BORING LOGS
STA. 397 + 12
SN 037–1191

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

SOIL BORING LOG

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Date 2/1/12

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-1
Station 397+42
Offset 18.00ft Rt CL
Ground Surface Elev. 619.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 605.1 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY LOAM					
				0.3 P	23.0
	617.60				
MEDIUM brown SILTY LOAM			2		
			4	0.7 P	24.0
	616.10		4		
VERY SOFT brown SILTY LOAM		-5	0		
			0	0.2 B	27.0
	613.60		3		
MEDIUM black SILTY CLAY LOAM			0		
			2	0.8 B	28.0
	611.10		3		
SOFT black SILTY CLAY LOAM		-10	0		
			0	0.3 B	34.0
	608.60		2		
STIFF gray SILTY LOAM with SAND lenses			1		
			3	1.1 P	22.0
	605.60		4		
VERY LOOSE gray fine SAND	▼	-15	0		
			3		
	603.60		4		
VERY LOOSE tan fine SAND			0		
			0		
	601.10		2		
LOOSE tan fine SAND		-20	6		
LOOSE tan fine SAND (continued)			5		
			3		
	598.10				
STIFF gray CLAY LOAM TILL			1		
			3	1.2 B	15.0
	596.10		4		
STIFF gray CLAY LOAM TILL		-25	0		
			3	1.3 B	16.0
	593.60		4		
VERY STIFF gray CLAY LOAM TILL			1		
			4	2.1 B	17.0
	591.10		7		
VERY STIFF gray CLAY LOAM TILL		-30	2		
			5	2.3 B	16.0
	588.60		8		
VERY STIFF gray CLAY LOAM TILL			4		
			9	2.7 B	16.0
	586.10		15		
VERY STIFF gray CLAY LOAM TILL		-35	3		
			4	2.5 B	16.0
	583.10		7		
LOOSE gray fine SAND			2		
			2		
	581.10		5		
		-40	5		

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 (%)
Wash			5		
LOOSE gray fine SAND (continued)	578.60		5		
End of Boring					
		-45			
		-50			
		-55			
		-60			

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