

FALCONHEAD DIAMOND MINES LIMITED.6400 N. - 546° W.Date : July 29, 1951. Location: of O. Haseline. Bearings: East. Hole No: O.B. 46.Logged by: L.E. Halladay. Dip: -57° at collar. Property: Gull Pond, Newfoundland.DIP TESTS.

<u>Shotage</u>	<u>Angle etched on tube.</u>	<u>Corrected angle.</u>
0.0	57° at collar	48 1/2°
350.0	57°	45 1/2°
700.0	56°	

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
0.0	18.0	Overburden: boulders and gravel.
18.0	22.5	Fine grained, dark green andesite porphyry with quartz and feldspar phenocrysts.
22.5	68.0	Very fine grained, light to medium grey rhyolite with occasional phenocrysts, numerous quartz injections and epidote fracture-fillings and very minor disseminated pyrites. Cut by small, medium green dacite dykes 20.5 - 29.7. Rhyolite breccia : 31.8 . Core ground : 39.0 - 40.0
68.0	100.5	Very fine grained, medium to dark grey rhyolite, locally sericitic, with occasional feldspar phenocrysts and numerous quartz injections and epidote fracture-fillings.
100.5	171.5	Very fine grained, medium to dark grey rhyolite with numerous quartz injections and epidote fracture-fillings and minor carbonate fracture-fillings. Rhyolite breccia: 111.5 .
171.5	197.9	Very fine grained, light grey sericitic rhyolite with numerous quartz injections, occasional carbonate and epidote fracture-fillings, minor tourmaline development and minor pyrites. Cut by several medium, green dykes, probably dolerite.
197.9	223.2	Medium grained, medium brown - green dolerite porphyry dyke with feldspar phenocrysts and considerable epidote and carbonate fracture-fillings.
223.2	234.0	Very fine grained, medium to dark grey rhyolite locally sericitic, with numerous quartz injections, considerable epidote fracture-fillings and minor pyrites.
234.0	260.0	Similar to 197.9 - 223.2.
260.0	310.6	Similar to 223.2 - 234.0
310.6	322.3	Very fine grained, light grey sericitic rhyolite with numerous quartz injections, occasional epidote and carbonate fracture-fillings and minor tourmaline development.
322.3	463.7	Very fine grained, medium grey rhyolite, locally sericitic with occasional amygdaloids, numerous quartz injections, occasional epidote and carbonate fracture-fillings and minor disseminated pyrites. Breccia: 341.1 - 342.3; 420.5; 461.2 . Core ground; 378.0 - 380.0 ; 425.0 - 427.0 ; 439.0 - 442.0 .
463.7	488.4	Very fine grained, medium green - grey sheared rhyolite with occasional quartz injections and numerous epidote fracture-fillings.

FALCONBRIDGE MICHEL MINES LIMITED.6400 N. 5160 W.Date : July 29, 1951. Location: of O Danelline. Bearing : East. Hole No : 1.2.40.Logged by: L. B. Halliday. Dip: -57 at collar. Property: Full Pond, Newfoundland.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION.</u>
488.4	538.3	Fine grained to very fine grained, medium grey siliceous tuff with several bands of jasper, local chlorite and biotite development, numerous quartz injections, minor disseminations of pyrites and pyrrhotite and some intercalated altered andesite.
538.3	616.0	Fine grained, dark blue - grey altered andesite with chlorite biotite, anthophyllite and local cordierite development, occasional quartz injections and minor amounts of pyrites, pyrrhotite, chalcopyrite, magnetite and sphalerite. Core badly broken : 589.3 - 591.0 .
616.0	624.9	Similar to 538.3 - 616.0 with numerous quartz injections and epidote and carbonate fracture-fillings and minor pyrites and pyrrhotite.
624.9	652.0	Fine grained to very fine grained, medium to dark grey altered tuff with chlorite and biotite, numerous quartz injections, minor pyrites and magnetite and considerable intercalated altered andesite.
652.0	673.9	Fine grained, dark green altered chloritic andesite with blebs of cordierite, local biotite development and minor pyrites, pyrrhotite and magnetite.
673.9	695.4	Fine grained to very fine grained, medium to dark grey altered tuff, locally siliceous, with minor chlorite and biotite development, numerous quartz injections and minor pyrites and magnetite.
695.4	699.1	Fine grained, dark green - grey altered andesite, locally siliceous with chlorite and anthophyllite development and minor pyrites, chalcopyrite and pyrrhotite.
699.1	715.0	Fine grained to very fine grained, medium to dark grey siliceous tuff, locally brecciated, with occasional quartz injections, minor chlorite and minor pyrites and magnetite. Core ground : 704.0 - 705.0 .

HOLE FINISHED.

Hole started : July 26 th, 1951.

Hole finished : August 11th, 1951.

Hole cemented twice.

Tried to pull casing but unable to recover 18' of AX casing and 20' of EX casing.

Top 150' cemented.

AX core 18.0 - 22.0 .

ASSAY RECORD SHEET

Hole No. GB-46

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3221	538.3	543.3	5.0	0.03		Fine grained, dark blue grey altered andesite with biotite and chlorite. Minor pyrite and pyrrhotite.
3222	543.3	549.3	6.0	0.07		Fine grained, dark blue grey altered andesite with biotite, chlorite and anthophyllite. Minor pyrrhotite, pyrite, chalcopyrite and magnetite.
3223	549.3	553.0	3.7	0.06		Similar to #3222. Minor magnetite, pyrrhotite and pyrite.
3224	553.0	556.1	3.1	0.07		Similar to #3222. Minor magnetite, pyrrhotite and pyrite.
3225	556.1	560.8	4.7	0.42		Similar to #3222 with minor cordierite. Minor pyrrhotite, pyrite, magnetite and chalcopyrite.
3226	560.8	564.7	3.9	0.29		Similar to #3222. Minor chalcopyrite, pyrite, pyrrhotite and magnetite.
3227	564.7	565.4	0.7	1.89		Similar to #3222. 10 to 12% chalcopyrite, 6 to 8% pyrrhotite, and pyrites. Minor magnetite.
3228	565.4	569.4	4.0	0.10		Similar to #3222. Minor pyrrhotite, chalcopyrite, pyrite and magnetite.
3229	569.4	572.7	3.3	0.35		Similar to #3222. Minor pyrrhotite, chalcopyrite, and pyrite.
3230	572.7	574.0	1.3	1.04		Similar to #3222 with quartz injections. 6 to 8% chalcopyrite, 2 to 4% pyrrhotite and pyrite.
3234	574.0	579.0	5.0	0.15		Fine grained, dark blue-grey altered andesite with chlorite, biotite, anthophyllite, sericite and cordierite. Minor chalcopyrite, pyrrhotite and pyrite.
3235	579.0	581.2	2.2	0.02		Similar to #3234. Minor pyrite, pyrrhotite and chalcopyrite.
3236	581.2	582.9	1.7	0.43		Similar to #3234. 1 to 2% chalcopyrite, 1 to 2% pyrrhotite and pyrite.
3237	582.9	587.0	4.1	0.14		Similar to #3234. Minor chalcopyrite, pyrite, pyrrhotite and ZnS.
3238	587.0	589.3	2.3	0.14		Similar to #3234. Minor chalcopyrite, pyrite and pyrrhotite.
	589.3	603.5	NOT	SAMPLED		

ASSAY RECORD SHEET

Hole No. GB-46

GULLETFJORD MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
3239	603.5	606.5	3.0	0.07		Similar to #3234. 1 to 2% sphalerite. Minor chalcopyrite, pyrite and pyrrhotite.
3240	606.5	611.0	4.5	0.13		Similar to #3234. Minor chalcopyrite, pyrite, pyrrhotite and sphalerite (?).
	611.0	662.7	NOT	SAMPLED		
3272	662.7	664.1	1.4	Nil		Fine grained, dark green altered chloritic andesite with blebs of cordierite and local biotite. Minor pyrite, pyrrhotite and magnetite.
3273	664.1	666.1	2.0	Nil		Similar to #3272.
	666.1	695.4	NOT	SAMPLED		
3274	695.4	696.6	1.2	0.07		Fine grained, dark green-grey altered andesite with chlorite and anthophyllite. Minor pyrite, chalcopyrite and pyrrhotite.
3275	696.6	698.1	1.5	0.15		Similar to #3274, slightly siliceous. Minor pyrite, chalcopyrite and pyrrhotite.
3276	698.1	699.1	1.0	Trace		Similar to #3274, slightly siliceous. Minor pyrite, chalcopyrite and pyrrhotite.