ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310	60-15HB	MADISON	185	94
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 19
20 SHEETS

CONTRACT NO. 76626

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 6/5/01

ROUTE FAP 310 DESCRIPTION Wenzel Rd over IL 255 LOGGED BY Larry Ford

SECTION 60-15HB LOCATION SE, SEC. 24, TWP. 6N, RNG. 10W, 3 PM

COUNTY FAP 310 DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Hammer

STRUCT. NO. 060-0306
Station

BORING NO. #2 W ABUT
Station 36+330
Offset 25.00m LT CL
Ground Surface Elev. 175.82 m

Surface Water Elev. _____ m
Stream Bed Elev. _____ m

Groundwater Elev.:
First Encounter _____ m
Upon Completion _____ m
After 24 Hrs. 173.4 m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Brown CLAYEY SILT with a trace of SAND A-7-6(18)			
	4		
	4 9	211 S/10	24
-1.5	2		
	4 5	125 S/15	26
174.0			
Brown and Gray SILT with some CLAY and a trace of SAND A-6(11)			
	2		
▽	4 4	105 S/20	24
-3.0	3		
	5 5	105 S/10	24
172.4			
Brown SILT with some SAND and some CLAY A-6(11)			
	3		
	5 6	134 S/15	20
-4.5	4		
	4 7	163 S/15	22
	4		
	5 5	144 S/10	24
-6.0			
Brown SILT with some SAND and some CLAY A-6(11) *(continued)*			
	1 3	77 S/15	18
	4		
	4 6	115	
	9	S/10	13
-7.6	6		
	8 12	172 S/10	13
167.9			
Gray CLAY LOAM w/limestone GRAVEL			
	4		
	8 11	144 S/15	11
-9.0	3		
	11 12	163 S/15	11
165.1			
Brown SAND			
165.6			
Gray CLAY LOAM			
-10.5	9		
	15 16	211 S/10	11
-12.0			

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)

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SOIL BORING LOG

Page 2 of 2

Date 6/5/01

ROUTE FAP 310 DESCRIPTION Wenzel Rd over IL 255 LOGGED BY Larry Ford

SECTION 60-15HB LOCATION SE, SEC. 24, TWP. 6N, RNG. 10W, 3 PM

COUNTY FAP 310 DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Hammer

STRUCT. NO. 060-0306
Station

BORING NO. #2 W ABUT
Station 36+330
Offset 25.00m LT CL
Ground Surface Elev. 175.82 m

Surface Water Elev. _____ m
Stream Bed Elev. _____ m

Groundwater Elev.:
First Encounter _____ m
Upon Completion _____ m
After 24 Hrs. 173.4 m

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Gray CLAY LOAM *(continued)* 163.7	6	383	11
Brown SAND 163.5	18	S/10	
Gray CLAY LOAM	38	NC	18
-13.8	10		
	21 34	575 S/15	12
Gray/Very Weathered Calcareous SHALE 161.7			
-15.6	50/4"		
		NC	17
Brown and Gray Slightly Weathered SHALE 160.2			
-17.4	16 50/4"	888 S/10	14
Gray SHALE 158.7			
-18.9			
Gray SHALE *(continued)* 157.4			
		50/4"	
End of Boring		NC	12
-20.4			

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)

LIN ENGINEERING,LTD.
320 W. Chestnut, Chatham, Illinois 62629
(217) 483-4168 FAX (217) 483-4706
Designed By: MTH | Checked By: PRL | Drawn By: JMD
Date: 02/03 | File: 0600306.DGN

REVISIONS
NAME

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
WENZEL ROAD OVER F.A.P. RTE 310
SECTION 60-15HB
MADISON COUNTY
STA. 36+335.990 (FAP 310)
STA. 10+000.000 (WENZEL ROAD)
STRUCTURE NO. 060-0306