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**From:** Luke Moger <lmoger@mountpolley.com>  
**Sent:** Tuesday, August 09, 2011 6:13 PM  
**To:** Ostritchenko, Dmitri  
**Cc:** Erin Quon; Arthur Collier  
**Subject:** RE: Construction Testing

Erin/Arthur,

Dmitri's point is a very important one - we need to make sure that we are not only marking out the lift thicknesses, but also monitoring construction such that we are not exceeding the 0.3m vertical lift heights.

I will remind Brian of this, but please also be extra diligent as we are placing a lot of material in this favourable spell of weather.

Kindest Regards,

**Luke Moger**

Mining Engineer, Mining Operations  
 Mount Polley Mining Corporation

Tel: +1 (250) 790-2215 ext. 113

Fax: +1 (250) 790-2613

Email: [lmoger@mountpolley.com](mailto:lmoger@mountpolley.com)

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**From:** Ostritchenko, Dmitri [<mailto:Dmitri.Ostritchenko@amec.com>]

**Sent:** Tuesday, August 09, 2011 11:01 AM

**To:** Arthur Collier; Luke Moger; Erin Quon

**Cc:** Dufault, Daryl A

**Subject:** Construction Testing

**Importance:** High

Looking through the excel sheet of testing, I do not see any new moisture tests being recorded? Are we still doing them? At minimum 1 sample per day needs to be collected when MDI testing is being conducted.

**Also please ensure the lift thicknesses do not exceed 300mm LOOSE roughly 250mm compacted.**

Test #	Date Tested	Stn	Offset S/F	Lift	Elevation	
79	8/6/2011	28.3	0.5	3	958.60	
85	8/7/2011	28.5	4.5	4	958.95	Lift thickness 350mm compacted out of spec
82	8/6/2011	32.8	0.5	3	958.50	
86	8/8/2011	33.0	2.5	4	959.03	Lift thickness 530mm way out of spec

These are just some examples. Given the elevations are not compared at exactly the same spots, but as close as possible for comparison.

These are not exactable. If this continues we will have to dig test holes down and verify that the compaction effort is sufficient though the entire lift.

Please keep an eye on the contactor as they are going to be rushing to put material down as fast as possible trying to cut all the corners that they can get away with. We need to stay on top of them and make sure they are maintaining

specification.

Have any material samples have been collected and tested for gradational distribution, I have not seen any results.

Core Till needs to be tested at minimum every 4000 linear meter per source (utilized 250 mm compacted lift thicknesses)  
Filter needs to be tested at minimum every 1000 linear meter per source (utilizing 0.6m lift thickness)

If you have any questions please let me know.

Thanks,

**Dmitri Ostritchenko, EIT**  
Geological Engineer  
**AMEC Environment & Infrastructure**

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