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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

WATER LICENCE APPLICATION FORM

Application for: (check one)

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

LICENCE NO:

(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Office Manager
626 Tumiit Building, P.O. Box 2319
Iqaluit, Nu X0A 0H0

Phone: (867) 979-3539
Fax: (867) 979-0708
e-mail: _____

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

Same as left

Phone: _____
Fax: _____
e-mail: _____

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

Camp location:

Latitude: 71°08'00" N Longitude: 78°12'00" W NTS Map No.: NTS 37G
Scale: 1:250,000

Study Area includes NTS 37E, F, G and H.

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Purpose: This is the first year of a proposed 3-year project in the North Baffin region. It will focus on documenting different types of surficial materials (including those deposited by glaciers during the last ice age), and will identify the timing and movement directions of large glaciers that once completely covered the region. It is important to know this information because many minerals indicative of economic deposits were eroded and moved by these glaciers. Through mapping these sediments and determining the glacial movement directions, geologists are better able to track economic mineral anomalies back to their source(s). The results of this project will attract mineral explorations companies to the region because the basic geologic information they require will be available to them. We are optimistic that this research will stimulate the mineral exploration industry and improve the job potential and socio-economic conditions in nearby communities.

Proposed duration of field work: The 2003 field season will begin on July 2nd and end on August 13th.

Study area: The study area encompasses NTS 37 E, F, G and H. During the 2003 field season, work will focus on the following map areas: NTS 37 E(west), F and G.

Activities: The work will be accomplished by ground traverses (on foot) from helicopter drop-off zones. Approximately 5 field researchers will set out in a helicopter from the base camp to their drop-off zones each morning; they will be picked up and returned to the base camp by helicopter in the evenings.

Base Camp: The base camp will consist only of canvas tents and light equipment (stove, refrigerator, generator etc.). There will be a total of nine people stationed at the camp throughout the 2003 field season.

Transportation: Camp mobilization and demobilization will be accomplished through Twin Otter support. Movement of people to and from their ground traverses will be accomplished through the use of a Bell 206L helicopter.

Fuel: The oven/stove, refrigerator and freezer will be powered by propane. The generator will be powered by gasoline and will serve only as a backup to the solar panels recharging batteries that will run the office equipment. Heaters and the helicopter will utilize Jet B fuel. Portable stoves and lanterns will use white gas.

Remediation: Sewage and grey water will be buried. Flammable garbage (organics) will be burned. Any non-flammable garbage such as metal cans and glass will be crushed and shipped at the cost of the project, to appropriate community-based, waste-storage facilities.

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

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Remote/Tourism Camps |
| <input type="checkbox"/> Mine Development | <input type="checkbox"/> Municipal |
| <input type="checkbox"/> Advanced Exploration | <input type="checkbox"/> Power |
| <input type="checkbox"/> Exploratory Drilling | <input checked="" type="checkbox"/> Other (describe): <u>Base camps for geological mapping</u> |

6. WATER USE

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

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

300 litres per day for domestic use.

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Sewage Burial | <input type="checkbox"/> Waste oil |
| <input checked="" type="checkbox"/> Solid Waste Back Haul to | <input checked="" type="checkbox"/> Greywater Burial |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Other (describe): <u>Organic wastes (e.g. food-scraps) will be burned.</u> |

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

Land Use Permit

- | | | | |
|----------------------------|---|-----------------------------|----------------------------|
| DIAND | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | If no, date expected: |
| Regional Inuit Association | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | If no, date expected: |
| Commissioner | <input type="checkbox"/> Yes | <input type="checkbox"/> 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 _____

Minimal Impact

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?

Minimal Impact, if any at all.

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)

N/a

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

N/a

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/English Summary of Project **X** Yes _____ No _____ If no, date expected _____

Application fee \$30.00 (c/o of Receiver General for Canada) **X** Yes _____ No _____ If no, date expected _____

15. PROPOSED TIME SCHEDULE

_____ Annual (or) **X** Multi Year

Start Date: July 2nd, 2003 Completion Date: August, 2005 (approx.)

Name (Print)	Office Manager Title (Print)	Signature	Date
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For Nunavut Water Board use only

APPLICATION FEE Amount: \$ _____ Receipt No.:

WATER USE DEPOSIT Amount: \$ _____ Receipt No.:

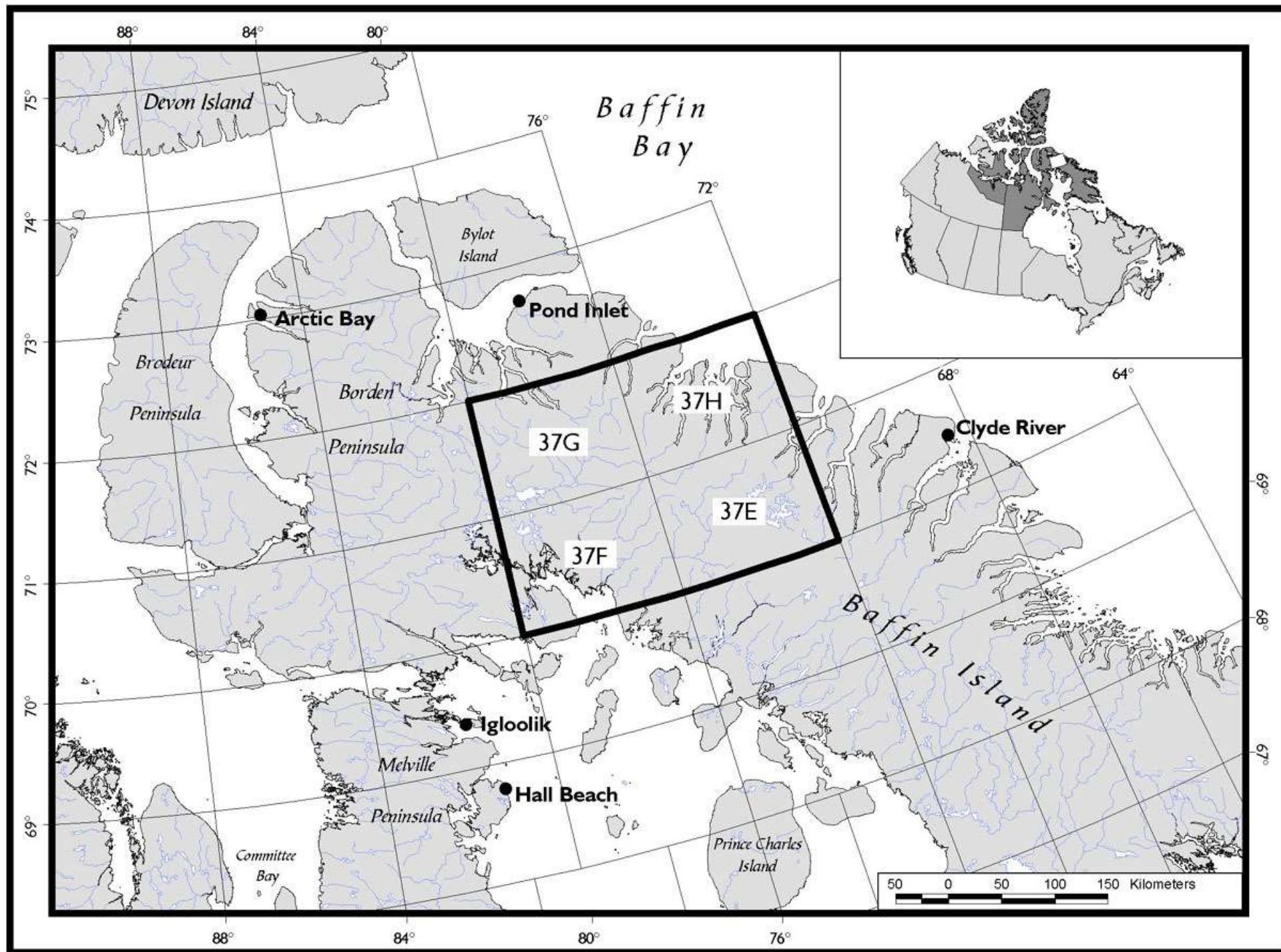
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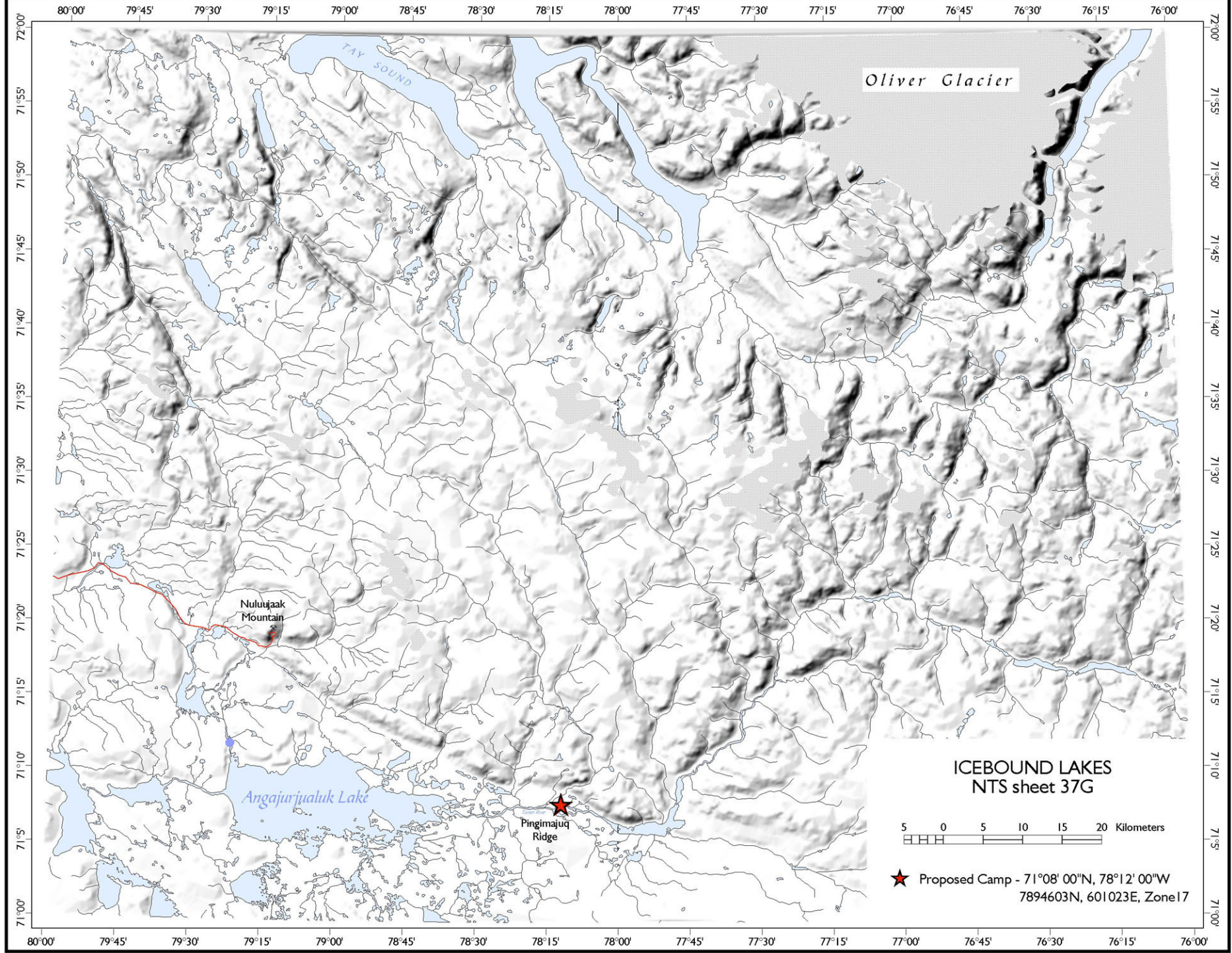
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★ Proposed Camp - 71°08' 00"N, 78°12' 00"W
7894603N, 601023E, Zone17