

## DIAMOND DRILLING LOG

## ABITIBI-PRICE MINERAL RESOURCES

|           |          |
|-----------|----------|
| HOLE NO.  | PAGE NO. |
| BJ-77     | 1        |
| CLAIM NO. |          |

|                                          |                               |                                         |                         |                    |                                                |                         |
|------------------------------------------|-------------------------------|-----------------------------------------|-------------------------|--------------------|------------------------------------------------|-------------------------|
| DRILLING COMPANY<br>Longyear Canada Inc. | COLLAR ELEVATION<br>67.5 m    | BEARING OF HOLE FROM TRUE NORTH<br>310° | TOTAL FOOTAGE<br>91.4 m | DIP OF HOLE<br>-45 | PROPERTY NAME<br>Mary March Area - Grid 2008-1 | CLAIM NO.               |
| DATE HOLE STARTED<br>March 9/83          | DATE COMPLETED<br>March 12/83 | DATE LOGGED<br>Mar. 11-14/83            | LOGGED BY<br>D. Barbour | CORE SIZE<br>BQ    | MAP REFERENCE NO.                              | LOCATION<br>20,400 S252 |

| FOOTAGE<br>FROM TO |      | ROCK TYPE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SAMPLE FOOTAGE<br>FROM TO |  | SAMPLE LENGTH | ASSAYS |  |  |  |  |
|--------------------|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|---------------|--------|--|--|--|--|
| 0                  | 1.2  |           | Distance from collar to ground; hole started in bedrock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |  |               |        |  |  |  |  |
| 1.2                | 89.9 | Basalt    | <p>Dark green colored amygdaler mafic rock...some vague structures that may indicate pillows or flow breccia origin...frequent white calcite amygdales (up to 5 mm) and smaller dark chlorite amyg... scattered amyg. or vug fillings up to 3 cm in size.</p> <ul style="list-style-type: none"> <li>- some slickensiding on fracture surfaces but not pronounced</li> <li>- minor epidote</li> <li>- at 7 m is 10 cm band of calcite-epidote at 45° to core...may represent small fault</li> <li>- 11.9 m...10 cm zone of calcite-epid. at 10° to core...slickensided... fault.</li> <li>- by 14.3 m start getting some zones with minor hematite.</li> </ul> <p>28.8-70.4m...pyroclastic with up to 20 cm rounded fragments and dark chloritic glassy matrix...most of fragments are hematitic... fragments contain abundant white calcite amygdales...this unit contains fairly abundant slickensides and is fairly broken</p> <p>43.2-43.6m...core broken into small chips but nothing conductive-looking</p> <ul style="list-style-type: none"> <li>- below 43.6 m rock less broken but still with some slickensides</li> <li>- at 48.5 m is 18 cm zone of quartz-epidote-calcite filling fracture...no appreciable slickensides</li> <li>- below 48.8 m some coarser fragments (up to 40 cm)</li> <li>- at 66.7 m and 68.6 m are 18 cm thick zones of epidote-silica-calcite (filling fracture zones?)...at 66.7 m are several coarse splashes of galena; also traces galena at 68.6 m</li> </ul> <p>70.4-89.9 m...more distinctly pyroclastic texture with over half of fragments less than 5 cm in size and much more matrix than above...fragments generally hematitic, amygdaler (calcite) and rounded in shape...this rock much more fractured than above with abundant chloritic slickensides (increasingly fractured downhole)... looks more andesitic than above, more like Ski Hill type.</p> |                           |  |               |        |  |  |  |  |

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HOLE NO.

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BJ-77

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CLAIM NO.

DRILLING COMPANY

COLLAR  
ELEVATIONBEARING 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<br>FROM TO |      | ROCK TYPE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SAMPLE FOOTAGE |    | SAMPLE<br>LENGTH | ASSAYS |  |  |  |  |
|--------------------|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----|------------------|--------|--|--|--|--|
|                    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FROM           | TO |                  |        |  |  |  |  |
| 89.9               | 91.4 | Diabase   | <p>Dark green, fine grained equigranular diabase...approx. 2-3% small spots of pyrite...</p> <p>- contact 89.9 m is irregular at approx. 40° to core with minor chilling...</p> <p>- diabase has frequent epidote veinlets and abundant slickensides.</p> <p>NOTE: Increasingly fractured nature of above pyroclastic suggests proximity to major fault...diabase may be filling fault zone.</p> <p>EM Conductor probably fault zone.</p> <p>91.4 m (END) OF HOLE</p> |                |    |                  |        |  |  |  |  |