Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Kimberly Court, Suite 204
Naperville, Illinois 60565
(630) 355-2828

GSI Job No. 10181-I

SOIL BORING LOG

Page 1 of 2

Date 4/5/12

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

SECTION 106-S-N-2 LOCATION SE 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-03
Station 138+10
Offset 40.00ft Left
Ground Surface Elev. 920.50 ft

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

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND, GRAVEL & STONE-loose (Fill)			5	NP	7
			3 6	NP	7
CLAY EY SAND with GRAVEL-brown-loose (Fill)	917.50		4		
		-5	4 5	NP	15
TOPSOIL-black	915.00		2		
			3 4		44
SILTY CLAY-dark brown & gray-medium stiff	912.50		2		
		-10	2 2	0.5 B	43
			1		
			2 2	0.5 B	24
SAND & GRAVEL-brown-dense	907.50		13		
		-15	19 22	NP	8
SAND-brown-dense	905.00		11		
			14 16	NP	15
SAND & GRAVEL-brown-medium dense	902.50		11		
		-20	12 14	NP	10
CLAY-gray-stiff	900.00		9		
			6 4	1.3 P	14
SANDY LOAM-gray-medium dense	897.50		4		
		-25	11 16	NP	19
SANDY CLAY LOAM-gray-medium stiff to stiff	895.00		9		
			11 14	1.3 P	11
			4		
		-30	7 9	0.7 B	11
SAND & GRAVEL-gray-dense	888.50		7		
		-35	19 24	NP	6
SANDY CLAY LOAM-gray-stiff	883.50		5		
	880.50	-40	7 8	1.1 B	11

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

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Kimberly Court, Suite 204
Naperville, Illinois 60565
(630) 355-2828

GSI Job No. 10181-I

SOIL BORING LOG

Page 2 of 2

Date 4/5/12

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

SECTION 106-S-N-2 LOCATION SE 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-03
Station 138+10
Offset 40.00ft Left
Ground Surface Elev. 920.50 ft

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

Groundwater Elev.:
First Encounter Dry to 10.0' 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)

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

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 I
STRUCTURE NO. 045-2040

SHEET NO. S8 OF S9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	111
		CONTRACT NO. 60T10		

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