



Nunavut Water Board

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NUNAVUT IMALIRIYIN KATIMAYINGI

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WATER LICENCE APPLICATION FORM

Application For (check one) ☐ New ☐ Amendment ☐ Renewal ☐ Assignment

Licence Number (NWB use only)

1. Name and mailing address of applicant / licensee

Phone _____ Fax _____
E-mail _____

2. Address of corporate office in Canada (if applicable)

Phone _____ Fax _____
E-mail _____

3. Location of undertaking (describe and attach a topographic map indicating the main components of the undertaking)

Latitude _____°North Longitude _____°West NTS Map Number _____ Scale _____

4. Description of undertaking (attach plans and drawings)

5. Type of primary undertaking (A supplementary questionnaire must be submitted with the application for undertakings marked with an asterisk. See Schedule II of the Northwest Territories Waters Regulations for description of undertakings)

_____ Industrial *

_____ Agricultural

_____ Mining and Milling *

_____ Conservation *

_____ Municipal (includes camps / lodges) *

_____ Recreational

_____ Power

_____ Miscellaneous (includes exploration / drilling) *

(describe): _____

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)

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): _____

9. 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 undertakings 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 through Inuit Owned Lands and the rights of Inuit under Article 20 of the *Nunavut Land Claims Agreement*?

Yes ____ 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?

Yes ____ No ____

If no compensation agreement has been made, how will compensation be determined?

12. Contractors and sub-contractors (name, address and functions)

13. Studies undertaken to date (list and attach copies of studies, reports, research, etc.)

14. The following documents must be included with the application for the regulatory process to begin

Supplementary Questionnaire Yes ____ No ____ If no, date expected _____
(where applicable; see Section 5)

Inuktitut/English project summary Yes ____ No ____ If no, date expected _____

Application fee \$30.00 Yes ____ No ____ If no, date expected _____
(payee Receiver General for Canada)

Water use fee Yes ____ No ____ If no, date expected _____
(see section 9 of the *NWT Waters Regulations*; payee Receiver General for Canada)

15. Proposed time schedule

Annual ____ (or) Multi-year ____ Start date _____ Completion date _____

Name (print)

Title (print)

Signature

Date

Nunavut Water Board Use Only

Application fee Amount \$ _____ Pay ID No: _____

Water use deposit Amount \$ _____ Pay ID No: _____



Canada-Nunavut Geoscience Office

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South-West Baffin Integrated Geosciences (SWBIG) Project

Preliminary plan for 2006 field season

Prepared by Marc St-Onge and Dan Utting, project co-leaders

Project Description and Objectives

In 2006, the Canada-Nunavut Geoscience Office and the Geological Survey of Canada propose to conduct an integrated geoscience project on southwestern Baffin Island. The study area will comprise parts of NTS map sheets 35P, 36A, B, C, D, F, G, and H (Figure 1). The objective of the project is to increase the level of mineral exploration activity in a relatively populated portion of Nunavut by improving the publicly available geosciences knowledge of the area, hence reducing the exploration risk to industry. The project area is proximal to the three larger communities of southern Baffin Island, namely Iqaluit, Kimmirut and Cape Dorset, which would all directly benefit economically from exploration. This is a joint Canada-Nunavut Geoscience Office (C-NGO)/ Geological Survey of Canada (GSC) mapping initiative, to be co-lead by Marc St-Onge (GSC-Ottawa) and Dan Utting (C-NGO). The proposed project was presented to, and received unanimous approval from, the Cape Dorset Municipal Council in January of 2006 (Record of Decision of the Municipal Council of Cape Dorset no. 215/05-06).

No regional scale mapping of the bedrock geology has taken place since R. Blackadar and F. Taylor completed reconnaissance mapping in 1958 – 1965 at a scale of 1:500K to 1:250K, rendering the region a high-risk area for mineral exploration. On the existing bedrock geology maps, only the broadest distinctions among rock types are made. New bedrock mapping would potentially lead to the identification of new sources of carving stone (soapstone and marble) for the Kingnait Cooperative in Cape Dorset. Similarly, a surficial geological framework exists, but only from older reconnaissance scale mapping. An update of the ice flow chronology, geochronology and regional geochemistry of this area is particularly relevant for diamond exploration and other stakeholders that use an understanding of ice dynamics to interpret indicator mineral patterns.

In 2006/2007, after integration of regional remote-sensed data (recently acquired airborne aeromagnetic, hyperspectral, and satellite imagery) with a new Baffin compilation of existing bedrock map data, and interpretation of airphoto features, ground-based fieldwork will be jointly undertaken by the C-NGO and GSC.

The field project would make use of two field camps, the first west of Mingo Lake (Figure 2) and the second north of Tellik Bay (Figure 3).



Canada-Nunavut Geoscience Office

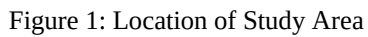
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Project Participants for 2006 field season:

• Dan Utting	Canada-Nunavut Geoscience Office (Iqaluit)
• Don James	Canada-Nunavut Geoscience Office (Iqaluit)
• Olivia Brown	Canada-Nunavut Geoscience Office (Iqaluit)
• Kerry Brazel	Canada-Nunavut Geoscience Office (Iqaluit)
• Marc St-Onge	Geological Survey of Canada (Ottawa)
• Mary Sanborn-Barrie	Geological Survey of Canada (Ottawa)
• Nicole Rayner	Geological Survey of Canada (Ottawa)
• Natasha Wodicka	Geological Survey of Canada (Ottawa)
• Angela Ford	Geological Survey of Canada (Ottawa)
• Tracy Lynds	Geological Survey of Canada (Ottawa)
• Jeff Harris	Geological Survey of Canada (Ottawa)
• Paul Budkewitsch	Geological Survey of Canada (Ottawa)
• Edward Little	Geological Survey of Canada (Calgary)
• Doug Hodgson	Geological Survey of Canada (Ottawa)
• Mike Young	Contractor (Vancouver)
• Jared Butler	Dalhousie University (Halifax)
• Michelle Tromellen	University of Victoria
• Chris Yachymchuck	Dalhousie University (Halifax)
• Andrew Smye	Oxford University (Oxford)
• James Rae	Oxford University (Oxford)
• Kayla Vickers	Simon Fraser University (Vancouver)
• Samuel Kelley	Dalhousie University (Halifax)
• Derek Rogge	University of Alberta (Edmonton)
• John Gosse	Dalhousie University (Halifax)
• Brent Ward	Simon Fraser University (Vancouver)
• Norman Hellendy	Tukilik Project (Carp)
• Anne Henshaw	Bowdoin College (Brunswick, Maine)
• Debbi Guilfoyle	Camp Cook
• Kim Guilfoyle	Assistant Cook
• Terry Halton	Pilot
• TBA	Pilot
• TBA	Engineer



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Canada-Nunavut Geoscience Office

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Figure 2: Portion of NTS 36A with proposed camp location (June 23-July 28th, 2006)

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Figure 3: Portion of NTS 36C with location of proposed camp (July 29th to August 23rd, 2006)

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- ᑕᐱ ᑕᑕᐱ Don James
- ᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Olivia Brown
- ᑕᑕᑕᑕ ᑕᑕᑕᑕ Kerry Brazel
- ᑕᑕᑕ ᑕᑕᑕᑕᑕ Marc St-Onge
- ᑕᑕᑕᑕ ᑕᑕᑕᑕᑕᑕᑕ Mary Sanborn-Barrie
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- ᑕᑕᑕᑕ ᑕᑕᑕᑕᑕᑕ Jeff Harris
- ᑕᑕᑕ ᑕᑕᑕᑕᑕᑕ Paul Budkewitsch
- ᑕᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Edward Little
- ᑕᑕ ᑕᑕᑕᑕᑕᑕ Doug Hodgson
- ᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Jared Butler
- ᑕᑕᑕᑕ ᑕᑕᑕᑕᑕᑕ Chris Yachymchuck
- ᑕᑕᑕᑕᑕ ᑕᑕᑕᑕᑕ Andrew Smye
- ᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ James Rae
- ᑕᑕᑕᑕ ᑕᑕᑕᑕ Kayla Vickers
- ᑕᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Samuel Kelley
- ᑕᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Derek Rogge
- ᑕᑕᑕ ᑕᑕᑕᑕ John Gosse
- ᑕᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ Brent Ward
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Debbi Guilfoyle
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Kim Guilfoyle
- ᑕᑕᑕᑕᑕ ᑕᑕᑕᑕᑕᑕ Terry Halton
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Norman Hallendy
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Anne Henshaw
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Michelle Tromellen
- ᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕᑕ Mike Young
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መጽሐፍ 3: ልሳሊ NTS 36C ሥልጠናው መጠናቀቅዋል (ጥር 29-ጥር 23, 2006)