

**From:** [Melissa Joy](#)  
**To:** [Bill Patterson](#); [Chris Hanks](#)  
**Cc:** [Lou-Ann Cornacchio](#); [Peter Kusugak](#); [Phyllis Beaulieu](#)  
**Subject:** Re: Artesian Conditions -more info required  
**Date:** Monday, February 22, 2010 12:05:01 PM

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Hi Bill/Chris

The follow-up report has created some additional questions and requires further evaluation from Newmont:

A. "Staff geologists concluded occurrences were most likely the result of drills were working within 400m along the same structure"

1. What is this structure? With no information on the 'underground structure' it seems unusual that hydraulic loading of a structure happened at different times in different holes.
2. How does the structure manifest itself in the drill core?
3. Was this structure known from previous drilling?
4. What information do you have on permafrost depths (top and bottom) in the project area?

Please provide the complete drill logs with the applicable geotechnical logging.

B. "All future holes that have flow rates that do not dissipate over several hours will be plugged immediately"

You are reminded that ANY artesian condition must be dealt with immediately as per the terms and conditions of the water licence (ie. to be immediately sealed and permanently capped); several hours is not considered "immediately". These events are also to be logged and included in the annual report.

Please feel free to contact me with any questions or concerns regarding the above.

Thank you,  
Melissa

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>>> "Lea-Marie Bowes-Lyon" <Lea-Marie.Bowes-Lyon@Newmont.com>  
08/02/2010 6:19 pm >>>  
Hello Melissa,

Please find attached a follow-up report to our Jan. 25 letter regarding  
artesian flow at Hope Bay. Also attached as part of the report is an  
MSDS sheet, a SOP for cementing drill holes, and two lab results files  
for the samples taken with respect to the incident. Should you have any  
questions or concerns regarding this report, please contact Bill  
Patterson or Chris Hanks.

Cheers,

Lea-Marie

Léa-Marie Bowes-Lyon  
Land Tenure and Permitting Coordinator

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