CONTRACT NO. 90711

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
816	6RS-1&(6BR)BR	DOUGLAS	176	76A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 3/21/69

ROUTE FAS 659 DESCRIPTION West Fork Kaskaskia River 1 mile North of Arthur LOGGED BY BAKER

SECTION 6 BR LOCATION NE, SEC. 24, TWP. 15N, RNG. 6E, 3rd PM

COUNTY Douglas & Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 021-0033
Station

BORING NO. 1
Station 144+90
Offset 36.0 ft RT
Ground Surface Elev. 654.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 642.7 ft ▼
Upon Completion ft
After 2.5 Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF BROWN GRAY MOTTLED CLAY			
-5			
649.2			
STIFF GRAY BROWN CLAY LOAM TILL			
	7	3.3 B	15
645.7			
STIFF TO HARD GRAY CLAY LOAM TILL			
-10	10	3.4 B	13
▼			
	13	4.1 B	13
-15	23	4.9 S	10
	35	9.5 S	9
634.7 -20	50	10.3	10
DENSE GRAY SAND		S	
631.7	44	7.2 B	12
HARD GRAY CLAY LOAM TILL			
-25	21	8.1 S	12
629.2			
End of Boring			
-30			
-35			
-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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 – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 3/21/69

ROUTE FAS 659 DESCRIPTION West Fork Kaskaskia River 1 mile North of Arthur LOGGED BY BAKER

SECTION 6 BR LOCATION NE, SEC. 24, TWP. 15N, RNG. 6E, 3rd PM

COUNTY Douglas & Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 021-0033
Station

BORING NO. 2
Station 144+25
Offset 19.0 ft LT
Ground Surface Elev. 659.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 644.0 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
BLACK CLAY FILL			
655.0			
STIFF BROWN MOTTLED CLAY			
-5			
-10	4	1.1 B	24
646.5			
HARD GRAY CLAY LOAM TILL			
	4	2.5 B	18
▼ -15	10	2.1 B	14
	14	4.7 B	12
-20	16	6.0	12
HARD GRAY CLAY LOAM TILL (continued)		E	
636.5	48	8.1 S	11
DENSE GRAY SAND			
634.5			
HARD GRAY CLAY LOAM TILL			
-25	28	11.0 NF	10
-30	13	7.0 B	12
-35	19	8.0 E	
623.5			
End of Boring			
-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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)

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BOX CULVERT SOIL BORINGS
STA 144+61.00

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 8/13/2008
FILE NAME = c:\projects\250859\2007.08.13 submittal\julie sheets.dgn
PLOT SCALE = 42.3529 ' / IN.
USER NAME = kegarb