



SOIL BORING LOG

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
Station R178.30
1780+09.74

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

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
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Stiff Brown Gray Mottled Clay

710.0

5	1.0	18
B		
-5		
15	2.2	13
B		
13	2.1	14
B		
-10		
20	2.8	11
B		
702.0		
17	4.3	11
B		
17	3.0	11
B		
-20		

Hard & Very Stiff Gray Clay Loam Till (continued)

16 2.5 14

17 2.5 E

19 2.5 E

25 4.3 10

22 4.0 E

20 3.2 11

16 2.1 12

17 2.3 12

16	2.5	14
E		
17	2.5	
E		
19	2.5	
E		
25	4.3	10
S		
22	4.0	
E		
20	3.2	11
B		
16	2.1	12
B		
17	2.3	12
B		

Very Stiff Brown Gray Mottled Clay Loam Till

702.0

15	2.2	13
B		
13	2.1	14
B		
-10		
20	2.8	11
B		
702.0		
17	4.3	11
B		
17	3.0	11
B		
-20		

Hard & Very Stiff Gray Clay Loam Till

(N Values shown are per 12")

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

16	2.1	12
B		
17	2.3	12
B		

Hard & Very Stiff Gray Clay Loam Till

676.0

17	4.3	11
B		
17	3.0	11
B		
-20		

End of Boring

676.0

16	2.1	12
B		
17	2.3	12
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 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\MESAGE BOARDS I-57,74,72\DTS\010-0146.GPJ

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	FY2014 ITS-1	CHAMPAIGN	71	34
CONTRACT NO. 70A26			ILLINOIS FED. AID PROJECT	