

[illegible]

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Personnel

Personnel on site: 4

Days on site: 21

Total Person days: 84

Operations Phase: from 2019-05-03 to 2019-08-04

$\Lambda \subset \mathbb{N} \triangleleft \mathbb{N} \hookrightarrow \Sigma \triangleleft^{\text{fb}} \mathcal{C}$

A	B	C	D	E	F
AFR Lake - Research and temporary camp location. No known archaeological sites in the area.	Camp	Crown	No one has visited this lake that we know of. It was covered by ice until about 10 years ago	None known	35 km from Pond Inlet
CF8 Lake - Research and temporary camp location. Visited in Aug. 2017. No known archaeological sites in the area.	Camp	Inuit Owned Surface Lands	We have visited this site previously in August of 2017 to collect a preliminary lake sediment sample.	None known	16 km from Clyde River

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ᑭᓪᑭᑦ ᑭᓪᑭᑦ	Charlie Inuarak, Mayor	Town Council	2019-02-11
Clyde River	Joshua Akavak	Ilisaqsivik	2018-11-14

[illegible]

$a^{\dagger}r_1^ab \wedge c_n d_n^e \Delta\sigma_1^{fb} \gamma^c$ በበፍጋሮ:

North Baffin

[illegible][illegible]

Project transportation types

Transportation Type	Transportation Mode	Length of Use
Air	PCSP Helicopter, Ken Borek Twin Otter	
Land	Walking, snowmobile, ATV	

Project accomodation types

Temporary Camp

◀▷↳◀⁹⁶▷⁹⁶

Λ⁹d^c d^ar^z^b d^jb^cdσd^yz^b Δ^cb^fdⁿω^rc ΔjCΔ^c, Γ^cωd^pñ^c, ^bb^eLcⁱ^b, με^rd^c d^r^br^cω

ᐃᓕᐱᓐ ᐱᓐᓂᐱᓐ ᐃᐱᐱᓐᓂᐱᓐᓂᐱᓐ ᓕᐱᓐᓂᐱᓐ	ᓕᐱᓐᓂᐱᓐ	ᐃᓕᐱᓐᓂᐱᓐ - ᐱᓐᓂᐱᓐ	ᐱᓐᓂᐱᓐ ᐃᐱᐱᓐᓂᐱᓐ
Lake sediment core system	1	1x3 m	This is a hand operated system that pushes a plastic pipe into the mud at the bottom of a lake to recover a continuous sample of lake mud about 7 cm in diameter. Most lakes have 1 to 2 m of mud in them,
Snowmobile	2	1x3 m	Transport team from Clyde River to lake CF8; two snowmobiles to remain in camp for emergencies
Ice Auger	1	0.2 by 2 m	Drill hole in lake ice
PCSP Helicopter	1	3 b 10 m	Transport team of 3 from Pond Inlet to lake AFR and return them to Pond Inlet at end of season. No other way to reach lake AFR

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ᐱᓇᑦ ᐅᖃᐳᕈᕋᒃ ᐸᔪᕆᐳᕐ ᐵᖃᐳᕈᕋᒃ ᐸᔪᕆᐳᕐ	ᖃᓄᐴᑐᓚᓂᐤᓗ ᐵᖃᐳᕈᕋᒃ ᐸᔪᕆᐳᕐ	ᖃᓕᐲᐤᓗ ᐵᖃᐳᕈᕋᒃ ᐸᔪᕆᐳᕐ	ᙯᖃᐤᓗ ᐴᓚᖃᓂᐲᕈᕋᒃ ᐸᔪᕆᐳᕐ	ᓂᐲᓄᑭ	ᙯᖃᐤᓗ ᐴᓚᖃᓂᐲᕈᕋᒃ	ᐱᓇᑦ ᐵᖃᐳᕈᕋᒃ ᐸᔪᕆᐳᕐ
None	hazardous	0	0	0	Gallons	none
Gasoline	fuel	10	1	10	Liters	Stove Fuel
Gasoline	fuel	4	5	20	Gallons	Fuel for snowmobiles and ice auger

$$\Delta L^{\epsilon_b} \quad \triangleleft \triangleright^{\epsilon_b} \quad C \triangleright \triangleleft \dot{L}^{\epsilon_b} \triangleright^{\epsilon_b}$$
[illegible]

$\triangleleft^b C d^c$
$$\Delta^b C d_{\sigma} \Delta^a \sigma^a$$
[illegible]

$\Delta^{\circ} \text{NFC}^{\circ} \text{C}^{\circ}$ $\Delta^{\circ} \text{C}^{\circ} \text{C}^{\circ} \text{D}^{\circ} \text{L}^{\circ} \text{C}^{\circ}$

We will camp in a tent and cook food on a coleman stove. All human waste will be more than 100m from the nearest water. We expect no measurable environmental impact.

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 11: Municipal Development

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AFR is a small lake (0.7 x 0.4 km) close to ice caps and 35 km from Pond Inlet. CF8 is also a small lake (0.3 x 0.2 km) located 16 km from Clyde River.

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Polar desert

[illegible]

None known

Miscellaneous Project Information

All our gear and all camp waste other than buried human waste will be taken out by helicopter (AFR lake) or snowmobile (CF8 lake)

[illegible]

No significant impacts

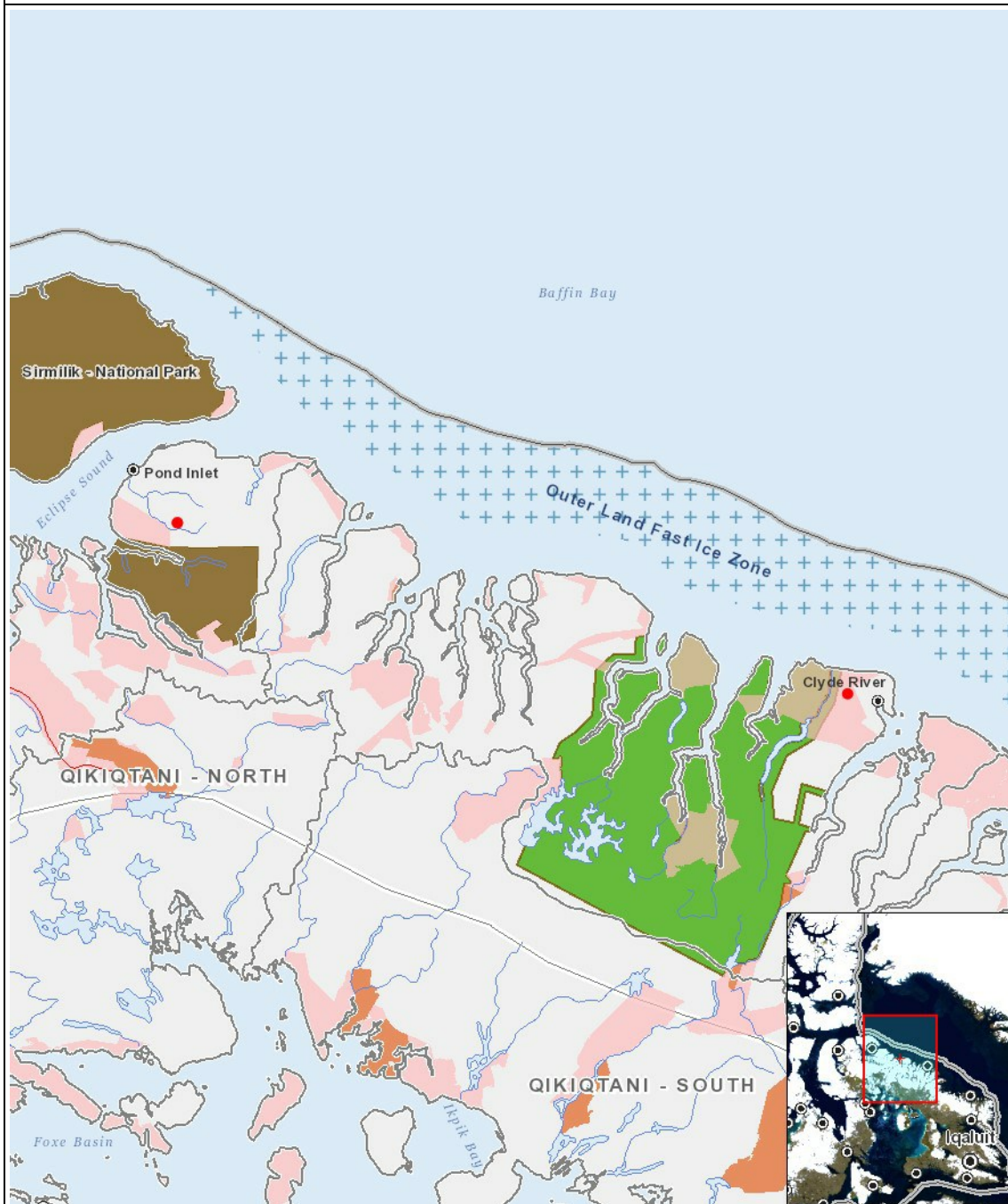
Cumulative Effects

No cumulative effects expected

Impacts

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

[illegible]
$$(P = \langle b \rangle \Delta_P \Gamma \Delta^a \Delta^b \rangle^C, N = \langle b \rangle \Delta^b \Gamma^b \Delta \langle \Delta \Delta^a \Delta^b \rangle^C \langle \Delta \Delta \Gamma^b \Delta^b \rangle^b \langle \Delta \Delta^a \Delta^b \Gamma^C \rangle^C \rhd, M = \langle b \rangle \Delta^b \Gamma^b \Delta \langle \Delta \Delta^a \Delta^b \rangle^C \langle \Delta \Delta \Gamma^b \Delta^b \rangle^b \langle \Delta \Delta^a \Delta^b \rangle^C \rhd, U = \langle b \rangle \Delta \Gamma \Delta^a \Delta^b \Gamma^C \rangle^b)$$



List of Project Geometries

- 1 point CF8 Lake - Research and temporary camp location. Visited in Aug. 2017. No known archaeological sites in the area.
- 2 point AFR Lake - Research and temporary camp location. No known archaeological sites in the area.
- 3 point New project geometry