

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 10SW, SEC., TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

| STRUCT. NO. Station | DEPTWHS | BLWS | UCS | MOIST | Surface Water Elev. | DEPTWHS | BLWS | UCS | MOIST |
|-------------------------------------|---------|-------|-------|-------|---------------------|---------|-------|-------|-------|
| BORING NO. Station Offset | H | S | Qu | T | ft | H | S | Qu | T |
| Ground Surface Elev. | (ft) | (/6") | (tsf) | (%) | ft | (ft) | (/6") | (tsf) | (%) |
| SOFT dark brown SANDY LOAM | | | 0.3 P | 18.0 | 94.00 | | | | |
| | | | | | Stream Bed Elev. | | | | |
| | | | | | 667.1 | | | | |
| | | | | | Wash | | | | |
| | | | | | ft | | | | |
| | | | | | After | | | | |
| | | | | | Hrs. | | | | |
| MEDIUM tan SANDY GRAVEL (continued) | | | | | 660.00 | | | | |
| | | | | | 679.60 | | | | |
| | | | | | 677.60 | | | | |
| VERY LOOSE brown dirty SAND | | | | | 675.60 | | | | |
| | | | | | 672.90 | | | | |
| SOFT gray/tan SILTY LOAM | | | | | 669.60 | | | | |
| | | | | | 668.10 | | | | |
| VERY LOOSE tan fine SAND | | | | | 665.60 | | | | |
| | | | | | 663.10 | | | | |
| MEDIUM tan SANDY GRAVEL | | | | | 660.00 | | | | |

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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|--|---------|-------|-------|-------|---------------------|---------|-------|-------|-------|
| BORING NO. Station Offset | H | S | Qu | T | ft | H | S | Qu | T |
| Ground Surface Elev. | (ft) | (/6") | (tsf) | (%) | ft | (ft) | (/6") | (tsf) | (%) |
| MOIST dark brown dirty SAND | | | 0.0 P | 16.0 | 94.00 | | | | |
| | | | | | Stream Bed Elev. | | | | |
| | | | | | 661.50 | | | | |
| | | | | | 680.50 | | | | |
| | | | | | 679.00 | | | | |
| MEDIUM brown SANDY LOAM with SAND lens | | | | | 675.60 | | | | |
| | | | | | 674.50 | | | | |
| | | | | | 674.00 | | | | |
| LOOSE tan clean medium coarse SAND | | | | | 671.50 | | | | |
| | | | | | 669.00 | | | | |
| | | | | | 668.50 | | | | |
| | | | | | 664.00 | | | | |
| | | | | | 663.00 | | | | |
| | | | | | 660.00 | | | | |

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DESIGNED CTH

CHECKED DFM

DRAWN CTH

CHECKED DFM

BORING LOGS
STRUCTURE NO. 071-7005

| | | | | | |
|--------------------|-------------|---------|---|--------------|-----------|
| SHEET NO. 17 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 18 SHEETS | 742 | 37R-4 | OGLE | 867 | 252 |
| CONTRACT NO. 64E17 | | | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT | | |