
**FINAL REPORT
REVIEW OF NANISIVIK (CANZINCO)
ABANDONMENT AND RESTORATION PLAN**

File No: NWB1NAN

Project No. 0701 - 1740015

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ABANDONMENT AND RESTORATION PLAN**

File No: NWB1NAN

Submitted To:

Michael Roy
Qikiqtani Regional Coordinator
Water Resources

Prepared by:

EBA ENGINEERING CONSULTANTS LTD.
YELLOWKNIFE, NORTHWEST TERRITORIES

Project No. 0701 - 1740015

EBA Engineering Consultants Ltd.

Creating and Delivering Better Solutions

June 24, 2002

EBA File No: 0701-1740015

INAC-Nunavut Regional Office
P.O. Box 2200
Iqaluit, Nunavut
X0A 0H0

Attention: Michael Roy
Qikiqtani Regional Coordinator
Water Resources

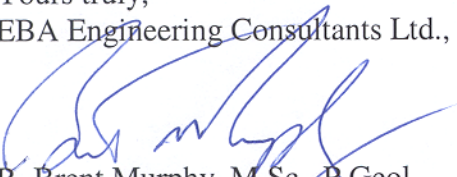
Dear Mr. Roy;

**Re: Final Report, Review of Nanisivik (CanZinco) Abandonment and Restoration Plan,
File No: NWB1NAN**

Please find enclosed four copies of the above final report summarizing our comments regarding the Abandonment and Restoration Plan for the Nanisivik Mine, which have been provided to your office for review purposes. We have also forwarded to you via email, two additional report copies; one in PDF Format and the second copy provided in Word Format. The review was undertaken in accordance with your letter request dated May 15, 2002, received from your office.

We trust that the enclosed information meets with your requirements at this time. Please do not hesitate to contact our office should there be questions or concerns regarding the contents.

Yours truly,
EBA Engineering Consultants Ltd.,



R. Brent Murphy, M.Sc., P.Geol.
Project Director, NWT/NUNAVUT

RBM/bw/...

Attachments

Letter.doc

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1 INTRODUCTION

EBA Engineering Consultants Ltd. (EBA) was requested to complete an initial technical evaluation of the CanZinco Ltd.'s Abandonment and Restoration Plan (A & R Plan) for the Nanisivik Mine. The project was initiated on May 15, 2002 by a letter received from the Nunavut Regional Office in Iqaluit, NU, of Indian and Northern Affairs Canada (INAC). The contract was prepared consistent with a "Call up Against a Standing Offer" an agreement (# 01-01-6010) which EBA currently has with INAC in Iqaluit.

The objective of the evaluation was to review several decommissioning aspects of the mine in order to meet the needs of both INAC and the Government of Nunavut, as represented by the Department of Sustainable Development. This report presents the results of the initial technical review, completed by the project team members assembled by EBA for this assignment.

2 SCOPE OF WORK

The focus of this technical review was placed on the following decommissioning aspects of the mine:

- Capping of the Tailings Disposal Area and Associated Long term Stability Issues;
- Disposal of Sulphide-bearing Rock and the Restoration of Waste Rock Disposal Sites;
- Filling and Capping of Open Pits and Associated Long term Stability Issues;
- Disposal and Remediation of Municipal Infrastructure, including the Solid Waste Disposal Site;
- Sealing of the Portals;
- Restoration of the Water Management Structures and Associated Long Term Stability Issues;
- Remediation of the Roads and Ore Stockpiles;
- Filling and/or Contouring of the Quarries;
- Dismantling of all Surface Structures;
- Dismantling and Remediation of Petroleum and Chemical Reagent Storage Area; and Underground Workings of the Mine;
- Determination of the Extent of Contamination Beyond the Tailings Pond; and,
- Remediation of Possible Contamination Within the Townsite

Additional aspects of the mine decommissioning process, such as the long term impacts on the marine environment located within Strathcona Sound were not considered part of the current work scope. However, the team provided additional comments of a general nature relating to the overall nature of the A & R plan.