

**ABANDONMENT AND RECLAMATION PLAN**

**ARCTIC COPPER CORP**

**COPPERMINE PROJECT**

**January 2023**

## **INTRODUCTION**

This Abandonment and Reclamation Plan pertains to the Coppermine Project of Arctic Copper Corp (ACC) located approximately 60km southwest of the community of Kugluktuk, Nunavut. ACC proposes to explore primarily, but not exclusively, for copper, nickel, silver and platinum-group minerals in the Coppermine River area and ACC is committed to take the necessary precautions to minimize disruption to the natural environment as best as possible and practicable. In addition, ACC will carry out its exploration activities in such a manner as to protect the health and safety of its employees.

Proposed work will consist of core drilling utilizing a Hydracore 2000 (or equivalent model) drill capable of depths of approx. 75m-200m. Crews will be housed in Kugluktuk and mobilized to site daily with a helicopter. The project will not require a camp.

Arctic Copper's mineral claims are located only on Crown Land. A land use permit application is in progress from CIRNAC for exploration on crown land.

ACC upon completion of the program will restore the land to its original form and condition as best it can and as best is practicable and possible. All garbage and other waste will be flown out for appropriate disposal; nothing will be left at site. All drill holes will be cemented shut and marked for location with a post of piece of pipe.

## **SCHEDULE**

At the end of the phase I program in 2023, each drill site will be restored as best as possible to its original form and inspected before shutting down activities for the field season. All waste and equipment will be removed from site and flown to Kugluktuk.

There are no confirmed dates at the moment for this program. ACC hopes to conduct its exploration in 2023, however, timing is subject to drill contractor availability and corporate financing.

## INFRASTRUCTURE

- Drilling Equipment
- One Hydracore 2000 diamond drill
- Two Kubota Water Pumps with 2km of hoseline, water tanks, 250m of drill rods

### Air Transport

- Bell 206B Jet Ranger (or similar capability) helicopter for crew transport

## SEASONAL SHUTDOWNS

- All gear and equipment will be flown to Kugluktuk or Yellowknife for storage. Nothing will be left at site.

### Fuel, Drill and Drill Supplies

- All unconsumed fuel will be flown out to Kugluktuk for storage or sold to other nearby operators. All empty fuel drums, propane cylinders and other fuel containers will be flown out. Nothing will be left at site over the winter.
- The drill with all its' ancillary equipment (rods, hose, pumps etc.) will be flown out. No drill equipment will be left at site.
- All drill sites will be cleaned up and each drill site will be reclaimed as best as possible to its natural state. Each site will be inspected for contamination. Any remaining waste will be incinerated or flown out to be disposed of appropriately in facilities in Kugluktuk.

## **WASTE**

- Combustible waste will be incinerated in a burn barrel. The non-combustible waste will be flown out and disposed of appropriately in appropriate facilities in Kugluktuk.

## **FINAL ABANDONMENT AND RESTORATION**

- All equipment, gear and fuel will be removed from site prior to expiration of the permit.
- All non-combustible waste will be flown out to Kugluktuk to be disposed of in the appropriate facilities.
- All unconsumed fuel will be flown out or sold to other nearby operators. All empty fuel drums, propane cylinders and other fuel containers will be flown out.

### Drill Sites

- The drill with all its' ancillary equipment (rods, hose, pumps etc.) will be flown out. No drill equipment will be left at site.
- All drill sites will be cleaned up and each drill site will be reclaimed as best as possible to its natural state. Each site will be inspected for contamination. Any remaining waste will be incinerated or flown out to be disposed of appropriately in facilities in Kugluktuk.
- Any soil around the drill site that has become contaminated and gone unnoticed will be treated as per the Spill Prevention and Response Plan and the Hazardous Waste Management Plan.
- Sludge sumps will be filled in.
- Each drill hole collar will be monumented with either a short piece of drill pipe or a piece of 2x4 lumber for future reference and collar locations.
- Any artesian water encountered downhole will be sealed off and plugged with cement so that water does not continually run out of the drill hole.
- Photographs will be taken of each drill site before and after completion of each hole.

## Drill Core

All drill core will be flown out to Kugluktuk for logging, processing and storage.

## INSPECTION AND DOCUMENTATION

A thorough inspection of all drill sites will be conducted prior to closure and de-mobilization. Photos will be taken to document the conditions prior to leaving the site and all appropriate agencies will be notified once the cleanup and de-mobilization is complete. The photos will be included in the final closure reports to be submitted to CIRNAC and the Nunavut Water Board.

## EMERGENCY CONTACT NUMBERS

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Department of Environment and Natural Resources -Spill Reports 24hr 867-920-8130

Department of Fisheries and Oceans 867-979-8000

INAC Land Use Department 867-975-4283

Nunavut Water Board 867-360-6338