



GSI Job No. 10181-I

SOIL BORING LOG

Page 1 of 2

Date 4/9/12

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. 31, 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-06 Station 75+70 Offset 30.00ft Left
 Ground Surface Elev. 926.50 ft

DEPTH (ft)	BLOWS (S)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (S)	UCS (tsf)	MOIST (%)
				TOPSOIL-black				
			23					
	2					3		
	2		24			7	1.3	12
	3					12	P	
923.50				CLAYEY SAND & GRAVEL-dark brown & gray-very loose				
	0					6		
	1		25			7	0.8	12
	1					7	P	
921.00				SANDY CLAY LOAM-gray-medium stiff to very stiff				
	2					4		
	3	0.5	11			5	1.0	12
	3	P				6	P	
	5					4		
	4	0.5	12			5	1.5	12
	4	P				7	P	
	6							
	6	0.5	12					
	7	P						
	4					4		
	5	2.0	10			7	1.0	14
	6	P				9	P	
	4							
	7	3.0	11					
	7	P		CLAY LOAM-gray-stiff				
					889.50			
	4					12		
	5	2.3	9			5	1.3	15
	7	P				9	P	
					886.50			

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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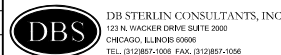
DEPTH (ft)	BLOWS (S)	UCS (tsf)	MOIST (%)	DESCRIPTION
				End Of Boring @ -40.0'. Boring backfilled with cuttings.

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 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)

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

USER NAME =	DESIGNED - MBC	REVISED -
PLOT SCALE =	DRAWN - BA/DS	REVISED -
PLOT DATE =	CHECKED - WPK	REVISED -
FILE NAME =	DATE - 5/19/2014	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II
 STRUCTURE No. 045 0260

SHEET NO. 56 OF 56 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-2	KANE	147	103
CONTRACT NO. 60T09				

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