

NON-TECHNICAL PROJECT PROPOSAL SUMMARY

Applicant: Nunavut Environmental Ltd.

Background:

Cumberland Resources Ltd. has conducted mine exploration activities at the Meadowbank Property since 1995. The property is located approximately 70 km north of Baker Lake. Previous research has focused on the aquatic environment. The objective of the 1999 program is to gather additional information on existing environmental conditions in support of future environmental assessment and long-term monitoring for the mine. The mine is currently scheduled to begin operation in 2002.

Proposed Research Activities:

The following activities are proposed for the 1999 research program:

- Collect additional information on lake water and sediment quality and aquatic plants and animals, including fish populations. Field work will be scheduled to gather seasonal data (e.g., early spring and fall) to improve existing knowledge. Sampling sites will be located in four lakes around the mine area, and a comparison lake in the Meadowbank River drainage. All of these sites have been previously sampled.
- Collect new information on site hydrology, including snow levels, lake ice/water levels, runoff, and discharges. Monitoring will begin in early spring to capture melt conditions, and will continue to late summer. Sampling sites will be located in four lakes around the mine area.
- Collect new information on plant, wildlife, and habitat features around the mine. Plant surveys will be conducted in mid-summer, and wildlife field work will be scheduled to gather seasonal data. Work will focus on the local study area, but some information will also be collected along an existing winter road corridor (Baker Lake to the Meadowbank Property), and in Chesterfield Inlet.
- Conduct a field survey (aerial and foot) of archaeological resources and traditional use areas. The survey will document sites of significance near the mine area and along an existing winter road corridor (Baker Lake to Meadowbank). No excavation is proposed as part of this study.

Facsimile Cover Sheet

To: Dionne

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Date: 4/29/99 8:38am

**Pages including this
cover page:** 4

Comments:

RE: Amendment to existing water license, Nunavut
Environmental Ltd. (on behalf of Cumberland Resources Ltd.)

Attached is a translated project summary and an english
version. This summary is for the whole project. The second
bullet refers to the water component of the project.

If you have any questions, please do not hesitate to call.

- Angela

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