



## 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	<input checked="" type="checkbox"/>	No	
If yes, please indicate the previous NIRB project number(s):	07EN067			

#### 1b. Project Name

**SLAVE (Contwoyto Lake – Hood River - Rockinghorse) Project**

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

Golden Bull Resources Corporation, (A 100% owned subsidiary of Golden River Resources Corporation)	Fax:	61 3 8532 2805
Level 8, 580 St Kilda Road, P.O. Box 6315, St Kilda Road Central Melbourne,	Phone:	61 3 8532 2860
Victoria 8008 Australia.	Email:	peterl@axisc.com.au

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

Bruce Goad, P. Geo.,	Fax:	604-533-2255
Inukshuk Exploration Inc., 21861 44A Avenue,	Phone:	604-533-2255
Langley, British Columbia, CANADA V3A 8E1	Email:	inukshuk@uniserve.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 checked="" type="checkbox"/> Nunavut Planning Commission (NPC) <input checked="" type="checkbox"/> Department of Indian And Northern Development (DIAND) <input checked="" type="checkbox"/> Department of Fisheries and Oceans (DFO) <input checked="" type="checkbox"/> Community Government & Services (CG&S) <input checked="" type="checkbox"/> Nunavut Research Institute (NRI) <input checked="" type="checkbox"/> Department of Culture, Language, Elders, and Youth (CLEY)	<input checked="" type="checkbox"/> Canadian Launch Safety (CLS) <input checked="" type="checkbox"/> Environment Canada (EC) <input checked="" type="checkbox"/> Government of Nunavut (GN) <input checked="" type="checkbox"/> Department of National Defense (DND) <input checked="" type="checkbox"/> Hamlet <input checked="" type="checkbox"/> Parks Canada (PC) <input checked="" type="checkbox"/> Canadian Wildlife Service (CWS) <input type="checkbox"/> Other (please specify): _____
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2.	List the <u>active</u> permits, licenses, or other rights related to the project proposal and their expiry date:
	KIA:KTL307C014-Amended Expiry: June 09, 2010 (an extension has been requested)
	NWB: 2BE-SLA0814 Amendment No. 1. Expiry: June 01, 2014.
	NIRB: 07EN067 No expiry date listed.

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

☒ YES (to the best of my knowledge)

☐ NO

### SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal:

	Mine development
	Advanced Exploration/ Bulk Sampling
<input checked="" type="checkbox"/>	Exploration (geophysical ground, geophysical air, drilling)
	Site remediation/ reclamation
	Research*

	Dew Line Clean up / Site Investigation
	Marine Infrastructure (port, breakwater, dock)
	Tourism Activities*
	Other:

**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).). **THIS COMPLETED FORM IS ATTACHED TO ORIGINAL APPLICATION.**

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

2. Indicate the activities related to the project proposal:

	Drilling (other than geoscientific)
	Offshore marine infrastructure
	Construction of airport/ landing strip
<input checked="" type="checkbox"/>	Temporary camp (to be removed at end of field season)
	Permanent camp (to remain for life of authorization)
	Construction of recreational or safety cabin
<input checked="" type="checkbox"/>	Temporary fuel storage (to be removed at end of field season)
	Permanent fuel storage (to remain for life of authorization)
	Placement of structures (other than camp or cabin – i.e. scientific instruments)
	Air surveys (i.e. geophysical, wildlife)
<input checked="" type="checkbox"/>	Use of aircraft/watercraft/land vehicle for personnel drop-off and pick-up to project location
<input checked="" type="checkbox"/>	Use of on-site mechanized vehicles (i.e. atv, snowmobile, truck, zodiac) Snowmobiles may be used during grid establishment and geophysical surveys.
<input checked="" type="checkbox"/>	Sewage or grey water disposal via sump
	Hazardous waste storage or disposal
<input checked="" type="checkbox"/>	Solid waste disposal (SEWAGE)
	Chemical storage
<input checked="" type="checkbox"/>	Explosives storage: Trenching may be required

<input checked="" type="checkbox"/>	Soil testing: Soil geochemical surveys may be required over gridded areas.
	Soil disposal/ soil storage
<input checked="" type="checkbox"/>	Incineration of combustible wastes and removal of non-combustible wastes
	Accessing aggregate material from <b>existing</b> Quarry
	Construction of <b>new</b> quarry to access aggregate material
	All season road / access road
	Winter road / trail
	Road modification
	River/ stream/ lake crossing or work/ bridge
	Ditch construction
	Drainage alteration
	General construction activities requiring heavy equipment machinery
	Dam/ impoundment (construction/ abandonment/ removal/ modification)
	Cut and/or fill
<input checked="" type="checkbox"/>	Geoscientific sampling by diamond drilling
<input checked="" type="checkbox"/>	Geoscientific sampling by soil sampling
<input checked="" type="checkbox"/>	Geoscientific sampling by trenching



<input checked="" type="checkbox"/>	Geoscientific sampling by borehole core
<input checked="" type="checkbox"/>	Blasting: Trenching may be required.
<input checked="" type="checkbox"/>	Channeling: Channel rock samples may be required.
<input type="checkbox"/>	Excavation
<input type="checkbox"/>	Hydrological testing
<input checked="" type="checkbox"/>	Abandonment and restoration
<input type="checkbox"/>	Site restoration (fertilization/ grubbing/ scarification/ spraying/ recontouring)
<input type="checkbox"/>	Research

<input type="checkbox"/>	Ecological survey
<input type="checkbox"/>	Harvesting
<input type="checkbox"/>	Removal of vegetation for scientific purposes
<input type="checkbox"/>	Generation of power via hydroelectric means
<input type="checkbox"/>	Generation of nuclear power
<input type="checkbox"/>	Other:

**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)**.  
**COMPLETED AND ATTACHED.**

### 3. Personnel

Total No. of personnel on site = (A)	Maximum of 20 (to 25) persons (Estimate)	Total No. of days on-site = (B)	Max. 80 days/year (Estimate)
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**Total No. of Person days**  
**(A) × (B) = 1600 (Maximum)**  
**(during 2010 to 2013)**

For most of the permit period the camp will be host 12-15 people. It will rise to 20 people only when the drill program commences. There will be 5 extra beds allotted for visitors which will bring the maximum personnel to 25. The 2010 person day estimate will be significantly lower as the program is just beginning.

### 4. Timing

Period of operation:	Spring 2010	to	September 30, 2010
Proposed term of authorization:	January 01, 2010	to	December 31, 2013.

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

A base camp will be established during 2010 in the Hood River area. Ground geophysical, geological mapping and sampling surveys are to be undertaken during 2010. If time permits, a short drill program will be undertaken late 2010. The program will be helicopter supported. Possibly a second base camp in the southern Contwoyto area may be established during 2011. Geological and geophysical surveys and Drilling will continue during 2010 to 13. Geological surveys and drilling will be undertaken during the summer field season of 2011. Winter drilling may be planned during either 2011/12. The camp(s) will be demobed and the land remediated at the end of each summer field season and at the end of the program in 2013 or if results merit, an application for a new land use permit will be submitted. A tentative schedule is as follows:

Spring 2010	Establish Penthouse Lake camp once permits have been received. Initial geophysical surveys, geological mapping in Hood & Contwoyto areas.
Early September 2010	Possibly initiate a short drill program in Hood/Contwoyto area, after which the Penthouse Lake Camp will be decommissioned for the winter.
Spring 2011	Re-open Hood River Camp or possibly establish the Contwoyto Lake camp (or in 2012).
May to June, 2011	Additional geophysical surveys in the Hood and Contwoyto areas.
June 2011	Open Penthouse Base Camp; geological mapping, prospecting and sampling. Follow up of 2010 geophysical survey results.
August, 2011-September	Drill program in Hood and Contwoyto areas. Close down Penthouse/Contwoyto Camp for winter.
Spring 2012	Possibly establish the Contwoyto Lake/re-open Penthouse Lake camp.
June 2012	Drill program in Contwoyto area, possible additional drilling in Hood area.
September 2012	Remove and remediate both camps (unless program is extended).
September 2012	If results merit a continuation of exploration, a re-application of the land use permit will be submitted to reflect the ongoing exploration and possible development.



Spring 2013 Required follow-up drilling/geology/geophysics (both areas using one base camp; location to be decided upon exploration results received).

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

North Baffin	Kivalliq	<input checked="" type="checkbox"/>	Kitikmeot	Transboundary:	
South Baffin					

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

Crown	Commissioners'	<input checked="" type="checkbox"/>	Inuit Owned Surface lands	<input checked="" type="checkbox"/>	Inuit Owned Sub-Surface Lands
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The project is divided into three non-contiguous geographic areas; the HOOD RIVER (CO20-002) area, the CONTWOYTO LAKE (CO08-001A to E) area and the ROCKINGHORSE (CO44-00-01A and B) area. The initial geophysical surveys will require several small mobile ("Fly"-type) camps to be established on or adjacent to the geophysical grid areas in order to provide easy access to the work area for the geophysical crew(s). The main (larger but temporary) geology/drilling camp will be located in Spring 2010 at Penthouse Lake and possibly relocated to a second location (during 2011 or 2012) either on the south shore of the East Arm of Contwoyto Lake or at the site of the old Hecla Camp at the east end of the East Arm of Contwoyto Lake. The smaller "Fly Camps" will be in place only as long as required to undertake the geophysical surveys (approximately 1 week per camp). All work on the Rockinghorse IOL will be undertaken through daily crew setouts from the Penthouse Camp. No camp will be established on the Rockinghorse IOL.

**7a. Co-ordinates: (HOOD RIVER AREA) (NAD83)**

Min Lat (degree/minute)	66° 50' 45"	Min Long (degree/minute)	110° 47' 30"
Max Lat (degree/minute)	66° 58' 40"	Max Long (degree/minute)	111° 00' 30"

NTS Map Sheet No: 076L/15

The project proposal includes a camp, estimated coordinates of the camp location are:

Lat (degree/minute)	66° 53' 46"	Long (degree/minute)	110° 54' 45" (Base Camp 1 – Penthouse Lake)
Lat (degree/minute)	66° 50' 15"	Long (degree/minute)	110° 49' 48" (Alternate Hood River Base Camp)
Lat (degree/minute)	66° 50' 44"	Long (degree/minute)	110° 57' 00" (Alternate Esker Lake Base Camp)
Lat (degree/minute)	66° 54' 46"	Long (degree/minute)	110° 55' 00" (Ulu Lake East Fly Camp)
Lat (degree/minute)	66° 56' 35"	Long (degree/minute)	110° 59' 30" (North Fold Nose Fly Camp)
Lat (degree/minute)	66° 54' 17"	Long (degree/minute)	110° 53' 01" (Penthouse Lake East Fly Camp)
Lat (degree/minute)	66° 55' 08"	Long (degree/minute)	110° 53' 14" (Penthouse Grid North Fly Camp)
Lat (degree/minute)	66° 53' 00"	Long (degree/minute)	110° 52' 09" (Crown Fly Camp)
Lat (degree/minute)	66° 51' 27"	Long (degree/minute)	110° 52' 43" (Blackridge Fly Camp)

If different from above for the camp:

NTS Map Sheet No: 076L/15

**7b. Co-ordinates: (CONTWOYTO LAKE AREA) (NAD83)**

Min Lat (degree/minute)	65° 45' 40"	Min Long (degree/minute)	110° 22' 00"
Max Lat (degree/minute)	65° 56' 45"	Max Long (degree/minute)	110° 53' 30"

NTS Map Sheet No: 076E/15

Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 Mandatory) available from Natural Resources Canada. SEE: FIGURE A, B and C.

The project proposal includes a camp, estimated coordinates of the camp location are:

Lat (degree/minute)	65° 47' 24"	Long (degree/minute)	110° 43' 33" (Contwoyto Base Camp)
Lat (degree/minute)	65° 48' 37"	Long (degree/minute)	110° 39' 27" (Possible Hecla Base Camp)
Lat (degree/minute)	65° 47' 05"	Long (degree/minute)	110° 35' 55" (Fly Camp A: Sub 3)



Lat (degree/minute)	65° 46' 59"	Long (degree/minute)	110° 41' 14" (Fly Camp B: Sub 2)
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If different from above for the camp:

NTS Map Sheet No:	076E/15
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#### 7c. Co-ordinates: (ROCKINGHORSE LAKE AREA) (NAD83)

Min Lat (degree/minute)	66° 32' 30"	Min Long (degree/minute)	112° 17' 00"
Max Lat (degree/minute)	66° 38' 35"	Max Long (degree/minute)	112° 21' 00"

NTS Map Sheet No:	086I/09
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Please ensure that maps of the project are attached (1:50,000 if available, 1:250,000 Mandatory) available from Natural Resources Canada. . SEE: FIGURE A, B and C.

The project proposal does NOT includes a camp.

Lat (degree/minute)	00° 00' 00"	Long (degree/minute)	00° 00' 00"
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This area will be serviced on a daily basis from the Penthouse Lake Base Camp. Daily crew setouts will be undertaken by helicopter. No camp will be established on the CO-44-00-01A or CO-44-00-01B IOL.

If different from above for the camp:

NTS Map Sheet No:	086I/09
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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.

This document has been translated. English and Inuinnaqtun copies have been attached.

## SECTION 5: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use
Helicopter	Bell 206 (yet to be confirmed)	Crew set out, drill move
Diamond Drill	(yet to be confirmed)	Drill test geological anomalies.
Water Pump	(yet to be confirmed)	Pump water to drill & to camp.
Generator	(yet to be confirmed)	Provide Electricity

### 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	200	41,000	45 gallon (205 litre) drums in berm.
Gasoline	2	100	45 gallon (205 litre) drums in berm.
Aviation fuel (Jet B)	230	47,150	45 gallon (205 litre) drums in berm.



Propane	5-7 (resupplied)	700 lbs	5-7 100 lb cylinders for cooking, heating water
Explosives??	Minor (if at all)	Unknown(minor)	Approved magazine
Other	N/A	N/A	N/A
Explosives			
<b>Hazardous Materials and Chemicals</b>		<b>Total Amount of Hazardous Materials and Chemicals (in Litres)</b>	
Wet cell batteries	2	2	Attached to the generator and helicopter
Domestic cleaning fluids	20	5	In original containers

### 3. Detail daily water consumption rates

Daily amount (m <sup>3</sup> )	Proposed water retrieval methods	Proposed water retrieval location
2 m <sup>3</sup> (estimate)	Seepage through a sump	Sump at camp.
45.8 m <sup>3</sup> per day only when the drill is in operation (estimate)	Seepage through a sump	Sump will be established at all drill sites.

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

A "Type B" water licence application has been submitted and received (2BE-SLA-0814 Amendment No. 1); and is now being requested to be amended to cover exploration activity on the CO44-00-01A and CO44-00-01B IOL areas.

☐ 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)	5 kg/day (estimate)	Pacto toilets	Incinerated
Grey Water	1.5 -2m <sup>3</sup> /day	Filtered through sump.	Buried
Combustible wastes	2 kg/day (estimate)	incinerated	Ash backhauled/ buried
Non-Combustible wastes	1 kg/day	Backhauled to Yellowknife	Recycled
Overburden (organic soil, waste material, tailings)	None	If removed, it will be stored for remediation.	Remediated
Hazardous waste	None	N/A	N/A
Other:	None	N/A	N/A

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

☒ YES- will backhaul/bury the ash generated.

☐ 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
There are no communities to contact within the project area			

## SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☐ YES

☒ NO

Applicant:

*Bruce Goad*

Signature: Bruce Goad, P. Geo.	Title: Consulting Geologist, INUKSHUK EXPLORATION INCORPORATED, On Behalf of: Golden Bull Resources Corp.	Date: January 08, 2010
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