

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

**SOIL BORING LOG** Page 1 of 3 Date 12/19/70

ROUTE FAP 314 DESCRIPTION IL 4 over Silver Creek LOGGED BY C. Hoffman

SECTION 108BR-1 LOCATION SW 14, SW 14, SEC. 20, TWP. 5N, RNG. 6W, 3 PM

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

STRUCT. NO. 060-0106 Station 264+00

BORING NO. 2 N. Abut Station 262+11  
Offset 13.00ft Right  
Ground Surface Elev. 507.0 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	PERCENT MOISTURE (%)	UNIFORMITY COEFFICIENT	FLUIDITY INDEX	LIQUIDITY INDEX	PLASTICITY INDEX	FAILURE MODE
0	Gray Silty CLAY							
20	1.96 S							
20	1.79 S							
17	2.70 S							
16	3.17 B							
15	1.55 S							
16	0.73 S							
6	0.81 B							

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, from 137 (Rev. 8-99)

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13	NC							
21	1.40 B							
23	1.37 B							
21	1.63 B							
21	1.79 B							
18	1.50 B							
4								
9	2.2 B							
11	B							
9								

Gray Coarse SAND and Medium GRAVEL (continued)  
Gray Clay TILL  
Gray Clay LOAM  
Boring Extended on 32405 at Station 261+99, 13 ft Right  
Gray Coarse to Fine SAND with some Gravel  
See Gradation @ 80 ft

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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STRUCT. NO. 060-0106 Station 264+00

BORING NO. 2 N. Abut Station 262+11  
Offset 13.00ft Right  
Ground Surface Elev. 507.0 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	PERCENT MOISTURE (%)	UNIFORMITY COEFFICIENT	FLUIDITY INDEX	LIQUIDITY INDEX	PLASTICITY INDEX	FAILURE MODE
20	4.7 S/20							
27	S/20							
10								
18	5.7 S/20							
27	S/20							
7								
13	17 NC							
17	NC							
7								
9	19 NC							
15	NC							
7								
9								
15								
11								

Gray Coarse to Fine SAND with some Gravel (continued)  
End of Boring

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, from 137 (Rev. 8-99)

BORING LOGS  
F.A.P. RTE. 314 - SEC. 108BR-1  
MADISON COUNTY  
STATION 263+51  
STRUCTURE NO. 060-0334