



SOIL BORING LOG

PAGE 1 of 1
 DATE 4/3/2012
 LOGGED BY MD
 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 Diedrich Automatic

STRUCT. NO. - Station: -
 BORING NO. RB-077 Station: 325+84 Ramp C
 Offset: 4.5' Left
 Ground Surface Elev. 760.4

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

Description	DEPTH (ft)	BLOW S (1/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (1/6")	UCS Qu	MOIST (%)
TOPSOIL-black	-	AS	-	35	-			
	2							
	2							
	3	1.75P	24					
CLAY-brown & gray-stiff to hard (A-6)	2			109				
	4	4.25P						
	5	12.7P	19		-25			
	4			111				
	9							
	14	7.7B	18					
CLAY-gray-hard (A-6)	7			109				
	11							
	15	8.9B	18		-30			
End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer	-10							
	-15							
	-20							
	-35							
	-40							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) 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 Diedrich Automatic

STRUCT. NO. - Station: -
 BORING NO. RB-078 Station: 322+97 Ramp C
 Offset: 3.6' Right
 Ground Surface Elev. 763.6

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

Description	DEPTH (ft)	BLOW S (1/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (1/6")	UCS Qu	MOIST (%)
TOPSOIL-black	-	AS	-	27	-			
	2			98				
SILTY CLAY-brown & black-very stiff (A-6) Apparent Fill	3							
	5	2.0B	21					
	2			112				
	4							
	5	2.9B	18		-25			
CLAY-brown & gray-very stiff to hard (A-6)	5			100				
	8							
	9	2.9B	22					
	3			113				
	5							
	10	4.9B	18		-30			
End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer	-10							
	-15							
	-20							
	-35							
	-40							

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 NR-No Recovery