

Days on site: 60

Total Person days: 1200

Operations Phase: from 2018-08-01 to 2025-08-01

Activities

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
New exploration areas	Mineral Exploration	Inuit Owned Surface Lands	New mineral exploration properties.	Area was visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological sites found. Additional field study will be conducted.	Whale Cove is the nearest community. The properties are located in the caribou protection area (KRLUP).
New exploration areas	Mineral Exploration	Crown	New mineral exploration properties.	Area was visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological sites found. Additional field study will be conducted.	Whale Cove is the nearest community.
Camp proposed	Camp	Crown	New mineral exploration properties.	Area was visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological sites found. Additional field study will be conducted.	Whale Cove is the nearest community.

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Whale Cove	Ian Copland	Hamlet of Whale Cove/ Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2017-10-11
Arviat	Bob Leonard	Hamlet of Arviat / Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-15
Whale Cove	Simon Sr. Enuapik	Issatik HTO/ Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-09
Whale Cove	Ian Copland	Hamlet of Whale Cove / Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-13

Authorizations

Indicate the areas in which the project is located

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Indigenous and Northern Affairs Canada	Land use permit for exploration activities and camp	Not Yet Applied		
Kivalliq Inuit Association	Land use licence for exploration activities	Not Yet Applied		
Nunavut Water Board	Water licence for exploration activities and camp	Not Yet Applied		

Project transportation types

Transportation Type	Quantity	Proposed Use	Length of Use
Air	0	Helicopter and otter	
Land	0	Dozer to move drill during winter season, tracked tractors to transport material and equipment during winter season, snowmobiles, atv.	

Project accomodation types

Temporary Camp

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Diamond drill	1	21500kg	Rock drilling
Plane Otter	1	2500kg	To transport material, equipment and workers
Mini excavator	1	1100kg	To obtain soil samples, to do small excavations around camp site
Dozer D6	1	21500kg	Move diamond drill during winter period
Rab drill	1	1500kg	To obtain rock samples
Helicopter	2	1500kg	To transport material, equipment and workers
Snowmobile	4	550kg	Work around camp site, transport workers
ATV	4	550kg	To work around camp site
Tracked tractors	3	20000kg	To transport material and equipment on authorized winter access.
Zoom boom	1	TBD	Material/equipment handling.

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	200	205	41000	Liters	Drilling, heating, electricity, equipment
Gasoline	fuel	20	205	4100	Liters	For small motors, ATV, snowmobiles
Diesel	fuel	4	600	2400	Liters	Drilling
Aviation fuel	fuel	200	205	41000	Liters	For helicopters and plane Otter
Grease	hazardous	50	25	1250	Liters	Equipment maintenance
Oil	hazardous	100	25	2500	Liters	Equipment maintenance
Diesel	fuel	4	6000	24000	Liters	Drilling
Glycol	hazardous	5	1000	5000	Liters	Equipment maintenance

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
299	By pumping	From proximal lakes, ponds and rivers

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Camp	Combustible wastes	7 tons/year	Incineration or transport	NA
Camp	Greywater	5m ³ /day	Disposed of in a natural depression located at	NA

			least at 31 meters from any water body	
Mineral Exploration	Hazardous waste	5 tons/years	Transport in southern facility	Recycling or safe disposal
Camp	Non-Combustible wastes	5 tons/year	Transport in southern facility	Recycling or safe disposal
Camp	Sewage (human waste)	2 tons/year	Incineration or storage and transport south for disposal	NA

Environmental Impacts:

Potential impacts on caribou will be limited by applying mitigation measures described in the Wildlife Protection and Response Plan and by the application of the authorizations conditions. Potential impacts on archaeological sites will be limited by an archaeologist field assessment and the respect of protection buffers during the activities. Potential impact related to hydrocarbon spills will be limited with the application of the Spill Contingency and Response Plan and the use of secondary containments. Potential impact on the water will be limited with the application of future water licence conditions and internal procedures..

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 I1: Municipal Development

Description of Existing Environment: Physical Environment

The mineral properties are located both, on IOL and Crown Land. The areas are located in vicinity of the Hudson Bay and include many water bodies .

Description of Existing Environment: Biological Environment

Complete assessment would be done should a future development (example mining) is planned.

Description of Existing Environment: Socio-economic Environment

The mineral properties are located in the area located between 20km to 70km of the Whale Cove community.

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Potential impacts on caribou will be reduced by applying mitigation measures described in the Wildlife Protection and Response Plan and by the application of the authorizations conditions. Potential impacts on archaeological sites will be limited by an archaeologist field assessment and the respect of protection buffers during the activities. Potential impact related to hydrocarbon spills will be limited with the application of the Spill Contingency and Response Plan and the use of secondary containments. Potential impact on the water will be limited with the application of future water licence conditions and internal procedures..

Cumulative Effects

The proposed activities are planned to be low scale at this time. Future development (example mining) would have to be assessed in an Environmental Impact Statement (EIS).

