



## **NIRB Uuktuutinga Ihivriughikhamut #125566**

### **Quarry pit**

**Uuktuutinga Qanurittuq:** New

**Havaap Qanurittunia:** Pits and Quarries

**Uuktuutinga Ublua:** 9/28/2020 1:30:05 PM

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

**Piumayaat Angirutinga:** from 0001-01-01 to 0001-01-01

**Havauhikhaq Ikayuqtinga:** Kelly Bergsma  
Hiku Projects  
P.O. Box 2051  
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Canada  
Hivayautit Nampanga:: (867)983-6385, Kayumiktukkut Nampanga::

# QANURITTUT

## Tukihiannaqtunik havaariyaumayumik uqauhiuyun

Qablunaatitut: We at HIKU Projects are looking to access to the Quarry at the Gravel Site, we would like to access is between West Arm and Gravel Pit. The site has been used in the past from Kitnuna. And the Quarry can be accessed by existing roads, and are looking to access 200x200 sq. meters and would access 1000 cubic meters for this season of 2020. And may require more in the upcoming seasons. What we are currently looking to access is Sand & Gravel. And would be going through N.I.R.B here in Cambridge Bay, if granted through your office.

Uiviititut: N/A

Inuktitut: N/A

Inuinnaqtun: Uvaptinngi HIKU Havaanut tukhiutiyugut Uyaraqtarnirnut Hiurangni hauvigiyumaviuta Akulailgumit, uvanngat akunngani uvanilu Akulailgumit. Hamna hiuraqtarviuvakhimayugut uvanngat Kitnuna-mit, una uyaraqtarvik atuqtauvakhuni apquhiuqtaagtut. Qiniqhimayugut hiuraqturumavluta 200x200 kikkainnaatigut miitastigut. Tukhiqtuguttauq 1000 avataatigut miitastigut ukiungani atuqtavut 2020mi. Aippaagunngurumiluuniit. Tadjia qiniqhimayavut hiurainnarnit uyarannuallu, tukhiutiyavut ukunanngat Nunavut Avatilikiyin Katimavianit hamani Iqaluktuuttiarmi naammagiyaupat havagviit.

## Personnel

Personnel on site: 2

Days on site: 20

Total Person days: 40

Operations Phase: from 2020-08-28 to 2021-10-27

Operations Phase: from 2020-08-30 to 2020-10-29

Closure Phase: from 2020-10-28 to 2021-05-28

Post-Closure Phase: from to

## Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
Towards Gravel Pit. Kitnuna's old yard area	Quarry/Borrow pit	Municipal	Kitnuna did work here in the past.	N/a	Cambridge Bay

## Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Ikaluktuttiak	Kevin Taylor	Hamlet of Cambridge Bay	2020-09-01

# Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Transboundary  
Kitikmeot

## Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Alaanut	Peter Scholz Nunavut Planning Commission	Active	2020-09-01	

## Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Land		

## Project accomodation types

Nunauyuq

# Ihuaqutivaluin Atuqtauyukhan

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

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Skid Steer Truck/ Trailer	1	?	Dig up gravel
Truck/Trailer	1	?	Hauling Gravel

## Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Diesel	fuel	1	200	200	Liters	slip tank in truck, sourced from Hamlet
hydraulic fluid	hazardous	2	50	100	Liters	in the machinery
Oil	hazardous	5	5	25	Liters	used in maintenance of machinery

## Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
0		

# Iqqakuq

## Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtitarnirutikhan piyutin
Quarry/Borrow pit	Ikulalimanngittun iqqakuuvaluin	2 garbage bags	in Hamlet of Cambridge Bay Landfill	n/a
Quarry/Borrow pit	Ikulalimanngittun iqqakuuvaluin	4 containers	at local collection point if any oil or hydraulic fluid needs to be changed	n/a

### Avatiliriniqmut Ayurhautingit:

small impact but will be mitigated by very experienced individual that has worked on many projects in Alberta working for companies in the oil patch. work will be completed to a high level of detail.

# **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**

get materials from a previously used quarry site.

### **Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga**

disturbed tundra

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

all local travel routes will be maintained open so people can access their cabins or travel through for hunting.

## **Miscellaneous Project Information**

### **Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit**

any garbage brought to site will be taken out and properly disposed of. spill kits will be available with the vehicle and equipment. all spills will be properly reported and cleaned up. all local regulations will be followed. wildlife will be watched for and avoided if and when required if materials sourced during spring.

### **Tamatkiumayunik Ihuikgutivaktunik**

limited cumulative effects as there is some work in the area by other local developers.



## Impacts

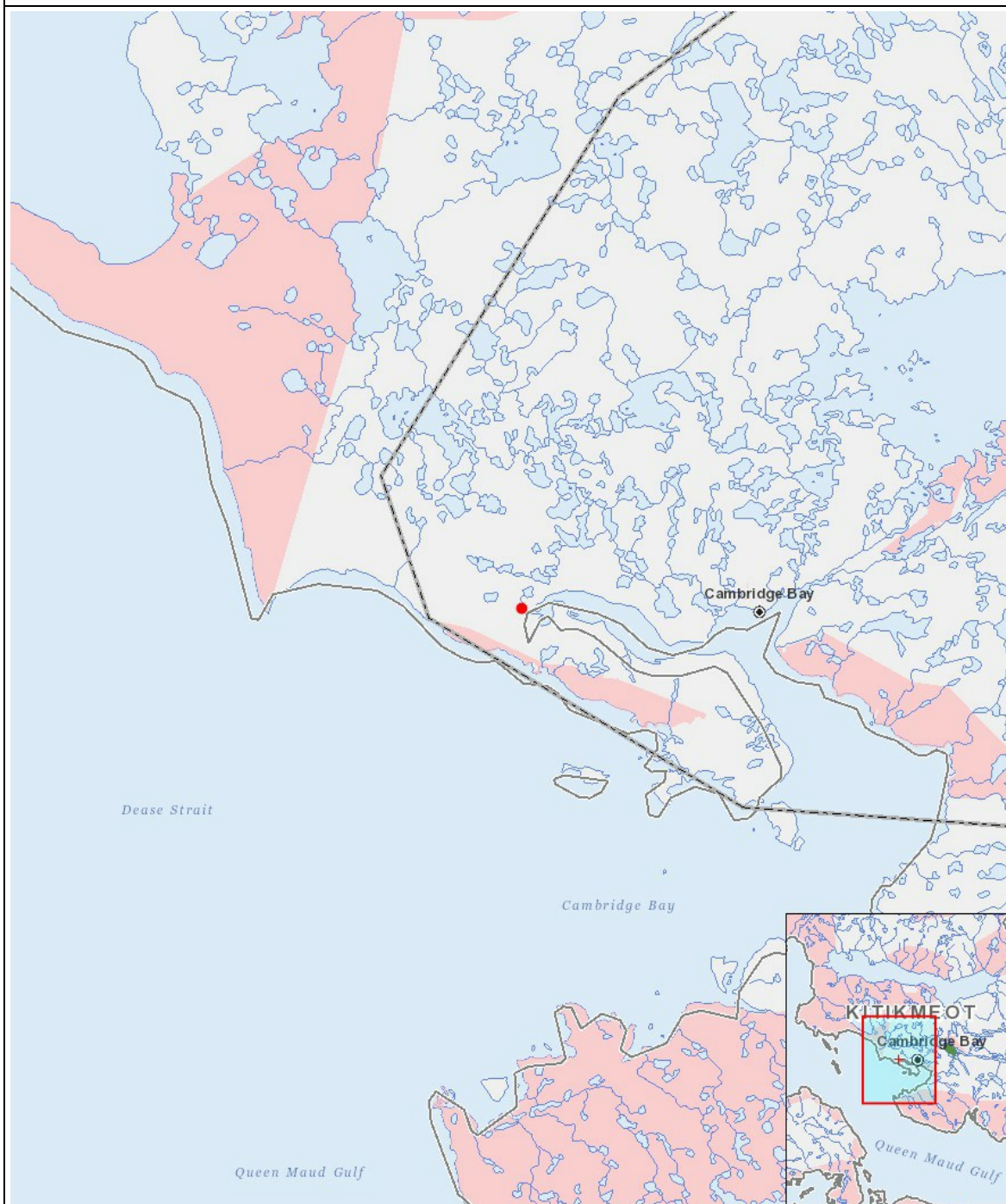
### Ilitariyauniq Avatiliriniqmut Ayurhautingit

		PHYSICAL																			BIOLOGICAL										SOCIO-ECONOMIC				
		Designated environmental areas																			Vegetation										Archaeological and cultural historic sites				
		Ground stability																			Wildlife, including habitat and migration patterns										Employment				
		Permafrost																			Birds, including habitat and migration patterns										Community wellness				
		Hydrology / Limnology																			Aquatic species, incl. habitat and migration/spawning										Community infrastructure				
		Water quality																			Wildlife protected areas										Human health				
		Climate conditions																			Vegetation										Employment				
		Eskers and other unique or fragile landscapes																			Wildlife, including habitat and migration patterns										Community wellness				
		Surface and bedrock geology																			Birds, including habitat and migration patterns										Community infrastructure				
		Sediment and soil quality																			Aquatic species, incl. habitat and migration/spawning										Human health				
		Tidal processes and bathymetry																			Wildlife protected areas										Community infrastructure				
		Air quality																			Vegetation										Employment				
		Noise levels																			Wildlife, including habitat and migration patterns										Community wellness				
		BIOLOGICAL																			SOCIO-ECONOMIC										Human health				
		Vegetation																			Archaeological and cultural historic sites										Community infrastructure				
		Wildlife, including habitat and migration patterns																			Employment										Human health				
		Birds, including habitat and migration patterns																			Community wellness										Human health				
		Aquatic species, incl. habitat and migration/spawning																			Community infrastructure										Human health				
		Wildlife protected areas																			Community infrastructure										Human health				
		SOCIO-ECONOMIC																			Community infrastructure										Human health				
		Archaeological and cultural historic sites																			Community infrastructure										Human health				
		Employment																			Community infrastructure										Human health				
		Community wellness																			Community infrastructure										Human health				
		Community infrastructure																			Community infrastructure										Human health				
		Human health																			Community infrastructure										Human health				

Havakvinga																									
Quarry/Borrow pit		-	M	N	-	M	N	-	N	M	-	M	M		M	M	M	-	-		M	P	P	P	P
Aulapkaininnga																									
Quarry/Borrow pit		-	M	N	-	M	N	-	N	M	-	M	M		M	M	M	-	-		M	P	P	P	P
Piiqtauniq																									
Quarry/Borrow pit		-	M	N	-	M	-	-	N	M	-	-	-		P	P	P	-	-		-	M	M	-	P

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

## Havaariyauyukhamut Nayugaa



### List of Project Geometries

- |   |         |   |
|---|---------|---|
| 1 | polygon | Towards Gravel Pit. Kitnuna's old yard area |
| 2 | point   | ?   |