

FALCONBRIDGE NICKEL MINES LIMITED

Date: Sept. 5, 1951 Location: 395' W of Min Pt Bearing: _____ Hole No. G.B. 48
base line on GBII
section

Logged by: L. Hudson Dip: - 90 Property: Gull Pond, Newfoundland
L. Halladay
AX core 15.0-30.0

From	To	Description	Sample Nos.
0.0	15.0	Overburden: sand, gravel & some small boulders	
15.0	40.5	v.f.g., lt. med. gray rhyolite, locally sericitized, with occas phenocrysts, numerous qtz. injections, epidote f.f., & minor py. & tourmaline development.	
40.5	58.0	v.f.g., med. gray, sericitic rhyolite, with occas. qtz. & epidote f.f.	
58.0	58.7	f.g., lt. green porphyritic dacite dyke, with qtz. & feldspar phenocrysts. Minor galena, py. & cp.	
58.7	61.6	f.g., lt. green, sl. altered, sericitic rhyolite, with minor galena along epidote f.f.	
61.6	62.6	f.g., lt. green porphyritic dacite dyke, with qtz. & feldspar phenocrysts. Minor py. & cp.	
62.6	94.0	v.f.g., med. gray, sericitic rhyolite, with occas. qtz., epidote & carbonate f.f.	
94.0	110.2	v.f.g., med. gray-green rhyolite, locally sericitic with numerous qtz. injections occas. epidote & carbonate f.f., minor py.	
110.2	114.0	m.g.-f.g., med. green intermediate dyke, probably dolerite, with occas. epidote & carbonate f.f.	
114.0	280.9	v.f.g., med. dk. gray rhyolite, locally sericitic, with numerous qtz. injections. occas. epidote & carbonate f.f., some phenocrysts & amygdulites & locally slightly sheared. 124.3: breccia	
280.9	292.0	v.f.g., red-brown rhyolite ? , with qtz. & feldspar phenocrysts & numerous qtz. injections & epidote f.f.	
292.0	293.6	rhyolite breccia	
293.6	407.3	v.f.g., med. gray rhyolite, locally sheared; with numerous qtz. injections, occas. epidote & carbonate f.f. Dendritic manganese oxide along fractures. Breccia: 349.3	
407.3	428.8	v.f.g., lt. brownish-gray rhyolite, with epidote f.f. & numerous qtz. injections.	
428.8	441.5	f.g., dk. green altered andesite, highly chloritized & with numerous epidote f.f. 429.6- 430.1 - some jasper bands	
441.5	468.0	f.g., dk., greenish black trap, with a very small amount of intercalated chloritic andesite. (456.2-456.6)- v.f.g., lt. greenish-gray rhyolite. (452.8 - 453.8)- considerable injected qtz. core badly broken	

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DIP TESTS

<u>Footage</u>	<u>Angle etched</u>	<u>Corrected angle</u>
0.0	collared at 90 degrees	-
500.0	86 degrees	84 degrees
1000.0	82 "	78 "
1500.0	76 "	70 "
1991.0	61 "	54 "

<u>From</u>	<u>To</u>	<u>Description</u>	<u>Sample Nos.</u>
468.0	473.0	similar to 428.8 - 441.5	
473.0	483.0	v.f.g., dk. grey black tuff Breccia: 477.0-478.5	
483.0	591.9	f.g., dk. grayish-green andesite, with epidote f.f., shows evidence of faint shearing. (538.7-539.2)-v.f.g., black dacite dykelet with feldspar phenocrysts & putty colored contact at 539.2.	
591.9	610.0	f.g.,-v.f.g., dk. black trap, with occas. qtz. & epidote f.f.	
610.0	617.0	f.g., dk. green andesite, with well-developed pheno- crysts of hornblende.	
617.0	618.6	v.f.g., lt. grayish-brown rhyolite (rhy.-and) contact makes an angle of 35° with core at 617 & 20° at 618.6	
618.6	631.6	similar to 610.0-617.0	
631.6	655.0	f.g., dk. greyish-green andesite, with occas. epidote f.f.	
655.0	656.9	f.g., lt. grey, rhyolitic tuff, with qtz., & carbon- ate f.f.; locally sericitized.	
656.9	661.3	f.g.-m.g., dk. bluish-green dolerite, brownish & chilled near contacts, contact makes an angle of 35° with core at 656.9 and 50° at 661.3, qtz. & epidote f.f., dissem. py, considerable epidote at lower contact.	
661.3	662.8	v.f.g.-f.g., med. grey andesite	
662.8	664.5	f.g., greenish-grey andesite, appears amygdaloidal and with flow banding	
664.5	667.0	f.g., med. grey tuffaceous andesite, brecciated especially in lower part, with numerous qtz. in- jections, minor epidote and py.	
667.0	669.2	f.g.-m.g., dk. greenish-grey dolerite, epidote f.f. & minor py., especially near epidote.	
669.2	669.9	f.g., lt. grey tuffaceous andesite, somewhat brecciated and with numerous qtz. injections, minor py., epidote & ep.	
669.9	703.0	f.g.-m.g., med. dk., greenish-grey andesite. with amygdaloidal horizon at 676.5-678.0 & 679.0- 679.2, occas. epidote, qtz. & carbonate f.f. & minor py.	

FALCONBRIDGE NICKEL MINES LIMITED

Date: Sept. 14, 1951 Location: 395' W of Min Pt Bearing: Hole No. G.D. 48
base line on GB II
section

Logged by: L. Hudson Dip: -90 Property: Gull Pond, Newfoundland
L. Halladay

From	To	Description	Sample Nos.
703.0	732.0	f.g., lt. to dk., greenish-gray andesite, with abundant recrystallized amphibole, carbonate, qtz. & epidote f.f., some chloritization, minor py. & a few scattered phenocrysts of feldspar.	
732.0	732.3	brecciated contact zone, contacts at 5°, considerable qtz., py. & minor sp.	
732.3	756.7	f.g.-m.g., dk. greyish-green, intermediate, dike rock, shows a decrease in grain size near contacts, numerous clusters of secondary minerals (carbonate & sericite) giving it a speckled appearance, epidote, qtz. & carbonate f.f. & minor py.	
756.7	775.7	f.g., med. green andesite, with epidote & carbonate f.f.	
775.7	779.3	f.g.-v.f.g., dk. greenish black trap, with chilled contacts	
779.3	804.3	similar to 756.7-775.7 793.5-798.0: some jasper bands, core badly broken	
804.3	809.4	v.f.g., med to dk. red jasper bands, with some intercalated tuffs.	
809.4	849.4	f.g.-v.f.g., lt. gray and blue interbanded cren. tuff & rhy. complex, locally sheared & sericitized, with qtz. & epidote f.f. 830-832: c.g.	
849.4	961.4	f.g.-v.f.g., dk. greenish-black andesite, with occas. epidote f.f. Shows pronounced dk. color near 849.4 contact (probably due to very fine dissemin. py) & development of amphiboles near 961.4 contact (1/4" - 1/2") in size & with a lt. colored alt. zone around them.	
961.4	990.5	similar to 809.4-849.4 but with more pronounced shearing and sericitization.	
990.5	1007.5	f.g.-m.g., dk. gray-black dolerite dike, with occas. epidote f.f.	
1007.5	1017.0	similar to 961.4-990.5	
1017.0	1054.5	f.g.-v.f.g., med. grey, sheared tuff, highly sericitized with occas. qtz. injections.	
1054.5	1075.6	similar to 961.4-990.5	
1075.6	1163.8	similar to 1017.0 - 1054.5, but with numerous qtz. injections & sericitization locally.	
1163.8	1166.8	v.f.g., med. grey slightly chloritic tuff 1164-1164.7: band of red jasper	
1166.8	1181.1	f.g.-v.f.g., med. grey tuff, highly sericitized, with numerous qtz. f.f., occas. epidote f.f. & jasper bands.	
1181.1	1191.8	v.f.g., lt. brown rhyolite, brecciated & with epidote seams.	

FALCONBRIDGE NICKEL MINES LIMITED

Date: Sept. 24, 1951 Location: 395' W of Min Pt Bearing _____ Hole No. G.N. 48
base line on GB II
section

Logged by: L. Hudson Dip: -90 Property: Gull Pond, Newfoundland
L. Halladay

From	To	Description	Sample Nos.
1191.8	1223.6	v.f.g., lt. grey & med. grey rhyolite & tuff complex, with numerous epidote f.f., qtz. f.f. & jasper bands. Considerable brecciation & locally highly sericitized.	
1223.6	1246.9	f.g., dk. green, highly chloritized andesite with some cordierite development	
1246.9	1259.0	similar to 1191.8-1223.6	
1259.0	1263.1	similar to 1223-1246.9	
1263.1	1305.0	similar to 1191.8-1223.6	
1305.0	1321.0	m.g., med. to dk. greenish-grey diorite, with slight ophitic texture.	
1321.0	1401.0	f.g.-v.f.g., dk. black trap (basalt?) with occas. epidote & qtz. f.f. & some chloritization.	
1401.0	1416.2	similar to above but with pronounced epidote f.f. & brecciation.	
1416.2	1430.5	m.g., med. green, feldspar-qtz. porphyry, with occas. epidote & qtz. f.f. chilled contact at 1430.5	
1430.5	1458.6	f.g.-v.f.g., dk. black trap with numerous qtz. f.f. & brecciation.	
1458.6	1467.6	bands of red jasper, with qtz. f.f.; core badly broken.	
1467.6	1556.3	f.g., dk. greenish-black, chloritic andesite with numerous clusters of epidote & occas. epidote, qtz. & carbonate. f.f.	
1556.3	1599.1	v.f.g., black cherty-looking rock (rhy.), with beds of brownish-red jasper & inter. med. grey sh. tuff; pronounced qtz. veining (veins contain angular fragments of cherty rock.)	
1599.1	1611.7	f.g., black alt. andesite, with pronounced epidote development, some carbonate dev.; formation is highly magnetic.	
1611.7	1673.0	v.f.g., lt. grey, sl. sheared, cherty-looking rock (rhy.) with beds of brownish-red jasper & inter. med. grey, sheared tuff (similar to 1556.1-1599.1) but slightly magnetic.	
1673.0	1685.5	f.g., med. green black, sl. ophitic trap dyke, (andesite?) with a somewhat sugary texture.	
1685.5	1704.4	similar to 1611.7-1673.0	
1704.4	1730.0	f.g., -v.f.g. black sheared andesite, with chlorite dev. & beds of red jasper 1727-30: c.g.	

FALCONBRIDGE NICKEL MINES LIMITED

Date: Nov. 2, 1951 Location: 395' W of Min Pt Bearing: Hole No. G.B. 48
base line on GB II
section

Logged by: L. Hudson
L. Halladay Dip: -90 Property: Gull Pond, Newfoundland

From	To	Description	Sample Nos.
1730.0	1862.1	f.g.-v.f.g., med. gray sheared & cren. tuff, with occas. qtz. f.f., some qtz. phenocrysts & euhedral py. & a few specks of py.	
1862.1	1922.9	f.g., med. gray qtz. diorite porphyry, with occas. qtz. f.f., biotite dev. & euhedral py.	
1922.9	1991.0	v.f.g., med. gray rhyolite & inter. tuff, with qtz. f.f., some sericite dev. & cubic py, (locally segregated into bands).	

End of Hole

Hole Started: August 14, 1951

Hole finished: October 21, 1951

Caving ground at 95', 274' and 432'

EX casing pulled and top 150' cemented

ASSAY RECORD SHEET

Hole No. G.B. 48

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

SAMPLE NO.	FROM	TO	LENGTH	% CU	% PB	GR. AG	GR. NO	DESCRIPTION
3278	58.0	58.7	0.7	.09	Nil	.03	Tr.	F.G., lt. green dacite porphyry dyke, minor galena and PY.
3279	58.7	61.6	2.9	Tr.	Tr.	.09	Tr.	F.G., lt. green al. altered sericitic rhyolite (?) with minor galena along epidote F.F. and minor PY.
3280	61.6	62.6	1.0	.03	Tr.	.05	Tr.	F.G., lt. Green dacite porphyry Dyke, minor PY and GP.