Abandonment and Restoration Plan for Proposed Exploration Drilling Program

North Thelon Project, Kivalliq,Nu
NTS 065O, 066A, 066B, 066C, 066F, 066G, 066H

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Preamble

The Abandonment and Restoration Plan is effective from May, 2008 to the completion of the program and applies to North Thelon Project diamond drilling and Camp in the Keewatin District of Nunavut, (general location is latitude 65 ^{o} 02'N and longitude 99° 23'W). The program will be conducted under Land Use permit from INAC and a water license from Nunavut Water Board (NWB). Application has been made for both.

Introduction

This abandonment and restoration plan has been prepared to cover the diamond drilling program and the associated camp. The program is scheduled for May 2008 to April 2010. The camp for this program will be located at latitude 65.0411^{o} N and longitude 98.9919° W. Both the camp and the diamond drilling are located on crown land.

Project Location

The location of the project holdings which includes mineral claims and leases are shown in Figure 1. A full list of the holdings can be found in Project Description Report attached to the application and a summary in Table 1~~2~~. The coordinates for the total project area is:

Northwest Corner – Lat. 65^{o} 32.28' N. Long. 101 ^{o} 0.0' W
Southeast Corner – Lat. 63 ^{o} 52.833' N Long. 96 ^{o} 30.0' W

Table 1: Summary of Land Position, Bayswater Uranium Corp, North Thelon Project

Block Name	Land Holdings	Area (acres)	Notes
Itza South	Claims	126017.6	Acquired 2007
Itza North	Claims	428889.2	Acquired 2007
Itza	Claims	158648.0	Staked 2006
Central Kiggavik	Claims	73009.2	Staked 2006
S.W. Kiggavik	Claims	201333.6	Staked 2006
Amer West	Claims	80652.1	Staked 2006
Amer East	Claims	11869.4	
Permit Area 1	Permit	264,281.2	Acquired 2006 - CUJV (50% Strongbow)
Permit Area 2	Permit	40051.0	Acquired 2006 - CUJV (50% Strongbow)
Schultz Lake North	Permit	243,332.0	Acquired 2007

	TOTAL	**1,628,083.4**	

The camp for the project will be located at Latitude 65° 2.467 ' North and Longitude 98° 59.717 ' West.

Camp

The camp for the project will consist of 6 Weatherhaven sleep tents, 1 Weatherhaven office tent, 1 Weatherhaven Cook Tent, 1 Weatherhaven wash tent, 1 diesel generator in wooden shed. The cook tent will be 60 m. x 30 m., all other tents will be 30 m. x 10 m. All tents will be erected on wooden platforms. Heat will be supplied using diesel fired heaters and all tents will have electricity from the generator.

The 20 kilowatt generator will be housed in a wooden structure slightly separated from the rest of the tent to reduce the noise levels.

Fuel for the generator and the tent heaters will be supplied from 205 liters barrels that will be placed on stands outside the individual structures. These barrels will be replaced as necessary. Each of these barrels will be placed in accordance with containment protocol and inspected daily for leaks. Any leakage will be contained and cleaned up immediately.

The camp water supply will be pumped from a nearby lake using a gasoline powered pump. At the camp the water will be stored in a 4,000 liter day tank located in the wash tent. Potable water will be disinfected using a filtration system and UV treatment.

A diagram of the general camp site plan is found in Figure 2.

Airstrip

There is an existing airstrip near the camp site (Photo 1). This airstrip will be used for the initial establishment of the camp and re-supplying the camp. In addition the fuel storage site will be near the air strip to minimize the handling of fuel.

The airstrip is situated on a sand esker and will be maintained under this project. Maintenance will involve the regular dragging of the strip with heavy timbers towed behind an ATV.

Figure 1: General Project location map.

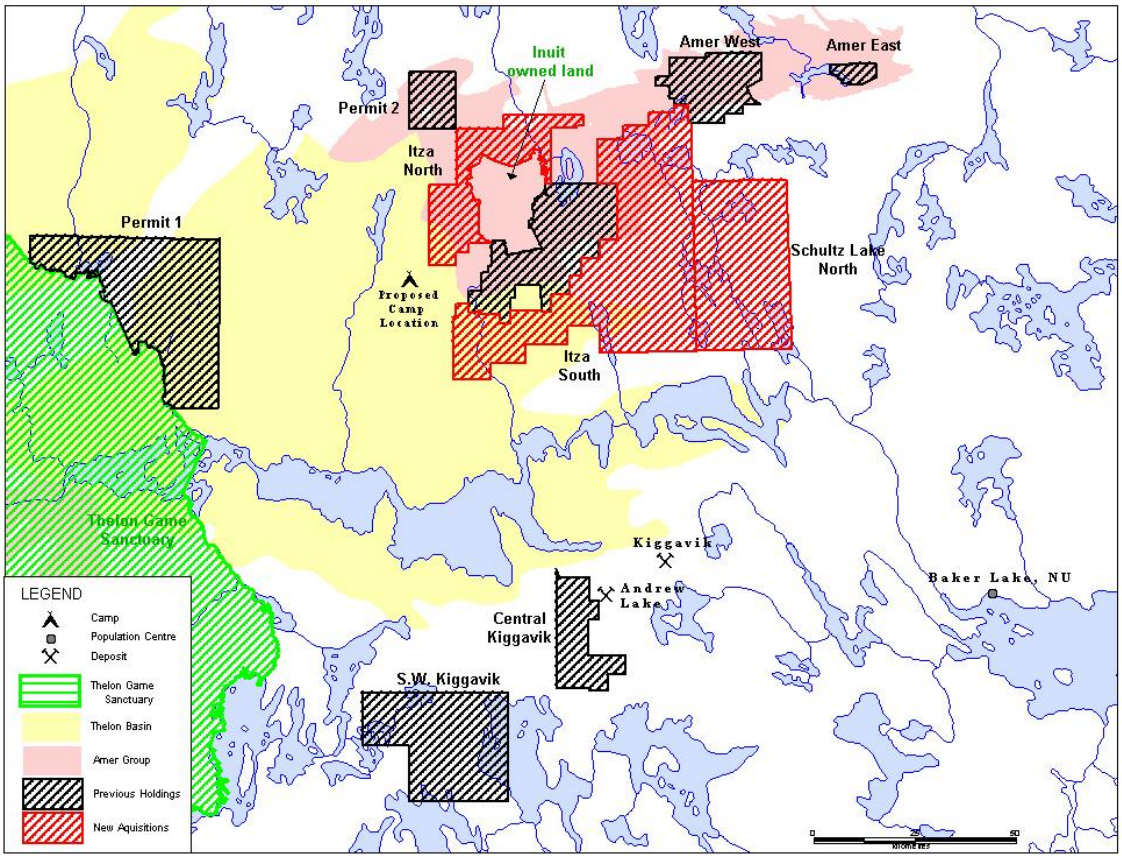


Photo1: Arial view of camp site and airstrip location.

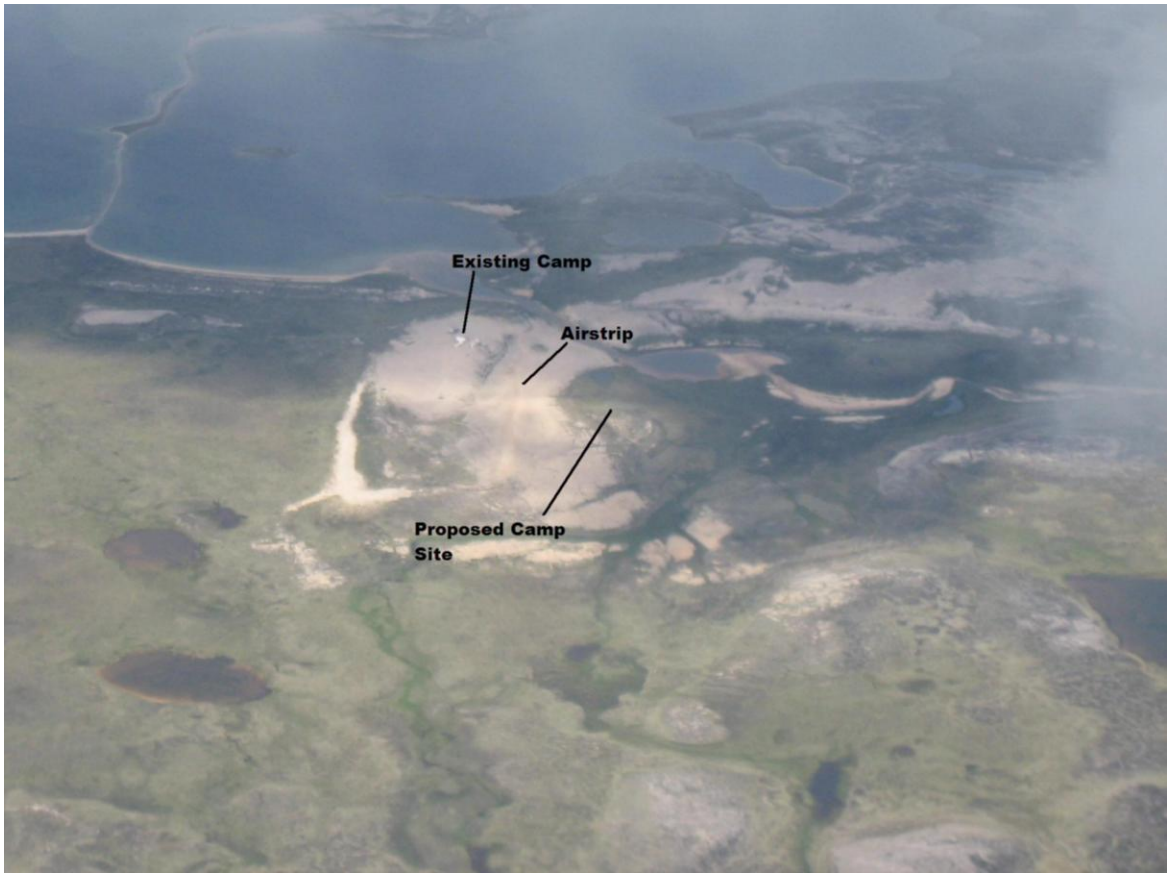
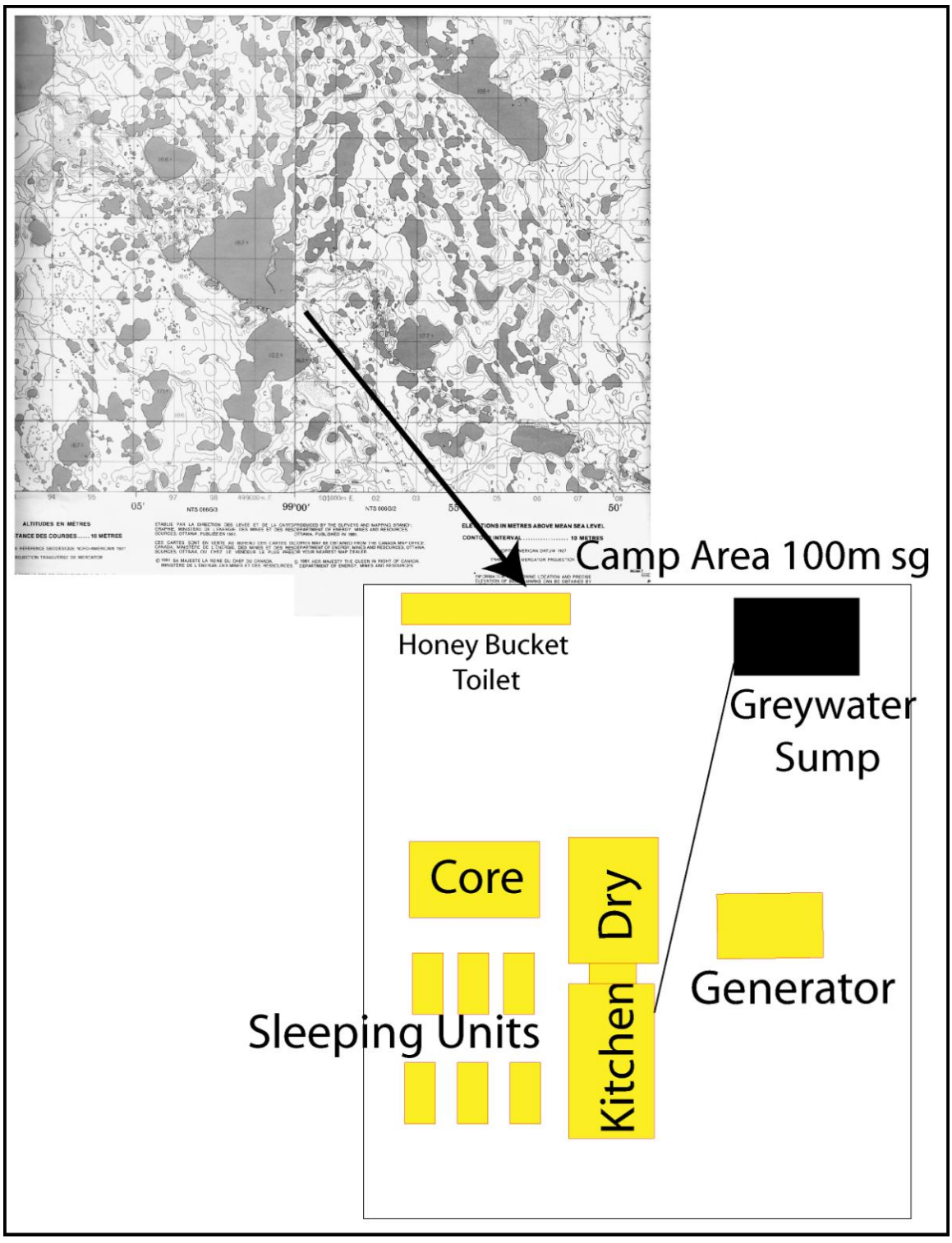


Figure 2: Schematic layout of the Bayswater camp.



Schedule

The shutdown of the drill operation will be conducted within 5 days of the completion of the drilling activities. Restoration activities at each individual site will occur immediately following the completion of the hole and removal of the drill. This progressive form of restoration results in little to no disturbance to the environment.

Infrastructures currently on site

No drilling equipment will be on site until immediately before the program begins. Prior to the program beginning the drills will be mobilized to the camp and from there they will be air lifted by helicopter to the individual drill sites.

Seasonal Shutdown and Restoration Plan

Fuel and Chemical Storage Facilities

If the drilling program continues over a multi year period an inventory of remaining fuel will be made and full drums will be inspected and secured after the first season of drilling.

Empty drums will be flown out to source. Empty propane cylinders will be flown out to source.

Chemical stored on site will consists of drill additives, oil, and grease. All drill additives will be stored in a secure weather proof area at the camp site. Empty containers for drill additives will be disposed with the daily solid waste garbage.

After the drilling season all activity areas will be inspected for fuel staining and any stained areas will be treated with Biozyme OT 8 Biological Oil Stain Remover (MSDS attached) or removed for disposal in an approved land fill.

Drilling Equipment

If the program continues over a multi year period all drilling equipment will be removed from the area during the period it is not working.

Documentation

Materials left on site will be inventoried. Photos of storage sites prior to storage will be taken. Once the site secured for the season, it will again be documented with photos.

Final Abandonment and Restoration Plan

Fuel and Chemical Storage Facilities

At the completion of the project all fuel containers both full and empty will be removed from the site. In addition the containment berm for the fuel storage will be removed. The area of the fuel storage will then be inspected for staining and undetected spills and any stained or contaminated areas will be treated appropriately. Stained areas will be treated with Biozyme OT 8 Biological Oil Stain Remover. Soil in contaminated areas will be removed to an approved disposal area.

All propane cylinders, full or empty, will be flown out to source.

Chemical stored on site will consist of drill additives, and oil. All drill additives will be stored at the staging area of the camp site. Upon program completion, any unused drilling additive, oil or grease will be returned to the staging area and from there flown to Baker Lake. Half empty containers will be flown to Baker Lake for use or disposal. Empty containers will be removed to Baker Lake.

Drilling areas restoration

At the end of the program the drill will be dismantled into its main components as per the drilling contractor procedure, packaged and secured along with its ancillary equipment and rods. The drill will be initially demobilized to the camp site and then removed from the site.

At the completion of each hole the drill sites will be inspected for soil contamination. Any remaining waste will be taken to the staging area at the Sand Lake camp and incinerated (if possible) or flown out to an approved municipal land fill. Individual drill sites will be restored immediately after the drill has been moved to the next site. The restoration of the individual drill sites will include:

- Leveling of on-shore sumps and disposal of drill cuttings and disposal in a manner approved by Land Use Inspector
- Removal and treatment of all contaminated snow and ice
- Removal or treatment of oil contaminated soil
- Removal of all drill associated equipment and blocks
- Leveling of any disturbed soil
- Disposal of drill cuttings with a uranium concentration greater than 0.05% down the drill holes
- Cementing over the entire mineralization zone; this should be at least 10 meters above and below each mineralization zone for drill holes that encounter uranium mineralization with a content greater than 1.0% over a length of more than 1 meter with a meter-percent concentration greater than 5%.
- Core storage areas will be located at least 100 meters from the high waterline of all water bodies.

- Gamma radiation levels of a long-term core storage area will not be greater than 1.0 μSv, and should never exceed 2.5 μSv

Camps and infrastructure

All camp structures and facilities will be completely removed from the site and the camp site will be returned, as near as possible to its original condition.

All water intake structures will be removed from the site.

The grey water sumps will be backfilled and be contoured to match the surrounding landscape to encourage re-vegetation of the site.

Documentation and Inspection

Photos of all individual drill sites prior to drilling will be taken. Monitoring will be done during occupancy and photos taken. Once the site restored, it will again be documented with photos. Soil contaminated by hydrocarbons and unnoticed before abandonment will be treated as per the spill contingency plan. A final site inspection visit with community representatives, Land Use Inspector and in collaboration with NWB staff will be organized by the permit holder