

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District Eight, Macomb

SOIL BORING LOG

Page 1 of 1
Date 12803

ROUTE FAP 692 DESCRIPTION IL 160 over Silver Creek LOGGED BY Brent Meuse

SECTION 12-IBR-1 LOCATION NE 1/4, SW 1/4, 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. 3
Station 1441+60
Offset 57.00# RL
Ground Surface Elev. 802.9 ft

DEPTH (ft)	BULGE (ft)	S-SHEAR (tsf)	PENETROMETER (%)	SOIL DESCRIPTION				TEST RESULTS					
				DEPTH (ft)	BULGE (ft)	S-SHEAR (tsf)	PENETROMETER (%)	DEPTH (ft)	BULGE (ft)	S-SHEAR (tsf)	PENETROMETER (%)		
0				48	4.5								
1				50	S/10								
2	0.8			50 1/2	4.6								
1	S/10												
498.9													
0				50 1/2	2.0								
2	0.3												
1	S/10												
475.9													
0													
0	0.4												
2	S/10												
493.9													
0													
0	0.2												
0	E												
3													
2	0.9												
4	S/15												
488.9													
2													
3	0.5												
4	S/15												
486.4													
1													
1													
3	NC												
483.9													
14													
480.9													

Gray Laminated SHALE (continued)

Borehole continued with rock coring.

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

Page 1 of 1
Date 12803

ROUTE FAP 692 DESCRIPTION IL 160 over Silver Creek LOGGED BY Brent Meuse

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

COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. 060-0331 CORING BARREL TYPE & SIZE NX (2.885 in)
Station 1440+97.5

BORING NO. 3
Station 1441+60
Offset 57.00# RL
Ground Surface Elev. 802.9 ft

DEPTH (ft)	CORING METHOD	CORE TYPE	CORE DIAMETER (in)	CORE LENGTH (ft)	CORE WEIGHT (lb)	CORE DESCRIPTION	CORING METHOD	CORE TYPE	CORE DIAMETER (in)	CORE LENGTH (ft)	CORE WEIGHT (lb)	CORE DESCRIPTION	CORING METHOD	CORE TYPE	CORE DIAMETER (in)	CORE LENGTH (ft)	CORE WEIGHT (lb)	CORE DESCRIPTION																																																																																																																																																																																																									
																			1	93	66	4	40																1	93	66	1.75	40																1	93	66	8.25	40																1	93	66	5	40																1	93	66	7.5	40																1	93	66	4.75	40																1	93	66	4	40																1	93	66	2.5	40																1	93	66	3	40																1	93	66	3	40																468.9
1	93	66	4	40																																																																																																																																																																																																																							
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Gray Laminated SHALE

End of Boring and Rock Core

Color pictures of the cores Yes _____
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-IBR-1
MADISON COUNTY
STATION 1440+97.5
STRUCTURE NO. 060-0335