



**RECLAMATION PLAN**  
**FOR THE CENTRAL BAFFIN ISLAND PROJECT**  
**NUNAVUT, CANADA**

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## **Introduction**

This Abandonment and Restoration Plan has been prepared for the Baffin Island Project operated by Commander Resources Ltd. (Commander) and includes the Dewar Lakes Camp, the Malrok Lake camp and the drilling programs carried out on the project. The project is at an early stage of exploration and as such this document has been constructed following exploration efforts that have been made in the region by Commander.

The Dewar Lakes Camp is located next to the Dewar Lake airstrip (North Warning System radar station Fox-3) at 68° 38' N, 71° 08' W., was initially established in 2003 and upgraded in the spring of 2010. This camp has and will continue to service the needs of exploration in the eastern portion of Commander's mineral property for the 2010-2011 field seasons. After this point a decision by Commander will be made regarding the continuation of the project.

The Malrok Lake Camp is located next to Malrok Lake at 68° 30' 01" N, 72° 27' 39" W. This location is approximately 60 kilometers west of the Dewar Lake airstrip (North Warning System radar station Fox-3). The Malrok Lake camp was initially established in 2004 and removed in the spring of 2005. This camp was re-established in the spring of 2010 and will service the needs of exploration in the western portion of Commander's mineral property for the 2010-2011 field seasons. After this point a decision by Commander will be made regarding the continuation of the project.

Since Commander became involved with the property in 2003, the activities have been limited to surface exploration involving mapping, prospecting, rock sampling, soil sampling, ground geophysical surveys and diamond drilling. The camp areas at Dewar Lakes and Malrok Lake occupy small areas and individual drill set-up areas are limited to 10's of square metres each. All work has been helicopter- supported and there has been no heavy equipment used for the activities to date.

The abandonment and restoration of the campsites should take no longer than 5-10 days to complete and will take place after all exploration activities have ceased.

## **Camp Sites**

The Dewar Lakes camp will consist of the following structures:

- 1 x large kitchen/dry/storage facility (Two 16 x 32 weatherhaven tents joined together)
- 1 x dry area for the facto toilets (16 x 24 weatherhaven tent)
- 1 x first aid tent (14 x 16 weatherhaven tent)
- 1 x office tent (16 x 16 weatherhaven tent)
- 1 dry tent for the drillers 12 x 16 weatherhaven tent)
- 4 x tents for crew accommodations (14 x 16 weatherhaven tents)
- 5 x tents for crew accommodations (14 x 16 canvas tents)
- 2 x tents for core logging (two 14 x 16 canvas tents joined together)
- 1 x tent for core cutting, (14 x 16 canvas tent)
- 2 x generator shacks

1 x 20 x 20 metal storage shed  
1 x fire station, and  
2 x wooden latrines

Additional Equipment on the Dewar Lakes Site:

2 x 28 kW generator  
2 small gasoline powered water pumps  
1 x chain saw for camp use  
1 x gas powered ice auger to obtain water for camp  
1 table mounted electric rock saw for cutting core  
3x hand-held gas powered rock saws for cutting channel samples  
2x small water pumps for cutting channel samples  
1 x 4 wheel Honda ATV at camp to transfer fuel and supplies from the airstrip  
1 x two stage diesel fired waste incinerator  
2 magnetometers (Geophysics)  
1 Max-Min EM unit (geophysics)

The Malrok Lake camp will consist of the following structures:

1 x large kitchen/dry/storage facility (Two 16 x 24 weatherhaven tents joined together)  
1 x first aid tent (14 x 16 weatherhaven tent)  
6 x tents for crew accommodations (14 x 16 weatherhaven tents)  
1 x office tent (16 x 16 weatherhaven tent)  
1 dry tent for the drillers (12 x 16 weatherhaven tent)  
1 x tent for core logging (14 x 16 weatherhaven tent)  
1 x tent core cutting, (14 x 16 weatherhaven tent)  
1 x generator shack,  
1 x fire station, and  
2 x wooden latrines with pacto toilets

Additional Equipment on the Malrok Lake Site:

1 x 18 kW generator  
2 small gasoline powered water pumps  
1 x chain saw for camp use  
1 x gas powered ice auger to obtain water for camp  
1 table mounted electric rock saw for cutting core  
3x hand-held gas powered rock saws for cutting channel samples  
1 x Tundra snowmobile with sleigh  
1 x Skandic snowmobile with sleigh  
1 x two stage diesel fired waste incinerator  
1 x diesel powered D6 bulldozer  
2 magnetometers (Geophysics)  
1 Max-Min EM unit (geophysics)

## **Final Abandonment and Restoration Plan**

### Buildings and Contents

All reusable equipment such as tents, metal frames, oil stoves, mattresses, kitchen appliances, hot water tanks, etc. will be dismantled, packaged and flown out to Yellowknife for use in other camp sites.

Wood tent frames, wood tables, outhouse, beds, etc. will be dismantled and burned on site at the same spot as daily garbage is burned. Nails, screws, anchors and other non-burnables will be recovered, packaged and flown out to Iqaluit for proper disposal.

### Water System

Water pumps, tanks and hoses will be drained, cleaned and flown out to Yellowknife.

### Electrical System

The generators will be drained of its fuel, packaged and then flown to Yellowknife. Waste fuels from the generator will be collected and removed offsite. The soil around the generator will be inspected for contaminants. Contaminated soil will be collected and moved offsite.

All electrical wires, sockets, etc. will also be packaged and flown to Yellowknife for use in other camps.

### Fuel Storage

At the end of the project, full fuel drums (Jet-A, diesel, gasoline and propane) will be flown out to Iqaluit and donated or sold to the community. Empty Jet-A, diesel and gasoline drums will be flown out to Iqaluit and disposed of. Empty propane cylinders will be flown out to Yellowknife.

Waste Fuel will be stored in properly labeled drums will be flown out to Iqaluit and disposed of at a proper municipal refuse station.

Any unused drilling additive, oil or grease will be returned to Yellowknife.

The bulk fuel bladders will be emptied of all bulk fuel and returned to Yellowknife. All secondary containment berms will be dismantled and returned to Yellowknife.

### Waste Facility and Incinerator

Once the camps are dismantled, all remaining combustible waste will be burned. The incinerators will be dismantled and returned to Yellowknife.

### Greywater Sump

The kitchen and dry greywater sumps will be filled back in and leveled.

### Outhouse Pits

Outhouse pits will be treated with chloride of lime, filled back in and leveled.

### Helicopter Landing Area

The helicopter landing sites will be inspected for contamination and contaminated soil will be removed in 45 gallon drums and disposed of in Iqaluit at an approved municipal refuse site.

### Campsite

Once the campsite is dismantled a final inspection will be completed. Areas showing too much wearing will be leveled. Fertilizer can be added to the areas where the tents were to try and speed up flora recovery. Drill core will be left on site and properly stored.

### Drilling Areas

The drills will be dismantled, packaged and flown to Yellowknife or another project. All drill sites will be inspected for contamination. Any remaining waste will be returned to camp to be burned or flown to Iqaluit for proper disposal.

Drill sites will be restored immediately after the drill has been moved.

Any soil contamination by hydrocarbons will be treated as per the spill contingency plan.

Sumps used for containment of drill effluent will be located in topographic depressions and well away from water bodies such as rivers, lakes and ponds. Once a drill hole has been terminated, the sumps will be filled in.

### Documentation and Inspection

Photos of the camp and drill sites will be taken before and after restoration. The permit holder will organize a final site inspection with Land Use Inspectors.

### Seasonal Shutdown Procedures

At the end of the seasonal program, the following steps are part of the shutdown procedure:

1. All equipment and supplies that are to be left on site are stored in accordance with land Use guidelines and secured for the winter weather.
2. The camp is closed and secured to ensure the buildings remain intact over the winter and all loose items are secured in large storage containers or inside buildings
3. Wastewater sumps and latrines are filled and covered to protect against animals
4. All food stuffs and garbage are removed from the site
5. The Generator is serviced and winterized
6. All water lines, water tanks, pumps, hoses are fully drained
7. All propane tanks are disconnected and stored securely
8. Fuel drums are stored on their side with bungs at the 3 and 9 position
9. Buildings are locked and secured by door covers to prevent snow ingress.

