



Boring Crew: JUDKINS, HOOK
Date Started: 9/15/15 Date Finished: 9/17/15
VTSPG NAD83: N 143483.83 ft E 1506741.41 ft
Station: 106+19 Offset: 17.20
Ground Elevation: 2260.3 ft

Type: _____
I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C SKID C = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
09/17/15	27.3	Before Drilling.
09/17/15	7.9	After Drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.6 ft					
		A-1-b, SaGr, Lt/brn, Moist, Rec. = 10.0 ft	12-12-10-13 (22)	5.8	45.5	41.3	13.2
		Field Note: Cleaned out Casing.					
5		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 1.3 ft	11-14-14-17 (28)	9.9	24.8	40.2	35.0
		Field Note: Cleaned out Casing.					
10		A-4, GrSaSi, brn-gry, Moist, Rec. = 0.4 ft	5-6-10-17 (16)	11.4	29.0	32.7	38.3
		Field Note: Cleaned out Casing.					
15		Field Note: No Recovery.	R@1.5" (R)				
		Field Note: Cleaned out Casing.					
20		A-2-4, SaSiGr, brn-gry, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	21-16-15-11 (31)	10.0	37.4	29.8	32.8
		Field Note: Cleaned out Casing.					
25		Field Note: No Recovery.	15-8-6-5 (14)				
		Field Note: Cleaned out Casing.					
30		A-2-4, GrSaSi, brn-gry, MTW, Rec. = 0.9 ft	3-2-1-1 (3)	17.8	25.9	39.7	34.4
		A-1-b, SaGr, brn-gry, MTW, Rec. = 0.6 ft	1-4-5-4 (9)	12.9	49.4	31.7	18.9
		Field Note: Cleaned out Casing.					
35		A-2-4, Sa with little (12.14%) organic material, blk, Moist, Rec. = 0.7 ft, Lab Note: Organic content determined using AASHTO T-267.	4-5-3-1 (8)	75.7	8.6	73.7	17.7
		A-4, SiSa with trace (<5%) organic material, Rec. = 1.1 ft, Lab Note: Organic content determined visually.	2-13-20-24 (33)	22.0	10.3	52.1	37.6
		A-4, GrSaSi, brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	33-22-25-19 (47)	16.4	25.1	27.8	47.1

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



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		A-4, SaGrSi, brn, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	30-R@2.5" (R)	9.6	35.6	28.5	35.9
		A-4, SiSa, brn, Moist, Rec. = 1.3 ft	28-34-25-R@2.5" (59)	13.6	16.6	42.4	41.0
45		Field Note: No Recovery.	R@0.0" (R)				
		A-2-4, SaGrSi, brn, Moist, Rec. = 1.2 ft	36-18-15-12 (33)	12.9	33.6	32.2	34.2
		A-2-4, GrSiSa, gold-brn, Moist, Rec. = 0.9 ft	9-8-9-49 (17)	15.4	22.7	51.6	25.7
50		Visual Description: SaGr, gold-brn, Moist, Rec. = 0.1 ft, Lab Note: Visual Description only. Insufficient sample size for testing.	R@1.5" (R)	7.5			
		Field Note: Cleaned out Casing.					
55		A-2-4, Sa, Lt/brn, Moist, Rec. = 0.3 ft	R@5.0" (R)	9.0	1.7	79.6	18.7
		Field Note: Cleaned out Casing.					
60		Field Note: No Recovery., Clean out barrel was full of cobbles and boulders. Hole stopped @ 60.0 ft	R@0.0" (R)				
		Remarks: Hole Collapsed at 26.0 feet.					
65		1.) Started using CME 45 Track rig at 44.0 feet. 2.) Added bentonite to drilling operation at 44.0 feet. 3.) Very hard drilling from 44.0 feet.					
70							
75							

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