



BORING LOG

CABOT-DANVILLE
FEGC-F 028-3(26) C/2
US-2 BR-87

Boring No.: **B-207**
Page No.: **1 of 2**
Pln No.: **78d347**
Checked By: **END**

Boring Crew: JUDKINS, HOOK
Date Started: 11/18/15 Date Finished: 11/20/15
VTSPG NAD83: N 681895.49 ft E 1700580.40 ft
Station: 15+7.35 Offset: 18.92
Ground Elevation: 1429.83 ft

Type: _____
I.D.: 4 in Casing WB Sampler SS
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 55 TRACK C. = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
11/19/15	8.1	W.T. during drilling
11/20/15	7.7	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.94 ft							
		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	7-10-10-9 (20)	8.7	37.6	46.2	16.2		
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft	14-9-6-8 (15)	12.4	29.1	44.3	26.6		
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft	6-2-3-2 (5)	28.1	5.7	44.8	49.5		
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	3-3-3-3 (6)	26.0	2.5	72.7	24.8		
10		A-4, SiSa, Dk/gry, Moist, Rec. = 2.0 ft, Lab Note: Wood fibers and pieces of wood were within sample.	3-2-3-2 (5)	38.9	1.8	57.3	40.9		
		A-2-4, SiSa, Dk/gry, Moist, Rec. = 1.3 ft, Lab Note: Wood fibers were within sample.	2-20-13-5 (33)	44.7	0.1	76.5	23.4		
		Field Note: Clean out with NXDC							
		Field Note: No Recovery							
		Field Note: Clean out with NXDC							
		Field Note: No Recovery							
		Field Note: Clean out with NXDC							
20		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	12-5-6-5 (11)	14.1	14.8	20.6	64.6		
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	4-6-4-4 (10)	16.8	11.7	22.0	66.3		
		Field Note: Clean out with NXDC							
		Visual Description: SaSi, gry, Moist, Rec. = 0.1 ft, Lab Note: Insufficient sample size for testing.	4-2-5-3 (7)	17.7					
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	5-2-2-3 (4)	16.9	13.6	24.4	62.0		
		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	11-8-11-13 (19)	14.5	16.1	25.3	58.6		
30		Field Note: Clean out with roller cone							
		Field Note: No Recovery	22-25-21-21 (46)						
		Field Note: Clean out with NXDC							
		Field Note: No Recovery	13-20-21-21 (41)						
		Field Note: Clean out with roller cone							
40		A-4, Si, gry, Moist, Rec. = 1.2 ft, Lab Note: Sample tested non-plastic. A thin clay layer was within sample.	6-10-14-20 (24)	29.4	0.1	3.8	96.1		
50		Field Note: Clean out with NXDC							
		Field Note: Clean out with NXDC							
		A-4, Si, gry, Moist, Rec. = 1.9 ft, Lab Note: Sample tested non-plastic. A thin clay layer was within sample.	7-9-11-12 (20)	30.9	0.5	4.7	94.8		

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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11/19/15	8.1	W.T. during drilling
11/20/15	7.7	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note: Clean out with roller cone							
60		A-4, Si, gry, Moist, Rec. = 1.8 ft, Lab Note: Sample tested non-plastic. A thin clay layer was within sample.	7-9-14-13 (23)	31.5		3.6	96.4		
70		Field Note: Clean out with NXDC							
		A-4, ClSi, gry, Moist, Rec. = 1.9 ft	7-8-10-13 (18)	33.0	0.9	0.9	98.2	35	7
80		Field Note: Clean out with NXDC							
		Field Note: No Recovery							
		Field Note: Clean out with NXDC							
90		A-1-b, GrSa, gry, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample.	12-R@5" (R)	13.7	38.5	49.3	12.2		
100		Field Note: Clean out with NXDC							
		Field Note: No Recovery. Appears to be Si Sa.							
		Hole stopped @ 100.4 ft							

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