

**PACIFIC RIDGE EXPLORATION LTD.  
ENVIRONMENTAL PROCEDURES PLAN  
BAKER LAKE PROPERTY**

**NUNAVUT**

JUNE 2006

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## **Baker Lake Property Environmental Procedures Plan**

### **1. Preamble**

This Environmental Procedures Plan is in effect as of June 01, 2006. It applies specifically to the Baker Lake Property and Camps. The main camp will be located on the West side of Bisette Lake approx UTM co-ordinates - 7075500N, 379000E, see attached map. The camp will support a uranium exploration program. There are three drill areas proposed at:

- 1) 69-4 Area – approx UTM co-ordinates –7065500N, 363500 E
- 2) TK Area – approx UTM co-ordinates – 7072000N, 374000N
- 3) KZ Area – approx UTM co-ordinates – 7078000N, 373000 E

In addition, there are two possible fly camp locations being proposed:

- 1) West side Shane Lake - approx UTM co-ordinates - 703000N, 400000E
- 2) NE of Shane Lake - approx UTM co-ordinates - 706000N, 404000E

### **2. Introduction**

This Environmental Procedures Plan has been prepared specifically for the Baker Property Camp located to the west of Bisette Lake. At peak times, the camp could populate a maximum of 20 people but for the most part there will be 14 people. The camp will operate seasonally.

This project is in the very early stages of exploration. The project consists of sampling, geological mapping, ground geophysics and exploratory diamond drilling. No buildings, equipment or waste will remain once the project is complete.

### **3. Infrastructure**

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

## **4. Inspections**

### **Drill Sites**

Prior to leaving drill sites, an inspection will be conducted. Debris will be removed.

### **Fuel Caches**

The main fuel cache will be located at camp. A visual inspection of the fuel cache will be conducted daily. If any satellite fuel caches are established they will be inspected every time they are visited. During visual inspections fuel drums will be inspected for leaks and damage. Each fuel cache will have a spill kit which will also be visually inspected.

### **Sumps**

Drill sites: Prior to leaving drill sites, a visual inspection will be conducted to make sure that there is no possibility of run-off in to any water bodies. Rehabilitation, including contouring, will be conducted as required.

Greywater: Daily inspections of the kitchen sump will be conducted. These visual inspections will verify that there is adequate holding capacity and that there is no possibility of run-off to any water bodies.

Latrine: Daily inspections of the latrine sump will be conducted. These visual inspections will verify that there is adequate holding capacity and that there is no possibility of run-off to any water bodies.

### **Camp**

A daily inspection will be conducted of the general camp area. Any debris will be picked-up. The incineration drum will be inspected to ensure that all material has been burned. Any area where fuel is stored or used will be inspected daily for leaks and damaged drums. A spill kit will be located at the camp. For more information on this please refer to the Spill Contingency Plan.

Once a month a detailed inspection will be conducted of the camp, sumps and main fuel cache. See the attached inspection form, page 8.

## **5. Documentation**

All of the information documented will comprise part of the information in the annual reports submitted to DIAND, Nunavut Water Board, Kivalliq Inuit Association and the Nunavut Impact Review Board.

### **Drill Sites**

Photos will be taken at each drill site prior to and post drilling. Locations of each drill site will be recorded in GPS coordinates. The volume of water used for drilling will be recorded in cubic metres/day.

### **Fuel Caches**

Locations of each fuel cache will be recorded in GPS coordinates. As well, the number of full, partially full and empty fuel drums will be documented at the end of each field season. Empty fuel drums will be removed as soon as possible. At least one empty fuel drum will be kept at each fuel cache in case of damage or leaks.

### **Sumps**

Sump locations will be recorded in GPS coordinates. Photos will be taken of the sumps following reclamation.

### **Camp**

The volume of water used for domestic purposes will be recorded in cubic metres/day. Photos will be taken of the camp site. At the end of the project, photos will be taken of the camp area once everything has been dismantled and removed.

### **Wildlife**

Wildlife sightings will be documented, including GPS coordinates, and entered in to a database. These sightings will be reported to the local HTA and wildlife biologist.

## ***6. Reporting***

### **Drill Sites**

The pre and post drilling photos will be submitted as an appendix to the annual report submitted to the Nunavut Water Board and the Nunavut Impact Review Board. The coordinates of water sources used for drilling as well as the volume of water used (measured in cubic metres/day) will be submitted as part of the annual report.

### **Fuel Cache**

The coordinates and number of drums of each fuel cache will be submitted twice annually to the Nunavut Water Board, the Nunavut Impact Review Board and the DIAND Water Resource Inspector. The fuel cache coordinates will be submitted at the beginning of each field season and then again at seasonal shut-down.

### **Sumps**

The coordinates of each sump will be submitted to the Nunavut Water Board and the Nunavut Impact Review Board as part of the annual report.

### **Camp**

The volume of water used for domestic purposes will be submitted as part of the annual report.

### **Spills**

In addition to the immediate and follow-up reporting requirements outlined in the Spill Contingency Plan, all spills, clean-up information and follow-up required will be submitted to the Nunavut Water Board and the Nunavut Impact Review Board as part of the annual report.

### **Wildlife**

Wildlife sightings will be recorded on wildlife data sheets. GPS coordinates will be taken and entered in to a database. Wildlife sightings will be reported to the Government of Nunavut, Wildlife Biologist in Baker Lake (867) 793-2944, and the database will be submitted at the end of the field season. This information will also be included in the annual report submitted to the Nunavut Impact Review Board.

## ***6. Wildlife***

Any nesting and denning sites will be recorded with GPS coordinates and avoided in future. All man-bear interactions will be immediately reported to the Government of Nunavut, Wildlife Biologist, Baker Lake at (867) 793-2944.

The Wildlife Biologist shall be notified at least two weeks prior to mobilization. The Wildlife Biologist can provide expert advice on the project area and should be consulted.

### **Caribou**

The project area is located within and/or close to the caribou protected area. This includes caribou water crossings along the Kazan River and buffer zones around water crossings and calving grounds.

### ***Water Crossings***

*Camp Construction* – No camp will be constructed between May 15 and September 1 within 10 km of any designated caribou crossing.

*Fuel Caches* – No fuel cache will be established between May 15 and September 1 within 10 km of any designated caribou crossing.

*Drilling* – There will be no diamond drilling conducted between May 15 and September 1 within 5 km of any designated caribou crossing. The drilling program is discussed below:

Area (KZ) is located approximately 10 km north of the most northerly designated caribou crossing on Kazan River. As this is outside the drill buffer zone, Pacific Ridge intends to initiate the drilling program here starting Aug 1 to 15, 2006.

Area (TK) is located approximately 7 km easterly from the most northerly of the designate caribou crossings on Kazan River. As this area is outside the 5 km drill buffer zone, the TK zone will be drilled after the KZ zone commencing in the period Aug 1 to Aug 30.

Area (69-4) is located approximately 2 km south of the most northerly designated caribou crossing on Kazan River. No drilling is planned here until after Sept. 1, 2006.

### ***Caribou Protection Areas***

There will be no activities undertaken in any of the Caribou Protection Areas between May 15 and July 15 without the approval of the DIAND Land Use Inspector. The only work anticipated is via foot and would include geological mapping and sampling, grid work and prospecting. This work would only be conducted when caribou were not present within this area and the work would not interfere with the migration pattern of the herd.

In the event that a cow calves outside of the Caribou Protection Areas, all activities shall be suspended between May 15 and July 15.

Overhead flights must be at an altitude no less than 300 metres above ground level.

### ***Migration***

During migration, when caribou are in the area, all activities are to cease until the caribou have moved safely through the area.

### ***In General***

When caribou are encountered, activities will cease until the caribou have moved through the area, regardless of whether it is in a Caribou Protection Area or not. If caribou are encountered at camp, every effort will be made to keep noise disturbance to a minimum and no helicopter take off or landings will be permitted.



## Pacific Ridge Exploration Ltd. – Inspection Report Form

<b>Date:</b>	<b>Reps:</b>
<b>LUP #:</b>	<b>WL#:</b>

**Indicate:**     A – Acceptable, U – Unacceptable, N/A – Not applicable

### **Water Supply:**

Source:		Flow Meas. Device:	
Storage Structure:		Intake:	
Pumps:		Treatment:	

**Comments:**

### **Waste Disposal/Storage:**

Sewage:		Incineration Area:	
Grey Water Sump:		Solid Waste Storage Area:	
Empty Fuel Drums:			

**Comments:**

### **Drill Sites:**

Water Sources:		Drill Sumps:	
Drill Site Area:		Erosion:	
Debris:			

**Comments:**

### **Fuel Cache:**

Main Camp:		Airstrip:	
Satellite Sites:		Spill Kits:	

**Comments:**

### **General Conditions:**

Records & Reporting:		Posting, Signage:	
Chemical Storage:		Restoration Activities:	
Spill & Contingency Plan:		Camp Conditions:	

**Comments:**