

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
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
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					70
15					75
16					80
17					85
18					90
19					95
20					100

<b>EBA Engineering Consultants Ltd.</b>	LOGGED BY: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	COMPLETION DEPTH: 93.9m
	REVIEWED BY: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	COMPLETE: 4/7/2011
	DRAWING NO:	Page 1 of 5

ENVIRONMENTAL W23101422.GPJ EBA.GDT 11/7/5

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
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"/> CORE	<input type="checkbox"/> SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20					
21					70
22					
23					75
24					
25					80
26					85
27					
28					90
29					95
30					
31					100
32					105
33					
34					110
35					115
36					
37					120
38					125
39					
40					130
					135

<b>EBA Engineering Consultants Ltd.</b>	LOGGED BY: <span style="background-color: black; color: black;">[REDACTED]</span>	COMPLETION DEPTH: 93.9m
	REVIEWED BY: <span style="background-color: black; color: black;">[REDACTED]</span>	COMPLETE: 4/7/2011
	DRAWING NO:	Page 2 of 5




ENVIRONMENTAL W23101422.GPJ EBA.GDT 11/7/5

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 type="checkbox"/> SPT	<input type="checkbox"/> A-CASING	<input type="checkbox"/> SHELBY TUBE
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"/> CORE
					<input type="checkbox"/> SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
40					
41					135
42	SAND and GRAVEL - occasional boulder and cobble, sub-angular to sub-rounded, well graded, damp		-DHH from 41.1 to 43.3 m (135-145 ft); hole caving, swapped to ODEX, reamed out DHH hole		140
43					145
44					150
45					155
46					160
47					165
48					170
49					175
50					180
51					185
52					190
53					195
54					198
55					
56	SAND - silty, some gravel, poorly graded, damp, brown		- drilling noted to be hard by driller		
57	SAND - gravelly, well graded, sub to well rounded, damp, brown		- cuttings dry		
58	SAND and GRAVEL - some silt, poorly graded, saturated, brown with orange and yellow mottling		- left open at 53.3 m (175 ft) for 10 min; water blown to surface when air turned on		
59	SAND - some silt, some gravel, poorly graded, damp, brown				
60					

 <b>EBA Engineering Consultants Ltd.</b>	LOGGED BY: 	COMPLETION DEPTH: 93.9m
	REVIEWED BY: 	COMPLETE: 4/7/2011
	DRAWING NO:	Page 3 of 5

ENVIRONMENTAL W23101422.GPJ EBA.GDT 11/7/5

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
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)
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			- saturated after air tuned off and rods and casing added		220
65	SAND and GRAVEL - well graded, saturated, grey with minor orange and white				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				
75					
76					
77					
78					
79					
80	GRAVEL - some sand, some silt, poorly graded, sub-angular, saturated, grey				



**EBA Engineering Consultants Ltd.**

LOGGED BY: [REDACTED]  
REVIEWED BY: [REDACTED]  
DRAWING NO:

COMPLETION DEPTH: 93.9m  
COMPLETE: 4/7/2011  
Page 4 of 5


ENVIRONMENTAL W23101422.GPJ EBA.GDT 11/7/5

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
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)
80	gravel with trace sand, yellow and brown		- drilling hard; ODEX not progressing, swapped to DHH		265
81	- decreasing yellow and brown sands, some larger rounded gravel returns BEDROCK - fresh, saturated, dark grey, minor white and orange		- cuttings smaller and more smashed up		270
82			- large solid cuttings, up to 6 cm x 5 cm x 1 cm		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					

 <b>EBA Engineering Consultants Ltd.</b>	LOGGED BY: [REDACTED]	COMPLETION DEPTH: 93.9m
	REVIEWED BY: [REDACTED]	COMPLETE: 4/7/2011
	DRAWING NO:	Page 5 of 5

ENVIRONMENTAL W23101422.GPJ EBA.GDT 11/7/5