



## 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 Mary River Project

2. Applicant's full name and mailing address:

Baffinland Iron Mines Corporation

Phone: (416) 814-3171

Suite 1016, 120 Adelaide Street West

Fax: (416) 364-0193

Toronto, Ontario M5H 1T1

Email: [derek.chubb@baffinland.com](mailto:derek.chubb@baffinland.com)

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

Derek Chubb

Phone: \_\_\_\_\_

Vice-President, Sustainable Development

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 checked="" type="checkbox"/>	Indian and Northern Affairs Canada (INAC)	<input type="checkbox"/>	Department of National Defense (DND)
<input checked="" 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 type="checkbox"/>	Nunavut Research Institute (NRI)	<input type="checkbox"/>	Canadian Wildlife Service (CWS)
<input checked="" type="checkbox"/>	Department of Culture, Language, Elders, and Youth (CLEY)	<input checked="" type="checkbox"/>	Other (please specify):
			Canadian Transportation Agency (S.98 approval)
			Natural Resources Canada (explosives)
			Transport Canada, Navigable Waters

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

Refer to Sections 1.2 and 1.3 of the Development Proposal



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

Refer to Section 1.3 of the Development 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.

07EN004 Exploration and Geotechnical Drilling  
07EN012 Bulk Sampling Program  
07CA070 Amendments to Existing Permits for Drilling

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

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>
Marine shipping		Re-supply and ore shipment	28 Years
Fixed-wing		Movement of personnel	28 Years
Helicopter		Movement of personnel and drills	4+ Years

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.

Refer to Section 3 of the Development Proposal for general construction

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.

Refer to Sections 2, 3 and 4 of the Development Proposal for general construction

4. **Personnel** - Refer to Section 5 of the Development Proposal

Total No. of personnel on site = (A)	Total No. of days on-site = (B)	Total No. of Person days (A) × (B) =
_____	_____	_____

5. **Timing** – Refer to Section 5 of the Development Proposal

Period of operation:	from	<u>Summer 2009 (staging)</u>	to	<u>End of 2043</u>
Proposed term of authorization:	from	<u>Summer 2009 (staging)</u>	to	<u>End of 2043</u>

6a. **Region (check all that apply):** Refer to Section 1.0 of the Development Proposal

<input checked="" type="checkbox"/> North Baffin	<input 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.

Refer to Section 1.0 of the Development Proposal

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

Refer to Section 1.1 of the Development Proposal



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

Refer to Section 6.0 of the Development Proposal

7. Land Status (check all that applies): Refer to Section 1.2 of the Development Proposal

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

8a. Co-ordinates: Refer to Section 1.0 of the Development Proposal

Min Lat (degree/minute)	71° 19'	Min Long (degree/minute)	78° 59'
Max Lat (degree/minute)	71° 55'	Max Long (degree/minute)	81° 00'

NTS Map Sheet No: 37F, 37G, 47H

(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

Refer to Figure 1.2, and shape files included in Appendix B of the Development Proposal

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.

Refer to the Executive Summary

**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.):**

Refer to Sections 2.2 and 3.1 of the Development Proposal

Equipment type and number	Size – dimensions	Proposed use

**2a. Detail fuel and hazardous material use:**

Refer to Sections 2, 3 and 4 of the Development Proposal

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.**

A Spill Contingency Plan will be developed for pre-construction staging in 2009. A Conceptual Spill Contingency Plan for mine construction will be developed in a future Environmental Impact Statement

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

Refer to Sections 3.0 and 4.0 of the Development Proposal

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location
400	Intake to pipeline or water truck	Various at camp locations

**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:

Refer to Sections 2, 3 and 4 of the Development Proposal

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.

Refer to Sections 2, 3 and 4 of the Development Proposal

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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:

Refer to Section 6 of the Development Proposal

Community	Name	Organization	Date Contacted



