ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	441	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-34

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0172 (STRUCTURE) RAMP A-3BL 10+447.7 (STATION) 1.3mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 2-28-96 COMPLETED 2-29-96 SURFACE ELEVATION 190.25

DRILLED BY S. SCOTT LOGGED BY S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	2-29	DRY	-
AAR	2-29	8.23	0
-	3-1	1.62	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-17.1m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	W %	γd Kgpm³
		TOPSOIL FILL: DK BR SILTY CLAY LOAM, A-6	AU	-	21	-
189.95						
	1	BR TO BR & GR LOAM, A-4	4 7 7	305	15	-
			4 7 9	375	14	-
	2		5 8 11	440	15	-
187.51						
	3	GR BR SILTY CLAY LOAM, A-4 TO A-6	6 13 17	555	14	-
186.74						
	4	BR GR TO GR SILTY CLAY LOAM, A-4	6 6 17	525	11	-
			6 9 13	400	14	-
	5		6 10 11	385	13	-
184.46						
	6	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5 9 10	285	12	-
	7		6 8 12	280	11	-
	8		6 8 10	285	13	-
	9		4 8 10	365	10	-
			6 8 10	270	16	-
	10		6 8 12	250	12	-
	11		5 9 12	400	12	-
	12		6 11 15	335	13	-
	13		6 14 13	490	12	-
			7 11 15	480	11	-

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-34 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0172 (STRUCTURE) RAMP A-3BL 10+447.7 (STATION) 1.3mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 2-28-96 COMPLETED 2-29-96 SURFACE ELEVATION 190.25

DRILLED BY S. SCOTT LOGGED BY S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	2-29	DRY	-
AAR	2-29	8.23	0
-	3-1	1.62	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-17.1m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	W %	γd Kgpm³
		GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	7 10 15	375	12	-
	14					
			7 13 18	325	14	-
	15		7 13 16	345	13	-
	16		7 10 16	325	13	-
			7 12 15	315	12	-
173.18	17	END OF BORING				
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-35

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

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

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 2-28-96 COMPLETED 2-29-96 SURFACE ELEVATION 192.55

DRILLED BY S. SCOTT LOGGED BY S. ARENDS

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; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	W %	γd Kgpm³
		TOPSOIL FILL: DK BR SILTY CLAY LOAM, A-6	AU	-	20	-
191.94						
	1	BR TO BR & GR LOAM, A-4	4 6 7	410	13	-
			7 10 14	660	11	-
	2		7 12 13	510	13	-
189.81						
	3	GR BR SILTY CLAY LOAM, A-4 TO A-6	7 12 15	430	15	-
188.74						
	4	BR GR SILTY CLAY LOAM, A-4	7 13 15	460	13	-
			6 8 10	400	13	-
	5		6 8 10	270	13	-
187.22						
		BR & GR BR SILTY CLAY LOAM, A-4	7 11 17	-	-	-
186.76						
	6	BR SANDY LOAM, A-2-4	8 11 14	440	13	-
	7		12 14 18	-	15	-
	8	BR SANDY LOAM, A-2-4	14 18 21	-	8	-
			14 18 26	-	9	-
183.71						
	9	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	8 14 19	375	13	-
	10		6 7 11	345	13	-
	11		8 9 9	250	14	-
			10 12 14	270	14	-
	12		9 10 12	295	12	-
	13		6 10 14	315	13	-

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 I

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-1	N.T.S.	11/16/04	22

Date: 11/22/2004 Time: 03:50:46 PM
Filename: P:\643996\structural\A3\072-0172\Sheet\Tracings\BL0001-A072-0172.dgn