

Monitoring Well Installation		CLIENT: Access Consulting Group		PROJECT NO. - BOREHOLE NO.	
Keno City, YT		DRILL: Air Rotary		W23101422-MW-4	
		7086914N; 485205E; Zone 8		KC-MW-4	
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	SAND and GRAVEL - moderately sorted, subangular to subrounded, dry, grey and brown				0
1					5
2	SAND - fine grained, damp, brown				10
3	SAND and GRAVEL - moderately sorted, fine to coarse grained sand, subangular to subrounded, dry, grey and brown - as above with occasional schist fragments and well rounded gravels				15
4	SAND - trace gravel, uniformly sorted, fine grained sand, dry, brown				20
5	SAND and GRAVEL - moderately sorted, fine to coarse grained sand, subangular to subrounded, dry, grey and brown				25
6					30
7					35
8					40
9	SAND and GRAVEL - poorly sorted, fine grained sand, some coarse grained sand, subangular to subrounded, dry, grey, brown and white				45
10	SAND - fine grained, damp, brown				50
11	SAND - uniformly graded, fine grained, moist to wet, brown/slightly grey				55
12	SAND and GRAVEL - poorly sorted, fine grained sand with some coarse grained sand, subangular to subrounded, dry, grey, brown and white				60
13	SAND and GRAVEL - well sorted, coarse grained sand with some fine grained sand, subangular with occasional subrounded gravels, dry, grey, some white and brown				65
14					70
15	SAND - some gravel, poorly sorted, gravel subrounded, dry, brown				75
16	SAND - uniformly sorted, fine grained, damp, brown				80
17	SAND - uniformly sorted, fine grained, moist to wet, brown/slightly grey				85
18	SAND and GRAVEL - moderately sorted, fine to coarse grained, subangular to subrounded, dry, grey, some brown				90
19					95
20					100


  

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	REVIEWED BY: <span style="background-color: black; color: black;">[REDACTED]</span>	COMPLETE: 4/18/2011
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BACKFILL TYPE		<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT
		<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> CORE	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20	SAND and GRAVEL - well sorted, coarse grained sand, some fine grained sand, subangular with some subrounded gravels, dry, grey, some white and brown				70
21					75
22					80
23					85
24					90
25					95
26					100
27	- trace schist present				105
28					110
29					115
30	SAND - well sorted, fine and medium grained sand, dry, grey, brown and light brown				120
31	SAND and GRAVEL - well sorted, coarse grained sand, some fine to medium grained sand, fine grained gravel, rounded to subrounded, dry, grey, brown and white				125
32					130
33	- as above with occasional schist fragments and well rounded gravels				135
34	SILT - soft, moist to damp, brown		- water in returns after casing and rods added - not significant amount - driller started to inject water as cuttings not returning to surface		140
35					145
36	- became dark grey in colour				150
37					155
38			- no water in cuttings after rods and casing added		160
39	SILTY GRAVEL - some sand, moderately sorted, generally subrounded, moist to damp, grey, brown and orange				165
40	SAND and GRAVEL - trace silt, well graded, fine to coarse grained sand, fine grained gravel, subrounded, moist, grey, brown and orange				170

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				<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> CORE
				<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
40	- becoming drier, less silt				
41	SAND and GRAVEL - well graded, fine to coarse grained sand, fine grained gravel, subrounded, dry, grey with some orange and white				135
42	GRAVEL - some sand, moderately to well graded, fine grained gravel, subrounded, dry, grey with trace white				
43	SAND - well graded, fine to medium grained sand, subrounded, dry, grey, brown, orange and white				140
44	GRAVEL and SAND - moderately graded, fine grained gravel and fine grained sand, subrounded, damp, brown, grey, orange and white				145
45	- dry				150
46					155
47	- boulder/cobble to around 46.5 m				160
48					165
49					170
50					175
51					180
52					185
53					190
54					
55					
56					
57	- boulder/cobble to around 56.7 m				
58					
59	SAND - some gravel, well graded, fine to coarse grained sand, fine grained gravel, subangular to subrounded, damp, grey, orange and white				195
60	- saturated				

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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
60					200
61					205
62					210
63					215
64					220
65					225
66					230
67					235
68	SAND - well graded, fine to coarse grained, subrounded to rounded, saturated, brown with grey, white and orange				240
69					245
70					250
71					255
72					260
73					265
74					270
75					275
76					280
77					285
78					290
79	- increasing fine sand and silt		- slow drilling, bit worn?		295
80					300




  

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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
80					265
81					270
82					275
83	EOH @ 82.3 m (270 ft)				280
84	NOTE: bit not drilling, too worn. Bedrock not reached. Hole collapsed to 59.4 m (195 ft) when 4" casing pulled. Redrilled to 67.1 m (220 ft).				285
85					290
86					295
87					300
88					305
89					310
90					315
91					320
92					325
93					328
94					
95					
96					
97					
98					
99					
100					

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