



SOIL BORING LOG

PAGE 1 of 1
 DATE 2/14/2012
 LOGGED BY RT
 GSI JOB No. 10196

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69
 SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monee Township
 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. - Station: -
 BORING NO. **RB-104**
 Station: 698+22 Ridge Lane Avenue
 Offset: 28.6' Right
 Ground Surface Elev. 764.6

Surface Water Elev. n/a
 Stream Bed Elev. n/a
 Groundwater Elevation:
 First Encounter Dry
 Upon Completion Dry
 After

| DEPTH (ft) | BLOW S | UCS Qu (tsf) | MOIST (%) | DEPTH (ft) | BLOW S | UCS Qu (tsf) | MOIST (%) |
|------------|--------|--------------|-----------|------------|--------|--------------|-----------|
| - | AS | - | 34 | - | | | |
| 3 | | | 104 | | | | |
| 3 | | | | | | | |
| 5 | 1.5B | 20 | | | | | |
| 5 | | | 108 | | | | |
| 7 | | | | | | | |
| -5 | 9 | 6.0B | 17 | -25 | | | |
| 7 | | | 127 | | | | |
| 10 | | | | | | | |
| 11 | 6.5B | 11 | | | | | |
| 6 | | | 113 | | | | |
| 11 | | | | | | | |
| -10 | 13 | 7.0B | 18 | -30 | | | |
| -15 | | | | -35 | | | |
| -20 | | | | -40 | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery



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ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69
 SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monee Township
 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. - Station: -
 BORING NO. **RB-105**
 Station: 802+11 Central Avenue
 Offset: 25.6' Right
 Ground Surface Elev. 767.6

Surface Water Elev. n/a
 Stream Bed Elev. n/a
 Groundwater Elevation:
 First Encounter Dry
 Upon Completion Dry
 After Hrs.

| DEPTH (ft) | BLOW S | UCS Qu (tsf) | MOIST (%) | DEPTH (ft) | BLOW S | UCS Qu (tsf) | MOIST (%) |
|------------|--------|--------------|-----------|------------|--------|--------------|-----------|
| - | AS | - | 27 | - | | | |
| 3 | | | | | | | |
| 2 | | | | | | | |
| 2 | 1.75P | 22 | | | | | |
| 3 | | | 107 | | | | |
| 5 | | | | | | | |
| -5 | 5 | 3.1B | 17 | -25 | | | |
| 4 | | | 113 | | | | |
| 6 | | | | | | | |
| 9 | 6.5B | 16 | | | | | |
| 6 | | | | | | | |
| 9 | | | | | | | |
| -10 | 15 | 4.5+P | 17 | -30 | | | |
| -15 | | | | -35 | | | |
| -20 | | | | -40 | | | |

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 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery