



**Illinois Department of Transportation**  
Division of Highways  
IDOT

# SOIL BORING LOG

Page 1 of 1

Date 12/19/07

ROUTE FAP 66 (US14) DESCRIPTION Over Lawrence Creek Tributary LOGGED BY M. Esposito

SECTION 21-G LOCATION NW 1/4, SEC. 13, TWP. 46N, RNG. 5E, 3<sup>rd</sup> PM

COUNTY McHenry DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 056-2001 (exist.)  
Station 99+97

BORING NO. CB-1  
Station 100+23  
Offset 30.00ft LL CL  
Ground Surface Elev. 951.86 ft

DEPTH H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. <u>948.86</u> ft Stream Bed Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T	Groundwater Elev.: First Encounter <u>944.4</u> ft Upon Completion _____ ft After _____ Hrs.
			24.0	Black SILTY CLAY					Soft Brown SANDY CLAY (continued)
						1			
						2	0.5	22.0	
						3	B		
				Encountered a Cobble @ Approx. 3.0 ft.					929.86
			20.0			3			Stiff Brown SILTY CLAY
						5	1.5	14.0	
						5	B		1 inch Sand Seam @ Approx 23.2 ft.
				Soft to Medium Stiff Brown SILTY CLAY					
						3			
			14.0			6	1.8	13.0	
						8	B		
				Grades w/more Silt 2 inch Sand Seam @ Approx 8.5 ft.					
						3			
			15.0			4	1.8	13.0	
						9	B		
				1 inch Sand Seam @ Approx 10.5 ft.					
						3			
			16.0			7			Note: Very Poor Recovery
						9			
				Grades to Very Stiff Encountered a Cobble @ Approx. 33.8 ft.					
			19.0			4			
						7	2.2	12.0	
			32.0	Loose Dark Brown SILT		11	B		917.86
									End of Boring
				Grades w/more Clay					
			17.0						
						2	0.4		
						3	B		
				Stiff Brown SANDY CLAY					
			21.0			4	1.2		
						5	B		
				Brown SANDY CLAY					

Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

D 10r

BBS, from 137 (Rev. 8-99)

**HBM**  
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USER NAME = mustafa.alobaidi  
FILE NAME = 0560086-60V25-011-Soil Boring Logs2.dgn  
PLOT SCALE = N.T.S.  
PLOT DATE = 5/2/2014

DESIGNED - MAF  
CHECKED - MI  
DRAWN - MAF  
CHECKED - MI, MAI

REVISED  
REVISED  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II  
STRUCTURE NO. 056-0086

SHEET NO. S-11 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
066	21B-R	MCHENRY	40	31
CONTRACT NO. 60V25			ILLINOIS FED. AID PROJECT	