





## Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
102811	Camp	Crown	Forum acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's Kiggivik Project near Aberdeen and Judge Sissons lakes. Activities will include examining drill core at the previous campsite occupied by Cameco on Aberdeen Lake and ground gravity surveys in the Tatiggaq and other potential drill target areas	unknown	The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.
102811	Drilling	Crown	Forum acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's Kiggivik Project near Aberdeen and Judge Sissons lakes. Activities will include examining drill core at the previous campsite occupied by Cameco on Aberdeen Lake and ground gravity surveys in the Tatiggaq and other potential drill target areas	unknown	The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.
102811	Drilling	Inuit Owned Surface Lands	Forum acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's	unknown	The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.

			Kiggivik Project near Aberdeen and Judge Sissons lakes. Activities will include examining drill core at the previous campsite occupied by Cameco on Aberdeen Lake and ground gravity surveys in the Tatiggaq and other potential drill target areas		
102811	Mineral Exploration	Crown	Forum acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's Kiggivik Project near Aberdeen and Judge Sissons lakes. Activities will include examining drill core at the previous campsite occupied by Cameco on Aberdeen Lake and ground gravity surveys in the Tatiggaq and other potential drill target areas	unknown	The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.
102811	Mineral Exploration	Inuit Owned Surface Lands	Forum acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's Kiggivik Project near Aberdeen and Judge Sissons lakes. Activities will include examining drill core at the previous campsite occupied by Cameco on Aberdeen Lake and ground gravity surveys in the Tatiggaq and other potential drill target areas	unknown	The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.

---

**Community Involvement & Regional Benefits**

<b>Community</b>	<b>Name</b>	<b>Organization</b>	<b>Date Contacted</b>
Baker Lake	Denise Lockett	Hamlet of Baker Lake (Mayor and SAO), HTO, KIA CLO, MLA	2022-04-25
Baker Lake	Denise Lockett	Hamlet of Baker Lake (Mayor and SAO), HTO, KIA CLO, MLA	2022-05-02
Baker Lake	Mayor Richard Akwasanee	Hamlet of Baker Lake	2022-05-02
Baker Lake	Denise Lockett	KIA CLO	2022-05-09
Baker Lake	Richard Mazur, Rebecca Hunter, Denise Lockett	Mayor and CEDO Baker Lake	2022-05-11
Baker Lake	Richard Aksawanee,	Hamlet of Baker Lake	2022-05-30

## Authorizations

Indicate the areas in which the project is located:

Kivalliq

### Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Aboriginal Affairs and Northern Development Canada	application for land use permit for camp on crown land and exploration activities including drilling	Applied, Decision Pending		
Kivalliq Inuit Association	application for land use license for camp on Inuit Owned Land and exploration activities including drilling	Applied, Decision Pending		
Nunavut Water Board	application for water license for water for camp use and drilling and for waste disposal	Not Yet Applied		

### Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	helicopter supported exploration and drilling	

### Project accomodation types

Temporary Camp

# Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
helicopters	1-2	B2 or B3	drill moves and transport crew and supplies
snowmobiles with sleds	1-2	Bravo or similar	build and winter re-supply use
ATV with trailers	1	600 cc or larger	one ATV and two trailers for camp servicing
Generators	1	30 kVa	back up power
Generator	1	50 kVa	primary power
Incinolet Toilets	5-6	240V models	human waste disposal
2 intake pump	2	Gas	camp water
2 submersible pump	2	electric	camp water
Waterfax fire pump and hoses	1	Standard	Dedicated fire system with fire hoses.
Honda generators	2	2200	Gas portable construction generators
Toyotomi stoves with fuel extension kits	24	L730	heating structures
oil drip stove	1	Standard	Heat option contingency and cold weather start up
Incinerator	1	dual chambered	waste disposal
fuel tanks	4-6	50,000 L double walled	Fuel storage
fuel transfer pumps with hose reels	2	explosion proof standard	fuel transfer
core saw with ventilation set up	1-2	Standard	cutting drill core
Snowcats	several	Standard	Overland equipment and fuel haul
Challengers and Deltas	several	Standard	Overland equipment and fuel haul (PEL)
heli-portable drills with pump shacks	3	17,700 lbs total	Drilling core
Aquatel water filtration and filters	1	Standard	water treatment for human consumption

## Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Aviation fuel	fuel	683	205	140015	Liters	helicopter fuel
Diesel	fuel	708	205	145140	Liters	drills/camp/
Gasoline	fuel	2	205	410	Liters	ATV's, snowmobiles, generators, pumps
Other	fuel	24	1	24	Liters	10W40 motor oil for ATV's, snowmobiles, generators, pumps
Other	fuel	20	5	100	Gallons	15W40 lubricant

Other	fuel	50	5	250	Gallons	Linseed oil for drill use
Propane	fuel	40	100	4000	Lbs	cooking
Other	fuel	10	2	20	Liters	engine coolant
Other	fuel	12	1	12	Liters	Diesel 911 diesel fuel treatment
Other	fuel	20	5	100	Gallons	hydraulic fluid for the drill
Other	fuel	150	5	750	Gallons	drilling mud
Other	fuel	750	50	37500	Lbs	drilling salt
Jet A	hazardous	683	205	140015	Liters	helicopter fuel
P-50 Diesel	hazardous	706	205	144730	Liters	drill/camp fuel
Gasoline	hazardous	2	205	410	Liters	ATV's, snowmobiles, generators, pump fuel
Motor Oil 10W40	hazardous	24	1	24	Liters	ATV's, snowmobiles, generators, pumps
Motor oil 15W40	hazardous	20	5	100	Gallons	lubricant
Linseed Oil	hazardous	50	5	250	Gallons	drill use
Propane	hazardous	40	100	4000	Lbs	cooking and heating
Pre-mixed engine coolant	hazardous	20	1	20	Liters	engine coolant
Diesel 911	hazardous	12	1	12	Liters	diesel fuel treatment
Hydraulic fluid	hazardous	20	5	100	Gallons	drill use
drilling mud	hazardous	150	5	750	Gallons	drill use
Calcium Chloride	hazardous	750	50	37500	Lbs	drilling salt

### Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
295	pump	local nearby water bodies

# Waste

## Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Mineral Exploration	Combustible wastes	unknown	incinerator	ash from the incinerator backhauled to an approved facility
Mineral Exploration	Greywater	unknown	disposed of in a sump and allowed to filter	grease trap to avoid solids
Mineral Exploration	Hazardous waste	unknown	Backhauled to an approved facility for proper disposal	disposal at an approved facility
Mineral Exploration	Non-Combustible wastes	unknown	any non-combustible waste will be collected and contained in a separate area in the camp	backhauled to an approved facility for disposal
Mineral Exploration	Sewage (human waste)	unknown	toilets incinerate human waste into clean ash	ash collected in sealed 45 gallon drums and backhauled to an approved facility for disposal

### Environmental Impacts:

Every effort will be made to return the exploration area to the condition it was found in, or better. Ground disturbance will be minimized and before and after photos of drill site will be taken and provided in the annual report to the Water Board. Impacts on wildlife will be minimized. A wildlife monitor will be contracted from the Hunters and Trappers Organization to provide wildlife timing advice as well, will have the authorization to halt exploration activities if wildlife are in the area. The company will abide by the terms and conditions of licenses and permits including the Caribou Mitigation Measures, and the KIA Mobile Mitigation Measures.

# **Additional Information**

## **SECTION A1: Project Info**

## **SECTION A2: Allweather Road**

## **SECTION A3: Winter Road**

## **SECTION B1: Project Info**

Forum Energy Metals is currently exploring for uranium in Saskatchewan and Nunavut.

## **SECTION B2: Exploration Activity**

Proposed exploration activities include examining historic core, geophysics, mapping, sampling and drilling.

## **SECTION B3: Geosciences**

Air and ground geophysics and magnetics could be undertaken as well as mapping and sampling in the project area.

## **SECTION B4: Drilling**

Drilling is planned.

## **SECTION B5: Stripping**

n/a

## **SECTION B6: Underground Activity**

n/a

## **SECTION B7: Waste Rock**

n.a

## **SECTION B8: Stockpiles**

n/a

## **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 project area including the temporary camp is away from designated caribou crossings.

### **Description of Existing Environment: Biological Environment**

The exploration area has many lakes supporting aquatic life. In addition, caribou, bears, and wolverine are in the area.

### **Description of Existing Environment: Socio-economic Environment**

Baker Lake has considerable experience with mineral exploration and mining. Agnico Eagle's Meadowbank Mine is nearing the end of its mine life, and jobs in exploration from the Forum Energy Metals Project may be able help transition skills and business opportunities.

### **Miscellaneous Project Information**

In person consultation is planned during the week of June 20 in Baker Lake involving Mayor/Hamlet Council, Hunters and Trappers, KIA CLARC as well as a public meeting.

### **Identification of Impacts and Proposed Mitigation Measures**

Forum Energy Metals Corp. has previously explored in the area and has a good reputation in the community. Forum looks forward to working closely with the community to maximum local employment and business opportunities and to

obtain advice on wildlife timing and mitigation measures.

**Cumulative Effects**

n/a

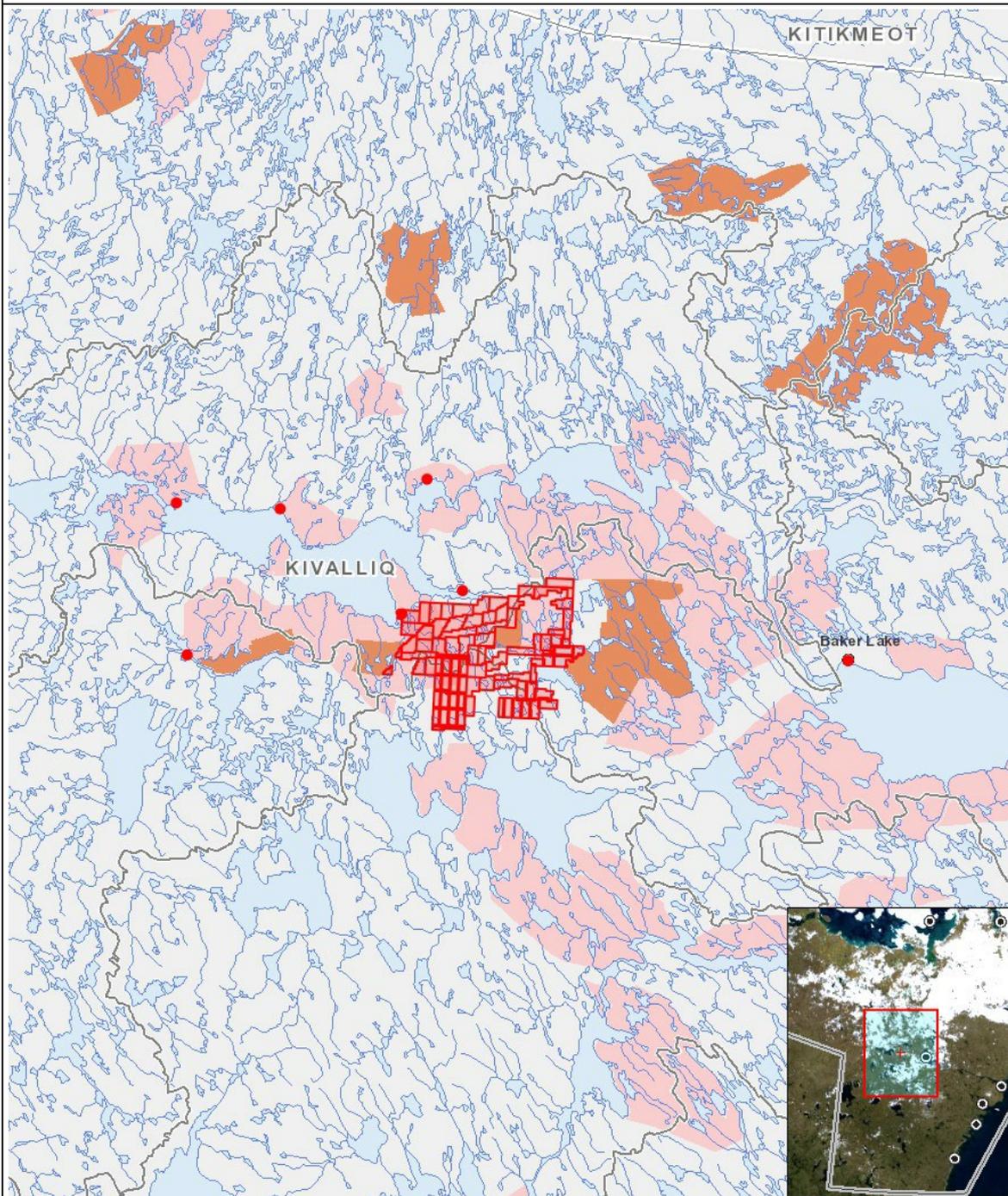
# Impacts

## Identification of Environmental Impacts

	PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
<b>Construction</b>																									
Camp	P	P	P	-	P	U	N	M	N	U	U	M		N	N	N	N	N		U	P	P	U	P	
<b>Operation</b>																									
Camp	P	P	P	-	P	U	N	M	N	U	U	N		N	N	N	N	N		U	P	P	U	P	
<b>Decommissioning</b>																									
Camp	P	P	P	-	P	U	N	M	N	U	U	N		N	N	N	N	N		U	P	P	U	P	

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

## Project Location



## List of Project Geometries

1	polygon	102811
2	point	BUILT-UP AREA
3	point	BUILDING