Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

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Date 1/27/05

ROUTE I-72 DESCRIPTION Overhead Sign Trusses 1-72EB & WB LOGGED BY CNA

SECTION

LOCATION SE. SEC. 8, TWP. 19N, RNG. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 1 5S010I072L182.12
Station 1973+47
Offset 49.0 ft Lt.
Ground Surface Elev. 96.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam (Embankment)	96.1				
(Note: Soil boring for overhead sign truss on I-72WB at offramp to I-57NB)			5		
			7 11	4.8 S	18
		-5			
			2		
			4 4	2.1 B	21
			2		
			4 5	2.1 B	21
		-10			
			2		
	84.1		4 6	2.7 B	12
Brown Sandy Clay Loam Till					
	82.1		2		
Gray Clay Loam Till			3 6	2.7 B	16
		-15			
			4		
			5 9	3.5 B	12
			2		
			6 6	4.3 B	30
		-20			
Gray Clay Loam Till *(continued)*					
(Note: Used top of existing north foundation as benchmark elevation of 100.0')			1		
			3 3	1.4 B	13
	71.1	-25			
End of Boring					
		-30			
		-35			
		-40			

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)

BBS, from 137 (Rev. 8-99

2/16/2005 5:47:32 AM S:\SOILS\BORING LOGS\CHAMPAIGN CNTY\I-72&I-57 INT SIGNTRUSSES.GPJ