

From: Ostritchenko, Dmitri
Sent: Thursday, January 19, 2012 3:20 PM
To: Luke Moger
Cc: Dufault, Daryl A; Ron Martel
Subject: RE: Slope Inclinometers Survey

Luke,

I have looked through the inclinometer data provided and this matter needs urgent attention.

I have attached a new setup file for the reader box that should be uploaded to it prior to any further readings. Prior to uploading this new file the old one should be extracted from the readout box and emailed to me. (Label the file as: "2011 SI Back-up")

During the 2011 SI investigation we only installed 3 Inclinometers. The depth of these installed inclinometers differs slightly from the proposed depths.

The attached setup file has the following surveys and associate information: **Please fill in the last column.**

Name	Depth	Required Information	Elevation of the Top of Slope Inclinometer Casing (The reference point for the readings)
SI11-1	45	2 Surveys on the same day	
SI11-2	49.5	2 Surveys on the same day	
SI11-4	43.5	2 Surveys on the same day	
SI06-1	42	1 Survey	
SI06-2	32	1 Survey	
SI06-3	41	1 Survey	
SI01-2	37.5	1 Survey	

The depths of the new inclinometers are assumed and need to be lowered carefully during the last 5m and past the indicated depths for confirmation. The probe should touch the bottom of the casing as gently as possible and then lifted to the nearest marker. **Make sure the probe is plugged into the box and energized during this process.** The depth of the survey if needed should be adjusted to indicate the actual depth.

We need to get this data collected within the next few days. Currently inclinometer collection is out of compliance with the CDA guidelines and the Mt.Polley OMS manual. We need to stay on top of it to ensure this data is being collected by the technicians and is submitted to AMEC on a regular basis for review and for the as-built/annual review report.

I am available early next week if MPMC would like me to come out and oversee this directly.

Thank you,

Dmitri Ostritchenko, EIT
 Geological Engineer
AMEC Environment & Infrastructure
 Phone: (250) 564-3243 Cell: (250) 612-9867

From: Luke Moger [<mailto:lmoger@mountpolley.com>]
Sent: Tuesday, January 17, 2012 9:34 AM

To: Ostritchenko, Dmitri
Subject: RE: Slope Inclinerometers Survey

Dmitri,

Please find attached the latest update file.

Here is the accompanying update from Richard:

The reader box was acting up (screen was faded and then not responding at all), but appears to be working now - I am going to order a backup box to make sure that we are covered.

Three of the four new inclinometers have been initialized, but one is not accessible right now due to heavy snow (safety concern); this is SI11-03.

To calculate the inclinometer depths for initialization, they worked off of your projected borehole depth e-mail (attached) and added the difference between ground and top-of-pipe elevation to get the final depth to survey (I am still waiting on the survey file).

The labeling as downloaded was mis-named, here are the corrections:

- SI0603, 1/15/2012 (properly labeled)
- SI1102 (properly labeled)
- SI1104, 1/14/2012 (properly labeled)
- SI1104 – 1/16/2012 (actually SI11-01)

I will have Braden get the survey file to me for your report, and Richard will continue to update the inclinometers now that he has gotten everything working.

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

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

Sent: Friday, January 06, 2012 1:59 PM

To: Luke Moger

Subject: Slope Inclinerometers Survey

Luke,

In addition to gathering the Slope inclinometer data, can we get them surveyed as well. I have asked for this before however I cannot seem to locate this information.

The following information is needed for all the slope inclinometers:

Northing:

Easting:

Ground Elevation:

Top of Pipe (Reading Reference Point) Elevation:

Thanks,

Dmitri Ostritchenko, EIT
Geological Engineer

AMEC Environment & Infrastructure

3456 Opie Crescent

Prince George, BC, V2N 2P9

Phone: (250) 564-3243 Fax: (250) 562-7045

Cell: (250) 612-9867

dmitri.ostrichenko@amec.com

www.amec.com

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