



New

Pits and Quarries

ᐱᓕᓂᑦᐅᑭᑲᑯᑦ:

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[illegible]

Inuinnaqtun: Not applicable

Operations Phase: from 2020-04-01 to 2040-04-01

Λ ς η Δ η ζ Δ σ Δ ⁹⁶ Ϸ ϸ

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quarry boundary	Quarry/Borrow pit	Commissioners	This site has no prior use.	To the best of my knowledge there is no Archaeological or Paleontological value within or around the quarry boundary.	The quarry is located approximately 7.2 kilometres north from the Hamlet of Whale Cove. There are no known protected areas within or around the quarry

မေဇ်ပုံ၊ အညွှန်းတမ်းစာရင်း စာအုပ်၊ ဂန္ထဝင် ပုံနှိပ်မှုနှင့် အသံပြန်လည်ကူးခြင်း

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ᓂᓂᓂᓐᓴᓂᓐ	Jeani MacKenzie, Senior Administrative Officer	Hamlet of WHale Cove	2020-03-25
ᓴᓐᓴᓐᓴᓐᓴᓐ	Brian Duguay, Manager, Facilities Engineering	Government of Nunavut- Nunavut Airports Division	2020-03-24

[illegible]

$a^b r^c \Lambda c d e \Delta d f g^h i^j$ በበፍጋሮ:

Kivalliq

[illegible]

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Government of Nunavut, Community Government & Services	The quarry boundary is located on Untitled Municipal Land, which is administered by CGS. CGS is the applicant.	Active		
Hamlets and Municipalities	Once a legal survey is done for the quarry, ownership will be transferred to the Hamlet. Senior administrative officer gave consent to move forward with this application.	Active	2020-03-24	

Project transportation types

Transportation Type	How to Access	Length of Use
Land	An extra 500 metres of road length will be constructed to reach the quarry. Dump trucks and loaders will be used to extract quarry material	

Project accomodation types

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$\triangleleft^b C d^c$
$$\Delta^b C d_c \sim \sigma \Delta^q \sigma^q$$
[illegible]
$$A^{\circ} \cap \Gamma \triangleright C \dot{\circ}^C \supset^C \quad A^b \supset^{qb} C \triangleright \Gamma L \downarrow^C$$

The natural vegetation such as moss and other arctic plants on the surface will be destroyed due to the extraction process of the aggregate. After the quarry is depleted of usable aggregate, the edges of the quarry will be smoothed out to prevent steep inclines. The Vegetation will grow back over time. There are 4 small ponds located around the the quarry boundary. In order to minimize the disturbance, we will only extract aggregate within a reasonable distance from these ponds.

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

(see attached document named Whale Cove quarry site #4- environmental)

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 11: Municipal Development

[illegible]

(see attached document named Whale Cove quarry site #4- environmental)

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(see attached document named Whale Cove quarry site #4- environmental)

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(see attached document named Whale Cove quarry site #4- environmental)

Miscellaneous Project Information

(see attached document named Whale Cove quarry site #4- environmental)

[illegible]

Nothing else to add other than what was mentioned in the Impacts tab

Cumulative Effects

(see attached document named Whale Cove quarry site #4- environmental)

Impacts

$\mathbb{C} \rightarrow \mathbb{C} \Delta^{\mathfrak{b}} \mathbb{C} \rightarrow \sigma^{\mathfrak{a}} \mathfrak{r}^{\mathfrak{c}} \quad \mathbb{A} \mathbb{C} \cap \Gamma \rightarrow \mathbb{C} \mathfrak{c}^{\mathfrak{c}} \mathbb{D}^{\mathfrak{c}} \quad \mathbb{A}^{\mathfrak{b}} \mathbb{D}^{\mathfrak{b}} \mathbb{C} \rightarrow \mathfrak{L} \mathfrak{L}^{\mathfrak{c}}$

[illegible]
$$(P = \langle b \rangle \Delta_P \cap \langle a \rangle^\perp)^\perp, N = \langle b \rangle \Delta_P' \perp \langle D \rangle \langle a \rangle^\perp \perp \langle \langle D \rangle \Gamma' \perp \Gamma' \rangle^\perp \langle D \rangle \langle a \rangle^\perp \perp, M = \langle b \rangle \Delta_P' \perp \langle D \rangle \langle a \rangle^\perp \perp \langle \langle D \rangle \Gamma' \perp \Gamma' \rangle^\perp \langle D \rangle \langle a \rangle^\perp \perp, U = \langle b \rangle \Delta_P \perp \langle a \rangle^\perp \perp \langle \langle D \rangle \Gamma' \perp \Gamma' \rangle^\perp)$$

A detailed map of the Kivalliq region in Nunavut, Canada. The map displays land cover with various colors: light blue for water, white for ice/snow, and shades of orange and red for land. Key geographical features labeled include Mistake Bay, Wilson Bay, Whale Cove, Pistol Bay, and Hudson Bay. A dashed line outlines the Kivalliq region. An inset map in the bottom right corner shows the location of Kivalliq within the larger context of Nunavut, with a red box highlighting the area shown in the main map.

List of Project Geometries

1	quarry boundary
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