



March 29, 2019

Jonathan Mesher  
Resource Management Officer  
Crown Indigenous Relations and Northern Affairs Canada (CIRNAC)  
Box 100  
Iqaluit, NU X0A 0H0

**Re: 2019 Geotechnical Drilling Program – Run of Mine Stockpile and Sedimentation Pond  
Type 'B' Water Licence 2BE-MRY1421  
Commercial Lease No. Q13C301**

Baffinland Iron Mines Corporation (Baffinland) plans to commence a 2019 drilling program at the Mary River Project (the Project) for the purpose of geotechnical investigation and slope stability analysis to support the construction of the Run of Mine (ROM) Stockpile and Sedimentation Pond located at KM107. The proposed drilling locations and their proximity to surrounding water bodies are shown in Attachment 1. The drilling program is being managed by Knight Piesold Inc. (KP) and performed by Boart Longyear. The program is scheduled to commence on April 5, 2019 and expected to be completed by April 14, 2019.

The drilling program consists of a total of five (5) boreholes. One (1) borehole (KM107-DH19-01) located at the proposed sediment pond berm, one (1) borehole (KM107-DH19-02) located at the proposed southern stockpile toe, one (1) borehole (KM107-DH19-03) located at the proposed eastern stockpile toe, one (1) borehole (KM107-DH19-04 located) at the proposed mid-northern stockpile core, and one (1) borehole (KM107-DH19-05) located at the proposed southern access road toe respectively. All proposed borehole locations, including coordinates, are presented in Attachment (1). All boreholes will be drilled to an approximate depth of 25m.

This drilling program is not expected to use water, as drilling will be executed using a sonic drill. Other supporting vehicles include a flatbed, survival shack and pick-up trucks for hauling personnel, equipment and supplies.

Environmental monitoring will be performed, including pre, during and post drilling inspections. Drill waste, if any due to no water being used, will be disposed of in natural depressions or sumps consistent with Part F, Item 4 of Baffinland's Type B Water Licence 2BE-MRY1421 (Type B Water Licence). Drill water runoff and siltation mitigation measures consistent with Baffinland's Environmental Protection Plan BAF-PH1-830-P16-0008 r1 should not be required due to no water use and seasonal timing of the geotechnical program.



Despite best planning, it should be noted that unforeseen circumstances may preclude some changes in plans as the program proceeds. Baffinland will endeavor to inform the Inspector and other relevant parties in such circumstances.

In accordance with the conditions of the Type B Water Licence, this letter and attachment provides Baffinland's notification for the drilling of a total five (5) boreholes with proximity to nearby water bodies (no water in proximity of drilling).

We trust that this information meets the various notification requirements for geotechnical drilling at the Project. Please do not hesitate to contact the undersigned, should you have any questions or comments.

Regards,

A handwritten signature in black ink, appearing to read "Chris Murray", written over a faint, larger version of the same signature.

Christopher Murray  
Environmental & Regulatory Compliance Manager

Attachments:

Attachment 1: Proposed Borehole Location Plan

Cc: Timothy Ray Sewell, Megan Lord-Hoyle, William Bowden, Connor Devereaux (Baffinland)  
Assol Kubeisinova, Karén Kharatyan (NWB)  
Ian Parsons, Bridget Campbell (CIRNAC)  
Jared Ottenhoff (QIA)

## **Attachment 1**

### **Proposed Borehole Location Plan**

