



SOIL BORING LOG

PAGE 1 of 1
 DATE 12/9/2011
 LOGGED BY RT
 GSI JOB No. 10196

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69
 SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monee Township
 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
 Station: _____
 BORING NO. **CB-03**
 Station: 16044+53 Stuenkel Road
 Offset: 14.0' Right
 Ground Surface Elev. 757.4

DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)	DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)
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DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)	DESCRIPTION	DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)
756.4	AS	-	6	SAND, GRAVEL & STONE (Fill)				
	2					5		100
	3			TOPSOIL-black		5		
754.4	4		19			6	1.8B	20
	1		85	CLAY-gray-stiff to hard (A-6)		3		100
	2	1.45B				3		
	3	12.7%	24	SILTY CLAY-brown & gray-medium stiff to stiff (A-6) Wet		6	1.2B	21
	0		88			5		114
	0					7		
749.4	1	0.5B	28			11	4.8B	15
	2		110			5		110
	3					6		
	7	3.1B	19	CLAY-gray-stiff to hard (A-6)	727.4	10	4.3B	17
	3		116	End Of Boring @ -30.0' Hollow Stem Augers Diedrich Automatic Hammer				
	8							
	12	3.8B	17					
	2		118					
	3							
	5	2.4B	17					
	3		116					
	5							
	7	3.5B	15					
	3		111					
	4							
	5	2.7B	19					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer), ST-Sheby Tube Sample VS-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery.

FILE NAME =	USER NAME =	DESIGNED -	DPS	REVISED	1/6/2014 S.P.
TYLIN INTERNATIONAL		CHECKED -	SP	REVISED	
		PLOT SCALE =	DRAWN -	DPS	REVISED
		PLOT DATE =	CHECKED -	SP	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 099-0610

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	372
CONTRACT NO. 60L69			ILLINOIS FED. AID PROJECT	

SHEET NO. SB-10 OF SB-10 SHEETS

△ Entire Sheet Revised

4-38625 FM 1/31/2014 p:\60262\21-57-b-stuenkel\structural\c-3\interchange\borings\stuenkel\current\drawings\c-3-stuenkel-boring03.dwg