



Regional Operations, Health and Safety
 Location: 4th Floor, 1810 Blanshard Street
 Mailing address - PO Box 9323, Stn. Prov. Gov't, Victoria, B.C., V8W 9N3
 Phone: (250) 952-0480 Fax: (250) 952-0491

November 4, 1996

~~File: 14745-40/MTPO/01~~

Ken Brouwer, P. Eng.
 Knight and Piesold Ltd.
 Suite 1400 - 750 West Pender St.
 Vancouver, B. C.
 V6C 2T8

Dear Mr. Brouwer:

RE: MT. POLLEY TAILINGS DAM WINTER CONSTRUCTION STANDARDS

Imperial Metals Corp. is proposing to construct the tailings dam through the winter. Please submit detailed information on the CQA requirements for achieving acceptable results during winter construction to MEI for review and approval.

The following shall be addressed:

1. CQA end result objectives for winter construction;
2. Construction methodology changes for winter conditions including provision of adequate maintenance facilities, selection of appropriate compaction and haulage equipment;
3. Continuous engineering inspection;
4. Soil testing frequency and methodology for borrow material and fill placement;
5. Fill placement standards for density, temperature and freezing of wet-of-optimum fill, compaction of dry-of-optimum fill, removal of snow ice and water, prevention of incorporation of frozen soil, snow or ice, grading of surface to prevent water accumulation during thaws, surface roughening of frozen lifts, trafficability criteria for wet-of-optimum fill, control of fill gradation specifications and location to prevent internal erosion or piping potential;
6. Borrow pit selection and operation, material standards for moisture content, temperature, gradation, frozen soil, snow and ice removal;
7. Spring test drill hole program to check for soil quality, ice lenses and frozen soil.

The company, geotechnical consultant and contractor shall continue to achieve dam construction standards regardless of season weather and construction conditions. The following are a particular concern during winter construction: strength, density, permeability, ice lenses, weak material layers or surfaces.

Please call me at or 952-0480 if you have any questions.

Yours sincerely,

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

cc: Malcolm Swallow, Imperial Metals Corp.
 E. Beswick, MEI, Prince George
 T. Eaton, MEI, Victoria