



## PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site <http://nirb.nunavut.ca/> or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site <http://ftp.nunavut.ca/nirb>.

### 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 CHIDLIAK PROJECT

2. Applicant's full name and mailing address:

Shirley Standafer-Pfister  
(on behalf of Peregrine Diamonds Ltd.)  
Box 662 – Yellowknife, NT X1A 2N5

Phone: (867) 444-1239  
Fax: N/A  
Email: [ssp\\_yk@hotmail.com](mailto:ssp_yk@hotmail.com)

3. Primary contact's full name and mailing address:

Peter Holmes, Peregrine  
Diamonds Ltd.  
201 - 1250 Homer Street  
Vancouver, BC V6B 1C6

Phone: (604) 408-8880  
Fax: (604) 408-8881  
Email: [peter@pdiam.com](mailto:peter@pdiam.com)

### SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

<input checked="" type="checkbox"/>	Regional Inuit Association (RIA)
<input checked="" type="checkbox"/>	Nunavut Water Board (NWB)
<input type="checkbox"/>	Nunavut Planning Commission (NPC)
<input checked="" type="checkbox"/>	Indian and Northern Affairs Canada (INAC)
<input type="checkbox"/>	Department of Fisheries and Oceans (DFO)
<input type="checkbox"/>	Community Government & Services (CG&S)
<input type="checkbox"/>	Nunavut Research Institute (NRI)
<input type="checkbox"/>	Department of Culture, Language, Elders, and Youth (CLEY)

<input type="checkbox"/>	Canadian Launch Safety (CLS)
<input type="checkbox"/>	Environment Canada (EC)
<input type="checkbox"/>	Government of Nunavut (GN)
<input type="checkbox"/>	Department of National Defence (DND)
<input type="checkbox"/>	Hamlet
<input type="checkbox"/>	Parks Canada (PC)
<input type="checkbox"/>	Canadian Wildlife Service (CWS)
<input checked="" type="checkbox"/>	Other (please specify): Extended Hours' Permit from Nunavut Labour Standards.

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

This is a new property: There are no previous permits or licences.



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

An INAC Class A land-use permit and a QIA Land Licence I will be applied for, as well as an  
NWB Type B water licence.

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)<sup>(1,2)</sup>:  
(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 <sup>(2)</sup> :	<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 checked="" type="checkbox"/>	Diamonds ( <u>Diamondiferous kimberlite is being sought through early-stage exploration</u> ).
<input type="checkbox"/>	Uranium
<input type="checkbox"/>	Other: _____

3a. If Project Type 13, 14 or 15 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.

A natural gravel area beside the camp will be used as an airstrip.

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 tent camp to be used seasonally will be set up at 64° 14' 00" N. lat. – 66° 21' 00" W. long. It will accommodate 15 people and will consist of 4 sleep tents (4 persons/tent), a kitchen, dry, office, first-aid shack, coreshack, generator shed, latrine and incinerator, as well as a helicopter landing area and camp-based fuel cache. Power will be supplied by a 20kW diesel generator, with a 10kW backup genset.

#### 4. Personnel

Total No. of personnel on site = (A)	<u>15</u>	Total No. of days on-site = (B)	<u>117</u>	Total No. of Person days (A) x (B) =	<u>1755</u>
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#### 5. Timing

Period of operation:	from	<u>01 June 2008</u>	to	<u>25 September 2008</u>
Proposed term of authorization:	from	<u>03 March 2008</u> <u>03 March 2008</u> <u>03 March 2008</u>	to	<u>03 March 2013 (water licence)</u> <u>02 March 2010 (INAC permit)</u> <u>02 March 2009 (QIA permit)</u>

#### 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.



Chidliak Project is located on the South Baffin mainland, bounded by Cumberland Sound at the north and Frobisher Bay at the south. Iqaluit is approximately 85km from the southwest corner of the property and Pangnirtung is approximately 133km from the northeast corner of the property. There are no parks close by.

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

Peregrine Diamonds Ltd. acquired the federal Prospecting Permits on 01 February 2007. There has been no previous work by Peregrine, other than prospecting and initial sampling associated with identifying the general area of interest.

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

There are NO known archaeological/palaeontological sites on the property. However, a request for data for the respective 11 mapsheets (in 26A and 26B) – for purposes of site avoidance – currently is being requested from the Archaeology Division, Dept. of Culture, Language, Elders and Youth (CLEY). Data received will be incorporated into planning, in advance of fieldwork.

**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)	<u>64° 00' 00"</u>	Min Long (degree/minute)	<u>66° 45' 00"</u>
Max Lat (degree/minute)	<u>64° 52' 30"</u>	Max Long (degree/minute)	<u>67° 00' 00"</u>

NTS Map Sheet No: 26A/04-05, 26A/12, 26B/01-02, 26B/07-10, 26B/15-16.

(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 co-ordinates of the camp location

Min Lat (degree/minute)	<u>64° 14' 00"</u>	Min Long (degree/minute)	<u>66° 21' 00"</u>
Max Lat (degree/minute)	<u></u>	Max Long (degree/minute)	<u></u>

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

**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.**

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

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location



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

☐ YES

☐ NO

If yes, what class of licence?

☐ 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)			
Greywater			
Combustible wastes			
Non-Combustible wastes			
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

2. Describe the proposed Waste Management Plan.

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## 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

## SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☐ YES

☒ NO





## 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.