


BORING LOGS

| | | | | |
|---------------------|---------|----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 553 | 120T-2 | Ogle | 59 | 29 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 11/3/05

ROUTE FAP 553 DESCRIPTION P92-106-05 Culvert on IL 72 over ditch, 2.0 m. E. of Monroe Center LOGGED BY W. Garza

SECTION 120 T-2 LOCATION Monroe Twp. - 23NE, SEC., TWP. 42N, RNG. 2E


COUNTY Ogle 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 Q u T | M O I S T U R E | Surface Water Elev. | D E P T H | B L O W S | U C S Q u T | M O I S T U R E |
| | | | | | ft | | | | |
| BORING NO. Station | | | | | Groundwater Elev.: | | | | |
| 846+11 | | | | | First Encounter | | | | |
| 846+00 | | | | | Upon Completion | | | | |
| 14.00ft LL CL | | | | | After Hrs. | | | | |
| 99.5 ft | (ft) | (/6") | (tsf) | (%) | | (ft) | (/6") | (tsf) | (%) |

| | | | | | | | | | |
|-----------------------------------|----|-----|-----|----|------------------------------------------|--|----|-----|---|
| STIFF brown SILTY CLAY LOAM | | | 1.1 | 23 | MEDIUM gray TILL with GRAVEL (continued) | | 10 | 4.5 | 7 |
| | | | P | | | | 12 | P | |
| | | | | | | | 15 | | |
| 97.50 | | | | | | | | | |
| STIFF brown SILTY CLAY LOAM | 3 | | | | MEDIUM gray SANDY TILL | | 13 | | |
| | 3 | 1.6 | | 26 | | | 13 | | |
| 96.00 | 5 | P | | | | | 16 | | |
| | | | | | | | | | |
| STIFF tan brown LOAM | 2 | | 1.1 | 31 | DENSE gray SANDY TILL with GRAVEL | | 22 | | |
| | 3 | | P | | | | 16 | | |
| 93.50 | 4 | P | | | | | 18 | | |
| | | | | | | | | | |
| STIFF dark brown LOAM | 1 | | 1.4 | 30 | VERY DENSE tan fine SAND | | 10 | | |
| | 2 | | B | | | | 31 | | |
| 90.50 | 3 | | | | | | 47 | | |
| | | | | | End of Boring | | | | |
| | | | | | | | | | |
| MEDIUM tan dirty SAND | 6 | | | | | | | | |
| | 9 | | | | | | | | |
| 88.50 | 7 | | | | | | | | |
| | | | | | | | | | |
| MEDIUM tan dirty SAND & GRAVEL | 12 | | | | | | | | |
| | 14 | | | | | | | | |
| 86.00 | 15 | | | | | | | | |
| | | | | | | | | | |
| MEDIUM tan dirty SAND & GRAVEL | 6 | | | | | | | | |
| | 8 | | | | | | | | |
| 83.50 | 9 | | | | | | | | |
| | | | | | | | | | |
| DENSE tan dry dirty SAND & GRAVEL | 9 | | | | | | | | |
| | 14 | | | | | | | | |
| 80.50 | 18 | | | | | | | | |
| | | | | | | | | | |
| MEDIUM gray TILL with GRAVEL | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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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COUNTY Ogle 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 Q u T | M O I S T U R E | Surface Water Elev. | D E P T H | B L O W S | U C S Q u T | M O I S T U R E |
| | | | | | ft | | | | |
| BORING NO. Station | | | | | Groundwater Elev.: | | | | |
| 846+11 | | | | | First Encounter | | | | |
| 846+23 | | | | | Upon Completion | | | | |
| 14.00ft RL CL | | | | | After Hrs. | | | | |
| 99.6 ft | (ft) | (/6") | (tsf) | (%) | | (ft) | (/6") | (tsf) | (%) |

| | | | | | | | | | |
|---------------------------------------------|----|-----|-----|----|--------------------------------------------|--|----|-----|---|
| STIFF brown SILTY CLAY LOAM | | | 1.0 | 22 | MEDIUM tan dirty SAND & GRAVEL (continued) | | 7 | | |
| | | | P | | | | 15 | | |
| | | | | | | | 14 | | |
| 97.60 | | | | | | | | | |
| STIFF brown LOAM | 10 | | | | MEDIUM tan dirty SAND & GRAVEL | | 7 | | |
| | 8 | 1.1 | | 28 | | | 13 | | |
| 96.10 | 10 | P | | | | | 15 | | |
| | | | | | | | | | |
| MEDIUM brown LOAM | 2 | | 0.8 | 26 | MEDIUM tan dirty SAND & GRAVEL | | 9 | | |
| | 2 | | B | | | | 10 | | |
| 93.60 | 4 | | | | | | 11 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| SOFT brown SANDY LOAM | 1 | | 0.5 | 22 | MEDIUM gray SANDY TILL | | 9 | | |
| | 2 | | P | | | | 9 | 2.5 | 7 |
| 91.10 | 3 | | | | | | 12 | P | |
| | | | | | | | | | |
| VERY STIFF tan SANDY LOAM | 8 | | | | STIFF gray SANDY TILL | | 5 | | |
| | 3 | 2.0 | | 10 | | | 7 | 1.9 | 7 |
| 88.10 | 6 | P | | | | | 9 | S | |
| | | | | | | | | | |
| MEDIUM yellow tan dirty SAND & GRAVEL | 9 | | | | VERY STIFF gray SANDY TILL | | 6 | | |
| | 8 | | | | | | 8 | 2.3 | 8 |
| 86.10 | 7 | | | | | | 13 | B | |
| | | | | | | | | | |
| | | | | | | | | | |
| LOOSE/MEDIUM yellow tan dirty SAND & GRAVEL | 4 | | | | DENSE tan fine SAND | | 15 | | |
| | 4 | | | | | | 23 | | |
| 83.60 | 6 | | | | | | 24 | | |
| | | | | | End of Boring | | | | |
| | | | | | | | | | |
| MEDIUM tan dirty SAND & GRAVEL, moist | 5 | | | | | | | | |
| | 9 | | | | | | | | |
| 81.10 | 11 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 = Wed Jul 25 09:27:51 2007
 FILE NAME = I:\projects\10605\10605_borings.dgn
 PLOT SCALE = 8.000000 7 IN
 USER NAME = drossad

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---------------------------------------|
| NAME | DATE | |
| | | SCALE: VERT. HORIZ. DATE |
| | | |
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| | | |

DRAWN BY
CHECKED BY

BORING LOGS