



Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Date 7/2/79

ROUTE FAP 326 (IL 47) DESCRIPTION IL Rt. 47 over the Sangamon River LOGGED BY BAKER

SECTION (129BR-3)BR LOCATION SE. SEC. 11, TWP. 22N. RNG. 7E. 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0281
Station 746+54
BORING NO. 3 N. Abut
Station 747+28
Offset 35.0 ft Rt.
Ground Surface Elev. 711.2 ft

| DEPT H | BLOWS | UCS Qu | MOIST (%) | Surface Water Elev. ft | Stream Bed Elev. ft | DEPT H | BLOWS | UCS Qu | MOIST (%) |
|--------|-------|--------|-----------|------------------------|---------------------|--------|-------|--------|-----------|
| | | | | | | | | | |

| | | | | | | |
|---|-------|--|--|--|--|-------------|
| STIFF-VERY STIFF BLACK SILTY CLAY TO CLAY LOAM ALLUVIUM | | | | | VERY STIFF GRAY SAND LOAM TILL (continued) | S |
| | 702.2 | | | | | |
| LOOSE FINE GRAY SAND LOAM SAND | | | | | MEDIUM GRAY SAND | 12 |
| | 702.2 | | | | 687.2 | |
| MEDIUM GRAY SAND & GRAVEL | | | | | DENSE GRAY SAND WITH FINE GRAVEL | 38 |
| | 699.7 | | | | 706.9 | |
| MEDIUM SAND LOAM TILL WITH SAND SEAMS | | | | | MEDIUM GRAY SAND WITH FINE GRAVEL | 25 |
| | 697.2 | | | | 704.4 | |
| DENSE GRAY SAND WITH TILL LENS | | | | | HARD GRAY SANDY CLAY LOAM TILL | 6.0 E |
| | 694.7 | | | | 704.4 | |
| VERY STIFF GRAY SAND LOAM TILL | | | | | | |
| | 692.2 | | | | 699.4 | |
| | | | | | 676.2 | 56 6.0 E |
| | | | | | 694.7 | 31 4.4 S 9 |
| | | | | | 692.2 | 48 6.0 E 11 |
| | | | | | 692.2 | 76 10.0 E |
| | | | | | 671.2 | 40 |

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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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SECTION (129BR-3)BR LOCATION SE. SEC. 11, TWP. 22N. RNG. 7E. 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0281
Station 746+54
BORING NO. 4 S. Abut
Station 745+99
Offset 22.0 ft Lt.
Ground Surface Elev. 713.4 ft

| DEPT H | BLOWS | UCS Qu | MOIST (%) | Surface Water Elev. ft | Stream Bed Elev. ft | DEPT H | BLOWS | UCS Qu | MOIST (%) |
|--------|-------|--------|-----------|------------------------|---------------------|--------|-------|--------|-----------|
| | | | | | | | | | |

| | | | | | | |
|--|-------|--|--|--|---|-------------|
| MEDIUM TO SOFT BLACK SANDY CLAY LOAM & SILTY CLAY ALLUVIUM | | | | | DENSE GRAY SAND WITH FINE GRAVEL (continued) | |
| | 706.9 | | | | | |
| FREE WATER | | | | | DENSE GRAY SAND LOAM TILL WITH SAND LENS | 53 |
| | 704.4 | | | | 685.9 | |
| MEDIUM GRAY SAND & GRAVEL | | | | | DENSE GRAY SAND & GRAVEL LENSED WITH DRY SAND LOAM TILL | 46 |
| | 704.4 | | | | 699.4 | |
| HARD GRAY SAND LOAM TILL WITH SAND LENS | | | | | | |
| | 694.4 | | | | 676.2 | 56 6.0 E |
| DENSE GRAY SAND WITH FINE GRAVEL | | | | | | |
| | 692.2 | | | | 694.7 | 31 4.4 S 9 |
| | | | | | 692.2 | 48 6.0 E 11 |
| | | | | | 692.2 | 76 10.0 E |
| | | | | | 671.2 | 40 |

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The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BORING LOGS
IL. ROUTE 47
OVER SANGAMON RIVER
F.A.P. ROUTE 326 SEC. (129BR-3) BR
CHAMPAIGN COUNTY
STATION 746+65.00
STRUCTURE NO. 010-0281

CHAMPAIGN, ILLINOIS
CHICAGO, ILLINOIS
EVANSVILLE, INDIANA
INDIANAPOLIS, INDIANA
KENOSHA, WISCONSIN
SPRING GREEN, WISCONSIN

| REVISIONS | NAME | DATE |
|-----------|------|------|
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NOTES:
THIS DRAWING SHALL BE USED ONLY BY THE ENGINEER OF RECORD AND PERSONS UNDER HIS SUPERVISION.
PROJECT NO. 182287
DRAWN BY: MMW DATE: 5/05
CHECKED BY: MMH
APPROVED BY: SMM
ACTIVITY: INITIALS

DRAWING NUMBER
S-17