

Illinois Department  
of Transportation  
Division of Highways  
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/21/08

ROUTE FAI 55 DESCRIPTION I-55 N.B. Sign Truss at Exit 82 (IL-104) LOGGED BY M. Teppan

SECTION LOCATION NW 1/4, SEC. 10, TWP. 13 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. Station	BORING NO. Station Offset	Ground Surface Elev.	D E P T H			Surface Water Elev. Stream Bed Elev.	D E P T H	U C S											
			(ft)	/6"	(tsf)			(ft)	/6"	(tsf)	(%)								
6S0841055R081.7 Ex 513+50	2 Median 513+30 0.0ft cl	633.7				N/A													
Brown and Grey Moist SILTY CLAY (Till) (Fill)			1				4	B											
Brown and Grey Moist SILTY CLAY (Till) (Fill) (continued)			2	1.7	18		1												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			3				3	1.7	21										
Brown and Grey Moist SILTY CLAY (Till) (Fill)			4				4	B											
Brown and Grey Moist SILTY CLAY (Till) (Fill)			5																
Brown and Grey Moist SILTY CLAY (Till) (Fill)			6	1.6	19		1												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			7				3	2.0	27										
Brown and Grey Moist SILTY CLAY (Till) (Fill)			8				4	B											
Brown and Grey Moist SILTY CLAY (Till) (Fill)			9																
Brown and Grey Moist SILTY CLAY (Till) (Fill)			10	1.3	12		1												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			11				3	1.1	27										
Brown and Grey Moist SILTY CLAY (Till) (Fill)			12				4	B											
Brown and Grey Moist SILTY CLAY (Till) (Fill)			13																
Brown and Grey Moist SILTY CLAY (Till) (Fill)			14				1												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			15	1.1	11		3	1.2	27										
Brown and Grey Moist SILTY CLAY (Till) (Fill)			16				4	B											
Brown and Grey Moist SILTY CLAY (Till) (Fill)			17																
Brown and Grey Moist SILTY CLAY (Till) (Fill)			18				1												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			19	1.0	20		3												
Brown and Grey Moist SILTY CLAY (Till) (Fill)			20				4	2.6	19										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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)

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			(ft)	/6"	(tsf)			(ft)	/6"	(tsf)	(%)								
6S0841055R081.7 Ex 513+50	1 Shoulder 513+22 94.0ft Lt	634.1				N/A													
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			1				2												
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			2	1.2	25		3	2.4	16										
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			3				6	B											
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			4																
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			5	3.8	14		1												
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			6				4	3.7	13										
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			7				8	B											
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			8																
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			9	3.8	23		1												
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			10				5	2.7	11										
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			11				6	S-12											
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			12																
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			13	5.4	11		1												
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			14				5	2.1	24										
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			15				7	S-10											
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			16				8	B											
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			17																
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			18				1												
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			19	2.5	11		3	1.2	25										
Dark Grey to Olive Grey Moist SILTY CLAY (Fill)			20				3	B											

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DESIGNED	-	20
CHECKED	-	EXAMINED
DRAWN	-	PASSED
CHECKED	-	ENGINEER OF BRIDGE DESIGN
		ENGINEER OF BRIDGES AND STRUCTURES