

Bridge Foundation Boring Log

Project: H-09191 Bridge Co Rd 500 E Date: 8/3/09
Section: 07-00104-00-BR Station _____ Bored by: J. Carter
Structure: _____ Checked By: T. Holcomb
County: White

Boring No: <u>2</u>	Station: _____	Offset: _____	Surface Water Elev. _____			Ground Water Elev. _____			
			Elevation	N	Qu tsf	w %	Elevation	N	Qu tsf
Ground Surface <u>379.8</u>			0			During Drilling <u>346.3</u>			
4" A-3 Surface						Upon Completion <u>377.8</u>			
Brown Mottled Gray Silty CLAY (A-6)			6	1.9B	22	-25	12	2.9S	22
			7	no recov.			6	1.0S	26
			-5				8	1.0S	32
			2	0.6B	22	-30			
Brown- Gray Silty CLAY (A-6) to Clayey SILT (A-4)			8	1.5S	24				
Brown Mottled Gray Silty CLAY (A-6)			10	2.5B	23	-35	3	--	29
			-15	7	1.2B	26			
Gray Silty CLAY (A-6)			6	1.5B	22	-40	12	--	17
Gray Fine to Medium SAND (A-2-4)			9	2.9S	18				
			-20						
Gray Silty CLAY (A-6) (A-2-4)			9	2.0S	19				

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu--Unconfined Compressive Strength in tons/sq.ft.
w--Water Content--percentage of oven dry weight--%
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

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			Elevation	N	Qu tsf	w %	Elevation	N	Qu tsf
silty clay (continued)			4.5	11	1.9B	20			
sand (continued)									
Gray SANDSTONE						105	--	18	
						-70			
						100	/1"	--	5
			-50	14	1.6B	20			
						100	/1"	--	5
End of Boring @ -74.0'						-75			
						-80			
Gray CLAY (A-7-6) with sand						-60	16	1.5	28
						-85			
Gray Fine to Medium SAND (A-2-4)						-65	31	--	20

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