



BORING LOG

Boring No.: B-101
Page No.: 1 of 2
Pin No.: 11b268
Checked By: J. MacGregor

Boring Crew: J. Leonhardt, K. Owens
Date Started: 9/21/12 Date Finished: 9/24/12
VTSFG NAD83: N 257381.67 ft E 1517692.97 ft
Station: _____ Offset: 24.86W
Ground Elevation: 1933.0 ft

Casing Sampler
Type: WASH BORE SS
I.D.: 4 in 1.38 in
Hammer Wt: 140 lb. 140 lb.
Hammer Fall: 30 in. 30 in.
Hammer/Rod Type: Auto/NWJ
Rig: CME 75 ATV Mounted CE = 1.4

Groundwater Observations		
Date	Depth (ft)	Notes
09/21/12	11.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.0		Augered through asphalt pavement					
2.5	x x x	A-1-b, f.c. GRAVEL, Some f.m.c. Sand, little silt, medium compact, brown/gray, Moist, Rec. = 0.5 ft, Fill	11-12-4-7 (16)	3.8	53.4	28.5	18.1
5.0	x x x	A-4, SILT, Some f. Sand, trace f. gravel, medium compact, brown/red brown, MTW, Rec. = 1.2 ft, Fill	5-6-12-20 (18)				
7.5	x x x	A-2-4					
10.0	o o o	A-2-4, f.c. GRAVEL, Some Silt, Some f.m.c. Sand, very compact, brown/gray, Moist, Rec. = 0.8 ft	48-34-56-32 (90)	11.5	34.4	33.8	31.8
12.5	o o o	A-2-4, f.m.c. SAND, Some f.c. Gravel, Some Silt, very compact, brown, Wet, Rec. = 0.6 ft	17-22-30-31 (52)				
15.0	o o o	A-2-4, f.m.c. SAND, Some Silt, Some f.c. Gravel, compact, brown, Moist, Rec. = 1.2 ft, Zones of weathered rock fragments in sample.	17-20-20-20 (40)				
17.5	o o o	A-4					
20.0	o o o	A-4, SILT, Some f.m.c. Sand, little f.c. gravel, very compact, brown/black, Moist, Rec. = 1.2 ft	25-46-26-26 (72)				
22.5	o o o	A-4, SILT, Some f.m.c. Sand, trace f.c. gravel, medium compact, brown, Wet, Rec. = 1.1 ft	13-12-11-12				

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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27.5	hatched		(23)				
30.0	hatched	A-4, No Recovery, Rec. = 0.0 ft, Coarse gravel in shoe of spoon.	29-27-31-44 (58)				
32.5	hatched						
35.0	hatched	A-4, becomes very compact, Rec. = 1.5 ft	35-80-38-47 (118)				
37.5		Hole stopped @ 36.0 ft					
40.0		Remarks: Groundwater observations made during drilling may not represent static conditions. Drilling difficulty greatly increased at 20'.					
42.5							
45.0							
47.5							

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