

[illegible]
$$L\sigma L\sigma \triangleright^< \triangleleft^{\circ} \rho \triangleright L\sigma^{\circ} L$$
[illegible][illegible][illegible][illegible][illegible][illegible]

- [illegible]

- [illegible]

Δορυλίδης

- [illegible]

[illegible][illegible]

[illegible]

NIRB Project Number	Project Title	Project Type
<i>Proposed Developments – undergoing assessment</i>		
n/a		
<i>Present Projects – approved or in operation</i>		
19AN004	Bylot Island Multi-Day Hike	Tourism
19YN020	Impact of Melting Tidewater Glaciers on Marine Biogeochemical Cycles	Research
<i>Past Projects</i>		
18YN007	Climate – Terrestrial Biodiversity Investigation of Tundra Vegetation and Sediment of Lakes/Ponds along an Arctic Latitudinal Gradient	Research
18YN008	Spatially Distributed Modelling of Carbon, Water and Nutrient Fluxes for Arctic Community Source Water Catchment	Research
19AN033	Nirjutiqarvik National Wildlife Area Clean-Up	Site Cleanup/Remediation

ΔΗΛΩΣΗ ΤΗΣ ΔΕΟΧΤΕΛΑΪD ΕΠΙΔΕΞΗ

[illegible][illegible][illegible][illegible]

[illegible]

[illegible][illegible]

- [illegible]

ᐃᓚᑦᓴᑦ - ᐅᓄᑦᓴᑦ

- [illegible]

[illegible]

- [illegible]

[illegible]

↖ ↙ ↘ ↗ ↕

- በኢፕላን ምድር አስተዳደር**

- [illegible]

- [illegible]

መልካም ጥበቃ ስራዎች	ከግብርና ሚኒስቴር ጋር በተያያዘ የሚከናወኑ ስራዎች	የክልሉ የጥበቃ ሚኒስቴር ጋር በተያያዘ የሚከናወኑ ስራዎች (SARA)	ሌሎች የጥበቃ ስራዎች
የጥበቃ ስራዎች			
ጥሬ ጥሬ ስራ (Transverse Lady Beetle)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራዎች			
ጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
ጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
ጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
ጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
ጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
ጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራዎች			
የጥሬ ጥሬ ስራ (የጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (የጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራዎች			
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 1	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራዎች			
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ 3	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ
የጥሬ ጥሬ ስራ (ጥሬ ጥሬ ስራ)	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ	የጥሬ ጥሬ ስራ

[illegible]

INTRODUCTION

The Department of Culture and Heritage (CH) routinely reviews land use applications sent to the Nunavut Water Board, Nunavut Impact Review Board and the Indigenous and Northern Affairs Canada. These terms and conditions provide general direction to the permittee/proponent regarding the appropriate actions to be taken to ensure the permittee/proponent carries out its role in the protection of Nunavut's archaeological and palaeontological resources.

TERMS AND CONDITIONS

- 1) The permittee/proponent shall have a professional archaeologist and/or palaeontologist perform the following **Functions** associated with the **Types of Development** listed below or similar development activities:

	Types of Development (See Guidelines below)	Function (See Guidelines below)
a)	Large scale prospecting	Archaeological/Palaeontological Overview Assessment
b)	Diamond drilling for exploration or geotechnical purpose or planning of linear disturbances	Archaeological/Palaeontological Overview Assessment and/or Inventory and Documentation and/or Mitigation
c)	Construction of linear disturbances, Extractive disturbances, Impounding disturbances and other land disturbance activities	Archaeological/Palaeontological Overview Assessment and/or Inventory and Documentation and/or Mitigation

Note that the above-mentioned functions require either a Nunavut Archaeologist Permit or a Nunavut Palaeontologist Permit. CH is authorized by way of the *Nunavut and Archaeological and Palaeontological Site Regulations*⁴ to issue such permits.

- 2) The permittee/proponent shall not operate any vehicle over a known or suspected archaeological or palaeontological site.
- 3) The permittee/proponent shall not remove, disturb, or displace any archaeological artifact or site, or any fossil or palaeontological site.
- 4) The permittee/proponent shall immediately contact CH at (867) 934-2046 or (867) 975-5500 should an archaeological site or specimen, or a palaeontological site or fossil, be encountered or disturbed by any land use activity.
- 5) The permittee/proponent shall immediately cease any activity that disturbs an archaeological or palaeontological site encountered during the course of a land use operation until permitted to proceed with the authorization of CH.
- 6) The permittee/proponent shall follow the direction of CH in restoring disturbed archaeological or palaeontological sites to an acceptable condition. If these conditions are attached to either a Class A or B Permit under the Territorial Lands Act Indigenous and Northern Affairs Canada directions will also be followed.
- 7) The permittee/proponent shall provide all information requested by CH concerning all archaeological sites or artifacts and all palaeontological sites and fossils encountered in the course of any land use activity.
- 8) The permittee/proponent shall make best efforts to ensure that all persons working under its authority are aware of these conditions concerning archaeological sites and artifacts and palaeontological sites and fossils.
- 9) If a list of recorded archaeological and/or palaeontological sites is provided to the permittee/proponent by CH as part of the review of the land use application the permittee/proponent shall avoid the archaeological and/or palaeontological sites listed.
- 10) Should a list of recorded sites be provided to the permittee/proponent, the information 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.

Legal Framework

As stated in Article 33 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada* (Nunavut Agreement):

⁴P.C. 2001-1111 14 June, 2001

(Note: Partial document only, complete document at: www.ch.gov.nu.ca/en/Archaeology.aspx)

The following guidelines have been formulated to ensure that the impacts of proposed developments upon heritage resources are assessed and mitigated before ground surface altering activities occur. Heritage resources are defined as, but not limited to, archaeological and historical sites, burial grounds, palaeontological sites, historic buildings and cairns. Effective collaboration between the developer, the Department of Culture, and Heritage (CH), and the contract archaeologist(s) will ensure proper preservation of heritage resources in the Nunavut Territory. The roles of each are briefly described.

The primary regulatory agencies that CH provides information and assistance to are the Nunavut Impact Review Board, for development activities proposed for Inuit Owned Lands (as defined in Section 1.1.1 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*), and the Indigenous and Northern Affairs Canada, for development activities proposed for federal Crown Lands.

Through his or her active participation and supervision of the study, the contract archaeologist or palaeontologist is accountable for the quality of work undertaken and

indicate a very low or negligible heritage resource potential. Alternately, in the case of small-scale or linear developments, an inventory study may be recommended and obviate the need for a reconnaissance.

The main goal of a reconnaissance study is to provide baseline data for the verification of the presence of potential heritage resources, the determination of impacts to these resources, the generation of terms of reference for further studies and, if required, the advancement of preliminary mitigative and compensatory plans. The results of reconnaissance studies are primarily useful for the selection of alternatives and secondarily as a means of identifying impacts that must be mitigated after the final siting and design of the development project. Depending on the scope of the study, a Class 1 or Class 2 Permit is required for this type of investigation.

Inventory: A resource inventory is generally conducted at that stage in a project's development at which the geographical area(s) likely to sustain direct, indirect, and perceived impacts can be well defined. This requires systematic and intensive fieldwork to ascertain the effects of all possible and alternate construction components on heritage resources. All heritage sites must be recorded on Government of Nunavut Site Survey forms. Sufficient information must be amassed from field, library and archival components of the study to generate a predictive model of the heritage resource base that will:

- allow the identification of research and conservation opportunities;
- enable the developer to make planning decisions and recognize their likely effects on the known or predicted resources; and
- make the developer aware of the expenditures, which may be required for subsequent studies and mitigation. A Class 1 or 2 permit is required.

Assessment: At this stage, sufficient information concerning the numbers and locations of heritage resources will be available, as well as data to predict the forms and magnitude of impacts. Assessments provide information on the size, volume, complexity and content of a heritage resource, which is used to rank the values of different sites or site types given current archaeological knowledge. As this information will shape subsequent mitigation program(s), great care is necessary during this phase.

Mitigation: This refers to the amelioration of adverse impacts to heritage resources and involves the avoidance of impact through the redesign or relocation of a development or its components; the protection of the resource by constructing physical facilities; or, the scientific investigation and recovery of information from the resource by excavation or other method. The type(s) of appropriate mitigative measures are dictated by their viability in the context of the development project. Mitigation strategies must be developed in consultation with, and approved by, the Department of Culture and Heritage. It is important to note that mitigation activities should be initiated as far in advance of the construction of the development as possible.

Surveillance and monitoring: These may be required as part of the mitigation program.

Surveillance may be conducted during the construction phase of a project to ensure that the developer has complied with the recommendations.

Monitoring involves identification and inspection of residual and long-term impacts of a development (i.e. shoreline stability of a reservoir); or the use of impacts to disclose the presence of heritage resources, for example, the uncovering of buried sites during the construction of a pipeline.