




Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	KC-MW-1B

SAMPLE TYPE	<input checked="" type="checkbox"/> DISTURBED	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> SPT	<input type="checkbox"/> A-CASING	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> CORE
BACKFILL TYPE	<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND


Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	Borehole already drilled to 41.1 m (135 ft)				0
1					5
2					10
3					15
4					20
5					25
6					30
7					35
8					40
9					45
10					50
11					55
12					60
13					65
14					66
15					
16					
17					
18					
19					
20					

 EBA Engineering Consultants Ltd.	LOGGED BY: AS	COMPLETION DEPTH: 93.9m
	REVIEWED BY: SK	COMPLETE: 4/7/2011
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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20					70
21					75
22					80
23					85
24					90
25					95
26					100
27					105
28					110
29					115
30					120
31					125
32					130
33					135
34					140
35					145
36					150
37					155
38					160
39					165
40					170
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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
60					200
61					205
62	SAND and GRAVEL - poorly graded, saturated, brown with orange and yellow mottling - possible boulder or cobble, dry, hard				210
63	SAND and GRAVEL - well graded, damp, brown and grey				215
64	SAND and GRAVEL - well graded, saturated, grey with minor orange and white		- saturated after air tuned off and rods and casing added		220
65					225
66					230
67	SAND - some gravel, poorly graded, damp, brown and grey - saturated		- damp due to air pushing water back into aquifer		235
68	SAND - some silt, fine grained, damp, dark grey		- slow drilling; returns getting stuck between casing and rods		240
69					245
70	SILT - saturated, dark grey				250
71	- cuttings damp				255
72					260
73			- water added to get returns to surface approx 1-2 GPM		265
74	SAND and GRAVEL and SILT - well graded, sub-rounded to rounded, grey with trace brown and orange				270
75					275
76					280
77					285
78					290
79					295
80	GRAVEL - some sand, some silt, poorly graded, sub-angular, saturated, grey				300
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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
80	gravel with trace sand, yellow and brown		- drilling hard; ODEX not progressing, swapped to DHH - cuttings smaller and more smashed up - large solid cuttings, up to 6 cm x 5 cm x 1 cm		265
81	- decreasing yellow and brown sands, some larger rounded gravel returns BEDROCK - fresh, saturated, dark grey, minor white and orange				270
82					275
83	- becomes dark grey, some white				280
84					285
85	- becomes light grey, some yellow				290
86					295
87					300
88	- becomes slightly weathered, dark grey, some yellow and orange				305
89	- fresh, dark grey, some orange and white				310
90			315		
91	- dark grey, some white, trace gold		320		
92			325		
93			328		
94	EOH @ 93.9 m (308 ft)				
95	NOTES: - sufficient water and depth to meet well construction requirements - target actually 92.4 m (303 ft), however driller drilled 1.5 m (5 ft) extra				
96					
97					
98					
99					
100					

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