

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
F.A.P. 310	60- 15HB	MADISON	185 98	3
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76626

NOU-14-2881 02:55 IDOT DIST 8 618 346 3282 P.34/38



Illinois Department  
of Transportation

SOIL BORING LOG

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Date 10/17/81

ROUTE FAP 310 DESCRIPTION Wenzel Road over Box Culvert on Branch of Rock Creek LOGGED BY Larry Ford  
SECTION 60-15HB LOCATION SEC. TWP. RNG. PM  
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
Station	H	S	Qu	T	m	H	S	Qu	T
BORING NO.	(150)	(kPa)	(%)		m	(150)	(kPa)	(%)	
Station	mm				mm				
Offset					mm				
Ground Surface Elev.					mm				
Gray and Brown SILT LOAM (F8)					155.00				
	4								
	3	57							
	3	S/5	15						
	2								
	2	38							
	2	S/5	13						
Gray LOAM (F8)					152.3				
	3								
	4	77							
	5	S/10	13						
Gravelly SAND					150.8				
	4								
	5	NC	11						
	2								
	4	NC	15						
Gray CLAYEY GRAVELLY SANDY Mixture					149.0				
	3								
	12		21						
Gray SHALE					150.3				
	50/3*	NC	13						
		NC	10						

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 T208) BBS, from 137 (Rev. 8-88)

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Station	H	S	Qu	T	m	H	S	Qu	T
BORING NO.	(150)	(kPa)	(%)		m	(150)	(kPa)	(%)	
Station	mm				mm				
Offset					mm				
Ground Surface Elev.					mm				
Brown and Gray SILTY SAND					148.8				
	6								
	7	155							
	7	S/5	9						
	4								
	4	S/10	14						
	3								
	3	S/5	18						
	1	88							
	1	S/5	19						
Gray SILTY CLAY LOAM					141.8				
	2								
	2	S/5	23						
Gray SILTY CLAYEY SAND See Gradation @ 5.6m					140.8				
	2								
	2	S/5	23						
Gray CLAY					138.0				
	3								
	3	S/5	27						
Gray SHALE					137.0				
	20								
	37								
	50	NC	11						

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
BORING LOGS  
WENZEL ROAD OVER ROCK CREEK BRANCH  
SECTION 60- 15HB  
MADISON COUNTY  
STA. 10+438.692  
STRUCTURE NUMBER 060-6900

REVISIONS	
NO.	NAME

LIN ENGINEERING, LTD.  
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Designed By: KY Checked By: STD Drawn By: JMD  
Date: 07/83 File: 060-6900A.dwg