Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 2/20/2012
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-041**
Station: 16064+39 Stuenkel Road
Offset: 38.1' Left
Ground Surface Elev. 764.8

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	AS	–	32
	3		
	6		
	7	2.5P	21
	2		*97*
	4		
–5	5	1.7B	23
	2		*96*
	3		
	4	2.7B	26
	2		*101*
	3		
–10	5	2.3B	23
–15			
–20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
–25			
–30			
–35			
–40			

TOPSOIL–black

SILTY CLAY–dark brown–stiff to very stiff (A–6)

CLAY–brown & gray–very stiff (A–6)

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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SOIL BORING LOG

PAGE 1 of 1
DATE 4/9/2012
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-042**
Station: 16067+30 Stuenkel Road
Offset: 39.5' Right
Ground Surface Elev. 762.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 757.1
Upon Completion 758.6
After _____ Hrs. _____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	AS	–	20
	2		*99*
	2		
	2	1.9B	22
	1		
	2		
–5	1	0.5P	27
	2		
	4		
	6	1.75P	21
	3		
	4		
–10	6	NP	16
–15			
–20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
–25			
–30			
–35			
–40			

TOPSOIL–black

SILTY CLAY–dark brown–stiff (A–6)

SANDY CLAY–brown & gray–medium stiff to stiff (A–6)

SILTY LOAM–gray–medium dense (A–4)

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	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STUENKEL ROAD AT I-57 RIDGELAND AVENUE TO CENTRAL AVENUE SOIL BORING LOGS
	PLOT SCALE	DRAWN DPS	REVISED		SCALE: N.T.S. SHEET 11 OF 40 SHEETS STA. TO STA.
	PLOT DATE	CHECKED JF	REVISED		
		DATE 05/10/2013	REVISED		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	650
		CONTRACT NO. 60L69		
	ILLINOIS FED. AID PROJECT			

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