F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
816	6RS-1 & (6BR)BR	DOUGLAS	176	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 90711 SHEET NO. A3 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 3/4 Mile North of Arthur LOGGED BY CNA

SECTION 6RS-1 LOCATION SW, SEC. 19, TWP. 15N, RNG. 7E, 3rd PM

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 111+42.14

BORING NO. 1 SE Boring
Station 111+39
Offset 14.0 ft Rt.
Ground Surface Elev. 658.6 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 655.1 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay			2		
			3	1.7	30
	653.6	-5	3	B	
Brown/Gray Mottled Silty Clay to Silt			2		
			2	1.0	24
			3	B	
			1		
	649.1		2	1.0	24
Gray Clay Loam Till		-10	3	E	
			2		
			3	2.1	14
			4	B	
			1		
			3	2.5	12
	643.6	-15	5	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 3/4 Mile North of Arthur LOGGED BY CNA

SECTION 6RS-1 LOCATION SW, SEC. 19, TWP. 15N, RNG. 7E, 3rd PM

COUNTY Douglas DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 111+42.14

BORING NO. 2 SW Boring
Station 111+39
Offset 14.0 ft Lt.
Ground Surface Elev. 658.6 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 655.1 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay			3		
	654.1		2	2.5	26
Brown Mottled Silty Clay		-5	3	B	
			2		
			1	1.1	24
			3	B	
			2		
			1	0.5	28
	648.6	-10	2	B	
Gray Silt to Clay Till Mixed			2		
	646.6		2	1.4	14
Gray Clay Loam Till			5	B	
			2		
			3	2.3	
	643.6	-15	5	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 #1
(STA. 111+42.14)
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