



BORING LOG

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

Boring No.: **B-205**  
Page No.: **1 of 2**  
Pin No.: **78d347**  
Checked By: **END**

Boring Crew: JUDKINS, HOOK  
Date Started: 11/16/15 Date Finished: 11/17/15  
VTSPG NAD83: N 681931.00 ft E 1700535.32 ft  
Station: 14+69.4 Offset: -21.75  
Ground Elevation: 1426.1 ft

Type: \_\_\_\_\_  
I.D.: WB SS  
Casing 4 in 1.5 in  
Sampler SS 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C TRACK C = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
11/12/15	6.4	W.T. During Drilling
11/13/15	7.9	W.T. During Drilling
11/17/15	7.2	W.T. During Drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiGrSa, Dk/gry, Moist, Rec. = 1.1 ft, Lab Note: Sticks and plant roots were within sample.	WH-1-1-3	14.7	21.0	58.1	20.9
		A-4, SiSa, Dk/gry, Molst, Rec. = 1.2 ft	WH-WH-1-1	25.4	0.1	57.7	42.2
		A-2-4, SiSa, Dk/gry, Moist, Rec. = 2.0 ft	1-1	32.8	0.5	69.9	29.6
		A-4, SiSa, brn-gry, Moist, Rec. = 1.1 ft, Lab Note: Small pieces of wood were within sample.	1-2-1-1	26.5	13.5	50.7	35.8
		A-2-4, Sa, brn, Wet, Rec. = 1.0 ft, Lab Note: Broken rock and small pieces of wood were within sample.	WH-1-7-4	45.6	15.4	69.3	15.3
		A-4, SaGrSi, gry, Moist, Rec. = 0.5 ft	6-8-6	11.1	28.5	27.5	44.0
		A-2-4, Sa, brn, Wet, Rec. = 1.0 ft	6-9-11-8	44.9	17.2	63.6	19.2
		Field Note: Cleanout with NXDC	19-15-13-18	11.7	33.2	32.8	34.0
		A-2-4, SaGrSi, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample.	28	10.2	41.2	22.3	36.5
		A-4, SaSiGr, gry, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample.	9-4-8-5				
		Field Note: Cleanout with NXDC	12-26-32-20	10.7	46.2	20.8	33.0
		Field Note: No Recovery	27-27				
		A-2-4, SaSiGr, gry, Moist, Rec. = 1.1 ft, Lab Note: Broken rock was within sample.	37-R@1"	10.2	38.5	24.4	37.1
		Field Note: Cleanout with NXDC	64				
		A-4, SaSiGr, gry, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample.	14-17	10.7	35.8	22.2	42.0
		A-4, SaGrSi, gry, Moist, Rec. = 1.5 ft, Lab Note: Broken rock was within sample.	20-24				
		Field Note: Cleanout with NXDC	10-10	22.3	0.9	9.0	90.1
		A-4, Si, gry, Moist, Rec. = 1.6 ft	15-16	24.9	0.3	6.6	93.1
		Field Note: Cleanout with NXDC	4-8-8-13				
		A-4, Si, gry, Moist, Rec. = 1.7 ft	16				
		Field Note: Cleanout with roller cone					
		A-4, Si, gry, Moist, Rec. = 1.5 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	5-9-11-16	32.2	0.1	1.1	98.8
		Field Note: Cleanout with roller cone	20				
		Field Note: Cleanout with roller cone					
		A-4, Si, gry, Moist, Rec. = 1.6 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	6-12-14-22	29.1		1.6	98.4
		Field Note: Cleanout with roller cone	26				
		Field Note: Cleanout with roller cone					
		A-4, Si, gry, Moist, Rec. = 1.9 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	5-9-14-18	30.0		0.6	99.4
		Field Note: Cleanout with roller cone	23				
		Field Note: Cleanout with roller cone					
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	5-9-12-15	30.8	0.5	0.6	98.9
		Field Note: Cleanout with NXDC	21				
		Field Note: Cleanout with roller cone					
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	6-13-15-19	29.7		0.3	99.7

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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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: Cleanout with roller cone	(28)				
		A-4, Si, gry, Moist, Rec. = 1.7 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	6-11-15-21	32.0	0.1	0.6	99.3
		Field Note: Cleanout with roller cone	(26)				
		A-4, Si, gry, Moist, Rec. = 0.8 ft, Lab Note: Sample tested non-plastic. Thin layers of clay were within sample.	8-R@3.5"	23.6	6.9	5.9	87.2
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@0"				
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@3.5"				
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@1"				
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@5"				
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@0"				
		Field Note: Cleanout with NXDC	(R)				
		Field Note: No Recovery	R@2.5"				
		Field Note: Cleanout with NXDC	(R)				
		A-4, GRISa, gry, Moist, Rec. = 0.2 ft, Lab Note: Broken rock was within sample	R@5"	9.2	24.8	32.0	43.2
		Field Note: Cleanout with NXDC	(R)				
		Remarks: Hole Collapsed at 28.2 feet. 1.) Appears to be Si Sa with cobbles and boulders 65.0 feet to 95.0 feet. 2.) 30 feet of casing broke off and remains in the ground.					

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