

Project Dashboard

Quarry sites KM 8,15,16,18,20 (149403)

Proposal Status: Conformity Determination Issued

- **Overview**
- Documents
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Project Overview

Type of application: **New**

Proponent name:	Randy Mercer
Company:	Government of Nunavut

Schedule:

Start Date:	2021-04-01
End Date:	2051-10-01
Operation Type:	Seasonal

Project Description:

Quarry sites KM 8,15,16,20 are newly proposed quarry sites located in Rankin Inlet. All sites are located on untitled Municipal land, which is administered by the Commissioner of Nunavut for the benefit of the local Municipality. This is newly proposed quarry site. Its located on untitled Municipal land and is north-west of the community of Rankin Inlet. There is road access to the site but upgrades to the road would be required for it to support larger vehicles such as dump trucks and loaders. At this time there is no currently approved extraction amount per year. The plan is it get the quarry approved as a whole and the Hamlet will authorize material to be taken out of the quarry on an as needed basis using quarry permits. Approved size of the quarries are shown in project map section. In-depth details regarding this project can be found in the attached documents.

Personnel:

Persons:	2
Days:	1800

Project Map

List of all project geometries:

ID	Geometry	Location Name
6693	polygon	KM8 boundary
6702	polygon	KM15 boundary
6709	polygon	KM16 boundary
6720	polygon	KM18 boundary
6727	polygon	KM20 boundary

Planning Regions:

Kitikmeot

Affected Areas and Land Types

Municipal

Settlement Area

Keewatin Planning Region

Project Land Use and Authorizations

Project Land Use

Pits and quarries

Licensing Agencies

CG&S: 0

NIRB: [Screening Decision Report](#)

Other Licensing Requirements

No data found.

Material Use

Equipment

Type	Quantity	Size	Use
CAT Loader	1	5.7m x 2.7m x 1.5m	excavate quarry material
Dump Truck	1	8m x 2.5m x 3.4m	haul quarry material
Track Excavator	1	10m(L) x 3.2m (H) x 3.2m (W)	excavate quarry material
Screener	1	14.2m(L) x 4m(H) x 4.9m (W)	Screen undesirable aggregate and large boulders

Fuel Use

Type	Container(s)	Capacity	UOM	Use
Diesel	1	535	Liters	fuel tank that attached to the CAT loader. Diesel will be taken from the community fuel station.
Diesel	1	567	Liters	fuel tank that attached to the Dump Truck. Diesel will be taken from the community fuel station.
Diesel	1	600	Liters	fuel tank that attached to the Track Excavator.

Diesel	1	276	Liters	<p>Diesel will be taken from the community fuel station. fuel tank that attached to the Screener.</p> <p>Diesel will be taken from the community fuel station.</p>
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Hazardous Material and Chemical Use

Type	Container(s)	Capacity	UOM	Use
No records found.				

Water Consumption

Daily Amount (m³)	Retrieval Method	Retrieval Location
194	Water is retrieved from the Rankin Inlet fill station located on lot 546 plan 2542. The water is pumped from the community drinking source known as Nippisar Lake to the fill station.	Rankin Inlet fill station located on lot 546 plan 2542. This used to spray roads

Waste and Impacts

Environmental Impacts

Environmental impacts and mitigation measures are outlined in the Dust Management, Spill Contingency and Quarry management plans attached to this application.

Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
No data found.			