STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	*	FULTON		231
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 9
9 SHEETS

Contract #88753
*18RS-2, 19RS-3, (18BRY & 18BRY-1) BR, 18B-1

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

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Date 10/3/02

ROUTE FAP 317 & 315 (US 24/L 100 & US 136) 18RS-2,19RS-3,(18BRY&18BRY-1) DESCRIPTION US 24 Lewistown to Duncan Mills LOGGED BY DBR
SECTION BR,18B-1 LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4th PM
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station
BORING NO. B123 (Retaining Wall)
Station 81+23
Offset 53.00ft Lt.
Ground Surface Elev. 503.10 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter None ft
Upon Completion *None ft
After 24 Hrs. **None ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE TAKEN 0-1.5'					
Light Brown SILTY LOAM	501.60		2		
			2	3.0	14.1
			3	P	
			2		
		-5	4	1.5	17.8
			6	P	
			2		
			2	0.4	15.3
			3	S	
Lt. Brown/Lt. Gray SILTY LOAM w/tr of fine sand	494.10		2		
		-10	7	0.5	13.9
			8	P	
			3		
			5	0.7	22.7
			5	S	
			2		
		-15	5	0.7	26.5
			5	S	
			1	0.6	24.2
Brown CLAY LOAM TILL	485.95		2	S	
			4	2.1	19.5
				B	
			1		
		-20	3	1.7	20.4
Brown CLAY LOAM TILL (continued)			5	B	
Gray SHALE	481.60		5		
			11	3.9	18.1
			21	S	
	478.80		00@4"		6.9
**Not Avail.- hole collapsed @ 19.2' End of Boring		-25			
		-30			
		-35			
		-40			

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)

Illinois Department of Transportation
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SOIL BORING LOG

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Date 10/21/02

ROUTE FAP 317 & 315 (US 24/L 100 & US 136) 18RS-2,19RS-3,(18BRY&18BRY-1) DESCRIPTION US 24 Lewistown to Duncan Mills LOGGED BY DBR
SECTION BR,18B-1 LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4th PM
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station
BORING NO. B197 (Retaining Wall)
Station 81+97
Offset 32.00ft Lt.
Ground Surface Elev. 490.85 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter None ft
Upon Completion *None ft
After 24 Hrs. Not Taken ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE TAKEN 0-1.5'					
Light Brown & Light Gray SILTY LOAM	489.35		3		
			2	2.8	15.2
			2	S	
			2		
		-5	3	1.8	23.5
			5	S	
			2		
			4	1.6	23.6
			4	S	
Brown SILTY CLAY	481.85		2		
		-10	2	1.2	26.1
			3	B	
			1	0.5	26.1
Light Grey SANDSTONE poorly cemented	478.60		2	P	2.2
			52		
	476.43		13		6.4
* No H2O- hole collapsed @ 12.3' End of Boring		-15	00@5"		
		-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)

BORING DATA
F.A.P. RTE. 315 - SEC. 18RS-2, 19RS-3,
(18BRY & 18BRY-1) BR, 18B-1
FULTON COUNTY
LT. STATION 79+60 to 81+80
STRUCTURE NO. 029-W500