

PART 1 FORM

PROJECT PROPOSAL INFORMATION REQUIREMENTS

3. List the pending* permits, licenses, or other authorizations related to the project proposal:

- Nunavut Water Board “General Water Licence Application” (appendix 2)
- QIKIQTANI INUIT ASSOCIATION – Access to Inuit Owned Land Permit (appendix 9)
- Aboriginal Affairs and northern Development Canada Land Use Permit (appendix 10)
- Nunavut Planning Commission Land-Use Conformity (Appendix 1)

*Please provide a copy of all applications to the NIRB.

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

☐ **YES**

x 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	X
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 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:

1. 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.
2. Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
3. 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 in previous question, 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

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.*

There is an existing airstrip on site. Small maintenance related measures might have to be done to the surface of the airstrip to make it functional for operations. There is also an existing barge landing area which will be used for remediation of the site, and transfer of materials via sealift to the south for disposal at appropriate licenced facilities.

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.

A small temporary camp will be established on site.

4. Personnel

Total No. of personnel on site = (A)	30	Total No. of days on-site = (B)	180	Total No. of Person days (A) × (B) = 5400
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5. Timing

Period of operation:	from	July 2016	to	September 2020
Proposed term of authorization:	from	July 2016	to	September 2020

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.

The site is located 50 km to the west of the nearest community, Qikiqtarjuaq, Nunavut, at approximately 67° 57' 01" N latitude and 64° 55' 04" W longitude. After military operations at the site ceased, the site



became part of the Auyittuk National Park. FOX-D was within Auyittuk National Park under the management of Parks Canada until 1992, when custody of the site was transferred to AANDC (formerly Indian and Northern Affairs Canada (INAC)).

6c. Discuss the history of the site if it has been used for any project activities in the past.

FOX-D (Kivitoo) was an Intermediate Distant Early Warning (DEW) Line Site constructed in 1957 and operated until October 1963. (Further details are provided in section 4 of this application.)

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area. Please see attached Archaeological Site Assessment for Fox-D which can be found in appendix 6.

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) 67°55'41.33"N Min Long (degree/minute) 64°51'1.34"W
Max Lat (degree/minute) 67°57'42.31"N Max Long (degree/minute) 64°57'58.30"W

NTS Map Sheet No: 026P15

(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

Min Lat (degree/minute) 67°56'3.42"N Min Long (degree/minute) 64°53'24.56"W
Max Lat (degree/minute) 67°56'3.42"N Max Long (degree/minute) 64°53'24.56"W

If different from above for the camp:

NTS Map Sheet No: 026P15

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

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.

PLEASE SEE APPENDIX 3 FOR THE EXECUTIVE SUMMARY.

SECTION 5: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use

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			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.

3a. Detail the anticipated daily water consumption rates




☐ YES

☒ NO

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

	<u>Project Manager</u>	<u>2015-09-21</u>
Signature	Title	Date

APPENDIX A

Project Type Definitions

Access Trail: A project proposal with the objective of providing vehicular access to an area of interest involving minimal alteration to the terrain.

Advanced Exploration: A project proposal with the objective of identifying size, grade, and physical characteristics of a mineral occurrence and to assess the economic and technical feasibility of developing the mineral deposit into a producing mine

All-Weather Road: A project proposal with the objective of road construction for use in all seasons.

Bulk Sampling: A project proposal with the objective of extracting of large samples of mineralized material involving hundreds to thousands of tonnes. Samples are selected as representative of the potential mineral deposit being sampled. May involve crushing/milling (on small-scale)

Harvesting activities: A project proposal with the objective of harvesting animals, marine mammals and/or fish from their natural habitats by means of hunting or trapping for traditional and commercial use.

Marine Based Activities: Any activity occurring in the marine environment, such as vessel use associated with land-based activities or disposal at sea.

*Please note that normal community re-supply or individual ship movements not associated with land-based project proposals shall not be screened by NIRB (Section 12.12.2 of NLCA).

Mine Development: A project proposal with the objective of extracting broken rock with mineralization of sufficient grade and tonnage to sustain commercial mining operations (ore). Mining a body of ore can be achieved by either open pit and/or underground development. Mine development may involve milling. Milling involves treatment of the extracted ore through a combination of mechanical and chemical processes to selectively recover the valuable mineral.

Mineral Exploration: A project proposal with the objective of exploring an area to find geological anomalies. It involves site reconnaissance (ground and/or air) to locate broad and fiscal mineral deposits.

Offshore Infrastructure: A project proposal with the objective of building off loading facilities constructed off the shoreline and connected to the mainland of the marine or freshwater environment. Examples include a jetty, dock, or port facility.

Oil and Gas Exploration/Activities: A project proposal that includes 1) exploration, such as seismic or geological mapping, 2) drilling of oil and gas wells, 3) construction and operation of a pipeline, a gas processing plant or any oil and gas facility within Nunavut.

Pits and Quarries: A project proposal with the objective of pitting, which involves the extraction of granular material (i.e. sands and gravels) and quarrying, which involves the removal of consolidated rock (i.e. bedrock, frozen soil).

Scientific Research: A project proposal with the objective of implementing a series of site activities comprised of observation of phenomena, measurement and collection of data necessary for scientific investigation in designated areas within a limited time period.

Seismic Survey: A project proposal with the objective of conducting a survey to map the depths and contours of rock strata by timing the reflections of sound waves released from the surface. Survey site locations may be offshore (not within 12 nautical miles of any coast), near shore, and extended onshore.

Site Cleanups: A project proposal with the objective of site cleanups (includes DEW line site cleanups), which focuses on the remediation of chemically contaminated soils, stabilization of landfills and dumps, demolition/disposal of infrastructure and debris and monitoring after cleanup is completed.



Tourism Activity: A project proposal with the objective of conducting travel predominantly for recreational, sport or leisure purposes within a designated area and limited time period.

Winter Road: A project proposal with the objective of building a road for winter use by leveling and compacting surface snow and ice. Winter road is removed at end of season.

Winter Trail: A project proposal with the objective of building a trail for winter use by a single pass of a tracked vehicle using a blade, if necessary.