

LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS

A-1 to A-8 (and subgroups) Engineering classifications of soil in accordance with AASHTO M 145 standard specification. Q , kPa

Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart. w , %

Laminated Coal Shale Textural and engineering classification of bedrock in accordance with conventional practice.

$N, Bp0.15m$ N -value or standard penetration test value. Number of blows required to drive a standard split-spoon sampler 0.15 m as conducted in accordance with AASHTO T 206 standard specification. d , kgpm³

Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.

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.

Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard practice.

GROUNDWATER DATA

DD Water Level During Drilling
 BAR Water Level Before Auger Removal
 AAR Water Level After Auger Removal
 DC Dry Cave Level
 WC Wet Cave Level
 d Days
 h Hours

DRILLING METHOD

FA Flight Auger
 RW Rotary Wash
 HSA Hollow Stem Auger

SAMPLE TYPE

AU Auger
 SS Standard Split-barrel
 ST Thin-walled Tube
 DB Core Barrel

NOTES

1. The abbreviations, symbols and definitions in this Legend are commonly used and understood in the engineering and construction practices and are presented only for information and communication.

2. The Geotechnical Data presented in this Legend and on the Boring Logs are to be interpreted by personnel educated, trained, experienced and licensed to practice Geotechnical Engineering, and in direct communication with the Claude H. Hurley Company.

CLAUDE H. HURLEY COMPANY BORING LOG									
PROJECT NO. 3-380-D5 BORING NO. SB-40					PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR				
LOCATION PRELIMINARY BRIDGE RAMP B-SBL 10+556.8 28.4mL PEORIA & TAZEWELL COUNTIES, ILLINOIS					LOCATION PRELIMINARY BRIDGE RAMP B-SBL 10+556.8 28.4mL PEORIA & TAZEWELL COUNTIES, ILLINOIS				
DRILLING CONTRACTOR D & G DRILLING, INC.					DRILLING CONTRACTOR D & G DRILLING, INC.				
DATE OF DRILLING: STARTED 11-21-94 COMPLETED 11-21-94 SURFACE ELEVATION 199.09					DATE OF DRILLING: STARTED 11-21-94 COMPLETED 11-21-94 SURFACE ELEVATION 199.09				
DRILLED BY D. ROESEL					LOGGED BY K. OLSON				
CLASSIFICATION	Depth	N Sp0.15m	Qu KPa	W %	Td Kgp/m ³	DATE	DEPTH	HOUR	DRILLING METHOD
SHOULDER MATERIALS: 51mm AC, 254mm LOAM, A-4	AU	-	13	-	-	DD	11-21	13.26	MOBILE B-57 0.08m HSA-1.5R AUGER TYPE-DEPTH BR-18.3m
198.76	3	145	12	-	-	RW	11-21	0	CASING TYPE-DEPTH -
FILL: BR SILTY CLAY LOAM, A-4	5	-	11	-	-	-	11-23	3.66	SAMPLER TYPE AU-SS
198.48	3	240	23	-	-	CLASSIFICATION			
FILL: BR GRAVELLY SAND, A-1-b	5	-	-	-	-	Elev			
198.17	7	190	20	-	-	BR SILTY CLAY LOAM, A-4			
FILL: BLK CLAY, A-7-6	7	-	-	-	-	191.32			
197.78	4	345	19	-	-	8			
FILL: BR & DK BR SILTY CLAY LOAM, A-4	4	-	-	-	-	11			
197.41	4	220	25	-	-	9			
FILL: BR, GR & GRN GR SILTY CLAY, A-6	3	280	23	-	-	10			
195.13	2	270	22	-	-	11			
DK GR & DK BR SILTY CLAY, A-7-6	3	-	-	-	-	12			
194.37	3	270	26	-	-	13			
BR, DK BR & GR SILTY CLAY, A-7-6	4	-	-	-	-	14			
193.60	1	170	25	-	-	15			
BR & GR SILTY LOAM, A-4	3	-	-	-	-	16			
192.84	5	470	13	-	-	17			
BR GRAVELLY SAND, A-1-b	7	-	16	-	-	18			
192.08	7	-	13	-	-	19			
BR SILTY CLAY LOAM, A-4	9	-	-	-	-	20			

CLAUDE H. HURLEY COMPANY BORING LOG									
PROJECT NO. 3-380-D5 BORING NO. SB-40 (CONT.)					PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR				
LOCATION PRELIMINARY BRIDGE RAMP B-SBL 10+556.8 28.4mL PEORIA & TAZEWELL COUNTIES, ILLINOIS					LOCATION PRELIMINARY BRIDGE RAMP B-SBL 10+556.8 28.4mL PEORIA & TAZEWELL COUNTIES, ILLINOIS				
DRILLING CONTRACTOR D & G DRILLING, INC.					DRILLING CONTRACTOR D & G DRILLING, INC.				
DATE OF DRILLING: STARTED 11-21-94 COMPLETED 11-21-94 SURFACE ELEVATION 199.09					DATE OF DRILLING: STARTED 11-21-94 COMPLETED 11-21-94 SURFACE ELEVATION 199.09				
DRILLED BY D. ROESEL					LOGGED BY K. OLSON				
CLASSIFICATION	Depth	N Sp0.15m	Qu KPa	W %	Td Kgp/m ³	DATE	DEPTH	HOUR	DRILLING METHOD
GR GRAVELLY SAND, A-1-b	13	-	16	-	-	DD	11-21	13.26	MOBILE B-57 0.08m HSA-1.5R AUGER TYPE-DEPTH BR-18.3m
195.22	10	355	13	-	-	RW	11-21	0	CASING TYPE-DEPTH -
10	11	-	-	-	-	-	11-23	3.66	SAMPLER TYPE AU-SS
11	14	410	13	-	-	CLASSIFICATION			
12	14	420	13	-	-	Elev			
13	14	460	13	-	-	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6			
14	11	480	13	-	-	16			
15	10	535	13	-	-	17			
16	8	575	12	-	-	18			
17	10	430	15	-	-	19			
18	14	-	-	-	-	20			
19	17	-	-	-	-	21			
20	17	-	-	-	-	22			
21	9	430	15	-	-	23			
22	14	-	-	-	-	24			
23	17	-	-	-	-	25			
24	17	-	-	-	-	26			
25	17	-	-	-	-	27			
26	17	-	-	-	-	28			
27	17	-	-	-	-	29			
28	17	-	-	-	-	30			
29	17	-	-	-	-	31			
30	17	-	-	-	-	32			
31	17	-	-	-	-	33			
32	17	-	-	-	-	34			
33	17	-	-	-	-	35			
34	17	-	-	-	-	36			
35	17	-	-	-	-	37			
36	17	-	-	-	-	38			
37	17	-	-	-	-	39			
38	17	-	-	-	-	40			
39	17	-	-	-	-	41			
40	17	-	-	-	-	42			
41	17	-	-	-	-	43			
42	17	-	-	-	-	44			
43	17	-	-	-	-	45			
44	17	-	-	-	-	46			
45	17	-	-	-	-	47			
46	17	-	-	-	-	48			
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110	17	-	-	-	-	112			
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134	17	-	-	-	-	136			
135	17	-	-	-	-	137			
136	17	-	-	-	-	138			
137	17	-	-	-	-	139			
138	17	-	-	-	-	140			
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147	17	-	-	-	-	149			
148	17	-	-	-	-	150			
149	17	-	-	-	-	151			
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152	17	-	-	-	-	154			
153	17</								