


BORING LOGS



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

SOIL BORING LOG

Page 1 of 2
Date 8/7/08

ROUTE FAI 80 DESCRIPTION P92-084-03 Sign Truss on E.B. I-80, 1.5 m. E. of Mississippi River Bridge LOGGED BY W. Garza


SECTION (81-1)R-1 LOCATION Hampton Twp. - 3 SE, SEC. , TWP. 18N, RNG. 1E

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T U R E	Surface Water Elev. _____ ft				Stream Bed Elev. _____ ft			
					Groundwater Elev.:				Groundwater Elev.:			
	(ft)	(/6")	(tsf)	(%)	First Encounter _____ ft				First Encounter _____ ft			
					Upon Completion _____ ft				Upon Completion _____ ft			
					After _____ Hrs.				After _____ Hrs.			
MEDIUM brown SILTY CLAY LOAM			0.5 P	26.0	76.00	3	0.4	27.0				
						6	P					
MEDIUM brown SILTY CLAY LOAM	95.00	1				3						
		2	0.5 B	27.0		5	1.2	24.0				
	93.50	4	B		73.50	6	B					
MEDIUM tan SILTY CLAY		0				0						
		2	0.6 B	25.0		2	0.6	27.0				
	91.00	3	B		71.00	3	B					
SOFT tan SILTY LOAM		3				2						
		3	0.3 B	25.0		4	1.0	26.0				
	88.50	6	B		68.50	7	B					
VERY SOFT tan SILT		1				4						
		3	0.2 B	26.0		5	1.5	23.0				
	86.00	3	B		66.00	8	B					
VERY SOFT tan SILT		1				1						
		2	0.1 B	26.0		4	1.5	23.0				
	83.50	4	B		63.00	6	B					
SOFT tan SILT		0				2						
		2	0.3 P	27.0		5	2.9	20.0				
	81.00	6	P		60.50	8	B					
SOFT gray SILT		1				1						
		2	0.3 B	28.0		7	1.5	15.0				
	78.50	4	B		58.00	10	B					
SOFT gray SILT		2										

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/D-2

SOIL BORING LOG

Page 2 of 2
Date 8/7/08

ROUTE FAI 80 DESCRIPTION P92-084-03 Sign Truss on E.B. I-80, 1.5 m. E. of Mississippi River Bridge LOGGED BY W. Garza

SECTION (81-1)R-1 LOCATION Hampton Twp. - 3 SE, SEC. , TWP. 18N, RNG. 1E

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T U R E	Surface Water Elev. _____ ft				Stream Bed Elev. _____ ft			
					Groundwater Elev.:				Groundwater Elev.:			
	(ft)	(/6")	(tsf)	(%)	First Encounter _____ ft				First Encounter _____ ft			
					Upon Completion _____ ft				Upon Completion _____ ft			
					After _____ Hrs.				After _____ Hrs.			
No Recovery		11										
Hard Drilling		20										
	55.50	32										
HARD olive-green CLAY LOAM TILL		9										
		14	5.4 B	10.0								
	53.00	21	B									
Wash		8										
No Recovery		14										
	50.50	22										
Wash		10										
HARD gray CLAY LOAM TILL		17	4.7 B	11.0								
	48.00	26	B									
HARD gray CLAY LOAM TILL		9										
		12	6.2 B	12.0								
	45.50	20	B									
HARD gray CLAY LOAM TILL		4										
		10	4.7 B	13.0								
	43.00	18	B									
Wash		10										
HARD gray CLAY LOAM TILL		16	5.2 B	14.0								
	40.50	24	B									
HARD gray CLAY LOAM TILL		10										
		16	5.8 B	15.0								
	38.00	23	B									

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)