



NIRB File No. 15YN008

March 19, 2015

Natasha Wodicka
Geological Survey of Canada (Natural Resources Canada)
601 Booth Street
Ottawa, ON K1A 0E8

Sent via email: Natasha.wodicka@nrcan-rncan.gc.ca

Re: Notice of Part 4 Screening for Geological Survey of Canada's "Tehery-Wager Geoscience Project" project proposal

Dear Natasha Wodicka:

On February 16, 2015 the Nunavut Impact Review Board (NIRB or Board) received the Geological Survey of Canada's (GSC) project proposal from GSC and on February 25, 2015 it was referred to the NIRB by the Nunavut Research Institute (NRI). On February 27, the NIRB received a positive conformity determination (Keewatin Land Use Region) from the Nunavut Planning Commission (NPC). The NIRB has assigned this project proposal file number 15YN008 - please reference this file number in related future correspondence.

The proposed project is to take place in the Kivalliq region the proposed project area has the western border approximately 135 kilometres (km) east of Baker Lake and the southern border approximately 75 km north of Chesterfield Inlet. The northern border of the proposed project area is adjacent to Ukkusiksalik National Park and the eastern border is proposed run along the mainland coast. The primary objectives of the proposed project are to increase the geological knowledge of the area and identify locations with elevated economic potential. The program is proposed to take place starting in June and end in August annually starting in 2015 and continuing in 2016 or 2017 depending on funding.

The project activities include:

- Use of twin or turbo otter to deliver groceries, goods and crew to and from the camp during the field season with helicopter transporting personnel to and from the study area and camp;
- Establishing of temporary camp at Lorillard for approximate 15 personnel in 2015;
- Utilization of existing Peregrine Diamonds Ltd.'s camp at Nanuq in 2016;
- Fly in camp equipment and fuel each year and fly out at the end of each season;
- Approximately 0.3 to 0.6 cubic metres of water to be pumped from Lorillard River for use during 2015 operations;

- Grey water and sewage to be disposed of in pits dug approximately 35 metres from any water body and covered with fill on a regular basis;
- Non-combustible waste to be shipped out of the camp and disposed of either at the Chesterfield Inlet or Baker Lake municipal waste facility;
- Combustible waste to be incinerated in empty fuel drums equipped with a portable industry standard incinerator and the ashes will be cooled and buried;
- A fuel cache established in a self-supporting insta-berm and contain no more than 120 drums of aviation fuel, 4 drums of diesel, 1 drum of gasoline and 5 – 100 pound propane tanks with spill kits; and
- Fist-sized rocks to be collected with a hammer, soil samples by shovel, and permafrost cores using a hand drill. These collected samples will be sent to a laboratory for further analysis.

All documents received and pertaining to this project proposal can be obtained from the NIRB's online public registry at

<http://ftp.nirb.ca/01-SCREENINGS/ACTIVE%20SCREENINGS/15YN008-NRCan-Tehery-Wager%20Geoscience/> including:

- *NIRB Part 1 Summary Application Form in English and Inuktitut*
- *Non technical Project Proposal summary in English and Inuktitut*
- *Maps*
- *NPC Conformity Determination*
- *Community engagement minutes*

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

The NIRB is copying parties and municipalities potentially affected by GSC project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **April 9, 2015**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please send your comments to the NIRB at info@nirb.ca or via fax at **(867) 983-2594**.

If you have any questions or require clarification, please contact the undersigned at (867) 983-4619 or kgillard@nirb.ca.

Sincerely,

A handwritten signature in blue ink that reads "Kelli Gillard". The signature is fluid and cursive, with the first name "Kelli" and last name "Gillard" clearly distinguishable.

Kelli Gillard B.Sc., P.Ag.
Technical Advisor
Nunavut Impact Review Board

cc: Distribution List
 Phyllis Beaulieu, Nunavut Water Board
 Luis Manzo, Kivalliq Inuit Association
 Mosha Cote, Nunavut Research Institute
 Tracey McCaie, Aboriginal Affairs and Northern Development Canada

Enclosures (2): Comment Forms (English and Inuktitut)