F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
816	6RS-1 & (6BR)BR	DOUGLAS	176	79
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 90711 SHEET NO. C3 OF 3 SHEETS

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 10/21/02

ROUTE FAP Route 816 (000E) DESCRIPTION 1.5 Miles North of Arthur LOGGED BY CNA

SECTION 6RS-1 LOCATION SW, SEC. 18, TWP. 15N, RNG. 7E, 3rd PM

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 179+95

BORING NO. 3 NE Boring
Station 179+98
Offset 14.0 ft Rt.
Ground Surface Elev. 661.7 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 658.4 ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Mottled Silty Clay			1		
			1	1.4	28
	656.7	-5	3	B	
Gray/Brown Mottled Silty Clay			1		
			1	0.7	26
			2	B	
	653.7				
Brown Loam			1		
			1	1.4	19
		-10	3	B	
	651.2				
Gray Clay Loam Till			2		
			4	4.5	13
			6	B	
			2		
			6	5.4	21
	646.7	-15	8	B	
End of Boring					
		-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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Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 10/21/02

ROUTE FAP Route 816 (000E) DESCRIPTION 1.5 Miles North of Arthur LOGGED BY CNA

SECTION 6RS-1 LOCATION SW, SEC. 18, TWP. 15N, RNG. 7E, 3rd PM

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 179+95

BORING NO. 4 NW Boring
Station 180+00
Offset 14.0 ft Lt.
Ground Surface Elev. 661.6 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 658.4 ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Loam w/ Calcite Nodules			1		
			2	2.7	21
	656.6	-5	3	B	
Brown Mottled Silty Clay to Silt			1		
			2	0.7	21
			2	B	
			2		
			3	1.9	11
		-10	6	B	
	651.1				
Gray Clay Loam Till			3		
			3	4.5	12
			6	B	
			2		
			6	6.8	12
	646.6	-15	10	B	
End of Boring					
		-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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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS CULVERT #3
(STA. 179+95.00)
FAP ROUTE 816
ATWOOD-ARTHUR RD
SECTION 6RS-1 & (6BR)BR
DOUGLAS COUNTY

DRAWN BY: DJM
DATE: 11/24/03 CHECKED BY: MSW

FARNSWORTH GROUP, INC. CONSULTING ENGINEERS - BLOOMINGTON, ILLINOIS

24-7076