

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 785	134-IBR-2	MADISON	42	56
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #76902

SHEET NO. 21
23 SHEETS

Illinois Department of Transportation
Division of Highways
District 8 Materials

SOIL BORING LOG

Page 1 of 3
Date 3/2/06

ROUTE FAP 785 DESCRIPTION IL 140 over Cahokia Creek LOGGED BY Sarah Wiszkon

SECTION 134-IBR-2 LOCATION SW 14, SEC. 7, TWP. 6N, RING. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0097
Station 625+54
BORING NO. SB 2 E Abut
Station 625+54
Offset 17.00ft Left
Ground Surface Elev. 479.0 ft

DEPTH (ft)	DESCRIPTION	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.	(ft) (6") (tsf) (%)	(ft) (6") (tsf) (%)
0	Mottled Silty Clay LOAM											
2												
2		1.25										
3		P										
1												
1		0.75										
2		P										
2												
4		1.15										
4		B										
479.00												
2	BrownGray Silty CLAY											
3		0.68										
4		S20										
448.50												
2	Grades to Dark Gray											
3		0.97										
4		S15										
465.00												
3	Gray Silty Clay LOAM A-4(8)											
2		0.69										
3		S15										
3												
2		0.92										
3		S10										
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 T208)

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8	Gray Clay TILL (continued)	1.63										
9		S20										
418.50												
6	Brown SAND											
14												
14		S15										
6												
6		0.76										
7		S15										
14												
14		S15										
414.50												
6	Gray Silty CLAY											
9		2.60										
13		S15										
6												
6		0.68										
7		S20										
10												
10		S20										
426.50												
4	BrownGray Silty CLAY											
4		2.35										
7		B										
7		1.96										
7		S20										
421.00												
4	Brown Sandy SILT											
4												
4		0.76										
14		S15										
418.50												
6	Gray Silty Clay LOAM											
7		0.88										
7		S20										
60'												
60'		NS										
Refusal - End of Boring												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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5	Gray Silty Clay LOAM (continued)											
7		0.88										
7		S20										
396.50												
60'												
60'		NS										
Refusal - End of Boring												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BORING LOGS
F.A.P. RTE. 785 - SEC. 134-IBR-2
MADISON COUNTY
STATION 623+90.00
STRUCTURE NO. 060-0240