



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

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 checked="" 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:

- 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 checked="" type="checkbox"/>	Base Metals (gold, silver) Preliminary exploration, to be followed by drilling if warranted.
<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
<i>E.g. Helicopter</i>	<i>1</i>	<i>Site to site pick ups and drop offs</i>	<i>6 days</i>

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.*

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.

(See PSIR Form)

4. Personnel

Total No. of personnel on site = (A)	6-20	Total No. of days on-site = (B)	20 to 250	Total No. of Person days (A) x (B) = up to 4000
_____		_____		

5. Timing

Period of operation:	from	<u>April 2012</u>	to	<u>April 2015</u>
Proposed term of authorization:	from	<u>April 2012</u>	to	<u>April 2015</u>

6a. Region (check all that apply):

<input type="checkbox"/> North Baffin	<input checked="" type="checkbox"/> Kivalliq	<input type="checkbox"/> Kitikmeot	<input type="checkbox"/> Transboundary: _____
<input 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 Windy Project is located in the Kivalliq Region of Nunavut approximately 300 km west-south west of Arviat, 5 km North of Kiyuk Lake, and 20 km West of Nueltin Lake.



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

None

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

Unknown

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) 60 24' Min Long (degree/minute) 100 02'
Max Lat (degree/minute) 60 39' Max Long (degree/minute) 100 48'

NTS Map Sheet No: 65 C, 07,08,09,10

(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) To be determined Min Long (degree/minute)
Max Lat (degree/minute) Max Long (degree/minute)

If different from above for the camp:

NTS Map Sheet No:

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.

SECTION 5: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use
Diamond Drill (1)	Boyles 24A equivalent or smaller	core rock samples
Helicopter (1)	Hughes 500, Bell 206, EC 120	Transportation of personnel, drill moves, drill support
Fixed wing aircraft (occasionally)	Twin otter, Otter, Beaver, 185, 206	Movement of personnel, supplies and equipment, backhaul garbage
Water pump (1)	Standard for Boyles 25A or equivalent	drill water
Coil Stove (1 to 2)	Standard for heating drill water	To keep drill water from freezing
Water pump (camp) (1)	General purpose 2" pump	Camp water use
Diesel generator (1)	10 kw	Camp power
Gas generator (1)	2 kw	Camp power backup
Ice auger	Standard 1 person power auger	Drill holes for water in winter
Rock saw hand held (1)	Chain saw size	Cutting rock samples
Rock saw table mounted (1)	Standard size	Cutting rock samples
Snowmobiles (1 to 3)	Ski-doo tundra or equivalent	Transport supplies and personnel

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	80	205 litres	Drum
Gasoline	4	205 litres	Drum
Aviation fuel	60	205 litres	Drum
Propane	20	45 Kg	Bottles
Other; oil	Several cases	1 litre each	Cases
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	
Calcium Chloride	40 bags (25 kg bags)	1000 kg	Stored in a dry location according to manufacturers directions

2b. Describe the proposed Spill Prevention Plan.

See attached, Appendix A

3a. Detail the anticipated daily water consumption rates

Daily amount (m ³)	Proposed water retrieval methods	Proposed water retrieval location
Ranging from 2 to 50	Pumped from local water source	Location to be determined

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

☒ X = YES

☐ NO

If yes, what class of licence?

☐ Class A Water Licence

☒ X = 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)	Unknown	Latrine pit toilets	Pit covered with soil when complete
Greywater	Unknown	Leaching pit	
Combustible wastes	Unknown	Incinerator	Ash backhauled to approved facility
Non-Combustible wastes	Unknown		Backhauled to approved facility
Overburden (organic soil, waste material, tailings)			
Hazardous waste	Unknown		Backhauled to approved facility
Other:			

2. Describe the proposed Waste Management Plan.

See attached: Appendix B

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
Arviat	Mayor & Council	Hamlet	Will be done in 2012
Arviat	Chair and members	Hunters and Trappers	Will be done in 2012
Arviat	Director, CLO and CLARC	KIA	Will be done in 2012
Lac Brochet	Chief and Council	Northlands Dene Band	Will be done in 2012
Tadoule Lake	Chief and Council	Sayisi Dene North of 60	Will be done in 2012

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.