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 4/12/2012
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-075**
Station: 331+93 Ramp C
Offset: 1.6' Right
Ground Surface Elev. 758.9

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 750.4
Upon Completion 750.9
After _____ Hrs. ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	AS	–	34
	1		*99*
	2		
	4	1.4B	27
	3		
	6		
–5	7	4.5+P	20
	4		
	5		
	6	2.0P	22
▽			
▼	2		*114*
	5		
–10	6	2.4B	18
–15			
–20			
–25			
–30			
–35			
–40			

TOPSOIL–black
SILTY CLAY–dark brown & gray–stiff (A–6) Wet
CLAY–brown & gray–very stiff to hard (A–6)
End Of Boring @ –10.0'
Hollow Stem Augers
CME 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

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 4/3/2012
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-076**
Station: 328+91 Ramp C
Offset: 2.8' Left
Ground Surface Elev. 759.9

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	–	40
	1		*96*
	2		
	3	1.5B	23
	3		*111*
	7	6.8S@	
–5	9	11.3%	19
	5		*106*
	7		
	10	4.1B	19
	4		*109*
	8		
–10	9	6.6B	20
–15			
–20			
–25			
–30			
–35			
–40			

TOPSOIL–black
CLAY–brown & gray–stiff to hard (A–6)
CLAY–gray–hard (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

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - DPS	REVISED -
		DRAWN - DPS	REVISED -
	PLOT SCALE =	CHECKED - JF	REVISED -
	PLOT DATE =	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 28 OF 40 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	667
		CONTRACT NO. 60L69		
		ILLINOIS FED. AID PROJECT		

P:\60\2012\I-57 @ Stuenkel\Road\C_3Interchange\C3_StuenkelBoring28.dgn