F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
816	6RS-1 & (6BR)BR	DOUGLAS	176	85
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 90711 SHEET NO. E3 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 2.5 Miles North of Arthur LOGGED BY CNA

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

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 251+93.89

BORING NO. 7 NE Boring
Station 251+96
Offset 14.0 ft Rt.
Ground Surface Elev. 675.0 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 670.6 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black/Brown Mottled Silty Clay			1		
			2	2.5	26
	670.0	-5	3	B	
Brown/Gray Mottled Silty Clay to Silty Clay Loam			1		
			2	0.6	21
	667.0		2	B	
Brown Clay Loam			1		
			2	0.6	21
	665.0	-10	2	B	
Brown Clay Loam Till			2		
			5	2.1	14
			6	B	
			2		
	660.5		5	1.7	14
Gray Clay Loam Till	660.0	-15	6	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 2.5 Miles North of Arthur LOGGED BY CNA

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

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 251+93.89

BORING NO. 8 NW Boring
Station 251+98
Offset 14.0 ft Lt.
Ground Surface Elev. 674.9 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 670.6 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam to Clay Loam			1		
			2	1.7	28
		-5	4	B	
			1		
			2	0.7	28
	667.4		2	B	
Brown Sandy Clay Loam			0		
			1	0.4	23
		-10	2	B	
	663.9		2		
Brown Clay Loam Till			6	5.8	13
			8	B	
			1		
			5	5.6	13
	659.9	-15	6	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 #5
(STA. 251+93.89)
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