ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	TAZEWELL	1366	635
FED. ROAD DIST. NO. 7		STATE	FED. AID PROJECT	

SHEET NO. 13
20 SHEETS

*90-11HB-5

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D4 — BORING NO. SB-239

PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR

LOCATION BRIDGE NO. 090-0160 (STRUCTURE) RAMP K-2BL 10+495.1 (STATION) 6.8mR (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-5-96 COMPLETED 4-8-96 SURFACE ELEVATION 152.02

DRILLED BY S. SCOTT — LOGGED BY M. DENAULT/S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	4-8	DRY	-
AAR	4-8	7.0	0
-	4-9	7.0	1d

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-3.8m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS-NX

Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
151.84 / 0	TOPSOIL FILL: BR, DK BR & YEL BR LOAM, A-4	AU	-	7	-
		AU	-	1	-
1		AU	-	10	-
	BR SANDY LOAM, A-4	AU	-	12	-
2		9 12 21	-	6	-
		16 27 27	-	5	-
3					
148.67 / 4	BR SAND, A-3	16 12 10	-	2	-
148.02 / 4	BR GRAVELLY SAND, A-1-b COAL FRAGMENTS	6 7 10	-	5	-
147.14 / 5	GR WEAKLY CEMENTED SANDSTONE	100/ 0.13m	-	9	-
146.69	BR CEMENTED SANDSTONE	NX	REC = RQD =		100% 100%
146.29 / 6	GR CEMENTED SANDSTONE	NX	REC = RQD =		100% 100%
145.41 / 7	BLK & DK YEL BR COAL VOID	NX	REC = RQD =		100% 0%
Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
8	BLK & DK YEL BR COAL VOID	NX	REC = RQD =		100% 0%
143.88	DK GR TO GR LAMINATED CLAY SHALE	NX	REC = RQD =		100% 100%
143.46	BLK COAL VOID	NX	REC = RQD =		100% 0%
9		NX	REC = RQD =		100% 48%
143.00	DK GR TO GR LAMINATED CLAY SHALE				
142.36 / 10	GR, DK GR & GRN GR MASSIVE CLAY SHALE	NX	REC = RQD =		100% 100%
141.90	LT GRN TO GR MASSIVE CLAY SHALE	NX	REC = RQD =		100% 0%
11		100/ 0.13m	-	9	-
		100/ 0.15m	-	12	-
12		39 64/ 0.10m	-	14	-
13					

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D4 — BORING NO. SB-239 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR

LOCATION BRIDGE NO. 090-0160 (STRUCTURE) RAMP K-2BL 10+495.1 (STATION) 6.8mR (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-5-96 COMPLETED 4-8-96 SURFACE ELEVATION 152.02

DRILLED BY S. SCOTT — LOGGED BY M. DENAULT/S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	4-8	DRY	-
AAR	4-8	7.0	0
-	4-9	7.0	1d

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-3.8m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS-NX

Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
14	LT GRN TO GR MASSIVE CLAY SHALE	100/ 0.15m	-	12	-
138.61	END OF BORING				
15					
16					
17					
18					
19					
20					
Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
21					
22					
23					
24					
25					
26					

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D4 — BORING NO. SB-251

PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR

LOCATION BACKSLOPE (STRUCTURE) RAMP K-2BL 10+483.1 (STATION) 23.6mR (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 3-8-96 COMPLETED 3-8-96 SURFACE ELEVATION 159.98

DRILLED BY S. SCOTT — LOGGED BY M. DENAULT

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	3-8	14.3	-
DC	3-8	9.4	0
-	3-9	DRY	6d

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-16.0m; CASING TYPE-DEPTH -; SAMPLER TYPE AD-SS

Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
159.98 / 0	TOPSOIL FILL: DK BR SILTY LOAM, A-4	AU	-	11	-
159.43	BR SANDY LOAM, A-4	7 12 15	-	10	-
1					
158.76	BR GRAVELLY SAND, A-1-b	8 12 13	-	3	-
158.00 / 2	BR SAND, A-3	8 12 19	-	4	-
157.24	BR SILT, A-4	17 22 17	-	22	-
3					
156.47	BR SAND, A-3	5 10 14	-	4	-
4		8 9 11	-	4	-
5		7 12 13	-	3	-
154.19 / 6	BR SILTY LOAM, A-4	18 27 26	525	15	-
7		10 15 12	460	13	-
Elev / Depth	CLASSIFICATION	N Bp0.15m	Q_u KPa	W %	γ_d Kgpm³
	BR SILTY LOAM, A-4				
152.66 / 8	BR SANDY LOAM, A-4	7 11 15	-	15	-
		11 13 13	-	14	-
151.45	BR SAND, A-3		-	7	-
9		10 13 14	-	2	-
150.99	BR GRAVELLY SAND, A-1-b				
150.38	BR SAND, A-3	11 14 12	-	3	-
10		7 9 12	-	3	-
11		11 12 88/0.08m	-	3	-
148.40 / 12	DK GR TO GR WEAKLY CEMENTED SANDSTONE	92 8/0.08m	-	8	-
13		100/ 0.03m	-	9	-

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING DATA
RETAINING WALL 82
F.A.I. RTE. 74 (I-74)
SECTION 90-11HB-5
TAZEWELL COUNTY
RAMP K-2 STATION 10+378 TO 10+507
STRUCTURE NUMBER 090-8513

REVISIONS
NAME

LIN ENGINEERING,LTD.
210 W. Chestnut — Chatham, Illinois 62629
(217) 483-4468 — FAX (217) 483-4706
Designed By: MTH — Checked By: KRG — Drawn By: JMD
Date: 09/02 — File: rp0413-5b0908513.dgn