| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.U. 6406 | 1(BR-2) | MCLEAN | 74 | 44 |
| FED. ROAD DIST. NO. 5 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 20
22 SHEETS

Contract #70517

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

# SOIL BORING LOG

Page 1 of 2

Date 10/18/73

ROUTE FAU 6406 (US 150) DESCRIPTION ROUTE 150 OVER KICKAPOO CREEK LOGGED BY W. PEARCE

SECTION 1(BR-2) LOCATION , SEC. , TWP. , RNG.

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 057-0181
Station 407+38

BORING NO. 2
Station 406+70
Offset 47.0 ft Lt.
Ground Surface Elev. 756.3 ft

Surface Water Elev. 750.2 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| MEDIUM DARK BROWN SILTY CLAY | | | 7 | 0.7 | 28 |
| MEDIUM TO SOFT BROWN SANDY CLAY | 752.3 | -5 | 3 | 0.3 | 19 |
| LOOSE TO MEDIUM BROWNISH GRAY SAND & GRAVEL (CLAY CONTAMINATED) | 749.8 | -10 | 6 | | 24 |
| | | | 16 | | |
| STIFF GRAYISH BROWN CLAY LOAM | 743.3 | | 101 | 1.2 B | 13 |
| MEDIUM LIGHT GRAY SAND & GRAVEL | 742.3 | -15 | 26 | | 14 |
| | | -20 | 24 | | |
| MEDIUM LIGHT GRAY SAND & GRAVEL (continued) | | | 24 | | 15 |
| | | -25 | 29 | | |
| | | -30 | 25 | | |
| VERY STIFF BLACK SEDIMENTARY PEAT | 728.8 | | 52 | 2.1 S | 24 |
| HARD GRAYISH BROWN CLAY LOAM TILL | 724.8 | -35 | 40 | | |
| | | -40 | 35 | | 17 |
| | | | 92 | | |
| | | | 35 | | |

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)

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Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

# SOIL BORING LOG

Page 2 of 2

Date 10/18/73

ROUTE FAU 6406 (US 150) DESCRIPTION ROUTE 150 OVER KICKAPOO CREEK LOGGED BY W. PEARCE

SECTION 1(BR-2) LOCATION , SEC. , TWP. , RNG.

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 057-0181
Station 407+38

BORING NO. 2
Station 406+70
Offset 47.0 ft Lt.
Ground Surface Elev. 756.3 ft

Surface Water Elev. 750.2 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| HARD GRAYISH BROWN CLAY LOAM TILL (continued) | | | 32 | 4.5 B | 12 |
| | | | 38 | 4.1 B | 12 |
| | | -45 | 32 | 4.5 S | 12 |
| | | -50 | 22 | | |
| | | | 44 | 4.7 B | 12 |
| DENSE GRAY SAND & GRAVEL | 704.8 | | 38 | | 12 |
| HARD GRAY CLAY LOAM TILL | 702.3 | -55 | 39 | 4.7 B | 11 |
| End of Boring | 700.3 | -60 | | | |

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)

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SOIL BORINGS
US. ROUTE 150
OVER KICKAPOO CREEK
FAU ROUTE 6406 SECTION 1(BR-2)
MCLEAN COUNTY
STATION 407+23.50
STRUCTURE NO. 057-0246