Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2888

GSI Job No. 10181-I

SOIL BORING LOG

Page 1 of 2

Date 4/6/12

ROUTE FAP 345 (U.S. Route 20) DESCRIPTION U.S. Route 20 AT Il. Route 47/ Il. Route 72 LOGGED BY VH

SECTION 106-S-N-2 LOCATION NE 1/4, SEC. 30, TWP. T42N, RNG. R7E, 3rd PM

COUNTY Kane DRILLING METHOD Hollow Stem Auger/Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. NA
Station NA

BORING NO. CB-02
Station 37+00
Offset 40.00ft Left
Ground Surface Elev. 915.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 907.0 ft ▼
Upon Completion n/a ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAYEY SAND & GRAVEL-brown	914.50				
CLAY LOAM-brown-hard (Fill)					13
			5		
			5	5.5	10
			5	S	
	912.00				
TOPSOIL-black					
			2		
			4		25
		-5	6		
	909.50				
SILTY SAND & GRAVEL-gray-loose to medium dense					
			2		
			3	NP	18
			3		
becoming brown @ -8.0'					
			5		
			7	NP	12
		-10	9		
	904.50				
SILTY LOAM TO LOAM-gray-medium dense					
			7		
			6	2.3	14
			4	P	
	902.00				
SILTY CLAY LOAM-gray-loose					
			2		
			3	0.8	20
		-15	4	P	
	899.50				
SANDY CLAY LOAM-gray-medium stiff to stiff					
			5		
			6	0.8	12
			3	P	
			8		
			6	3.0	10
		-20	6	P	
SANDY CLAY LOAM-gray-medium stiff to stiff *(continued)*					
			3		
			4	1.5	10
			5	P	
			3		
			5	1.3	10
		-25	5	P	
			3		
			8	1.0	10
			12	P	
	887.00				
CLAY LOAM-gray-medium stiff to stiff					
			5		
			8	0.5	14
		-30	4	P	
			2		
			3	1.3	14
		-35	4	P	
			4		
			8	1.8	13
	875.00	-40	9	P	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Z:\PROJECTS\2010\10181 IDOT VARIOUS VARIOUS GEOTECH, CONTRACT\10181-I IDOT, US-20\10181-I BORING LOGS\10181-I_LOG.GPJ 5/31/12

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Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 907.0 ft ▼
Upon Completion n/a ft
After ___ Hrs. ___ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
End Of Boring @ -40.0'. Boring backfilled with cuttings.				
	-45			
	-50			
	-55			
	-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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PLOT DATE = $DATE$
FILE NAME = $FILEL$

USER NAME =	DESIGNED - MBC	REVISED -	
PLOT SCALE =	DRAWN - SSR	REVISED -	
PLOT DATE =	CHECKED - GFP	REVISED -	
FILE NAME =	DATE - 5/12/14	REVISED -	

DBS STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1008 FAX. (312)857-1056

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II
STRUCTURE NO. 045-2041

SHEET NO. S9 OF S9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	103
		CONTRACT NO. 60T10		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT