

Nunavut Water
Board

JUL 05 2003

Public Registry

Bruce J. Donald
Reclamation Manager

August 29, 2003

Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Attention: Phyllis Beaulieu, Licensing Administrator

and

Department of Indian and Northern Development
Box 100
Iqaluit, NU X0A 0H0
Attention: Carl McLean, Manager, Lands Administration

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Dear Phyllis and Carl;

Re: Polaris Mine Portal Seal Design for Approval

We have completed our detailed designs for the sealing of the mine portals. The proposed plans are consistent with the Closure Plan approvals in that they provide a permanent seal to prevent public access into the mine workings. The design being submitted utilizes concrete mixed with quarry rock and provides more uniform support for the ground surrounding the openings and provides a robust seal to prevent the public from accessing the mine workings. The design is also being submitted to the Workers Compensation Board for their review and approval.

As required under our Closure Plan approvals, please find the engineered (and stamped) detailed design drawings enclosed for review and approval. Included are:

Gartner Lee Ltd. Drawing No. 23307-0

- o Portal Plug Design – Polaris Mine, Nunavut, Specifications

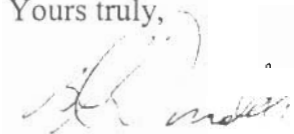
Gartner Lee Ltd. Drawing No. 23307-1

- o Portal Plug Design – Polaris Mine, Nunavut, Design Sections

As a minor item of clarification on the enclosed design; please note that the Design Sections in Drawing No. 23307-1 indicate the slope angle of the ventilation pipes. The drawings do not make it clear that these are the nominal angles. The specifications on Drawing No. 23307-0 under General, note #5 specifies that the pipes shall be sloped at a minimum 1% slope or parallel to the roof of the opening. This is the specification that governs.

If you have any questions regarding these designs, please contact myself or John Knapp (who is on site through the month of September).

Yours truly,



Bruce Donald,
Reclamation Manager

Enclosures - Design Drawings and Specifications for Mine Portal Seals (paper and electronic format)

cc: John Lees, Cascade Management
Bob Hutchinson, Teck Cominco Limited
John Knapp, Teck Cominco Metals Limited