



Illinois Department of Transportation  
Division of Highways  
IDOT - Dist 5

### SOIL BORING LOG

Page 1 of 1

Date 10/22/02

ROUTE FAP Route 816 (000E) DESCRIPTION 5.5 Miles North of Arthur LOGGED BY KWW

SECTION 6RS-1 LOCATION NW, SEC. 6, TWP. 15N, RNG. 7E, 3<sup>rd</sup> PM

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 322+58  
Station 322+58  
BORING NO. 13 NE Boring  
Station 322+61  
Offset 14.0 ft Rt.  
Ground Surface Elev. 665.4 ft

Surface Water Elev. Dry ft  
Stream Bed Elev. 661.0 ft  
Groundwater Elev.:  
First Encounter ft  
Upon Completion ft  
After Hrs. ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	S (%)	M (%)
0 - 1	Black Silty Clay			
1 - 2		2.1	26	
2 - 3		B		
3 - 4				
4 - 5				
5 - 6				
6 - 7				
7 - 8				
8 - 9				
9 - 10				
10 - 11				
11 - 12				
12 - 13				
13 - 14				
14 - 15				
15 - 16				
16 - 17				
17 - 18				
18 - 19				
19 - 20				

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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COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 322+58  
Station 322+58  
BORING NO. 14 NW Boring  
Station 322+61  
Offset 14.0 ft Lt.  
Ground Surface Elev. 665.7 ft

Surface Water Elev. Dry ft  
Stream Bed Elev. 661.0 ft  
Groundwater Elev.:  
First Encounter ft  
Upon Completion ft  
After Hrs. ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	S (%)	M (%)
0 - 1	Brown Silty Clay			
1 - 2		1.9	27	
2 - 3		B		
3 - 4				
4 - 5				
5 - 6				
6 - 7				
7 - 8				
8 - 9				
9 - 10				
10 - 11				
11 - 12				
12 - 13				
13 - 14				
14 - 15				
15 - 16				
16 - 17				
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BORING LOGS CULVERT #8**  
(STA. 322+57.75)  
FAP ROUTE 816  
ATWOOD-ARTHUR RD  
SECTION 6RS-1 & (6BR)BR  
DOUGLAS COUNTY  
DRAWN BY: DJM  
CHECKED BY: MSW  
DATE: 11/24/03