

**CLAUDE H. HURLEY COMPANY**  
**BORING LOG**

PROJECT NO. 3-380-D5 BORING NO. SB-29 (CONT.)  
 PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR  
 LOCATION BRIDGE NO. 072-0183 RAMP B-4BL 10+285.2 0.7mR PEORIA & TAZEWELL COUNTIES, ILLINOIS  
 DRILLING CONTRACTOR D & G DRILLING, INC.  
 DATE OF DRILLING: STARTED 11-22-94 COMPLETED 11-22-94 SURFACE ELEVATION 196.65  
 DRILLED BY D. ROESEL LOGGED BY K. OLSON

Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD						
			N	Qu	W	Yd	DATE	DEPTH	HOUR	RIG TYPE			
			Bp0.15m	KPa	%	Kgpm <sup>3</sup>							
182.05	BR SANDY LOAM, A-2-4	10 12 14	-	-	15	-							
182.05	BR SILTY LOAM, A-4	10 13 15	-	-	17	-							
181.29	BR GR GRAVELLY SAND, A-1-b	7 11 14	-	-	15	-							
180.68	END OF BORING	16											

**CLAUDE H. HURLEY COMPANY**  
**BORING LOG**

PROJECT NO. 3-380-D5 BORING NO. SB-294  
 PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR  
 LOCATION BRIDGE NO. 072-0183 RAMP B-1BL 10+828.2 2.7mL PEORIA & TAZEWELL COUNTIES, ILLINOIS  
 DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY  
 DATE OF DRILLING: STARTED 3-5-96 COMPLETED 3-7-96 SURFACE ELEVATION 196.38  
 DRILLED BY R. HULF LOGGED BY S. ARENDS

Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD						
			N	Qu	W	Yd	DATE	DEPTH	HOUR	RIG TYPE			
			Bp0.15m	KPa	%	Kgpm <sup>3</sup>							
196.12	SHOULDER MATERIALS: 127m A-C 127m GRAVELLY SAND, A-1-b												
189.06	BR SAND, A-3	3 7 9	-	-	22	-							
188.30	BR SILTY CLAY LOAM, A-6	6 10 15	285	16	-	-							
187.85	BR SILTY CLAY, A-6	11 17 22	-	-	10	-							
187.75	BR SILT, A-4	3 6 7	115	18	-	-							
187.54	BR GRAVELLY SAND, A-1-b	14 22 25	-	-	14	-							
186.78	BR SAND, A-3	12 18 22	-	-	14	-							
189.83	BR SILTY LOAM, A-4	10 12 16	-	-	5	-							
189.37	BR SAND, A-3	7 11 17	-	-	19	-							

**CLAUDE H. HURLEY COMPANY**  
**BORING LOG**

PROJECT NO. 3-380-D5 BORING NO. SB-294 (CONT.)  
 PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR  
 LOCATION BRIDGE NO. 072-0183 RAMP B-1BL 10+828.2 2.7mL PEORIA & TAZEWELL COUNTIES, ILLINOIS  
 DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY  
 DATE OF DRILLING: STARTED 3-5-96 COMPLETED 3-7-96 SURFACE ELEVATION 196.38  
 DRILLED BY R. HULF LOGGED BY S. ARENDS

Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD						
			N	Qu	W	Yd	DATE	DEPTH	HOUR	RIG TYPE			
			Bp0.15m	KPa	%	Kgpm <sup>3</sup>							
182.97	BR SANDY LOAM, A-2-4	3 7 9	-	-	20	-							
182.21	BR GRAVELLY SAND, A-1-b	8 9 11	-	-	17	-							
181.75	BR GR GRAVELLY SAND, A-1-b	7 10 18	-	-	14	-							
181.44	GR SAND, A-3	7 10 18	-	-	14	-							
180.68	GR GRAVELLY SAND, A-1-b	7 22 26	-	-	12	-							
179.16	GR SILTY CLAY, A-6	8 14 18	420	25	-	-							
178.40	GR SAND, A-3	11 12 18	-	-	15	-							
177.03	END OF BORING	11 14 18	-	-	15	-							

**LEGEND**

A-1 to A-8 (and subgroups)	Engineering classifications of soil in accordance with AASHTO M 145 standard specification.	Qu, kPa	Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.
Silty Clay Loam	Textural classification of soil in accordance with IDOT Triangular Chart.	w, %	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.
Laminated Coal Shale	Textural and engineering classification of bedrock in accordance with conventional practice.	Yd, kgpm <sup>3</sup>	Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard 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.		

GROUNDWATER DATA	DRILLING METHOD	SAMPLE TYPE
DD Water Level During Drilling	FA Flight Auger	AU Auger
BAR Water Level Before Auger Removal	RW Rotary Wash	SS Standard Split-barrel
AAR Water Level After Auger Removal	HSA Hollow Stem Auger	ST Thin-walled Tube
DC Dry Cave Level		DB Core Barrel
WC Wet Cave Level		
d Days		
h Hours		

**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.

Notes:  
 For additional boring logs of Boring No. SB-29, see Sheet 52.

**STATE OF ILLINOIS**  
DEPARTMENT OF TRANSPORTATION

**BORING LOGS II**

RAMPS B-1 AND B-4 OVER F.A.I. ROUTE 74 (I-74)  
RAMPS A-3 AND B-3  
F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY  
STATION 10+779.03 STRUCTURE NUMBER 072-0183

PARSONS TRANSPORTATION GROUP  
CHICAGO, ILLINOIS

DRAWING NO. 53	SCALE N.T.S.	DATE 2-18-03	SHEET NO. 53
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