MEMO

To	Luke Moger		
From	Laura Wiebe		
Tel	604 295 6360	**AMEC File No.**	VM00560C
Fax	604 294 4664	**cc**	Steve Rice (AMEC)
Date	6 June 2013		
Subject	**Mount Polley Tailings Storage Facility Stage 9 2013 Construction Monitoring Manual Clarification (Zone S Compaction Specifications)**		

At the request of Mount Polley Mining Corporation (MPMC), this memorandum includes detailed compaction specifications regarding the Zone S (glacial till) embankment fill material.

As specified in the Mount Polley Mine 2013 Construction Monitoring Manual:

"The approved glacial till is to be spread in loose 300 mm thick lifts and compacted by uniform routing of haul trucks and spreading equipment as well as by a 10-ton vibratory smooth drum compactor. A minimum of 95% compaction of the Standard Proctor maximum dry density is to be achieved."

Specifically, the minimum 95% compaction requirements must be achieved by one of the following methods:

- Routing of heavy haul truck traffic (loaded), varying the wheel path to ensure uniform compaction across the entire width of Zone S **AND** compaction by a 10-ton vibratory smooth drum compactor;
- Routing by means of scrapers (loaded), varying the wheel path to ensure uniform compaction across the entire width of Zone S **AND** compaction by a 10-ton vibratory smooth drum compactor; or
- Compaction performed with a sheepsfoot roller uniformly during placement **AND** compaction by a 10-ton vibratory smooth drum compactor.

These methods are required to help ensure compaction of the till fill is achieved to the full 300 mm depth placed in each lift across the full specified 5 m width.

We trust the above will provide the guidance necessary to manage the compaction efforts during construction of the Tailings Storage Facility embankments. Please do not hesitate to contact the writer should you require further clarification.

Yours truly,

AMEC Environment & Infrastructure,
a Division of AMEC Americas Limited

Laura Wiebe, P.Eng.
Project Manager

Reviewed by:

Steve Rice, P.Eng.
Principal Engineer

AMEC Environment & Infrastructure,
a Division of AMEC Americas Limited
Suite 600 – 4445 Lougheed Highway,
Burnaby, BC, Canada V5C 0E4
Tel +1 (604) 294-3811
Fax +1 (604) 294-4664
www.amec.com