



Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 4/19/06

ROUTE FAI 255 DESCRIPTION ITS Device on I-55/70 WB between IL 157 and I-255 LOGGED BY Sarah Wislock

SECTION Dist 8 ITS 2007-2, 2b LOCATION SW 14, SEC. 29, TWP. 3N, RNG. 8W, 3 PM

COUNTY Madison DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. Station	D E P T H ft	B L O W S Qu	U C S (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
BORING NO. <u>1</u> Station <u>498 + 00</u> Offset <u>78.00R Left</u>					Groundwater Elev.: _____ ft	
					First Encounter _____ ft	
					Upon Completion _____ ft	
					After _____ Hrs. _____ ft	
Rocks and Sand			NC			
			1.25	13		
Brown SILT (Rock)		0.5	16			
(Gray/Brown)		0.75	18			
		0.5	15			
Gray/Brown Sandy SILT		0.75	15			
Black Silt LOAM		1.25	21			
Black Silty Clay LOAM		1.75	21			
End of Hand Auger						
Pocket Penetrometer used for Qu						

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)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	21	21

STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

- * FAI 255 CONTRACT# 76A19
- ** DIST 8 ITS 2007-2, 2B
- *** MADISON & ST. CLAIR



Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 4/19/06

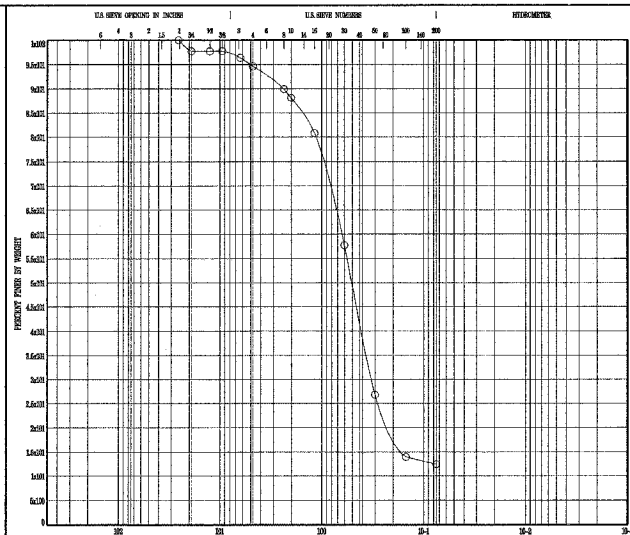
ROUTE FAI 255 DESCRIPTION ITS Device on I-255 NB at Collinsville Road Exit LOGGED BY Sarah Wislock

SECTION Dist 8 ITS 2007-2, 2b LOCATION NW 14, SEC. 6, TWP. 2N, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. Station	D E P T H ft	B L O W S Qu	U C S (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
BORING NO. <u>3</u> Station <u>1229 + 30</u> Offset <u>124.00R Right</u>					Groundwater Elev.: _____ ft	
					First Encounter _____ ft	
					Upon Completion _____ ft	
					After _____ Hrs. _____ ft	
Brown SILT		1.0	15			
		1.0	23			
		0.5	17			
		1.0	21			
(Grey)		1.25	20			
		2.75	18			
		2.75	19			
(Mottled)		1.0	21			
(Brown)		1.25	21			
		1.0	21			
Brown Silt LOAM						
Brown SAND with Silt Nodules See Gradation @ 11 ft			NC			
Dark Gray SILT		1.0	21			
End of Hand Auger						
Pocket Penetrometer used for Qu						

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)



Specimen Identification	GRAVEL		SAND		SILT OR CLAY	
	mm	in	mm	in		
0 3	11.0				6.38	25.58

Specimen Identification	D ₁₀	D ₃₀	D ₅₀	D ₆₀	%Gravel	%Sand	%Silt	%Clay
0 3	11.0	25.5	6.61	6.32	5.5	23.5	12.4	



Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

GRAIN SIZE DISTRIBUTION

Route: FAI 255
 Section: Dist 8 ITS 2007-2, 2b
 County: St. Clair

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
 FAI ROUTE 255
 SECTION DIST 8 ITS 2007-2, 2B
 MADISON & ST. CLAIR COUNTIES

I:\01\TSP\3/22/2006
 c:\p\ro\lectr\fa059066\lectr\1cc\l\isp\nd059066.dgn
 REF
 REF