



GREENRIDGE
EXPLORATION

ABANDONMENT AND RESTORATION PLAN

Nut Lake Property, NU

Prepared for:

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1 Introduction

This Abandonment and Restoration Plan (“ARP”) has been developed on behalf of Greenridge Exploration (“Greenridge” or the “Company”) in accordance with applicable legislation, guidelines, and best practices which applies to activities associated with the Nut Lake Property (the “Property” or the “Project”), Nunavut, Canada.

The ARP will come into effect in May 2024, pending approval from all relevant regulatory bodies and will be replaced if there are any significant changes to the activities outlines in the existing permits.

Along with this ARP, an Emergency Response Plan (“ERP”), Environmental Management Plan (“EMP”), Spill Contingency and Fuel Management Plan (“SCFMP”), Waste Management Plan (“WMP”), and Radiation Hazard Control Plan (“RHCP”) will be created for the Property as part of a property-wide management system.

1.1 Project Description

The Nut Lake Property (the “Property” or the “Project”) consists of three contiguous mineral claims covering approximately 4,036 hectares (~40km²) located on National Topographic System (“NTS”) map sheet 065O01 and centered at 533130mE, 6993205mN North American Datum 1983 (“NAD83”) Universal Transverse Mercator (“UTM”) Zone 14N. Greenridge Exploration entered into an Option Agreement with three optionors to acquire 100% interest in the Property. The Nut Lake Property is situated entirely on crown land and located approximately 175km southwest of Qamani’tuaq (Baker Lake). See Appendix 1 for Property Location Map.

Greenridge is proposing a 2024 field program for the Property that is anticipated to commence on July 25, and finish on or around August 26. The 2024 exploration program will include the establishment of a seasonal eight-person camp with fuel cache to be constructed around the northeast portion of the property near an unnamed lake (potential camp 1: 529783mE, 6996000mN; potential camp 2: 529021mE, 6995340mN). Structures for the proposed camp will include 3 sleeper tents, 1 kitchen tent, 1 dry tent (with showers), 1 office tent, generator shack, and outhouses/pacto system. Most of the structures will be canvas prospector tents, or similar, with plywood floors.

Three camp construction personnel will be on site for a total of 8 days (5 days for set up and 3 days for take down). Staff on site for the duration of the work program will consist of 4 geologists, 2 helicopter-company personnel, 1 cook, and 1 camp manager. Total amount of time spent on site will amount to approximately 208 man-days.

All waste will be brought back to Qamani’tuaq (Baker Lake) for disposal.

The proposed field program will consist of general exploration activities such as prospecting, geological mapping, geochemical sampling (rock, soil, and till), drone photogrammetry and/or airborne geophysical survey.

The proposed work will be helicopter-supported and require the occasional landing of the aircraft. To mitigate any potential impact on wildlife, the helicopter will always maintain a minimum altitude of 610 m (2,100 ft) above ground level except during landing, take-off or if there is a specific requirement

for low level flying (e.g. airborne surveys). Wildlife will be avoided, and the helicopter will not land in the presence of wildlife except in an emergency.

All empty fuel drums will be brought back to Qamani'tuaq (Baker Lake).

Greenridge is awaiting NPC determination to determine if a Nunavut Impact Review Board ("NIRB") Screening will be required. The Company is also currently applying for a Land Use Permit ("LUP") from Crown-Indigenous Relations and Northern Affairs Canada ("CIRNAC") and a Nunavut Water Board ("NWB") water license to authorize the proposed seasonal camp.

Absolutely no activities will be conducted that will interfere with caribou cows and calves, and no exploration activities will cause a diversion in the migration patterns of any caribou. Greenridge will communicate with all interested parties regarding caribou sightings and appraised movements in the area.

Notifications will be sent to the Hamlet and the Hunters and Trappers Organization, and in the event that further consultation is required, Greenridge will ensure that best efforts are made to engage with the community and organizations as advised by regulatory agencies.

2 Project Infrastructure and Equipment

2.1 Camp and Camp Equipment

Quantity	Equipment and Purpose
3	14'x16' insulated Weatherhaven tents (or similar) on plywood flooring to serve as sleeper tents, medical tent and office. Includes plywood beds, tables, chairs etc.
1	14'x16' insulated Weatherhaven tents (or similar) on plywood flooring to serve as a kitchen and dry (with shower stalls)
1	14'x16' Weatherhaven tent (or similar) on plywood flooring to serve as housing for a 50kW diesel generator
1-2	Shack for outhouses/pacto system
2	250-gal or 350-gal water tanks (1 for kitchen and 1 for dry)
2	Hot water tanks (1 for kitchen and 1 for dry)
2	Water pumps with fish screens and hose line
2	5 kW gas generators
1-2	Pacto toilets
1	Toyotomi (or similar) heating stoves
6	Containment berms (for fuel caches, tent drums, and fuel transfers)
1 each	Kitchen appliances (e.g. refrigerator, freezer, cooking stove, dishwasher, etc.)
1 each	Dry appliances (washing machine, dryer, etc.)
1	Office and Medical supplies
1-2	Camp hazardous materials/fuel cache, with secondary containment.

2.2 Vehicles

Quantity	Equipment and Purpose
1	Helicopter (A-Star, Bell 407, Longranger, or similar) for personnel transport on site

2.3 Fuel

Quantity	Equipment and Purpose
25	205L Drums of Diesel Fuel for camp
90	205L Drums of Jet Fuel for helicopter
2	205L Drums of Gasoline for generators and pumps
8	100lbs Cylinders of Propane for cooking

3 Progressive Reclamation

Progressive reclamation will continually be carried out at the Nut Lake Property which will include, but not limited to:

- Storing fuel and other hazardous substances within secondary containment, with careful precautions during refueling or fluid/chemical top-ups. Any spills will be promptly addressed according to the Nut Lake Property SCFMP.
- Proper training and waste receptacles will be provided to ensure waste is separated appropriately and can be easily disposed of as required.
- Ensuring waste receptacles are shielded from environmental exposure to prevent garbage dispersion. Immediate cleanup will follow any spills or releases of waste material.
- Transporting waste material and equipment, no longer needed for the Project, back to Baker Lake at the conclusion of the seasonal program.
- Channeling camp greywater into excavated sumps, monitored to maintain sufficient freeboard.

4 Seasonal Abandonment

4.1 Assessment and Reporting

Before shutting down for the season, a thorough inspection of all areas will be carried out. Documentation through photographs will be done at various sites such as the camp and fuel cache to record the conditions before winter sets in. These photos will be archived along with those taken at the beginning of each season and included in the Annual Report.

Greenridge is not expecting to leave structures, equipment, and fuel on site for the proposed 2024 exploration program. However, if structures, equipment, and fuel are to be left behind, a detailed inventory will be included in the Annual Report.

4.2 Structures, Equipment and Fuel

A comprehensive inventory of structures, equipment, materials/supplies, and fuel will be conducted both at the start and end of each exploration season. Prior to leaving the site, all perishable items, waste, empty fuel drums, and valuable or sensitive equipment will be removed.

Greenridge is not expecting to leave structures, equipment, and fuel on site for the proposed 2024 exploration program. However, if structures are to be left behind, they will be properly prepared for winter, closed off, and secured. Specific designated areas will be allocated for the storage of chemicals or hazardous materials not suitable for outdoor conditions. Water tanks and pipes will be emptied, and mechanical equipment will be winterized, drained of fuel, and stored appropriately.

The fuel cache will also be winterized, secured, and covered to prevent snow and water ingress. Fuel drums will be arranged in organized rows with precautions taken for secondary containment using Arctic Insta-Berms or similar products. Hydrocarbon filtration systems like RainDrain will be utilized to manage water accumulation and prevent contamination. Any temporary fuel caches established during the program will either be removed or winterized following the prescribed procedure upon shutdown.

4.3 Waste

Waste management will involve segregating waste into categories such as combustible, non-combustible, recyclable, or hazardous at the source. Detailed waste management practices during program operations will adhere to the Nut Lake Property WMP. Contamination incidents will be addressed according to the Nut Lake Metal Property SCFMP.

5 Final Abandonment and Reclamation

5.1 Assessment and Reporting

Before final abandonment, a comprehensive examination of all areas will be conducted. Any overlooked contaminated zones surrounding the camp or drilling sites will be addressed according to the Nut Lake Property SCFMP. Photographs will be taken for inclusion in the final reports submitted to CIRNAC and NWB, with notification provided to all relevant regulatory agencies upon the property's ultimate abandonment.

5.2 Structures, Equipment and Fuel

Before final abandonment, a comprehensive examination of all areas will be conducted. Any overlooked contaminated zones surrounding the camp will be addressed according to the Nut Lake Property SCFMP. Photographs will be taken for inclusion in the final reports submitted to CIRNAC and NWB, with notification provided to all relevant regulatory agencies upon the property's ultimate abandonment.

Before the termination of land use permits, water licenses, or mineral tenures, all structures, equipment, supplies, and fuel will be cleared from the property. Tent floors will be incinerated following the guidelines outlined in the Nunavut Environmental Guideline for the Burning and Incineration of Solid Waste. Salvageable materials of worth will be retrieved. Local businesses and residents will be given the chance to salvage any remaining materials slated for disposal.

All leftover fuel and empty drums/tanks will be cleared from the site, with thorough inspection and photographic documentation of the soil under and around any fuel storage areas for potential contamination.

5.3 Waste

All waste will be disposed of according to the Nut Lake Property WMP, with any contamination treated per the Nut Lake Property SCFMP. Sumps will be inspected to prevent leaching or runoff, with backfilling and leveling undertaken as necessary.

All waste will be categorized as combustible, recyclable, or hazardous and transported for proper disposal. Materials unable to be processed at the Baker Lake Waste Facility will be shipped to accredited facilities for appropriate disposal.

5.4 Restoration

Contaminated zones near the camp, fuel caches, or drill sites will undergo treatment as outlined in the Nut Lake Property SCFMP. Any areas affected by erosion will be filled and reshaped to their natural contours. Any disturbed vegetation areas, such as drill sites or fuel caches, will be photographed and handled according to the recommendations of the CIRNAC inspector. Remedial actions, such as fertilization to promote regrowth, may be implemented in areas like tent sites.

APPENDIX 1
FIGURES

