Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Date 4/19/61

ROUTE FAI Rt 72 DESCRIPTION Digital Message Sign at CH19 over I-72 LOGGED BY CNA

SECTION DTS Structure LOCATION NW, SEC. 12, TWP. 19N, RNG. 7E, 3rd PM GPS:

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO. 5 S 010 1072 R178.30
Station 1780+09.74

BORING NO. 1 Pier
Station 20+00
Offset 10.0 ft Rt.
Ground Surface Elev. 716.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 676.0 ft ▼
Upon Completion ft
After 3.5 Hrs. 713.5 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Brown Gray Mottled Clay					
		-5	5	1.0 B	18
	710.0				
Very Stiff Brown Gray Mottled Clay Loam Till			15	2.2 B	13
		-10	13	2.1 B	14
			20	2.8 B	11
	702.0				
Hard & Very Stiff Gray Clay Loam Till		-15	17	4.3 B	11
			17	3.0 B	11
		-20			
Hard & Very Stiff Gray Clay Loam Till (continued)			16	2.5 E	14
			17	2.5 E	
		-25			
			19	2.5 E	
			25	4.3 S	10
		-30			
			22	4.0 E	
			20	3.2 B	11
		-35			
			16	2.1 B	12
			17	2.3 B	12
	676.0	-40			

(N Values shown are per 12")

(Boring information shown taken from bridge borings for 010-0146)

End of Boring

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 E-Estimate)
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)

5/13/2013 7:39:45 AM C:\MATERIALS\SOILS\2013 SOILS WORK\MESSAGE BOARDS I-57,74,72\DTS@010-0146.GPJ

FILE NAME = c:\pw_work\pwidot\biggard\d0348463\PTZ camera plans.dgn	USER NAME = biggard	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			VAR.	FY2014 ITS-1	CHAMPAIGN	73	36C
	PLOT SCALE = 1574.0031 ' / in	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 70A26		
$MODELNAME$	PLOT DATE = 4/7/2014	DATE -	REVISED -				ILLINOIS FED. AID PROJECT			

⚠ SHEET ADDED 4-10-14