

12/10/2007 12:12:18 PM

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ROUTE NO.	SECTION	COUNTY	DATE	SHEET
S.B.L. #	F.A.P. #			
	310	MADISON	239	168
FED. ROAD DIST. NO. 7	SL. NO. 8	FED. AID PROJECT		
* 60-15HB-1 CONTRACT NO. 76635				

SHEET NO. 46
48 SHEETS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3
Date 3/13/01

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

SECTION 60-15HB-1 LOCATION NE 14, SEC. 23, TWP. 6N, RNG. 10W, 3 PM

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

STRUCT. NO. 060-0309
Station _____

BORING NO. #2 E. ABUT
Station 38+808
Offset 14.40m LT CL
Ground Surface Elev. 187.87 m

DEPTH (m)	BLOW COUNT (150 mm)	UCS (kPa)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
				m		m		m	
								185.2	185.2
181.4									
2									
3	144								
4	S10	29							
180.7									
-1.5	3								
5	115								
4	S10	30							
2									
3	105								
4	B	24							
179.2									
-3.0	2								
3	105								
3	B	27							
178.3									
2									
4	96								
4	B	25							
183.7									
-4.5	2								
4	96								
5	S15	23							
2									
3	192								
5	S10	19							
-6.0	3								

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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SOIL BORING LOG

Page 2 of 3
Date 3/13/01

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

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Station _____

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Station 38+808
Offset 14.40m LT CL
Ground Surface Elev. 187.87 m

DEPTH (m)	BLOW COUNT (150 mm)	UCS (kPa)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
				m		m		m	
								185.2	185.2
12	335								
15	S15	22							
-13.5	5								
10	335								
15	S15	21							
-15.0	7								
10	297								
12	S15	20							
-16.5	13								
16	489								
25	B	16							
-18.0	6								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SOIL BORING LOG

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

STRUCT. NO. 060-0309
Station _____

BORING NO. #2 E. ABUT
Station 38+808
Offset 14.40m LT CL
Ground Surface Elev. 187.87 m

DEPTH (m)	BLOW COUNT (150 mm)	UCS (kPa)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
				m		m		m	
								185.2	185.2
7	230								
11	S10	20							
-25.5	6								
8	249								
13	S15	20							
-27.0	5								
9	192								
13	S10	22							
160.6									
-28.5									
-30.0									

End of Boring

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.