



January 31, 2018

Ms. Tracey McCaie  
Land Administrator Specialist  
Indigenous and Northern Affairs Canada  
P.O. Box 100  
Iqaluit, NU X0A 0H0

Dear Ms. Tracey McCaie:

**Re: AREVA Resources Canada Inc. Land Use Permit Application for the Kiggavik Project Exploration Activities**

The current Indigenous and Northern Affairs Canada (INAC) Land Use Permit N2014C0017 will expire on May 29, 2018, thus AREVA Resources Canada Inc. (AREVA) is submitting the enclosed Land Use Permit application for exploration activities at the Kiggavik Project (Project). Following completion of the Block Land Transfer between the Kivalliq Inuit Association (KIA) and the Crown on November 1, 2013, the surface rights for the lands associated with the existing camp, fuel cache, and core storage facilities are now administered by the KIA. Please find enclosed, AREVA's application for exploration activities on the remaining Crown Lands covering the six mineral leases (3748 to 3753) on the south-west portion of the Project.

The enclosed application includes the Project Summary, project maps and fees payable by cheque for \$200. The fees were calculated for the Class "A" permit (\$150) and the land use fees of \$50. There will be no drilling activity therefore the land used will be less than or equal to two hectares of land as identified in Schedule II of the *Territorial Land Use Regulations*. The most recent Environmental Management Plans (Plans), listed below, were supplied with the 2017 Kiggavik Project Annual Report on January 19, 2018.

- Abandonment and Restoration Plan
- Noise Abatement Plan
- Radiation Protection Plan
- Spill Contingency Plan
- Uranium Exploration Plan
- Waste Management Plan
- Wildlife Monitoring and Mitigation Plan

These Plans were originally submitted to regulatory agencies in 2007 to aid development of best management practices and procedures to mitigate potential adverse environmental impacts and

**AREVA Resources Canada Inc.**

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ensure compliance with regulatory conditions and internal requirements. The Plans are provided as revisions are completed as appendices to the annual report and are available on request.

The following outlines the history of the Kiggavik Project Land Use permits:

- N2000J0040 - Approval for the camp and core storage to be maintained on the Kiggavik lease.
- N2006C0037 - Issued on April 10, 2007, the permit was expanded to include the activities under N2000J0040 as well as uranium exploration activities such as geophysics, soil sampling, mapping, diamond drilling and environmental baseline studies. In April 2008 the permit was extended to April 2009 to align the permit with the standard two year issuance. A one year extension was granted in 2009 to extend the expiry to April 9, 2010.
- N2009C0017 – Effective April 9, 2010 to April 9, 2012. A one year extension granted until April 9, 2013 and another extension expired April 9, 2014.
- N2014C0017- Effective May 30, 2014 to May 29, 2016. A two year extension was granted to extend the expiry to May 29, 2018.

With the enclosed application, AREVA is seeking a standard two year Land Use Permit with the potential for a one year extension. There are no new exploration activities proposed and the project is in a care and maintenance phase. AREVA believes the activities have previously been considered within the original NPC conformity determination dated December 15, 2006 and the NIRB screening decision report dated April 3, 2007 with addition terms and conditions dated August 30, 2007. Should you have any questions, please contact me at [john.robbins@areva.com](mailto:john.robbins@areva.com), 306-343-4513 or Stephanie Forseille at (306) 343-4693 or [stephanie.forseille@areva.com](mailto:stephanie.forseille@areva.com).

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Robbins'.

John Robbins  
District Geologist, Nunavut

Enclosures:      Project Summary—English and Inuktitut  
                         Land Use Permit Application  
                         Project Maps  
                         Cheque for Application Fees

cc:                   Brian Aglukark, NPC  
                         Sophia Granchinho, NIRB

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## **PROJECT SUMMARY**

The Kiggavik Project is a uranium surface exploration project located approximately 80 kilometres west of the community of Baker Lake. The project consists of the Kiggavik lease, which contains the Kiggavik Site to the north and Sissons site to the south, and the St. Tropez lease north of the Kiggavik Site. The current Indigenous and Northern Affairs (INAC) Land Use Permit will expire on May 29, 2018; therefore AREVA Resources Canada Inc. (AREVA) is submitting this application for a new Land Use Permit.

Planned activities over the next three years are decreased compared to those conducted during the 2007 to 2017 field seasons. The Kiggavik Project is in a care and maintenance phase and no active fieldwork is planned for the term of this license. The potential activity on the INAC leases for the term of this license is assessment of reclaimed sites.

During care and maintenance phase the site inspection will occur in late June to late July.

AREVA recognizes that continued economic and social growth depends on a healthy environment. AREVA is committed to carrying out its field programs in a safe, environmentally responsible and sustainable manner. AREVA's Exploration Department has developed and maintains an Integrated Management System which is ISO 14001:2015 and OHSAS 18001:2007 certified. AREVA is strongly dedicated to avoiding or reducing adverse impacts that our activities may have, and concern for the environment and our personnel is of paramount importance to AREVA.





## APPLICATION FOR LAND USE PERMIT

### Privacy Act Statement

The information you provide in this document is collected under the authority of the *Territorial Land Use Regulations* for the purpose of responding to your application for land use permit. Information on individuals is used by Indigenous and Northern Affairs Canada Land Administration employees who need to know the information in order to respond to your request and/or the program requirements. We share the information you give us with First Nations, Aboriginal groups and Inuit, Territorial and Federal Government Expert Agencies and Public Government Institutions. The personal information will be retained 6 years after the last administrative use and then destroyed. Individuals have the right to the protection of and access to their personal information under the *Privacy Act* (<http://laws-lois.justice.gc.ca/eng/acts/P-21/index.html>).

### For Office Use Only

Application Fee	Land Use Fee	General Receipt Number	Date (YYYYMMDD)	Class	Permit Number

To be completed by all applicants ► ☒ New Application ☐ Amendment

1. Applicant Name and Mailing Address (Full name, no initials)

**John Robbins**

**AREVA Resources Canada Inc.**

**PO Box 9204**

**Saskatoon, SK S7K 3X5**

Telephone Number

**(306) 343-4513**

Facsimile Number

**(306) 343-4632**

2. Head Office Address

**Same as above**

Telephone Number

Facsimile Number

Field Supervisor

**Mario Blain**

Radio Telephone

Email Address

**mario.blain@areva.com**

Telephone Number

**(306) 343-4675**

3. Other Personnel (Subcontractor, Contractors, Company Staff, etc.)

**AREVA Personnel: Coordinator, SHEQ Exploration**

**Contractors: Helicopter pilot, expeditors, labourers.**

**It is anticipated during the care and maintenance phase summer field programs will be limited to inspection and minor maintenance, with up to 3 personnel on site (approximately 2 to 10 operating days)**

Total ► **10**

4. Qualifications

Refer to Section 21 of the *Territorial Land Use Regulations*

Number(s) exploration permit mineral claims (If applicable)

☐ a(i) ☒ a(ii) ☐ a(iii) ☐ b ☐ c

**Leases: 3748 to 3753**

5. a) Summary of Operation (Describe purpose, nature and location of all activities)

Refer to Section 22(2)(b) of the *Territorial Land Use Regulations* (Use last page of form if necessary)

**This application is for exploration of uranium at the Kiggavik Project, located approximately 80 km west of Baker Lake, Nunavut. The exploration project is currently in a care and maintenance phase and planned activities for the term of this licence include inspection of infrastructure, evaluation of reclamation and, if necessary, reclamation activities. A detailed description of activities undertaken during the year and proposed exploration for the upcoming field season is outlined in the Kiggavik Project's Annual Report, submitted to INAC by January 31 of each year.**

b) Indicate if a camp is to be set up (Use last page to provide details)

**Kiggavik camp has existed since 1977. The camp is situated on Inuit Owned Lands and permitted under [KVL306C02]. The camp has been placed in care and maintenance and all fuel removed from site. The camp is inspected annually.**

6. Summary of potential environmental and resource impacts

(Describe the effects of the proposed program on land, water, flora and fauna and related socio-economic areas)

(Use separate pages if necessary)

**During the period of this licence no work is anticipated on INAC lands as the project is in a care and maintenance phase. The environmental impacts continue to be negligible through the application of AREVA's Integrated Management System which is ISO 14001 certified. This system includes Kiggavik specific Spill Contingency, Abandonment and Restoration, Wildlife Mitigation and Monitoring, Waste Management, Noise Abatement and Uranium Exploration Plans. These plans are provided annually as appendices to the annual report and as revisions are completed.**

7. Proposed Restoration Plans (Use last page if required)

**Drill sites are restored as identified in the Abandonment and Restoration Plan and wastes managed in accordance with the Waste Management plan. The current infrastructure is located on Inuit Owned Land and will be removed upon project closure.**

During the Care and Maintenance phase the infrastructure is inspected annually. A detailed description of decommissioning activities is available in the Kiggavik Project Exploration Decommissioning Plan filed with KIA and INAC.

8. Other rights, licences or permits related to this permit application (Mineral claims, Yukon timber permits, water licences, etc.)  
(Use last page if required)

Kiggavik Project Mineral Leases Include: 3232 to 3239; 3241 to 3247; 3291 to 3298; 3300 to 3307; 3748 to 3753  
-Surface Rights administered by the KIA (mineral leases 3232 to 3239; 3241 to 3247; 3291 to 3298; 3300 to 3307  
-Surface Rights administered by INAC (mineral leases 3748 to 3753)  
KIA Land Use Licence No. KVL306C02: expires January 12, 2019  
NWB Water Licence 2BE-KIG1318 (expires June 13, 2018); Renewal requested November 17, 2017

Roads ☒ Is this to be a pioneered road? ☐ Has the route been laid out or ground truthed?

9. Proposed Disposal Methods (Use last page if required)

a) Garbage

Garbage will be flown out with personnel during the course of the annual inspection.

b) Sewage (Sanitary and Grey Water)

No sewage will be generated during the care and maintenance phase.

c) Brush and Trees

Not applicable

d) Overburden (Organic soils, waste material, etc.)

Not applicable

10. Equipment (Includes drills, pumps, etc.) (Use last page if required)

	Type and Number	Size	Proposed Use
1	1 helicopter	variable	Transfer personnel from Baker Lake to Kiggavik for inspection and maintenance.
2	Cyclonator Incinerator (located on IOL)	20 cubic foot chamber	incinerate camp waste during active field work (will not be in use during the care and maintenance phase)
3	2 permanent generators (located on IOL)	175 kw, 35 kw	Electricity for camp (will not be in use during the care and maintenance phase)
4			
5			
6			
7			
8			
9			
10			

11. Fuels	Number of Containers	Capacity of Containers
<input type="checkbox"/> Diesel		
<input type="checkbox"/> Gasoline		
<input type="checkbox"/> Aviation Fuel		
<input checked="" type="checkbox"/> Propane	24 (on IOL @camp)	100 lb
<input type="checkbox"/> Other		

12. Containment Fuel Spill Contingency Plans (Attach separate contingency plan if necessary)

See Spill Contingency Plan



13. Methods of Fuel Transfer (To other tanks, vehicles, etc.)

Fuel was removed from site in 2017. There will be no fuel storage on site during the care and maintenance phase. Short term fuel needed at camp would be hauled in with the inspection personnel and removed as soon as work was completed. This fuel use is anticipated only in camp on Inuit Owned lands.

14. Period of Operation (Includes time to cover all phases of project work applied for, including restoration)

During the care and maintenance phase the site inspection will occur approximately late June to late July annually.

15. Period of Permit (Up to two years, with maximum of one year extension)

Start Date (YYYYMMDD)

2018-05-30

Completion Date (YYYYMMDD)

2020-05-29

16. Location of activities by map co-ordinates (Attach maps and sketches)

	Degrees	Minutes	Seconds		Degrees	Minutes	Seconds
Minimum Latitude ▶	64	17	5.9	Minimum Longitude ▶	97	20	52.44
Maximum Latitude ▶	64	39	26.46	Maximum Longitude ▶	97	59	8.26

Map Sheet Number

17. Applicant (Print Full Name)

John Robbins

Signature



Date (YYYYMMDD)

2018/01/25

18. Fees

☒ Class A - \$150.00    ☐ Class B - \$150.00

▶

\$150.00

Land Use Fees: Less than or equal to 2 hectares

▶ \$50.00

\$50.00

For each additional hectare over 2 hectares or portion of a hectare

▶ x \$50.00 =

Total application and land use fees ▶

\$200.00

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19. Calculation of area involved (Includes access, staging areas, airstrips, campsites, etc.)

Total Area (Ha)

Less than or equal to 2 hectares

Total (For Fee Calculation)

20. Application Checklist

☐ a) Application Signed and Dated

☐ b) Fees Attached

☐ c) Map Included

☐ d) Address and Telephone Number

☐ e) Screening Report

☐ f) Timber Permit Applied for - Yukon

☐ g) Fees Attached

☐ h) Lease Applied for

Remarks

Accepted by

Date (YYYYMMDD)

21. Additional Information (Attach additional pages if necessary)







Projection: NAD 1983 UTM Zone 14N

Compiled: Exploration

Date: 10/26/2016

File: LocationMap\_Kiggavik

Data Sources: Natural Resources Canada, Geobase®, Nation  
Topographic Database, AREVA Resources Canada  
Inc.

Drawn: Exploration

Scale: Scalebar

## LOCATION MAP

**KIGGAVIK  
PROJECT**



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