

Abandonment and Restoration Plan

Bugs Project, Nunavut

Abandonment and Restoration Plan prepared January 3, 2008

Table of Contents

Abandonment and Restoration Plan	18
Bugs Project	18
Nunavut.....	18
Table of Contents.....	19
Maps	19
Preamble	20
Introduction	20
Schedule.....	20
Infrastructure	20
Seasonal Shutdown.....	20
Buildings and Contents	20
Water System.....	21
Fuel Caches and Chemical Storage	21
Waste	21
Drill and Sample Pit Sites	21
Contamination Clean-up	21
Inspection and Documentation	22
Final Abandonment and Restoration.....	22
Buildings and Contents	22
Equipment.....	22
Fuel Caches and Chemical Storage	22
Sumps.....	22
Camp Site	22
Core Storage.....	22
Drill Sites	22
Contamination Clean-up	23
Aircraft Landing Strips.....	23
Inspection and Documentation	23

Maps

Location Map
Property and Topography Map

Preamble

This Abandonment and Restoration Plan (A&R) is in effect until the expiry of Ur-Energy's land use permit and water licence (currently being applied for), and applies to the work areas that are proposed By Ur-Energy during their exploration programs on the Bugs Property, Nunavut, located approximately 370 km southwest of Baker Lake. Questions or concerns regarding this A&R can be directed to Jack Charlton, Consulting Geologist for Ur-Energy at 450-455-2850 (phone/fax).

Introduction

This A&R plan has been prepared for one temporary campsite plus fuel cache and proposed diamond drilling on Ur-Energy's Bugs Project in the upcoming years. The campsite location is established on the west side of a lake-sized widening of the Nowleye River on the same site used by previous explorers during the 1970's and by Ur-Energy in 2007. It has the only gravel beach within the Bugs Property on a lake suitable for float plane landings and take-offs. The camp will consist of plywood and 2 X 4 constructed 14' X 16' sleep tents, an office tent, a core shack, a dry, a first aid tent, a kitchen tent, an outhouse, and a generator shack. It will accommodate up to 14 people. Exploration plans for the project currently include prospecting, sampling, geological mapping, airborne geophysics, ground radon surveys, and diamond drilling.

Schedule

The final restoration of the camp and drill sites will begin when the program is fully completed. It will be finished before the expiration of the land use permit and water licence unless a renewal is applied for. Because Ur-Energy practises ongoing reclamation such as filling drill sumps, cutting off drill collars to ground level, and removing garbage, equipment and empty fuel drums as the program advances, the final restoration effort should be minimal.

Infrastructure

- Four 14' X 16' sleep tents
- One 14' X 16' kitchen tent
- One 14' X 16' dry
- One 14' X 16' core shack
- One 14' X 16' office tent
- One outhouse
- One generator shack
- One heli-pad
- One burn barrel
- One fuel cache with Spill Kit.

Seasonal Shutdown

Buildings and Contents

All canvas tents have been and will continue to be removed from the site for winter storage. Wooden structures (generator shack, outhouse, and tent frames) will be kept secured. All empty propane and fuel drums, as well as generator will be removed from the site at the end of each season.

Water System

Pumps and hoses will be disconnected, drained and dismantled. Pumps will be removed from site for servicing and storage. Hoses will be stored in the dry or generator shack for the winter months.

Fuel Caches and Chemical Storage

An inventory of all fuel caches and inspection of all full drums will be made prior to camp demobilization at the end of each season. Empty drums will be continually backhauled to supply sources in Stony Rapids, Points North, or Lynn Lake over the course of the program. Chemicals will be stored in the dry which will be boarded up and completely enclosed by plywood over the winter months.

Waste

Combustible Waste: All combustible waste will be incinerated on a continual basis during the program. All ash will be collected and disposed of in an appropriate landfill site at one of the supply points indicated above. The burn barrel will remain on site over the winter.

Non-combustible Waste: All non-combustible waste will be sent disposal sites at the supply points mentioned above. All carriers and receivers of this material will be informed of the need to register with the government of Nunavut, Department of Environment, as well as having the proper documentation in the form of a waste manifest. More details of this information can be found in Appendix B of the company's Fuel Spill Contingency Plan.

Grey Water Sump: The sump will be inspected, marked and covered for the winter.

Black Water: The latrine sump will be buried at the time as demobilization of the camp.

Drill and Sample Pit Sites

The drill will be dismantled at the final drill site and all equipment will be slung by helicopter to the gravel beach at the Bugs camp for demobilization. The drill and all ancillary equipment will be flown off-site by twin otter aircraft. Each drill site will be inspected upon completion of each drill hole. Any waste will be collected and flown to camp for incineration or removal to an approved disposal location. All sumps will be backfilled and each drill collar will be cut off at the ground.

Trenching programs (if required and permitted) will involve only hand excavating of small pits generally no larger than 2-3 metres in diameter and less than 1-2 metres deep. All such hand-dug pits will be backfilled upon completion.

Photographs of each drill and sample pit site will be taken at the completion of clean-up at each site.

Contamination Clean-up

Any soil at camp or at the drill hole sites that has become contaminated will be treated as per the Fuel Spill Contingency Plan. All non-combustible waste will be sent disposal sites at the supply points mentioned above. All carriers and receivers of this material will be informed of the need to register with the government of Nunavut, Department of Environment, as well as having the proper documentation in the form of a waste manifest. More details of this information can be found in Appendix B of the company's Fuel Spill Contingency Plan.

Inspection and Documentation

A complete inspection of all disturbed areas (drill sites, camp, and fuel caches) will be conducted prior to seasonal closure of the project with a full inventory taken for each location. A photographic record will be kept of each work area and campsite before, during and after the project is complete.

Final Abandonment and Restoration

Buildings and Contents

All buildings and structures will be dismantled and removed. Wooden structures will be burned and ashes sifted to retrieve non-burnable items, which will be removed from the site.

Equipment

All equipment including generators and pumps will be removed from the project site.

Fuel Caches and Chemical Storage

All fuel drums and chemical containers will be removed. All sites that contained fuel cached will be inspected and any contamination will be dealt with according to the Fuel Spill Contingency Plan. All debris will be removed. Final photos of fuel caches will be supplied.

Sumps

All sumps will be inspected and backfilled. Final photos will be taken and supplied to the NWB.

Camp Site

A final inspection of the camp site will be made to ensure that no waste remains. Final photos will be taken.

Core Storage

All core storage areas will be inspected to ensure the core is properly stored. Radiation levels will be measured to ensure that levels are below 1 $\mu\text{S/hr}$ at a distance of 1 metre.

Drill Sites

The drill will be dismantled at the final drill site and all equipment will be slung by helicopter to the gravel beach at the Bugs camp for demobilization. The drill and all ancillary equipment will be flown off-site by twin otter aircraft. All drill sites will be inspected upon completion of each hole. All waste will be collected and flown to camp for incineration or removal to an approved disposal location. All sumps will be backfilled and scanned to ensure that radiation levels are below 1 $\mu\text{S/hr}$ at 1 metre. Each drill collar will be removed or cut off at ground level. The pad area will be scarified with a hand rake.

Photographs of each drill site will be taken at the completion of clean up at each site.

Contamination Clean-up

Any contamination will be treated as per the Fuel Spill Contingency Plan. Any contamination and subsequent clean-up will be documented with photographs. All non-combustible waste will be sent to proper disposal sites by aircraft. All carriers and receivers of this material will be informed of the need to register with the government of Nunavut, Department of Environment, as well as having the proper documentation in the form of a waste manifest. More details of this information can be found in Appendix B – the company's Fuel Spill Contingency Plan.

Aircraft Landing Strips

There will be no aircraft landings strip at the Bugs Project at this stage of exploration.

Inspection and Documentation

A complete inspection will be conducted of all areas prior to closure. Photographs will be taken to document the conditions of each site prior to final demobilization for use in the final plan/report. All appropriate agencies will be contacted once final clean-up is complete.

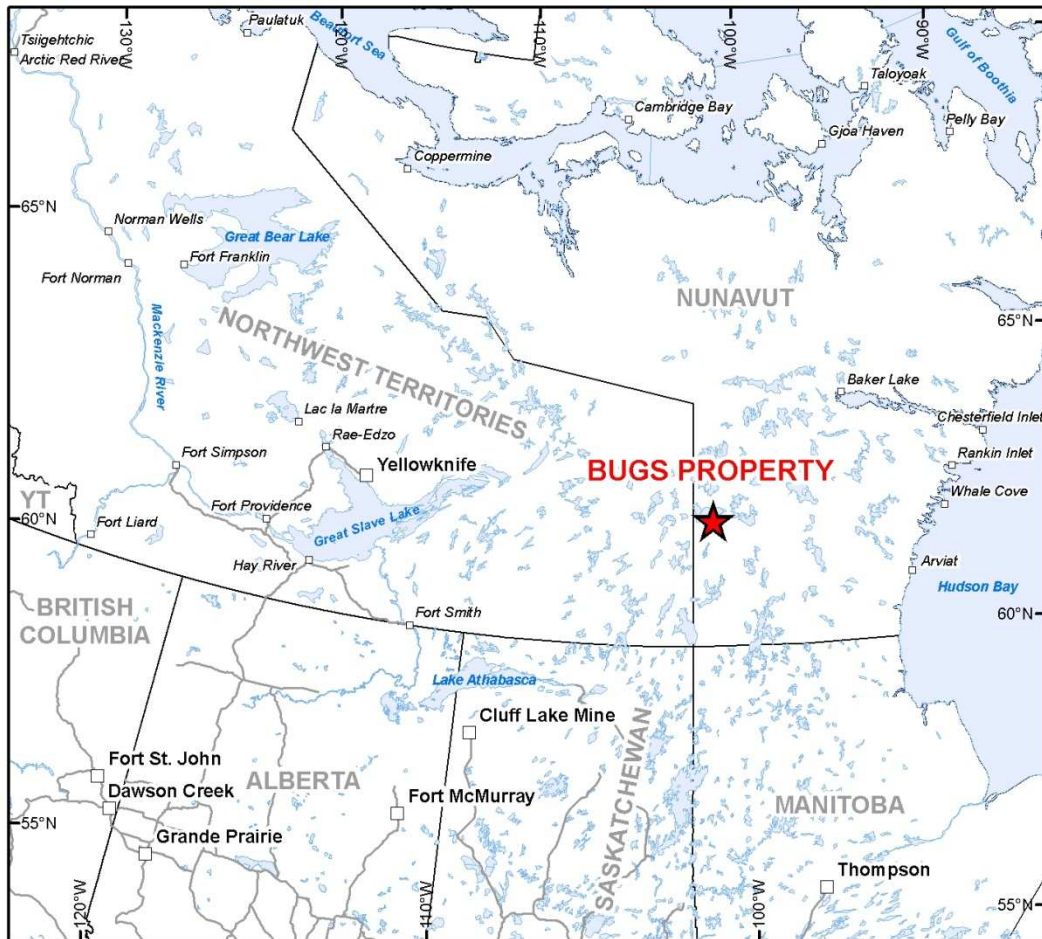


Figure 1: Bugs Property - Location Map

Figure 2: Bugs Property and Topography

