



## 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 following sections 1 - 8 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

### SECTION 1: APPLICANT INFORMATION

#### 1a. Project Number

Please indicate if applicant has submitted any previous application(s) to NIRB related to this project proposal? Yes \_\_\_\_\_ No ☒ X  
If yes, please indicate the previous NIRB project number(s): \_\_\_\_\_

#### 1b. Project Name South Baker

#### 2. Applicant's full name and mailing address:

Uranium North Resources Corp. Fax: 604 484-7143  
510-510 Burrard Street, Vancouver, B.C. Phone: 604 484 2212  
V6C 1T2 Email: \_\_\_\_\_

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

Graham Gill Fax: 604 484-7143  
510-510 Burrard Street, Vancouver, B.C. Phone: 604 484 2212  
V6C 1T2 Email: ggill@diamondsnorthresources.com

### SECTION 2: AUTHORIZATION NEEDED

#### 1. Indicate all authorizations associated with the project proposal:

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


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2. List the **active** permits, licenses, or other rights related to the project proposal and their expiry date:

A total of six permits, as follows: 5735, 5741, 5748, 5766, 5768, 7303

3. Have you applied for all authorizations required to conduct the project proposal activities?

☒ YES

☐ NO

### SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal:

<input type="checkbox"/> Mine development	<input type="checkbox"/> Dew Line Clean up / Site Investigation
<input type="checkbox"/> Advanced Exploration/ Bulk Sampling	<input type="checkbox"/> Marine Infrastructure (port, breakwater, dock)
<input checked="" type="checkbox"/> Exploration (geophysical ground, geophysical air, drilling)	<input type="checkbox"/> Tourism Activities*
<input type="checkbox"/> Site remediation/ reclamation	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Research*	

**Please note:** When filing an application for the types of project proposals listed above, the Proponent must fill out a **Part 2 - Project Specific Information Request (PSIR)** form in order for the **project proposal information** to be complete. The form can be found on the NIRB's ftp site at: [http://ftp.nunavut.ca/nirb/NIRB\\_ADMINISTRATION/NIRB\\_PSIR\\_\(Project\\_Specific\\_Information\\_Requirements\)](http://ftp.nunavut.ca/nirb/NIRB_ADMINISTRATION/NIRB_PSIR_(Project_Specific_Information_Requirements).).

\* Those project types marked with an asterisk are not subject to NIRB's PSIR requirement.

2. Indicate the activities related to the project proposal:

<input type="checkbox"/> Drilling (other than geoscientific)	<input type="checkbox"/> (i.e. atv, snowmobile, truck, zodiac)
<input type="checkbox"/> Offshore marine infrastructure	<input checked="" type="checkbox"/> Sewage or grey water disposal via sump
<input type="checkbox"/> Construction of airport/ landing strip	<input checked="" type="checkbox"/> Hazardous waste storage or disposal
<input type="checkbox"/> Temporary camp (to be removed at end of field season)	<input checked="" type="checkbox"/> Solid waste disposal
<input checked="" type="checkbox"/> Permanent camp (to remain for life of authorization)	<input type="checkbox"/> Chemical storage
<input type="checkbox"/> Construction of recreational or safety cabin	<input type="checkbox"/> Explosives storage
<input type="checkbox"/> Temporary fuel storage (to be removed at end of field season)	<input type="checkbox"/> Soil testing
<input type="checkbox"/> Permanent fuel storage (to remain for life of authorization)	<input type="checkbox"/> Soil disposal/ soil storage
<input type="checkbox"/> Placement of structures (other than camp or cabin – i.e. scientific instruments)	<input checked="" type="checkbox"/> Incineration of combustible wastes and removal of non-combustible wastes
<input type="checkbox"/> Air surveys (i.e. geophysical, wildlife)	<input type="checkbox"/> Accessing aggregate material from <b>existing</b> Quarry
<input checked="" type="checkbox"/> Use of aircraft/watercraft/land vehicle for personnel drop-off and pick-up to project location	<input type="checkbox"/> Construction of <b>new</b> quarry to access aggregate material
<input type="checkbox"/> Use of on-site mechanized vehicles	<input type="checkbox"/> All season road / access road
	<input type="checkbox"/> Winter road / trail



<input type="checkbox"/>	Road modification	<input type="checkbox"/>	Excavation
<input type="checkbox"/>	River/ stream/ lake crossing or work/ bridge	<input type="checkbox"/>	Hydrological testing
<input type="checkbox"/>	Ditch construction	<input checked="" type="checkbox"/>	Abandonment and restoration
<input type="checkbox"/>	Drainage alteration	<input type="checkbox"/>	Site restoration (fertilization/ grubbing/ scarification/ spraying/ recontouring)
<input type="checkbox"/>	General construction activities requiring heavy equipment machinery	<input type="checkbox"/>	Research
<input type="checkbox"/>	Dam/ impoundment (construction/ abandonment/ removal/ modification)	<input type="checkbox"/>	Ecological survey
<input type="checkbox"/>	Cut and/or fill	<input type="checkbox"/>	Harvesting
<input checked="" type="checkbox"/>	Geoscientific sampling by diamond drilling	<input type="checkbox"/>	Removal of vegetation for scientific purposes
<input checked="" type="checkbox"/>	Geoscientific sampling by soil sampling	<input type="checkbox"/>	Generation of power via hydroelectric means
<input type="checkbox"/>	Geoscientific sampling by trenching	<input type="checkbox"/>	Generation of nuclear power
<input type="checkbox"/>	Geoscientific sampling by borehole core	<input type="checkbox"/>	Other:
<input type="checkbox"/>	Blasting		
<input type="checkbox"/>	Channeling		

**Please Note:** The Applicant shall provide further description and additional details regarding each of the activities indicated above, in the **Non-Technical Project Proposal Description (Section 4)**.

### 3. Personnel

Total No. of personnel on site = (A)	12	Total No. of days on-site = (B)	75	Total No. of Person days (A) × (B) =	900 (year one)
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### 4. Timing

Period of operation:	June 15, 2008 (year one)	to	August 30, 2008 (year one)
Proposed term of authorization:	July 1, 2008	to	August 30, 2012

Please outline the phases of the proposed project (construction/ operation/ decommissioning) including the timing and scheduling of each phase.

June 15, 2008 – August 30, 2008

- diamond drilling, say 25 holes of 100 m each to test 2 targets, --
- minor fuel caching.
- detailed geological mapping
- geochemical soil sampling
- gamma-ray spectrometer survey

### 5. Region (check all that apply):

☐ North Baffin
 ☒ Kivalliq
 ☐ Kitikmeot
 ☐ Transboundary: \_\_\_\_\_

### 6. Land Status (check all that apply):

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

### 7. Co-ordinates:

Min Lat (degree/minute)	62° 00' 00"	Min Long (degree/minute)	100° 00' 00"
Max Lat (degree/minute)	63° 20' 00"	Max Long (degree/minute)	102° 00' 00"

NTS Map Sheet No: 65K, 65N

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



If the project proposal includes a **camp**, please provide the coordinates of the camp location

Min Lat (degree/minute) \_\_\_\_\_ Min Long (degree/minute) \_\_\_\_\_  
 Max Lat (degree/minute) \_\_\_\_\_ Max Long (degree/minute) \_\_\_\_\_

If different from above for the camp: **The Tourist Lodge we are using is located at 62° 44.87' N, 96 degrees, 101° 20.84' W**

NTS Map Sheet No: 65K11

The Nunavut Impact Review Board may require additional location information 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.

**Summary and translated Summary attached to Water Licence Application**

## SECTION 5: MATERIAL USE

### 1. List equipment (including drills, pumps, aircrafts, vehicles etc.):

Equipment type and number	Size – dimensions	Proposed use
1 Helicopter	Bell 206 LR	Drill moves, crew transport, fuel moves
1 diamond drill	Boyles JKS 300	Obtain core samples
1 water pump	1.5" discharge	Supply drill water
1 water pump	Honda 5 hp	Supply camp domestic water

### 2. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel	50 / 205 litres each	10,250	Local storage at both camp and drill sites. On sandy substrate. Spill kit at cache.
Gasoline	3 / 205 litres each	615	Storage at camp. On sandy substrate. Spill kit at cache.
Jet A fuel	120 / 205 litres each	24,600	Local storage at both camp and drill sites. On sandy substrate. Spill kit at cache.
Propane	75	100 lbs each	At camp and drill site as required
Heating oil	40./205 litres	8,200	Storage at camp. On sandy substrate. Spill kit at cache.



Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	
oil	54 / 4 litres	216 litres of oil generator and drill	In plastic containers supplied by supplier With other fuel on sandy substrate with spill kit.

### 3. Detail daily water consumption rates

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location
70-80 m <sup>3</sup> for both drilling and personal consumption	Pump with screens	lakes

### 4. Have you applied for a Class A License with the Nunavut Water Board?

☒ YES

☐ NO

## SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

### 1. List the types of waste:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)	1300 pounds for project duration	Sewage will be disposed of in a pit dug below an erected outhouse. The outhouse and pit will be located no closer than 30 metres from the ordinary high water mark of any water body.	Lime and bury
Greywater	10-20 m <sup>3</sup> /day x 648=6480 to 12,960 litres	Kitchen and dry greywater will be gravity fed to a natural depression or a properly constructed sump.	N.A.
Combustible wastes	2 pounds x 720 man-days = 1440 pounds	Burnable solid waste will be burned in a vented base fuel fed	N.A.



		burning barrel, the ashes will be collected and transported to an existing approved disposal site at Kasba Lake, NT.	
Non-Combustible wastes	Approximately 1000 pounds of scrap metal, batteries, etc.	Backhauled to Kasba Lake, NT to be disposed of by hired expeditor	Authorization to dispose to be obtained by expeditor
Overburden (organic soil, waste material, tailings)	N.A		
Hazardous waste	216 litres of oil	Backhauled to Kasba Lake, NT to be disposed of by hired expeditor	Authorization to dispose to be obtained by expeditor
Other:	N.A.		

**2. Will you be incinerating combustible waste, removing all solid waste, and removing the ash generated from incineration?**

☒ YES

☐ NO

## 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
Baker Lake			See below

**A plain language summary of the proposed work has been produced, translated into Slavics and submitted for distribution. Uranium North would welcome the opportunity to provide a more detailed presentation discussing their proposed project if requested to do so.**

## SECTION 8: GENERAL QUESTIONS

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

☐ YES

☒ NO

**Applicant:**



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**Signature** Graham Gill

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**Title:** Consulting Geologist

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**Date** April 8, 2008