

SOIL BORINGS

SN 6C084I055L103.6



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 10/14/11

ROUTE I-55 DESCRIPTION Overhead Sign Rest Area LOGGED BY M. Teppan
SECTION D 6 OVD SIN STR REPL 12-23 LOCATION W 1/2, SEC. 31, TWP. 17N, RNG. 5W, 3 PM
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 6C084I055L103.6 Station 395+95
BORING NO. 1 Station 395+95 Offset 107.00 RT Ground Surface Elev. 557.1 ft
Surface Water Elev. N/A ft Stream Bed Elev. N/A ft
Groundwater Elev.:
 First Encounter 553.1 ft
 Upon Completion Plugged ft
 After 72 Hrs. Plugged ft

DEPTH	LOCUS	UCS	MOIST	DEPTH	LOCUS	UCS	MOIST
(ft)	/6"	(tsf)	(%)	(ft)	/6"	(tsf)	(%)
546.60				546.60			
1				6			
3	1.2	23		100			12
4	S-12			16"			
554.10				5			
1				25			12
1	.70	20		60			
3	B			542.10	-25		
581.60							
1							
2	1.4	23					
3	B						
1							
2	1.2	24					
3	B						
556.60							
1							
1	1.1	23					
3	B						
553.10							
1							
2							
551.60							
1							
10	4.2	21					
12	S-14						
1							
18	1.8	16					
25	S-5						
20							

File Name: S:\SOILBORING\FILES\SANGAMON\SS OVERHEAD SIGN REST AREA\103.6\103.6.DWG Date: 10/14/11 10:14:11 AM User: M. Teppan Job Number: C-08023-12

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)

FILE NAME: S:\Sign Truss Plan Details\46196\46196.DWG	USER NAME: copehberger	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS		F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	Repl.dgn	DRAWN: -	REVISED: -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	VAR	D-6_OVD SIN STR REPL 12-23	SANGAMON	33	33
	PLOT SCALE = 0.1856 ft / in.	CHECKED: -	REVISED: -									CONTRACT NO. 46196
	PLOT DATE = Nov-04-2011 02:05:38PM	DATE: -	REVISED: -								ILLINOIS FED. AID PROJECT	