

DIAMOND DRILLING LOG

ABITIBI-PRICE MINERAL RESOURCES

HOLE NO.	PAGE NO.
BJ-78	1

DRILLING COMPANY Longyear Canada Inc.	COLLAR ELEVATION 134 m	BEARING OF HOLE FROM TRUE NORTH 130°	TOTAL FOOTAGE 91.4 m	DIP OF HOLE -45°	PROPERTY NAME Mary March Area - Grid 2008-1.	CLAIM NO.
DATE HOLE STARTED March 14/83	DATE COMPLETED March 16/83	DATE LOGGED Mar. 16-17/83	LOGGED BY D. Barbour	CORE SIZE BQ	MAP REFERENCE NO.	LOCATION W11,100 N500

FOOTAGE		ROCK TYPE	DESCRIPTION	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS						
FROM	TO			FROM	TO								
0	3.7	Overburden	Casing to 3.7 m, pulled										
3.7	28.8	Basalt	Gray to dark reddish strongly hematized mafic pillow lava...abundant white to hematite-stained calcite amygdales...frequent tiny calcite veinlets - frequent slickensiding and occasional less than 1 cm thick pug zones imply proximity to major faulting 8.2-28.8 m...dominantly variolitic textured mafic rock, generally textureless outside of varioles...some short zones of good pyroclastic texture (fragments 0.5 to 4 cm size, still variolitic) - still strongly hematitized with some thin calcite veinlets and frequent slickensides...also a number of up to 10 cm thick strongly sheared zones representing small faults - 15.5 m...20 cm thick sheared cataclastic material...fault - below 24 m losing most of the hematite - 25 m...20 cm thick sheared material...small fault -28-28.8 m...strongly sheared with thin pug seams 20-20.4, 21-23.3, 25.9-26.4, 27.1-28 m...massive amygdaler mafic rock as 3.7-8.2 m...all contacts vague										
28.8	30.8	Fault Zone	28.8-29.9 m...dominantly chloritic fault pug cementing tiny fragments...29.6-29.9 m contains abundant very finely disseminated pyrite and possibly some graphite 29.9-30.8 m...pale green bleached looking, sheared, cataclastic rock... 29.9-30.4 m contains abundant white calcite + quartz veining with frequent spots of galena - 30.4-30.8 m contains some fragmented parts of what looks like thin beds containing in excess of 70% very fine pyrite										
30.8	35.2	Sheared Andesite	Pale to medium green colored andesitic to intermediate looking rock...strongly sheared with possible variolitic and pyroclastic texture...shearing approx. 45° to core...frequent slickensides and less than 1 cm thick pug seams...some calcite veinlets - minor finely disseminated pyrite, increasing toward 35.2 m - rock resembles 128.6-147.8 m section in hole BJ-73										

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CLAIM NO.	

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE	PROPERTY NAME		CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	CORE SIZE	MAP REFERENCE NO.		LOCATION	

FOOTAGE		ROCK TYPE	DESCRIPTION	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS				
FROM	TO			FROM	TO						
35.2	54	Alteration Zone	Gray strongly altered and pyritic zone as west of park; very similar to hole BJ-74...alteration largely sericite-clay minerals-pyrite <u>35.2-37.8 m</u>...pale gray colored and looks like may have been felsic ...some areas of distinct washed-sorted tuff texture...some areas containing up to 20% finely disseminated pyrite - this unit close to 50% fault pug zones of which 35.6-36.2 m and 37-37.4 m are the major zones - <u>37.6 m</u>...8 cm thick diabase dike with chilled margins <u>37.8-41.9 m</u>...gray colored very fine grained silty tuff to fine grained lapilli tuff...bedded 70 to 90° to core...much of this tuff looks washed and fairly well sorted...5-20% very finely disseminated pyrite and traces Pb-Zn sulfides - rock now very competent with only minor slickensides - <u>40.1-41.9 m</u>...rock more massive, indistinctly textured with areas of dark angular glass shards...frequent fine grained disseminations-blebs of honey colored sphalerite and galena <u>41.9-52.4 m</u>...dark gray colored, more mafic looking, more massive and distinctly textured rock with abundant spots that look like varioles...still in excess of 5% very fine pyrite, some in stringers...rock may be tuffaceous - still traces Pb-Zn sulfides - <u>44.6-46.3 m</u> ...fine tuff and wacke...good bedding...possible graded bedding pointing to tops downhole...bedding 75-80° to core - some irregular patches of dark gray extremely fine grained very pyrite-rich material throughout...look like they were originally soft and were squashed into present shape - at <u>45 m</u> and <u>47 m</u> are 10-20 cm thick fault pug zones - by <u>46.3 m</u> start getting some barite with quartz in veinlets with <u>47.7-48.2 m</u> approx. 50% barite <u>52.4-54 m</u>...zone starts with 1 cm thick fault pug seam...at start rock is slightly less altered than above...rock gets progressively less altered until at 53.3 m are three very thin pug seams and 53.3-54 m is more like 30.8-35.2 m.								

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CLAIM NO.	

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE	PROPERTY NAME	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	CORE SIZE	MAP REFERENCE NO.		LOCATION

FOOTAGE		ROCK TYPE	DESCRIPTION	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS				
FROM	TO			FROM	TO						
54.0	55.0	Diabase	Medium gray-green colored diabase dike...chilled 75° contact at 54 m with 8 cm thick zone of porphyritic-looking material...diabase is well slickensided and calcite veined...contact at 55 m is 10-20 cm of fault pug... faulted								
55.0	63.1	Intermediate-andesitic volcanic	55-57.5 m is pale gray-green colored mottled rock that may have been feldspar porphyritic...very indistinct texture; may have been pyroclastic...very abundant slickensiding and some thin pug seams (< 1 cm) - 57.5-63.1 m...same rock except mostly reddish and hematitized... still frequent pug seams.								
63.1	72.2	Fault Zone	63.1-63.7 m...largely fault pug and breccia 63.7-65.7 m...less affected rock consisting of numerous thin pug seams and sheared zones separating zones of more competent material... original rock was andesitic to intermediate possibly pyroclastic material partly similar to 57.5-63.1 m 65.6-67.5 m...dominantly fault pug and breccia...possibly some graphite in pug...minor dolomite and traces galena 67.5-72.2 m...cataclastic rock similar to 63.7-65.7m...frequent pug seams and sheared zones...rock looks like andes-inter. pyroclastic... partly contains some agate-like silica spots similar to Ski Hill material near park...minor dolomite-quartz veinlets...lose most of pug zones by 72.2 m								
72.2	75.4	Andesitic Pyroclastic	Andesitic pyroclastic similar to 67.5-72.2 m...really a gradual change from above...still fairly sheared, slickensided and with scattered thin pug seams.								
75.4	76.6	Diabase	Medium gray-green fine grained diabase...5 cm pug zone at 75.4 m contact...76.6 m contact irregular and not appreciably chilled								
76.6	91.4	Intermediate Pyroclastic?	Pale to medium olive green colored very indistinctly textured rock that may be pyroclastic...broken & slickensided...some foliation due to cataclastic stress - frequent irregularly shaped patches or possibly veining (up to 10 cm size) of grayish barite comprising up to 5% of rock...below 47.2 m is only minor barite in less than 1cm sized spots								

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DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		CORE SIZE	MAP REFERENCE NO.		LOCATION

FOOTAGE		ROCK TYPE	DESCRIPTION	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS				
FROM	TO			FROM	TO						
			- pug seams of less than 2-3 cm thickness fairly common - in places rock looks sort of dacitic - below 85.3 m rock looks a little more pyroclastic with scattered pyritic foreign fragments up to 3 cm size...also traces pyrite. 91.4 m END								