

## **MELIADINE EAST PROJECT PROPOSAL-2000**

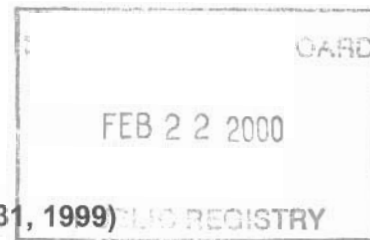
Atulik Lake, Rankin Inlet area

NTS 55J/13, 55J/14, 55N/1, 55K/16 IOL RI-01

Camp Location: W091° 55' 10" N62° 57' 24"

**KIA Land Use Permit No. KI97C098**

**NWB Water Use Permit No. NWB2ATU9899 (expired Dec 31, 1999)**



The 2000 project activities are tentatively planned for the period from May 30<sup>st</sup> – October 15<sup>th</sup>, 2000. Approximately 8-12 employees and contractors will work out of the seasonally occupied camp located on the western end of Atulik Lake, at the above coordinates. The location of the camp, property outline (subsurface rights), and proposed trends of work are shown in the 1:250,000 scale sketch Figure 1. A schematic of the camp area is shown in Figure 2.

Exploration activities may include surface gridding, geological mapping, prospecting, geochemical sampling, geophysical surveying and diamond drilling. A helicopter will be used for support, and traverses were completed on foot. The contractors to be used on site during this program remained to be selected. Major Midwest Drilling of Winnipeg, Manitoba currently have diamond drills and equipment on site.

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### **WATER USE**

Water will be used for domestic purposes and diamond drilling. Approximately 15-20 land based diamond drillholes will be proposed during the program. Site selection will be contingent on results from the concurrent exploration program. Water for drilling will be drawn from recharging ponds and lakes near the drill sites, and will be discharged into natural depressions.

Water used for domestic purposes will be drawn from Atulik Lake, to the south of the camp. The intake uses a screen to prevent entrapment of fish. Before ice break up, water is drawn intermittently from the lake and retained in interior holding tanks which are cleaned and disinfected pre and post season. The campsite has been in use for in excess of 8 years, with no illnesses reported related to water quality.

### **WASTE DISPOSAL**

Greywater is discharged into a sump located to the north of the camp, and combustible and kitchen wastes are incinerated. Scrap metal and bulky items are recycled for other use, where possible, or disposed of to the municipal dump of Rankin Inlet. Empty drums are either refilled if they are in good condition, or are returned to Rankin Inlet to be crushed and shipped to Churchill, for recycling and/or disposal. Waste oil and grease are sent to a company in Rankin Inlet for further recycling and use.

Human wastes are disposed of into outhouses which are dug into the gravel of an esker in the camp area. Each site is buried and covered after use.

A handwritten signature in dark ink, consisting of a stylized, cursive 'P' followed by a flourish.

### **CAMP INFRASTRUCTURE**

The camp on this site has been used seasonally since 1990, and was originally selected as the best site near the Discovery deposit located 2km to the north. This area was the focus of early exploration activities. The camp consists of two wooden structures (kitchen and coreshack), with several weatherhaven and jutland type tents with wooden flooring (. Gravel walkways and wooden pallets connect the main walkways between these structures. No tracked or wheeled vehicles are used in camp or in the project area.

### **FUEL/CHEMICAL STORAGE**

During the program, diesel, Jet B, gas and propane fuel are stored at the camp site, and cache sites, as approved the KIA. We anticipate further deliveries of fuel into camp this spring will bring the maximum fuel in camp to the below levels. Empties held in camp will be refuelled and returned to camp, or will be crushed and disposed of.

Pending levels of fuel to be stored/used at camp:

80 drums of diesel fuel

160 drums of Jet B fuel (sealed)

30-100lb propane

4 drums gasoline

Pending levels of fuel to be distributed between two cache sites (contingent on approval by KIA):

20 drums of diesel fuel

40 drums of Jet B fuel

77% calcium chloride flake (used in drilling) is contained in 50kg triple bags, and is stored in wooden crates on pallets in the campsite. Drilling additives and grease are stored in sealed 5 gallon pails within a locked wooden shed containing drill parts.

The fuel storage areas in camp and at the cache sites will be checked regularly during the exploration program, and spills will be reported. Absorbant matting will be used as required in camp and at drill sites to prevent/contain spills, as required.

### **ABANDONMENT and RESTORATION**

As Cumberland Resources Ltd, together with Complex Minerals Corporation, is planning to execute additional exploration programs on the property during 2000 and beyond, no plans have been made for abandonment/reclamation of the permit site.

Respectfully Submitted,

**CUMBERLAND RESOURCES LTD.**

  
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Janice Fingler, Project Manager, P.Geo.

Feb 15, 2000  
Date