| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| FAI 74 | * | TAZEWELL | 1366 | 619 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT. | | |

*90-11HB-5

SHEET NO. 18
21 SHEETS

CLAUDE H. HURLEY COMPANY

## BORING LOG

PROJECT NO. 3-380-04 BORING NO. RB-363
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR
LOCATION RETAINING WALL NO. 81 (STRUCTURE) RAMP K-2BL (STATION) 10+277.8 (OFFSET) 10.7mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)
DRILLING CONTRACTOR D & G DRILLING, INC.
DATE OF DRILLING: STARTED 12-15-97 COMPLETED 12-15-97 SURFACE ELEVATION 151.08
DRILLED BY J. KODITEK LOGGED BY J. DALTON

GROUNDWATER DATA

| | DATE | DEPTH | HOUR |
|---|---|---|---|
| BH | 12-15 | - | 0 |
| - | 12-16 | 7.0 | 16 |

DRILLING METHOD
RIG TYPE MOBILE B-57 0.10m FA-1.5m
AUGER TYPE-DEPTH RB-8.8m
CASING TYPE-DEPTH -
SAMPLER TYPE AU-SS

| Elev / Depth | CLASSIFICATION | N Bp0.15m | Qu KPa | W % | Yd Kgpm³ |
|---|---|---|---|---|---|
| 150.62 | TOPSOIL FILL: BR & DK BR SILTY LOAM, A-4 | AU | - | 8 | - |
| | | 4 6 8 | - | 10 | - |
| | | 4 5 | - | 8 | - |
| | | | | | |
| | | 4 6 8 | - | 4 | - |
| | | | | | |
| | | 7 9 11 | - | 5 | - |
| | BR SAND, A-2-4 | | | | |
| | | 10 12 13 | - | 8 | - |
| | | | | | |
| | | 10 13 16 | - | 5 | - |
| | | | | | |
| | | 6 7 8 | - | 5 | - |
| | | | | | |
| | | 11 8 13 | - | 8 | - |
| 145.59 | BR & GR SAND, A-3 | | | | |
| | | 100/ 0.10m | - | 17 | - |
| 145.29 | BLK LAMINATED COAL | | | | |
| | | 100/ 0.13m | - | 25 | - |
| 144.22 | DK GR TO GR LAMINATED CLAY SHALE | | | | |

| Elev / Depth | CLASSIFICATION | N Bp0.15m | Qu KPa | W % | Yd Kgpm³ |
|---|---|---|---|---|---|
| | DK GR TO GR LAMINATED CLAY SHALE | 100/ 0.08m | - | 15 | - |
| | | 100/ 0.15m | - | 18 | - |
| | | 100/ 0.13m | - | 14 | - |
| 142.27 | END OF BORING | | | | |

RSV ENGINEERING, INC. SCHAUMBURG, ILLINOIS

## BORING LOG

JOB NO: 98600 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
PROJECT: Interstate Route 74 Improvements - Peoria, Illinois
LOCATION: Retaining Wall Ramp J-3 SN 090-8513
BORING RIG & METHOD: CME-75 w/Hollow Stem Augers

BORING NO: RWJ3-3
STATION: 10+269
OFFSET: 6.3m Lt
SURF ELEV: 148.75

| SOIL DESCRIPTION | ELEV. | DEPTH | SAMPLE FROM - TO | REC. mm | BLOWS/ 150mm | $q_u$ kPa | STRAIN % | WATER CONTENT % |
|---|---|---|---|---|---|---|---|---|
| FILL: Br & Gr Sand A-1-b | 148.05 | | 0.00-0.30 | | Auger 4 | | | 10 |
| | | | 0.30-0.76 | 457 | 6-7 | | | 14 |
| Br & Gr SANDSTONE (weakly cemented) | 147.07 | | 1.07-1.52 | 457 | 26 22-21 | | | 7 |
| | | | 1.83-2.29 | 356 | 6 8-4 | | | 11 |
| Intermixed Br & Gr Sandstone, Shale and Coal (Possible Partially Filled Mine) | ▽ 146.05 | | 2.59-3.05 | 457 | 5 5-7 | | | 16 |
| | | | 3.35-3.81 | 381 | 4 4-13 | | | 10 |
| | | | 4.11-4.36 | 229 | 35-100/ 75mm | | | 10 |
| | | 5 | 4.88-5.03 | 152 | 100/ 150mm | | | 9 |
| Gr SHALE (very thinly foliated), becoming Clayey; Coal fragments noted | | | 5.64-5.73 | 76 | 100/ 75mm | | | 7 |
| | | | 6.40-6.68 | 279 | 87-100/ 125mm | | | 11 |
| | | | 7.16-7.41 | 229 | 34-100/ 75mm | | | 10 |
| | 140.21 | | 8.08-8.53 | 457 | 15 33-67 | | | 15 |

Boring terminated at 8.5m

REMARKS

* Denotes Calibrated Penetrometer Estimate

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| WATER | 3.4 m | ELEV. | 145.40 | DURING DRILLING | ▽ CORE SIZE | mm | DATE: Jun 21, 90 |
| WATER | m | ELEV. | | AT COMPLETION | ▼ CASING LENGTH | m | DRILLER: Fehl |
| WATER | Dry m | ELEV. | | AFTER 1/4 HRS. | ▼ CASING DIAMETER | mm | INSPECTOR: Reed |

CLAUDE H. HURLEY COMPANY

## BORING LOG

PROJECT NO. 3-380-04 BORING NO. RB-364
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR
LOCATION RETAINING WALL NO. 81 (STRUCTURE) RAMP K-2BL (STATION) 10+255.3 (OFFSET) 8.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)
DRILLING CONTRACTOR D & G DRILLING, INC.
DATE OF DRILLING: STARTED 12-12-97 COMPLETED 12-12-97 SURFACE ELEVATION 151.09
DRILLED BY J. KODITEK LOGGED BY J. DALTON

GROUNDWATER DATA

| | DATE | DEPTH | HOUR |
|---|---|---|---|
| DD | 12-12 | 6.4 | - |
| BH | 12-12 | - | 0 |
| - | 12-16 | 6.0 | 44 |

DRILLING METHOD
RIG TYPE MOBILE B-57 0.10m FA-1.5m
AUGER TYPE-DEPTH RB-9.1m
CASING TYPE-DEPTH -
SAMPLER TYPE AU-SS

| Elev / Depth | CLASSIFICATION | N Bp0.15m | Qu KPa | W % | Yd Kgpm³ |
|---|---|---|---|---|---|
| 150.79 | TOPSOIL FILL: BR & DK BR SILTY LOAM, A-4 | AU | - | 7 | - |
| | | 7 8 8 | 625 | 11 | - |
| | BR TO BR & GR SILTY LOAM, A-4 | | | | |
| | | 10 13 16 | 230 | 13 | - |
| 149.41 | BR SAND, A-3 | | | | |
| | | 8 9 13 | - | 13 | - |
| 148.80 | BR SAND, A-2-4 | | | | |
| | | 9 13 16 | - | 11 | - |
| 147.89 | W/SILTY LOAM, A-4 SEAMS | | | | |
| | | 11 11 13 | - | 11 | - |
| | BR & GR SAND, A-3 | | | | |
| | | 9 15 15 | - | 5 | - |
| | | 8 7 12 | - | 22 | - |
| | | | - | 5 | - |
| | | 10 12 15 | - | 7 | - |
| | | 14 12 17 | - | 12 | - |

| Elev / Depth | CLASSIFICATION | N Bp0.15m | Qu KPa | W % | Yd Kgpm³ |
|---|---|---|---|---|---|
| | BR & GR SAND, A-3 | 10 15 16 | - | 16 | - |
| | | 14 14 15 | - | 18 | - |
| 142.56 | BR SANDY GRAVEL, A-1-a | 24 50 /0.05m | - | 12 | - |
| 142.25 | DK GR TO GR LAMINATED CLAY SHALE | | - | 15 | - |
| 142.04 | END OF BORING | | | | |

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: 06/02 | File: rp0418-5b0908512.dgn

| REVISIONS | |
|---|---|
| NAME | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING DATA
RETAINING WALL 81
F.A.I. RTE. 74 (I-74)
SECTION 90-11HB-5
TAZEWELL COUNTY
RAMP J-3 STATION 10+037 TO 10+213
S.N. 090-8512

...\Wall 81\rp0418-5b0908512.dgn 12/10/2004 7:28:29 AM