

# FIELD BOREHOLE LOG

Borehole No. BN-BH12-03

Project Name: Yukon Landfills GPS Coordinates: \_\_\_\_\_ Project No.: 11-1436-0073 (1400)  
 Location: Dracburn SWDF Date: 16/6/12 Time: 09:30  
 Field Screening Method: 10-Slot 2" Snd 24 PVC Depth: 52' to 62'  
 Boring Method: Air Rotary Model: MS-D.11elb Contractor: Midnight Sun Drilling  
 Casing/Borehole Diameter: 6 5/8" Weather: Overcast 12° Completed by: Calvin Beebe

DEPTH ELEV.	SOIL STRATIGRAPHY	WELL SKETCH	DEPTH SCALE	SAMPLES					SAMPLE DESCRIPTION & BORING NOTES
				Cond.	Type	No.	Recov	PID (ppm)	
sm	GW- GRAVEL, some sand, some cobbles, brown, moist 5'-6' boulder 7'-9' boulder		0'						0'-1' SM, silty SAND, some gravel, orangish brown and white, dry to moist (topsoil)
5'								1'-6' Gwy, Green-cl. some sand, some cobbles, brown, moist	
10'								5'-6' Ecuber	
15'								6'-7' similar Gwy	
20'								7'-9' boulder	
25'								9'-57' similar Gwy	
30'								57'-77' Bedrock	
35'								-Casing stuck at 57'	
40'								could not remove.	
45'									
50'	Bedrock		55'						
60'									
65'									
70'									
75'									
80'									
85'									
90'									
95'									

**SAMPLE CONDITION**  
 DISTURBED FAIR GOOD LOST

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

**SPECIAL NOTES:**  
 Est. Volume of drill H<sub>2</sub>O used: \_\_\_\_\_ L(sonic)  
 Depth of H<sub>2</sub>O: \_\_\_\_\_  
 Drum No.: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

C:\Users\BriMacdonald\Desktop\New Forms\Field Borehole Log.docm Note: this log is double-sided.

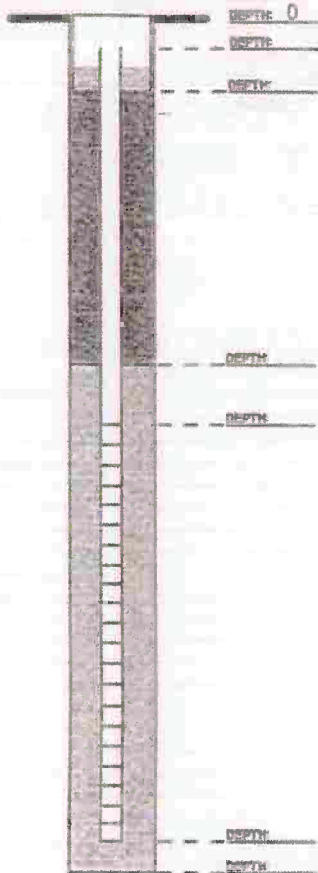
casing 6 5/8" , shoe 7 1/4" , rodhammer 6" OD

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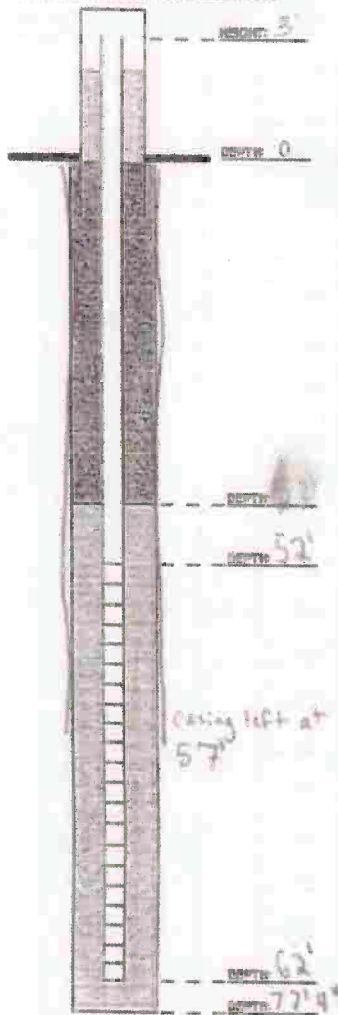
Borehole No. BN-BH12-03

Well ID: BN-BH12-03  
 Water Level (mtdoc): -0.1-  
 Well Depth (mtdoc): \_\_\_\_\_  
 Date: 10/6/12  
 Borehole Diameter: 6"

### FLUSHMOUNT WELL INSTALLATION



### STICK-UP WELL INSTALLATION



FEET	M	FEET	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	16.1
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	10.6	75	22.8
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

Note:  
0.15 meters = 6 inches

### MONITORING WELL INSTALLATION GUIDELINES

BENTONITE SILICA SAND

*Backfilled with silica material.*

*Use of 6" steel casing in*