


BORING LOGS

STA. 397 + 12

SN 037-1191



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

SOIL BORING LOG

Page 1 of 2
Date 2/17/12

ROUTE FAS 226 DESCRIPTION 037-1191 P92-088-09 Box Culvert on US 6, .7 m. E. of Talbot Road LOGGED BY Be. Wetzell


SECTION 3T & 3BR-1 LOCATION Edford Twp. - 17SE, 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 ft	B L O W S Qu	U C S Qu	M O I S T %	Surface Water Elev.		D E P T H ft		B L O W S Qu	U C S Qu	M O I S T %
					ft	ft	ft	ft			
037-1191 397+17											
BORING NO. <u>B-2</u> Station <u>396+78</u> Offset <u>18.00ft Lt CL</u> Ground Surface Elev. <u>617.40</u> ft					Groundwater Elev.:						
					First Encounter	<u>602.4</u> ft					
					Upon Completion	<u>Wash</u> ft					
					After	<u> </u> Hrs.					
MEDIUM brown SILTY CLAY LOAM			0.7	19.0	MEDIUM tan fine SAND with GRAVEL						
			P								
	614.90	1									
MEDIUM black SILTY CLAY LOAM		2	0.6	33.0	Wash						
	613.40	3	P		MEDIUM gray CLAY LOAM TILL						
VERY SOFT tan SILTY LOAM		0			SOFT gray CLAY LOAM						
		1	0.2	21.0							
	610.90	2	P								
					SOFT gray CLAY LOAM						
MEDIUM black SILTY CLAY LOAM		1									
	608.40	3	B	27.0							
					SOFT gray CLAY LOAM						
VERY SOFT tan SILTY CLAY LOAM		0									
	605.40	0	0.2	23.0	VERY STIFF gray CLAY LOAM TILL						
		0	B								
VERY LOOSE tan dirty fine SAND		1			Wash						
	603.40	2			MEDIUM gray fine SAND						
VERY LOOSE tan fine SAND		0			STIFF gray SILT						
	600.90	2									
LOOSE tan fine SAND		0			VERY STIFF gray SILTY LOAM						
	598.40	6									

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	ft	ft	ft			
037-1191 397+17											
BORING NO. <u>B-2</u> Station <u>396+78</u> Offset <u>18.00ft Lt CL</u> Ground Surface Elev. <u>617.40</u> ft					Groundwater Elev.:						
					First Encounter	<u>602.4</u> ft					
					Upon Completion	<u>Wash</u> ft					
					After	<u> </u> Hrs.					
VERY STIFF gray SILTY LOAM											
	575.90										
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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