

NIRB Application for Screening #125285

Before Igloolik: Exploring Iglulingmiut Settlement and Subsistence in the Early 20th Century

Application Type:	New
Project Type:	Scientific Research
Application Date:	3/2/2018 12:51:06 PM
Period of operation:	from 0001-01-01 to 0001-01-01
Proposed Authorization:	from 0001-01-01 to 0001-01-01
Project Proponent:	Sean Paul Alcide Desjardins Arctic Centre, University of Groningen Aweg 30 Groningen Groningen 9718 CW Netherlands Phone Number:: +31 06 29 31 81 01, Fax Number::

DETAILS

Non-technical project proposal description

English: Between late July and mid-August 2018, I will carry out a small research project on historic Inuit life at the now-abandoned historic village site Avvajja (NiHg-1), nearby to Igloodik. Based upon information I have gathered from local elders' accounts and historical records, it is clear Avvajja was one of the most important sites in the region immediately before the establishment of the modern community (Igloodik). Along with a small field crew of between one and three field assistants and an Inuk high-school student (who will be trained in mapping techniques and paid an honorarium), I hope to achieve the following at Avvajja: 1. On-site consultation with Iglulingmiut elders who have firsthand knowledge of life at the site; 2. Detailed mapping of the Inuit-built sod house features at the site, as well as the Tuniit houses located nearby; and 3. Limited archaeological testing of parts of the site identified by elders as places where animal bones and other food waste were deposited. The crew will travel to Avvajja by boat, and will maintain a small campsite for the duration of the project (approx. four weeks). No permanent structures will be erected; our impacts on the cultural heritage at the site and the land itself will be minimal. At every stage of the work—from the design of the project to interpretation of the results—I hope to involve Inuit in meaningful ways. I understand the deep connection many Iglulingmiut elders have to these recently occupied places, and I am interested in learning more about them through Inuit Qaujimagatuqangit. I believe promoting elders' knowledge of the site both within and beyond Nunavut, as well as learning more about hunting and diets at the site through scientific methods, would be greatly beneficial to Iglulingmiut.

French: N/A

[illegible]

Inuinnaqtun: N/A

Personnel

Personnel on site: 4

Days on site: 30

Total Person days: 120

Operations Phase: from 2018-07-23 to 2018-08-21

Activities

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Avvajja archaeological site location	Scientific/International Polar Year Research	Inuit Owned Surface Lands	The site has been occupied by Paleo-Inuit (Dorset) and recent-historic Neo-Inuit (ca. AD 1930-1950) groups.	The archaeological site Avvajja (NiHg-1) is comprised of both Paleo- and Neo-Inuit components.	Avvajja is situated approximately eight (8) kilometres northwest of the modern community of Igloolik.

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Igloolik	Mr. Celestino Urayak, Mayor	Municipality of Igloolik (hamlet office)	2018-01-12
Igloolik	Mr. George Qattalik, representative	Hunters and Trappers Association	2018-01-17

Authorizations

Indicate the areas in which the project is located

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Government of Nunavut, Department of Culture, Language, Elders, and Youth	Nunavut Archaeology Permit, Class II	Applied, Decision Pending		
Nunavut Research Institute	Social Science Research Permit	Applied, Decision Pending		
Qikiqtani Inuit Association	Access to IOL (exemption certificate)	Applied, Decision Pending		

Project transportation types

Transportation Type	Quantity	Proposed Use	Length of Use
Water	0	Travel to Avvajja by boat from Igloolik Island.	

Project accomodation types

Temporary Camp

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Information is not available			

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Gasoline	fuel	1	5	5	Gallons	Fueling a small generator.
Propane	fuel	5	25	125	Lbs	Fueling a camp stove

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0	All water used during the project will be transported by boat from Igloolik to the field site; no water will be taken from the local area.	Municipality of Igloolik

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Scientific/International Polar Year Research	Sewage (human waste)	Human waste from four individuals over 30 days.	A single camp toilet will be used. The relatively small amount of human waste produced will be buried.	N/A.

Environmental Impacts:

As archeologists, we are sensitive to any negative impacts on the integrity of the cultural and natural landscape. Sod and other ground cover will be set aside at the beginning of excavations, and will be returned to the surface after excavation and backfilling; the goal is to leave the landscape and any visible cultural materials as close to the state in which we found them as possible. As noted previously, our four-person field crew will produce a small amount of personal waste. The sewage will be buried. Potentially hazardous materials on site include propane, camp fuel, batteries and approximately five gallons of gasoline; the spill contingency plan will be reviewed with each member of the field crew prior to setting up camp. Any significant sightings of wildlife will be recorded and reported to the Igloolik Hunters and Trappers Association; however, no wildlife will be disturbed during the course of this field season, and all efforts will be made to reduce contact.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

Description of Existing Environment: Physical Environment

The project area is nearby to the coast on relatively well-elevated land consisting of sod and rocky outcroppings.

Description of Existing Environment: Biological Environment

Few large mammal species are present in the area, though birds are abundant. All sightings of wildlife will be documented and reported to the Igloodik Hunters and Trappers Association. No wildlife will be disturbed during the course of the project.

Description of Existing Environment: Socio-economic Environment

The project area features a prominent archaeological site, consisting of around 10 historic Inuit sod house features--the mapping of which will form the bulk of the project.

Identification of Impacts and Proposed Mitigation Measures

No significant impacts are anticipated. A spill contingency plan (for the small amounts of gasoline and propane on site) is appended to this application.

Cumulative Effects

There will be no significant lasting effects of this project.

Impacts

Identification of Environmental Impacts

Construction																								
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Operation																								
Scientific/International Polar Year Research		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-	-	-
Decommissioning																								
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(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)