





# FIELD BOREHOLE LOG

Borehole No. HC-BH12-01

Project Name: Yukon Landfills GPS Coordinates: 6879534.2 N Project No.: 11-1436-0073 (2000)  
 Location: Horse Camp 519564.3 E Date: 24-Sep-12 Time: 14:30  
 Field Screening Method: 10-Stat 2" Sample 40 PVC Depth: 55'6" to 45'6"  
 Boring Method: Asst Rotary Model: Contractor: Midnight Sun Drilling  
 Casing/Borehole Diameter: 7 1/4" Weather: 72° Sunny Completed by: Calvin Beebe

DEPTH ELEV.	SOIL STRATIGRAPHY	WELL SKETCH	DEPTH SCALE	SAMPLES					SAMPLE DESCRIPTION & BORING NOTES
				Cond.	Type	No.	Recov	PID (ppm)	
			5						0'-20' GW, GRAVEL (40%) and COBBLES (40%), trace sand, trace silt, greyish brown, dry.
			0						
			5						- moist 8'-26'
			10						- same sand, less cobbles 10'-20'
			15						- 20'-26' same cobbles, trace sand
			20						- 21'-22' Boulder
			25						
			30						26'-57' SW-SAND, some gravel, brown, wet.
			35						water at 35'
			40						
			45						- drilling through top of water column (is not producing water because the loose sand and gravel was almost entirely made of fines, so the air was seeping out into the formation.
			50						
			55						
			60						

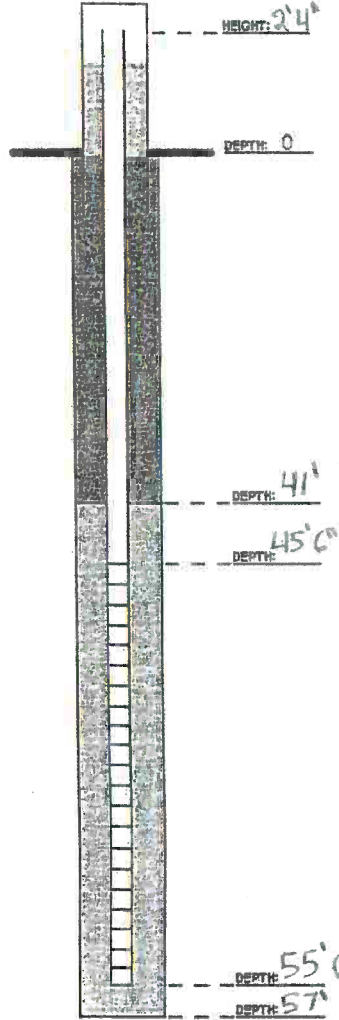
<b>SAMPLE CONDITION</b>  DISTURBED  FAIR  GOOD  LOST	<b>SAMPLE TYPES</b> A.S. - Auger sample C.S. - Chunk sample (odex) S.S. - Spill spoon C.C. - Sonic D.P. - Direct Push	<b>SPECIAL NOTES:</b> Est. Volume of drill H <sub>2</sub> O used: _____ L(sonic) Depth of H <sub>2</sub> O: _____ Drum No.: _____ Date: _____ Time: _____
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# FIELD BOREHOLE LOG

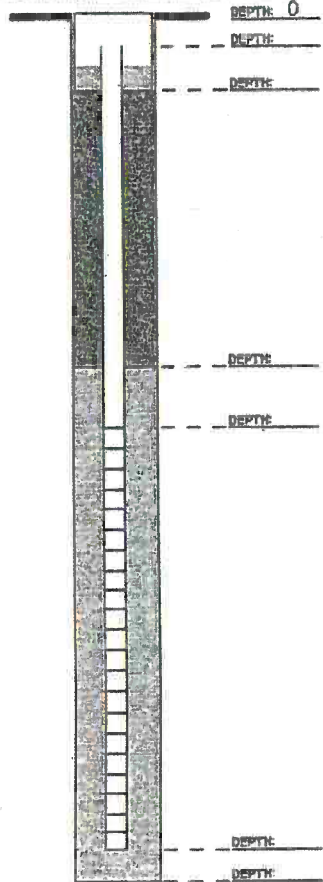
Borehole No. HC-BH12-01

Well ID: HC-MW12-01  
 Water Level (mbloc): 12.05 mbloc  
 Well Depth (mbloc): 16.01 mbloc  
 Date: 21-Jun-12  
 Borehole Diameter: 7 1/4"

## STICK-UP WELL INSTALLATION



## FLUSHMOUNT 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	16.5
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	9.8	72	21.9
33	10.1	73	22.3
34	10.4	74	22.6
35	10.7	75	22.9
36	11.0	76	23.2
37	11.3	77	23.5
38	11.6	78	23.8
39	11.9	79	24.1
40	12.2	80	24.4

### MONITORING WELL INSTALLATION GUIDELINES

- BENTONITE
- SILICA SAND

Note:  
0.15 meters = 6 inches

