



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-045**
 Station: 103+13 Ramp A
 Offset: 4.6' Left
 Ground Surface Elev. 766.7

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

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
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TOPSOIL-black			
	AS	-	21
	2		84
	2		
	4	1.5B	26
	4		104
	5		
	-5	3.2B	21
	5		112
	7		
	11	6.1B	17
	6		111
	9	6.2S	
	-10	10	12.7%

End Of Boring @ -10.0'
 Hollow Stem Augers
 Diedrich Automatic Hammer

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-046**
 Station: 106+05 Ramp A
 Offset: 19.1' Left
 Ground Surface Elev. 763.3

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

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
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TOPSOIL-black			
	AS	-	20
	4		116
	4	6.0S	
	5	14.1%	15
	2		110
	2		
	-5	2	1.8B
	3		
	3		
	3	1.75P	19
	5		109
	7		
	-10	10	5.4B

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TYLIN INTERNATIONAL

USER NAME	DESIGNED - DPS	REVISED
PLLOT SCALE	DRAWN - DPS	REVISED
PLLOT 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. 57	SECTION 99-1HB-R1	COUNTY WILL	TOTAL SHEETS 679	SHEET NO. 652
SCALE: N.T.S.				SHEET 13 OF 40 SHEETS STA. TO STA.
ILLINOIS FED. AID PROJECT CONTRACT NO. 60L69				