Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 5/14/13

ROUTE FAI Rt 74 DESCRIPTION Digital Message Sign East of CH 50 Overhead LOGGED BY CNA

SECTION DTS Structure LOCATION SW, SEC. 14, TWP. 20N, RNG. 7E, 3rd PM GPS: 40.19177N, 88.38072W

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 S 010 1074 R172.85
Station 1571+50

BORING NO. 1 Sign Truss
Station 1571+50
Offset 24.0 ft South of EBCL
Ground Surface Elev. 762.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 741.5 ft ▼
Upon Completion Plugged ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Clay Loam (Embankment)			5		
		-5	3 5	1.3 B	17
	756.0				
Black Loam			2		
			4 4	0.6 B	21
	753.0		4		
Brown Clay Loam Till with Intermittent Wet Silt Seams		-10	3 3	1.0 B	21
			5		
			6 7	3.0 B	13
			4		
		-15	6 9	2.6 B	14
			9		
		-20	11 11	3.9 B	12
	741.5 ▼				
Brown Sand Loam to Dirty Sand with Trace of Free Water			4		
	738.0				
Gray Clay Loam Till		-25	5 5	1.6 B	13
	737.0				
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 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)

5/16/2013 10:27:14 AM S:\SOILS\2013 SOILS WORK\MESSAGE BOARDS 1-57,74,72\DTS@CH50.GPJ

Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

Page 1 of 1

Date 12/18/07

ROUTE FAI Rt 74 DESCRIPTION Digital Message Sign at CH 24 over FAI 74 LOGGED BY CNA

SECTION DTS Structure LOCATION NE, SEC. 7, TWP. 19N, RNG. 10E, 3rd PM GPS: 40.1207N, 88.1048W

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 S 010 1074 L189.05
Station 50+19.5

BORING NO. 1 Center Pier
Station 50+10
Offset 23.0 ft Rt.
Ground Surface Elev. 682.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay Loam			3		
		-5	4 4	2.7 B	26
	676.7				
Gray/Brown Silt to Silty Clay			3		
			3 3		23
			2		
			2 4		23
	672.7	-10			
Brown Silty Clay Loam Till			4		
			4 4	2.1 B	15
	670.2				
Gray Silty Clay Loam Till			2		
		-15	2 4	1.2 B	14
			2		
	665.7		3 4	2.5 B	11
Gray Clay Loam Till			2		
		-20	4 6	3.3 B	11
			3		
Gray Clay Loam Till (continued)			4 7	3.9 B	11
		-25			
	655.7				
Gray Sandy Loam Till			2		
		-30	3 4	0.8 B	14
	649.7				
Gray Clay Loam Till			3		
		-35	4 5		11
(Boring information shown taken from bridge borings for 010-0285)			2		
	642.7	-40	5 8	2.8 B	11
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)

5/10/2013 1:18:04 PM C:\MATERIALS\SOILS\2013 SOILS WORK\MESSAGE BOARDS 1-57,74,72\010-0153.GPJ

FILE NAME = c:\pw_work\pwidot\biggsrd\d0340463\PTZ$MODELNAME$	USER NAME = biggsrd	DESIGNED -	REVISED -
	amore plans.dgn	DRAWN -	REVISED -
	PLOT SCALE = 1574.8031 ' / in	CHECKED -	REVISED -
	PLOT DATE = 4/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	FY2014 ITS-1	CHAMPAIGN	73	36B
		CONTRACT NO. 70A26		
		ILLINOIS FED. AID PROJECT		

⚠1 SHEET ADDED 4-10-14