



File

July 12, 1999

Certified Mail

Mr. George Wright
Mine Manager, Mount Polley Mine
Mount Polley Corporation
P.O. Box 12
Likely, BC
V0L 1N0

FILE: 18040-02/07/MTPO/01

Dear Mr. Wright:

Re: Geotechnical Inspection Report - Mount Polley Mine

Please find enclosed, my Geotechnical Inspection Report for the Mount Polley Mine, dated July 12, 1999.

Please post a copy of this report in a conspicuous place in accordance with section 30(1) of the Mines Act.

Please sign and date the report, noting action taken, and return it to my attention within 15 days of receipt.

Yours truly,

George S. Headley, P.Eng.
Senior Geotechnical Engineer

GH/ss

Enclosure

cc: Dave Morgan, MEM Prince George



Ministry of Energy and Mines
MINES BRANCH

REPORT OF GEOTECHNICAL INSPECTOR
(Issued pursuant to Section 15 of the *Mines Act*)

Name of Property: Mt. Polley Mine
Mine Manager: Mr. George Wright
Company: Mount Polley Corporation
Address: P.O. Box 12
Likely, British Columbia
V0L 1N0

Persons Contacted: Mr. Brian Kynock, Dave Parsons, Eric Leneve, Ron Martel, Ken Brouwer (Knight Piesold)
mine geologist

Date of Inspection: June 17, 1999

Permit No.: M-200
FILE: 18040-02-07/MTPO/01

An inspection was conducted on the above date in the company of Brian Kynock, Dave Parsons, Eric Leneve, Ron Martel, Ken Brouwer.

Open pit

An inspection of the open pit included review of current and proposed mapping, geotechnical site investigations, consultant visit, tentative final wall geometry, blasting practices and rock conditions. Company practice is excellent.

Waste dumps

The estimated 20,000 tonne failure of the south side of the dump was inspected. The failure was caused by wet weak foundation soils and excess pore pressures in a swampy flat area. These conditions appear to exist over much of the area south of the dump (wet ground and willows are obvious indicators). Therefore potential failure conditions will continue for the foreseeable future.

The failure was not reported to the District Inspector within 16 hours. Waste dump failures are reportable geotechnical incidents and shall be reported to the District or Geotechnical Inspector as soon as possible in the future. No wire line extensometers were in place or being read. The dump crest was partly dozed down and filled shortly after the failure. The company does not have dump failure procedures. General requirements for reporting, visual and extensometer monitoring practices, waiting times after failure, closure areas, training and dumping procedures were discussed with Mr. Parsons. Further discussion is needed with the District Inspector.

Tailings Facility

The inspection focused on the test cyclone set-up, operation, cones and beach development. The test is progressing satisfactorily.

The sand dam proposal was presented in a meeting.

Copies To: David Morgan, MEM Prince George

George S. Headley, P. Eng.
Senior Geotechnical Engineer

Address: P.O. Box 9320, Stn. Prov. Gov't
Victoria, BC V9W 9N3



Signature - Inspector

Dated: July 12, 1999

Signature - Mine Manager

Dated: _____, 19 ____

**** Written response is required from the Mine Manager 15 days after receipt of this report. ****