STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 777	10B-1	MONTGOMERY	104	75
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 23
23 SHEETS

Contract #92667

Illinois Department of Transportation
Division of Highways
District Six Materials

SOIL BORING LOG

Page 1 of 2

Date 7/3/02

ROUTE FAP 777 (IL 185) DESCRIPTION Over East Fork Shoal Creek LOGGED BY M. Tappan

SECTION 10B-1 LOCATION SW 1/4, SEC. 6, TWP. 7 N, RNG. 2 W, 3 PM

COUNTY Montgomery DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 068-0028
Station 500+44

BORING NO. 3 SE Abut
Station 501+18
Offset 15.00ft Right
Ground Surface Elev. 561.2 ft

Surface Water Elev. 545.3 ft
Stream Bed Elev. No Data ft

Groundwater Elev.:
First Encounter 539.7 ft
Upon Completion Dry ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist SILTY CLAY LOAM (Fill)					
			0		
			1	0.6	21
	556.2	-5	2	B	
Grey Moist Medium Grained SAND					
			1		
			2		
			2		
	553.2				
Grey Moist SILTY CLAY LOAM					
			1		
			1	0.5	27
		-10	1	B	
			0		
			1	0.6	31
			2	B	
	548.2				
Grey V. Moist SILT LOAM					
			0		
			0	0.3	26
		-15	0	B	
	545.7				
Grey Wet LOAM					
			0		
			0	0.2	25
			0	B	
	542.2				
Grey and Brown V. Moist LOAM			0		
			0	0.5	23
		-20	1	B	
Grey and Brown V. Moist LOAM (continued)	540.7				
Grey Medium Grained SAND Free Water					
			2		
			3		
			3		
	538.2				
Brown and Blue Grey Moist CLAY LOAM (Till)					
			0		
			1	0.8	22
		-25	2	B	
			1		
			4	4.0	18
			6	B	
	532.2				
Greyish Brown Moist Weathered Clayey SHALE			3		
			11		18
		-30	19		
Light Brown Moist Clayey SHALE			5		
		-35	29		11
			71		
			/5"		
			15		
Tan and Grey Dry Fissle Clayey SHALE			56		10
	521.2	-40	44		

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
Division of Highways
District Six Materials

SOIL BORING LOG

Page 2 of 2

Date 7/3/02

ROUTE FAP 777 (IL 185) DESCRIPTION Over East Fork Shoal Creek LOGGED BY M. Tappan

SECTION 10B-1 LOCATION SW 1/4, SEC. 6, TWP. 7 N, RNG. 2 W, 3 PM

COUNTY Montgomery DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 068-0028
Station 500+44

BORING NO. 3 SE Abut
Station 501+18
Offset 15.00ft Right
Ground Surface Elev. 561.2 ft

Surface Water Elev. 545.3 ft
Stream Bed Elev. No Data ft

Groundwater Elev.:
First Encounter 539.7 ft
Upon Completion Dry ft
After ___ Hrs. Plugged ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Boring Completed		/1"		
Refer STA to STA 501+00 STA Increase to East				
Refer Elevation to BM # 16 Chisled Square on SW Headwall BM # 16 = 561.3'				
	-45			
	-50			
	-55			
	-60			

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)

SOIL BORING LOGS
F.A.P. ROUTE 777 SECTION 10B-1
MONTGOMERY COUNTY
STATION 500+44.04
STRUCTURE NO. 068-0505

...\projects\hm000025\068m025.dgn 2/3/2006 1:49:29 PM