

BORING LOGS



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

SOIL BORING LOG

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ROUTE FAI 80 DESCRIPTION P92-084-03 Sign Truss on E.B. I-80, .6 m. E. of Mississippi River LOGGED BY W. Garza
Date 8/6/08

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-2b
Station 85+91
Offset 53.00ft Rt of I-80 EB CL
Ground Surface Elev. 96.10 ft

Elev. (ft)	D P T H	B L O W S	U C S Qu	M O I S T %	Description	Elev. (ft)	D P T H	B L O W S	U C S Qu	M O I S T %
94.10		1			VERY SOFT tan SILTY LOAM	75.10		3	0.5	31.0
92.60		3	0.2	29.0	SOFT gray SILT	72.60		1	0.4	31.0
90.10		2	0.2	30.0	MEDIUM gray SILTY CLAY	70.10		3	0.7	27.0
87.60		5	0.3	26.0	STIFF gray CLAY LOAM	67.60		4	1.9	26.0
85.10		5	0.4	27.0	MEDIUM gray SILTY LOAM	65.10		5	0.7	24.0
82.60		4	0.3	29.0	**** Moved from 53' Rt. I-80 EB CL to avoid soft conditions.****	61.60		2	0.6	20.0
80.10		5	0.6	28.0	MEDIUM gray SILTY CLAY LOAM TILL	59.10		5	0.6	20.0
77.60		4	0.5	28.0	COURSE tan fine SAND	57.10		7		
		1			MEDIUM gray SILT	57.10		7		

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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54.60					Wash VERY DENSE gray well-cemented SAND	22		22		
52.10					VERY DENSE gray well-cemented SAND	100/2"				
49.60					Wash VERY DENSE gray well-cemented SAND	100/5"				
					End of Boring					

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