



## PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site <http://ftp.nirb.ca/>. The NIRB's website ([www.nirb.ca](http://www.nirb.ca)) is currently under construction. Please contact [info@nirb.ca](mailto:info@nirb.ca) should you have any questions or require further information.

### IMPORTANT!

Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

### SECTION 1: APPLICANT INFORMATION

1. **Project Name** Baffin Island spinel research project
2. **Applicant's full name and mailing address:**  
Philippe Belley  
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Phone: 613-204-3011  
Fax: \_\_\_\_\_  
Email: pbelley@eos.ubc.ca
3. **Primary contact's full name and mailing address:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

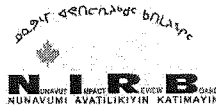
### SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

<input checked="" type="checkbox"/>	Regional Inuit Association (RIA)	<input type="checkbox"/>	Canadian Launch Safety (CLS)
<input checked="" type="checkbox"/>	Nunavut Water Board (NWB)	<input type="checkbox"/>	Environment Canada (EC)
<input checked="" type="checkbox"/>	Nunavut Planning Commission (NPC)	<input type="checkbox"/>	Government of Nunavut (GN)
<input type="checkbox"/>	Indian and Northern Affairs Canada (INAC)	<input type="checkbox"/>	Department of National Defense (DND)
<input type="checkbox"/>	Department of Fisheries and Oceans (DFO)	<input type="checkbox"/>	Hamlet
<input type="checkbox"/>	Community Government & Services (CG&S)	<input type="checkbox"/>	Parks Canada (PC)
<input checked="" type="checkbox"/>	Nunavut Research Institute (NRI)	<input type="checkbox"/>	Canadian Wildlife Service (CWS)
<input type="checkbox"/>	Department of Culture, Language, Elders, and Youth (CLEY)	<input checked="" type="checkbox"/>	Other (please specify): Territorial Park

2. **List the active permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):**  
\_\_\_\_\_  
\_\_\_\_\_





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.

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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.

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#### 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:

**3a. Detail the anticipated daily water consumption rates**

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location
0.04	Bucket	Stream or river

**3b. Have you applied for a water License with the Nunavut Water Board?**

☒ YES

☐ NO

**If yes, what class of licence?**

Due to our very low amount of water usage, our work is subject to a water licence exemption, for which we have applied.

☐ Class A Water Licence

☐ Class B Water Licence

## SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

**1. List the types of waste associated with the proposed project activities:**

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)	Up to 5 L / day	Burial in trench	
Greywater	Up to 35 L / day	Burial in trench	
Combustible wastes	0 (carried back)		
Non-Combustible wastes	0 (carried back)		
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

**2. Describe the proposed Waste Management Plan.**

We are producing very small quantities of waste for only a few days per campsite. We will bury the sewage and greywater far away from any water source.

## SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

**1. List the community representatives that have been contacted and provide the minutes of the meetings if available:**

Community	Name	Organization	Date Contacted
Kimmirut		Hunters & Trappers	22 February, 2016
Kimmirut	Hosea Mpofu	Senior Admin. Officer	22 February, 2016
Iqaluit		Hunters & Trappers	22 February, 2016
Iqaluit	Tracy Cooke (clerk)	Chief Admin. Officer	22 February, 2016



**1. Will you be disturbing any known archaeological sites?**

**X NO**

**Please sign and date your application:**

**11 April 2016**

Date \_\_\_\_\_