



# **WILDLIFE MONITORING AND MITIGATION PLAN**

## **Nunavut Uranium Project, NUNAVUT**

**May 2022**

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## **1. Preamble**

This Wildlife Monitoring and Mitigation Plan (WMMP) is in effect until the expiry of Forum Energy Metals Corp.'s water licence, land use licence, and land use permit's and applies to the work areas planned for the Nunavut Uranium Project.

Questions or concerns regarding this Plan can be directed to

**FORUM ENERGY METALS CORP.**  
**Suite 615, 800 West Pender St.**  
**Vancouver, B.C. V6C 2V6**

Attention: (To be determined), Project Manager

Phone:

Email:

## 1 INTRODUCTION

This Plan has been prepared for one temporary campsite and several proposed diamond drilling locations on Forum Energy Metals Corp.'s (FEMC, Forum or the Company) Nunavut Uranium Project (or the Project).

The Nunavut Uranium Project is in the Kivalliq Region of Nunavut, approximately 90 km from Baker Lake, and 320 km from Rankin Inlet and consists of both mineral claims on Inuit-Owned Lands (surface rights), and Crown Land.

Year-round access to the property is via fixed wing aircraft, equipped with skis or tundra tires, or helicopter. The property is bounded in a general sense by the following minimum and maximum latitudes/longitudes:

Min (degree/minute)	Lat	64.12539° N	Min (degree/minute)	Long	96.35659° W
Max (degree/minute)	Lat	64.70944° N	Max (degree/minute)	Long	98.70357° W

Forum Energy Metals Corp. acquired ground previously explored by Cameco Corporation between 2005-2012 to the west of Orano's Kiggavik Project near Aberdeen and Judge Sissons lakes.

Forum Energy Metals Corp. has 109,590 hectares of 100% Forum-owned mineral claims. These claims consist of Crown Land, and Inuit owned land surface (IOL) including parcels BL-31. The minerals claims are on NTS maps sheets 66A04 to 66A07, 66A10 to 66A12, 66B01, 66B02, 66B07 and 66B08. The property is 90 km west of Baker Lake and 320 km northwest of Rankin Inlet.

FEMC has applied for licences and permits from Crown Indigenous Relations and Northern Affairs Canada (CIRNAC) for exploration activities on Crown Land, the Kivalliq Inuit Association (KIA) for activities on Inuit Owned surface land (IOL), a water licence from the Nunavut Water Board (NWB) for water use and waste disposal related to the project.

The temporary exploration camp will consist of several aluminum framed 14' by 16' tents on plywood floors, a plywood kitchen, a plywood core logging tent, and can accommodate up to 30 people. Exploration based out of the camp is helicopter supported and generally consists of prospecting, till sampling, geophysical surveys, mapping, and diamond drilling.

Forum Energy Metals Corp. acknowledges that exploration programs have the potential to impact wildlife and wildlife habitat. Potential impacts to wildlife and wildlife habitat include displacement from and avoidance of wildlife habituation and attraction to personnel and/or the camp, and unintentional interactions and disturbance. The Company further recognizes that the caribou is of sensitivity in the regional project area.

Accordingly, Forum will rigorously work to prevent or minimize potential impacts on caribou and other wildlife and wildlife habitat by implementation of the Wildlife Monitoring and Mitigation Plan, as presented in this document. Forum will adhere to terms and conditions of licenses and permits including CIRNAC's Caribou Protection Measures and the Kivalliq Inuit Association's Mobile Caribou Monitoring Measures, depending on which ground (Inuit Owned Land, or Crown Land). Forum also seeks the advice of the Baker Lake Hunters and Trappers Organization as well as the Government of Nunavut, Department of Environment on wildlife protective measures.

Exploration activities carried out by Forum, will be undertaken in a manner that minimizes disturbances to caribou herds and their calving grounds. The results of the first flight of the day will determine wildlife movements and if/what avoidance and mitigation measures are required each day.

Low-level helicopter flights over migrating herds and active calving grounds will be prohibited; the helicopter will fly above 300 m except during slinging operations or when weather conditions force flying at lower altitudes. Prior to any slinging operations the area will be visually inspected to ensure there are no animals present; slinging operations will not be carried out during the presence of caribou herds. All on-site personnel will act as wildlife monitors and records of wildlife sightings will be maintained.

The main purpose of the Plan is to formally outline Forum's wildlife protection, avoidance and mitigation strategies. The Plan will function as a set of Standard Operating Procedures for staff and contractors working on the Project. The Plan commits to wildlife protection by preventing or minimizing personnel/wildlife interactions and wildlife impacts.

The Plan addresses the following specific wildlife species, species groups and their critical habitats:

- Those that occur within and immediately adjacent to the project site or along project flight paths during project operations,
- Those that are important harvestable species, and
- Those with special conservation status

**Table 1:**

**Wildlife Species and Species Groups addressed by the Wildlife Monitoring and Mitigation Plan.**

<b>Species or Species Group</b>	<b>Species or Species Group</b>
Caribou	Geese(and their nests)

Fish (aquatic life)	Other Waterfowl and Waterbirds (and their nests)
Other Falcons (and their nests)	Ptarmigan (and their nests)
Muskox	Short-eared Owl (and their nests)
Arctic Fox (and their dens)	Peregrine Falcon (and their nests)
Wolf (and their dens)	Rough Legged Hawk (and their nests)
Grizzly Bear (and their dens)	Gyrfalcon (and their nests)
Wolverine (and their dens)	

## 2 CARIBOU

Forum Energy Metals Corp. plans to undertake exploration activities on both Crown Land and on Inuit Owned Land. Protection measures are determined by those regulators for caribou protection on these lands. That being said, Forum commits to shutting down operations if fifty or more caribou are within 2 km of the camp and/or drill site. This is in addition to the measures outlined below.

## 3 INTERNAL POLICIES AND MITIGATION MEASURES

### Caribou and All Other Wildlife

All Forum Energy Metals Corp.) employees and contractors will be made aware of all internal policies, procedures in addition to the Terms and Conditions of the Project's licenses and permits. Training will include, but will not be limited to:

- Spill contingency/response
- Environmental policies
- Safety
- Bear safety
- Wildlife Mitigation Measures
- Caribou Protection Measures
- KIA's Mobile Caribou Measures Guidelines

The Project lies roughly 150 km southeast of the Beverly and 150 km northwest of the Qamanirjuaq calving and post-calving grounds. The Project also lies south of the 10 km buffer surrounding freshwater caribou crossings along the Thelon River. Forum has adopted the following best management practices to protect wildlife and wildlife habitat and mitigate against disturbance to wildlife and sensitive areas.

These policies will be strictly enforced. Any employee or contractor who is found to be violating any of these rules will find their employment immediately terminated and removed from the Project.

- **Approaching and feeding wildlife is prohibited.** There are absolutely no exceptions to this rule. If wildlife is present in the area, all employees and contractors are to avoid any contact with the wildlife.

**Harassment and disturbance of wildlife is prohibited.** The Company works with the Baker Lake Hunters and Trappers Organization to avoid or minimize the impact on wildlife and agrees that, if any employees and contractors are approaching a work site where migrating caribou, caribou cows and calves are in the area, this work site will be

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avoided until the animals have moved on to a safe distance from the site in accordance with the KIA's Mobile Caribou Measures Guidelines and the HTO Wildlife Monitor.

The Company will also seek the advice from the Baker Lake Hunters and Trappers Organization on avoidance and mitigation measures when migrating caribou are near the Nunavut Uranium Project property, and commonly follow the shoreline.

- If employees and/or contractors encounter wildlife at any time, every effort should be made to stay out of sight of wildlife or redirect travel away from wildlife where possible to avoid impact to wildlife.
- **Hunting is prohibited on company time.** While conducting business on behalf of Forum Energy Metals Corp.), hunting is strictly prohibited. There are no exceptions to this rule. Fishing is allowed only with a valid Nunavut fishing licence while not working.
- **Low-level aircraft and helicopter flights will be kept to a minimum.** Low-level (<300m altitude) aircraft and helicopter flights will avoid wildlife occupied areas that are migration, calving, nesting and denning habitats. No aircraft landings will occur within migrating caribou, caribou cows and calves, or muskoxen nurse groups.
- Helicopter pilots will be instructed that they are not to fly over wildlife in a way to cause them to change behaviour, run or flee at any time, within, or outside of migration. If such an interaction should occur incidentally, helicopter pilots will be instructed to divert and/or change altitude as quickly as safely practicable.
- A trained Wildlife Monitor will be employed during all exploration activities. The Wildlife Monitor will advise the Project Manager and/or Drill Foreman if caribou, caribou cows and/or calves are within distances set out in the KIA Mobile Caribou Measures Guidelines.
- If large concentrations (50+) caribou calves and cows are within 2km of the drill, the drill will be shut down.
- **Bear Safety Training will be provided.** All employees and contractors will receive Bear Safety Training. Bear safety information and material will be kept in a binder at site. The Government of the Nunavut's "Territorial Safety in Bear Country Manual" will be referred to in the safety orientation that all personnel and contractors receive when they arrive at site.
- If bears are present in the area, work will cease until they have moved safely out of the area. All human-bear interactions are to be reported immediately to the KIA and Government of Nunavut Department of Environment. A company employee will be designated as the Wildlife Monitor, and he/she will be trained in bear safety will ensure that camp employees and contractors are safe.



- **All den sites are to be avoided.** In consultation with the Baker Lake Hunters and Trappers Organization, locations of bear denning sites will be determined. If an active den site is discovered, the GPS coordinates will be recorded so that the site can be avoided during the denning season. These coordinates will be provided to the appropriate regulatory authorities. No dens are to be disturbed.

Bear incidents and/or interactions, and wolf or fox den sightings, as well as large herd sightings, will be reported to:	
Daniel Kaludjak, GN, Wildlife Officer II	867-645-8084
Johanne Coutu-Autut, GN Conservation Officer III	867-645-8083
Baker Lake Hunters and Trappers Organization	867-793-2520

- **Breeding birds are not to be disturbed.** In consultation with the Baker Lake Hunters and Trappers Organization, nests of critical bird species will be identified for avoidance. If any employee or contractor comes across any active nests, they will ensure that the nest is not disturbed. Coordinates are to be recorded on the wildlife sighting sheets and these coordinates are to be reported to Environment Canada. Moving or disturbing the nest is in contravention of the Migratory Birds Convention Act.
- The Peregrine Falcon has been identified as a species of Special Concern by the Committee on the Status of Endangered Wildlife in Canada. If any nests are found, A buffer must be maintained. A reasonable buffer will be maintained for the peregrine falcon. Any nests discovered will be recorded and GPS coordinates provided to the applicable regulatory authorities.
- **Sightings of wildlife will be recorded.** Sightings of wildlife will be recorded by all employees and contractors to the Wildlife Monitor who will ensure the information is recorded on the wildlife sighting log. This information will be reported in the required annual reports to regulatory authorities.
- **Aquatic Life will be protected.** Working in and around waterbodies must be done in such a way that prevents disturbance to aquatic life and habitat. Waterlines must be properly placed and screened in accordance with the “Freshwater Intake End-of-Pipe Screen Guidelines” of DFO. No wastes are to enter any waterbodies. This includes any discharge from the exploration camp.
- All sumps, fuel caches and the camp must be located at least 30meters from the high-water mark of any water body unless otherwise approved by the appropriate regulatory authority.

- **Waste will be managed properly.** Proper food storage and handling of cooking wastes will prevent problems with attracting wildlife. Food waste will be removed or incinerated daily and the ash taken to the Baker Lake dump on a regular basis. Nuisance wildlife will be reported immediately.
- **Firearms will only be carried for safety reasons.** Firearms may be carried only for safety reasons and only if such firearms are properly registered and stored in accordance with applicable legislation. All firearm discharges must be reported to the Project Manager.

## Appendix A

### CIRNAC Caribou Protection Measures

## Appendix B

### Kivalliq Inuit Association Mobile Mitigation Measures for Caribou