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 - 6 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION

1. a) Project Number

Please indicate if applicant has submitted any previous application(s) to NIRB related to this project proposal? Yes ___ No √

If yes, please indicate the previous NIRB project number(s): _____

1. b) Project Name **Aberdeen – Turqavik Project**

2. Applicant's full name and mailing address:

Garth Drever
2121-11th Street West
Saskatoon, Saskatchewan
S7M 1J3

Fax: 306.956.6390
Phone: 306.956.6363
Email: Garth_Drever@cameco.com

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

As above

Fax:
Phone:
Email:

4. Secondary contact's full name and mailing address:

Arnold Moen Nijssen	Fax:	306.956.6390
2121-11th Street West	Phone:	306.956.6367
Saskatoon, Saskatchewan	Email:	Arnold_MoenNijssen@cameco.com
S7M 1J3		

SECTION 2: AUTHORIZATION NEEDED

1. Indicate <u>all</u> authorizations associated with the project proposal:

- [√] Regional Inuit Association (RIA)
- [√] Nunavut Water Board (NWB)
- [√] Nunavut Planning Commission (NPC)
- [√] Department of Indian And Northern Development (DIAND)
- [ ] Department of Fisheries and Oceans (DFO)
- [ ] Community Government & Services (CG&S)
- [ ] Nunavut Research Institute (NRI)
- [ ] Hamlet
- [ ] Canadian Launch Safety (CLS)
- [ ] Environment Canada (EC)
- [ ] Government of Nunavut (GN)
- [ ] Department of National Defense (DND)
- [ ] Department of Culture, Language, Elders, and Youths (CLEY)
- [ ] Parks Canada (PC)
- [ ] Other (please specify):

2. List the <u>active</u> permits, licences, or other rights related to the project and their expiry date: None to date.

SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal:

x	Exploration (geophysical ground, geophysical air, drilling)
	Advanced Exploration/ Bulk Sampling
	Mine development
	Site remediation/ reclamation
	Research
	Dew Line Clean up / Site Investigation
	Port
	Other: _____

2. Indicate the activities related to the project proposal:

	Drilling other than geoscientific		Quarrying
	Offshore structure		All season road
	Airport/ landing strip		Winter road
x	Camp		Access road
x	Fuel storage		Road modification
	Solid waste disposal		Cabins
	Hazardous waste storage or disposal		Sewage or grey water disposal
	Research		Blasting
x	Abandonment and Restoration		Harvesting
x	Burning		Burying
x	Construction		Channeling
	Cut and/or Fill		Removal of vegetation
	Dam/ Impoundment (construction/ abandonment/ removal/ modification)		Ditch construction
	Drainage Alteration		Excavation
	Chemical Storage		Ecological survey
	Explosives Storage		Geoscientific sampling by trenching
	Geoscientific sampling by diamond drilling	x	Geoscientific sampling by borehole core
x	Geoscientific sampling by soil sampling		Hydrological testing
	River/ stream/ lake crossing or work/ bridge		Site restoration (fertilization/ grubbing/ scarification/ spraying/ recontouring)
	Soil testing		Soil disposal/ Soil storage
	Tunneling		Other (please specify):

3. Personnel

Total No. of personnel on site = (A)	16	Total No. of person days = (A) x No. days on site	1000

4. Timing

Period of operation:	**Spring 2006**	*to*	**Summer 2006**
Proposed term of permit:	**Spring 2006**	*to*	**Spring 2008 (two year land use term)**

Please outline the phases of the proposed project (construction/ operation/ decommissioning) including the timing And scheduling of each phase. Construction April –June 2006, operation June July 2006, March – August 2007, apply for extension of land use permit autumn 2007.

5. Region (check all that apply):

☐ 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)	64° 7.5' N	Min Long (degree/minute)	97° 28' W
Max Lat (degree/minute)	65° 10' N	Max Long (degree/minute)	99° 45' W

NTS Map Sheet No: 66A, 66B, 66G & 66H

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)	64° 37' 40" N	Min Long (degree/minute)	97° 59' 32" W
Max Lat (degree/minute)	64° 37' 46" N	Max Long (degree/minute)	97° 59' 47" W

If different from above for the camp:

NTS Map Sheet No: _____

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

8. Non-Technical Project Proposal Summary

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.

SECTION 4: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use
Helicopter	Bell LongRanger or equivalent	Transport exploration crews
ATV	300 to 500cc	Utility vehicle around camp
Camp generator (gen-set)	30 to 35 KVa	Generate camp electricity
Water Transfer pump	Portable pump at camp	Pump water from lake to storage

2. Detail fuel and hazardous material use:

Fuels	Number of Containers	Capacity of containers (gal & litre)
• Diesel	30	206 Litre drums
• Gasoline	2	206 Litre drums
• Aviation fuel	50	206 Litre drums
• Propane	20	100 lb cylinders
• Other		
Hazardous material (please specify)		
•		
•		
•		

SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

1. List the types of waste:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage	0.1 m^3 per week	Incineration	Transport to Baker Lake for disposal
Greywater	30 m^3 per week	Sumps	Treatment with lime
Garbage	100 kg per week	Incineration	Transport to Baker Lake for disposal
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

Waste disposal will be controlled in camp by sumps and incineration. All waste generated by incineration will be transported to Baker Lake for proper disposal.

SECTION 6: 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	Telephone No.	Fax No.
*See note below			Sept 2005		
** See note below			April 2006		

Applicant:

Signature **Title** **Date**

* In September 2005, Cameco Corporation and Cogema organized a trip for a group of Nunavut residents to tour two operating uranium mines in Saskatchewan. During the initial orientation in La Ronge, our exploration group had an opportunity to discuss future exploration efforts in Nunavut

** During the winter of 2006 representatives from Cameco Corporation are planning a trip to Baker Lake to meet with the Hamlet Council and other interested residents to discuss Cameco's plans and objectives over the next several years.

Cameco Corporation Exploration on the Aberdeen / Turqavik Projects

Cameco is the world's largest, low-cost uranium producer accounting for 20% of the world's uranium production. Our mining and conversion facilities in North America provide fuel to the western world's nuclear power plants. Through a partnership, we also generate clean electricity with our share of about 1,500 MW from a nuclear facility in Ontario.

Cameco has actively explored for uranium in Nunavut from 1993 until 1998. Resurgence in uranium exploration activity worldwide has resulted in a renewed interest in Nunavut.

Cameco maintained dispositions in map areas 66B and 66G and most recently has staked and acquired through permitting, approximately 300,000 ha in the Aberdeen Lake area (66A/12 and 66B/15) (Figure 1). During 2005 regional airborne geophysical surveys were flown over the newly acquired properties. The proposed exploration program for 2006 will include the establishment of an exploration camp and non-invasive exploration consisting of prospecting, mapping and limited ground geophysical surveys.

The exploration program is scheduled for June to August with start-up dependent on construction of an exploration camp. A contractor has been selected to construct the exploration camp during April - June 2005. The camp has been designed to be utilized for many years to come and will be a central operation for Cameco activities on multiple projects. Beginning in June the exploration crew will be mobilized and through helicopter support will begin a 4 to 6 week program of prospecting, mapping and sampling on our two projects, Aberdeen which is joint ventured with De Beers and the Cameco Turqavik project. Specific target areas will be prioritized based on targets generated from the regional airborne surveys and historical knowledge of the area.

The exploration camp will be all-wood construction consisting of a kitchen/dining and office/ablution complex and five sleeping cabins. The camp will be powered by a 30-35 KVA genset with appropriate electrical and plumbing. The proposed campsite is on the southwest shore of Qamanaarjuk Lake at approximately 64°37'43"N/97°59'40"W on NTS map sheet 66A/12 (Figure 2).

Cameco's long-term objective is to systematically explore for uranium in this region to evaluate and prioritize areas ultimately for diamond drill targeting and more detailed exploration

February 2006