

# Project Dashboard

Kugaaruk Quarry Sites (149594)

## Proposal Status: Conformity Determination Issued

### Project Overview

Type of application: **New**

Proponent name:	Danny Zita
Company:	Government of Nunavut

#### Schedule:

Start Date:	2021-08-01
End Date:	2031-08-01
Operation Type:	Annual

#### Project Description:

Kugaaruk Quarry Sites (Lots 264,267,269 and 270) are being explored by the Hamlet for the extraction of aggregate (fine gravel, sand etc..) to meet the construction demands of the community

#### Personnel:

Persons:	2
Days:	1500

### Project Map

List of all project geometries:

ID	Geometry	Location Name
7950	polygon	Lot 264 Plan 4689
7951	polygon	Lot 267 Plan 4689
7952	polygon	Lot 269 Plan 4689
7953	polygon	Lot 270 Plan 4689

#### Planning Regions:

Qikiqtani

#### Affected Areas and Land Types

Municipal

Settlement Area

### Project Land Use and Authorizations

#### Project Land Use

Pits and quarries

#### Licensing Agencies

NIRB: [Screening Decision Report](#)

GN-CGS: 0

#### Other Licensing Requirements

No data found.

### Material Use

#### Equipment

Type	Quantity	Size	Use
------	----------	------	-----

Loader	1	5.7m x 2.7m	excavate quarry material
Dump Truck	1	2.5mx3.4m	Haul quarry material
Water Truck	1	10 tons	Dust control

#### Fuel Use

Type	Container(s)	Capacity	UOM	Use
Gasoline	1	1	Liters	Fuel will be provided by the Hamlet's facilities and supplies. There will be no storage of fuel on site.

#### Hazardous Material and Chemical Use

Type	Container(s)	Capacity	UOM	Use
NA	1	0	Liters	There will be no storage of hazardous material on site.

#### Water Consumption

Daily Amount (m <sup>3</sup> )	Retrieval Method	Retrieval Location
0		

## Waste and Impacts

#### Environmental Impacts

Active creeks are not within the boundaries of the existing and proposed sites. Dust management will mitigate the effects of dust, silt, and fine sand. Excavation may expose underlying ice rich permafrost in surficial sand and gravel deposits. The Hamlet will manage drainage of pooling water by building ditches away from existing natural drainage and away from operation but within the boundaries of the site. There will be no discharge of water in the natural environment and into natural drainage paths. Vegetation will be removed from surface as the area will be excavated. Should an organic and root rich soil horizon be present, it will be stockpiled for use in reclamation of the pits.

#### Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
Overburden (organic soil,	100000	none	Dump trucks

waste  
material,  
tailings)