



# SOIL BORING LOG

PAGE 1 of 1  
DATE 4/5/2012  
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-091  
Station: 421+98 Ramp D  
Offset: 29.2' 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 Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)
0				0			
1	AS	-	30	1			
3			99	3			
5		1.88	23	5			
2				2			
4				4			
5			32	5			25
2				2			
3		1.95	96	3			
4		14.1%	28	4			
2				2			
4				4			
6		4.3B	20	6			30
-10				-10			
-15				-15			
-20				-20			
-35				-35			
-40				-40			

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 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-092  
Station: 425+00 Ramp D  
Offset: 2.9' Right  
Ground Surface Elev. 757.7

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 Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)
0				0			
1	AS	-	35	1			
2				2			
3		2.5P	23	3			
2				2			
5				5			
5		4.3B	17	5			25
5				5			
8				8			
15		7.4B	18	15			
6				6			
6				6			
7		3.5B	17	7			30
-10				-10			
-15				-15			
-20				-20			
-35				-35			
-40				-40			

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