STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT – Region 3 /Dist. 5

SOIL BORING LOG

Page 1 of 2

Date 4/16/08

ROUTE FAS 1517 (US 150) DESCRIPTION FAS 1517 (US 150) over the Norfolk & Southern R.R. LOGGED BY CNA

SECTION 12VBR-1 LOCATION NE, SEC. 10, TWP. 20N, RNG. 6E, 3rd PM GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 074-0086 Prop.
Station 289+15.28 Prop.

BORING NO. 8 East Abut. – Settlement
Station 290+04
Offset 5.0 ft Rt.
Ground Surface Elev. 727.5 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter 719.5 ft ▼
Upon Completion 721.5 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay	727.5				
	726.5				
Gray to Brown Gray Mottled Silty Clay			2		
			2	0.8	29
			4	B	
			2		
			2	0.8	28
	722.5	–5	2	B	
Brown Silt to Silty Clay with Sand (Wet/Soft) ▽			0		
			1		23
			2		
▼					
			0		
			2	1.4	23
	717.5	–10	2	B	
Brown Sandy Clay Loam Till					
			3		
			4	1.9	12
			7	B	
	714.5				
Gray Sandy Clay Loam Till					
			3		
			4	0.8	13
		–15	6	B	
			3		
			8		15
			10		
	708.5		3		
Gray/Brown/Blue Gray Mottled Sandy Clay Loam Till		–20	9		15
			11		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
(No Sample Obtained)					
Gray/Brown/Blue Gray Mottled Sandy Clay Loam Till (continued)			15		
(Drove Sampler Through Rock/Cobble			21	5.4	12
			11	B	
			4		
			10	9.1	12
		–25	14	B	
	699.5				
Gray Sandy Clay Loam Till					
			2		
			5	3.1	11
		–30	10	B	
			3		
			7	4.5	11
		–35	8	B	
			3		
			5	3.3	11
		–40	8	B	

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

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Groundwater Elev.:
First Encounter 719.5 ft ▼
Upon Completion 721.5 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)					
			2		
			5	2.8	12
		–45	7	B	
			3		
			5	2.7	12
	677.5	–50	6	B	
End of Boring					
		–55			
		–60			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BORING LOGS
STRUCTURE NO. 074-0086

SHEET NO. 24	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	12VBR-1	PIATT	*168*	*109*
25 SHEETS			CONTRACT NO. 70388		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		