

nwb1BOS98C1  
nwb2HOP0002

**Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute**

Box 1720, Iqaluit, NT X0A 0H0 phone: (867) 979-4108 fax: (867) 979-4681 e-mail: slcnri@nunanet.com

April 24, 2001

NOTIFICATION OF RESEARCH

PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENCE No. 0400401N-A HAS BEEN ISSUED TO:

Gary Ash

R.L. & L. Environmental Services Ltd.

17312-106 Avenue

Edmonton, Alberta

T5S 1H9 Canada

780-483-3499

Nunavut Water  
Board

10 2001

Public Registry

**TO CONDUCT THE FOLLOWING STUDY:**

Hope Bay Aquatic Investigations

**SUMMARY OF RESEARCH:**

The Hope Bay Joint Venture plan to carry out additional baseline investigations during the 2001 field program. The program is considered to be an extension of the work done in 2000 and the data collected is requires to fill in some 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 2001 program will focus on the Roberts Bay, Little Roberts Lake and Roberts Lake area . The study program 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 spring and fall field surveys, focusing on Arctic grayling spawning locations and Arctic char migration patterns in and out of Roberts lake. Tissue samples will be collected from approximately 60 fish ( 30 Arctic char and 30 lake trout) and analyzed for metal concentrations. Where possible, fish tagging will be undertaken to enable longer term monitoring. In addition, sediment samples will be collected in Roberts Bay and Roberts Lake to determine the present concentrations of metals and organic contaminants. The collected data will be incorporated into our project description as part of the environmental impact assessment and permitting process.

**TERMS & CONDITIONS:**

The holder of the license will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and by the Department of Culture . Language. Elders and Youth archeological sites terms and conditions.

**THE STUDY WILL BE CONDUCTED AT:** Little Roberts Lake, Roberts Lake and Roberts Bay, NU

**BETWEEN:** May 15, 2001 - September 30, 2001.

Mary Ellen Thomas  
Manager, Research Liaison

---

# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NT X0A 0H0 phone: (867) 979-4108 fax: (867) 979-4681 e-mail: [slcnri@nunanet.com](mailto:slcnri@nunanet.com)

---

## DISTRIBUTION:

Environmental Assessment Screener, NIRB  
Lands Administrator, Kitikmeot Inuit Association  
Executive Director, NWB  
Director of Wildlife Managemnet. NWMB  
Mayor/SOA, Bathurst Inlet  
Mayor/SAO, Umingmaktok  
Mayor/SAO, Taloyoak  
Chairperson HTO, Bathurst Inlet  
Chairperson HTO. Umingmaktok  
Chairperson HTO, Taloyoak  
Area Manager, DFO  
Nunavut Planning Commission

**SCIENTIFIC RESEARCH LICENCE**

LICENCE # 0400401N-A

ISSUED TO: Gary Ash  
R.L. & L. Environmental Services Ltd.  
17312-106 Avenue  
Edmonton, Alberta  
T5S 1H9 Canada

TEAM MEMBERS: J. Campbell; R. Stack; and local assistants

AFFILIATION: R.L. & L. Environmental Services Ltd.

TITLE: Hope Bay Aquatic Investigations

OBJECTIVES OF RESEARCH:

The Hope Bay Joint Venture plan to carry out additional baseline investigations during the 2001 field program. The program is considered to be an extension of the work done in 2000 and the data collected is required to fill in some 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 2001 program will focus on the Roberts Bay, Little Roberts Lake and Roberts Lake area. The study program 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 spring and fall field surveys, focusing on Arctic grayling spawning locations and Arctic char migration patterns in and out of Roberts Lake. Tissue samples will be collected from approximately 60 fish (30 Arctic char and 30 lake trout) and analyzed for metal concentrations. Where possible, fish tagging will be undertaken to enable longer term monitoring. In addition, sediment samples will be collected in Roberts Bay and Roberts Lake to determine the present concentrations of metals and organic contaminants. The collected data will be incorporated into our project description as part of the environmental impact assessment and permitting process.

**TERMS & CONDITIONS:**

The holder of the license will be bound by the terms and conditions of the Nunavut impact review Board Screening Decision Report and by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions.

**DATA COLLECTION IN NU:**

DATES: May 15, 2001-September 30, 2001

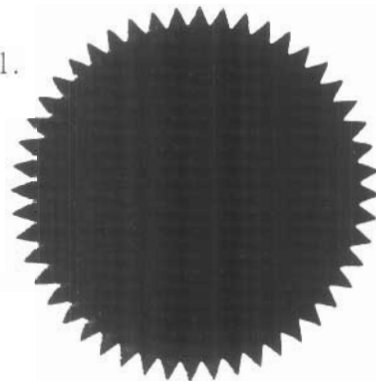
LOCATION: Little Roberts Lake, Roberts Lake and Roberts Bay, NU

Scientific Research Licence 0400401N-A expires on December 31, 2001.

Issued at Iqaluit, NU on April 24, 2001.



Bruce Rigby  
Science Advisor



April 24, 2001

Gary Ash  
R.L. & L. Environmental Services Ltd.  
17312-106 Avenue  
Edmonton, Alberta  
T5S 1H9 Canada  
780-483-1574

**RE: 2001 Science Research Licence**

Please find enclosed your 2001 Research Licence No. **0400401N-A** which was prepared under the *NUNAVUT SCIENTISTS ACT*. Should you require further support from either of NRI's Research Centres, please contact the Centre Managers to discuss your research needs.

Consistent with the Scientists Act, researchers issued licences must submit to NRI an *Annual Summary Report* of their research. Upon completion of your field work in the Nunavut, please ensure that you submit a 500-1000 word non-technical *Annual Summary* of your research activities and findings within one year from the date of licence issue, or with any new project application, whichever is earlier. To ensure maximum accessibility of your research results to Nunavut residents, we require that you provide us with an Inuktitut translation of your *Annual Summary Report*. A list of translators is available from the Nunavut Research Institute upon request. We also require a copy of your *Final Report* and would appreciate copies of papers that you publish. 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,

Mary Ellen Thomas  
Manager, Research Liaison



ᓄᓇᑦ ᐱᕈᕋᕆᓂᑦᐅᑦ ᑲᑎᐱᑦ/NUNAVUT IMPACT REVIEW BOARD/NUNAVUTMI KANOGILIVALLIANIKOT ELITTOHAIEOPLOTIK KATIMAYIIT

## SCREENING DECISION

April 18, 2001

Hon. Peter Kattuk  
Minister of Culture, Language, Elders & Youths  
Iqaluit, NU X0A 0H0

Dear Minister:

RE: Screening Decision on a research application for  
NIRB #: 01YN029      NRI  
Hope Bay Aquatic Investigations (Hope Bay Joint Venture)

**Authority:**

Section 12.4.4 of the Nunavut Land Claim Agreement states:

Upon receipt of a project proposal, NIRB shall screen the proposal and indicate to the Minister in writing that:

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns, which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

### Primary Objectives:

The primary objectives of the Nunavut Land Claims Agreement is referenced in the screening section 12.4.4 (a) are set out in section 12.2.5 of the Land Claims Agreement. This section reads:

In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well being of the residents of Canada outside the Nunavut Settlement Area.

The decision of the Board in this case is 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

**Reasons for Decision:**

NIRB's decision is based on specific considerations that reflect the primary objectives of the Land Claims Agreement. Our considerations in making this decision included:

- the impact and disturbance to wildlife and wildlife habitat;
- the impact and disposal of any garbage and wastes;
- the impact to terrain and archeological sites in the area, and
- community support for the project

**Terms and Conditions:**

- That the terms and conditions attached to this screening report will apply.

**Waste**

1. The Permittee shall ensure that the land use area is kept clean and tidy at all time.
2. The Permittee shall use a "pack-it-in, pack-it-out" policy and ensure that all wastes and debris generated through the course of the operation are removed and adequately disposed of in an approved dumpsite.
3. The Permittee shall ensure that no substances, including any chemicals, fuels or wastes associated with the project are deposited into marine environment or any other water body.

**Wildlife**

4. The harmful alteration, disruption or destruction of fish habitat is prohibited under the Fisheries Act.
5. The Permittee shall incinerate any dead fish not used for samples to avoid becoming a wildlife attraction source.
6. The Permittee shall ensure that there is minimal disturbance to any nesting birds and wildlife in the area.
7. The Permittee shall ensure that there is no damage to wildlife habitat in conducting this research.
8. The Permittee shall ensure that aircraft pilots adhere to recommended flight altitudes of greater than 300m above ground level as to not disturb wildlife. Aircraft should avoid concentrations of caribou and nesting or molting waterfowl at all times.

**Environmental**

9. The Permittee shall use the existing camp facilities and infrastructure set up in the Hope Bay Belt Area.
10. The Permittee shall not store materials on the surface ice of lakes or streams.
11. The Permittee shall remove all equipment, including garbage and fuel, upon abandonment.

### Archaeological Sites

12. The Permittee shall follow all terms and conditions for the protection and restoration of archaeological resources as outlined by the Department of Culture, Language, Elders and Youths (CLEY) in attached letter.

### Other Recommendations

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible, and to continue consulting with local residents regarding their activities in the region.
2. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.

### Validity of Land Claims Agreement

#### Section 2.12.2

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or conflict.

Dated April 20/01 at Whale Cove, NT

  
Elizabeth Copland, Chairperson

Mar-21-01 11:01am From-Culture Language, Elders & Youth Iqaluit +86798755504



ᐃᓕᐱᓂᓐᓂᓐ

Department of  
Culture, Language, Elders & Youth

Pitohilikioni

Ministère du gouvernement  
Culture Langues, Aînés et Jeunesse

Culture and Heritage Division

March 21, 2001

Gladys Joudrey  
Environmental Assessment Screener  
Nunavut Impact Review Board  
Box 2379  
Cambridge Bay, NU X0E 0C0

**Re: Land Use Application NIRE 01YN029; Hope Bay Aquatic Investigations (Hope Bay Joint Venture)**

Due Date: April 11, 2001

Dear Ms. Joudrey:

At your request, the Department of Culture and Heritage, Government of Nunavut, has reviewed the above-noted application. Our recommendations follow.

We recommend approval of the above-cited application, on the condition that the proponent's activities avoid the known archaeological site(s) listed in Attachment #1. The information contained in Attachment #1 is provided solely for the purpose of the proponent's land use activities as described in the land use application, and must otherwise be treated confidentially by the proponent.

The attached conditions specify plans and methods of site protection and restoration to be followed by the permittee if an archaeological site is encountered or disturbed in the course of the land use activity.

Sincerely,

  
Leah Olak, Director  
Culture and Heritage  
Department of Culture, Language, Elders and Youth

Encl.



## ARCHAEOLOGICAL RESOURCES: TERMS AND CONDITIONS

### BACKGROUND

- I. The archaeological record of the Inuit of Nunavut is a record of Inuit use and occupancy of lands and resources through time. The evidence associated with their use and occupancy represents a cultural, historical, and ethnographic heritage of Inuit society and, as such, Government recognizes that Inuit have a special relationship with such evidence, which shall be expressed in terms of special rights and responsibilities.

The archaeological record of Nunavut is of spiritual, cultural, religious and educational importance to Inuit. Accordingly, the identification, protection, and conservation of archaeological sites and specimens and the interpretation of the archaeological record is of primary importance to Inuit and their involvement is both desirable and necessary.

In recognition of the cultural, spiritual and religious importance of certain areas in Nunavut to Inuit, Inuit have special rights and interests in these areas as defined by Article 33 of the Nunavut Land Claim Agreement.

- II. "Archaeological site" means a site or work within Nunavut of archaeological ethnographical or historical importance, interest or significance, or a place where an archaeological specimen is found, and includes explorer's cairns.

"Archaeological specimen" means an object or specimen found in an archaeological site of archaeological ethnographical or historical importance, interest or significance, or a place where an archaeological specimen is found, and includes explorer's documents.

- III. Any new Terms and Conditions raising issues found in ss. 10 and 16 of the Territorial Land Use Regulations should duplicate statutory sections, or be stricter, but not more lenient in terms of protection of archaeological resources.

- IV.
  1. The permittee shall not operate any vehicle over a known or suspected archaeological site.
  2. The permittee shall not remove, disturb or displace any archaeological specimen or site.
  3. The permittee shall contact the Department of Culture, Language, Elders and Youth (867-975-5500) and DIAND officials should an archaeological site or specimen be encountered or disturbed by any land use activity.
  4. The permittee shall immediately cease any activity which disturbs an archaeological or historical site, encountered during the course of a land use operation, until permitted to proceed with the authorization of the Department of Culture, Language, Elders and Youth, Government of Nunavut, Iqaluit.
  5. The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in restoring disturbed archaeological sites to an acceptable condition.
  6. The permittee shall provide information to the Department of Culture, Language, Elders and Youth about each archaeological site or specimen encountered by any land use activity, by completing the attached form.
  7. The permittee shall make best efforts to ensure that all persons working under authority of the permit are aware of these conditions concerning archaeological sites and specimens.
  8. The permittee shall avoid the known archaeological sites as listed in Attachment #1

9. The permittee shall have an archaeologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth: survey, inventory and documentation of the archaeological and historical resources of the land use area; assessment of potential for damage to archaeological sites; mitigation; marking boundaries of archaeological sites for avoidance; restoration. The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit all procedures subsumed under the above operations.