

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1244
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

LEGEND - IDOT TEST BORING LOGS

Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart. Q_u , kPa Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.

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. Moist. % 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.

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG Page 1 of 1
Date 9/22/03

ROUTE FAI-74 DESCRIPTION HIGH MAST LIGHT TOWER LOGGED BY JES
SECTION 72-6.7.8.9-1.90-11.90-12.13.14 LOCATION . SEC. . TWP. . RING.
COUNTY Peoria & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. _____ Station _____
BORING NO. HMSB-124 Station 10+922
Offset 21.03m RT of B-1 BL
Ground Surface Elev. 195.70 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	TEST RESULTS	UNITS
13	43	Surface Water Elev. _____ m		
		Stream Bed Elev. _____ m		
		Groundwater Elev.: _____ m		
		First Encounter _____ m		
		Upon Completion 192.1 m		
		After 24 Hrs. 192.2 m		
		Ground Surface Elev. 195.70 m		
13	43	Brown Coarse SAND & GRAVEL (continued)	13	13.3
15	49		15	
195.24	639	Brown SILTY CLAY LOAM	2	13.9
			4	
			7	
194.48	639	Brown & Gray CLAY LOAM	2	25.6
			4	
			6	
187.92	616	** after 24 hrs. hole collapsed @ 3.7m End of Boring	2	29.3
			4	
			6	
			8	
			10	
			12	
192.19	630	Brown & Gray SILTY CLAY	1	25.1
			2	
			4	
			6	
			8	
			10	
			12	
190.67	625	Gray SILTY LOAM	1	29.7
			2	
			4	
			6	
			8	
			10	
			12	
189.91	624	Brown Coarse SAND & GRAVEL	5	16.4
			10	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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 Highways
IDOT

SOIL BORING LOG Page 1 of 1
Date 9/19/03

ROUTE FAI-74 DESCRIPTION HIGH MAST LIGHT TOWER LOGGED BY JES
SECTION 72-6.7.8.9-1.90-11.90-12.13.14 LOCATION . SEC. . TWP. . RING.
COUNTY Peoria & Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. _____ Station _____
BORING NO. HMSB-125 Station 143+411
Offset 30.97m LT EB BL
Ground Surface Elev. 191.89 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	TEST RESULTS	UNITS
12	39	Surface Water Elev. _____ m		
		Stream Bed Elev. _____ m		
		Groundwater Elev.: _____ m		
		First Encounter _____ m		
		Upon Completion _____ m		
		After 24 Hrs. _____ m		
		Ground Surface Elev. 191.89 m		
12	39	NO SAMPLE TAKEN	12	12
191.58	628	Brown CLAY LOAM	1	14.6
			2	
			3	
			5	
			6	
			8	
			10	
			12	
189.60	622	Brown Coarse SAND w/ some gravel	2	5.1
			4	
			6	
			8	
			10	
			12	
188.53	618	Lt. Brown Med. SAND	2	4.7
			5	
			6	
			8	
			10	
			12	
187.77	614	Brown to Gray fine SAND	3	21.9
			5	
			8	
			10	
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