

GULLBRIDGE MINES LIMITED

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Date: Jan. 9, 1951

Hole No: G.P. - 2

Logged by: W. B.

Property: Gull Pond, Newfoundland.

DIP TESTS

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected Angle</u>
0.0	Hole collared at 70 degrees	70 degrees
100.0	75 degrees	68 1/2 "
200.0	74 "	68 1/2 "
300.0	74 "	68 1/2 "
400.0	74 "	67 "
500.0	73 "	67 "
616.0	73 "	

Hole started January 3, 1951.
Hole finished January 17, 1951.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	8.0	Overburden: sand, gravel and boulders; casing 9 feet.	
9.0	39.0	f.g., dk. green andesite cut by irregular qtz., f.f.'s: blocky ground.	
39.0	43.0	f.g., dk. greenish black andesite with 15 - 20% dissem. py. & pyrr.	527
43.0	50.0	similar: Occas. splotchy masses of lt. brown mineral: With 15% dissem., py. & pyrr. & with numerous chloritic slips.	528
50.0	54.0	Similar, somewhat lighter colored and more altered and with 8 - 10% dissem. py. & pyrr., slight 15° lineation.	529
54.0	60.5	f.g., lt. grey, soft, carbonated, rock (possibly altered volcanic)	
60.5	63.7	f.g., dk. green, altered, silicified (?), andesite, cut by numerous fine qtz., f.f.'s.	
63.7	67.7	f.g., lt. grey, crumulated chert, cut by occas. qtz., f.f.'s., occas. py. grains.	
67.7	73.2	f.g., greyish-green, to dk. green, altered, carbonated, andesite cut by numerous qtz. & carbonate f.f.'s.	
73.2	79.6	Similar, somewhat more chloritic with minor dissem. py.	530
79.6	84.0	f.g., greyish-green, highly altered andesite cut by occas. qtz., f.f.'s.	
84.0	87.5	f.g., dk. green, altered highly chloritic andesite with scattered large irregular cordierite crystals; minor dissem. py.	

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FROM	TO	DESCRIPTION	SAMPLE NO.
87.5	92.5	f.g., greenish-grey, massive qtz.-biotite - magnetite rock with minor fine dissem. py.	
92.5	123.7	f.g., dk. gray to green andesite complex: local biotite, chlorite and cordierite (?) alteration: minor dissem. py. & pyrr: minor magnetite: strong tight 20° shear @ 102.5'	
123.7	132.0	f.g., lt. grayish-white, crenulated, sericitic chert, or siliceous sericite schist, with scattered black euhedral crystals, and with occas. scattered py. crystals.	
132.0	141.2	f.g., dk. gray, qtz. - biotite - magnetite rock, with minor dissem. py. & pyrr.	531
141.2	150.3	f.g., lt. gray, crenulated, impure chert (or rhyolite), with minor dissem. py.	532
150.3	152.0	Similar with rare blebs of cp.	533
152.0	161.0	f.g., gray quartz-biotite rock with some anthophyllite & magnetite.	
161.0	170.7	f.g., gray-white, crenulated chert or rhyolite similar to 123.7 - 132.0	
170.7	177.0	Ditto 152 - 161	
177.0	211.5	Medium f.g., greenish gray quartz anthophyllite - cordierite rock with some local alterations.	
211.5	221.5	f.g., dk. green altered chloritic andesite with scattered cordierite crystals throughout.	
221.5	269.0	Medium f.g. quartz-chlorite - anthophyllite cordierite rock.	
269.0	336.0	f.g., dk. green altered chloritic andesite with varying amounts of crystalline cordierite throughout.	
336.0	341.5	Silicified section of the altered chloritic andesite.	
341.5	428.5	f.g., dk. green altered chloritic andesite with numerous cordierite crystals and occasional magnetite pyrite and pyrrhotite disseminated throughout.	
428.5	477.0	f.g., brownish-grey, qtz.-biotite-cordierite rock with scattered magnetite and pyrite. Flow structure apparent and the rock is schisted.	

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FROM	TO	DESCRIPTION	SAMPLE NOS.
477.0	495.0	f.g., dk. green altered andesite with scattered cordierite and magnetite crystals. Minor disseminated pyrite and pyrrhotite.	
495.0	507.5	f.g., brownish-grey, qtz.-biotite-cordierite rock cut by numerous quartz fracture filled stringers.	
507.5	521.5	f.g., dk. green, altered chloritic andesite, scattered cordierite and anthophyllite and magnetite crystals - minor disseminated pyrite and pyrrhotite.	
521.5	526.0	f.g., dk. greyish-brown, mottled, quartz-biotite-cordierite rock with minor disseminated pyrite.	
526.0	541.6	f.g., dk. green altered andesite with anthophyllite and cordierite crystals. Minor disseminated pyrite and pyrrhotite.	
541.6	558.0	f.g., dk. brownish-grey, mottled, qtz.-biotite-cordierite rock. 556.5 - Narrow 10° slip.	
558.0	616.0	f.g., dk. green chloritic and talcose andesite with considerable biotite and cordierite. Minor disseminated pyrite and pyrrhotite. 562.0 - Narrow, tight 40° shear.	
	616.0	END OF HOLE.	

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SAMPLE NO.	FROM	TO	LENGTH	g CU	DESCRIPTION
527	39	43	4.	0.34	Fine grained, dark greenish-black andesite with 15 to 20% disseminated pyrite and pyrrhotite.
528	43	50	7.	0.31	Similar; occasional splotchy masses of light brown mineral, with 15% disseminated pyrite and pyrrhotite, with numerous chloritic slips.
529	50	54	4.	0.30	Similar, somewhat lighter coloured, more altered and with 8 to 10% disseminated pyrite and pyrrhotite; slight 15° lineation.
530	73.2	79.6	6.4	0.26	Fine grained, greyish-green to dark green, altered, carbonated, andesite, cut by numerous carbonate and quartz fracture-fills, with minor disseminated pyrite.
531	132.	141.2	9.2	0.21	Fine grained, dark grey, quartz-biotite-magnetite rock, with minor disseminated pyrite and pyrr.
532	141.2	150.3	9.1	0.09	Fine grained, light grey, crenulated impure chert (or rhyolite), with minor disseminated pyrite.
533	150.3	152.	1.7	0.20	Similar to 141.2 to 150.3, with rare blebs of chalcopyrite.
534	152.	153.2	1.2	0.51	Fine grained, grey quartz-biotite-anthophyllite rock with minor disseminated pyrite and traces chalcopyrite.
535	153.2	161.	7.8	0.20	Fine grained, grey quartz-biotite-magnetite rock, with minor disseminated pyrite and pyrrhotite.
536	161.	170.7	9.7	0.12	Fine grained, greyish-white, crenulated chert (or rhyolite), similar to 123.7 to 132, and with minor finely disseminated pyrite. Banded at 35°.
537	170.7	177.	6.3	0.44	Fine grained, similar to 153.2 to 161, rare specks chalcopyrite.
538	177.	182.5	5.5	0.87	Medium to fine grained, greenish-grey, quartz-anthophyllite-cordierite (?) rock, with disseminated pyrrhotite, pyrite and about 1% chalcopyrite.
539	182.5	187.	4.5	0.55	Similar, with minor disseminated pyrrhotite, pyrite and chalcopyrite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	Feet %	DESCRIPTION
540	187	190.5	3.5	0.30	1.05	Similar, with increasing cordierite, chlorite and magnetite (altered andesite?).
541	190.5	195.5	5	0.88	4.40	Similar to 187-190.5, with disseminated pyrrhotite and pyrite and minor chalcopyrite.
542	195.5	199.5+	4	1.52	6.08	Similar, with 1 to 2% chalcopyrite.
543	199.5	203	3.5	0.64	2.24	Highly silicified phase of preceding, with minor pyrite, pyrrhotite and chalcopyrite.
544	203	207	4	1.24	5.96	Medium to fine grained, dark greyish-green quartz-chlorite-anthophyllite-cordierite rock with disseminated pyrrhotite, pyrite and about 1% chalcopyrite. (altered andesite?).
545	207	211.5	4.5	0.43	1.93	Similar with minor disseminated pyrite and pyrrhotite.
546	211.5	216.5	5	0.58	2.90	Fine grained, dark green altered chloritic andesite with scattered cordierite crystals throughout; minor disseminated pyrite, pyrrhotite and chalcopyrite.
547	216.5	221.5	5	0.82	4.10	Similar with disseminated pyrrhotite, pyrite and minor chalcopyrite.
548	221.5	226.5	5	0.72	3.50	Medium fine grained, quartz-chlorite-anthophyllite-cordierite? rock, with disseminated pyrrhotite, pyrite, and minor chalcopyrite. (altered andesite?).
549	226.5	231.5	5	0.65	3.25	Similar with minor disseminated pyrrhotite, pyrite and chalcopyrite.
550	231.5	236.5	5	0.58	2.90	Similar with increasing chalcopyrite.
551	236.5	242	5.5	0.25	1.37	Similar, with minor pyrrhotite, pyrite and rare chalcopyrite.
552	242	246.5	4.5	1.33	5.98	Similar, with 1 to 2% chalcopyrite.
553	246.5	250	3.5	0.28		Similar with minor chalcopyrite.
554	250	255	5	0.12		Similar, with minor disseminated pyrrhotite and pyrite.
555	255	260	5	0.12		Similar.
556	260	265	5	0.32		Similar, somewhat more silicified, slight banding at 35°, minor pyrite and pyrrhotite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
557	265	269	4	0.22		Similar to preceding (260 - 265)
558	269	274	5	0.20		Fine grained, dark green, altered chloritic andesite, with cordierite crystals throughout, 10 to 15% pyrite and pyrrhotite.
559	274	279	5	0.11		Similar, with 10 to 15% pyrite and pyrrhotite.
560	279	284	5	0.03		Fine grained, dark green, altered chloritic andesite with cordierite (?) crystals throughout. 6 to 8% disseminated pyrite and pyrrhotite.
561	284	289	5	0.10		Similar, with minor disseminated pyrite and pyrrhotite.
562	289	294	5	0.07		Similar.
563	294	299	5	0.12		Similar, with 10 to 12% pyrite and pyrrhotite.
564	299	304	5	0.02		Similar, with minor disseminated pyrrhotite and pyrite.
565	304	309	5	0.02		Similar, somewhat more silicified, with minor disseminated pyrrhotite and pyrite.
566	309	314	5	0.08		Fine grained, dark green, chloritic andesite with scattered cordierite (?) and magnetite throughout. 5% disseminated pyrite and pyrrhotite.
567	314	319	5	0.13		Fine grained, dark green, altered chloritic andesite with some cordierite development and scattered magnetite grains, and with 10% disseminated pyrite and pyrrhotite.
568	319	324	5	0.10		Similar with occasional quartz fracture fillings
569	324	331	7	0.13		Similar; with 6 to 7% disseminated pyrite and pyrrhotite.
570	331	336	5	0.10		Similar with 15% disseminated pyrite and pyrrhotite, slight banding at 35°
571	336	341.5	5.5	0.05		Similar, considerably more silicified with some biotite development, minor disseminated pyrite and pyrrhotite.
572	341.5	347.5	6	0.10		Fine grained, dark green, altered, chloritic andesite, with numerous scattered cordierite crystals, minor magnetite, minor disseminated pyrite and pyrrhotite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
573	347.5	352.5	5	0.07		Similar
574	352.5	357.5	5	0.10		Similar. slight 20° shear at 355 feet.
575	357.5	362.5	5	0.08		Similar to 352.5 to 357.5, slight 20° schistosity at 360 feet.
576	362.5	369	6.5	0.12		Fine grained, dark green, altered, highly chloritic andesite, with scattered cordierite masses and minor magnetite grains. Minor disseminated pyrrhotite and pyrite.
577	369	373.5	4.5	0.10		Similar with 15% disseminated pyrite and pyrrhotite.
578	373.5	379	5.5	0.02		Similar, with 10% disseminated pyrite and pyrrhotite.
579	379	385	6	Trace		Similar, less chlorite development, minor pyrite and pyrrhotite.
580	385	390	5	0.04		Similar to 379 to 385.
581	390	395	5	Trace		Similar to 385 to 390.
582	395	400	5	Trace		Fine grained, dark green, altered chloritic andesite, with cordierite and magnetite development, throughout and with minor fine disseminated pyrite and pyrrhotite.
583	400	405	5	0.02		Similar with 10% disseminated pyrite and pyrrhotite.
584	405	410	5	0.03		Similar, with 10% disseminated pyrite and pyrrhotite.
585	410	415	5	Trace		Similar, with minor disseminated pyrite, pyrrhotite and occasional quartz fracture fillings
586	415	420	5	Trace		Similar to 410 - 415, with minor disseminated pyrite and pyrrhotite, somewhat more silicified.
587	420	423.5	3.5			Similar to 415 - 420.
588	423.5	428.5	5	0.02		Fine grained, brownish-gray quartz-biotite-cordierite (?) rock, with sparse pyrite and magnetite grains.

ASSAY RECORD SHEET

Hole No. GE-2

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
589	477	482	5.0	0.12		Fine grained, dark green, altered chloritic andesite, with scattered cordierite and magnetite crystals: 15% disseminated pyrite and pyrrhotite.
590	482	488.5	6.5	0.02		Similar to 477 - 482.

Summary

39.0	54.0	15.0	0.32	
170.7	195.5	24.8	0.61	
195.5	207.0	11.5	1.15	
207.0	236.5	29.5	0.63	
212.0	246.5	34.5	1.33	