


BORING LOGS

STA. 363 + 65

SN 081-1114



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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Date 6/14/07

ROUTE FAS 221 DESCRIPTION Box culvert on IL 94, .6 m. S. of IL 192 LOGGED BY J. Strating


SECTION (19, 20) RS-2 LOCATION Bowling Twp. - 18SW, SEC. , TWP. 16N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L W S	U C S Qu	M O I S T
588+68					85.50				
B-1c 588+42					None				
46.00ft Rt CL					Dry				
91.70									
STIFF gray SILTY CLAY LOAM				14.0					
					70.20				
STIFF brown SILTY CLAY LOAM		3			89.20				
		4	1.8	24.0	87.70				
		4	P						
MEDIUM black SILTY CLAY		1			85.20				
		2	0.7	32.0					
		3	B						
MEDIUM dark gray SILTY CLAY		1			82.70				
		2	0.6	32.0					
		2	B						
SOFT gray SILTY CLAY LOAM		1			80.20				
		2	0.3	28.0					
		2	B						
STIFF gray SILTY CLAY		1			77.70				
		3	1.5	25.0					
		4	S						
VERY STIFF brown SILTY CLAY		3			74.70				
		5	3.3	19.0					
		6	B						
VERY STIFF gray SILTY CLAY TILL		3			72.70				
		5	2.1	23.0					
		6	B						
End of Boring					52.70				

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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SOIL BORING LOG

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Date 6/25/07

ROUTE FAS 221 DESCRIPTION Box culvert on IL 94, .6 m. S. of IL 192 LOGGED BY J. Strating

SECTION (19, 20) RS-2 LOCATION Bowling Twp. - 18SW, SEC. , TWP. 16N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L W S	U C S Qu	M O I S T
588+68					85.70				
588+85					85.50				
B-2c 588+85					79.3				
40.00ft Lt CL					Dry				
88.80									
13" Asphalt				24.0					
SOFT brown SILTY CLAY LOAM			0.4	P	67.80				
STIFF brown SILTY CLAY LOAM		3			86.80				
		4	1.1	20.0					
		4	B		85.30				
STIFF dark brown SILTY CLAY		2							
		2	1.2	34.0					
		3	B		82.30				
VERY LOOSE gray dirty moist SAND		1							
		2			80.30				
		2							
VERY LOOSE gray dirty SAND		1							
		1			77.30				
		2							
STIFF tan CLAY LOAM TILL		2							
		3	1.8	17.0					
		3	P		75.30				
VERY STIFF tan CLAY LOAM TILL		6							
		7	2.7	14.0					
		10	B		72.80				
HARD tan CLAY LOAM TILL with SAND lens		7							
		10	4.1	9.0					
		15	B		70.30				
HARD tan CLAY LOAM TILL		7							

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BBS, from 137 (Rev. 8-99)