							PAGE 1		of _	1	_
Geo Services, Inc.	S	10	L E	3OF	RING LOG		DATE <u>2/14</u>				
Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60565							LOGGED BY	<u>RT</u>			
(630) 355+2838							GSI JOB No.	<u> 10</u>	196		
ROUTE F.A.I. RTE. 57	DESCRIP	TION	<u>I-57</u>	at	Stuenkel Road Interch	ange. Co	ntract No. 6	60L69	•		
SECTION 99-1HB-R-1	LOCATION	N _SI	EC. 4.	5. 1	6, 7 & 8, T. 34 N., F	R. 13 E.,	3rd P.M., N	lonee	Tow	nship	
COUNTY WIII	DRILLING	MET	HOD .	Holle	ow Stem Auger	_ HAMME	R TYPE				
STRUCT. NO	. 🕞	В	Ü	м	Surface Water Elev.	n/a		D	В	U	м
Station:	-   Ĕ	L	С	0	Stream Bed Elev.	n/a	-	E P	L O	c s	ő
BORING NO. RB-017 Station: 15989+46 Stuenkel Road	- IT	W		S	Groundwater Elevatio First Encounter		_	IΤ	W		s T
Offset: <u>35,0' Left</u>	20 70		Qu		Upon Completion	740.9	$\overline{}$	200	S	Qu	22
Ground Surface Elev. 749.4	<u>r</u> (ft)	(/6")	(tsf)	(%)	After Hrs.	10	<u> </u>	(ft)	(/6")	(tsf)	(%
TOPSOIL-black	_	AS	_	29					1		
a doc or stocks. Headershoot		2		99				_			
	:	3	1.9B	23				-			
CIL TY CLAY			1.50	25				_			
SILTY CLAY—brown & gray— stiff to very stiff (A—6)	<u> </u>			0.0				_			
		5		98							
	5	5	2,4B	21				25			
CLAY-brown & gray-hard (A-6)	_	3		111				_			L
grey mana (mana)	-	5 8	4.7B	18							
01 AV	▽ _	6		118				_	ł		
CLAY-gray-very stiff (A-6)		8									
End Of Boring ♥ -10.0°	-10	9	3.8B	16				30			$\vdash$
Hollow Stem Augers Diedrich Automatic Hammer											
Diedrich Automatic Hammer	+							-			$\vdash$
								_			
	\ <del></del>							-	1		
								_	_		

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.
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805 Amherist Court, Suite 204
Noperville, Illinois 60565
(630) 355-2838

## SOIL BORING LOG

PAGE	_1	of	1	
DATE	2/17/	2012		
LOGGE	D BY_	RT		

Naperville, Illinais 60565						200	000 01	-111			_
(630) 355+2838						GSI	JOB No.	_10	196		_
ROUTE F.A.J. RTE. 57	DESCRIP*	TION	<u>I-57</u>	ot at	Stuenkel Road Intercha	nge. Contra	ct No. 6	OL69			_
SECTION 99-1HB-R-1	LOCATION	N _SI	EC. 4.	5, 1	6. 7 & 8. T. 34 N., R.	13 E., 3rd	P.M., N	onee	Tow	nship	
COUNTY WIII	DRILLING	MET	HOD .	Holle	ow Stem Auger	HAMMER TY	PE <u>Die</u>	drich	Auto	omatic	<u>:_</u>
STRUCT. NO  Station:  BORING NORB-018  Station:15992+46 Stuenkel Road  Offset:35.0' Right  Ground Surface Elev766.0	E P T	B L O W S		M O - S T (%)	Groundwater Elevation: First Encounter Upon Completion	n/a Dry Dry	_	45054	B L O ≸ N (€)	UCS Qu (tsf)	MO-ST (%)
15.0" TOPSOIL-black		AS 3	<u> </u>	30 89							
SILTY CLAY—brown & gray— stiff (A—6) Wet	=	3	1.5B					_			
		5		109				_			
		8 10	7.5B	16				<u>-25</u>			
CLAY to CLAY LOAM—brown & gray— hard (A—6)	_	5		110				_			
	· ·	9 14	7.2B	16				_			
	_	4		113							
	<u> </u>	5 8	5.0B	16				<u></u>			
End Of Boring 🕲 —10.0° Hollow Stern Augers Diedrich Automatic Hammer	_							_			
	_							_			
	_							_			
								_			
	20							_			

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

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

STUENKEL ROAD AT 1-57 (HARLEM AVENUE TO RIDGELAND AVENUE)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
COLL PORING LOGG	57	2012-048R	WILL	206	201
SOIL BORING LOGS			CONTRACT	NO. 6	0V41
SCALE: N.T.S. SHEET 9 OF 17 SHEETS STA. TO STA.		ILL INOIS FED. AT	D PROJECT		