ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 693	19BR-1	FORD	50	33
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 20

20 SHEETS

Contract #66697

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 11/05

ROUTE IL 9 (FAP 693) DESCRIPTION Route 9 over Drummer Creek LOGGED BY Larry Myers

SECTION 19BR-1 LOCATION NE 1/4, SEC. 10, TWP. 23N, RNG. 7E, 3rd PM

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-0006
Station 810+52.6

BORING NO. #2: E Abutment
Station 809+92.00
Offset 10.00ft Rt
Ground Surface Elev. 745.37 ft

Surface Water Elev. 728.31 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 730.9 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Cored, bituminous, concrete, and augered, black, Silty Clay Loam fill					
	740.87				
Medium, black brown, Silty Clay Loam to Clay Loam fill w/pockets of brown, Sand and Gravel		-5	1		
			2	0.8	24.9
			3	P	
			2		
			2	0.8	21.2
			2	P	
		-10	wh		
			2	0.8	15.9
			7	P	
	733.37				
Medium, brown, fine to coarse, Sand with some fine to coarse, Gravel			4		
			6		6.1
			8		
		▼ -15	4		
			5		17.1
			6		
			5		
			7		16.7
			7		
	726.37				
		-20	7		
Medium, gray, fine to coarse, Sand with some layers of fine, Sand and Silt Sand blow in @ 21.5' 22 - 23.5': Wash Sample (continued)			9		14.5
			10		
			5		
			9		19.1
			11		
		-25	6		
			7		17.3
			9		
	718.37				
Medium, gray, fine, Sand and Silt			4		
			5		19.9
			6		
		-30	4		
			5		22.0
			8		
			1		
			4		22.2
			7		
		-35	1		
			4		22.1
			7		
			5		
			14		17.9
			16		
	706.37				
		-40	8		

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 11/05

ROUTE IL 9 (FAP 693) DESCRIPTION Route 9 over Drummer Creek LOGGED BY Larry Myers

SECTION 19BR-1 LOCATION NE 1/4, SEC. 10, TWP. 23N, RNG. 7E, 3rd PM

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-0006
Station 810+52.6

BORING NO. #2: E Abutment
Station 809+92.00
Offset 10.00ft Rt
Ground Surface Elev. 745.37 ft

Surface Water Elev. 728.31 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 730.9 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium, gray, fine to coarse, Sand w/minor layers of Silt 39.5 - 43.5', 49.5 - 51': Wash Sample (continued)			14		19.1
			10		
			5		
			6		19.4
			8		
		-45	4		
			8		19.0
			10		
			7		
			8		18.7
			10		
		-50	6		
			7		16.9
	694.37		10		
Dense, gray, fine, Sand to coarse, Gravel			15		
			18		12.3
			19		
	691.37				
Medium, gray, coarse, Sand to coarse, Gravel 54.5 - 56': Wash Sample		-55	9		
			10		12.6
			12		
	688.87				
Dense, gray, coarse, Sand to coarse, Gravel 57 - 58.5': Wash Sample			12		
			19		13.4
			22		
	686.37				
Hard, gray, Sandy Clay Loam Till		-60	26		
Hard, gray, Sandy Clay Loam Till (continued)	684.37		40	>4.5	8.4
			80	P	
End of Boring					
		-65			
		-70			
		-75			
		-80			

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)

rjngroup
Excellence through Ownership

200 West Front Street
Wheaton, Il 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS - II
IL RTE 9 OVER DRUMMER CREEK
FAP RTE 693 - SECTION 19BR-1
FORD COUNTY
STATION 810+73.11
STRUCTURE NO. 027-0096

DATE: 8/7/2007

DRAWN BY WJV
CHECKED BY BLB

8/3/2007 K:\1280206\Structure\Final Plans\Final.dgn