

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	PEORIA	1360	1329
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	
* (72-7R-3		CONTRACT NO. 68200		

**Illinois Department of Transportation**  
Division of Highway IDOT

### SOIL BORING LOG

Page 1 of 1  
Date 5/20/02

ROUTE FAI-74 DESCRIPTION Overhead Sign Truss LOGGED BY DLR

SECTION 72-6.7.8.9-1.90-11.90-12.13.14 LOCATION SEC. TWP. RNG.

COUNTY Peoria & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. \_\_\_\_\_  
Station MAINLINE STATIONING

BORING NO. SSSB-07L  
Station 144+150  
Offset 19.00m Lt of W.B. CL  
Ground Surface Elev. 123.66 m (m) (mm) (kPa) (%)

DEPTH (m)	DEPTH (mm)	U.C.S. (kPa)	M.OIST. (%)	DESCRIPTION	DEPTH (m)	DEPTH (mm)	U.C.S. (kPa)	M.OIST. (%)
				Surface Water Elev. _____ m				
				Stream Bed Elev. _____ m				
				Groundwater Elev.: _____ m				
				First Encounter _____ m				
				Upon Completion _____ m				
				After 24 Hrs. <u>not taken</u> m				
				Brown Medium SAND (continued)	6		21	
					9			
				Gray SANDY LOAM	182.20			
					2		12	
				Brown Fine Coarse SAND w/trace silt	182.97			
					6		7	
					8			
					2			
					7		18	
					8			
					15			
				Brown CLAY LOAM TILL	181.98			
					2		276	15
				Brown Medium SAND	181.48			
					7			
					8		18	
				Brown Coarse SAND w/ some gravel	189.92			
					2			
					7		14	
					11			
					2			
					13		12	
					16			
				Brown Medium SAND	179.58			
					3			
					8		26	
					8			
					8			
					10		26	
					6			
					5			
					8			

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 Highway IDOT

### SOIL BORING LOG

Page 1 of 1  
Date 5/21/02

ROUTE FAI-74 DESCRIPTION Overhead Sign Truss LOGGED BY DPS

SECTION 72-6.7.8.9-1.90-11.90-12.13.14 LOCATION SEC. TWP. RNG.

COUNTY Peoria & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_

BORING NO. SSSB-05R  
Station 144+530  
Offset 6.80m Rt of W.B. CL  
Ground Surface Elev. 120.76 m (m) (mm) (kPa) (%)

DEPTH (m)	DEPTH (mm)	U.C.S. (kPa)	M.OIST. (%)	DESCRIPTION	DEPTH (m)	DEPTH (mm)	U.C.S. (kPa)	M.OIST. (%)
				Surface Water Elev. _____ m				
				Stream Bed Elev. _____ m				
				Groundwater Elev.: _____ m				
				First Encounter _____ m				
				Upon Completion _____ m				
				After 24 Hrs. <u>not taken</u> m				
				Gray CLAY LOAM TILL (continued)	5		12	
					9			
				Brown CLAY LOAM TILL	190.30			
					4			
					7		415	12
					12			
					2		315	12
					3			
				Brown & Gray CLAY LOAM TILL	179.54			
					3			
					6		420	11
					6			
				Brown & Gray SANDY CLAY LOAM w/ gravel	176.72			
					2			
					2		71	13
					1			
					2			
					3		124	14
					4			
					3			
					4		125	12
					6			
					8			
					2			
					4			
					7		16	
					7			
					2			
					2			
					5		493	14
					7			
					7			
					8			
					6		216	15
					2			
					2			
				Gray CLAY LOAM TILL	174.87			
					3			
					3			

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)

**LEGEND - IDOT TEST BORING LOGS**

- Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart.
- Blows/150mm Number of blows required to drive a standard soil sampling device 150 mm as conducted in accordance with AASHTO T 206 standard specification.
- Qu, kPa Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.
- Molst. % Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for bedrock.

DESIGNED	RJW	2004
CHECKED	KJN	EXAMINED
DRAWN	RJW	ENGINEER OF STRUCTURAL SERVICES
CHECKED	KJN	PASSED
		ENGINEER OF BRIDGES AND STRUCTURES

SIGNING SHEET 81 OF 83

**SIGN STRUCTURES  
SOIL BORING LOGS**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SIGNING PLAN

W.B. I-74 STA. 144+154, S.N. 4S0721074L089.4  
W.B. I-74 STA. 144+540, S.N. 4S0721074L089.7

PEORIA CO., IL. DATE: 11-11-04

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