

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 573 | 116R-4 | DEKALB | 416 | 252 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

BORING LOGS



Illinois Department of Transportation
Division of Highways
1007

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 573 DESCRIPTION D92-017-00 Storm Sewer at Walgreen Street in Hinckley LOGGED BY W. Garza
SECTION 116 R-4 LOCATION Squaw Grove Twp. - 14 SW, 15SE, SEC. , TWP. 38N, RNG. 5E
COUNTY DeKalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S Qu | M O I S T % | Surface Water Elev. | | D E P T H | B L O W S | U C S Qu | M O I S T % |
|--|-----------------------|-----------------------|-------------------|----------------------------|---------------------------------|----|-----------------------|-----------------------|-------------------|----------------------------|
| | | | | | ft | ft | | | | |
| BORING NO. <u>B-1</u> Station <u>64+50</u> Offset <u>33.00ft Rt CL</u> Ground Surface Elev. <u>737.0</u> ft | | | | | Groundwater Elev.: | | | | | |
| | | | | | First Encounter <u>725.0</u> ft | | | | | |
| | | | | | Upon Completion _____ ft | | | | | |
| | | | | | After _____ Hrs. _____ ft | | | | | |
| VERY LOOSE brown dry LOAM | | | 0.0 P | 7 | | | | 28 | | |
| | | | | | | | | 24 | | |
| | | | | | | | | 22 | | |
| 735.00 | | 4 | | | | | | | | |
| VERY LOOSE black COAL with SANDY LOAM | | 4 | | 9 | | | | | | |
| 733.50 | | 5 | | | | | | | | |
| STIFF tan SILTY LOAM | -5 | 1 | | 18 | | | | | | |
| | | 2 | 1.1 P | | | | | | | |
| 731.00 | | 3 | | | | | | | | |
| MEDIUM tan SILTY LOAM | | 1 | | 14 | | | | | | |
| | | 2 | 0.8 B | | | | | | | |
| 728.00 | | 4 | | | | | | | | |
| MEDIUM tan moist dirty SAND & GRAVEL | -10 | 7 | | | | | | | | |
| | | 11 | | | | | | | | |
| 725.50 | | 11 | | | | | | | | |
| STIFF gray SANDY LOAM TILL | | 12 | | 11 | | | | | | |
| | | 11 | 1.0 P | | | | | | | |
| 723.00 | | 7 | | | | | | | | |
| MEDIUM gray fine moist SAND | -15 | 2 | | | | | | | | |
| | | 6 | | | | | | | | |
| 720.50 | | 11 | | | | | | | | |
| VERY STIFF gray SILTY LOAM TILL with SAND lens | | 13 | | 10 | | | | | | |
| | | 15 | 2.1 S | | | | | | | |
| 718.00 | | 21 | | | | | | | | |
| | | | | | | | | | | |
| | -20 | | | | | | | | | |

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

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ROUTE FAP 573 DESCRIPTION D92-017-00 Storm Sewer at Garfield Street in Hinckley LOGGED BY W. Garza
SECTION 116 R-4 LOCATION Squaw Grove Twp. - 14 SW, 15 SE, SEC. , TWP. 38N, RNG. 5E
COUNTY DeKalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S Qu | M O I S T % | Surface Water Elev. | | D E P T H | B L O W S | U C S Qu | M O I S T % |
|--|-----------------------|-----------------------|-------------------|----------------------------|---------------------------------|----|-----------------------|-----------------------|-------------------|----------------------------|
| | | | | | ft | ft | | | | |
| BORING NO. <u>B-2</u> Station <u>97+13</u> Offset <u>21.00ft Rt CL</u> Ground Surface Elev. <u>737.2</u> ft | | | | | Groundwater Elev.: | | | | | |
| | | | | | First Encounter <u>727.7</u> ft | | | | | |
| | | | | | Upon Completion _____ ft | | | | | |
| | | | | | After _____ Hrs. _____ ft | | | | | |
| VERY SOFT black LOAM | | | 0.2 P | 15 | | | | | | |
| | | | | | | | | | | |
| 735.20 | | 4 | | | | | | | | |
| MEDIUM black LOAM with COAL lens | | 2 | 0.9 P | 21 | | | | | | |
| 733.70 | | 3 | | | | | | | | |
| STIFF tan/gray SILTY LOAM | -5 | 2 | | 28 | | | | | | |
| | | 2 | 1.1 B | | | | | | | |
| 731.20 | | 4 | | | | | | | | |
| STIFF tan/gray SILTY LOAM | | 1 | | 17 | | | | | | |
| | | 2 | 1.1 B | | | | | | | |
| 728.20 | | 6 | | | | | | | | |
| MEDIUM tan dirty SAND & GRAVEL | -10 | 8 | | | | | | | | |
| | | 11 | | | | | | | | |
| 725.70 | | 10 | | | | | | | | |
| STIFF gray SILTY CLAY LOAM TILL | | 4 | | 11 | | | | | | |
| | | 3 | 1.0 B | | | | | | | |
| 723.70 | | 10 | | | | | | | | |
| STIFF gray SILTY CLAY LOAM TILL | -15 | 3 | | 11 | | | | | | |
| | | 4 | 1.0 B | | | | | | | |
| 721.20 | | 6 | | | | | | | | |
| VERY STIFF gray SANDY LOAM TILL | | 3 | | 9 | | | | | | |
| | | 13 | 2.5 B | | | | | | | |
| 718.20 | | 21 | | | | | | | | |
| | | | | | | | | | | |
| | -20 | | | | | | | | | |

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)

PLOT DATE = Fri Sep 02 07:48:38 2005
FILE NAME = C:\p\projects\6281708\dlb1708cor.dgn
PLOT SCALE = 30.0000 / IN.
REFERENCE = BBS