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KATIMAYINGI

Effective January 1, 2004

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN

WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ New Re: NWB2KIM ☐ Amendment ☐ Renewal ☐ Assignment

INTERNAL	
PC	<input checked="" type="checkbox"/>
MA	<input type="checkbox"/>
FO	<input type="checkbox"/>
LA	<input type="checkbox"/>
BS	<input type="checkbox"/>

LICENCE NO:
(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

True North Gems Inc.
500-602 West Hastings Street
Vancouver, BC V6B 1P2

Phone: 604-687-8055
Fax: 604-899-1240
e-mail: bonnie@truenorthgems.com

2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)

Nunavut Water
Board

JUL 12 2005

Public Registry

Phone: _____
Fax: _____
e-mail: _____

ST	<input type="checkbox"/>
TA1	<input type="checkbox"/>
TA2	<input type="checkbox"/>
PC	<input type="checkbox"/>
ED	<input type="checkbox"/>
CH	<input type="checkbox"/>
BRD	<input type="checkbox"/>
EXT.	<input type="checkbox"/>

3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)

Kimmirut, Nunavut
Please see attached map

Latitude: 6,968,500 mN Longitude: 454,500 mE NTS Map No. 025K13 Scale 1:20,000

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

-Exploratory drilling around our sapphire occurrence (2000 metres planned, 40 holes)

Exact locations to be determined – area of work shown on attached map

- An ATV trail currently exists from Kimmirut to our worksite, 2.7 km away. We would like to upgrade this trail to a road (for access and first aid), but that requires installing culverts at two locations. It is important to note that the streams currently channel water exiting the town's water supply (Lake Fundo). Please see map for exact stream crossing locations.

5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in "bold")

☐ Industrial
☐ Mining and Milling
☐ Municipal (includes camps/lodges)
☐ Power

☐ Agricultural
☐ Conservation
☐ Recreational
☒ **Miscellaneous** (includes exploration/drilling)
(describe): Access to worksite and exploratory drilling

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

6. WATER USE

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

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

Drilling – Use ~5760 gallons per 12 hour shift (we will be operating 24 hours/day). Water from drilling, including cuttings, will go through a 2 stage settling tank to remove the solids, and then discharged back downhill towards the small lake used to supply drilling water. Geotechnical filter fabric will be used below the discharge to remove any remaining solids. As well, the discharge site will be a considerable distance from the drill water supply lake, thus further filtering the discharge water.

Water crossings – Please see attached report “True North Gems – Culvert/Stream Crossings Report”

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): Please see above Section 7 for details. _____

9. PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary) Municipality of Kimmirut, Box 120, Kimmirut, NU X0A 0N0 867-939-2247
Please see attached letter.**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 mid-July, 2005 _____

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? N/A

11. (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)

Kluane Drilling, 14 MacDonald Road, Whitehorse, YT Y1A 4L2 – Will be performing all diamond drilling on-site
Akavak's Construction Ltd., PO Box 116, Kimmirut, NU X0A 0N0 – Will be completing our culvert installation

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

Please see attached stream crossings report.

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/English Summary of Project ☒ Yes ☐ No If no, date expected _____

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

Water Use fee (see Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)
☒ Yes ☐ No If no, date expected _____

15. PROPOSED TIME SCHEDULE

☒ Annual (or) ☐ Multi Year

Start Date: July 1, 2005

Completion Date: December 31, 2006

Bonnie Pemberton
Name (Print)

Project Coordinator
Title (Print)

Bonnie Pemberton
Signature

July 5, 2005
Date

For Nunavut Water Board use only

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

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