

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Contract #88753

Illinois Department of Transportation SOIL BORING LOG Page 1 of 4
Date 12/19/01

ROUTE FA 317 (US 24) DESCRIPTION US 24 & IL 100 over Spoon River LOGGED BY KRW

SECTION 118 BRY-11BR LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4 PM

COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE ALTO

STRUCT. NO. 029-0068 (exist) CORING METHOD
Station 74+10 (prop)

BORING NO. 7757 (S. Abut.)
Station 77+57
Offset 3.00R ft
Ground Surface Elev. 477.68 ft

DEPTH (ft)	LOG	U	M	Surface Water Elev.	Stream Bed Elev.
0-2	NO SAMPLE TAKEN			439.08	
475.68	Brown SILTY CLAY	H			
7		1.25	20		
19		P			
473.18	Gray/Light Brown SHALE				
60			7		
00@4					
00@5			8		
468.18	Brown SHALEY CLAY				
10		4.25	9		
14		P			
20					
12		2.5	12		
28		P			
47					
463.18	Gray SHALEY CLAY				
16		1.25	8		
31		P			
84					
21			8		
77					
23@4					
458.18	Borehole continued with rock				
20					

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, form 137 (Rev. 8-99)

Illinois Department of Transportation ROCK BORING LOG Page 2 of 4
Date 12/19/01

ROUTE FA 317 (US 24) DESCRIPTION US 24 & IL 100 over Spoon River LOGGED BY KRW

SECTION 118 BRY-11BR LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4 PM

COUNTY Fulton CORING METHOD

STRUCT. NO. 029-0068 (exist) CORING BARREL TYPE & SIZE NWD4 5"
Station 74+10 (prop)

BORING NO. 7757 (S. Abut.)
Station 77+57
Offset 3.00R ft
Ground Surface Elev. 477.68 ft

DEPTH (ft)	LOG	D	C	R	CORE	S
458.18	Gray SHALE	1	100	6		
20						9.08
448.18	Gray SHALE w/SANDSTONE seams	3	90	0		
30						48.2
443.18	Gray SHALE	4	86	29		
35						9.93

Color pictures of the cores No
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

Illinois Department of Transportation ROCK BORING LOG Page 3 of 4
Date 12/19/01

ROUTE FA 317 (US 24) DESCRIPTION US 24 & IL 100 over Spoon River LOGGED BY KRW

SECTION 118 BRY-11BR LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4 PM

COUNTY Fulton CORING METHOD

STRUCT. NO. 029-0068 (exist) CORING BARREL TYPE & SIZE NWD4 5"
Station 74+10 (prop)

BORING NO. 7757 (S. Abut.)
Station 77+57
Offset 3.00R ft
Ground Surface Elev. 477.68 ft

DEPTH (ft)	LOG	D	C	R	CORE	S
418.28	Gray SHALE (continued)	5	100	8		
40						13.28
433.18	Brown & Gray SHALE	6	100	7		
422.18	Gray SHALE					242.64
431.08	Black COAL					170.25
429.38	Gray SHALE					215.52
428.18	Gray SANDSTONE	7	97	68		
50						107.28
421.58	SAND & GRAVEL					84.06
421.28	Gray SANDSTONE					80.95
418.18						41.53
55						55.14
8						67.98
97						44.81
63						40.93

Color pictures of the cores No
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

Illinois Department of Transportation ROCK BORING LOG Page 4 of 4
Date 12/19/01

ROUTE FA 317 (US 24) DESCRIPTION US 24 & IL 100 over Spoon River LOGGED BY KRW

SECTION 118 BRY-11BR LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4 PM

COUNTY Fulton CORING METHOD

STRUCT. NO. 029-0068 (exist) CORING BARREL TYPE & SIZE NWD4 5"
Station 74+10 (prop)

BORING NO. 7757 (S. Abut.)
Station 77+57
Offset 3.00R ft
Ground Surface Elev. 477.68 ft

DEPTH (ft)	LOG	D	C	R	CORE	S
418.28	Lt. Gray LIMESTONE	9	100	52		
60						77.81
131.94						131.94
157.42						157.42
220.34						220.34
242.64						242.64
170.25						170.25
215.52						215.52
408.18						
70						

Color pictures of the cores No
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

BORING LOGS
F.A.P. RTE. 315 - SEC. (118BRY-11BR)
FULTON COUNTY
STATION 74+09.000
STRUCTURE NO. 029-0068