

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 30 32 SHEETS
F.A.I. 80	14BR & 14BR-1	BUREAU	219	102	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract No. 66731

Illinois Department of Transportation
Division of Highways
District - Materials

SOIL BORING LOG Page 2 of 2
Date 8/22/94

ROUTE FA80 DESCRIPTION I-80 over Spring Creek, 1.7 mi E of IL89
Elevation @ Bridge CL = 800.0
LOGGED BY C. Jenkins, DP

SECTION 6-HB-1 LOCATION Hill Twp., SEC. 14, TWP. 16N, R16E, 11E

COUNTY Bureau DRILLING METHOD HAMMER TYPE

STRUCT. NO. 400+20
Station
BORING NO. B-3 EBL
Station 399+92
Offset 8.50ft RI of CL
Ground Surface Elev. 80.90 ft

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
0		Surface Water Elev. 70.90 ft	0		
		Stream Bed Elev. _____ ft			
		Groundwater Elev. _____ ft			
		First Encounter Upon Completion 32.5 ft			
		After _____ Hrs. 68.9 ft			
20	S	Hard, brown, silty clay till (continued)	21	S	
25	1.6		32	6.1	20.0
33	S		42	S	
			38.90		
20		Hard, brown, clay	20		
31	1.5		30	7.8	18.0
38	S		36	B	
			36.40		
55.90		Very stiff to hard, tan, silt	55		
31	2.3		35	5.2	18.0
42	S		42	S	
			33.90		
31		Very dense, blue brown to gray block, shale	22		
35	2.0		30	10.0	10'
46	S		36		
56			42	10.0	10'
22			28		
35	3.1		32	10.0	10'
37	S		34		
20			32	3.5	20.0
32	S		35	S	
35		End of Boring	37.40		
17			17		
22	4.1		22	4.1	18.0
23	S		23	S	
			43.40		
16		Hard, brown, silty clay	16		
25	5.4		25	5.4	18.0
27	B		27	B	
			41.40		
16		Hard, brown, silty clay till	16		
25			25		
27			27		
41.40			41.40		

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)

Illinois Department of Transportation
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District - Materials

SOIL BORING LOG Page 1 of 2
Date 9/12/94

ROUTE FA80 DESCRIPTION I-80 over Spring Creek, 1.7 mi E of IL89
Elevation @ Bridge CL = 800.0
LOGGED BY J. Robertson, DP

SECTION 6-HB-1 LOCATION Hill Twp., SEC. 14, TWP. 16N, R16E, 11E

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Station
BORING NO. B-3 EBL
Station 399+92
Offset 8.50ft RI of CL
Ground Surface Elev. 80.90 ft

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
		Surface Water Elev. 72.30 ft			
		Stream Bed Elev. _____ ft			
		Groundwater Elev. _____ ft			
		First Encounter Upon Completion 30.0 ft			
		After _____ Hrs. 72.5 ft			
			72.30		
			68.80		
			19		
		Dense, gray, medium sand and gravel	24		
			8		
			7		
			14		
			24		
			64.80		
		Stiff to very stiff, gray, silt	16		
			19	2.3	21.0
			29	B	
			17		
			24	1.9	23.0
			33	S	
			40		

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		Surface Water Elev. 72.30 ft			
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		First Encounter Upon Completion 30.0 ft			
		After _____ Hrs. 72.5 ft			
			72.30		
			68.80		
			19		
			24		
			8		
			7		
			14		
			24		
			64.80		
		Stiff to very stiff, gray, silt	16		
			19	2.3	21.0
			29	B	
			17		
			24	1.9	23.0
			33	S	
			40		
			44.80		
		Hard, gray, silty clay	16		
			25	6.2	18.0
			30	B	
			16		
			27	6.8	17.0
			34	B	
			40.30		
			40		

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BORING LOGS
F.A.I. RTE. 80 - SEC. 14BR & 14BR-1
BUREAU COUNTY
STATION 400+22.07
STRUCTURE NO. 006-0165 (E.B.)
STRUCTURE NO. 006-0166 (W.B.)