BORING LOGS
STA. 397 + 12
SN 037-1191

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

SOIL BORING LOG

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	619.60				
				0.3	23.0
				P	
MEDIUM brown SILTY LOAM	617.60		2		
			4	0.7	24.0
			4	P	
VERY SOFT brown SILTY LOAM	616.10	-5	0		
			0	0.2	27.0
			3	B	
MEDIUM black SILTY CLAY LOAM	613.60		0		
			2	0.8	28.0
			3	B	
SOFT black SILTY CLAY LOAM	611.10	-10	0		
			0	0.3	34.0
			2	B	
STIFF gray SILTY LOAM with SAND lenses	608.60		1		
			3	1.1	22.0
			4	P	
VERY LOOSE gray fine SAND	605.60	▼ -15	0		
			3		
			4		
VERY LOOSE tan fine SAND	603.60		0		
			0		
			2		
LOOSE tan fine SAND	601.10	-20	6		
LOOSE tan fine SAND (continued)			5		
			3		
	598.10				
STIFF gray CLAY LOAM TILL			1		
			3	1.2	15.0
			4	B	
STIFF gray CLAY LOAM TILL	596.10	-25	0		
			3	1.3	16.0
			4	B	
VERY STIFF gray CLAY LOAM TILL	593.60		1		
			4	2.1	17.0
			7	B	
VERY STIFF gray CLAY LOAM TILL	591.10	-30	2		
			5	2.3	16.0
			8	B	
VERY STIFF gray CLAY LOAM TILL	588.60		4		
			9	2.7	16.0
			15	B	
VERY STIFF gray CLAY LOAM TILL	586.10	-35	3		
			4	2.5	16.0
			7	B	
LOOSE gray fine SAND	583.10		2		
			2		
			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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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 (%)
Wash			5		
LOOSE gray fine SAND (continued)			5		
	578.60				
End of Boring					
		-45			
		-50			
		-55			
		-60			

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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)

FILE NAME = C:\pw_work\pwidot\cushmanbx\d0169166\D208089-sht-logs.dgn	USER NAME = hagensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.S. RTE. 226	SECTION 3T & 3BR-1	COUNTY HENRY	TOTAL SHEETS 210	SHEET NO. 90
		DRAWN -	REVISED -					CONTRACT NO. 64F25		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		
	PLOT DATE = Wed Oct 24 11:21:09 2012	DATE -	REVISED -							