



SOIL BORING LOG

PAGE 1 of 1
 DATE 2/14/2012
 LOGGED BY RT
 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 _____

STRUCT. NO. - Station: -
 BORING NO. RB-021 Station: 16001+28 Stuenkel Road
 Offset: 35.2' Left
 Ground Surface Elev. 768.9

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

DEPTH (ft)	BLOW S (pcf)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (pcf)	UCS (tsf)	MOIST (%)
-	AS	-	38	-	-	-	-
2			94	-	-	-	-
3				-	-	-	-
3	2.3B		24	-	-	-	-
2				-	-	-	-
2				-	-	-	-
-5	3	2.0P	23	-25			
3			114	-	-	-	-
3				-	-	-	-
6	4.2B		18	-	-	-	-
6			107	-	-	-	-
12				-	-	-	-
-10	12	5.5B	17	-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 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 _____

STRUCT. NO. - Station: -
 BORING NO. RB-022 Station: 16004+46 Stuenkel Road
 Offset: 48.8' Right
 Ground Surface Elev. 764.1

Surface Water Elev. n/a
 Stream Bed Elev. n/a
 Groundwater Elevation:
 First Encounter Dry ▼
 Upon Completion 755.6 ▼
 After _____ Hrs. _____ ▼

DEPTH (ft)	BLOW S (pcf)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (pcf)	UCS (tsf)	MOIST (%)
-	AS	-	30	-	-	-	-
2			94	-	-	-	-
3				-	-	-	-
5	1.4B		24	-	-	-	-
1			104	-	-	-	-
1				-	-	-	-
-5	5	0.6B	23	-25			
7			112	-	-	-	-
12				-	-	-	-
13	8.2B		17	-	-	-	-
6			113	-	-	-	-
9				-	-	-	-
-10	13	4.75B	18	-30			
-15				-35			
-20				-40			

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 NR-No Recovery

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

SCALE: N.T.S. SHEET 1 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	640
CONTRACT NO. 60L69			ILLINOIS FED. AID PROJECT	