



SOIL BORING LOG

PAGE 1 of 1
DATE 2/15/2012
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 Diedrich Automatic

STRUCT. NO. -
Station: -
BORING NO. **RB-013**
Station: 15977+46 Stuenkel Road
Offset: 25.0' Left
Ground Surface Elev. 767.8

DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
H	S	Qu	T	<u>n/a</u>	H	S	Qu	T
(ft)	(/6")	(tsf)	(%)	Stream Bed Elev.	(ft)	(/6")	(tsf)	(%)
				<u>n/a</u>				
				Groundwater Elevation:				
				First Encounter <u>Dry</u>				
				Upon Completion <u>761.8</u>				
				After ____ Hrs.				

6.0" TOPSOIL-black				
	AS	-	53	
	4			
	6			
	11	4.5P	17	
	6		110	
	9			
	-5	14	6.5B	17
	7			
	11			
	15	4.5P	18	
	5		110	
	9			
	-10	10	6.5B	19

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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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-014**
Station: 15980+42 Stuenkel Road
Offset: 20.0' Right
Ground Surface Elev. 759.0

DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
H	S	Qu	T	<u>n/a</u>	H	S	Qu	T
(ft)	(/6")	(tsf)	(%)	Stream Bed Elev.	(ft)	(/6")	(tsf)	(%)
				<u>n/a</u>				
				Groundwater Elevation:				
				First Encounter <u>Dry</u>				
				Upon Completion <u>Dry</u>				
				After ____ Hrs.				

10.0" TOPSOIL-black				
	AS	-	24	
	2		104	
	2			
	3	1.9B	20	
	3		92	
	4			
	-5	5	1.5B	25
	4		112	
	8			
	10	7.1B	17	
	5		110	
	9			
	-10	11	6.8B	18

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

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - DPS	REVISED -
PLOT SCALE =	DRAWN - DPS	REVISED -
PLOT DATE =	CHECKED - JF	REVISED -
	DATE - 9/19/2012	REVISED - 11/2/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STUENKEL ROAD AT I-57 (HARLEM AVENUE TO RIDGELAND AVENUE)
SOIL BORING LOGS

SCALE: N.T.S. SHEET 7 OF 17 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-048R	WILL	206	199
CONTRACT NO. 60V41				
ILLINOIS FED. AID PROJECT				