



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	DEPTWHS (ft)	BLS (in)	UCS (tsf)	MOST (%)	Surface Water Elev. n/a ft	DEPTWHS (ft)	BLS (in)	UCS (tsf)	MOST (%)
Station NA					Stream Bed Elev. n/a ft				
BORING NO. CB-05					Groundwater Elev.: First Encounter Dry to 10.0' ft				
Station 74+80					Upon Completion n/a ft				
Offset 40.00ft Right					After Hrs.				
Ground Surface Elev. 926.90 ft									

TOPSOIL-black	923.90			35	SANDY CLAY LOAM-gray-medium stiff to stiff (continued)				
		2				3			
		2		37		4	0.8	11	
		3				6	P		
SILTY CLAY-dark brown & black-medium stiff	921.40								
		2				3			
		3	0.8	26		3	1.8	11	
		3	P			6	P		
CLAY-brown-very stiff	918.90								
		3				3			
		3	2.0	19		5	1.0	11	
		4	P			7	P		
SANDY CLAY LOAM-brown-loose	916.40								
		3				3			
		4	0.5	12		5	1.5	11	
		5	P			7	P		
SAND-brown-medium dense	913.90								
		8							
		10	NP	19					
		10							
SANDY CLAY LOAM-gray-medium stiff to stiff	889.90								
		3				3			
		5	2.3	11		5	1.8	11	
		7	P			7	P		
		4							
		6	2.0	11					
		6	P						
CLAY LOAM-gray-stiff	886.90								
		3				3			
		5	1.3	12		5	1.0	16	
		6	P			8	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 T208)

BBS, from 137 (Rev. 8-99)



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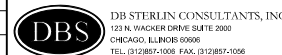
End Of Boring @ -40.0'. Boring backfilled with cuttings.	-45								

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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 I
STRUCTURE No. 045 0260

SHEET NO. 55 OF 56 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-2	KANE	147	102
CONTRACT NO. 60T09				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				