

Appendix B
Churchill Diamond Project
Abandonment and Restoration Plan

Shear Minerals Ltd.
4579 Nunavut Ltd.

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Churchill Diamond Project Abandonment and Restoration Plan

1. Preamble

This Abandonment and Restoration (A&R) Plan is in effect as of May 01, 2005. It applies specifically to the Churchill Diamond Project and the Sedna Camp, located at N 63° 12' 25.7", W 91° 14' 58.2", see attached map 1. This project is currently operating under the appropriate permits, agreements and water licence. A Land Use Permit renewal was granted by the Kivalliq Inuit Association earlier this spring and a Water Licence renewal has been applied for with the Nunavut Water Board.

2. Introduction

This A&R Plan has been prepared specifically for the Sedna Camp located on Josephine Lake. The location of the camp was moved after concerns were raised by the community of Chesterfield Inlet. The current location was selected in cooperation with community members. The temporary camp is located approximately 60 km NE of Rankin Inlet and 35 km SW of Chesterfield Inlet. At peak times, the camp could populate a maximum of 35 people but will average 18. The camp will operate from early April until mid September each year for the next two years.

The project is still at the early stage of exploration with a small drill program running through the spring and then again in the summer. There will also be mapping and till sampling. Although the camp is temporary, 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 full restoration of the camp site will take place once the program is complete or if the camp location is moved. The restoration will be completed prior to the date of expiry of the land use permits and water licence unless a renewal is applied for. Drill sites will be restored at the end of each field season in September of each year. 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.

4. Infrastructure

- 1 core tent
- 1 generator shack
- 1 toilet shack
- 1 dry tent
- 1 kitchen tent
- 1 medical tent
- 1 office tent
- 8 sleeper tents
- 1 recreation tent
- 1 sea can – storage
- 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 storage. Wood structures (generator and toilet shacks) and wood floors 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 sea can.

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 site for use the following year.

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

Black water: The camp uses Pacto toilets. Bags containing waste are removed from site.

Drill sites

Drill sites will be inspected. Any debris will be removed.

Contamination Clean Up

Soil that has become contaminated and gone unnoticed 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 seasonal closure. Photos will be taken to document the conditions prior to leaving the site. 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 drills, 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. 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 they are containing any waste and that there is no leaking 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

Drill sites will be inspected from year to year with sites being restored immediately, whenever possible, upon completion of the hole. During the final year of operation, any drill sites will be inspected for contamination, major ground disturbance and debris.

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.