



## 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 accommodation 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**

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