



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-04
Station 138+25
Offset 45.00ft Right
Ground Surface Elev. 916.50 ft

DEPTH (ft)	BLOW (1/6")	UCS (tsf)	MOIST (%)	Surface Water Elev. <u>n/a</u> ft	Stream Bed Elev. <u>n/a</u> ft	DEPTH (ft)	BLOW (1/6")	UCS (tsf)	MOIST (%)
896.00			30						
	4						11		
	4		30				14	NP	15
	4						18		
913.50									
	1						8		
	1	0.5	35				12	4.5	9
	2	B					16	P	
	-5						-25		
911.00									
	3						10		
	3	NP	13				15	4.5	9
	5						15	P	
	8						11		
	11	NP	12				20	4.5	9
	13						24	P	
	-10						-30		
906.00									
	3						13		
	3	0.8	11				22	NP	17
	3	P					31		
	2								
	4	0.8	11						
	4	P					-35		
	-15								
	2								
	3	0.8	10						
	4	P							
	4						7		
	7	1.3	10				9	1.0	13
	8	P					9	P	
	-20						-40		

TOPSOIL-black
SILTY CLAY-dark brown & gray-medium stiff
SAND & GRAVEL-brown & gray-loose to medium dense
SANDY CLAY LOAM-gray-medium stiff to stiff
SAND-brown-dense
SANDY CLAY LOAM-gray-stiff

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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	3						10		
	3	NP	13				15	4.5	9
	5						15	P	
	8						11		
	11	NP	12				20	4.5	9
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	-10						-30		
906.00									
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	4	P					-35		
	-15								
	2								
	3	0.8	10						
	4	P							
	4						7		
	7	1.3	10				9	1.0	13
	8	P					9	P	
	-20						-40		

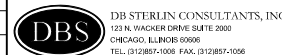
End Of Boring @ -40.0'. Boring backfilled with cuttings.

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BBS, from 137 (Rev. 8-99)

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 II
STRUCTURE NO. 045-2040

SHEET NO. S9 OF S9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	112
CONTRACT NO. 60T10				

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