


# BORING LOGS



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

## SOIL BORING LOG

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Date 8/7/08

ROUTE FAI 80 DESCRIPTION P92-084-03 Sign Truss on W.B. I-80, 1.2 m. W. of I-88 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 %	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft	D E P T H S	B L O W S	U C S Qu	M O I S T %	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs.
							2	0.2	25.0	VERY SOFT gray SILT (continued)
					75.50		5	B		
					94.50		2			STIFF brown SILTY CLAY LOAM
							3	1.9	26.0	
					93.00		5	B		
							2			MEDIUM brown SILTY CLAY LOAM
							3	0.5	28.0	
					90.50		4	B		
							1			VERY SOFT tan SILTY LOAM
							1	0.1	33.0	
					88.00		1	P		
							0			VERY SOFT tan SILT
							2	0.2	25.0	
					85.50		4	B		
							0			MEDIUM gray SILT
							3	0.6	26.0	
					83.00		4	P		
							1			MEDIUM tan SILTY CLAY
							3	0.5	27.0	
					80.50		4	B		
							1			SOFT gray SILT
							2	0.4	25.0	
					78.00		4	P		
							1			VERY SOFT gray SILT
							2			
					57.50		7	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)



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							0			VERY SOFT gray SANDY LOAM with SAND lens, moist
							2	0.2	19.0	
					55.00		2	P		
							1			VERY STIFF brown CLAY LOAM TILL
							4	2.3	19.0	
					52.50		9	B		
							15			DENSE tan CLAY LOAM TILL
							23	4.0	10.0	
					50.00		27	P		
							5			HARD tan CLAY LOAM TILL with SAND lens
							17	5.6	12.0	
					47.50		29	B		
							14			No Recovery
							23			
					45.00		36			
							17			HARD gray CLAY LOAM TILL
							16	7.6	12.0	
					42.50		24	B		
							13			HARD gray CLAY LOAM TILL
							22	8.5	12.0	
					40.00		32	B		
							6			HARD gray CLAY LOAM TILL
							14	6.2	13.0	
					37.50		21	B		

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