

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Contract #76454

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3
Date 1/8/71

ROUTE FAP 314 DESCRIPTION IL 4 over Silver Creek LOGGED BY J. King

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. 5 Pier 1
Station 262+66
Offset 21.00ft Right
Ground Surface Elev. 497.8 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
0	Surface Water Elev.			
0	Stream Bed Elev.			
0	Groundwater Elev.:			
0	First Encounter	483.7 ft		
0	Upon Completion			
0	After Hrs.			
2	Gray Coarse SAND and GRAVEL (continued)		NC	
7	Brown and Gray Silty CLAY		NC	
10			NC	
18			NC	
22	Gray Clay TILL			
26	Brown and Gray Sandy CLAY			
27	Gray Silty Sandy CLAY			
25				
20	Gray Coarse SAND and GRAVEL			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 3
Date 1/8/71

ROUTE FAP 314 DESCRIPTION IL 4 over Silver Creek LOGGED BY J. King

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. 5 Pier 1
Station 262+66
Offset 21.00ft Right
Ground Surface Elev. 497.8 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
30	Gray Clay TILL (continued)			
37				
42				
44				
46				
48				
50	Gray Clay LOAM			
54	Gray Clay LOAM			
56				
57				
58				
60	Gray Clay LOAM			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 3 of 3
Date 1/8/71

ROUTE FAP 314 DESCRIPTION IL 4 over Silver Creek LOGGED BY J. King

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. 5 Pier 1
Station 262+66
Offset 21.00ft Right
Ground Surface Elev. 497.8 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
70	Gray Clay LOAM (continued)			
72				
74				
76				
78				
80	Gray Silty LOAM			
82				
84				
86				
88				
90	Gray SHALE			
92				
94				
96				
98				
100	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