



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 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-01
Station 35+25
Offset 35.00ft Right
Ground Surface Elev. 914.00 ft

DEPTH (ft)	BLOW (blows/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (blows/6")	UCS (tsf)	MOIST (%)
913.50				Crushed Stone				
				CLAY LOAM-brown-hard (Fill)				
	5	NP	4			5		
	4	4.5	10			7	0.5	11
	6	P				7	B	
911.00				TOPSOIL-black				
	4					3		
	4		41			5	0.7	11
	5					7	B	
908.50				CLAY LOAM-dark brown & black-very loose (Apparently Fill)				
	0					3		
	1	0.3	27			5	1.0	11
	1	P				9	B	
906.00				SAND & GRAVEL-brown-medium dense				
	5					7		
	7	NP	10			13	2.5	9
	7					15	P	
				becoming gray @ -10.5'				
	7							
	9	NP	10					
	10							
901.00				SILTY SAND-gray-medium dense				
	4					15		
	4	0.7	19			15	NP	16
	5	B				8		
898.50				SILTY LOAM-gray-loose				
	3							
	4	1.3	19					
	5	P						
896.00				SANDY CLAY LOAM-gray-medium stiff to very stiff				
	4					5		
	6	1.3	13			5	1.8	13
	5	P				8	B	

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft
Groundwater Elev.:
First Encounter 904.0 ft ▼
Upon Completion n/a ft
After Hrs. ft

Z:\PROJECTS\2010181 IDOT VARIOUS VARIOUS GEOTECH. CONTRACT\10181-I IDOT US-20\10181-I BORING LOGS\10181-I LOG.GPJ 5/31/12

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)



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				Surface Water Elev. <u>n/a</u> ft Stream Bed Elev. <u>n/a</u> ft
				Groundwater Elev.: First Encounter <u>904.0</u> ft ▼ Upon Completion <u>n/a</u> ft After <u> </u> Hrs. <u> </u> ft
				End Of Boring @ -40.0'. Boring backfilled with cuttings.

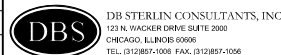
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Stream Bed Elev. n/a ft
Groundwater Elev.:
First Encounter 904.0 ft ▼
Upon Completion n/a ft
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PLOT DATE = \$DATE\$
FILE NAME = \$FILEL\$

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS I
STRUCTURE NO. 045-2041

SHEET NO. 58 OF 59 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	102
CONTRACT NO. 60T10				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				