

ABITIBI-PRICE INC. MINERAL RESOURCES DIVISION

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON
EVERY PAGE

HOLE NO.
BJ 66

PAGE NO.
1

COMPANY Longyear Canada Inc.		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH Mag. South	TOTAL FOOTAGE 76.2 m	Depth M	Dip -45°	Azimuth (True)	Comments	MAP REFERENCE NO.	CLAIM NO.
DATE STARTED March 21/81	DATE COMPLETED March 23/81	DATE LOGGED Mar.24/81	LOGGED BY D. Barbour						LOCATION (Tp., Lot, Con. OR Lat. and Long.) E 6400 N 2230	
EXPLORATION CO., OWNER OR OPTIONEE		CORE SIZE BQ	DISPOSITION OF CASING 3.7 m Left in Hole						PROPERTY NAME Mary March Area	

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Sample Footage From To		Sample Length	Assays Cu Pb Zn Au Ag				
0	4.3	Overburden									
4.3	6.1	Altered Mafic Rock	-Pale to medium gray colored altered mafic rock... contains possible amygdales... Clay mineral alteration and silicification... Possibly pyroclastic...Approx. 5% disseminated pyrite... Minor very tiny calcite vienlets...Contact 6.1 Indistinct.								
6.1	7.5	Altered Intermediate-Felsic Pyroclastic	-Lapilli tuff with some small foreign fragments... All altered (clay minerals + silicification)... Approx 5% disseminated pyrite... Contact 7.5 very Indistinct -Possible Bedding at 45° to core.								
7.5	39.6	Altered Mafic Rock	-As above... Rock masked by clay mineral alteration and lesser silicification... Abundant relict amygdales ... Approx. 5% pyrite, largely concentrated in the amygdales... Traces calcite... Minor Thin pug seams ... Minor chromium green mica. -At 9.6 is 3 cm. thick Quartz-Graphite filled fracture.								
			- 11.9 - 32.6.... Fairly frequent thin pug seams... Rock more mixed up than above with fair amount of chromium green mica... Minor dolomite and traces barite... Pyrite increase to approx. 7% minor brownish-yellow clay mineral ... Rock may be pyroclastic or flow breccia with the amygdales in the fragments.								
			- Possible bedding 45 - 50° to core - Traces base metal sulfide's recognized at 20.7								
			21.8 - 24.9 Lot of brownish-yellow clay mineral... May								

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HOLE NO. BJ. 66
PAGE NO. 2

COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth (True)	Comments	MAP REFERENCE NO.	CLAIM NO.
HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY						LOCATION (Twp., Lot, Con. OR Lat. and Long.)	PROPERTY NAME
LOCATION CO., OWNER OR OPTIONEE		CORE SIZE	DISPOSITION OF CASING							

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Sample Footage		Sample Length	Assays				
				From	To		Cu	Pb	Zn	Au	Ag
			correlate with zone in BJ. 65 and mineralized outcrop ... Also fair amount chromium green mica... approx 10% pyrite... More altered and lighter colored than rest but looks intermediate - Andesitic in composition.... Still frequent very thin pug seams. - 27 - 27.4 As 21.8 - 24.9								
			-32.6 - 39.6 ... Rock more massive like 7.5 - 11.9 -33.9 - 34.2 and 36.9 - 37.8.... Rock looks autobrecciated with paler siliceous material surroundings darker pyritic fragments. - Approx 8% disseminated and stringer pyrite... ... Traces chromium green mica and calcite. - Part of pyrite in vien like structure invading rock. - Contact 39.6 is 3 cm pug seam								
39.6	52.7	Altered Felsic-Intermediate Pyroclastic	- Pale gray colored altered pyroclastic... Silicification and clay mineral alteration... Partly lapilli tuff... approx 7 - 10% pyrite and traces base metal sulfides ... Frequent thin pug seams... Fair amount of chromium green mica in part... Minor brownish-yellow clay mineral.								
			-42.4 - 43.8... Similiar to mineralized outcrop... silicified - 43.8- 44.6.... Fault breccia and pug - 49.5-50.9.... Dominantly milky white to gray quartz with minor barite and anomalous yellowish sphalerite and galena... - 50.9-52.7... Fairly fractured with some milky quartz as above... Contact 52.7 is fractured at approx 50°.								

DIAMOND DRILLING LOG

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...ING COMPANY

DATE HOLE STARTED

DATE COMPLETED

COLLAR
ELEVATION[illegible]

TOTAL FOOTAGE	100
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Depth
(feet)

Dip

Azimuth
(True)

Comments

MAP REFERENCE NO.

LOCATION (Tp., Lot, Con. OR Lat. and Long.)

EXPLORATION CO., OWNER OR OPTIONEE

CORE SIZE

DISPOSITION OF CASING

PROPERTY NAME

[illegible]