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 7/2/08

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

SECTION 12VBR-1 LOCATION SE, 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 West Pier – Settlement
Station 288+79
Offset 0.0 ft CL
Ground Surface Elev. 728.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 721.7 ft ▼
Upon Completion Wash Bored ft
After Hrs. Plugged ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black/Gray Silty Clay (Topsoil) 728.7				
727.7				
Gray/Brown Mottled SiltyClay				
724.7		2		
Brown Mottled Silt to Dirty Sand (Mixed)		3		18
	-5	2		
		1		
▼		1	0.2	23
		2	B	
719.7		2		
Brown Silty Clay Loam Till		2	1.2	15
	-10	3	B	
717.7				
Brown Sandy Clay Loam Till		2		
		3	2.3	11
		7	B	
		3		
		6	2.9	11
	-15	8	B	
712.2				
Gray Sandy Clay Loam Till				
		3		
		6	3.3	8
	-20	9	B	

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)				
		6		
		10	4.1	11
	-25	11	B	
(Drilled Rough for 1')				
		5		
		7	3.5	11
	-30	13	B	
		5		
		6	2.8	11
	-35	7	B	
		3		
		10	3.3	11
	-40	7	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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After Hrs. Plugged ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)				
		5		
		7	2.1	11
	-45	7	B	
		10		
		8	1.7	12
	-50	7	B	
(No Sample Obtained)	-55	12	3.0	
		17	E	
		10		
		12	3.1	10
	-60	16	B	

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)				
665.2				
Gray Dirty Sand to Silt (Mixed)		0		
		0		
	-65	12		
		20		
		39		
658.7	-70	39		
End of Boring				
	-75			
	-80			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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BORING LOGS
STRUCTURE NO. 074-0086

SHEET NO. 25	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25 SHEETS	1517	12VBR-1	PIATT	168	110
			CONTRACT NO. 70388		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		