

PROPERTY REID LOT 50

DIAMOND DRILL RECORD

SHEET NUMBER 1TOTAL DEPTH 540.0'

CO-ORDINATES COLLAR

HOLE NUMBER Badger 56-12LOCATION NewfoundlandLAT. 100°E DEP. of 38+30 B.L. 105°LOGGED BY K. Newman

ELEVATION COLLAR

DATE BEGUN Oct. 25, 1956BEARING S 75°EDATE FINISHED Oct. 31/56ANGLE -45°
Core Recovery 98%

Depth	Tube Rdg.	True Dip
100'	51°00'	44°00'
200'	50°00'	43°00'
300'	50°00'	43°00'
400'	49°00'	42°00'
540'	47°30'	40°00'

LOG FORM NO. 1

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
0.0	15.0				<u>CASING:</u> Overburden
15.0	20.0				<u>ANDESITE:</u> Dark grey to green. Aphanitic. Silicification and chloritization. Fracture cleavage 45 - 50° to the core. Pyrite, sphalerite and chalcopyrite found as veinlets and masses. Combined mineralization about 50%.
20.0	25.0				<u>AS ABOVE:</u> Highly silicified 20 - 30% combined pyrite, sphalerite and chalcopyrite.
25.0	30.0				<u>AS ABOVE:</u> 10 -15% combined pyrite, sphalerite & chalcopyrite.
30.0	35.0				<u>AS ABOVE:</u> Highly silicified, cleavage 30 to 90° to the core. Crushed and brecciated. 10 - 20% combined pyrite, sphalerite and chalcopyrite. Drag folds?
35.0	40.0				<u>ANDESITE TO INTERMEDIATE VOLCANICS:</u> Green to light grey. Highly brecciated. Talc associated with mineralization, combined pyrite, sphalerite, chalcopyrite and galena mineralization about 10%.
40.0	45.0				<u>INTERMEDIATE VOLCANICS:</u> Light grey. Aphanitic. Fracture cleavage at 40° to the core. 5% + combined pyrite, chalcopyrite and sphalerite. Highly brecciated at 45.00'
45.0	48.3				<u>AS ABOVE:</u> Highly brecciated and crushed. Carbonate filling breccia cavities.
48.3	53.3				<u>ANDESITE:</u> Dark grey to green. Aphanitic chlorite along fracture planes. Cut by irregular quartz stringers.

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					5-10% combined pyrite, sphalerite, chalcopyrite and galena mineralization.
53.3	83.6				<u>DIORITE</u> : Light grey. Fine grained, equigranular. Fracture cleavage 30-50° to the core. Quartz and epidote fill fracture cleavage.
83.6	105.2				<u>BASALT TO ANDESITE</u> : Dark green to black. Aphanitic. Contact with diorite roughly 50° to the core. Fracture cleavage ranges from 20 - 70° to the core. Faulting parallel to the core. Core highly crushed and brecciated. Pyrite disseminations.
105.2	128.2				<u>DIORITE</u> : Light grey. Fine to medium grained. Chilled marginal contact with volcanics at 30° to the core. Carbonate eyes. Fracture cleavage 30 - 45° to the core. Epidote and carbonate fill fracture cleavage. Cut by a 4" diorite dyke at 45° to the core. Diorite grades into a chilled marginal contact with diorite below. Disseminated pyrite.
128.2	132.6				<u>DIORITE</u> : Dark grey coarse grained. Epidote along contact between diorite above.
132.6	149.6				<u>FELDSPAR PORPHYRY</u> : Light grey to pink. Fine grained to medium grained. Fracture cleavage varies from 40° to 90° to the core. Small stringers of epidote.
149.6	167.0				<u>ANDESITE</u> : Dark grey. Aphanitic. Highly chloritized and carbonatized. Fracture cleavage varies from parallel to 25° to the core. At 155.0 core is highly brecciated. Disseminated pyrite and traces of chalcopyrite.
167.0	174.0				<u>FELDSPAR PORPHYRY</u> : Light grey to pink. Fine to medium

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SHEET NUMBER 3HOLE NUMBER Badger 56-12

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CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					plagioclase, grained. Phenocrysts of orthoclase, and hornblende. Cut by small quartz and epidote stringers.
174.0	218.7				<u>DIORITE</u> : Dark grey. Fine to medium grained. Gradational contact with porphyry. Patches of coarse grained diorite 3" - 5" in length. Fracture cleavage at 40° to the core.
218.7	280.6				<u>DIORITE</u> : Dark grey. Fine grained. Chilled marginal contact with above diorite at about 45° to the core. Small carbonate eyes. Fracture cleavage at 30-60° to the core. Scattered specks of pyrite. Chilled marginal contact with volcanics below at 20° to the core.
280.6	281.7				<u>ANDESITE</u> : Dark green. Aphanitic. Crushed appearance. Small stringers of pyrite.
281.7	283.9				<u>ACID VOLCANICS</u> : Dark grey to green. Glassy, conchoidal fracture. Stringers of pyrite along fracture planes. Corroded phenocrysts of feldspar.
283.9	325.9				<u>DIORITE</u> : Dark grey to light green. Fine grained. Chilled marginal contact with acid volcanics. In places cut by small purplish glassy dykes? Irregular fractures filled with carbonate. Round patches of epidote and carbonate. Small veinlets of pyrite, sphalerite and chalcopryite. Fracture cleavage at 40° to the core. At 318.0-320.0 highly brecciated. At 321.6 coarse grained diorite, contact at 60° to the core.
325.9	327.5				<u>DIORITE</u> : Dark grey to black, chilled marginal contact. From 325.9 to 326.3 silicified brecciated zone. Contact of breccia with diorite at 35° to the core. 25% combined pyrite, sphalerite and chalcopryite. Too short to section

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SHEET NUMBER 4HOLE NUMBER Badger 56-12

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CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
327.5	329.6				<u>ACID VOLCANICS:</u> Dark grey to white. Aphanitic. Conchoidal fracture.
329.6	361.1				<u>DIORITE:</u> Light grey. Medium to coarse grained. Chilled marginal contact with acid volcanics at 60° to the core. In places disseminated sphalerite. Round patches of epidote. Fracture cleavage 40° to parallel to the core. Chlorite alteration product of hornblende.
361.1	362.5				<u>ACID VOLCANICS:</u> Light grey to white. Aphanitic. Contains small inclusions of chloritized diorite?
362.5	375.6				<u>DIORITE:</u> Dark grey. Fine to medium grained. Contact with acid volcanics about 40° to the core. Disseminated and cubic pyrite. Minor amounts of sphalerite in veinlets and traces of chalcopyrite.
375.6	376.7				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Irregular fractures. Contact with diorite very irregular.
376.7	381.9				<u>DIORITE:</u> Dark grey. Fine to medium grained. Fracture cleavage 30 to 60° to the core. Pyrite, chalcopyrite and sphalerite in stringers and patches. 5-10% combined mineralization.
381.9	390.6				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Conchoidal fracture. Contact with diorite very irregular.
390.6	392.1				<u>DIORITE:</u> Dark grey. Fine grained. Silicified. Traces of sphalerite.
392.1	395.5				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Brecciated inclusions of diorite at 394.7
395.5	395.7				<u>DIORITE:</u> Dark grey to black. Chloritized. Minor amounts of sphalerite.

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DIAMOND DRILL RECORD

SHEET NUMBER 5HOLE NUMBER Badger 56-12

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
395.7	408.0				<u>ACID VOLCANICS:</u> Dark grey to light green. Glassy to fine. Small inclusions? of medium grained diorite. Fracture cleavage at 40° to the core.
408.0	418.3				<u>DIORITE:</u> Light to dark grey. Fine to medium grained. Contact with acid volcanics very irregular. Fracture cleavage 40 to 50° to the core. Small round phenocrysts of hornblende altered to chlorite. Patches of epidote. Slightly disseminated pyrite and sphalerite.
418.3	425.8				<u>GROUND CORE:</u>
425.8	429.1				<u>DIORITE:</u> "
429.1	429.8				<u>ACID VOLCANICS:</u> Light grey. Aphanitic.
429.8	432.2				<u>DIORITE:</u> Light to dark grey. Fine to medium grained. Chilled contact at 40° to the core with acid volcanics. Traces of sphalerite and chalcopyrite.
432.2	432.9				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Contact with diorite about 40° to the core.
432.9	435.9				<u>DIORITE:</u> Light grey to greenish grey. Fine to medium grained. Chilled contact with acid volcanics at 45° to the core. Highly chloritized, and silicified. Slight disseminations of pyrite and chalcopyrite.
435.9	441.4				<u>INTERMEDIATE VOLCANICS TO ACID VOLCANICS:</u> Light grey with brownish red banding. Aphanitic. Contact with diorite at 40° to the core. Banding at 50° to the core. Faulting parallel to core. Veining parallel to the core. Medium grained diorite inter-banded with volcanics. Minor disseminations of sphalerite and chalcopyrite.
441.4	445.5				<u>DIORITE:</u> Light to dark grey. Medium grained. Chilled

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DIAMOND DRILL RECORD

SHEET NUMBER 6

Badger

HOLE NUMBER 56-12

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CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					marginal contact at 40° to the core. Scattered chalco- pyrite.
445.5	446.1				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Contact with diorite 40° to the core. Shattered appearance. Traces of sphalerite along fractures.
446.1	489.7				<u>DIORITE:</u> Dark grey to green. Epidotized and chloritized. Contains small patches of acid volcanics. Disseminated pyrite and sphalerite. Less than 3% combined mineraliza- tion. Fracture cleavage at 45° to the core. At 479.4 and 484.0 core is highly brecciated and silicified.
489.7	496.9				<u>DIORITE:</u> Dark grey to black. Contact with above diorite chilled and porphyritic, grades into medium grained dio- rite. Disseminated and cubic pyrite. Fracture cleavage ranges from 30° to parallel to core.
496.9	500.0				<u>DIORITE:</u> Dark grey. Very fine grained. Traces of spha- lerite. Fracture cleavage ranges from 20° to parallel to the core.
500.0	514.1				<u>DIORITE:</u> Dark grey to green. Fine grained. Chloritized and epidotized. At 506.1 to 506.8 acid volcanics in contact with diorite at 40° to the core. Fracture clea- vage 10° to 70° to the core.
514.1	523.7				<u>ACID VOLCANICS:</u> Light grey. Aphanitic. Conchoidal fracture. Contact with diorite at 70° to the core. At 514.1 highly brecciated. Pieces of acid volcanics in the diorite near the contact. Banding at 45° to the core.
523.7	533.0				<u>DIORITE:</u> Dark grey. Fine grained. Fracture cleavage at 40° to the core. At 531.0 highly brecciated and silicified.

PROPERTY.

REID LOT 50

DIAMOND DRILL RECORD

SHEET NUMBER 7

HOLE NUMBER Badger 56-12

Log Form No. 2A

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PROPERTY.

Reid Lot 50

DIAMOND DRILL RECORD

SHEET NUMBER 1

HOLE NUMBER Badger 56-12

Log Form No. 2A

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