

GULLBRIDGE MINES LIMITED

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Date: Jan. 12, 1951.

Hole No: G.P. - 3

Logged by: W. R.

Property: Gull Pond, Nfld.

Dip Tests:

<u>Footage</u>	<u>Angle etched</u>	<u>Correct Angle.</u>
0.0	Hole collared at	45 degrees
200.0	50 degrees	41 1/2 degrees
400.0	49 "	40 1/2 "
500.0	48 "	39 1/2 "

Hole started January 8, 1951.

Hole finished January 18, 1951.

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NOS.</u>
0.0	17.0	Casing: sand, gravel and boulders	
17.0	18.5	f.g., grey quartz-biotite - magnetite rock with minor dissem. py.	
18.5	21.5	f.g., dk. green, altered, biotitic chloritic and silicified andesite (?) with scattered cordierite and magnetite crystals and minor dissem. py. and pyrr.	591
21.5	24.5	Similar, with some anthophyllite development.	592
24.5	31.0	Mostly f.g., grey, banded, siliceous rock with minor dissem. py. and with bands (or inclusions (?)) of altered andesite. May be tuff or impure chert.	593
31.0	34.5	Similar to 18.5 - 21.5 and with 15 - 20% dissem. py. & pyrr.	594
34.5	38.0	Nearly massive py., andesitic remnants.	595
38.0	40.0	f.g., dk. green altered chloritic andesite with scattered cordierite (?) and magnetite and heavily dissem. & f.f. py. & pyrr.	596
40.0	45.5	Similar, locally sl. schistose and with 5 - 6% dissem. py., pyrr., and minor cp.	597
45.5	50.5	Similar, with minor py. & pyrr. and no visible chalco.	598
50.5	59.0	Mostly f.g., grey, locally banded, cherty-looking rock with minor dissem. py., pyrr., and rare cp.	599
59.0	64.0	f.g., dk. green andesite with 5 - 6% dissem. py. & pyrr.	600
64.0	79.5	f.g., dk. green altered andesite with considerable anthophyllite development and with minor py., pyrr., and magnetite. Sulphides appear to replace anthophyllite. After 77 some cordierite (?) alteration.	

Date: Jan. 12, 1951.

Hole No: G.B. - 3

Logged by: W.B.

Property: Gull Pond, Nfld.

FROM	TO	DESCRIPTION	SAMPLE NOS.
79.5	87.0	f.g., grey to greenish grey cherty-looking rock with scattered clusters of mafic minerals, occas. magnetite specks and minor dissem. py. & pyrr & traces cp: Local 55° banding.	
87.0	103.0	f.g. to medium f.g. dk. grey ^{to} greenish silicified and chloritic andesite with scattered anthophyllite and cordierite and magnetite with medium to heavy pyrite and pyrrhotite - 101.7 - 103.0 - massive pyrite.	
103.0	113.3	Very f.g. light grey to white sericitic rhyolite (?) Slightly schistose and with fine interlamellar pyrite. 109 - 110 - massive pyrite.	
113.3	134.0	f.g. grey chert with minor scattered magnetite crystals and finely disseminated pyrite and pyrrhotite as well as considerable narrow sections of massive pyrite.	
134.0	171.0	Medium and f.g. dk. green altered chloritic and biotitic andesite. Many sections are silicified with cordierite and magnetite developed. Heavy and minor disseminated pyrite, pyrrhotite and chalcopyrite are present.	
171.0	196.0	Medium to f.g. altered silicified andesite with some cordierite and magnetite developed. Disseminated sulphides high in chalcopyrite are present in this section.	
196.0	259.5	f.g., dk. green altered chloritic andesite with cordierite and magnetite developed. Sulphides are well disseminated throughout in the form of chalcopyrite, pyrite and pyrrhotite.	
259.5	280.0	f.g., dk. greenish black altered cordierite - andesite with well disseminated pyrite, chalcopyrite and pyrrhotite.	
280.0	290.3	Very f.g., greenish-grey, trap dyke (?) with chilled borders and some epidote alteration along joint fractures.	
290.3	332.0	f.g., dk. green, altered andesite with varying amounts of chalcopyrite and minor disseminated pyrite and pyrrhotite.	
332.0	371.5	f.g., dk. green, altered chloritic andesite with considerable cordierite and magnetite developed and disseminated pyrite pyrrhotite and chalcopyrite present.	

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FROM	TO	DESCRIPTION	SAMPLE NOS.
371.5	382.0	f.g., dk. greenish-black, altered chloritic, talcose, andesite with magnetite and cons. cordierite development with minor dissem. py. and pyrr.	
382.0	384.0	f.g., dark, greyish-green, massive, trap dyke.	
384.0	397.0	Mostly f.g., dk. green, altered, chloritic, andesite with magnetite and cons. cordierite development and minor dissem. py. and pyrr., occas. qtz. f.f.	
397.0	424.0	f.g., dk. green altered andesite, with local chlorite-cordierite and some biotite alteration. Occas. qtz. and qtz. - carbonate f.f., also occas. slips.	
424.0	433.0	f.g., dk. green altered andesite.	
433.0	483.0	f.g., dk. green, altered, chloritic, andesite with local clusters of epidote.	
483.0	511.0	Similar, with chlorite, biotite and cordierite and minor dissem. and. f.f. py. and pyrr.	

HOLE FINISHED.

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
591	18.5	21.5	3.0	0.10		Fine grained, dark green, altered biotitic chloritic and silicified andesite (?) with scattered cordierite and magnetite crystals and minor disseminated pyrite and pyrrhotite.
592	21.5	24.5	3.0	0.10		Similar to 18.5 - 21.5, with some anthophyllite development.
593	24.5	31	6.5	0.08		Mostly fine grained, grey, banded, siliceous rock, with minor disseminated pyrite and with bands (or inclusions ?) of altered andesite. May be tuff or impure rock.
594	31	34.5	3.5	0.43		Similar to 18.5 - 21.5 and with 15 to 20% disseminated pyrite and pyrrhotite.
595	34.5	38	3.5	0.35		Nearly massive pyrite, andesitic remnants.
596	38	40	2.0	0.62		Fine grained, dark green, altered chloritic andesite with scattered cordierite (?) and magnetite and heavily disseminated and fracture-fill pyrite and pyrrhotite.
597	40	45.5	5.5	0.65		Similar, locally sl. schistose and with 5 - 6% disseminated pyrite, pyrrhotite and minor chalcopyrite.
598	45.5	50.5	5.0	0.38		Similar, with minor pyrite and pyrrhotite and no visible chalcopyrite.
599	50.5	59	8.5	0.22		Mostly fine grained grey, locally banded, cherty-looking rock with minor disseminated pyrite, pyrrhotite, and rare chalcopyrite.
600	59	64	5.0	0.63		Fine grained, dark green, andesite with 5 - 6% disseminated pyrite and pyrrhotite.
601	87	93.7	6.7	0.40		Fine grained to medium fine grained, dark greenish-grey silicified andesite with scattered anthophyllite and minor disseminated pyrite and pyrrhotite.
602	93.7	96	2.3	0.15		Fine grained, dark green altered chloritic andesite with scattered cordierite and magnetite and with 10% disseminated pyrite and pyrrhotite.
603	96	101.7	5.7	0.07		Similar with 20% heavily disseminated pyrite and pyrrhotite.
604	101.7	103	1.3	0.05		Massive pyrite.

ASSAY RECORD SHEET

Hole No. 0B-3

GULLBRIDGE MINES LIMITED
Badger, Newfoundland.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
605	103	106.5	3.5	0.20		Very fine grained light grey to white slightly sericitic rhyolite (?), slightly schistose and with fine interlamellar and fracture-fill ^{ing} pyrite.
606	106.5	109	2.5	0.60		Similar, with minor chalcopyrite.
607	109	110	1.0	0.50		Nearly massive pyrite.
608	110	113.3	3.3	0.10		Similar to 103-106.5 with short massive pyrite sections.
609	113.3	120.5	7.2	0.10		Fine grained grey chert (?) with minor scattered magnetite crystals and finely disseminated pyrite and pyrrhotite.
610	120.5	123.6	3.1	0.15		Similar to 113.3-120.5 and with numerous massive pyrite fracture-fillings.
611	123.6	125.8	2.2	0.17		Massive pyrite.
612	125.8	128.8	3.0	0.20		Similar to 113.3-120.5, occasional pyrite, fracture-fillings
613	128.8	130.3	1.5	0.02		Nearly massive pyrite with altered andesitic remnants.
614	130.3	132.5	2.2	Trace		Mostly chert, sw. banded and with 10% disseminated pyrite concentrations.
615	132.5	134	1.5	0.03		Massive pyrite with banded cherty remnants.
616	134	138.5	4.5	0.12		Fine grained, dark green altered chloritic and biotitic andesite with scattered cordierite (?) and magnetite crystals and with 30% heavily disseminated pyrite and pyrr.
617	138.5	143.3	4.8	0.52		Fine grained, dark greyish-green, altered silicified and somewhat biotitic andesite with abundant magnetite and some cordierite (?), and with minor disseminated and blade-like pyrite.
618	143.3	147	3.7	0.20		Similar 138.5-143.3, minor disseminated pyrite, pyrrhotite and chalcopyrite.
619	147	152	5.0	0.80	4.00	Similar to 134-138.5, and with 20% locally heavily disseminated pyrite, pyrrhotite, and minor chalcopyrite.

ASSAY RECORD SHEET

Hole No. GB-3

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
620	152	157	5.0	1.25	6.25	Medium fine grained altered silicified andesite with scattered magnetite and with 10% disseminated pyrite and pyrrhotite and with 1% chalcopyrite.
621	157	159	2.0	0.60	1.20	Fine grained, dark greyish-green, altered silicified andesite with scattered cordierite and magnetite and with minor disseminated pyrite, pyrrhotite and chalcopyrite.
622	159	162	3.0	1.95	5.85	Medium to fine grained dark green altered andesite with disseminated pyrite, pyrrhotite and 2% chalcopyrite: sl. 40° schistosity.
623	162	166	4.0	2.01	8.04	Similar to 159-162 with considerable injected quartz, some cordierite (?), and with 3% chalcopyrite.
624	166	167.5	1.5	0.55	.825	Similar with minor chalcopyrite and occasional magnetite grains.
625	167.5	171	3.5	2.00	7.00	Similar with disseminated pyrite, pyrrhotite and 2-3% chalcopyrite.
626	171	174	3	.53	1.59	Medium fine grained, altered silicified andesite with minor disseminated pyrite, pyrrhotite, and chalcopyrite.
627	174	178.5	4.5	.70	3.15	Similar, with some cordierite and magnetite development and with minor disseminated pyrite, pyrrhotite, and chalcopyrite.
628	178.5	181	2.5	1.25	3.125	Medium fine grained, dark green altered silicified biotitic andesite with disseminated pyrite, pyrrhotite and 1 - 2% chalcopyrite, slight 45° schistosity. (some cordierite development).
629	181	183.5	2.5	2.35	5.875	Similar with 4 - 5% chalcopyrite.
630	183.5	186	2.5	1.55	3.875	Similar with 1% chalcopyrite.
631	186	189	3.0	1.85	5.55	Similar, with disseminated pyrite, and pyrrhotite, and slightly over 1% chalcopyrite.
632	189	192	3.0	.49	1.47	Similar with minor disseminated pyrite, pyrrhotite, and chalcopyrite.
633	192	196	4.0	1.26	5.04	Similar with disseminated pyrite, pyrrhotite and minor chalcopyrite.
634	196	199.5	3.5	2.20	7.70	Fine grained dark green altered chloritic andesite with cordierite development and with 15% disseminated pyrite, pyrrhotite and 1% chalcopyrite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
635	199.5	203	3.5	2.32	8.12	Fine grained, dark green altered, chloritic and locally biotitic andesite with cordierite and magnetite development. 10% disseminated pyrite and pyrrhotite and 1-2% chalcopyrite.
636	203	206	3.0	.92	2.76	Similar, with disseminated pyrite, pyrrhotite and 1½% chalcopyrite: less chloritic than 199.5-203.
637	206	209	3.0	1.74	5.22	Similar, with disseminated pyrite, pyrrhotite and 3% chalcopyrite.
638	209	214	5.0	1.79	8.95	Similar, with 10% disseminated pyrite, and pyrrhotite, and with 1-2% chalcopyrite.
639	214	218.5	4.5	2.65	11.95	Similar, 199.5-203 with 2-3% chalcopyrite. Minor 25° shear at 216.
640	218.5	221	2.5	1.33	3.325	Similar with disseminated pyrite, pyrrhotite, and minor chalcopyrite.
641	221	223	2.0	1.99	3.98	Similar with 2% chalcopyrite and some injected quartz.
642	223	226.2	3.2	.98	3.136	Medium ^{or} fine grained, dark green, altered chloritic and biotitic andesite with considerable quartz, cordierite and some magnetite, minor disseminated pyrite, pyrrhotite and chalcopyrite.
643	226.2	229	2.8	3.43	9.404	Similar, with considerable injected quartz stringers and blebs and 4-5% chalcopyrite. (mostly associated with the quartz.)
644	229	231	2.0	1.95	3.90	Similar, with 1% chalcopyrite.
645	231	234	3.0	3.05	9.15	Similar, with 5% chalcopyrite.
646	234	237	3.0	1.46	4.380	Similar to 231-234 with minor disseminated pyrite, pyrrhotite and chalcopyrite.
647	237	242	5.0	1.84	9.200	Similar, with some injected quartz and disseminated pyrite, pyrrhotite and minor chalcopyrite, slight schistose at 45°
648	242	246	4.0	2.14	8.560	Similar with 1-2% chalcopyrite.
649	246	249.5	3.5	9.76	34.160	Similar, somewhat more biotitic and with 12 - 14% heavy chalcopyrite mineralization.
650	249.5	253	3.5	2.34	8.290	Similar, locally schistose and with 2% chalcopyrite.
651	253	259.5	6.5	1.86	12.090	Similar, locally schistose at 45° and with 2% chalcopyrite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU Feet %	DESCRIPTION
652	259.5	265	5.5	1.63	8.965	Fine grained, dark greenish-black altered cordierite-andesite with 15% disseminated pyrite, pyrrhotite and minor chalcopyrite.
653	265	269	4.0	1.47	5.880	Similar, with 10% pyrite, and pyrrhotite, and minor chalcopyrite, some talc development throughout. Minor 15° shear at 269.
654	269	272.3	3.3	2.26	7.458	Similar, with minor chalcopyrite.
655	272.3	274.3	2.0	4.50	9.000	Similar, with 8% chalcopyrite blebs, some injected quartz.
656	274.3	280	5.7	1.65	9.405	Similar, with 6-8% disseminated pyrite and pyrrhotite and minor chalcopyrite.
	280	290.3	10.3	Waste		NOT SAMPLED (DIKE).
657	290.3	294.2	3.9	1.65	6.440	Fine grained, dark green altered andesite, similar to 274.3-280, with disseminated pyrite, pyrrhotite, and 1% chalcopyrite.
658	294.2	296.7	2.5	.75	1.870	Similar, with increasing cordierite and minor chalcopyrite.
659	296.7	300.5	3.8	2.27	8.63	Similar, with 2-3% chalcopyrite.
660	300.5	304	3.5	2.15	7.55	Similar, somewhat more chloritic and with 1-2% chalcopyrite.
661	304	309	5.0	2.19	10.95	Similar.
662	309	312.5	3.5	2.39	8.36	Similar with 10% disseminated pyrite, pyrrhotite and 2% chalcopyrite.
663	312.5	317.5	5.0	1.27	6.35	Similar, with 1-2% chalcopyrite.
664	317.5	321.5	4.0	2.75	11.00	Similar, with 5% chalcopyrite.
665	321.5	326.5	5.0	1.21	6.05	Similar, with minor disseminated pyrite and pyrrhotite, and sparse chalcopyrite.
666	326.5	332	5.5	.88	4.84	Similar, with 1% chalcopyrite.

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SAMPLE NO.	FROM	TO	LENGTH	% CU	CU	DESCRIPTION
667	332	337	5.0	2.10	10.50	Fine grained, dark green altered chloritic andesite with considerable cordierite and magnetite development and 10-15% pyrite and pyrrhotite, and 4-5% blebs and fracture-filling chalcopryite, slight 30° slip at 336.5.
668	337	341.5	4.5	2.07	9.32	Similar to 332-337, less chloritic and locally schistose at 45°, with disseminated pyrite, pyrrhotite, and 3% chalcopryite.
669	341.5	347	5.5	1.93	10.60	Similar, with 2% chalcopryite.
670	347	352	5.0	1.18	5.90	Similar, with minor chalcopryite, 45° carbonate fracture-fill ^{ing} at 349.5.
671	352	357	5.0	1.00	5.00	Similar, with considerable disseminated pyrite and pyrrhotite and minor chalcopryite.
672	357	361.5	4.5	1.81	8.15	Similar, less chloritic and with disseminated pyrite, pyrrhotite and minor chalcopryite.
673	361.5	366.5	5.0	1.66	8.30	Similar to 357-361.5, somewhat talcose and with minor chalcopryite.
674	366.5	371.5	5.0	0.35		Similar to 361.5-366.5 with minor pyrite, pyrrhotite, and chalcopryite.

Summary:

31.0	64.0	33.0	0.44
136.5	152.0	13.5	0.53
152.0	200.0	128.0	1.98
290.3	366.5	76.2	1.70
366.5	371.5	5.0	0.35