

Date: 11/23/2004 Time: 09:24:37 AM

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CLAUDE H. HURLEY COMPANY															
BORING LOG										BORING NO. SB-295					
PROJECT NO. 3-380-D5															
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR															
LOCATION BRIDGE NO. 072-0183 RAMP B-4BL 10+324.0 8.7mR PEORIA & TAZEWELL COUNTIES, ILLINOIS															
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY															
DATE OF DRILLING: STARTED 3-5-96 COMPLETED 3-5-96 SURFACE ELEVATION 190.46															
DRILLED BY R. WULF LOGGED BY S. AREMS															
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD								
			N	Q <sub>u</sub>	w	Y <sub>d</sub>	DATE	DEPTH	HOUR	RIG TYPE					
	FILL: BR SILTY CLAY LOAM, A-6		AD	-	16	-									
189.85	BR SILTY LOAM, A-4	6	10	-	30	-									
189.55	BR GRAVELLY SAND, A-1-b	7	10	-	6	-									
188.48	BR SILT, A-4	6	6	-	24	-									
187.72	BR SILTY CLAY, A-6	6	8	385	22	-									
187.11	GR SILTY CLAY, A-6	2	5	200	23	-									
186.18	BR SILTY CLAY, A-6	3	7	430	25	-									
185.74	BR SAND, A-3	9	-	-	13	-									
185.43	BR SANDY LOAM, A-2-4	6	7	-	18	-									
184.67	BR SILTY LOAM, A-4	10	13	-	17	-									
183.33	GR SILTY CLAY, A-6	7	9	-	15	-									

CLAUDE H. HURLEY COMPANY															
BORING LOG										BORING NO. SB-295 (CONT.)					
PROJECT NO. 3-380-D5															
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR															
LOCATION BRIDGE NO. 072-0183 RAMP B-4BL 10+324.0 8.7mR PEORIA & TAZEWELL COUNTIES, ILLINOIS															
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY															
DATE OF DRILLING: STARTED 3-5-96 COMPLETED 3-5-96 SURFACE ELEVATION 190.46															
DRILLED BY R. WULF LOGGED BY S. AREMS															
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD								
			N	Q <sub>u</sub>	w	Y <sub>d</sub>	DATE	DEPTH	HOUR	RIG TYPE					
	GR SILTY LOAM, A-4														
176.29	GR SAND, A-3	15	20	-	18	-									
174.92	END OF BORING														

CLAUDE H. HURLEY COMPANY															
BORING LOG										BORING NO. SB-296					
PROJECT NO. 3-380-D5															
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR															
LOCATION BRIDGE NO. 072-0183 RAMP B-1BL 10+768.1 2.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS															
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY															
DATE OF DRILLING: STARTED 3-4-96 COMPLETED 3-4-96 SURFACE ELEVATION 189.00															
DRILLED BY R. WULF LOGGED BY S. AREMS															
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD								
			N	Q <sub>u</sub>	w	Y <sub>d</sub>	DATE	DEPTH	HOUR	RIG TYPE					
	FILL: BR TO DK BR. CLAY LOAM, A-3		AD	-	12	-									
188.39	BR GRAVELLY SAND, A-1-b	2	3	-	15	-									
187.78	BR SILTY CLAY LOAM, A-4	3	6	240	15	-									
187.02	BR SAND, A-3	8	8	-	16	-									
185.04	BR SILTY CLAY LOAM, A-4	6	8	-	14	-									
184.46	BR SANDY LOAM, A-2-4	12	15	-	11	-									
183.97	BR CLAY LOAM, A-4	6	8	-	10	-									
183.21	GR SILTY CLAY LOAM, A-4	20	20	-	-	-									
182.45	GR LOAM, A-4	20	21	-	-	-									
181.99	GR SILTY CLAY LOAM, A-4	6	8	190	11	-									

**LEGEND**

- |                            |  |                                    |   |     |                                  |     |                       |
|----------------------------|--|------------------------------------|---|-----|----------------------------------|-----|-----------------------|
| A-1 to A-8 (and subgroups) | Engineering classifications of soil in accordance with AASHTO M 145 standard specification.  | Q <sub>u</sub> , kPa               | Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.   | DD  | Water Level During Drilling      | FA  | Flight Auger          |
| 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. | BAR | Water Level Before Auger Removal | RW  | Rotary Wash           |
| Laminated Coal Shale       | Textural and engineering classification of bedrock in accordance with conventional practice.   | Y <sub>d</sub> , kgpm <sup>3</sup> | Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard practice.   | AAR | Water Level After Auger Removal  | HSA | Hollow Stem Auger     |
| 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. |                                    |   | DC  | Dry Cave Level                   | AU  | Auger                 |
|                            |  |                                    |   | WC  | Wet Cave Level                   | SS  | Standard Split-barrel |
|                            |  |                                    |   | d   | Days                             | ST  | Thin-walled Tube      |
|                            |  |                                    |   | h   | Hours                            | DB  | Core Barrel           |

- NOTES**
- 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.
  - 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-296, see Sheet 55.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
BORING LOGS III			
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. 54	SCALE N.T.S.	DATE 2-18-03	SHEET NO. 54