

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. 3-380-05 BORING NO. SH-318					PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR					
LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 G. 846 PEORIA & TAZEWELL COUNTIES, ILLINOIS					LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 G. 846 PEORIA & TAZEWELL COUNTIES, ILLINOIS					
DRILLING CONTRACTOR D & S DRILLING, INC.					DRILLING CONTRACTOR D & S DRILLING, INC.					
DATE OF DRILLING STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 181.35					DATE OF DRILLING STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 181.35					
DRILLED BY D. ROSEEL LOGGED BY R. ROCKSTRA					DRILLED BY D. ROSEEL LOGGED BY R. ROCKSTRA					
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA			DRILLING METHOD			RIG TYPE	MOBILE S-57
			DATE	DEPTH	HOUR	DATE	DEPTH	HOUR		
191.05	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5	11-26	4.7	120	11-26	4.7	120	MOBILE S-57	
189.71	BR TO BR & GR LOAM, A-4	4								
188.15	BR SANDY LOAM, A-2-4	7								
187.65	BR TO GR SILTY LOAM, A-4	5								
185.14	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5								

CLAUDE H. HURLEY COMPANY BORING LOG										
PROJECT NO. 3-380-05 BORING NO. SH-318 (CONT)					PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR					
LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 G. 846 PEORIA & TAZEWELL COUNTIES, ILLINOIS					LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 G. 846 PEORIA & TAZEWELL COUNTIES, ILLINOIS					
DRILLING CONTRACTOR D & S DRILLING, INC.					DRILLING CONTRACTOR D & S DRILLING, INC.					
DATE OF DRILLING STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 181.35					DATE OF DRILLING STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 181.35					
DRILLED BY D. ROSEEL LOGGED BY R. ROCKSTRA					DRILLED BY D. ROSEEL LOGGED BY R. ROCKSTRA					
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA			DRILLING METHOD			RIG TYPE	MOBILE S-57
			DATE	DEPTH	HOUR	DATE	DEPTH	HOUR		
177.63	GR SAND, A-3	11								
176.70	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	11								
174.67	GR SILTY, A-4	12								
172.71	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	11								
172.34	END OF BORING	19								

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
BORING LOGS II			
MSE WALL NO. 8A - RAMP A-3 F.A.I. ROUTE 74 SECTION (72-7)R-3 PEORIA COUNTY STA. 10+362.421 TO STA 10+408.988 (RAMP A-3) STRUCTURE NUMBER 072-8557			
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS			
DRAWING NO. 9	SCALE N.T.S.	DATE 6/25/04	SHEET NO. 9

Time: 12:15:31 PM

Date: 11/22/2004

Filename: P:\649996\str\struct\072-8557-Wall #8A\sheet\Tr\cd\ings\BL0002-1A0728557.dgn