



**Appendix B**  
**TRIEX MINERALS CORPORATION**  
**ABANDONMENT & RESTORATION PLAN**  
**KIRWAN LAKE CAMP**

**NUNAVUT**

March 2007

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## **Kirwan Lake Remote Camp Abandonment and Restoration Plan**

### **1. Preamble**

This Abandonment and Restoration (A&R) Plan is in effect as of March 01, 2007. It applies specifically to the Mountain Lake Claims, Dismal Lake Permits, Dismal Lake claims and the Kirwan Lake Camp, which will be located at approximately N 67° 18', W 116° 53', see attached map. The camp will be constructed to support a mapping, sampling and drill program to explore for uranium.

### **2. Introduction**

This A&R Plan has been prepared specifically for the Kirwan Lake Camp located on the western shore of Kirwan Lake. The location of the camp was chosen based on the need for deep water, closeness to Kugluktuk for staging and supplies and the proximal location to the claims and permits. The temporary camp will be located approximately 100 km SW of Kugluktuk. At peak times, the camp could populate a maximum of 22 people but for the most part there will be 18 people. The camp will operate from August through to late September this year and early April until mid September the next.

This project is in the very early stages of exploration. The project being applied for consists of airborne surveys, mapping, soil sampling, and drilling the project summary describes in more detail the activities planned. The camp will be temporary, but it is our desire to have the camp remain in position for the duration of the land use permit and water licence. No buildings, equipment or waste will remain once the project is complete.

### **3. Schedule**

The final restoration of the camp site will begin once the program is complete. All work under the Abandonment and Restoration Plan will be completed prior to the date of expiry of the land use permits and water licence unless a renewal is applied for. Empty fuel drums will be removed from site regularly. Once a fuel cache is retired, a thorough inspection will be conducted. Any contamination will be cleaned up according to the Spill Contingency Plan and debris will be removed from the site.

## **4. Infrastructure**

- 1 storage tent
- 1 dry tent
- 1 kitchen tent
- 1 office tent
- 6 sleep tents
- 1 generator shack
- 1 toilet shack
- fuel storage area
- burn barrel – incineration

### **Seasonal Shutdown**

#### **Buildings and Contents**

All tents will be dismantled and the canvas tents removed from site for drying and proper storage. Wood structures (generator and toilet shacks) and wooden floors of tents will be kept secured. Wooden bed frames will be turned upside down and secured to the wooden floors for over-winter storage. The generator will be removed from site for servicing and storage.

#### **Water system**

Pumps and hoses will be drained and dismantled. Pumps will be removed from site for servicing and storage. Hoses will be stored on site in the generator shack.

#### **Fuel caches and Chemical Storage**

An inventory will be conducted prior to leaving at the end of the field season. A thorough inspection of all fuel caches will be completed and empty fuel drums will be removed from site.

Chemicals will not be stored on site over winter. All chemicals, including cleaning products, will be removed from site for storage and or disposal.

#### **Waste**

Combustible waste: All combustible waste will be incinerated. The burn barrel will be stored at the camp site for use the following year.

Grey water sump: The grey water sump will be inspected, marked and covered securely for the winter.

Black water: The latrine sump will be inspected, marked and covered securely for the winter.

Hazardous Waste: Triex Minerals will register with the Government of Nunavut, Department of Environment for a Waste Manifest to track the movement of all hazardous wastes.

### **Drill sites**

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 flown out by the drilling contractor.

All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp to be burned if possible or to be flown out to an approved disposal location. Grey water and sludge sumps will be filled and leveled.

As much as possible, drill sites will be restored immediately after the drill has been moved to the next site.

### **Core Storage**

The core storage area is located more than 100 metres from the high watermark of all water bodies. When core is found to exceed gamma radiation levels of 2.5 :Sv (1 metre from the surface of core storage areas), the Nunavut Water Board and INAC will be contacted for review and approval of the handling procedures.

### **Contamination Clean Up**

Any soil around camp that has become contaminated and gone unnoticed will be treated as per the Spill Contingency Plan. Contaminated material will be removed from site and disposed of in an approved area. Before and after photos will be taken to document the contamination and the clean up.

### **Inspection and Documentation**

A complete inspection will be conducted of all areas prior to seasonal closure. Photos will be taken to document the conditions prior to leaving the site for the winter. A full inventory will be conducted.

### **Final Abandonment and Restoration**

#### **Buildings and Contents**

All buildings will be dismantled and removed. All wooden structures including floors will either be burned or removed.

### **Equipment**

All equipment, including pumps, generators, etc. will be dismantled and removed from the project area.

### **Fuel caches and Chemical Storage**

All fuel drums will be removed. All areas where there have been fuel caches will be thoroughly inspected. Any contamination will be cleaned up as well as any debris removed. Contaminated soil will be handled as per the Spill Contingency Plan. Final photos will be taken of all fuel caches for inclusion in the final report.

All chemicals will be removed from site. Areas where chemicals have been stored will be inspected to ensure that there has been no contamination.

### **Sumps**

All sumps will be inspected to ensure that there is no leaching or run-off. Sumps will be back-filled and leveled as required. Final photos will be taken.

### **Camp Site**

A final inspection of the camp site area will be conducted to ensure that there is no waste left behind. All wastes that are not burnable will be removed from site.

### **Drill Sites**

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 flown out by the drilling contractor.

All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp to be burned if possible or to be flown out to an approved disposal location. Grey water and sludge sumps will be filled and leveled.

An inspection will be conducted to ensure that all drill sites are/have been restored and sumps have been covered and leveled.

### **Contamination Clean Up**

Any contamination will be treated as per the Spill Contingency Plan. Before and after photos will be taken to document the contamination and the clean up.

## **Inspection and Documentation**

A complete inspection will be conducted of all areas prior to closure. Photos will be taken to document the conditions prior to leaving the site for use in the final plan. All appropriate agencies will be contacted and notified prior to the final clean up and again once the final clean up has been conducted.

### **Emergency Contact Information**

<b>CONTACT</b>	<b>TELEPHONE NUMBER</b>
Allan Armitage – Senior Project Geologist, On-site coordinator	(604) 687-6680, site number supplied once phone system is established
DIAND Water Resource Officer, Iqaluit	(867) 975-4298
DIAND Water Resource Officer, Kugluktuk	(867) 982-4306
Environment Canada	(867) 975-4644, 24hr page (867) 920-5131
Nunavut Department of Environment	(867) 975-5910
DFO	(867) 979-8007
Triex – Ross McElroy, Exploration Manager	(604) 687-6680 (work)
Triex – Michael Gunning, President	(604) 687-6680 (work)
Air Tindi	(867) 669-8212
Great Slave Helicopters	(867) 873-2081
Yellowknife Fire Department	(867) 873-2222
Kugluktuk RCMP	(867) 982-4111
Stanton Regional Hospital – Yellowknife	(867) 920-4111
Discovery Mining Services	(867) 920-4600
Triex Office, Vancouver	(604) 687-6680