

Tyree Mullaney

From: Dumas, Daphnée (AADNC/AANDC) <daphnee.dumas@canada.ca>
Sent: Tuesday, November 5, 2019 3:03 PM
To: Morton, Tim (AADNC/AANDC)
Cc: Shannon Allerston; Tyree Mullaney; Kimberley Murray; DeCoste, Candace (AADNC/AANDC); David Hango; Plato, Natalie (AADNC/AANDC); Duffy, Curtis (AADNC/AANDC)
Subject: Re: Notice to Land Use Inspector - Borrow 2019 Drilling Sampling and Investigation

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon,

Please find listed below the hole drill sequence.

We propose to drill the holes in the following order.

1. BCR-BH-01
2. BCR-BH-03
3. NPSW-BH-02
4. NPSW-BH-03
5. NPSW-BH-04
6. NPSW-BH-05
7. NPSW-BH-06
8. NPSW-BH-07
9. NPSW-BH-01, access is difficult
10. BCR-BH-02, access is difficult

Please let me know if there are any questions.

Kind regards,

Daphnee

On Oct 30, 2019, at 12:48 PM, Morton, Tim (AADNC/AANDC) <tim.morton@canada.ca> wrote:

Thanks Daphnee. Will the holes be drilled in the order listed within figure 3?

Tim Morton
(867) 669-2442

From: Dumas, Daphnée (AADNC/AANDC) <daphnee.dumas@canada.ca>
Sent: Wednesday, October 30, 2019 12:33 PM
To: Morton, Tim (AADNC/AANDC) <tim.morton@canada.ca>; sallerston@mvlwb.com;
tyree@mvlwb.com; kmurray@mvlwb.com

Cc: DeCoste, Candace (AADNC/AANDC) <candace.decoste@canada.ca>; David Hango <David.Hango@pwgsc-tpsgc.gc.ca>; Plato, Natalie (AADNC/AANDC) <natalie.plato@canada.ca>; Duffy, Curtis (AADNC/AANDC) <curtis.duffy@canada.ca>
Subject: Notice to Land Use Inspector - Borrow 2019 Drilling Sampling and Investigation

Good afternoon,

This email is to inform you of the **Borrow Investigation – Geotechnical Drilling (Phase 1)** being completed at the Giant Mine Site under land use permit **MV2016S0016**.

Program details

The Giant Mine Remediation Project is conducting a drilling investigation of potential on-site coarse grained borrow areas. A total of 12 holes, up to 20m depth, are planned as part of this program using both diamond drill and sonic methods. The work will be completed by Boart Longyear, contracted under Parsons as the Giant Mine Main Construction Manager, using a LS250 Mini-Sonic Rig with diamond drill or sonic attachments. The drill specifications have been included in this email.

It is anticipated that the drill will be mobilized to site on Sunday 3rd November and drilling will begin on Monday 4th November. The drill will operate from 6am to 6pm and it is anticipated that this drilling program will have a 2 week duration, followed by demobilization from site.

The 12 hole program involves drilling on sites where no access road or drill pad construction is required. Each of the holes are planned to be accessed from existing site roads and are either located on the road, or in areas easily accessible by the rig from these roads. Brush clearing will not be required to access these drill holes, and any disturbance to vegetation will be kept to a minimum. A map of the holes is included in this email.

The GMRP will be using clean water from the city of Yellowknife to complete the drilling and the drill waste will be deposited in a sump or a natural depression located at least 100 meters from the Ordinary High Water Mark or any Watercourse (as per condition 18 of the Type A license).

The borrow drilling program consists of drilling outside of the mineralized zones, in basalt, and the GMRP does not foresee toxicity issues with the drill waste. The land use permit defines toxic material as any substance that enters or may enter the environment in a quantity or concentration or under conditions such that it:

- a) Has or may have an immediate or long-term harmful effect on the environment or its biological diversity;
- b) Constitutes or may constitute a danger to the environment on which life depends; or
- c) Constitutes or may constitute a danger in Canada to human life or health.

The Key Site Contacts and Alternates are listed below

Name	Project Title and Organisation	Contact Details
Doug Hayes	MCM Mine Manager	Doug.Hayes@parsons.com Mobile (867) 688-1036
Daniel Mathes	MCM Construction Superintendent	Daniel.Mathes@parsons.com Mobile 403-607-0648
Mehrnoush Javadi	AECOM Field Representative	mehrnoush.javadi@aecom.com Mobile: 236-330-5825
Sarah Marsanich	AECOM Project Manager	Sarah.Marsanich@Aecom.com Mobile: 780-984-4445

If you have any concerns or questions regarding the Borrow Investigation – Geotechnical Drilling Program (Phase I) you can contact me at the numbers below.

Kind Regards,

Daphnée Dumas, P.Eng
Senior Engineer / Ingénieure Principale
Giant Mine Remediation Project / Projet d'Assainissement de la Mine Giant
Northern Contaminated Sites Branch / Direction générale des sites contaminés du Nord
Crown-Indigenous Relations and Northern Affairs Canada/Ministère des Relations Couronne-
Autochtones et des Affaires du Nord Canada

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