



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

## SOIL BORING LOG

Page 1 of 1

Date 10/15/03

ROUTE FAP 42 DESCRIPTION IL 127 over Coon Creek LOGGED BY Mark Schreder

SECTION 2BR LOCATION NW 14, SE 14, SEC. 31, TWP. 1N, RNG. 2W, 3 PM

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

STRUCT. NO. 095-0024  
Station \_\_\_\_\_  
BORING NO. 1  
Station 486+70  
Offset 60.00ft Left  
Ground Surface Elev. 423.1 ft (ft) (6") (tsf) (%)

DEPTH (ft)	BULGE (6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (6")	UCS (tsf)	MOISTURE (%)
				Surface Water Elev. _____ ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: _____ ft				
				First Encounter _____ ft				
				Upon Completion _____ ft				
				After _____ Hrs. _____ ft				
0				Brown Silty CLAY	0			
1					8	2.6		24
2	0.6	24			10	S20		
3	S20							
4								
5	1.6	27						
6	S20							
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
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29								
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31								
32								
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34								
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36								
37								
38								
39								
40								

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 1 of 1

Date 10/16/03

ROUTE FAP 42 DESCRIPTION IL 127 over Coon Creek LOGGED BY Mark Schreder

SECTION 2BR LOCATION NW 14, SE 14, SEC. 31, TWP. 1N, RNG. 2W, 3 PM

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

STRUCT. NO. 095-0024  
Station \_\_\_\_\_  
BORING NO. 2  
Station 487+86  
Offset 42.00ft Right  
Ground Surface Elev. 430.1 ft (ft) (6") (tsf) (%)

DEPTH (ft)	BULGE (6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (6")	UCS (tsf)	MOISTURE (%)
				Surface Water Elev. _____ ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: _____ ft				
				First Encounter _____ ft				
				Upon Completion _____ ft				
				After _____ Hrs. _____ ft				
0				Brown Silty LOAM	0			
1					8	4.0		18
2	0.5	22			16	S20		
3	S20							
4								
5								
6								
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36								
37								
38								
39								
40								

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 Ruben V. Boehler  
CHECKED Tim S. Howard  
DRAWN Nicole L. Darling  
CHECKED Michael D. Cummins

**BORING LOGS**  
IL ROUTE 127 OVER TRIBUTARY TO CROOKED CREEK  
F.A.P. ROUTE 42 SECTION 2BR  
WASHINGTON COUNTY  
STA. 487+25  
S.N. 095-0076  
CUMMINS ENGINEERING CORPORATION  
JOB #: 2158  
FILE: 2158BORING  
DATE: 11/16/04