


# 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 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 \_\_\_\_\_

BORING NO. B-1d  
Station 155+47  
Offset 68.00ft Lt of I-80 WB CL  
Ground Surface Elev. 90.00 ft

Description	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ None ft Upon Completion _____ Dry ft After _____ Hrs. _____ ft	D (ft)	B (/6")	U (tsf)	M (%)
MEDIUM tan SILTY LOAM			0.5	26.0				2	0.2		27.0
			P				69.00	3	P		
VERY SOFT tan SILTY LOAM	88.00	0						1			
		1	0.2	30.0				3	0.2		28.0
	86.50	2	P				66.50	3	B		
VERY SOFT tan SILT		1						0			
		1	0.2	25.0				2	0.3		30.0
	84.00	4	P				64.00	3	B		
VERY SOFT tan SILT		1									
		3	0.1	23.0							
	81.50	4	B								
VERY SOFT tan/gray SILT		0									
		2	0.2	27.0							
	79.00	3	B								
VERY SOFT tan SILT		1									
		2	0.2	26.0							
	76.50	4	B								
SOFT tan SILT		1									
		2	0.3	26.0				1			
	74.00	4	B				53.50	2	0.5		15.0
		5	B								
SOFT gray SILT		1									
		3	0.3	27.0				1			
	71.50	4	B				51.00	5	1.9		13.0
		11	B								
VERY SOFT gray SILT		1									
		1									

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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HARD tan CLAY LOAM TILL with SAND lens		17						12			
		17	4.2	11.0				19	4.7		15.0
	48.50	23	B				28.50	24	B		
Wash		7									
HARD tan CLAY LOAM TILL with SAND lens		14	5.6	12.0							
	46.00	18	B								
Wash		16									
HARD tan CLAY LOAM TILL with SAND lens		18	5.0	14.0							
	43.50	18	B								
Wash		11									
VERY STIFF gray CLAY LOAM TILL		16	3.0	14.0							
	41.00	21	P								
Wash		8									
VERY STIFF gray CLAY LOAM TILL		13	3.1	15.0							
	38.50	17	B								
HARD gray CLAY LOAM TILL		9									
		14	5.6	13.0							
	36.00	19	B								
HARD gray CLAY LOAM TILL		10									
		15	4.1	13.0							
	33.50	20	B								
HARD gray CLAY LOAM TILL											

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