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. 037-1191
Station 397+17

BORING NO. B-2
Station 396+78
Offset 18.00ft Lt CL
Ground Surface Elev. 617.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 602.4 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.7 P	19.0
	614.90				
MEDIUM black SILTY CLAY LOAM			1 2 3	0.6 P	33.0
	613.40	-5			
VERY SOFT tan SILTY LOAM			0 1 2	0.2 P	21.0
	610.90				
MEDIUM black SILTY CLAY LOAM			1 1 3	0.7 B	27.0
	608.40	-10			
VERY SOFT tan SILTY CLAY LOAM			0 0 0	0.2 B	23.0
	605.40				
VERY LOOSE tan dirty fine SAND			1 1 2		
	603.40	▼-15			
VERY LOOSE tan fine SAND			0 1 2		
	600.90				
LOOSE tan fine SAND			0 2 6		
	598.40	-20			
MEDIUM tan fine SAND with GRAVEL			3 10 9		
	595.40				
Wash			1		
MEDIUM gray CLAY LOAM TILL			3 4	1.0 B	15.0
	593.40	-25			
SOFT gray CLAY LOAM			4 4 6	0.4 B	17.0
	590.90				
SOFT gray CLAY LOAM			7 10 11	0.4 B	16.0
	588.40	-30			
VERY STIFF gray CLAY LOAM TILL			4 8 13	2.7 B	14.0
	585.40				
Wash MEDIUM gray fine SAND			8 8 11		
	582.90	-35			
STIFF gray SILT			9 10 10	1.3 S	23.0
	580.90				
VERY STIFF gray SILTY LOAM			7 8 11	2.5 B	20.0
	578.40	-40			

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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Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF gray SILTY LOAM				2.2 S	20.0
	575.90				
End of Boring					
		-45			
		-50			
		-55			
		-60			

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