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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310	*	MADISON	239	169A
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 48
48 SHEETS

* 60-15HB-1 CONTRACT NO. 76635

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 5-3-01

ROUTE FAP 310 DESCRIPTION IL 255 over Humbert Road LOGGED BY Larry Ford

SECTION 60-15HB-1 LOCATION NE 1/4, SEC. 23, TWP. 6N, RNG. 10W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0308
Station

BORING NO. HR-SB 4
Station 38+856.5
Offset 10.00m RT CL
Ground Surface Elev. 188.09 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 183.0 m ▼
Upon Completion m
After Hrs. m

DEPTH (m)	BLOWS (150 mm)	UCS Qu (kPa)	MOIST (%)
Gray Silty CLAY (continued)			
	17	1006	
	28	S-5	16
-13.5	6		
	11	412	
	14	S-15	21
174.0			
Gray Clay LOAM			
-15.0	5		
	5	278	
	11	S-10	21
172.5			
Brown Clay LOAM			
-16.5	10		
	19	441	
	24	B	16
-18.0	7		
Brown Clay LOAM (continued)			
169.8			
	10	297	
	14	S-15	17
End of Boring			
-19.5			
-21.0			
-22.5			
-24.0			

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)

DESIGNED	ADL
CHECKED	
DRAWN	ADL/DGM
CHECKED	

SOIL BORING LOGS
FAP RTE. 310 (IL RTE. 255) OVER
CH ROUTE 4 (HUMBERT ROAD)
SECTION 60-15HB-1
MADISON COUNTY
STATION 38+829.909
SN 060-0308 (NB) & 060-0309 (SB)

Klingner & Assoc., P.C.