



Job No: 14-02091
 Client: Mount Polley Mining Corporation
 Project: Mount Polley Mine, Likely, BC
 Start Date: 01-Oct-2014
 End Date: 01-Nov-2014

CPTu PORE PRESSURE DISSIPATION SUMMARY

Sounding ID	File Name	Cone Area (cm ²)	Duration (s)	Test Depth (m)	Estimated Equilibrium Pore Pressure U _{eq} (m)	Calculated Phreatic Surface (m)	Estimated Phreatic Surface (m)	t ₅₀ ^a (s)	Assumed Rigidity Index (I _r)	C _h ^b (cm ² /min)
RCPT14-06	14-02091_RP06	15	900	18.100	Not Achieved					
RSCPT14-01	14-02091_RS01	15	1290	3.975	Not Achieved					
RSCPT14-01	14-02091_RS01	15	3500	5.950	Not Achieved		1.9	2884	100	0.2
RSCPT14-01	14-02091_RS01	15	1200	7.925	Not Achieved		1.9	344	100	2.0
RSCPT14-01	14-02091_RS01	15	3300	8.950	7.0	1.9		70	100	10.1
RSCPT14-01	14-02091_RS01	15	1200	10.950	Not Achieved		1.9	963	100	0.7
RSCPT14-01	14-02091_RS01	15	250	12.000	Not Achieved					
RSCPT14-02	14-02091_RS02	15	1815	10.000	Not Achieved					
RSCPT14-02	14-02091_RS02	15	2000	11.000	Not Achieved		3.0	1282	100	0.6
RSCPT14-02	14-02091_RS02	15	2900	11.525	Not Achieved		3.0	2058	100	0.3
RSCPT14-02	14-02091_RS02	15	1800	12.075	Not Achieved					
RSCPT14-02	14-02091_RS02	15	3300	12.475	Not Achieved		3.0	2085	100	0.3
RSCPT14-02	14-02091_RS02	15	800	13.075	Not Achieved		3.0	211	100	3.3
RSCPT14-02	14-02091_RS02	15	2800	13.725	Not Achieved		3.0			
RSCPT14-02	14-02091_RS02	15	4500	15.550	Not Achieved		3.0	215	100	3.3
RSCPT14-02	14-02091_RS02	15	600	16.050	13.0	3.0				
RSCPT14-02	14-02091_RS02	15	300	16.600	Not Achieved					
RSCPT14-03	14-02091_RS03	15	3300	6.500	Not Achieved		2.6	2771	100	0.3
RSCPT14-03	14-02091_RS03	15	900	7.425	Not Achieved					
RSCPT14-03	14-02091_RS03	15	4200	8.475	Not Achieved		2.6	3457	100	0.2
RSCPT14-03	14-02091_RS03	15	600	10.525	Not Achieved		2.6	297	100	2.4
RSCPT14-03	14-02091_RS03	15	3300	12.000	Not Achieved		2.6	2130	100	0.3
RSCPT14-03	14-02091_RS03	15	900	12.700	Not Achieved		2.6	272	100	2.6
RSCPT14-03	14-02091_RS03	15	205	13.300	Not Achieved					
RSCPT14-03	14-02091_RS03	15	1000	15.850	Not Achieved		2.6	179	100	3.9
RSCPT14-03	14-02091_RS03	15	1500	16.500	Not Achieved		2.6	950	100	0.7
RSCPT14-03	14-02091_RS03	15	800	17.625	Not Achieved		2.6	396	100	1.8
RSCPT14-03	14-02091_RS03	15	600	18.000	Not Achieved		2.6	257	100	2.7
RSCPT14-03	14-02091_RS03	15	4500	18.525	15.9	2.6				
RSCPT14-03	14-02091_RS03	15	600	19.500	16.4	3.1				
RSCPT14-03	14-02091_RS03	15	800	20.000	17.0	3.0				
RSCPT14-03	14-02091_RS03	15	240	20.275	16.5	3.7				
RSCPT14-03	14-02091_RS03	15	130	20.400	17.4	3.0				
RSCPT14-03	14-02091_RS03	15	1300	20.525	17.5	3.0				
RSCPT14-04	14-02091_RS04	15	2000	6.500	Not Achieved					
RSCPT14-04	14-02091_RS04	15	490	7.475	1.0	6.5				
RSCPT14-04	14-02091_RS04	15	900	8.425	1.0	7.4				
RSCPT14-04	14-02091_RS04	15	11600	10.450	Not Achieved					
RSCPT14-04	14-02091_RS04	15	9000	11.825	Not Achieved					
RSCPT14-04	14-02091_RS04	15	590	13.400	Not Achieved					
RSCPT14-04	14-02091_RS04	15	640	14.250	Not Achieved					



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Sounding ID	File Name	Cone Area (cm ²)	Duration (s)	Test Depth (m)	Estimated Equilibrium Pore Pressure U _{eq} (m)	Calculated Phreatic Surface (m)	Estimated Phreatic Surface (m)	t ₅₀ ^a (s)	Assumed Rigidity Index (I _r)	C _h ^b (cm ² /min)
RSCPT14-04	14-02091_RS04	15	1500	15.425	Not Achieved		6.5	1034	100	0.7
RSCPT14-04	14-02091_RS04	15	2100	16.500	13.7	2.8				
RSCPT14-04	14-02091_RS04	15	600	17.175	14.5	2.7				
RSCPT14-04	14-02091_RS04	15	245	17.250	Not Achieved					
RSCPT14-05	14-02091_RS05	15	600	15.025	Not Achieved					
RSCPT14-05	14-02091_RS05	15	1800	15.575	Not Achieved					
RSCPT14-05	14-02091_RS05	15	600	17.000	Not Achieved					
RSCPT14-05	14-02091_RS05	15	1095	17.300	Not Achieved		0.0	1024	100	0.7
RSCPT14-05	14-02091_RS05	15	600	17.600	Not Achieved					
RSCPT14-06	14-02091_RS06	15	1000	10.075	Not Achieved					
RSCPT14-06	14-02091_RS06	15	2500	10.475	Not Achieved					
RSCPT14-06	14-02091_RS06	15	2500	12.000	Not Achieved					
RSCPT14-06	14-02091_RS06	15	1800	13.550	Not Achieved					
RSCPT14-06	14-02091_RS06	15	900	13.950	Not Achieved					
RSCPT14-06	14-02091_RS06	15	600	15.000	Not Achieved		0.0	104	100	6.8
RSCPT14-06	14-02091_RS06	15	3900	15.450	Not Achieved		0.0	132	100	5.3
RSCPT14-06	14-02091_RS06	15	400	16.000	Not Achieved		0.0	135	100	5.2
RSCPT14-06	14-02091_RS06	15	2400	17.000	Not Achieved		0.0	1590	100	0.4
RSCPT14-06	14-02091_RS06	15	3600	18.550	Not Achieved					
RSCPT14-06	14-02091_RS06	15	650	19.950	Not Achieved		0.0	211	100	3.3
RSCPT14-06	14-02091_RS06	15	950	20.225	Not Achieved					
RSCPT14-07	14-02091_RS07	15	1800	7.000	Not Achieved					
RSCPT14-07	14-02091_RS07	15	1800	9.000	Not Achieved					
RSCPT14-07	14-02091_RS07	15	2100	11.200	Not Achieved		0.0	1187	100	0.6
RSCPT14-07	14-02091_RS07	15	1800	11.600	Not Achieved		0.0	1001	100	0.7
RSCPT14-07	14-02091_RS07	15	1400	12.125	Not Achieved		0.0	924	100	0.8
RSCPT14-07	14-02091_RS07	15	1200	12.625	13.1	-0.5				
RSCPT14-07	14-02091_RS07	15	240	13.975	Not Achieved					
RSCPT14-07	14-02091_RS07	15	600	14.175	15.2	-1.1		185	100	3.8
RSCPT14-08	14-02091_RS08	15	920	21.750	Not Achieved		0.0	98	100	7.2
RSCPT14-08	14-02091_RS08	15	600	22.950	Not Achieved					
RSCPT14-08	14-02091_RS08	15	1800	24.000	Not Achieved					
RSCPT14-08	14-02091_RS08	15	505	25.025	Not Achieved					
RSCPT14-08	14-02091_RS08	15	1100	27.025	Not Achieved		0.0	466	100	1.5
RSCPT14-08	14-02091_RS08	15	1300	28.875	Not Achieved		0.0	218	100	3.2
RSCPT14-10	14-02091_RS10	15	1800	10.025	Not Achieved					
RSCPT14-10	14-02091_RS10	15	1200	10.975	Not Achieved					
RSCPT14-10	14-02091_RS10	15	1200	11.375	Not Achieved		2.6	848	100	0.8
RSCPT14-10	14-02091_RS10	15	1500	11.750	Not Achieved		2.6	623	100	1.1
RSCPT14-10	14-02091_RS10	15	2200	12.200	Not Achieved		2.6	1074	100	0.7
RSCPT14-10	14-02091_RS10	15	400	12.475	9.9	2.6		13	100	53.1



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RSCPT14-10	14-02091_RS10	15	2400	15.800	Not Achieved		2.6	100	100	7.0
RSCPT14-10	14-02091_RS10	15	2200	16.200	14.1	2.1				
RSCPT14-11	14-02091_RS11	15	400	10.625	Not Achieved					
RSCPT14-13	14-02091_RS13	15	895	6.975	Not Achieved					
RSCPT14-13	14-02091_RS13	15	400	10.900	Not Achieved					
RSCPT14-13	14-02091_RS13	15	3600	19.450	Not Achieved		0.0	49	100	14.2
RSCPT14-13	14-02091_RS13	15	300	22.925	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1800	3.950	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1800	6.000	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1800	8.025	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1800	9.500	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1900	9.950	Not Achieved					
RSCPT14-14	14-02091_RS14	15	1850	10.450	Not Achieved					
RSCPT14-14	14-02091_RS14	15	5400	11.000	Not Achieved		0.6	1435	100	0.5
RSCPT14-14	14-02091_RS14	15	1175	12.200	Not Achieved					
RSCPT14-14	14-02091_RS14	15	3900	13.025	Not Achieved		0.6	2686	100	0.3
RSCPT14-14	14-02091_RS14	15	2700	13.200	Not Achieved		0.6	1714	100	0.4
RSCPT14-14	14-02091_RS14	15	1300	13.400	Not Achieved		0.6	642	100	1.1
RSCPT14-14	14-02091_RS14	15	1100	13.600	Not Achieved		0.6	808	100	0.9
RSCPT14-14	14-02091_RS14	15	600	13.975	13.4	0.6				
RSCPT14-15	14-02091_RS15	15	655	4.950	Not Achieved					
RSCPT14-15	14-02091_RS15	15	1205	7.000	Not Achieved					
RSCPT14-15	14-02091_RS15	15	2200	7.575	Not Achieved		0.4	1291	100	0.5
RSCPT14-15	14-02091_RS15	15	1800	8.950	Not Achieved					
RSCPT14-15	14-02091_RS15	15	1800	9.600	Not Achieved					
RSCPT14-15	14-02091_RS15	15	1600	9.875	Not Achieved					
RSCPT14-15	14-02091_RS15	15	300	10.400	Not Achieved		0.4			
RSCPT14-15	14-02091_RS15	15	1600	12.000	Not Achieved		0.4	1115	100	0.6
RSCPT14-15	14-02091_RS15	15	950	12.525	Not Achieved					
RSCPT14-15	14-02091_RS15	15	5000	14.425	Not Achieved		0.4	2514	100	0.3
RSCPT14-15	14-02091_RS15	15	600	14.800	Not Achieved		0.4	70	100	10.1
RSCPT14-15	14-02091_RS15	15	900	15.425	15.0	0.4				
RSCPT14-15	14-02091_RS15	15	800	17.000	Not Achieved					
RSCPT14-15	14-02091_RS15	15	550	18.825	Not Achieved					
RSCPT14-16	14-02091_RS16b	15	520	8.525	Not Achieved		0.0	425	100	1.7
RSCPT14-16	14-02091_RS16b	15	255	11.275	Not Achieved					
RSCPT14-16	14-02091_RS16b	15	800	11.975	Not Achieved		0.0	307	100	2.3
RSCPT14-16	14-02091_RS16b	15	3200	12.475	15.8	-3.4				
RSCPT14-16	14-02091_RS16c	15	900	8.975	Not Achieved		0.0	611	100	1.2
RSCPT14-17	14-02091_RS17	15	825	4.400	Not Achieved					
RSCPT14-17	14-02091_RS17	15	4500	4.975	Not Achieved		0.0	3584	100	0.2



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RSCPT14-17	14-02091_RS17	15	3900	6.200	Not Achieved		0.0	2842	100	0.3
RSCPT14-17	14-02091_RS17	15	1800	9.025	Not Achieved		0.0	936	100	0.8
RSCPT14-17	14-02091_RS17	15	470	11.175	Not Achieved		0.0	90	100	7.8
RSCPT14-17	14-02091_RS17	15	300	11.275	Not Achieved					
RSCPT14-17	14-02091_RS17	15	900	12.500	Not Achieved		0.0	481	100	1.5
RSCPT14-17	14-02091_RS17	15	825	12.825	Not Achieved		0.0	122	100	5.8
RSCPT14-17	14-02091_RS17	15	500	13.375	13.6	-0.2				
RSCPT14-17	14-02091_RS17	15	1400	13.950	14.4	-0.5				
RSCPT14-18	14-02091_RS18	15	900	11.850	16.2	-4.3				
RSCPT14-19	14-02091_RS19	15	900	4.400	2.4	2.1				
RSCPT14-19	14-02091_RS19	15	400	4.525	2.4	2.1				
RSCPT14-19	14-02091_RS19	15	720	4.650	Not Achieved					
RSCPT14-21	14-02091_RS21	15	710	3.325	Not Achieved					
RSCPT14-21	14-02091_RS21	15	4400	5.000	Not Achieved					
RSCPT14-21	14-02091_RS21	15	3600	10.000	Not Achieved					
RSCPT14-21	14-02091_RS21	15	5450	15.000	Not Achieved					
RSCPT14-21	14-02091_RS21	15	600	15.650	1.5	14.2				
RSCPT14-21	14-02091_RS21	15	935	21.525	Not Achieved					
RSCPT14-21	14-02091_RS21	15	5100	23.025	Not Achieved		14.2	1519	100	0.5
RSCPT14-21	14-02091_RS21	15	300	25.550	1.5	24.1				
RSCPT14-22	14-02091_RS22	15	3400	4.975	Not Achieved		0.1	2868	100	0.2
RSCPT14-22	14-02091_RS22	15	1800	7.000	Not Achieved					
RSCPT14-22	14-02091_RS22	15	1800	9.000	Not Achieved					
RSCPT14-22	14-02091_RS22	15	1000	9.675	Not Achieved		0.1	499	100	1.4
RSCPT14-22	14-02091_RS22	15	1800	10.375	Not Achieved		0.1	1306	100	0.5
RSCPT14-22	14-02091_RS22	15	2300	11.975	Not Achieved		0.1	1589	100	0.4
RSCPT14-22	14-02091_RS22	15	600	14.200	Not Achieved		0.1	261	100	2.7
RSCPT14-22	14-02091_RS22	15	1500	14.900	14.8	0.1				
RSCPT14-22	14-02091_RS22	15	900	15.575	15.5	0.1				
RSCPT14-22	14-02091_RS22	15	1200	15.950	15.8	0.1				
RSCPT14-22	14-02091_RS22	15	1600	18.000	17.8	0.2				
RSCPT14-22	14-02091_RS22	15	300	18.400	Not Achieved					

a. Time is relative to where u_{max} occurred

b. Houlsby and Teh, 1991