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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><b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSES</b></p> <p>E. Kenneth Paul, Director, North American Exploration Newmont Canada Ltd. 1700 Lincoln Street Denver, CO 80203 USA</p> <p>Phone: (303) 708-4500 Fax: (303) 708-4501 e-mail: <a href="mailto:ken.paul@newmont.com">ken.paul@newmont.com</a></p>	<p><b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b></p> <p>Phone: _____ Fax: _____ e-mail: _____</p>		
<p><b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p style="text-align: center;">Latitude: (60° 26' 00" N)      Longitude: ( 100° 23' 00" W)</p> <p style="text-align: center;">NTS Map Sheet No. <u>065c 08</u> Scale: <u>50,000</u></p>			
<p><b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)</p> <p>Helicopter-supported diamond drill program, without field camp. The initial test, to be carried out in April and May, will comprise approximately 15 holes totaling 3,000 meters (10,000 feet) of drilling. If results warrant, a second drill program of similar size might take place later in the year. See attached summary and maps</p>			
<p><b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <b><u>must</u></b> be submitted with the application for undertakings listed in "<b>bold</b>")</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> <b>Industrial</b>  <input checked="" type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling)  <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges)  <input type="checkbox"/> <b>Power</b> </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> <b>Agricultural</b>  <input type="checkbox"/> <b>Conservation</b>  <input type="checkbox"/> <b>Recreational</b>  <input type="checkbox"/> <b>Miscellaneous</b> (describe below): </td> </tr> </table> <p style="margin-top: 20px;">See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings</p>		<input type="checkbox"/> <b>Industrial</b> <input checked="" type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling) <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges) <input type="checkbox"/> <b>Power</b>	<input type="checkbox"/> <b>Agricultural</b> <input type="checkbox"/> <b>Conservation</b> <input type="checkbox"/> <b>Recreational</b> <input type="checkbox"/> <b>Miscellaneous</b> (describe below):
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**6. WATER USE**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> To obtain water                 | <input type="checkbox"/> Flood control                          |
| <input type="checkbox"/> To cross a watercourse                     | <input type="checkbox"/> To divert a watercourse                |
| <input type="checkbox"/> To modify the bed or bank of a watercourse | <input type="checkbox"/> To alter the flow of , or store, water |
| <input type="checkbox"/> Other (describe):                          |   |

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

**Water use**    ☒ 100m<sup>3</sup>/day or less (50 m<sup>3</sup>/day)  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

**Water returned to source** No water will be returned to source. Water and drill cuttings will be caught in sumps or natural depressions at least 31 meters (105 feet) away from high water line on adjacent lakes.

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

- ☐ Sewage  
☒ Waste oil (Once every two weeks, 5-10 liters at a time. Used oil will be caught in plastic containers and transported back to Nueltin Lodge for proper disposal)  
☐ Solid Waste  
☐ Greywater  
☐ Hazardous  
☐ Sludges  
☐ Bulky Items/Scrap Metal  
☒ Other describe: Drilling fluids and cuttings. An estimated 50 m<sup>3</sup> will be produced daily. Fluids and cuttings will be caught in hand dug sumps or natural depressions adjacent to drill holes and at least 31 meters away from adjacent lakes' high water lines.

**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 **Permit Pending**

Regional Inuit Association

☐ Yes    ☒ No    If no, date expected **Not Applicable**

Commissioner

☐ Yes    ☒ No    If no, date expected **Not Applicable****10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

Minimal ground disturbance will be caused by drill platform construction. Disturbance will be limited to removal of large boulders and minor brush removal. Maximum area affected will be less than 10 by 10 meters (35 by 35 feet) at each drill site. Total disturbance, including fuel cache, will be less than 0.3 hectare (0.75 acre).

About 50 m<sup>3</sup> per day of water will be used from adjacent lakes

Drill cuttings will be caught in hand-dug sumps or natural depressions located at least 31 meters (105 feet) from lake high water mark. If holes are drilled near lakes or on lake ice, cuttings will be caught by a Polydrill filter system, and disposed of in a sump at least 31 meters (105 feet) away from high water line. Water will be circulated through the Polydrill filter system and re-used.

Less than 500 gallons (2,000 liters) of fuel will be stored at a fuel cache on site. The fuel will be stored in drums within a

1,336 gallon (5057 liter) capacity, polyurethane secondary containment berm to reduce risk of any fuel spill contacting the ground. Spill kits will be kept at site and any soil contaminated by spilled fuel will be removed in sealed drums to an approved storage and remediation site.

The project is not located within sensitive wildlife areas, and activities should not disrupt caribou migration. Caribou migration through the area will be reported to the Government of Nunavut wildlife biologist in Arviat.

All supplies, waste, and drill core will be removed from the site to Nueltin Treeline Lodge. Waste will be incinerated and/or disposed of there. Core will be stored there pending receipt of geochemical laboratory results.

NIRB Screening ☐ Yes ☒ No If no, date expected Pending

**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**

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)**

Peak Drilling Ltd. (Drilling Contractor)  
Box 457,  
Yellowknife, NWT X1A 2N4

Great Slave Helicopters (transport)  
106 Dickens St.  
Yellowknife NT. X1A 2R3

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

Surface geological mapping, rock chip sampling, and geophysical surveying has been completed. These activities were carried out during brief field visits in 2005 and 2006. No field camp was use, no water resources were impacted, and no water or land use applications were made for these previous activities.

**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 )  
☒ 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: March 23, 2008

Completion Date: March 22, 2010

Name (Print)	Title (Print)	Signature	Date
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<b>For Nunavut Water Board office use only</b>			
<b>APPLICATION FEE</b>	Amount: \$ _____	Pay ID No.: _____	
<b>WATER USE DEPOSIT</b>	Amount: \$ _____	Pay ID No.: _____	