

$D^{\circ}b_{\infty}D^{\circ}n^{\circ}$: 61 3 9071 1847, $r^{\circ}b^{\circ}d^{\circ}$:

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$${}^{\epsilon}\mathfrak{b}_{\Delta}{}^{\zeta}\mathfrak{N}_{\sigma}{}^{\flat} \quad \wedge \text{ } \mathfrak{c}_{\mathfrak{z}} \mathfrak{d}^{\epsilon}\mathfrak{b}^{\epsilon}\sigma \mathfrak{d} \mathfrak{z} \mathfrak{d}^{\flat}\mathfrak{z}^{\flat}\sigma^{\flat}$$

^cبند د: See attached document

$\triangleright \Delta \dot{\Delta} \cap \mathcal{D}^c$: Not required

$\Delta \mathfrak{d}^b \cap \mathfrak{D}^c$: See attached document

Inuinnaqtun: See attached document

Personnel

Personnel on site: 60

Days on site: 1680

Total Person days: 100800

Operations Phase: from 2022-12-27 to 2029-12-26

Operations Phase: from 2022-12-27 to 2029-12-26

Closure Phase: from 2022-12-27 to 2029-12-26

Post-Closure Phase: from to

					Yellowknife
Exploration area	Mineral Exploration	Inuit Owned Surface Lands	Previously explored intermittently since the 1980's	Unknown	Approx 200 km to each Kugluktuk and Yellowknife
Exploration area	Waste disposal	Crown	Previously explored intermittently since the 1980's	Unknown	Approx 200 km to each Kugluktuk and Yellowknife
Exploration area	Waste disposal	Inuit Owned Surface Lands	Previously explored intermittently since the 1980's	Unknown	Approx 200 km to each Kugluktuk and Yellowknife
Historic exploration camp area	Camp	Crown	Historical camp location supporting drilling in 1980s and 1990s	Unknown	Approx 200 km to each Kugluktuk and Yellowknife
Historic esker landing strip	Airstrip use or construction	Crown	Landing area on esker adjacent to historic exploration camp used for fixed wing access	Unknown	Approx 200 km to each Kugluktuk and Yellowknife

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ᑦᐅᑦᑕᑦᑕᑦᑕ	Wynter Kuliktana, Tannis Bolt	KIA Lands	2022-09-22
ᑦᐅᑦᑕᑦᑕᑦᑕ	Wynter Kuliktana, Tannis Bolt	KIA Lands	2022-11-01
ᑦᐅᑦᑕᑦᑕᑦᑕ	Baba Pedersen	CIRNAC	2022-10-26
ᐃᑦᑕᐅᐱᑦᑕ	Tracey McCaie, Andrew Keim	CIRNAC	2022-10-26
ᑦᐅᑦᑕᑦᑕᑦᑕ	Baba Pedersen	CIRNAC	2022-10-31
ᐃᑦᑕᐅᐱᑦᑕ	Tracey McCaie, Andrew Keim	CIRNAC	2022-10-31
ᑦᐅᑦᑕᑦᑕᑦᑕ	Baba Pedersen	CIRNAC	2022-11-08
ᐃᑦᑕᐅᐱᑦᑕ	Tracey McCaie, Andrew Keim	CIRNAC	2022-11-08
ᑦᐅᑦᑕᑦᑕᑦᑕ	Kevin Methuen, Lisa LeClerc	GN-DOE	2022-11-10
ᑦᐅᑦᑕᑦᑕᑦᑕ	Kevin Methuen, Lisa LeClerc	GN-DOE	2022-11-10
ᐃᑦᑕᐅᑦᑕᑦᑕᐱᑦᑕ	Hugh MacIassac	GN-EDT	2022-11-02
ᐃᑦᑕᐅᑦᑕᑦᑕᐱᑦᑕ	Hugh MacIassac	GN-EDT	2022-11-03
ᐃᑦᑕᐅᐱᑦᑕ	Paul Budkewitch	GN-EDT	2022-10-27
ᑦᐅᑦᑕᑦᑕᑦᑕ	Amanda Dumond	Kugluktuk Angoniatit	2022-09-22

		Association	
ᑭᑭᑭᑭᑭᑭ	Kimberley Young	Hamlet of Kugluktuk	2022-11-01
ᑭᑭᑭᑭᑭᑭ	Karen Kharatyan	Nunavut Water Board	2022-11-01
ᑭᑭᑭᑭᑭᑭ	John and Mercie Kaodloak	Landusers	2022-11-01
ᑭᑭᑭᑭᑭᑭ	Paul Budkewitsch	GN-EDT	2022-11-03
ᑭᑭᑭᑭᑭᑭ	Amanada Dumond	Kugluktuk Angoniatit	2022-11-01

[illegible]

$a^{\dagger}r_4^a r^a \sigma^b$ $\Lambda_{\alpha} n_4 n^{\alpha} \Delta_D \sigma^c D^b c$ $n n s^c \omega^c:$

Kitikmeot

[illegible][illegible]

Project transportation types

Transportation Type	Transportation Mode	Length of Use
Air	Worker access and resupply by fixed wing, local work are access by helices site and work areas. Planned use of lakes (summer and winter) and adjacent historical esker strip for aircraft landing. Nearby regional airstrips (Lupin) may be used if available.	
Land	Possibly resupply by overland cat train from Tibbitt To Contwoyto Winter Road (if it is built) to main camp area	

Project accomodation types

Temporary Camp

◀▷↳◀⁹⁶▷⁹⁶

Λ⁹d^c d^ab^rz^s d^ab^cd^aσ^ad^az^s Δ^c_{ab}p^an^ao^ar^c ΔjCΔ^c, Γ^c→dPñ^c, s^buLc^js^b, μερ^ad^c d^ar^br^c→

ᐃᓕᓴᓴ ᐱᓴᑦ ᐃᑐᓴᐅᓂᐃᓴᑐᓴᓴ ᓴᓄᐃᑦᑐᓂᓴᓴ	ᓴᓴᑦᓯᐅᑦᑦ	ᐃᓕᓴᓂᓴᓴᑦ - >ᓴᓴᑐᓂᓴᓴᑦ	ᓴᓴᓴᑦ ᐃᑐᓴᐅᓂᐃᓴᓴ
Fixed wing aircraft	tbd	tbd	Access, camp and drill support
Drills	tbd	tbd	Exploration drilling
Helicopters	tbd	tbd	Access, drill support, airborne geophysics
Generators	tbd	tbd	power for camp and drills
Drone	tbd	tbd	Airborne geophysics, mapping
Water pump	tbd	tbd	Pump water for domestic and industrial use
Snowmobiles	tbd	tbd	Access
Snowcat	tbd	tbd	Camp and drill support
Watercraft	tbd	tbd	Access
Compressors	tbd	tbd	Camp and drill support
ATV	tbd	tbd	Access, camp support
Skidsteer	tbd	tbd	Camp support
Temporary tent camp	1	up to 60 persons	Main camp with hard floors, soft walls
Sloop or equivalent	various	tbd	Exploration support
Kubota	1	small	Winter access support
UTV	various	tbd	Winter access support
Ground geophysics instrumentation	various	tbd	Exploration
Temporary tent camp (Arctic oven style)	multiple	up to 6 persons	Small temporary camp for remote crews

$\Pi \cap \langle D^{\text{fb}} \rangle = \langle D^{\text{fb}} \rangle$

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Propane	fuel	20	100	2000	Lbs	Camp and drill fuel
Propane	fuel	10	50	500	Lbs	Camp fuel
Lubricants, greases	hazardous	36	5	180	Gallons	Equipment and drill maintenance
Drilling	hazardous	36	5	180	Gallons	Drill support

additives						
Salt	hazardous	500	50	25000	Lbs	Drill support
Owygen	hazardous	6	100	600	Lbs	Welding for equipment repair, first aid
Acetylene	hazardous	4	100	400	Lbs	Welding for equipment repair
Aviation fuel	fuel	200	205	41000	Liters	Aircraft fuel
Diesel	fuel	225	205	46125	Liters	Camp and equipment fuel
Gasoline	fuel	25	205	5125	Liters	Equipment fuel
Cement	hazardous	500	50	25000	Lbs	Drill support

ΔL^{9b} 4D^{9b}CD4L^{9b}9b

Δ ^c CL ^{9b} 4D ^{9b} CDσ4 ^{9b} 9b	9b ^{9b} ΔΓ ^{9b} C ^{9b} C ^{9b} σ4 ^{9b} < ^c	ΔP ^c ΔΓ ^{9b} C ^{9b} C ^{9b} σ4 ^{9b} < ^c
299	Pump with screened intake	Various lakes proximal to camp locations(s) and drills

$\triangleleft^b C d^c$
$$\Delta^b C d_C \sim \sigma \Delta^q \sigma^q$$
[illegible]

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

Gold

SECTION B2: Exploration Activity

The following exploration activity may occur over the life of the project: trenching; exploration drilling on land or over ice (diamond and/or rotary air-blast/reverse circulation); geophysical work (ground and air); soil sampling; core logging.

SECTION B3: Geosciences

Geophysical (ground and air) operations may include the following, or similar/related methodologies: magnetic; gravimetric; electromagnetic. Geological operations may include geological mapping. Activity locations, timing and flying are to be determined. Activities may occur throughout the study area.

SECTION B4: Drilling

Drill hole locations and depths are to be determined based on ongoing analysis of historic exploration activities, and results of new exploration activities. It is expected that drilling will be limited to the existing claim areas. Based on future prospecting results, claim boundaries may change in the future, however, it is reasonable to expect that drilling will occur in an area contiguous with that already delineated. Drill additives will be used where required, to the minimum extent possible. Additives vary depending on the nature of the ground encountered. Salt may be used, along with other non-toxic materials. Cuttings will be dewatered to the greatest extent possible and deposited in an adjacent upland sump. Drill water will be recirculated and reused to the greatest extent possible. Excess drill water will be deposited in an adjacent upland sump. Drill equipment will be mobilized by helicopter. Drill holes will be abandoned by cutting the drill stems off at ground level and backfilling any areas of subsidence around drill stems in such a manner as to prevent water accumulation.

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

The property is centred south of the informally named Esker Lake and includes a small lake in the eastern portion of the claim informally named Sheit Lake in past reports. Elevations on the property range from 390 m at Esker Lake to 430 m at the top of Brandon Hill. The Project is located within the Southern Arctic Ecozone and the Takijuk Lake Upland Ecoregion. Much of this region is composed of unvegetated rock outcrops. Organic Cryosols are the dominant soils in the lowlands and permafrost is deep and continuous. The area is characterized by very cold winters, brief cool summers and short fall and spring seasons. Climate data from the nearest weather station at the Lupin Mine, 145 km NE of the property, indicate that mean daily temperatures in the area vary from -30o C in January to +12o C in July and that average annual rainfall is 16.0 cm. The topography is gently undulating with sparse bedrock exposures. Lakes and some swamps cover much of the low lying areas.

The Project is located within the Southern Arctic Ecozone and the Takijug Lake Upland Ecoregion. Vegetative cover is characterized by shrub tundra, consisting of dwarf birch, willow, northern Labrador tea, avens species and blueberry species. Characteristic wildlife includes caribou (barren ground caribou of the Bathurst, Beverly and Ahlak herds), muskoxen, grizzly bear, wolverine, Arctic hare, Arctic fox, red fox and wolf. Small mammals (e.g., Arctic ground squirrel, voles, and lemmings) are distributed throughout the region and provide an important food source for predators. Many species of migratory birds are present in the area during the summer season, including waterfowl, raptors, songbirds, and shorebirds, while some bird species are present year-round (e.g., ptarmigan, gyrfalcon, and common raven). The Project is located within the Southern Arctic Ecozone and the Takijug Lake Upland Ecoregion. The Project also occurs within Area 1 of the Bathurst Caribou Range Planning Area, within the centre of habitation. Bathurst caribou may use the Project area all year, with highest use occurring for summer range.

The Project occurs within the Kitikmeot Region of Nunavut, predominantly on Crown Land; activities on and adjacent to one of the clam blocks occurs on an Inuit Owned Land (IOL) parcel. The Project also occurs within the Akaitcho Dene First Nations asserted territory, and is also situated within the boundary of the Mòwhì Gogha De Nìitlèè. The Project is located 424 km southeast of Kugluktuk, NU, 400 km northeast of Yellowknife, NT and 145 km east - southeast of the Lupin Mine on Contwoyto Lake and south-south west of the Back River Project. Hunting and traditional land use are understood to occur in the area .

Included with this application are the following: Project Description; Engagement Plan; Spill Response Plan; Closure and Reclamation Plan; Waste Management Plan; Environment and Heritage and Heritage Resources Protection Plan (including wildlife); photos of typical work planned.

See attached impact assessment

Potential effects have been assessed and are considered to be either Negative and Mitigable, or Positive, and as a result, there are no residual effects to be carried forward into a cumulative effects assessment. Further, it is understood that effects such as those to wildlife including sensory disturbance, habituation or attraction, and unintentional interactions may occur through execution of project activities or in combination with other activities that may have a spatial or temporal overlap with the project, such as non-project overflights or traditional land use. However, given the robust mitigation measures proposed and the temporary seasonal nature of the project activities, any cumulative effects that may arise are considered immeasurable and small, intermittent and short term.

Impacts

$\omega \rightarrow \omega \Delta^{\text{fb}} C D \sigma^{\text{fb}} \Gamma^{\text{C}}$ $\Delta \leftarrow \Pi \Gamma D C \dot{\sigma}^{\text{C}} \dot{D}^{\text{C}}$ $\Delta^{\text{b}} \dot{D}^{\text{fb}} C D \Gamma L \dot{\Gamma}^{\text{C}}$

[illegible]
$$(P = \langle b \rangle \Delta \langle P \cap \langle a \rangle^b \rangle^c, N = \langle b \rangle \Delta \langle P' \cup \langle D \rangle \langle a \rangle^b \rangle^c \langle \langle D \rangle \langle P' \rangle \rangle^b \langle \langle D \rangle \langle a \rangle^b \rangle^c \rangle, M = \langle b \rangle \Delta \langle P' \cup \langle D \rangle \langle a \rangle^b \rangle^c \langle \langle D \rangle \langle P' \rangle \rangle^b \langle \langle D \rangle \langle a \rangle^b \rangle^c \rangle, U = \langle b \rangle \Delta \langle \langle a \rangle^b \rangle^c \rangle)$$

1	polygon	Exploration area
2	polygon	Historic exploration camp area
3	point	Historic esker landing strip