



SOIL BORING LOG

PAGE 1 of 1
DATE 4/12/2012
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-055 Station: 505+00 Ramp E Offset: 5.0' Left Ground Surface Elev. 754.9
Surface Water Elev. n/a Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 749.4 Upon Completion 750.9 After _____ Hrs. _____

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
-	AS	-	22	-	-	-	-
1							
2							
4	1.5P	23					
1			80				
2							
-5	2	0.7B	34	-25			
1							
1	1P	26					
2			100				
-10	3	1.0B	26	-30			
-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 T206) 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-056 Station: 508+00 Ramp E Offset: 5.0' Left Ground Surface Elev. 754.3
Surface Water Elev. n/a Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 748.3 Upon Completion 744.8 After _____ Hrs. _____

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
-	AS	-	25	-	-	-	-
3			98				
3							
4	1.5B	24					
3			110				
4							
-5	4	5.0B	19	-25			
4			110				
5							
6	1.9B	17					
3			113				
5							
-10	7	1.2B	17	-30			
-15				-35			
-20				-40			

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