


BORING LOGS

STA. 492 + 34

SN 037-1190



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1
Date 5/18/09

ROUTE FAS 226 DESCRIPTION 037-1106 P92-088-09 Box culvert on US 6, .5 m. W. of 950E LOGGED BY W. Garza


SECTION 3T & 3BR-1 LOCATION Edford Twp. - 22NW, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs.	D E P T H	B L O W S	U C S Qu	M O I S T									
												(ft)	(/6")	(tsf)	(%)					
037-1106 492+30						87.00														
B-1a 492+38							648.0													
62.00ft Lt CL																				
655.00																				
MEDIUM brown SILTY CLAY LOAM			0.5	27.0																
			P																	
SOFT brown LOAM		1																		
		2	0.3	36.0																
		3	P																	
MEDIUM dark gray LOAM		0																		
		0	0.5	31.0																
		2	B																	
VERY SOFT tan LOAM		0																		
		1	0.2	23.0																
		1	P																	
MEDIUM tan SANDY LOAM TILL		4																		
		10	5.0	10.0																
		10	P																	
HARD gray CLAY LOAM TILL		4																		
		6	5.8	11.0																
		11	B																	
VERY STIFF gray CLAY LOAM TILL		1																		
		3	3.5	11.0																
		9	B																	
VERY STIFF gray CLAY LOAM TILL		3																		
		6	3.9	11.0																
		9	B																	
HARD gray CLAY LOAM TILL		3																		
		3																		

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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												(ft)	(/6")	(tsf)	(%)					
037-1106 492+30						87.00														
B-2a 492+22																				
16.00ft Rt CL																				
661.70																				
STIFF brown SILTY CLAY LOAM																				
		2.0		21.0																
		P																		
STIFF brown SILTY CLAY LOAM		2																		
		2	1.1	24.0																
		6	P																	
STIFF brown SILTY CLAY LOAM		1																		
		2	1.5	24.0																
		4	P																	
MEDIUM dark brown SILTY CLAY LOAM		2																		
		3	0.8	20.0																
		4	P																	
STIFF tan/gray LOAM		1																		
		4	2.0	15.0																
		7	B																	
VERY STIFF tan LOAM TILL		4																		
		5	2.3	12.0																
		6	B																	
VERY STIFF tan LOAM TILL		1																		
		5	2.3	11.0																
		9	B																	
VERY STIFF tan LOAM TILL with COAL lens		5																		
		9	3.5	10.0																
		13	B																	
HARD gray CLAY LOAM TILL		3																		
		3																		

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