



# SOIL BORING LOG

PAGE 1 of 1  
 DATE 2/13/2012  
 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. **RB-027**  
 Station: 16020+42 Stuenkel Road  
 Offset: 30.0' Left  
 Ground Surface Elev. 756.0

Surface Water Elev. n/a  
 Stream Bed Elev. n/a  
 Groundwater Elevation:  
 First Encounter 752.0  
 Upon Completion 751.0  
 After Hrs.

DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)
0	AS	-	34				
2							
4		1.25P	33				
2			88				
3							
5	3	1.1B	28	-25			
1			103				
2							
4		3.25B	21				
4			108				
4							
10	4	1.4B	21	-30			
-15							
-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator) ST-Shelby 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



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 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. -  
 Station: -  
 BORING NO. **RB-028**  
 Station: 16022+50 Stuenkel Road  
 Offset: 29.6' Right  
 Ground Surface Elev. 756.8

Surface Water Elev. n/a  
 Stream Bed Elev. n/a  
 Groundwater Elevation:  
 First Encounter 747.8  
 Upon Completion 748.3  
 After Hrs.

DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)
0	AS	-	31				
3			108				
3							
4		1.3B	19				
3			89				
5							
5	6	2.1B	27	-25			
2			94				
3							
4		0.9B	27				
3							
3							
10	3	NP	17	-30			
-15							
-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator) ST-Shelby 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

TYLIN INTERNATIONAL

USER NAME	DESIGNED	DPS	REVISED
PROJECT	DRAWN	DPS	REVISED
PL02 DATE	CHECKED	JF	REVISED
	DATE	05/10/2013	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STUENKEL ROAD AT I-57 RIDGELAND AVENUE TO CENTRAL AVENUE  
 SOIL BORING LOGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	643
CONTRACT NO. 60L69				

SCALE: N.T.S. SHEET 4 OF 40 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT