

SOIL BORING LOG

Date 3/8/02

ROUTE FAI 74 DESCRIPTION HTCMB at Ogden (CH 22) LOGGED BY CNA
SECTION _____ LOCATION NE, SEC. 8, TWP. 19N, RNG. 14W, 2nd PM GPS:
COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

| STRUCT. NO. Station | D E P T H (ft) | B L O W S (/6") | U C S Qu (tsf) | M O I S T (%) | Soil Description | | | | | |
|--|-------------------------------|--------------------------------|----------------------------|------------------------------|---------------------|------------------|--------------------|-------|--|--|
| | | | | | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | Notes | | |
| 7 HTCMB 1000+54 10.0 ft Rt. of Med. CL 670.2 ft | | | | | | | | | | |
| Black Mottled Silty Clay | | | | | | | | | | |
| | | 1 | | | | | | | | |
| | | 3 | 1.2 | 30 | | | | | | |
| | | 3 | B | | | | | | | |
| 664.7 | | | | | | | | | | |
| Brown/Gray Silt | | 0 | | | | | | | | |
| | | 1 | 0.6 | 25 | | | | | | |
| | | 2 | B | | | | | | | |
| | | | | | | | | | | |
| Brown Coarse Sand Seam | | 0 | | | | | | | | |
| | | 3 | 0.5 | 20 | | | | | | |
| | | 1 | B | | | | | | | |
| | | | | | | | | | | |
| 658.2 | | | | | | | | | | |
| Gray Clay Loam Till | | 1 | | | | | | | | |
| | | 3 | 1.7 | 15 | | | | | | |
| | | 3 | B | | | | | | | |
| | | | | | | | | | | |
| 655.2 | | | | | | | | | | |
| End of Boring | | 1 | | | | | | | | |
| | | 3 | 1.4 | 15 | | | | | | |
| | | 4 | B | | | | | | | |
| | | | | | | | | | | |

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)

BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

Date 10/28/11

ROUTE FAI 74 DESCRIPTION HTCMB at Cross Over East of Ogden LOGGED BY CNA
SECTION _____ LOCATION E 1/2, SEC. 9, TWP. 19N, RNG. 14W, 2nd PM GPS:
COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

| STRUCT. NO. Station | D E P T H (ft) | B L O W S (/6") | U C S Qu (tsf) | M O I S T (%) | Soil Description | | | | | |
|---|-------------------------------|--------------------------------|----------------------------|------------------------------|---------------------|------------------|--------------------|-------|--|--|
| | | | | | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | Notes | | |
| 8 HTCMB 1052+87 6.0 ft Rt. of Med. CL 673.0 ft | | | | | | | | | | |
| Black Silty Clay (Embankment) | | | | | | | | | | |
| | | 3 | | | | | | | | |
| 672.0 | | 4 | 1.6 | 22 | | | | | | |
| | | | B | | | | | | | |
| | | | | | | | | | | |
| Brown/Gray Mottled Silty Clay Loam (Embankment) | | 2 | | | | | | | | |
| | | 3 | | | | | | | | |
| 669.0 | | 2 | | | | | | | | |
| | | | | | | | | | | |
| Brown/Gray Loam (Moist to Wet) | | 2 | | | | | | | | |
| | | 3 | | | | | | | | |
| | | 2 | | | | | | | | |
| 667.0 | | | | | | | | | | |
| Gray Silt with Fine Sand | | 2 | | | | | | | | |
| | | 3 | | | | | | | | |
| | | 2 | | | | | | | | |
| | | | | | | | | | | |
| 663.0 | | | | | | | | | | |
| End of Boring | | 2 | | | | | | | | |
| | | 2 | | | | | | | | |
| | | 1 | | | | | | | | |
| | | | | | | | | | | |

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)

BBS, from 137 (Rev. 8-99)

•CHAMPAIGN & VERMILION



| | | | | | | | | | | | | | | | | |
|--|-----------------|-------------------------|------------------------|---|--|--|--|-------------------------|--|--|--|--------------------------|--------------------------------|-------------|---------------------|-----------------|
| FILE NAME = D570966-xxx-xxx-BORINGS.dgn | USER NAME = JLM | DESIGNED - DRAWN JLM | REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | | | SOIL BORING LOGS | | | | F.A.I. RTE. 74 | SECTION MEDIAN CABLE 2012-1 | COUNTY • | TOTAL SHEETS 130 | SHEET NO. 47 |
| PLOT SCALE = | CHECKED TMM | REVISIED - | REVISIED - | SCALE: NONE | | | | SHEET NO. 4 OF 5 SHEETS | | | | STA. _____ TO STA. _____ | | | | |
| PLOT DATE = | DATE | REVISIED - | REVISIED - | | | | | | | | | CONTRACT NO. 70966 | | | | |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | | | | | |