disseminated chalcopyrite.
352.9	354.9				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Highly brecciated Hematite fills breccia cavities.
354.9	358.8				<u>BASALT:</u> Dark brownish red. Aphanitic. In places jasperized. Traces of chalcopyrite.
358.8	365.0				<u>ANDESITE:</u> Green. Aphanitic to porphyritic. Hornblende phenocrysts. Contact with basalt gradational. In places radiating crystals of actinolite?
365.0	382.0				<u>ANDESITE TO BASALT:</u> Reddish brown to green. Aphanitic. Irregular patches of carbonate. Traces of hematite.
382.0	385.5				<u>FELDSPAR PORPHYRY:</u> Light grey. Porphyritic. Phenocrysts of orthoclase and plagioclase. Contact with above volcanics at 70° to the core.
385.5	390.8				<u>INTERMEDIATE VOLCANICS:</u> Dark grey. Aphanitic. Irregular carbonate stringers.
390.8	395.1				<u>TRACHYTE TO INTERMEDIATE VOLCANIC:</u> Light grey. Lineation at about 60° to the core. Cubic and disseminated pyrite.
395.1	395.4				<u>FELDSPAR PORPHYRY:</u> Grey. Porphyritic. Contact with volcanic at right angles to the core.
395.4	412.1				<u>TRACHYTE:</u> Light grey. Aphanitic. Fracture cleavage 30-70° to the core. Cubic pyrite.
412.1	425.0				<u>DIORITE:</u> Light grey. Fine grained. Contact with above volcanics at about 15° to the core. Cubic & disseminated pyrite.
425.0	431.2				<u>TRACHYTE TO INTERMEDIATE VOLCANICS:</u> Light brown to greenish grey. Contact with diorite at 30° to the core. Silicified. Irregular fracture cleavage.

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SHEET NUMBER 5

HOLE NUMBER Badger 56-15

Log Form No. 2A

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