

# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail: slcnri@nunanet.com

## NOTIFICATION OF RESEARCH

PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENCE No. 0400104R-M HAS BEEN ISSUED TO:

Gary Ash  
Golder Associated Ltd.  
17312-106 Avenue  
Edmonton, AB  
T5S 1H9 Canada  
780 484 1574

### TO CONDUCT THE FOLLOWING STUDY:

Doris North Project

### SUMMARY OF RESEARCH:

Miramar Hope Bay Ltd. Pland to carry out additional baselie aquatic investigations during the 2004 field program. The program for 2004 is considered an extension of the work done in 2003 and the data information collected is required to fill in some information gaps as we continue our advanced exploration activities in the Hope Bay Belt. A considerable amount of aquatic surveys have been completed on the belt since 1992 under a previous owner. The program in 2004 will focus on Roberts bay, Little Roberts Lake and Roberts Lake ares, loacated in the northern portion of the Hope Bay Belt with the closest community being Umingmaktok. Community visits to Bathurst Inlet and Umingmaktok during the summer of 2000 summarized the program inticipated in 2000 and what we might expect to do in 2004. As mentioned, the study program for 2004 is designed to compliment existing information and fill in data gaps on aquatic habitat and fish populations in the study area. The work will include both springf and fall field surveys, focusing on Arctic char spawning locations and migration patterns in and out of Roberts Lake Tissue samples will be collected from approximately 100 fish (sculpin and stickleback) and analyzed for metal concentrations. Where possible, fish tagging will be undertaken to enable longer term monitoring. Inaddition, sediment samples will be collected in Roberts Bay and Roberts Lake to determine the present concentrations of metals and organic contaminants.

### THE STUDY WILL BE CONDUCTED AT:

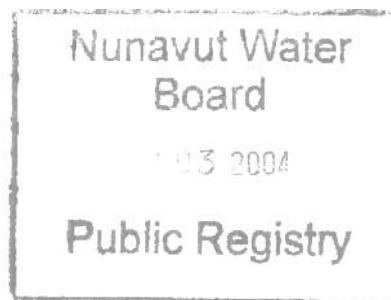
**BETWEEN:** June 01, 2004 - October 31, 2004

*Mary Ellen Thomas*

*per* Mary Ellen Thomas  
Manager, Research Liaison

### DISTRIBUTION:

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Mayor SAO Cambrige Bay  
Chairperson HTO Tatoyoak  
Chairperson HTO Cambrige Bay  
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Environmental assessment Screener, NIRB  
Lands Admistrator QIA  
Executive Director, NWB  
Director of Wildlife Management, NWMB  
Area Manager DFO  
Executive Director NPC



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Golder Associated Ltd.  
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Edmonton, AB  
T5S 1H9 Canada

## **RE: 2004 Science Research License**

Please find enclosed your 2004 Research License No. **0400104R-M** which was prepared under the *NUNAVUT SCIENTISTS ACT*. Should you require further support from the NRI Research Centre, please contact the Manager to discuss your research needs.

Please be advised that this multi-year license is subject to all criteria established in the *Nunavut Land Claim Agreement* and will be subject to any future changes that may occur in the *Nunavut Land Claim Agreement*. A multi-year license may also be revoked for any of the following:

- the researcher fails to submit an Annual Summary Report
- the researcher breaches any term or condition set out in the license
- the researcher fails to renew associated licenses
- complaints with *just cause* are received concerning the project or any project team member
- the researcher fails to notify the NRI of any changes to the project

## **Important Renewal Information**

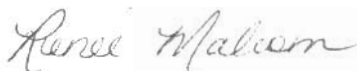
Multi-year licenses are granted for the duration indicated on your application form. All NRI licenses however, expire at the end of each calendar year. To renew your license each year, according to the *Scientists' Act*, researchers must submit a 500-1000 word non-technical *Annual Summary* of your research activities and findings in English *and* Inuktitut or Inuinaqtun. The translation ensures maximum accessibility of your research results to Nunavut residents. A list of translators is available from the NRI.

Upon completion of your fieldwork in Nunavut, please ensure that you submit a *Final Report* with an English and translated executive summary. Copies of papers that you publish are appreciated. Computer disk copies of reports, in Word Perfect or Microsoft Word, would be most appreciated for posting on the NRI web site ([www.nunanet.com/~research](http://www.nunanet.com/~research)).

Thank-you in advance for assisting in the promotion and development of a scientific research community and database within Nunavut. The reports and information you provide are utilized to prepare an annual research compendium, which is distributed to communities and organizations in Nunavut as well as to researchers across Canada.

Please accept our best wishes for success in your research project.

Sincerely,



*per* Mary Ellen Thomas  
Manager, Research Liaison

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## SCIENTIFIC RESEARCH LICENCE

LICENCE # 0400104R-M

ISSUED TO: Gary Ash  
Golder Associated Ltd.  
17312-106 Avenue  
Edmonton, AB  
T5S 1H9 Canada  
780 484 1574

TEAM MEMBERS: Jim Campbell, Rob Stack, Alison Little, Jacek Patalas, Heidi Swanson

AFFILIATION: Golder Associated Ltd.

TITLE: Doris North Project

### OBJECTIVES OF RESEARCH:

Miramar Hope Bay Ltd. Pland to carry out additional baselie aquatic investigations during the 2004 field program. The program for 2004 is considered an extension of the work done in 2003 and the data information collected is required to fill in some information gaps as we continue our advanced exploration activities in the Hope Bay Belt. A considerable amount of aquatic surveys have been completed on the belt since 1992 under a previous owner. The program in 2004 will focus on Roberts bay, Little Roberts Lake and Roberts Lake ares, loacated in the northern portion of the Hope Bay Belt with the closest community being Umingmaktok. Community visits to Bathurst Inlet and Umingmaktok during the summer of 2000 summarized the program inticipated in 2000 and what we might expect to do in 2004. As mentioned, the study program for 2004 is designed to compliment existing information and fill in data gaps on aquatic habitat and fish populations in the study area. The work will include both springf and fall field surveys, focusing on Arctic char spawning locations and migration patterns in and out of Roberts Lake Tissue samples will be collected from approximately 100 fish (sculpin and stickleback) and analyzed for metal concentrations. Where possible, fish tagging will be undertaken to enable longer term monitoring. Inaddition, sediment samples will be collected in Roberts Bay and Roberts Lake to determine the present concentrations of metals and organic contaminants.

### TERMS & CONDITIONS:

The holder of this licence will be bound by the terms and conditions from the Nunavut Impact Review Board Screening Decision Report and per the Deaprtment of Culture, language, Elders and Youth Archeological Sites Terms and conditions.

### DATA COLLECTION IN NU:

DATES: June 01, 2004-October 31, 2004

LOCATION: Hope Bay Belt

Scientific Research Licence 0400104R-M expires on December 31, 2004

Issued at Iqaluit, NU on April 27, 2004



Earle Baddaloo  
Science Advisor

