


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1
Date 5/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 10 SW, SEC. , TWP. 24N, RNG. 10E

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


STRUCT. NO. _____
Station _____

BORING NO. B-13e
Station 874+00
Offset 13.00ft Rt CL
Ground Surface Elev. 684.00 ft

| SOIL DESCRIPTION | DEPTH (ft) | BULGE (1/6") | SHEAR (tsf) | PENETROMETER (%) | SURFACE WATER ELEV. (ft) | STREAM BED ELEV. (ft) | GROUNDWATER ELEV. (ft) | FIRST ENCOUNTER UPON COMPLETION (ft) | WASH AFTER (ft) | HOURS | DEPT. (ft) | | | | | | | |
|--|------------|--------------|-------------|------------------|--------------------------|-----------------------|------------------------|--------------------------------------|-----------------|-------|------------|---|---|---|--|--|--|--|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | | | |
| LOOSE brown dirty SAND | 681.50 | | | | | | | | | | 1 | | | | | | | |
| Wash LOOSE tan clean medium coarse SAND | 662.50 | | | | | | | | | | 2 | | | | | | | |
| | 680.00 | | | | | | | | | | 4 | | | | | | | |
| MEDIUM tan fine SAND | 677.50 | 4 | | | | | | | | | 6 | | | | | | | |
| Wash MEDIUM tan SANDY GRAVEL | 657.50 | | | | | | | | | | 7 | | | | | | | |
| | 675.00 | | | | | | | | | | 4 | | | | | | | |
| | 672.50 | | | | | | | | | | 4 | | | | | | | |
| LOOSE tan clean medium coarse SAND | 672.50 | | | | | | | | | | 7 | | | | | | | |
| | 670.00 | | | | | | | | | | 4 | | | | | | | |
| | 675.00 | | | | | | | | | | 4 | | | | | | | |
| MEDIUM tan clean medium coarse SAND with medium GRAVEL | 667.50 | | | | | | | | | | 9 | | | | | | | |
| | 665.00 | | | | | | | | | | 9 | | | | | | | |
| | 667.50 | | | | | | | | | | 9 | | | | | | | |
| | 665.00 | | | | | | | | | | 9 | | | | | | | |

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)

BBS, from 137 (Rev. 8-99)



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SOIL BORING LOG

Page 1 of 1
Date 11/30/07

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 culvert, 1.7 m. S. of Byron LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 2 SE, SEC. , TWP. 24N, RNG. 10E

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

STRUCT. NO. _____
Station _____

BORING NO. B-1g
Station 962+97
Offset 32.00ft Lt CL
Ground Surface Elev. 97.50 ft

| SOIL DESCRIPTION | DEPTH (ft) | BULGE (1/6") | SHEAR (tsf) | PENETROMETER (%) | SURFACE WATER ELEV. (ft) | STREAM BED ELEV. (ft) | GROUNDWATER ELEV. (ft) | FIRST ENCOUNTER UPON COMPLETION (ft) | WASH AFTER (ft) | HOURS | DEPT. (ft) | | | | | | | |
|-------------------------------------|------------|--------------|-------------|------------------|--------------------------|-----------------------|------------------------|--------------------------------------|-----------------|-------|------------|---|---|---|--|--|--|--|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | | | |
| MEDIUM brown SANDY LOAM | 95.50 | | | | | | | | | | 0.8 | | | | | | | |
| | 93.50 | | | | | | | | | | 14.0 | | | | | | | |
| MEDIUM tan clean dry SAND & GRAVEL | 93.50 | | | | | | | | | | 4 | | | | | | | |
| | 91.00 | | | | | | | | | | 6 | | | | | | | |
| MEDIUM tan clean dry SAND & GRAVEL | 91.00 | | | | | | | | | | 8 | | | | | | | |
| | 88.50 | | | | | | | | | | 12 | | | | | | | |
| MEDIUM tan clean dry SAND & GRAVEL | 88.50 | | | | | | | | | | 8 | | | | | | | |
| | 86.00 | | | | | | | | | | 10 | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 86.00 | | | | | | | | | | 12 | | | | | | | |
| | 83.50 | | | | | | | | | | 7 | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 83.50 | | | | | | | | | | 9 | | | | | | | |
| | 81.00 | | | | | | | | | | 14 | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 81.00 | | | | | | | | | | 9 | | | | | | | |
| | 78.50 | | | | | | | | | | 13 | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 78.50 | | | | | | | | | | 12 | | | | | | | |
| | 78.50 | | | | | | | | | | 8 | | | | | | | |
| | 78.50 | | | | | | | | | | 11 | | | | | | | |
| | 78.50 | | | | | | | | | | 12 | | | | | | | |

DENSE tan clean dry SAND & GRAVEL

End of Boring

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)

BBS, from 137 (Rev. 8-99)