ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	442	1360
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-35 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+414.1 9.4mR (STRUCTURE / STATION / OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 2-22-96 COMPLETED 2-29-96 SURFACE ELEVATION 192.55

DRILLED BY S. SCOTT LOGGED BY S. ARENDS

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5 9 13	190	13	-
178.53 END OF BORING (14)				

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	2-29	5.94	-
AAR	2-29	8.08	0
WC	3-1	6.64	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-14.0m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth) | N Bp0.15m | Qu KPa | w % | γd Kgpm³

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-31B

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 6.4mL (STRUCTURE / STATION / OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR D & G DRILLING, INC.

DATE OF DRILLING: STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 191.39

DRILLED BY D. ROESEL LOGGED BY R. HOEKSTRA

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
TOPSOIL FILL: DR BR SILTY CLAY LOAM, A-6	AU	-	13	-
191.09 BR TO BR & GR LOAM, A-4 (1)	5 6 7	595	13	-
	4 7 7	375	15	-
189.71 BR GRAVELLY LOAM, A-2-4 (2)	5 5 4	-	14	-
	6 4 4	-	7	-
188.19 BR SANDY LOAM, A-2-4 (3)	7 9 10	-	15	-
187.43 BR TO GR SILTY LOAM, A-4 (4)	5 5 3	-	22	-
(5)	5 7 7	-	22	-
(6)	5 7 10	-	19	-
185.14 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6 (7)	5 8 9	355	13	-
GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6 (8)	5 8 10	385	12	-
	4 6 11	545	12	-
(9)	6 8 12	660	12	-
182.09 GR SILTY LOAM, A-4 (10)	5 8 8	-	19	-
	5 11 15	-	18	-
180.87 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		535	13	-
180.57 GR SILTY LOAM, A-4 (11)	9 11 13	-	18	-
(12)	8 9 12	-	20	-
178.28 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6 (13)	11 11 13	-	15	-

GROUNDWATER DATA

	DATE	DEPTH	HOUR
RW	11-26	-	0
-	12-18	4.7	22d

DRILLING METHOD: RIG TYPE MOBILE B-57; AUGER TYPE-DEPTH 0.10m FA-1.5m RW-19.1m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth) | N Bp0.15m | Qu KPa | w % | γd Kgpm³

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-31B (CONT)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0172 RAMP A-3BL 10+399.8 6.4mL (STRUCTURE / STATION / OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR D & G DRILLING, INC.

DATE OF DRILLING: STARTED 11-26-97 COMPLETED 11-26-97 SURFACE ELEVATION 191.39

DRILLED BY D. ROESEL LOGGED BY R. HOEKSTRA

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	10 11 16	680	10	-
177.52 GR SAND, A-3 (14)	11 12 15	-	13	-
176.76 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6 (15)	11 11 18	845	12	-
(16)	8 9 12	585	10	-
	11 13 16	615	12	-
174.47 GR SILT, A-4 (17)	12 14 19	-	17	-
173.71 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6 (18)	11 13 16	385	13	-
	12 14 14	395	13	-
172.34 END OF BORING (19)				

GROUNDWATER DATA

	DATE	DEPTH	HOUR
RW	11-26	-	0
-	12-18	4.7	22d

DRILLING METHOD: RIG TYPE MOBILE B-57; AUGER TYPE-DEPTH 0.10m FA-1.5m RW-19.1m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth) | N Bp0.15m | Qu KPa | w % | γd Kgpm³

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.
Silty Clay Loam	Textural classification of soil in accordance with IDOT Triangular Chart.
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.
Q , kPa	Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.
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.
d, kgpm³	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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II

RAMP A-3 OVER RAMP B-5
F.A.I. ROUTE 74 (SECTION 72-7)R-3
PEORIA COUNTY STA. 10+418.515 (RAMP A-3)
STRUCTURE NUMBER 072-0172

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO.	SCALE	DATE	SHEET NO.
BL-2	N.T.S.	11/16/04	23

Filename: P:\643996\structural\A3\072-0172\Sheet\Tracings\BL0002-IA072072d.dgn
Date: 11/22/2004 Time: 03:55:36 PM