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

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$\Lambda \subset \mathbb{N} \triangleleft \mathbb{N}$

Scientific Research

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**Period of operation:** from 0001-01-01 to 0001-01-01

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ᐅᓂᑦ ᐱᕈᖃᓪᓗ ᐊᔭ-ᐃᕋᓪᓗ ᐃᕇᒃᑐᑦ 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 Igloolik. 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 (Igloolik). 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 Qaujimajatuqangit. 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.

▷ΔΑΠΟΔ<sup>c</sup>: N/A

[illegible]

Inuinnaqtun: N/A

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

$$\Lambda \subset \mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$
[illegible][illegible]

உரிமையாளர் அல்லது அங்கீகரிக்கப்பட்ட நபர்

$\epsilon \Delta^{\frac{1}{2}} r^C \wedge J^0_{\omega} d\dot{n} \wedge R^{ab} C D F L \checkmark^C$

### Project transportation types

Transportation Type	ᖃᕐᓯᐅᕐᕕᕐ	ᓴᓴᓴᕐ ᐱᓴᓴᓴᓴᓴᕐᓴᖃᕐ	Length of Use
Water	0	Travel to	

		Avvajja by boat from Igloodik Island.	
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### Project accomodation types

Temporary Camp

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Λ<sup>9</sup>D Δ<sup>6</sup>ΓΔ<sup>5</sup> ΔD<sup>5</sup>CΔσD<sup>4</sup>Δ<sup>5</sup> Δ<sup>5</sup>c<sup>7</sup>ΔDΠ<sup>3</sup>ΓC ΔjCΔ<sup>5</sup>, Γ<sup>5</sup><sub>ΔP</sub>Δ<sup>5</sup>, <sup>5</sup>b<sup>6</sup>LCj<sup>5</sup>b, με<sup>7</sup>D<sup>5</sup> Δ<sup>5</sup>Γ<sup>5</sup><sub>Δ</sub>

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Information is not available			

$\Pi \cap \Sigma \cap \Gamma = \emptyset$

[illegible]

$\Delta L^{\epsilon_b} \triangleleft \mathcal{D}^{\epsilon_b} \subset \mathcal{D} \triangleleft \dot{L}^{\epsilon_b} \subset \mathcal{D}^{\epsilon_b}$

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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

 $\triangleleft^b C d^c$ 
$$\Delta^b C d_c \sim \sigma \Delta^q \sigma^q$$

<b>Aḥnāṭ ḏalāl</b>	<b>Sabāḫ</b>	<b>Sabar ḏalāl</b>	<b>Saba</b>	<b>Salil Sabāḫ Sabāḫ ḏalāl</b>
Scientific/International Polar Year Research	Sabāḫ ḏalāl	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.

4907DC<sup>5</sup> 4<sup>b</sup>5<sup>b</sup>CD<sup>5</sup>7L<sup>5</sup>

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 Igloodik 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 11: Municipal Development

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

[illegible]

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.

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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.

உடையவர்களுக்கும் அருள்கூர்ந்து உதவி செய்து கொடுப்பதற்காக உமது அருளில் நம்பிக்கை வைத்துள்ளோம்.

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

$\Delta^{5b}CD\sigma^{5b}r^C$ 
 $\Delta^{5b}CD\sigma^{5b}r^C$ 
 $\Delta^{5b}CD\sigma^{5b}r^C$

[illegible]
$$(P = \langle b \rangle \Delta^2 \cap \langle a \rangle^c, N = \langle b \rangle^b \vee \langle C \rangle \langle a \rangle^c \langle C \rangle^c, M = \langle b \rangle^b \vee \langle C \rangle \langle a \rangle^b \langle C \rangle^c, U = \langle b \rangle^b \vee \langle C \rangle \langle a \rangle^b \langle C \rangle^c)$$