

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	192
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 1190F 123



Illinois Department of Transportation
Division of Highways
District 4

SOIL BORING LOG

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Date 5/8/07

ROUTE FAP 317 (US 24) DESCRIPTION US 24 Soil Survey LOGGED BY M. Tappan
SECTION 10B-1R LOCATION NE 1/4 SEC. 33, TWP. 1 N, RNG. 2 W, 4 PM
COUNTY Brown DRILLING METHOD HSA HAMMER TYPE 140# Ayto

STRUCT. NO. _____
Station _____
BORING NO. 11
Station 441+00
Offset 104.08 LL
Ground Surface Elev. 526.7 ft
Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
 First Encounter No Encounter ft
 Upon Completion Cored ft
 After 7 Days Hrs. Dry @ 9 ft

DEPTH	BL	UC	MO	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.
(ft)	(%)	(tsf)	(%)	ft	ft	ft
0				N/A	N/A	
1						
3	1.2	20				
4	B					
5.21.70						
7						
10		10				
32						
518.70						
517.70		95				
73						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated).
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)

File Name: S:\BLDG\BENT FILE BUILDING\000000000000 US 24 OVER LAMOINE RIVER ILLINOIS Template PROJECT LOGS Data Entered 05/07/07
Checked by: Tappan Date: 05/08/07



Illinois Department of Transportation
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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 10B-1R LOCATION NE 1/4 SEC. 33, TWP. 1 N, RNG. 2 W, 4 PM
COUNTY Brown CORING METHOD Water

STRUCT. NO. _____
Station _____
BORING NO. 11
Station 441+00
Offset 104.08 LL
Ground Surface Elev. 526.7 ft
CORING BARREL TYPE & SIZE ND2WL
Core Diameter 1.50 in
Top of Rock Elev. 517.70 ft
Begin Core Elev. 517.70 ft

DEPTH	RECOVERY	R.D.	CORE TYPE	STRENGTH
(ft)	(%)	(%)	(min/ft)	(tsf)
0				
1	88	44		365
2	98	64		
3	98	72		145
4	100	66		386

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)
RCD 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 000-0000 US 24 OVER LAMOINE RIVER ILLINOIS DISTRICT 4 05/07/07

GENERAL NOTES

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