



3. List the pending permits, licenses, or other authorizations related to the project proposal:
Nunavut Water Board water license exemption, Nunavut Research Institute research permit, Qikiqtani Inuit Association land use license exemption, Nunavut Planning Commission (deferred to NIRB). Territorial Park land use application will be submitted with above authorizations.

4. Has this project or any components of this project been previously screened or reviewed by NIRB?

YES

NO

If YES, indicate the previous project name and NIRB File No.

SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal (check all that apply)^(1,2):
 (See Appendix A for Project Type Definitions)

1	All-Weather Road/Access Trail	<input type="checkbox"/>	9	Site Cleanup/Remediation	<input type="checkbox"/>
2	Winter Road/ Winter Trail	<input type="checkbox"/>	10	Oil and Natural Gas Exploration/Activities	<input type="checkbox"/>
3	Mineral Exploration	<input type="checkbox"/>	11	Marine Based Activities	<input type="checkbox"/>
4	Advanced Mineral Exploration	<input type="checkbox"/>	12	Scientific/International Polar Year Research*	<input checked="" type="checkbox"/>
5	Mine Development /Bulk Sampling	<input type="checkbox"/>	13	Harvesting Activities*	<input type="checkbox"/>
6	Pits and quarries	<input type="checkbox"/>	14	Tourism Activities*	<input type="checkbox"/>
7	Offshore Infrastructure (port, break water, dock)	<input type="checkbox"/>	15	Other ⁽²⁾ :	<input type="checkbox"/>
8	Seismic Survey	<input type="checkbox"/>			<input type="checkbox"/>

Please note:

- All project types listed above, except those marked with an asterisk (*), will also require the Proponent to submit a **Part 2 Project Specific Information Requirement (PSIR) Form**. The NIRB application process will not be considered complete without the Part 2 PSIR Form.
- Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
- If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.



2. If Project Type 3, 4 or 5 was selected above, please indicate the mineral of interest that is being extracted. Include a brief description.

<input type="checkbox"/>	Base Metals (zinc, copper, gold, silver, etc)
<input type="checkbox"/>	Diamonds
<input type="checkbox"/>	Uranium
<input type="checkbox"/>	Other: _____

3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.

Transportation Type	Quantity	Proposed Use	Length of Use
Helicopter (if available)	1	Pick up and drop off (Waddell Bay)	1 day
Boat	1	Travel to Macdonald and Glencoe islands	5 – 8 days

3b. Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note: the building of new structures may require a Part 2 Form.** We will leave from the dock at Kimmirut for boat travel. We are only using existing infrastructure.

3c. If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

Portable tent camp for 3-5 people, camp at each location (or a central location) for 1-3 days, no power. We will sleep in our own portable camping tents, and use a bucket to gather water.

4. Personnel

Total No. of personnel on site = (A)	3	Total No. of days on-site = (B)	6	Total No. of Person days (A) × (B) = 58
	5		8	

5. Timing

Period of operation: from August 6, 2016 to August 20, 2016
 Proposed term of authorization: from July 01, 2016 to September 10, 2016

6a. Region (check all that apply):

<input type="checkbox"/>	North Baffin	<input type="checkbox"/>	Kivalliq	<input type="checkbox"/>	Kitikmeot	<input type="checkbox"/>	Transboundary: _____
<input checked="" type="checkbox"/>	South Baffin	<input type="checkbox"/>	National Park				

6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

Some localities are in the vicinity of Kimmirut. The Kimmirut community council approved our proposed research work in their area. Two localities are located in a territorial park; we have been told to submit our application for conducting research after other permits are acquired.



6c. Discuss the history of the site if it has been used for any project activities in the past.
Some of the localities south of Kimmirut are on properties that have been explored for gem deposits (sapphire).

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.
None at our research sites, which are located on bare bedrock outcrop.

7. Land Status (check all that applies):

- Crown
 Commissioners'
 Municipal
 Inuit Owned Surface Lands
 Inuit Owned Sub-Surface Lands

8a. Co-ordinates:

Min Lat (degree/minute) N 62°46' Min Long (degree/minute) W 72°29'
 Max Lat (degree/minute) N 63°44' Max Long (degree/minute) W 66°53'

NTS Map Sheet No: 25M/03; 25K/13; 25O/06; 25O/07

(Please ensure that maps of the project are attached (1:50,000 if available, 1:250,000 **Mandatory**) available from Natural Resources Canada)

8b. If the project proposal includes a **camp**, please provide the coordinates of the camp location

Camp locations will be located near the study sites, or at a central area between study sites for Kimmirut area. Research site coordinates below.

Locality	Lat./long.
Macdonald Island	N63.69845 W72.47447
Glencoe Island	N63.08041 W71.46496
Qila	N62.81938 W69.87844
Trailside	N62.83931 W69.89869
SE Soper Lake	N62.86565 W69.87020
Soper Falls	N62.89244 W69.84075
Soper River	N63.01267 W69.72608
Waddell Bay	N63.41842 W66.96841

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION



Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

IMPORTANT: IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

SECTION 5: MATERIAL USE

1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):

Equipment type and number	Size – dimensions	Proposed use
Boat	Unknown – to be hired	Travel to island localities
Helicopter	Unknown – to be hired if available	Travel to Waddell Bay

2a. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline			
Aviation fuel			
Propane			
Other (fuel for boat)		76	Fuel used in boat for travel, not to be stored. Estimated quantity
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.

We are not storing or transporting fuel except for the in-use fuel tank supplying fuel to the motor of vehicles used for transport. We will hire a company or individual to transport us in their watercraft, as we do not have our own.



SECTION 8: GENERAL QUESTIONS

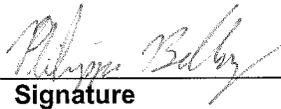
1. Will you be disturbing any known archaeological sites?

YES

NO

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:



Signature

Ph.D. Student

Title

11 April 2016

Date