



SOIL BORING LOG

PAGE 1 of 1
DATE 2/20/2012
LOGGED BY RT
GSI JOB No. 10196

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60169
SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monsee Township
COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. - Station: -
BORING NO. RB-037 Station: 16052+51 Stuenkel Road Offset: 22.2 Left Ground Surface Elev. 759.1
Surface Water Elev. n/a Stream Bed Elev. n/a
Groundwater Elevation: First Encounter Dry Upon Completion Dry After Hrs.
DEPT H B L O W S U C S M O I S T (ft) (/6") (tsf) (%)

Table with columns for Depth, Blow Count, UCS, Moisture, and Soil Description. Rows include TOPSOIL-black, SILTY CLAY-brown & gray-very stiff (A-6) Wet, CLAY-brown & gray-hard (A-6), and End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer.

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 T206) The Unit Dry Weight (pcf) is noted in italics above moist (%) NR-No Recovery



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COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. - Station: -
BORING NO. RB-038 Station: 16055+48 Stuenkel Road Offset: 54.5' Right Ground Surface Elev. 762.8
Surface Water Elev. n/a Stream Bed Elev. n/a
Groundwater Elevation: First Encounter Dry Upon Completion Dry After Hrs.
DEPT H B L O W S U C S M O I S T (ft) (/6") (tsf) (%)

Table with columns for Depth, Blow Count, UCS, Moisture, and Soil Description. Rows include TOPSOIL-black, CLAY-brown & gray-very stiff to hard (A-6), and End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer.

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 T206) The Unit Dry Weight (pcf) is noted in italics above moist (%) NR-No Recovery