

**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 Garry Lake Project

2. Applicant's full name and mailing address:

Uravan Minerals Inc.

(403) 264-2630

204, 2526 Battleford Ave SW  
Calgary, AB T3E 7J4

Phone:

(403) 264-2629

Fax:

Email: ifraser@uravanminerals.com

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

Ian Fraser, Senior Geologist

As above

As above

Phone:

As above

Fax:

As above

Email: As above

**SECTION 2: AUTHORIZATION NEEDED**

1. Indicate all authorizations associated with the project proposal:

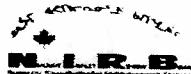
<input checked="" type="checkbox"/>	Regional Inuit Association (RIA)
<input checked="" type="checkbox"/>	Nunavut Water Board (NWB)
<input checked="" type="checkbox"/>	Nunavut Planning Commission (NPC)
<input checked="" type="checkbox"/>	Indian and Northern Affairs Canada (INAC)
<input checked="" type="checkbox"/>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

<input type="checkbox"/>	Canadian Launch Safety (CLS)
<input checked="" type="checkbox"/>	Environment Canada (EC)
<input checked="" type="checkbox"/>	Government of Nunavut (GN)
	Department of National Defense (DND)
<input checked="" type="checkbox"/>	Hamlet (Baker Lake, NU)
	Parks Canada (PC)
	Canadian Wildlife Service (CWS)
	Other (please specify):

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

Nunavut Water Board # 2BE-GAR0710, December 31, 2010

Kivalliq Inuit Association License: # KVL106B208, April 5, 2008



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

LUP with INAC – submitted January 25, 2008

Nunavut Water Board Amendment Water Licence – submitted January 25, 2008

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.

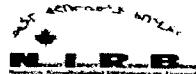
### SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal (check all that apply)<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:

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 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 checked="" type="checkbox"/>	Uranium
<input type="checkbox"/>	Other: _____

Refer to attached Schedule 1.

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

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.

Uravan will establish weekly wheeled aircraft service from Baker Lake, NU. Aircraft will land on nearest suitable plateau or esker.

\_\_\_\_\_

\_\_\_\_\_

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 Schedule 1.

\_\_\_\_\_

\_\_\_\_\_

**4. Personnel**

Total No. of personnel on site = (A) \_\_\_\_\_ 16 Total No. of days on-site = (B) \_\_\_\_\_ 42 Total No. of Person days (A) x (B) = 672

**5. Timing**

Period of operation: from July 1, 2008 to September 30, 2008  
Proposed term of authorization: from March 1, 2009 to June 30, 2009

**6a. Region (check all that apply):**

North Baffin  Kivalliq  Kitikmeot  Transboundary: \_\_\_\_\_  
 South Baffin  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.

235 km NW of Baker Lake, NU (camp location)

65 km ENE of the Thelon Game Reserve (camp location)



**6c.** Discuss the history of the site if it has been used for any project activities in the past.  
Airborne geophysical survey (Uravan Minerals Inc.) May – June 2007

**6d.** Indicate if there are any known archaeological/palaeontological historical sites in the area.  
CLEY has been contacted and the process has been initiated to determine the presence of any  
archaeological / paleontological historical sites in the property area.

**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) 65°49'42"      Min Long (degree/minute) 99°15'1"  
Max Lat (degree/minute) 65°0'0"      Max Long (degree/minute) 100°47'53"

NTS Map Sheet No: 66F-2, 6, 7, 8, 9, 10, 16; 66G-4, 5, 6, 11, 12, 13

(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) 65° 33' 29" N      Min Long (degree/minute) 100° 04' 14" W  
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.



Refer to attached Schedule 1.

**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
1 Drill (Boyles 25-A fly drill) with associated pumps (2), coil stoves (2), drill rods	Drill & pumps = 4,500 kg; rods, timbers and misc. tools = 20,000 kg	Drill holes into bedrock and retrieve core.
1 Helicopter	To be determined, capable of transporting pilot + 4 passengers	To transport personnel to drill and bring drill core to camp; transport geologists to sites where focused geological projects are planned.
2 - 4 Snowmobiles	1 Cylinder, regular track	Ground transport.
1 – 2, 4-Wheel all Terrain Vehicles	< 500 kg, large tires	Transportation around camp, maintenance of landing area.
1 Sno-Cat	Wide track	Will move mobile camp and drill in winter season

### 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	55 – 205 litres	11,275	Refer to Schedule 1 & 2.
Gasoline	20 – 205 litres	4,100	Refer to Schedule 1 & 2.
Aviation fuel	125 – 205 litres	25,625	Refer to Schedule 1 & 2.
Propane	25 (45 kg cylinders)		Refer to Schedule 1 & 2.
Other			
<b>Hazardous Materials and Chemicals</b>		<b>Total Amount of Hazardous Materials and Chemicals (in Litres)</b>	

### 2b. Describe the proposed Spill Prevention Plan.

Refer to attached Schedule 2.



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

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location
< 100m <sup>3</sup>	Water pump at camp at drill	Camp – 2, 1100 litre tanks

For additional information refer to attached Schedule 1.

**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)	Refer to Schedule 1		
Greywater	Refer to Schedule 1		
Combustible wastes	Refer to Schedule 1		
Non-Combustible wastes	Refer to Schedule 1		
Overburden (organic soil, waste material, tailings)	N / A		
Hazardous waste	N / A		
Other:			

**2. Describe the proposed Waste Management Plan.**

Refer to Schedule 1.

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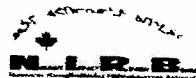


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**SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS**

**1. List the community representatives that have been contacted and provide the minutes of the meetings if available:**

Community	Name	Organization	Date Contacted
Refer to attached Schedule 4			



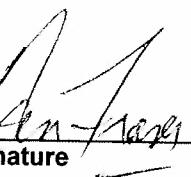
## SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

YES

NO

Please sign and date your application:

 \_\_\_\_\_ Senior Geologist \_\_\_\_\_ Feb. 6/08  
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.