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Mueller's Ice Cap ice core

ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ: New

ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ: Scientific Research

ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ: 1/13/2023 11:32:39 AM

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

ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ ᓄᓇᓂᓪ: from 0001-01-01 to 0001-01-01

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Diesel	fuel	30	205	6150	Liters	Power 12 kW generator for ice-core drilling. Approximately 2000 hours at 3 L/hr.
Estisol 140	hazardous	48	205	9840	Liters	This is a chemical, but is generally considered non-hazardous. It will be used as fluid to fill the drill hole.

ΔL^{5b} ΔD^{5b}CDΔL^{5b}Δ^{5b}

Δ ^c Δ C ^L ^{5b} ΔD ^{5b} CDΔ ^{5b} Δ ^{5b}	5b Δ ^{5b} ΔΓ ^{5b} C ^{5b} C ^{5b} Δ ^{5b} Δ ^c	Δ P ^c ΔΓ ^{5b} C ^{5b} C ^{5b} Δ ^{5b} Δ ^c
0	Drinking water will be obtained by melting hand-shoveled snow. We plan to collect ice-core samples and snow samples using ice-core drills (0.15 m3/day drinking water, 0.1 m3/day science samples).	Drinking-water snow will come from the surface of Muller Ice Cap. Scientific samples will be collected from the surface of the ice cap and from the subsurface.

example due to climate change destabilizing the ice cap. Risk of fuel spills will be mitigated through the use of berms for all drums, and sufficient spill kits for cleanup; we will fly out any contaminated cleanup materials. There will be some noise from aircraft, generators, and snowmobiles; we will mitigate these effects by eliminating extra flights, using small generators only when needed, and driving at low speeds. Negative impacts on polar bears will be mitigated by minimizing scents in camp and bring non-lethal deterrents in addition to firearms; we expect no other biological impacts. We hope for a positive economic impact by employing a community member for work in our camp during 2024.

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

study area was in 1962. We thus expect no cumulative impacts on the ground. The project will add a small number of flights to the cumulative aircraft operations in the area, but since the total number of flights is still small we expect the cumulative effect to be low. To the extent possible, we will maximize space on flights and minimize cargo so that there are no more aircraft movements than strictly necessary to complete the work.

