



### SOIL BORING LOG

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ROUTE FAP Route 816 (000E) DESCRIPTION 6 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. \_\_\_\_\_  
Station 335+97.81  
BORING NO. 11 NE Boring  
Station 336+01  
Offset 14.0 ft Rt.  
Ground Surface Elev. 664.1 ft (ft) (/6") (tsf) (%)

Surface Water Elev. Dry ft  
Stream Bed Elev. 659.7 ft  
Groundwater Elev.:  
First Encounter \_\_\_\_\_ ft  
Upon Completion \_\_\_\_\_ ft  
After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0 - 1				Brown Silty Clay
1 - 2	1.7	29		
2 - 3	B			
3 - 5				Brown/Gray Silty Clay
5 - 6	0.8	22		
6 - 3	B			
3 - 4				Brown/Gray Clay Loam Till
4 - 1	1.9	17		
1 - 4	B			
4 - 2				Gray Clay Loam Till
2 - 3	2.3	13		
3 - 4	B			
4 - 5				
5 - 6	5.0	11		
6 - 6	B			
6 - 15				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)



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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. \_\_\_\_\_  
Station 335+97.81  
BORING NO. 12 NW Boring  
Station 336+00  
Offset 14.0 ft Lt.  
Ground Surface Elev. 664.1 ft (ft) (/6") (tsf) (%)

Surface Water Elev. Dry ft  
Stream Bed Elev. 659.7 ft  
Groundwater Elev.:  
First Encounter \_\_\_\_\_ ft  
Upon Completion \_\_\_\_\_ ft  
After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0 - 1				Brown Silty Clay
1 - 2	1.2	29		
2 - 3	B			
3 - 1				Brown Clay Loam Till
1 - 2	0.8	25		
2 - 2	B			
2 - 1				Gray Clay Loam Till
1 - 3	3.5	14		
3 - 4	B			
4 - 3				
3 - 5	6.2	11		
5 - 9	B			
9 - 15				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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BORING LOGS CULVERT #9**  
(STA. 335+97.81)  
FAP ROUTE 816  
ATWOOD-ARTHUR RD  
SECTION 6RS-1 & (6BR)BR  
DOUGLAS COUNTY  
DRAWN BY: DJM  
CHECKED BY: MSW  
DATE: 11/24/03