



# SOIL BORING LOG

Date 7/26/04

ROUTE FAI 80 DESCRIPTION P92-037-03 I-80 over East Bureau Creek, 1.2 m. E. of I-180 LOGGED BY C. Jenkins

SECTION 06-6B, 6F LOCATION Selby Twp. - 5 SE, SEC. 16N, RING. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

| STRUCT. NO. | Station | DEPT | BLOW | UCS   | MOIST | Surface Water Elev. | Stream Bed Elev. | DEPT | BLOW | UCS    | MOIST |
|-------------|---------|------|------|-------|-------|---------------------|------------------|------|------|--------|-------|
| B-1         | 1434+82 | H    | 5    | 0.6 P | 8     | 634.8               | 632.3            | H    | 12   |        |       |
|             |         | H    | 11   |       |       |                     |                  | H    | 5    |        |       |
|             |         | H    | 11   | 2.5 S | 10    |                     |                  | H    | 1    | 0.6 B  | 32    |
|             |         | H    | 6    |       |       |                     |                  | H    | 2    | 0.7 S  | 33    |
|             |         | H    | 6    | 3.7 S | 11    |                     |                  | H    | 9    |        |       |
|             |         | H    | 5    |       |       |                     |                  | H    | 8    | 6.4 S  | 11    |
|             |         | H    | 5    |       |       |                     |                  | H    | 15   |        |       |
|             |         | H    | 6    |       |       |                     |                  | H    | 7    | 1.7 S  | 11    |
|             |         | H    | 12   |       |       |                     |                  | H    | 3    | 1.5 B  | 13    |
|             |         | H    | 5    | 1.8 S |       |                     |                  | H    | 3    | 1.5 B  | 13    |
|             |         | H    | 8    |       |       |                     |                  | H    | 6    |        |       |
|             |         | H    | 8    |       |       |                     |                  | H    | 14   | 9.9 S  | 9     |
|             |         | H    | 5    |       |       |                     |                  | H    | 19   |        |       |
|             |         | H    | 7    |       |       |                     |                  | H    | 25   |        |       |
|             |         | H    | 7    |       |       |                     |                  | H    | 22   | 12.0 S | 9     |
|             |         | H    | 7    |       |       |                     |                  | H    | 25   |        |       |
|             |         | H    | 8    |       |       |                     |                  | H    | 33   |        |       |
|             |         | H    | 2    |       |       |                     |                  | H    | 10   |        |       |
|             |         | H    | 6    | 2.4 S | 21    |                     |                  | H    | 12   | 5.4 S  | 10    |
|             |         | H    | 6    |       |       |                     |                  | H    | 14   |        |       |
|             |         | H    | 6    |       |       |                     |                  | H    | 11   |        |       |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)



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ROUTE FAI 80 DESCRIPTION P92-037-03 I-80 over East Bureau Creek, 1.2 m. E. of I-180 LOGGED BY C. Jenkins

SECTION 06-6B, 6F LOCATION Selby Twp. - 5 SE, SEC. 16N, RING. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

| STRUCT. NO. | Station | DEPT | BLOW | UCS   | MOIST | Surface Water Elev. | Stream Bed Elev. | DEPT | BLOW    | UCS   | MOIST |
|-------------|---------|------|------|-------|-------|---------------------|------------------|------|---------|-------|-------|
| B-1         | 1434+82 | H    | 8    |       |       | 634.8               | 632.3            | H    | 2       |       |       |
|             |         | H    | 9    | 3.4 S | 7     |                     |                  | H    | 5       | 2.5 S | 14    |
|             |         | H    | 13   |       |       |                     |                  | H    | 11      |       |       |
|             |         | H    | 5    |       |       |                     |                  | H    | 8       |       |       |
|             |         | H    | 6    | 2.9 S | 11    |                     |                  | H    | 17      | 6.8 S | 14    |
|             |         | H    | 10   |       |       |                     |                  | H    | 24      |       |       |
|             |         | H    | 3    |       |       |                     |                  | H    | 11      |       |       |
|             |         | H    | 5    | 1.9 S | 12    |                     |                  | H    | 11      | 5.8 S | 13    |
|             |         | H    | 8    |       |       |                     |                  | H    | 13      |       |       |
|             |         | H    | 3    |       |       |                     |                  | H    | 4       |       |       |
|             |         | H    | 6    | 1.7 S | 11    |                     |                  | H    | 100/10' |       |       |
|             |         | H    | 7    |       |       |                     |                  | H    | 32      |       |       |
|             |         | H    | 1    |       |       |                     |                  | H    | 41      |       |       |
|             |         | H    | 3    | 1.5 B | 13    |                     |                  | H    | 40      |       |       |
|             |         | H    | 6    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 1    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 4    | 1.6 B | 13    |                     |                  | H    |         |       |       |
|             |         | H    | 7    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 1    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 4    | 2.5 B | 20    |                     |                  | H    |         |       |       |
|             |         | H    | 8    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 4    |       |       |                     |                  | H    |         |       |       |
|             |         | H    | 8    | 2.3 B | 19    |                     |                  | H    |         |       |       |
|             |         | H    | 11   |       |       |                     |                  | H    |         |       |       |

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# SOIL BORING LOG

Date 7/29/04

ROUTE FAI 80 DESCRIPTION P92-037-03 I-80 over East Bureau Creek, 1.2 m. E. of I-180 LOGGED BY C. Jenkins

SECTION 06-6B, 6F LOCATION Selby Twp. - 5 SE, SEC. 16N, RING. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

| STRUCT. NO. | Station | DEPT | BLOW | UCS   | MOIST | Surface Water Elev. | Stream Bed Elev. | DEPT | BLOW | UCS   | MOIST |
|-------------|---------|------|------|-------|-------|---------------------|------------------|------|------|-------|-------|
| B-2         | 1434+75 | H    | 6    |       |       | 634.8               | 632.3            | H    | 1    |       |       |
|             |         | H    | 6    | 3.4 S | 7     |                     |                  | H    | 1    |       |       |
|             |         | H    | 10   |       |       |                     |                  | H    | 1    | 0.3 B | 35    |
|             |         | H    | 8    |       |       |                     |                  | H    | 4    |       |       |
|             |         | H    | 2    | 0.3 P | 23    |                     |                  | H    | 2    |       |       |
|             |         | H    | 1    |       |       |                     |                  | H    | 1    |       |       |
|             |         | H    | 2    |       |       |                     |                  | H    | 4    | 1.4 P | 14    |
|             |         | H    | 5    |       |       |                     |                  | H    | 5    |       |       |
|             |         | H    | 6    |       |       |                     |                  | H    | 8    | 3.1 B | 12    |
|             |         | H    | 12   |       |       |                     |                  | H    | 12   |       |       |
|             |         | H    | 5    |       |       |                     |                  | H    | 9    | 3.1 B | 12    |
|             |         | H    | 15   |       |       |                     |                  | H    | 15   |       |       |
|             |         | H    | 7    |       |       |                     |                  | H    | 11   |       |       |
|             |         | H    | 11   |       |       |                     |                  | H    | 11   |       |       |

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PLOT DATE = 09/06/2009  
PLOT SCALE = 1" = 20'  
PLOT NAME = 06060307\_1\_1.dwg  
USER NAME = CFC

**CB Coombe-Bloxdorf P.C.**  
- CIVIL ENGINEERS -  
- STRUCTURAL ENGINEERS -  
- LAND SURVEYORS -  
Design Firm License No. 184-002703

|             |         |
|-------------|---------|
| PROJECT NO. | 05061   |
| SCALE       |         |
| DATE        | 6/25/09 |
| DESIGN BY   | RM/MCB  |
| DRAWN BY    | TFG     |
| CHECKED BY  | MCB     |

|   |         |        |              |           |
|---|---------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 80  | *       | BUREAU | 344          | 193       |
| CONTRACT NO. 66908                              |         |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |        |              |           |

## BORING LOGS SN 006-0172 (EB) & SN 006-0173 (WB)

\*06-17BR & BR-1, TVB-M, 6BR & 6, 7 RS-1 & 1J