



SOIL BORING LOG

PAGE 1 of 1
 DATE 4/6/2012
 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-059**
 Station: 517+00 Ramp E
 Offset: 8.0' Left
 Ground Surface Elev. 758.7

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

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)
TOPSOIL with Stone-black (Fill)							
AS	-	10					
5		<i>122</i>					
5	11.15						
6	12.7	12					
CLAY to CLAY LOAM-dark brown & gray-hard (A-6) Fill							
3		<i>112</i>					
5							
-5	6	5.4B	16	-25			
CLAY-brown & gray-very stiff (A-6)							
3		<i>105</i>					
4							
6	2.4B	22					
2		<i>105</i>					
4							
-10	5	3.75B	19	-30			
End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer							
-15				-35			
-20				-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-060**
 Station: 520+12 Ramp E
 Offset: 14.4' Left
 Ground Surface Elev. 763.8

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

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)
TOPSOIL with Stone-black (Fill)							
AS	-	21					
1		<i>107</i>					
2							
3	2.9B	18					
SILTY CLAY-dark brown & gray-very stiff (A-6)							
2		<i>85</i>					
3							
-5	6	2.2B	27	-25			
CLAY-brown & gray-hard (A-6)							
7		<i>102</i>					
8	4.1S						
11	14.1	22					
4		<i>105</i>					
9							
-10	11	7.25B	19	-30			
End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer							
-15				-35			
-20				-40			

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 NR-No Recovery