

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax Page 1 of 2

Bridge Foundation Boring Log

Project: H-09189 Bridge Co Rd 1200 N Date: 8/4/09
Section: 08-04126-00-BR Station _____ Bored by: D. Russell
Structure: _____ Checked By: J. Holcomb
County: White

Boring No. 1	Station	Offset	Elevation	N	Qu tsf	w %	Surface Water Elev.		
							Ground Water Elev. During Drilling	Upon Completion	
							400.2	391.2	
Ground Surface 417.2							0		
6" Crushed Stone and Clay Mix									
Gray Mottled Brown Silty CLAY (A-6)							6	1.0S	24
							-25	10	2.7B
							390.7		
Gray Mottled Brown Sandy CLAY (A-6)							5	1.6B	22
							-5	14	4.3B
							388.2		
Gray Sandy CLAY (CL) A-6							5	1.0B	23
							-5	20	3.9B
							408.2		
Brown Mottled Gray Sandy CLAY (A-6)							6	2.1S	18
							-10		
							383.2		
Gray Fine to Medium SAND (A-2-4)							5	1.4B	18
							-5	1	--
							5	1.4S	19
							-15		
							400.7		
Brown Clayey SAND (A-2-4)							12	--	20
							-12	15	2.7B
							398.2		
Brown-Gray Sandy CLAY (A-6)							11	3.1S	14
							-20		
							395.7		
Gray-Brown CLAY (A-6)							10	1.7S	20
							-10		
							373.2		
Gray Sandy SILT (A-4)									

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-percent of oven dry weight-%
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

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Boring No. 1	Station	Offset	Elevation	N	Qu tsf	w %	Surface Water Elev.		
							Ground Water Elev. During Drilling	Upon Completion	
							400.2	391.2	
silt (continued)							4.5	9	1.4B
							-25	10	2.7B
							390.7		
Gray Mottled Brown Sandy CLAY (A-6)							5	1.6B	22
							-5	14	4.3B
							388.2		
Gray Sandy CLAY (CL) A-6							5	1.0B	23
							-5	20	3.9B
							408.2		
Brown Mottled Gray Sandy CLAY (A-6)							6	2.1S	18
							-10		
							383.2		
Gray Fine to Medium SAND (A-2-4)							5	1.4B	18
							-5	1	--
							5	1.4S	19
							-15		
							400.7		
Brown Clayey SAND (A-2-4)							12	--	20
							-12	15	2.7B
							398.2		
Brown-Gray Sandy CLAY (A-6)							11	3.1S	14
							-20		
							395.7		
Gray-Brown CLAY (A-6)							10	1.7S	20
							-10		
							373.2		
Gray Sandy SILT (A-4)									

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BORING 1