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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ **New**
☐ **Renewal**
☐ **Amendment**
☐ **Assignment**
☐ **Cancellation**

LICENCE NO:

(for NWB use only)

<p>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</p> <p><u>Barry McCallum, Manager, Nunavut Affairs</u> <u>AREVA Resources Canada Inc.</u> <u>P.O. Box 9204, 817 – 45th Street West</u> <u>Saskatoon, SK S7K 3X5</u></p> <p>Phone: <u>(306) 343-4596</u> Fax: <u>(306) 343-4640</u> e-mail: <u>barry.mccallum@areva.ca</u></p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</p> <p>_____</p> <p>Phone: _____ Fax: _____ e-mail: _____</p>
<p>3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p>See attached maps (Figures 1 to 7) showing the areas where the diamond drilling program is planned and the location of the existing Kiggavik camp which will be refurbished for use in 2007. A new camp at the Sissons site is being considered for the 2008 season. The location of this camp will be determined in consultation with NWB, INAC, KIA and the community of Baker Lake during the 2007 season. The environmental baseline program is currently being developed, and it will be forwarded when the scope of the program has been finalized identifying the study area.</p> <p>Latitude: (64°26'26" N) Longitude: (97°39'36" W) NTS Map Sheet No. <u>64A/05</u> Scale: <u>1:50,000</u></p>	
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p>A program of prospecting; geological mapping; geochemical and geophysical surveys; approximately 4,500 metres of diamond drilling in 2007 and about 11,000 metres in 2008; drill core logging and sampling. A program of environmental baseline work to update existing information and to address data gap in the areas of: surface hydrology; hydrogeology; permafrost depth; aquatic and terrestrial study programs, climate, meteorology, air quality; heritage resources. The details of this program are currently being developed, and will be forwarded when finalized. The programs are summarized in the attached Project Summary.</p>	
<p>5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in "bold")</p>	

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Mining and Milling (includes exploration/drilling) | <input type="checkbox"/> Conservation |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input checked="" type="checkbox"/> Miscellaneous (describe below): |
| | mineral exploration, diamond drilling, and environmental baseline |

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

6. WATER USE

- ☒ To obtain water
 ☐ Flood control
☐ To cross a watercourse
 ☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
 ☐ To alter the flow of , or store, water
☐ Other (describe):

7. QUANTITY OF WATER INVOLVED (cubic metres per day including both quantity to be used and quality to be returned to source)

- Water use** ☒ 100m³/day or less
☐ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source
0 m³/day

8. WASTE (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

- ☒ Sewage
 ☐ Waste oil
☐ Solid Waste
 ☒ Greywater
☐ Hazardous
 ☐ Sludges
☐ Bulky Items/Scrap Metal
 ☒ Other describe: The drill water will be returned to a sump and a series of settling tanks prior to being reused for drilling. All drill cuttings will be collected in a sump, which will be backfilled upon completion of the hole. Drill cuttings in ore (>1uSv/h at 1 m) , on the other hand, will be collected and stored on-site in designated areas. The sewage will either be incinerated (electric toilets) or be deposited into a sump (about 0.8 m3/day); greywater (about 6 m3/day) will be deposited into a sump. Sump locations remain to be determined.

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)**Land Use Permit**

- DIAND ☒ Yes ☐ No If no, date expected Application submitted
 Regional Inuit Association ☒ Yes ☐ No If no, date expected Application submitted
 Commissioner ☐ Yes ☒ No If no, date expected _____

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

The predicted effects to the environment are expected to be negligible through the application of AREVA's Environmental Code of Practice, Safety Code of Practice, Environmental Emergency Response Plan. The Spill Contingency Plan and the Abandonment and Restoration Plan are specifically developed for this program in Nunavut, and they are attached as Appendix A and Appendix B to this application.

- NIRB Screening ☒ Yes ☐ No If no, date expected _____

11. INUIT WATER RIGHTS

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

There are no predicted effects to the quality, quantity or flow of water flowing through Inuit Owned Lands.

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

12. CONTRACTORS AND SUB-CONTRACTORS (name, address and functions)

The drill contract for the 2007 program has been granted to Bradley Bros. Limited (270 Industriel Blvd., Rouyn-Noranda, QC, J9X 6T3). For the remaining scope of the program, it is currently in the early stages of planning and the contractors have yet to be determined. This information will be forwarded as they become finalized.

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

An extensive drilling program was undertaken at both the Kiggavik and the Sissons sites between 1977 and 1997. An extensive environmental baseline program was also undertaken in support of the 1990/1991 Kiggavik Environmental Assessment Report. AREVA will be pleased to forward a more detailed list, if needed.

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun/English Summary of Project ☒ Yes ☐ No If no, date expected _____

Application fee of \$30.00 (Payee Receiver General for Canada) ☒ Yes ☐ No If no, date expected _____

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☒ Yes ☐ No If no, date expected _____

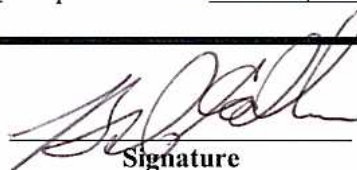
15. PROPOSED TIME SCHEDULE (unless otherwise indicated, the NWT will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: March 1, 2007 Completion Date: March 1, 2009

Barry McCallum
Name (Print)

Manager, NU Affairs
Title (Print)


Signature

November 8, 2006
Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$ _____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$ _____ Pay ID No.: _____