

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------------|----------|------------------|--------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.P. 309 | 16R-2 | WHITESIDE | 547 | 174 |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |

Contract No. 64969

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1
Date 10/25/04

ROUTE FA 309 DESCRIPTION Retaining Wall, US 30 east edge of Morrison LOGGED BY W. Garza

SECTION 16RS LOCATION Mt. Pleasant Twp. - SW 17, SEC. TWP. 21N, RNG. 5E

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

STRUCT. NO. _____
Station 1131+50

BORING NO. B-13b
Station 1131+50
Offset 62.00R Lt CL
Ground Surface Elev. 671.3

| DEPTH ft | B L O W S | U C S Qu | M O I S T | Surface Water Elev. _____ ft | | | | DEPTH ft | B L O W S | U C S Qu | M O I S T |
|--|-----------------------|-------------------|-----------------------|--|--|--|--|-------------|-----------------------|-------------------|-----------------------|
| | | | | Stream Bed Elev. _____ ft | | | | | | | |
| | | | | Groundwater Elev.: _____ ft | | | | | | | |
| | | | | First Encounter _____ ft | | | | | | | |
| | | | | Upon Completion _____ ft | | | | | | | |
| | | | | After _____ Hrs. | | | | | | | |
| STIFF light brown SILTY LOAM | | 1.1 P | 9 | VERY SOFT tan SILT (continued) | | | | 1 | 0.0 | 25 | |
| 669.30 | | | | 649.80 | | | | 1 | P | | |
| STIFF brown SILTY LOAM | 4 | | 18 | VERY LOOSE tan fine SAND with SILT lens | | | | 1 | | 19 | |
| 667.80 | 10 | 1.1 S | | 647.30 | | | | 3 | | | |
| STIFF dark brown SILTY LOAM | 3 | | 27 | VERY SOFT tan moist SILT with fine SAND lens | | | | 1 | 0.1 | 23 | |
| 665.30 | 5 | 1.6 P | | 645.30 | | | | 2 | P | | |
| STIFF brown SILTY LOAM | 1 | | 20 | End of Boring | | | | | | | |
| 662.80 | 4 | 1.7 S | | | | | | | | | |
| STIFF gray/tan SILTY CLAY | 2 | | 25 | | | | | | | | |
| 660.30 | 6 | 1.2 S | | | | | | | | | |
| MEDIUM brown SILTY LOAM with SAND lens | 2 | | 21 | | | | | | | | |
| 657.80 | 6 | 0.6 B | | | | | | | | | |
| MEDIUM tan SILT with fine SAND lens | 2 | | 18 | | | | | | | | |
| 655.30 | 3 | 0.8 P | | | | | | | | | |
| VERY SOFT tan SILT | 1 | | 26 | | | | | | | | |
| 652.80 | 2 | 0.1 P | | | | | | | | | |
| VERY SOFT tan SILT | | | | | | | | | | | |
| | | | | | | | | | | | |

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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DOT

SOIL BORING LOG

Page 1 of 1
Date 3/4/03

ROUTE FA 309 DESCRIPTION Retaining wall, US 30 in Morrison LOGGED BY W. Garza

SECTION 16RS LOCATION Mt. Pleasant Twp. - NW 18, SEC. TWP. 21N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Auger Boring HAMMER TYPE Minuteman Auger

STRUCT. NO. _____
Station 1131+50

BORING NO. B-11a
Station 1131+50
Offset 28.00R Lt CL
Ground Surface Elev. 668.0

| DEPTH ft | B L O W S | U C S Qu | M O I S T | Surface Water Elev. _____ ft | | | | DEPTH ft | B L O W S | U C S Qu | M O I S T |
|--|-----------------------|-------------------|-----------------------|------------------------------|--|--|--|-------------|-----------------------|-------------------|-----------------------|
| | | | | Stream Bed Elev. _____ ft | | | | | | | |
| | | | | Groundwater Elev.: _____ ft | | | | | | | |
| | | | | First Encounter _____ ft | | | | | | | |
| | | | | Upon Completion _____ ft | | | | | | | |
| | | | | After _____ Hrs. | | | | | | | |
| 12" Frost VERY SOFT brownish tan SILTY LOAM | | | 19 | | | | | 1 | 0.1 P | | |
| 665.00 | | | | | | | | | | | |
| VERY SOFT brown SILTY CLAY LOAM | | | 27 | | | | | | 0.2 P | | |
| 662.00 | | | | | | | | | | | |
| Same as above brown/tan | | | 25 | | | | | | 0.2 P | | |
| 659.00 | | | | | | | | | | | |
| VERY SOFT brown SILTY CLAY LOAM | | | 37 | | | | | | 0.2 P | | |
| 657.00 | | | | | | | | | | | |
| VERY SOFT moist brown SILTY CLAY LOAM | | | 37 | | | | | | 0.0 P | | |
| 655.00 | | | | | | | | | | | |
| VERY LOOSE tan SAND | | | | | | | | | | | |
| 652.00 | | | | | | | | | | | |
| 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)

| | |
|----------|-----|
| DESIGNED | LLV |
| CHECKED | PJL |
| DRAWN | MGM |
| CHECKED | LLV |

BORING LOGS
RETAINING WALL NO. 2
U.S. RTE. 30 (LINCOLN HIGHWAY)
EAST OF SYCAMORE ST.
F.A.P. ROUTE 309 SECTION 16 R-2
WHITESIDE COUNTY
STA. 1131+71.68 TO
STA. 1133+44.95 (LT.)
STRUCTURE NO. 098-7002

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