



SOIL BORING LOG

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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-063**
 Station: 234+94 Ramp B
 Offset: 2.2' Left
 Ground Surface Elev. 767.0

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter Upon Completion	After Hrs.
				<u>n/a</u>	<u>n/a</u>		<u>Dry</u>	<u> </u>
							<u>Dry</u>	<u> </u>
							<u> </u>	<u> </u>

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)
-	AS	-	5
5		7.05	111
7		14.1%	16
4			108
4		6.05	
-5		14.1%	17
5			111
8		6.88	18
10			
7			119
9			
-10		6.08	15

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 T208) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery



SOIL BORING LOG

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DATE 4/5/2012

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 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-064**
 Station: 231+98 Ramp B
 Offset: 1.2' Left
 Ground Surface Elev. 764.1

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter Upon Completion	After Hrs.
				<u>n/a</u>	<u>n/a</u>		<u>Dry</u>	<u> </u>
							<u>Dry</u>	<u> </u>
							<u> </u>	<u> </u>

DEPTH (ft)	BLOW S	UCS (tsf)	MOIST (%)
-	AS	-	114
2			106
5		3.48	19
5			
3			112
6			
-5		5.88	19
4			107
8			
12		6.88	18
3			110
6		4.05	
-10		14.1%	16

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 T208) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

TYLIN INTERNATIONAL

USER NAME
 PLOT SCALE
 PLOT DATE

DESIGNED DPS
 DRAWN DPS
 CHECKED JF
 DATE 05/10/2013

REVISED
 REVISED
 REVISED
 REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STUENKEL ROAD AT I-57 RIDGELAND AVENUE TO CENTRAL AVENUE
 SOIL BORING LOGS

SCALE: N.T.S. SHEET 22 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	661
CONTRACT NO. 60L69			ILLINOIS FED. AID PROJECT	