



Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 6

SOIL BORING LOG

Date 10/30/03

ROUTE FAP 562 (IL 100) DESCRIPTION Over Walnut Creek LOGGED BY M. Metcalf

SECTION 117B-4 LOCATION SE 1/4, SEC. 16, TWP. 16 N, RNG. 13 W, 4 PM

COUNTY Scott DRILLING METHOD HSA HAMMER TYPE 140 # Auto

| | | | | | | | | | | | |
|----------------------|-------------|-----------------------|-----------------------|-------------|-----------------------|---------------------|--------------|-----------------------|-----------------------|-------------|-----------------------|
| STRUCT. NO. | 086-0022 Ex | D E P T H | B L O C S | U C S | M O I S T | Surface Water Elev. | 478.1 | D E P T H | B L O C S | U C S | M O I S T |
| Station | 086-C101 Pr | | | | | Stream Bed Elev. | 477.9 | | | | |
| BORING NO. | 2 SW WW | H S | Qu | T | T | Groundwater Elev.: | | (ft) | /6" | (tsf) | (%) |
| Station | 300+68 | | | | | First Encounter | 473.9 | | | | |
| Offset | 15.0ft Rt | | | | | Upon Completion | DryPlug@48' | | | | |
| Ground Surface Elev. | 489.9 | | | | | After | Hrs. Plugged | | | | |

| | | | | | | | | | | | |
|---|--------|--|--|--|--|--|--|--|--|--|--|
| Brown Moist SILTY CLAY (Fill) | | | | | | | | | | | |
| | | | | | | | | | | | |
| Light Brown Moist SILT w/ Dark Brown SILT LOAM Lenses (continued) | 468.40 | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey to Light Brown Fine Grained Silty SAND | | | | | | | | | | | |
| | | | | | | | | | | | |
| Light Brownish Grey V. Moist SILT | 465.40 | | | | | | | | | | |
| | | | | | | | | | | | |
| Light Brown Moist SILT w/ Dark Brown SILT LOAM Lenses | 481.90 | | | | | | | | | | |
| | | | | | | | | | | | |
| Broken Sample | | | | | | | | | | | |
| | | | | | | | | | | | |
| Dark Grey and Light Brownish Grey Moist SILT w/ SILT LOAM Lenses | | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey V. Moist SILT Free Water | | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey V. Moist SILT LOAM and SILT | | | | | | | | | | | |
| | | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) (B.S. - Before Seating)
BBS, from 137 (Rev. 8-99)

SOIL BORING 086-0022 IL 100 OVER WALNUT CREEK.CPJ DSTEMPLT.GDT 6/17/05
Latitude Longitude

PLOT DATE = 6/20/2005
FILE NAME = c:\projects\851103\1100 over walnut creek 086-0022ax.dgn
PLOT SCALE = 0.62500 m / IN.
USER NAME = baJ



Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 6

SOIL BORING LOG

Date 10/30/03

ROUTE FAP 562 (IL 100) DESCRIPTION Over Walnut Creek LOGGED BY M. Metcalf

SECTION 117B-4 LOCATION SE 1/4, SEC. 16, TWP. 16 N, RNG. 13 W, 4 PM

COUNTY Scott DRILLING METHOD HSA HAMMER TYPE 140 # Auto

| | | | | | | | | | | | |
|----------------------|-------------|-----------------------|-----------------------|-------------|-----------------------|---------------------|--------------|-----------------------|-----------------------|-------------|-----------------------|
| STRUCT. NO. | 086-0022 Ex | D E P T H | B L O C S | U C S | M O I S T | Surface Water Elev. | 478.1 | D E P T H | B L O C S | U C S | M O I S T |
| Station | 086-C101 Pr | | | | | Stream Bed Elev. | 477.9 | | | | |
| BORING NO. | 2 SW WW | H S | Qu | T | T | Groundwater Elev.: | | (ft) | /6" | (tsf) | (%) |
| Station | 300+68 | | | | | First Encounter | 473.9 | | | | |
| Offset | 15.0ft Rt | | | | | Upon Completion | DryPlug@48' | | | | |
| Ground Surface Elev. | 489.9 | | | | | After | Hrs. Plugged | | | | |

| | | | | | | | | | | | |
|--|--------|--|--|--|--|--|--|--|--|--|--|
| Grey V. Moist SILT LOAM (continued) | | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey Dry Sandy SHALE (continued) | | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey Dry Fissile Clayey SHALE Poker Chipped Sample | 425.40 | | | | | | | | | | |
| | | | | | | | | | | | |
| Refer STA to STA 300+00 STA Increase to South Refer Elevation to BM T-245 = 490.0' GPS Lat 39 44.656N GPS Long 90 32.550W NAD 83 | | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey Dry Sandy SHALE Poker Chipped Sample | 435.90 | | | | | | | | | | |
| | | | | | | | | | | | |
| Grey Dry Clayey SHALE | | | | | | | | | | | |
| | | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) (B.S. - Before Seating)
BBS, from 137 (Rev. 8-99)

SOIL BORING 086-0022 IL 100 OVER WALNUT CREEK.CPJ DSTEMPLT.GDT 6/17/05
Latitude Longitude

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
FAP ROUTE 562 (IL 100)
SCOTT COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY