


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 3/26/14

ROUTE FAU 5789/FAU 5861 DESCRIPTION P92-017-09 Culvert on US 6, WB ramp to IL 84 NB LOGGED BY W. Garza


SECTION 2R-1 LOCATION Colona Twp. - 14SW, SEC. , TWP. 17N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H H	B L O W S	U C S Qu	M O I S T ure	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T ure (%)	Description	Elev. (ft)	D E P T H (ft)	B L O W S (/6")	U C S (tsf)	M O I S T ure (%)
												VERY STIFF gray TILL (continued)	76.30	13	18	3.5	8
												HARD gray TILL		10	15	8.0	8
												Hard Drilling	73.80	19			
												HARD gray TILL		11	14	6.4	8
												End of Boring	71.30	14			
												STIFF light gray SILT with fine SAND lens		3	6	1.2	21
													88.30	8			
												STIFF tan TILL		5	7	1.1	11
													86.30	10			
												HARD tan TILL		8	12	4.6	9
													83.80	16			
												VERY STIFF tan/light gray TILL		10	15	3.5	8
													81.30	19			
												VERY STIFF gray TILL		7	15	3.1	9
													78.80	11			
												VERY STIFF gray TILL		10			
													-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



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												STIFF gray TILL (continued)	78.30	5	6	1.9	11
												MEDIUM brown SILTY CLAY LOAM			0.5	20	
													97.30				
												DENSE gray Road Rock with SAND on top		8	14		
													75.80	21		2.3	12
													95.30				
												STIFF tan SILTY LOAM		4	4	1.4	24
													93.30	7			9
													72.80				
												MEDIUM light gray SILTY LOAM		2	4	0.6	24
													90.80	4			33
													70.30				
												VERY SOFT tan/gray SILT		2	3	0.2	23
													87.80	4			18
													67.80				
												MEDIUM tan SANDY GRAVEL LOAM with SAND lens		3	2	0.6	14
													85.30	4			21
													65.30				
												VERY STIFF tan TILL		4	5	2.3	7
													83.30	8			14
													63.30				
												VERY STIFF tan TILL		5	9	3.8	9
													80.80	10			
													60.80				
												STIFF gray TILL		3			
													-20				

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