



## **NIRB Uuktuutinga Ihivriughikhamut #125744**

### **EXTRACTION OF GRAVEL AND SAND DEPOSIT AT THE WATERFRONT**

**Uuktuutinga Qanurittuq:** New

**Havaap Qanurittunia:** Pits and Quarries

**Uuktuutinga Ublua:** 12/7/2022 4:48:47 PM

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

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

**Havauhikhaq Ikayuuqtinga:** Rita Sewornu  
Government of Nunavut - CGS  
P O Box 145  
Kinngait NU X0A0C0  
Canada  
Hivayautit Nampanga:: 8678973619, Kayumiktukkut Nampanga::

# QANURITTUT

## Tukihiannaqtunik havaariya uyumayumik uqauhiuyun

**Qablunaatitut:** This project is being proposed by the Municipal Corporation of the Hamlet of Pangnirtung. Temporal access to extract natural gravel and sand deposits in the Pangnirtung Fjord for winter road maintenance. Municipality of Pangnirtung could not stockpile sufficient gravel for winter road maintenance this year due to a damaged crusher. With the arrival of winter, municipal roads are covered with snow and have become slippery. As water and sewage are trucked, the delivery of these services to the resident has become a dangerous daily task since roads are not safe to drive on. To make roads safer for winter driving they need to spread fresh gravel over the slippery road surfaces. Municipality has identified natural gravel and sand deposits on the beach that they could extract to maintain the municipal roads this winter season. This site is located within the community, the site western boundary adjoins the Small Craft Harbour lot - Lot 775, Plan 4135. There is no known protected area that is close to the site. This is an emergency, and this application is for a temporal seasonal access from January 28, 2023, to June 30, 2023

Uiviititut: Ce projet est proposé par la Corporation municipale du Hameau de Pangnirtung. Accès temporaire pour extraire les dépôts naturels de gravier et de sable dans le fjord de Pangnirtung pour l'entretien hivernal des routes. La municipalité de Pangnirtung n'a pas pu stocker suffisamment de gravier pour l'entretien hivernal des routes cette année en raison d'un concasseur endommagé. Avec l'arrivée de l'hiver, les routes municipales sont recouvertes de neige et sont devenues glissantes. Comme l'eau et les égouts sont transportés par camion, la prestation de ces services aux résidents est devenue une tâche quotidienne dangereuse puisque les routes ne sont pas sécuritaires pour la conduite. Pour rendre les routes plus sûres pour la conduite hivernale, ils doivent étendre du gravier frais sur les surfaces glissantes de la route. La municipalité a identifié des dépôts naturels de gravier et de sable sur la plage qu'elle pourrait extraire pour entretenir les routes municipales cet hiver. Ce site est situé dans la communauté, la limite ouest du site jouxte le lot du port pour petits bateaux - lot 775, plan 4135. Il n'y a aucune zone protégée connue à proximité du site. Il s'agit d'une urgence, et cette application est pour un accès saisonnier temporaire du 28 janvier 2023 au 30 juin 2023

[illegible]

## Personnel

Personnel on site: 4

Days on site: 12

Total Person days: 48

Operations Phase: from 2023-01-28 to 2023-06-30

## Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
Sandbar	Quarry/Borrow pit	Crown	The site is the beach outside the Ordinary High Water Mark	Unknown	Within town

### Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Pangnirtuuq	Jamie Evic	Municipality of Pangnirtung	2022-11-15

# Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

South Baffin

## Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunaqaqqaahimayuliriyikkut Ukiuqtaqtumi Pivallianiq Kaanata	Quarrying Permit	Not Yet Applied		
Nunavut Imaligiyit Katimayit	License	Not Yet Applied		

## Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Land		

## Project accomodation types

Alaanut,

# Ihuaqutivaluin Atuqtauyukhan

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

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Excavator	1	3500mm x 3500mm	To extract gravel and sand
Loader Backhoe/Trader	1	3500mm x 3500mm	To load materials for transportation

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Gasoline	fuel	1	345	345	Metric Tons	To be used in the excavator and the loader

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	Halummaqtirarnirutikhan piyutin
Dredging	Ikulalimanngittun iqqakuuvaluin	1 ton	A bin will be placed on site to collect waste.	None

### Avatiliriniqmut Ayurhautingit:

The site will be used to extract sand and gravel deposits to be used for winter road maintenance in the community of Pangnirtung. Stockpiling of aggregate may occur. Depending on the exact location that material will be extracted from, dredging could occur in the small stream that runs through the area. Minor slumping may occur but will be levelled off in the summer. Care will be taken not to extract material from sections that could result in silting of the stream. No water will be used in this project and no waste will be dumped into any water source. The runoff from this site will be all natural material (dust,sand etc.) in which runoff of this material already occurs in nature. No plans for snow accumulation exist due to the fact that any changes in snow drifting in this area from extraction of aggregate will be minimal (if any)No fuel will be stored at this location so no official plan exists. In the unlikely event that a transportation vehicle's (dump truck/loader) fuel tank is punctured, the Municipality will call the NU 24-hour spill report line at (867) 920-8130 and immediately extract and remove the aggregate at the point of the spill. The contaminated soil will be relocated to the community land farm. The Municipality's contact information is as follows: ATTN: Will Gange, Municipality of Pangnirtung P.O. Box 253, Pangnirtung, NU X0C 0R0 PH: (867) 473-8953. Dust Control Measures - Extraction is happening during the winter, the production of dust will be greatly reduced. Reducing haul trips and limiting speeds on unpaved roads. Wetting material prior to processing or loading. Covering stock piles, conveyor belts, and loads in trucks. Locating stock piles in locations that limit their exposure to wind. Proper loading of trucks

# **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**

The quarry site is located at the water front and a small stream runs through the site. The site contain natural deposit of sand and gravel.

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

Unknown

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

the site is not located near any known archaeological and cultural historic sites. The extraction will assist the Hamlet to maintain roads during this winter water delivery and trucking of sewage.

## **Miscellaneous Project Information**

### **Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Iikliyuumiutinahuarutit**

The site contain natural deposit of gravel and sand. Stockpiling of aggregate may occur. Depending on the exact location that material will be extracted from, dredging could occur in the small stream that runs through the area. Minor slumping may occur but will be levelled off in the summer. Care will be taken not to extract material from sections that could result in silting of the stream. No water will be used in this project and no waste will be dumped into any water source. The runoff from this site will be all natural material (dust, sand etc.) in which runoff of this material already occurs in nature. No plans for snow accumulation exist due to the fact that any changes in snow drifting in this area from extraction of aggregate will be minimal (if any). No fuel will be stored at this location so no official plan exists. In the unlikely event that a transportation vehicle's (dump truck/loader) fuel tank is punctured, the Municipality will call the NU 24-hour spill report line at (867) 920-8130 and immediately extract and remove the aggregate at the point of the spill. The contaminated soil will be relocated to the community land farm. The Municipality's contact information is as follows: ATTN: Will Gange, Municipality of Pangnirtung P.O. Box 253, Pangnirtung, NU X0C 0R0 PH: (867) 473-8953. Dust Control Measures: Dust control Measures - Regular washing of extraction, processing and transport equipment. Reducing haul trips and limiting speeds on unpaved roads. Wetting material prior to processing or loading. Covering stock piles, conveyor belts, and loads in trucks. Locating stock piles in locations that limit their exposure to wind. proper loading of trucks. Avoid scheduling loading, unloading and blasting activities on a windy day. Re-vegetating disturbed areas as soon as possible to reduce erosion and minimize dust. Erosion Control Measures. An un-disturbed, vegetation buffer zone and sediment fence barrier will be maintained between the quarry and the ocean where possible; Progressive site stabilization will be implemented as soon as practically possible, and maintained at all times during the extraction. This is a temporal access and only about 140 cubic meters of material will be taken.

### **Tamatkiumayunik Ihuikgutivaktunik**



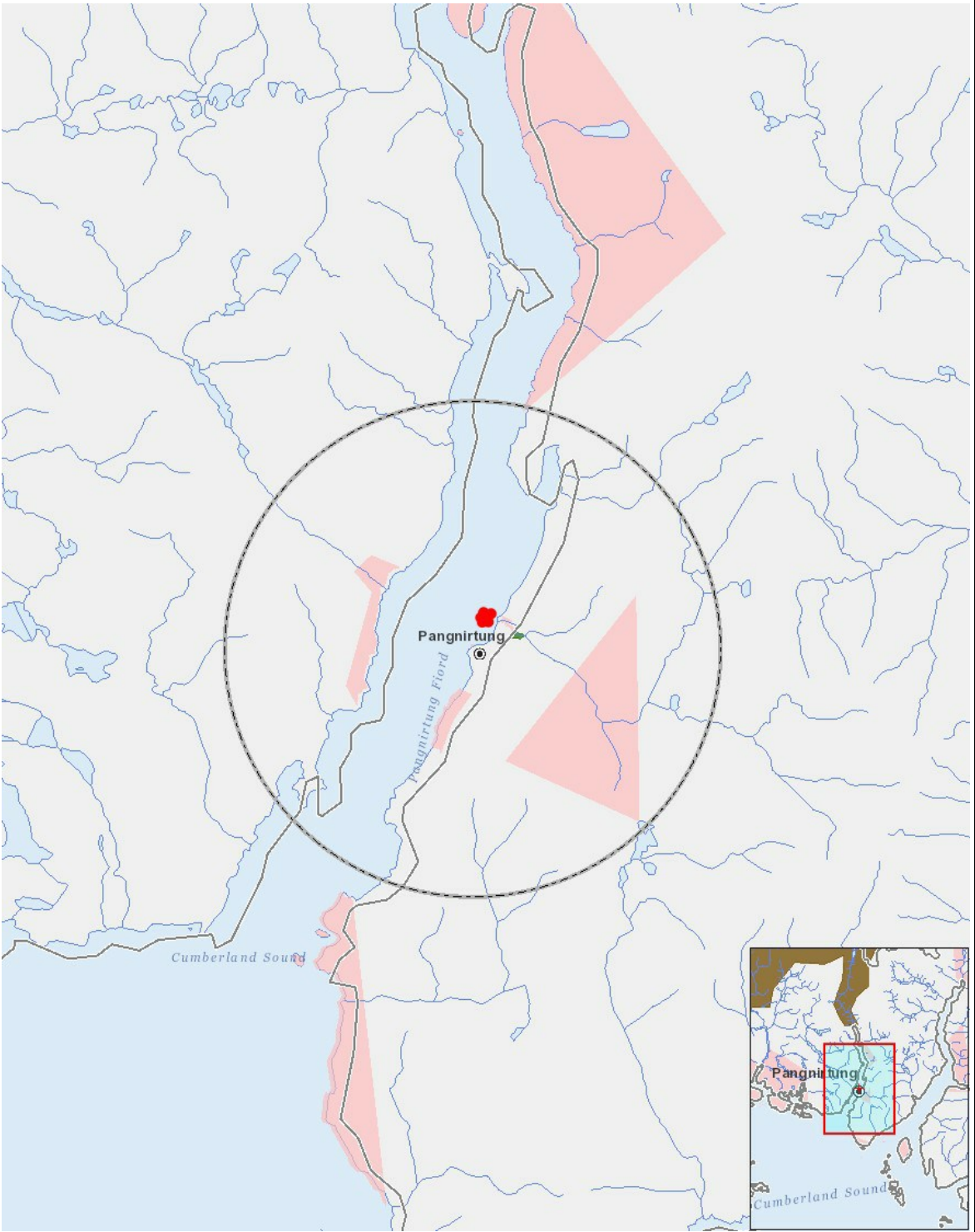


Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

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

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



List of Project Geometries

1	polyline	Sandbar
2	point	TP-2
3	point	TP-3
4	point	TP-2
5	point	TP-1
6	point	TP-5