



## Hulilukkaarutit

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Inigiya	Hulilukkaarut Qanurittuq	Nunangga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannuqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaiiyainnit nuna
OffshoreAlert	Aerial surveys	Marine	no site history, on the ice off Alert	n/a	Near Quttinirpaaq National Park; no close community; nearest communities are Resolute Bay and Grise Fjord
OffshoreAlert	Sampling sites	Marine	no site history, on the ice off Alert	n/a	Near Quttinirpaaq National Park; no close community; nearest communities are Resolute Bay and Grise Fjord
OffshoreAlert	Baseline data	Marine	no site history, on the ice off Alert	n/a	Near Quttinirpaaq National Park; no close community; nearest communities are Resolute Bay and Grise Fjord

### Nunaliin Ilaayun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Qausuittuq	Nancy Amarualik / Philip Manik Sr	Resolute HTA	2017-12-21
Ausuittuq	Terry Noah	Iviq HTA	2017-12-20

## Angiuttauvaktunik

### Naunaiqlugu nunanga talvani havauhikhaq ittuq

#### Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Information is not available				

### Project transportation types

Transportation Type	Qaffiuyut	Qanuq Atuqtauniarmangaa	Length of Use
Air	0	for marine mammal surveys (30h Twin Otter flight in total)	
Water	0	on ice, by snowmobile, to sampling site	

### Project accomodation types

Temporary Camp

Alaanut,

## Ihuaqutivaluin Atuqtauyukhan

### Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
snowmobiles	3	regular	regular travel to-from sampling site - Alert
Twin Otter	1	regular	for marine mammal surveys (30 h total)
ice corer	2	9 cm diam	to collect sea ice cores
ice auger	1	8/10 in diam	to auger in the ice and collect water samples
weather haven tent	1	12 x 20	for temporary shelter on ice
generator	1	2.2	to power scientific equipment at station

### Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Propane	fuel	1	20	20	Lbs	for stove/heat in temporary shelter
Diesel	fuel	1	45	45	Gallons	for heat for temporary shelter
Gasoline	fuel	1	5	5	Gallons	for generator and snowmobiles

### Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
0	drinking water will be carried to the field station from Alert station	Alert station will provide drinking water

## Iqqakuq

### Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Researching	Ikulalaaqtun iqqakuuvaluin	negligible	combustible waste will be brought back and disposed of at Alert station	standard procedure at Alert station
Researching	Qimarivyaktuq imaq	negligible	grey water will be brought back and disposed of at Alert station	standard disposal procedure at Alert station
Researching	Anaagun (inuin anaaguin)	negligible	human waste will be brought back to Alert station for disposal	standard procedure at Alert station

### Avatiliriniqmut Ayurhauingit:

- aerial surveys are done offshore of Alert. We don't know the abundance of fauna in this region as the surveys will be the first in this region. Potential impacts of noise are minimized by carrying surveys at altitude to minimize noise while maintaining scientific relevance, and by minimizing survey time (and keep minimum acceptable coverage). - the region is far from communities, therefore there are no impacts for local hunters or communities - disturbance to the ice site is kept to minimum. We do not stay on the ice for long periods,

only for day trips. All equipment is removed after field program, all waste is brought back to Alert. - potential impact of noise/disturbance to fauna at sampling site. We don't know the abundance of fauna and their use of the site. Noise will be kept to minimum by using augers and generator for only short periods. - Disturbance to the ice is kept to minimum by putting back ice core sections in ice holes after finishing coring. Ice refreezes within a few hours/days after sampling. - Potential impact of noise during transit to /from ice by snowmobile is minimized by travelling in group (travel once rather than many trips by different people)

**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**

**Qanurittuq Ittunik Avatinga: Avatingalluanga**

**Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga**

**Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga**

**Naunaiyainiq ukuninga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit**

**Tamatkiumayunik Ihuikgutivaktunik**

**Impacts**

**Ilitariyauniq Avatiliriniqmut Ayurhauingit**

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<b>Havakvinga</b>																				
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<b>Aulapkaininnga</b>																				
Sampling sites		-	-	-	-	-	-	-	-	-	-	-	N		-	-	-	-	-	-
<b>Piiqtauniq</b>																				
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(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)