

## **APPENDIX "B"**

### **◆ Detailed Project Description**

**◆Section 4◆****DETAILED PROJECT DESCRIPTION TO ACCOMPANY APPLICATION**

---

**1.0 Introduction**

The purpose of this application is to obtain a Water Use and Waste Disposal License from the Nunavut Water Board. The text of the following section will provide a detailed description of drilling operations.

**2.0 Base Camp**

Ashton's "RJ CAMP," located on Crown Land on the south shore of Kiglikavik Lake, will be used to support drilling activities. The camp is authorized by DIAND Land Use Permit N2000J0045 and NWB Permit NWB2KIG0002. Personnel and supplies will be staged out of this camp over the course of operations. The camp is approximately 20 kilometers to the south of the drill targets. An "A-Star B-2" or "Bell 206" helicopter will be the main source of transportation in the area. Equipment will be flown out to the drill site at the start of the program then removed at its conclusion.

**3.0 Drilling**

Ashton intends to drill test 3 isolated land based exploration targets located within its RIC mineral claims on Inuit Owned Land Parcel CO-50. Each target will require a separate drill set up and it is anticipated that up to 3 holes of NQ sized core (2.37 inches) will be drilled at each setup.

Only one heliporatable rig will be in operation and this rig will be transported between sites and supported by helicopter. Maximum drill hole depths will not exceed 350 meters and average hole depth is anticipated to be 200 meters. Drill holes will be both vertical and inclined. No high-density delineation or bulk sample drilling will be conducted.

**4.0 Environmental Impact**

The drill rig will have a maximum footprint of 25 m<sup>2</sup>. This includes the drill hut and pump shack. On average the anticipated drill holes are expected to take 2 days to complete. The drill rig will use a maximum of 60,000 liters of water in a 24-hour period. Normal operation of the drill produces 0.6m<sup>3</sup> or 260 kg of cuttings for every 200m of drilling.

The above data indicates that the proposed 9 hole program will have a total footprint of 75m<sup>2</sup> (25m<sup>2</sup> x 3 sites). Anticipated total water consumption is not expected to exceed

1,080,000 liters (60,000 liters x 18 days). Total maximum drill cuttings produced by the program will not exceed 2,340 kg of fines (260 kg x 9 drill holes).

Given the above information and the area of investigation the proposal would appear to pose minimal environmental impact. However further to reduce any potential adverse effects on the environment Ashton will undertake the following:

- ◆ Any drilling wastes will be contained and deposited into a sufficiently large land based sump or naturally occurring, contained depression located not less than 30 meters from the high water mark of any body of water.
- ◆ All drill fluid will be recycled whenever possible.
- ◆ All sites will be restored to the most reasonable extent possible, to their original and natural states.

### **5.0 Fuel**

Containers of fuel will be located at each drill site for the duration of each drill setup. It is anticipated that three types of fuel will be used in the following quantities:

- 1) Five full 45 gallon drums of diesel
- 2) Five full 45 gallon drums of Jet-B
- 3) Two 100 pound tanks of Propane

### **6.0 Fuel Spill Contingency Plan**

Ashton recognizes that fuel use and storage has the potential to become problematic. As a result a Ashton's Fuel Spill and Containment Contingency Plan is indicated below.

- ◆ All fuels will be stored in depressions at least 30 meters from bodies of water.
- ◆ All fuel cache storage sites will be monitored on a regular basis for possible spills or leakage.
- ◆ Ashton personnel will be instructed in spill response and cleanup procedures.
- ◆ Fuel spill cleanup equipment will be retained at the site of drilling operations
- ◆ Any spills that occur will be reported immediately to KIA.