

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	193
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 1200F 123



Illinois Department of Transportation  
Division of Highways  
District 4

ROCK CORE LOG

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Date 5/8/07

ROUTE FAP 317 (US 24) DESCRIPTION US 24 Soil Survey LOGGED BY M. Tappan

SECTION 10(B-1)R LOCATION NE 1/4, SEC. 33, TWP. 1 N, RNG. 2 W, 4 PM

COUNTY Brown CORING METHOD Water

STRUCT. NO. \_\_\_\_\_ CORING BARREL TYPE & SIZE NQ2WL  
Station \_\_\_\_\_  
BORING NO. 11 Core Diameter 1.99 in  
Station 441+00 Top of Rock Elev. 517.70 ft  
Offset 104.0ft L1 Begin Core Elev. 517.70 ft  
Ground Surface Elev. 528.7 ft

DEPTH (ft)	CORE (#)	RECOVER (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
50	5	98	80		505
494.80					
493.90					
491.90	5	95	74		290
489.70					
487.90					
48	7	100	80		10
46	8	100	100		660
					332

Color pictures of the cores Y  
Cores will be stored for examination until 5 Yrs After Construction  
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)  
RQD is the ratio of the total length of sound core specimens >4" to total length of core run  
BBS, form 138 (Rev. 8-99)

ROCK CORE 05-00001523 OVER LAMOINE RIVER BY DISTRICT 4 05/08/07



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ROCK CORE LOG

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DEPTH (ft)	CORE (#)	RECOVER (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
90	9	94	90		1069
463.30					
462.70					
46	10	94	8		
44					
42					
40	11	54	12		
38					
36					
34					
32					
30					
28					
26					
24					
22					
20					
18					
16					
14					
12					
10					
8					
6					
4					
2					
0					

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ROCK CORE 05-00001523 OVER LAMOINE RIVER BY DISTRICT 4 05/08/07

GENERAL NOTES

US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24) SECTION (10B-1) R  
BROWN & SCHUYLER COUNTY