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## SOIL BORING LOG

PAGE 1 of 1  
DATE 7/26/2011  
LOGGED BY MD  
GSI JOB No. 11092

ROUTE FAP RTE 307 DESCRIPTION II Rte 64 & II Rte 47 Intersection Improvements, Contract No. 62278  
SECTION 126N-1 LOCATION Section 18, T 40 N, R 7 E, 3rd PM, Campton Township  
COUNTY Kane DRILLING METHOD Hollow Stem Auger-Rotary HAMMER TYPE CME Automatic

STRUCT. NO. ---  
Station ---

BORING NO. **RW-07**  
Station 54+59  
Offset 19.0' Left  
Ground Surface Elev. 878.5

	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. <u>n/a</u>				Stream Bed Elev. <u>n/a</u>				Groundwater Elevation:					
					D E P T H (ft)	B L O W S (/6")	U C S Qu	M O I S T (%)	D E P T H (ft)	B L O W S (/6")	U C S Qu	M O I S T (%)	First Encounter	Upon Completion	After _____ Hrs.			
TOPSOIL-black	877.5	AS	-	22														
	2																	
CLAY LOAM-dark brown & black-stiff (A-6) Fill		1																
	2	1.5P	16															
875.5																		
TOPSOIL-black		1																
	2																	
	-5	3	0.5P	21														
873.0																		
SAND & GRAVEL-brown & gray-medium dense (A-1-b)		6																
	7																	
	8	NP	14															
870.5																		
SAND & GRAVEL-brown & gray-medium dense (A-1)		3																
	5																	
	-10	5	NP	9														
868.0																		
GRAVEL-brown-medium dense (A-1-a)		7																
	6																	
	7	NP	4															
865.5																		
CLAY-gray-stiff (A-6)		13																
	8																	
	-15	7	NP	13														
843.5																		
SAND & GRAVEL-brown & gray-loose to medium dense (A-1)		10																
	14																	
	7	NP	11															
	4																	
	4																	
-20	4	NP	15															

End Of Boring @ -35.0'  
Hollow Stem Augers to -10.0'  
Rotary Drilling To Completion  
CME Automatic Hammer  
20.0' Of 4.0"Ø Casing Used

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)  
NR-No Recovery

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 64 AT IL 47 INTERSECTION IMPROVEMENTS SOIL BORING LOGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#	PLOT SCALE = 50.0000' / 1in.	DRAWN - AR	REVISED -			307	126N-1	KANE	156	121	
	PLOT DATE = 9/1/2011	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
		DATE - 09-01-2011	REVISED -			SCALE: SHEET NO. 9 OF 20 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT	