



Natural Resources
Canada

Geological Survey
of Canada

Ressources naturelles
Canada

Commission géologique
du Canada

Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut XOB 1J0

Fax: 867-360-6369

August 15, 2011

Dear Sir,

I am writing to submit a Nunavut Water Board application for a geochemical survey in the Ellice-Back River area of the Kitikmeot region, planned for early October, 2011. The Geo-mapping for Energy and Minerals (GEM) program (2008-2013) is a \$100M federal program providing public geoscience knowledge for Canada's North. The knowledge gained from the survey will be available for land-use decisions by governments, and for exploration investment decisions by industry.

The present project aims to improve knowledge of an area (parts of NTS 76H, 76I) that was last mapped in 1962 during the Geological Survey of Canada's "Operation Bathurst". During the survey, a contracted team of 3-4 samplers will use a helicopter to take stream-sediment samples. The crew will operate from a small tent camp for 15 days. All tents, waste and fuel drums will be removed to complete the project.

Approximately 240 12 kg samples (silt, water, pebbles) will be collected with shovels from streams and analyzed for their mineral contents to evaluate the nature of the surrounding rocks and determine whether the area has mineral potential. A contractor will be selected through the federal government's open bidding process.

The data will be used by the Geological Survey of Canada to evaluate whether further geological work is required in the area. Data will be published immediately as an Open File Report, available to the public via free download. Copies of the Report will be sent to the Hamlet of Cambridge Bay, the KIA, and NTI.

We have received comments and recommendations on the project from the Nunavut Department of the Environment and have incorporated these in our operational plan.

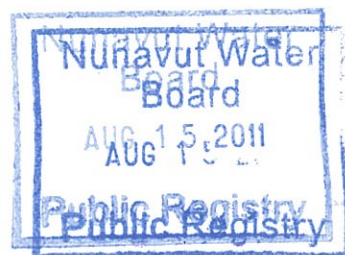
Please note that a translation of the project summary into Inuinnaqtun has been delayed owing to the summer vacation schedule.

Could you please indicate a mechanism for payment of the \$30.00 Application fee and Water Use by Natural Resources Canada.

If you have any questions, comments or concerns, please do not hesitate to contact me at the coordinates indicated below.

Yours sincerely,

John Percival
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