

FIELD BOREHOLE LOG

Borehole No. 3N-BH12-01

Project Name: Yukon Landfills GPS Coordinates: _____ Project No.: 11-1436-0073 (1600)
 Location: Boaebson SWTF Date: 7-6-12 Time: 06345
 Field Screening Method: 10-slot 2" schd-40 PVC Depth: 197' to 207'
 Boring Method: Air Rotary Model: M5-Dr. Tech Contractor: Midnight Sin Drilling
 Casing/Borehole Diameter: 1 5/8" / 7/8" Weather: 15° overcast Completed by: Calvin Beebe

DEPTH ELEV.	SOIL STRATIGRAPHY	WELL SKETCH	DEPTH SCALE	SAMPLES					SAMPLE DESCRIPTION & BORING NOTES
				Cond.	Type	No.	Recov	PID (ppm)	
0			0						0'-4' G.W. GRAVEL and cobbles, some sand, trace silt, dark brown, moist
10			10						4'-5' Boulder
20			20						
30			30						
40			40						
50			50						5'-10' COBBLES and Boulders with some G.W., trace sand, trace silt, brown, moist
60			60						10'-12' G.W. GRAVEL, well graded, trace sand, brown, moist
70			70						12'-13' SM, silty SAND, some gravel, brown, moist
80			80						13'-22' G.W. GRAVEL, some sand, trace silt, brown, moist
90			90						23'-25' Boulder
100			100						25'-30' G.W. trace sand, blue-grey, dry
110			110						- 1 seam ~ 6" SM, silty sand at 26'-26" 6"
120			120						30'-31' SM-GM, silty SAND and GRAVEL, brown, moist
130			130						31'-36' G.W. GRAVEL, trace sand, blue-grey, dry
140			140						- slightly sandy, 3/4 sand at 34' 3/4"
150			150						36'-36" SM, silty SAND, some gravel, brown, moist
160			160						36'-42' GM-SM, SAND and GRAVEL, some silt, brown, moist
170			170						42'-52.5' G.W. GRAVEL, trace sand, bluish grey, dry, very hard drilling
180			180						52.5' Bedrock.
190			190						- some moisture at 67'
200			200						- some moisture and debris at 141'-70' clayey texture.
210			210						- water (7-8 gpm) 202'

SAMPLE CONDITION
 DISTURBED
 FAIR
 GOOD
 LOST

SAMPLE TYPES
 A.S. - Auger sample
 C.S. - Chunk sample (odex)
 S.S. - Split spoon
 C.C. - Sonic
 D.P. - Direct Push

SPECIAL NOTES:
 Est. Volume of drill H₂O used: _____ L(sonic)
 Depth of H₂O: _____
 Drum No.: _____ Date: _____ Time: _____

Inside casing 71' bg

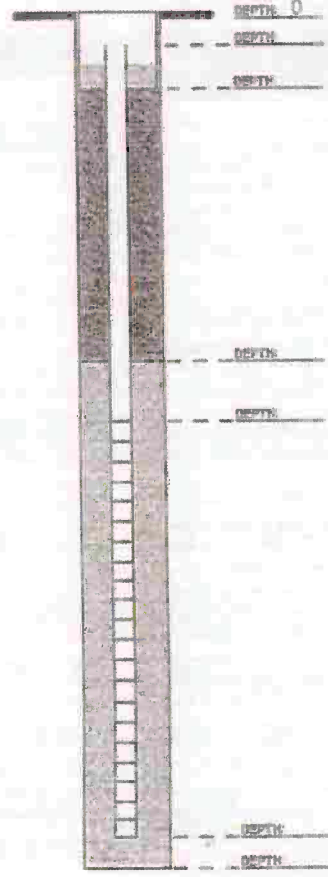


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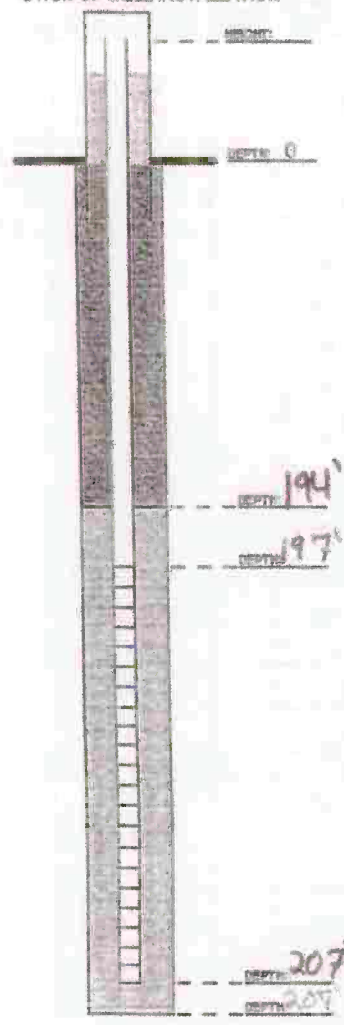
Borehole No: BN-BH12-01

Well ID: RN-MCH17-01
 Water Level (mbisc): 10.95m
 Well Depth (mbisc): 63.09m
 Date: 10-6-11
 Borehole Diameter: 6"

FLUSHMOUNT WELL INSTALLATION



STICK-UP WELL INSTALLATION



ft	m	ft	m
1	0.3	41	12.5
2	0.6	42	12.8
3	0.9	43	13.1
4	1.2	44	13.4
5	1.5	45	13.7
6	1.8	46	14.0
7	2.1	47	14.3
8	2.4	48	14.6
9	2.7	49	14.9
10	3.0	50	15.2
11	3.4	51	15.5
12	3.7	52	15.8
13	4.0	53	16.1
14	4.3	54	16.4
15	4.6	55	16.8
16	4.9	56	17.1
17	5.2	57	17.4
18	5.5	58	17.7
19	5.8	59	18.0
20	6.1	60	18.3
21	6.4	61	18.6
22	6.7	62	18.9
23	7.0	63	19.2
24	7.3	64	19.5
25	7.6	65	19.8
26	7.9	66	20.1
27	8.2	67	20.4
28	8.5	68	20.7
29	8.8	69	21.0
30	9.1	70	21.3
31	9.4	71	21.6
32	9.7	72	21.9
33	10.0	73	22.2
34	10.3	74	22.5
35	10.7	75	22.8
36	11.0	76	23.1
37	11.3	77	23.4
38	11.6	78	23.7
39	11.9	79	24.0
40	12.2	80	24.3

MONITORING WELL INSTALLATION GUIDELINES

- BENTONITE
- SILICA SAND

Note:
 0.15 meters = 6 inches

