




PROJECT: 2012 City of Whitehorse Groundwater Exploration				CLIENT: City of Whitehorse				TESTHOLE NO: TH01-12			
LOCATION: South Riverdale N 6,729,001 E 498,298								PROJECT NO.: 60274244			
CONTRACTOR: Boart-Longyear				METHOD: Sonic Drilling				ELEVATION (m): 656			
SAMPLE TYPE		<input checked="" type="checkbox"/> GRAB	<input type="checkbox"/> SHELBY TUBE	<input checked="" type="checkbox"/> SPLIT SPOON	<input type="checkbox"/> BULK	<input checked="" type="checkbox"/> NO RECOVERY	<input type="checkbox"/> CORE				
BACKFILL TYPE		<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> SLOUGH	<input checked="" type="checkbox"/> GROUT	<input checked="" type="checkbox"/> CUTTINGS	<input type="checkbox"/> SAND				
DEPTH (m)	WELL INSTALLATION	SOIL SYMBOL	SOIL DESCRIPTION				SAMPLE TYPE	SAMPLE #	% RECOVERY	COMMENTS	ELEVATION (m)
0			Topsoil, brown LOAM.							Well Stickup: 0.86 m Well Casing: 152.4 mm OD Sch. 40 PVC.	655
1			Fine SAND and SILT, uniform, with some rootlets.					S1	50		654
2			Coarse SANDY GRAVEL, sub-rounded, grey with some fine sand.								653
3											652
4								S2	100		651
5			Fine to medium SAND, becoming finer with depth. Sub-rounded to sub-angular, light brown.								650
6			- Becoming wet at 6.8 m.								649
7								S3	100		648
8											647
9								S4	100		646
10											645
11											644
12											643
13								S5	50	Poor recovery due to v. saturated sand.	642
14											641
15			- Medium SAND, becoming coarser with depth. Light brown with some gravel.								640
16			GRAVEL, some SAND with trace fines. Rounded to sub-rounded becoming coarser with depth.					S6	100	Well Screen Details: Screen Length: 1.52 m Screen Outer Ø: 96 mm Screen Inner Ø: 85 mm Screen Cap: 10 cm PVC sch. 40 threaded end cap. Slot: 120-slot Details: Threaded Veriperim Stainless Steel Screen. Bottom of screen assembly placed at 17.68 m below ground surface.	639
17			- GRAVEL with some TILL with depth, basalt inclusions. Compact and very hard. Light grey.								638
18			TILL, moist and very tight. Some gravel inclusions.					S7	100		637
19											636
20											635
21											634
22								S8	90		633
23											632
24			MILES CANYON BASALT bedrock, broken clasts from end of drill bit at 24.38 m. Hole terminated at 24.38 m in bedrock.								631
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38											617
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 AECOM Canada Ltd. 2251 2 nd Avenue Whitehorse, Yukon Y1A 7A2						LOGGED BY: Caleb Light		COMPLETION DEPTH: 24.38 m			
						REVIEWED BY: Forest Pearson		COMPLETION DATE: 22/8/12			
						PROJECT ENGINEER: Forest Pearson		Page 1 of 1			