



SOIL BORING LOG

Date 8/13/09

ROUTE I-57 DESCRIPTION I-57 (S.B.) over Spring Creek, 2.5 miles South of the Buckley Interchange LOGGED BY LM

SECTION 38-8B LOCATION S.W. 1/4 of N.W. 1/4, SEC. 3, TWP. 24N, RNG. 10E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-0147 (Exist.) Station 1357+52.48 BORING NO. 2 (N.E. Quad.) Station 1358+92.48 Offset 17.00R Rt. Ground Surface Elev. 703.50 ft

Table with columns for Depth (ft), Blows (6"), Unconfined Compressive Strength (tsf), Moisture Content (%), and Soil Description. Includes data for Augered Brown Silty Clay Loam Till Fill, Hard to Very Stiff Brown Silty Clay Loam Till Fill, Hard Grayish Brown Silty Clay Loam Till Fill, and Very Stiff Gray Silty Clay Loam Till.

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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Table with columns for Depth (ft), Blows (6"), Unconfined Compressive Strength (tsf), Moisture Content (%), and Soil Description. Includes data for Very Stiff Gray Clay Till - mainly Clay (continued), Hard Grayish Brown Silty Loam Till - Brittle (continued), Dense to Very Dense Brown Fine Sand to Coarse Gravel with Free Water, Very Stiff Grayish Brown Silty Clay Loam Till, Very Stiff Grayish Brown Silty Clay Loam/Silty Loam Till with Silt Layers, and Hard Grayish Brown Silty Loam Till - Brittle.

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)



Alfred Benesch & Company 205 North Michigan Avenue, Suite 2400 Chicago, Illinois 60601 312-565-0450 Job No. 3938.09

Table with columns for FILE NAME, USER NAME, DESIGNED, CHECKED, DRAWN, PLOT DATE, REVISED, and PLOT SCALE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (5 OF 5) STRUCTURE NO. 038-0222/0223

SHEET NO. S32 OF S41 SHEETS

Table with columns for F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO.

Vertical text on the right edge: xt:\3900s\3938\structures\1-57 over springcreek\final\plans\0380222&0223_66948_032_bor-log5.dgn 08/18/2011 08:51:30