

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------------------|---------|----------|-------------------|
| ROUTE NO. | SECTION | COUNTY | SHEET NO. |
| F.A.P. 315 | * | FULTON | 230 9 SHEETS |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- |

Contract #88753
*18RS-2, 19RS-3, (18BRY & 18BRY-1) BR, 18B-1

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

Page 1 of 1

Date 02/20/02

ROUTE FAP 317 & 315 (US 241L) DESCRIPTION US 24 Lewistown to Duncan Mills LOGGED BY DBR
SECTION 18RS-2, 19RS-3, (18BRY & 18BRY-1) LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4th PM
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

| STRUCT. NO. | D E P T H S | B L O C K S | U C S | M O I S T U R E | Surface Water Elev. _____ ft | | Groundwater Elev. _____ ft |
|------------------------|----------------------------|----------------------------|-------------|--------------------------------------|------------------------------|----|----------------------------|
| | | | | | ft | ft | |
| No Sample Taken 0-7' | | | | | | | |
| Brown SILTY CLAY | 1 | | | | | | |
| | 3 | 2.3 | 20.7 | | | | |
| | 3 | B | | | | | |
| Brown CLAY LOAM | 1 | | | | | | |
| | 2 | 0.8 | 28.9 | | | | |
| | 1 | B | | | | | |
| BrownGray CLAY LOAM | 4 | | | | | | |
| | 5 | 3.1 | 16.6 | | | | |
| | 6 | S | | | | | |
| BrownGray SHALEY CLAY | 4 | | | | | | |
| | 10 | 6.7 | 20.4 | | | | |
| | 19 | S | | | | | |
| Gray SHALE | 12 | | | | | | |
| | 37 | | 10.4 | | | | |
| | 103@3' | | | | | | |
| Light Gray SHALE | 8 | | | | | | |
| | 00@3' | | 9.4 | | | | |
| | 00@3' | | | | | | |
| Light Gray Sandy SHALE | 00@3' | | 8.9 | | | | |
| | 00@3' | | | | | | |
| | 00@3' | | | | | | |

* No H2O- hole collapsed @ 16.6'
** No H2O- hole collapsed @ 16.3'

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 T208)
BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

Page 1 of 1

Date 10/21/02

ROUTE FAP 317 & 315 (US 241L) DESCRIPTION US 24 Lewistown to Duncan Mills LOGGED BY DBR
SECTION 18RS-2, 19RS-3, (18BRY & 18BRY-1) LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4th PM
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

| STRUCT. NO. | D E P T H S | B L O C K S | U C S | M O I S T U R E | Surface Water Elev. _____ ft | | Groundwater Elev. _____ ft |
|----------------------------|----------------------------|----------------------------|-------------|--------------------------------------|------------------------------|----|----------------------------|
| | | | | | ft | ft | |
| No Sample Taken 0-1.5' | | | | | | | |
| Brown/Gray SILTY CLAY LOAM | 2 | | | | | | |
| | 3 | 2.9 | 16.4 | | | | |
| | 4 | S | | | | | |
| Gray & Brown SILTY CLAY | 3 | | | | | | |
| | 6 | 2.2 | 16.4 | | | | |
| | 8 | S | | | | | |
| Reddish Brown SILTY CLAY | 2 | | | | | | |
| | 3 | 1.7 | 20.5 | | | | |
| | 5 | B | | | | | |
| BrownGray SANDY CLAY LOAM | 9 | | | | | | |
| | 12 | 3.8 | 16.4 | | | | |
| | 17 | P | | | | | |
| Gray SILTY SHALE | 9 | | | | | | |
| | 18 | | 8.9 | | | | |
| | 34 | | | | | | |
| Lt. Gray SANDSTONE | 00@4' | | 3.7 | | | | |
| | 00@4' | | | | | | |
| | 00@4' | | | | | | |

* No H2O- hole collapsed @ 14.2'
** No H2O- hole collapsed @ 14.2'

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 T208)
BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District Four Materials

ROCK CORE LOG

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Date 7/14/03

ROUTE FAP 317 & 315 (US 241L) DESCRIPTION US 24 Lewistown to Duncan Mills LOGGED BY DPS
SECTION 18RS-2, 19RS-3, (18BRY & 18BRY-1) LOCATION SW1/4, NE1/4, SEC. 8, TWP. 4N, RNG. 3E, 4th PM
COUNTY Fulton CORING METHOD Dual Barrel

| STRUCT. NO. | CORING BARREL TYPE & SIZE | D E P T H S | C O R E R E T H | R E C O R D I N G | Q U A L I T Y | CORE | | |
|--|--|----------------------------|--------------------------------------|---|---------------------------------|-------|-----|--|
| | | | | | | (ft) | (#) | |
| Lt. Gray SANDSTONE | shaly clay seams 16.13'-16.7' 15.5'-16.13' sample washed away during coring | 1 | 84 | 56 | | | | |
| | | | | | 4.7% moisture | 208.0 | | |
| | | | | | 6.6% moisture | 354.0 | | |
| | | | | | 5.9% moisture | 383.3 | | |
| Gray SHALEY CLAY SHALE | Lt. Gray SANDSTONE | 2 | 100 | 77 | | | | |
| | | | | | 7.4% moisture | 319.8 | | |
| | | | | | 6.2% moisture | 336.2 | | |
| | | | | | 3.5% moisture | 430.7 | | |
| Gray SILTY SHALE | Lt. Gray SILTSTONE | | | | 5.5% moisture | 911.1 | | |
| | | | | | 7.8% moisture | 943.5 | | |
| | | | | | 9.1% moisture | 322.0 | | |
| | | | | | 8.5% moisture | 614.8 | | |
| Gray to Dk. Gray SHALE laminated & fissile | w/Dk. Gray laminations from 29.5'-30.5' | 3 | 80 | 68 | | | | |
| | | | | | 8.2% moisture | 239.1 | | |
| | | | | | 7.9% moisture | 217.7 | | |
| | | | | | 8.6% moisture | 160.3 | | |
| Gray to Dk. Gray SHALE laminated & fissile | Lt. Gray SANDSTONE | | | | 8.6% moisture | 356.2 | | |
| | | | | | 8.3% moisture | 277.3 | | |
| | | | | | | | | |
| | | | | | | | | |

End of Boring
Color pictures of the cores _____ No _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

BORING DATA
F.A.P. RTE. 315 - SEC. 18RS-2, 19RS-3,
(18BRY & 18BRY-1) BR, 18B-1
FULTON COUNTY
LT. STATION 79+60 to 81+80
STRUCTURE NO. 029-W500