

FIELD BOREHOLE LOG

Borehole No. 11C-13H12-02

Project Name: Yukon Landfills GPS Coordinates: 68°24'48.54" N Project No.: 11-1436-0073
 Location: Horse Camp 519537.1 E Date: 25-Jun-12 Time: 09:00
 Field Screening Method: 10" Slot 2" schedule 40 PVC Depth: 45' to 35'
 Boring Method: Air Rotary Model: M5 Drilltech Contractor: Midnight Sun Drilling
 Casing/Borehole Diameter: 7 1/2" Weather: Overcast 20° Completed by: Calvin Beebe

DEPTH ELEV.	SOIL STRATIGRAPHY	WELL SKETCH	DEPTH SCALE	SAMPLES				SAMPLE DESCRIPTION & BORING NOTES
				Cond.	Type	No.	Recov	
			5					0'-2' OH, CLAY dark brown, wet + raw, grad. grading to gravel by 2'
	OH-CLAY		0					
	GW- GRAVEL, some sand, some cobbles, trace silt, dark brown.		5					2'-23' GW GRAVEL, some sand, some cobbles, trace silt, dark brown, wet.
			10					- moist 8'-13'
			15					- layer of coarse gravel 13'-16'
			20					- 16'-23' wet, slightly more silt
	SW SAND, trace gravel, dark brown, wet.		25					23'-40' SW SAND, trace gravel, dark brown, wet.
			30					- some fine gravel 30'-40'
			35					- trace silt 34'-40'
	SW- GW SAND and GRAVEL, trace silt, brown, wet.		40					40'-42' SW- GW SAND and GRAVEL, trace silt, brown, wet.
			45					42'-45' ML, SILT, some rounded gravel, trace sand, grey to brown, moist.
								- producing water at 43'
								- annular collapsed between 41' and 36'

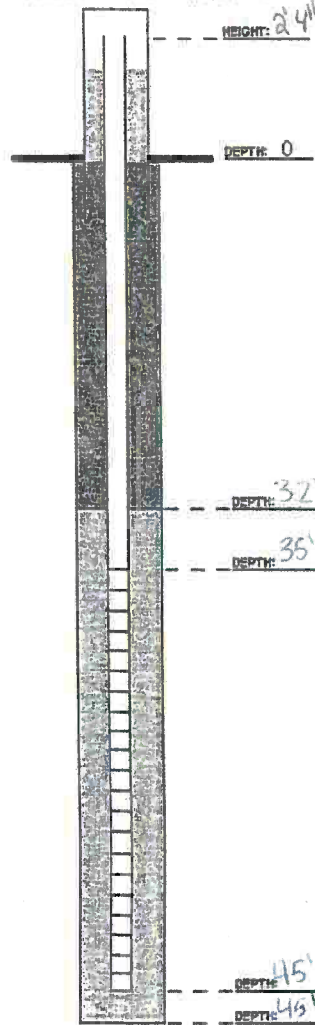
SAMPLE CONDITION DISTURBED FAIR GOOD LOST	SAMPLE TYPES A.S. - Auger sample C.S. - Chunk sample (odex) S.S. - Spill spoon C.C. - Sonic D.P. - Direct Push	SPECIAL NOTES: Est. Volume of drill H ₂ O used: _____ L(sonic) Depth of H ₂ O: _____ Drum No.: _____ Date: _____ Time: _____
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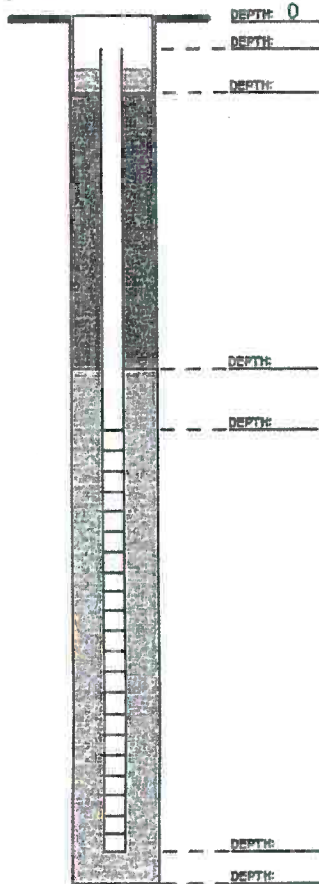
Borehole No. HC-BH12-02

Well ID: HC-MW12-02
 Water Level (mtbc): 11.30
 Well Depth (mtbc): 14.66
 Date: 25-6-12
 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	3.3	51	15.5
12	3.7	52	15.8
13	4.0	53	16.2
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

25' of casing left at well.

