



BORING LOG

Boring No.: B-102

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Pin No.: 11b268

Checked By: J. MacGregor



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Boring Crew: J. Leonhardt, K. Owens
Date Started: 9/21/12 Date Finished: 9/21/12
VTSFG NAD83: N 257343.66 ft E 1517727.78 ft
Station: Offset: 13.7E
Ground Elevation: 1933.5 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	

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Groundwater Observations		
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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0		0.0 ft - 0.5 ft, Augered through asphalt pavement.					
2.5		A-1-b, f.m.c. SAND, Some f.c. Gravel, trace silt, compact, brown/gray, Moist, Rec. = 0.4 ft, Fill	11-16-18 (34)				
5.0		A-2-4, f.m.c. SAND, Some Silt, Some f.c. Gravel, medium compact, Dark brown, MTW, Rec. = 0.5 ft, Fill	7-6-8-9 (14)	14.3	29.7	36.8	33.5
10.0		A-4, SILT, Some f.m.c. Sand, little f.c. gravel, trace organics, stiff, brown/gray, MTW, Rec. = 0.4 ft, Fill	6-2-12-4 (14)				
12.5		A-2-4, f.m.c. SAND, Some Silt, Some f.c. Gravel, trace f. gravel, compact, gray, Wet, Rec. = 1.3 ft	11-15-19-39 (34)	12.0	28.4	36.9	34.7
15.0		A-2-4, Similar Soil, Rec. = 1.1 ft	26-24-24-34 (48)	12.5	35.4	40.1	24.5
20.0		A-2-4, Similar Soil, Rec. = 6.0 ft	32-26-20-15 (46)				
22.5		A-2-4, f.m.c. SAND, Some Silt, little f.c. gravel, very compact, brown, Wet, Rec. = 0.6 ft	36-37-27-21				

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.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
27.5		A-2-4, becomes compact, Rec. = 0.9 ft	64				
30.0		A-2-4, becomes very compact, Rec. = 1.0 ft	26-19-21-54 (40)				
35.0		A-4, SILT, little f.m.c. sand, very compact, brown, Wet	86-100-60-64 (160)				
36.0		Hole stopped @ 36.0 ft					
37.5		Remarks: Groundwater observations made during drilling may not represent static conditions. Rollerbit grinding at 3'. Hard difficult drilling 14' to completion.					
40.0							
42.5							
45.0							
47.5							

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