



Boring Crew: S. Clavette, K. Owens
Date Started: 11/17/11 Date Finished: 11/22/11
VTSFG NAD83: N 113456.89 ft E 1592837.58 ft
Station: 102+43.50 Offset: 7R
Ground Elevation: 1066.5 ft

Casing Sampler
Type: WASH BORE SS
I.D.: 4 in 1.25 in
Hammer Wt: 300 lb 140 lb.
Hammer Fall: 30 in. 30 in.
Hammer/Rod Type: Safety
Rig: B53 Mobile CE = 1

Groundwater Observations
Date: 11/17/11 Depth (ft): 14.6 Notes: casing at 14 feet

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5	x x x	(Granular FILL), f.m.c. SAND, Some f.c. Gravel, trace silt, medium compact, brown, moist, Rec. = 0.9 ft			12-11-11-9 (22)					
		(Granular FILL), becomes loose, Rec. = 1.0 ft			7-4-4-8 (8)					
		(Fine Grained FILL), Clayey SILT, little f.m.c. sand, trace f.c. gravel, trace organics, medium compact, brown, moist, Rec. = 1.4 ft			4-6-6-6 (12)					
		(Fine Grained FILL), Similar Soil, Rec. = 1.4 ft			6-6-7-9 (13)					
10	x x x	(Fine Grained FILL), Similar Soil, Rec. = 1.2 ft			2-4-7-13 (11)					
		(SM), f.m.c. SAND, little silt, trace f. gravel, medium compact, brown, moist			29-44-27-25 (71)					
		(SM), f.m.c. SAND, Some f.c. Gravel, little silt, very compact, grayish brown, moist, Rec. = 0.4 ft			29-34-32-29 (66)					
15	x x x	(SM), f.m.c. SAND, little silt, compact, brown, wet, Rec. = 1.0 ft			14-19-23-31 (42)					
		(ML), SILT, little f. sand, trace f. gravel, compact, brown, wet			35-37-50/5- (>100)	24.4	1.8	16.3	81.9	
20	x x x	(ML), becomes very compact, Rec. = 1.0 ft			26-47-50/4- (>100)					
		(ML), Similar Soil, Rec. = 0.9 ft			19-25-25-30 (50)					
25	x x x	(ML), SILT, trace f.m.c. sand, very compact, brown, wet, Rec. = 0.6 ft, Strata change based on change in drilling.								
		(Completely Weathered Bedrock)								
30	x x x	(Completely Weathered Bedrock)								
		(Completely Weathered Bedrock), SILT, Some f.m.c. Sand, trace f.c. gravel, very compact, brown/black/orange, moist, Rec. = 0.7 ft			31-92-58 (>100)					

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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40	x x x	35.5 ft - 40.5 ft, White/gray/brown, Schist, very close fracture spacing. Medium hard, Moderately to severely weathered, NXDC, very poor RQD	R-1	36 (0)	Top of Bedrock	35.5 ft				
		40.5 ft - 42.0 ft, White/gray/brown, Schist, very close fracture spacing. Medium hard, Moderately to severely weathered, NXDC, very poor RQD	R-2	53 (0)						
		42.0 ft - 48.8 ft, White/gray/brown, Schist, close fracture spacing. Medium hard, Moderately weathered, NXDC, poor RQD	R-3	54 (43.4)						
		48.8 ft - 53.4 ft, White/gray/brown, Schist, close fracture spacing. Medium hard, Moderately weathered, NXDC, poor RQD	R-4	72 (46.7)						
55		Hole stopped @ 53.4 ft Boring backfilled with cuttings and bituminous cold patch.								

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