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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)

<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  Pacific Ridge Exploration Ltd. 1100-1199 West Hastings St. Vancouver, B. C. V6E 3T5  Phone: (604) 684-9384 Fax: (604) 688-4670 e-mail: jsbrock@mnx ltd.com, wroberts@ mnx ltd.com or GNo7369143@aol.com	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>Same as previous</u>  Phone: _____ Fax: _____ e-mail: _____
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking) <b>A main drill camp will be established at the west side of Bissett lake, there are no fly camps</b>  Latitude: (63°48'0" N)      Longitude: (95°21'0" W) NTS Map Sheet No. <u>55M/14</u> Scale: _____	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings) The exploration program will start as weather and field conditions permit but could start in April and run through until Nov 1 seasonally. The program involves geological mapping, geophysics, rock sampling and drilling.  The ammendment is required to increase the water required for drilling (increase from 1 drill to 3 drills and for camp usage (increase to 25man camp). Additional waste material is contemplated with the addition of 2 drills and ~ 10 additional personnel. The camp and drills will utilize Storburn pollution free toilets and Smart Ash incinerators to make sure all waste products are disposed of in an environmentally friendly way. All metal waste products will be removed from the site and flown to the Baker Lake community landfill. Waste oil products will be flown out to Baker Lake or burned if the product burns cleanly. Grey water from the kitchen and showers will be contained in proper sumps. Drill water will be contained in sumps and drill cuttings will be either pumped back drill holes (> 0.05% U3O8) or contoured to the natural landscape surface. Pacific Ridge has been able to pump back down the drill holes approximately 90% of all cuttings to date.	
<b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in " <b>bold</b> ")	

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

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): It is esti

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

**Water use** ☐ 100m<sup>3</sup>/day or less  
☒ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.) Drilling 150m<sup>3</sup>/day; Camp 20m<sup>3</sup>/day = 170m<sup>3</sup>/day

**Water returned to source**  
variable m<sup>3</sup>/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): Drill water (contained in sumps)

**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 \_\_\_\_  
 Regional Inuit Association ☐ Yes ☐ No If no, date expected \_\_\_\_  
 Commissioner ☐ Yes ☐ No If no, date expected \_\_\_\_

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

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?

No, this program is a small temporary exploration program involving small diameter drilling. Effects are temporary and will not effect the quality, quantity or flow of water.

## 11.0 (Continued)

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)

Pacific Ridge Exploration Ltd. (or Manex Resource Group- management company)- 1100 - 1199 W. Hasting St. Vancouver, B.C. : To supply Project Management, field geologists, field assistants.  
 Baker Lake Contracting and Supply, PO Box, 24, Baker Lake, NU: Build drill camp  
 SK Construction (Boris Kotelewetz)- Box 239 Baker Lake, NU: Supply Expediting services  
 Ookpic Aviation, P.O. Box 230, Baker Lake, NU: Fixed wing air support  
 Foraco/Connors Drilling Ltd.- 2007 West Trans Canada Highway, Kamloops, B.C.  
 Guardian Helicopters, 538 Hurrican Dr. Springbank Airport Calgary, AB: Supply helicopter support  
 Baker Lake Lodge, Box 239, Baker Lake: Supply food and lodging  
 Northern Store, Baker Lake, NU: Supply groceries and hardware supplies

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

Historic exploration has outlined several uranium targets and zones of uranium mineralization throughout a sixty kilometer length along the southern unconformity contact of the Baker basin. Archaeological study complete: report is in progress and will be filed with government agencies by March 31, 2008.

**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 NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: June 1, 2006 Completion Date: November 1, 2009

Name (Print)

Title (Print)

Signature

Date

**For Nunavut Water Board office use only**

**APPLICATION FEE** Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_

**WATER USE DEPOSIT** Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_