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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE SCHEDULE III - 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 SILVERMET INC 8 KING STREET EAST, SUITE 1700 TORONTO, ON M5C 1B5</p> <p>Phone: 416 – 203 - 8336 Fax: 416 – 203 - 9483 e-mail: _____</p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</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>Latitude: (66 ° 42' 00" N) Longitude: (115 ° 08' 00" W) TO 66° 58.5' 00" N and 115° 15' 00" W NTS Map Sheet No. 86 J/11 and 86 O/3 Scale: 1:250,000</p>			
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p>We are operating a 12 man camp on Federal Lands – application under review and a diamond drill and sampling program on Inuit Owned Surface Lands. Maps appended.</p>			
<p>5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in “bold”)</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling) <input type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below): _____ </td> </tr> </table>		<input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling) <input type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below): _____
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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 Probably around 12-15 m³ for drill and camp.
☐ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source

12-15 m³/day I would suggest most will be returned to source through a natural filtration system

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

- ☒ Sewage 0.2m³ per day
 ☒ Waste oil - <0.1 m³ per week
☐ Solid Waste
 ☒ Greywater - 12-15m³ per day
☐ Hazardous
 ☒ Sludges - < 0.2m³ per day
☐ Bulky Items/Scrap Metal
 ☐ Other describe): _____

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 Any day!
 Regional Inuit Association ☒ Yes ☐ No If no, date expected Any day!
 Commissioner ☐ Yes ☐ No If no, date expected _____

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

Limited direct environmental impact. No drilling on lakes and all return water will be directed through natural sumps. Sludge will be collected using a riffle system and collected and bagged at the completion of every hole.

NIRB Screening ☒ Yes ☐ No If no, date expected This has been completed and passed.

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?
 Absolutely not!! I am so certain of this, I would suggest Silvermet would post a bond to insure minimum environmental impacts.

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)

Aurora Geosciences Ltd, 3502 Raccine Road, Yellowknife, NT , X1A 3J2 – Project Manager and labour support
 Caron Drilling, Whitehorse, Yukon. Drill contractor.
 Great Slave Helicopters, Yellowknife, NT. Helicopter support.
 Air Tindi, Arctic Sunwest, First Air and Canadian North, Yellowknife. Airline support.

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

No studies undertaken to date. Our program at this site last year encountered only 20 caribou, a couple of gyrfalcons (possibly peregrines). Although there was a bear in the area, fresh scat, it was never noted.

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

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

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

Application fee of \$30.00 (Payee Receiver General for Canada) X 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)

X 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) X Multi Year

Start Date: May 2007

Completion Date: May 2012

Gary Vivian

President

April 13, 2007

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.: _____