


BORING LOGS



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

SOIL BORING LOG

Page 1 of 1
Date 4/3/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mud Creek Road LOGGED BY Be. Wetzell


SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW, SEC., TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

| STRUCT. NO. Station | D E P T H S | B L O W S | U C S Q u | M O I S T U R E (%) | Surface Water Elev. | | D E P T H S | B L O W S | U C S Q u | M O I S T U R E (%) |
|---|----------------------------|-----------------------|-----------------------|---|---------------------|----|----------------------------|-----------------------|-----------------------|---|
| | | | | | ft | ft | | | | |
| BORING NO. <u>B-12d</u> Station <u>738+00</u> Offset <u>13.00ft Rt CL</u> Ground Surface Elev. <u>99.70</u> ft | | | | | 91.00 | | | | | |
| | | | | | | | | | | |
| MEDIUM tan SILTY CLAY LOAM | | | 0.7 | 19.0 | | | | | | |
| | | | P | | 78.70 | | | | | |
| STIFF tan SILTY LOAM | 97.70 | 3 | | | | | | | | |
| | 96.20 | 4 | 2.0 | 23.0 | | | | | | |
| | | | B | | 76.20 | | | | | |
| MEDIUM gray SILTY LOAM | | 3 | | | | | | | | |
| | 93.20 | 5 | 1.2 | 24.0 | | | | | | |
| | | | B | | 73.70 | | | | | |
| LOOSE tan weathered LIMESTONE with SILT lenses | | 3 | | | | | | | | |
| | 91.20 | 2 | | | | | | | | |
| | | | | | 71.20 | | | | | |
| VERY LOOSE tan weathered LIMESTONE with SILT lenses | | 2 | | | | | | | | |
| | 88.70 | 1 | | | | | | | | |
| | | | | | 68.70 | | | | | |
| No Recovery | | 1 | | | | | | | | |
| | 86.20 | 2 | | | | | | | | |
| | | | | | | | | | | |
| VERY LOOSE tan very weathered LIMESTONE | | 0 | | | | | | | | |
| | 83.70 | 1 | | | | | | | | |
| | | | | | | | | | | |
| DENSE tan weathered LIMESTONE | | 17 | | | | | | | | |
| | 81.20 | 20 | | | | | | | | |
| | | | | | | | | | | |
| | | 23 | | | | | | | | |
| | | | | | | | | | | |
| | | 16 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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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|---|----------------------------|-----------------------|-----------------------|---|---------------------|----|----------------------------|-----------------------|-----------------------|---|
| | | | | | ft | ft | | | | |
| BORING NO. <u>B-13d</u> Station <u>739+00</u> Offset <u>12.00ft Rt CL</u> Ground Surface Elev. <u>99.90</u> ft | | | | | 90.00 | | | | | |
| | | | | | | | | | | |
| MEDIUM brown SILTY CLAY LOAM | | | 0.8 | 24.0 | | | | | | |
| | | | P | | 78.90 | | | | | |
| STIFF brown SILTY CLAY LOAM with SAND lens | 97.90 | 3 | | | | | | | | |
| | 96.40 | 5 | 1.4 | 24.0 | | | | | | |
| | | | P | | 76.40 | | | | | |
| STIFF gray SILTY LOAM | | 3 | | | | | | | | |
| | 93.40 | 5 | 1.5 | 20.0 | | | | | | |
| | | | S | | 73.90 | | | | | |
| LOOSE gray dirty SAND | | 2 | | | | | | | | |
| | 91.40 | 2 | | | | | | | | |
| | | | | | | | | | | |
| | | 3 | | | | | | | | |
| VERY LOOSE gray dirty SAND with LIMESTONE fragments | | 2 | | | | | | | | |
| | 88.90 | 1 | | | | | | | | |
| | | | | | | | | | | |
| | | 3 | | | | | | | | |
| LOOSE gray dirty weathered LIMESTONE | | 3 | | | | | | | | |
| | 86.40 | 6 | | | | | | | | |
| | | | | | | | | | | |
| | | 3 | | | | | | | | |
| LOOSE tan weathered LIMESTONE | | 2 | | | | | | | | |
| | 83.90 | 3 | | | | | | | | |
| | | | | | | | | | | |
| | | 25 | | | | | | | | |
| | 81.40 | 19 | | | | | | | | |
| | | | | | | | | | | |
| | | 18 | | | | | | | | |
| | | | | | | | | | | |
| | | 19 | | | | | | | | |
| | | | | | | | | | | |

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