

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District Eight Materials

SOIL BORING LOG

Page 1 of 1
Date 5/14/73

ROUTE FAP 692 DESCRIPTION IL 160 over East Fork Silver Creek LOGGED BY J. King C. Hoffmann

SECTION 12-1BR-1 LOCATION NE 14, SW 14, SEC. 4, TWP. 4N, RNG. 5W, 3 PM

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

STRUCT. NO. 060-0331
Station 1440+97.5

BORING NO. 1
Station 1440+08
Offset 18.02 ft LL
Ground Surface Elev. 510.5 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	DEPTH (ft)	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
3	Brown Silty CLAY				3	0.20	25	
7	Gray Silty SILT				7	0.81	23	
12	Gray Clayey SILT				12	0.58	21	
17	Gray Sandy Clayey SILT				17	1.79	18	
14	Gray Fine SAND				14	1.96	23	
12	Brown and Gray Silty CLAY				12	1.30	25	
21	Gray Silty CLAY				21	1.63	18	
3	Gray Clayey SILT				3	0.26	29	

Surface Water Elev. _____ ft
Stream Bed Elev. 489.0 ft
Groundwater Elev.: _____ ft
First Encounter 493.8 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

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, form 137 (Rev. 8-99)

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ROCK BORING LOG

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SECTION 12-1BR-1 LOCATION NE 14, SW 14, SEC. 4, TWP. 4N, RNG. 5W, 3 PM

COUNTY Madison CORING METHOD _____

STRUCT. NO. 060-0331 CORING BARREL TYPE & SIZE _____
Station 1440+97.5

BORING NO. 1 Core Diameter _____ in
Station 1440+08 Top of Rock Elev. _____ ft
Offset 18.02 ft LL Begin Core Elev. _____ ft
Ground Surface Elev. 510.5 ft

DEPTH (ft)	ROCK DESCRIPTION	UCS (%)	UCS (min/ft)	UCS (tsf)
3	Brown Silty CLAY			
4	Gray Clayey SILT			
2	Gray Sandy Clayey SILT			
3	Gray Fine SAND			
10	Brown and Gray Silty CLAY			
15	Gray Silty CLAY			
14	Gray Clayey SILT			

Color pictures of the cores _____
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)

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COUNTY Madison CORING METHOD _____

STRUCT. NO. 060-0331 CORING BARREL TYPE & SIZE _____
Station 1440+97.5

BORING NO. 1 Core Diameter _____ in
Station 1440+08 Top of Rock Elev. _____ ft
Offset 18.02 ft LL Begin Core Elev. _____ ft
Ground Surface Elev. 510.5 ft

DEPTH (ft)	ROCK DESCRIPTION	UCS (%)	UCS (min/ft)	UCS (tsf)
10	Gray Sandy SILT			
10	Gray Clayey SILT			
10	Gray Sandy Clayey SILT			
10	Gray Fine SAND			
10	Brown and Gray Medium GRAVEL			
10	Gray Laminated SHALE (Hard)			
10	End of Boring			

Color pictures of the cores _____
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. ROUTE 692 - SECTION 12-1BR-1
MADISON COUNTY
STATION 1440+97.5
STRUCTURE NO. 060-0335