




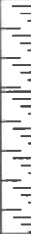

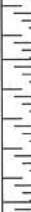










BOREHOLE LOG	PROJECT: 40-680	BOREHOLE: TH1D-04 1 of 2
2004 Groundwater Exploration Program - Test Well Construction Riverdale, Whitehorse, Yukon FOR: City of Whitehorse		DATE: 18 September 2004 LOGGED BY JK/FKP GROUND ELEV 636.68 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	WATER LEVEL	SAMPLE				COMMENTS
					NUMBER	INTERVAL	TYPE	% Rec	
0.2		<u>TOPSOIL</u> Brown loam, rootlets.			A		CS	100	Casing stick up above grade: 0.84 m.
1									
1.7		<u>GRAVEL</u> Tan coarse cobble gravel, trace fine sand and silt, dry. -Becoming olive grey pea gravel, some coarse gravel (rounded), trace silt, wet below about 1.7 m.			B		CS	100	Static water level measured from Top of Casing at 3.21 m on October 18, 2004.
2									
3									
4									
5					C		CS	100	
6									
7									
8		-Olive grey silty fine sand layer, trace fine gravel, encountered from about 7.5 to 7.6 m.			D		CS	100	
8.6		<u>SAND AND GRAVEL</u> (Glaciofluvial) Olive grey pea to coarse gravel (rounded) interbedded with coarse sand, some gravel, wet. Gradational.							
9									
10					E		CS	10	
11									
12									
13									
14					F		CS	100	
15									
16									
17					G		CS	100	
18									
19									
20					H		CS	0	
21									
22									
23		-Increase in silt and clay content below about 22.8 m.			I		CS	100	
24									
25									
25.8		<u>SANDY GRAVEL</u> (Ice Contact Complex) Olive grey silty to sandy gravel. Gravel is subrounded. Local silty sand to sandy silt layers observed throughout.			J		CS	100	
26									
27									
28									
29					K		CS	45	

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2004 Groundwater Exploration Program - Test Well Construction Riverdale, Whitehorse, Yukon FOR: City of Whitehorse		DATE: 18 September 2004 LOGGED BY JK/FKP GROUND ELEV 636.68 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	WATER LEVEL	SAMPLE				COMMENTS			
					NUMBER	INTERVAL	TYPE	% Rec				
31		<u>SANDY GRAVEL</u> (Ice Contact Complex)			L		CS	40	Sieve Analysis at 39.01 m Gravel 36 %, Sand 74 % (54 % Coarse, 5 % Medium, 5 % Fine)			
32												
33												
34												
35												
36.1		<u>GRAVEL</u> (Ice Contact Complex) Olive grey pebble gravel with cobbles, some silt, trace clay, saturated. Gravel is subrounded to subangular.			N		CS	100				
37												
38												
39												
40												
41.5		<u>SAND AND GRAVEL</u> Grey fine to medium sand grading through coarse sand to cobble gravel, saturated.			O		CS	90	Sieved Interval: 40.47 - 43.72 m Screen Type: 25 Slot Stainless Steel			
42.5												
43												
44		<u>SILT TILL</u> Grey silt till, trace to some fine gravel to coarse sand, saturated.			P		CS	100				
44.5												
45					Q		CS	100				
46												
47												
48					R		CS	100				
49												
50												
51												
52												
53.0		Borehole terminated at 52.95 m. Refusal on basalt bedrock.										

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