



SOIL BORING LOG

GSJ Job No. 10025 Page 1 of 2 Date 3/21/12

ROUTE FAP 373 (IL 171) DESCRIPTION IL Route 171 from 47th St. to 55th St. LOGGED BY NW
SECTION (0707-608&611)HB-B & LOCATION SE 1/4, SEC. 11, TWP. T38N, RNG. R12E, 3rd PM

Table with columns for Depth (ft), Blows (B), Unconfined Compressive Strength (C), Moisture Content (M), Soil Description, and SPT (N) values. Includes soil layers like 11.0" ASPHALT, SILTY CLAY-dark brown & gray-hard (Fill), SANDY CLAY LOAM with Gravel-brown-medium dense (Fill), CLAY LOAM-dark gray-hard (Fill), SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to very dense.

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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ROCK CORE LOG form with fields for Project Info, Location, Boring No., and a table for Core Data (Depth, Recovery, etc.). Includes a photo of a core sample labeled SB-16 RUN 1 -420' to 520' TOP.

Color pictures of the cores Yes. Cores will be stored for examination for --
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2936)



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093

Table with columns for User Name, Designated, Revised, Plot Scale, and Plot Date.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (2 OF 6) STRUCTURE NO. 016-1510 SHEET NO. SA39 OF SA43 SHEETS

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

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