



SOIL BORING LOG

GSI Job No. 10025

Page 1 of 2

Date 3/19/12

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

COUNTY Cook DRILLING METHOD HSA/MUD ROTARY HAMMER TYPE CME Automatic

Table with columns for Depth (ft), Blows (B), Unconfined Compressive Strength (UCS), and Soil Description. Includes data for 15.0" ASPHALT, CRUSHED STONE-dense (Fill), CLAY LOAM-dark brown & gray-very stiff to hard (Fill), SAND, GRAVEL & FRACTURED ROCK-gray-loose to medium dense, and FRACTURED ROCK & GRAVEL-gray-very dense.

Z:\PROJECTS\10025 BENESECH, IL-171 FIRST AVE. (DOT) PFB 154, ITEM 14(1)025 BORING LOGS\10025 LOG.GPJ 11/9/13

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 (B), Unconfined Compressive Strength (UCS), and Soil Description. Includes data for FRACTURED ROCK & GRAVEL-gray-very dense, Drillers Observation: Apparent bedrock, and Borehole continued with rock coring.

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ROCK CORE LOG form. Includes project details, log data for SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE RUN 1, and a photograph of a core sample labeled SB-36, RUN 1, 435'-535' 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)



USER NAME = ksnider, DESIGNED - KMS, CHECKED - JHG, DRAWN - KMS, CHECKED - JHG, PLOT DATE = 6/23/2014

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (4 OF 6) STRUCTURE NO. 016-1510 SHEET NO. SA41 OF SA43 SHEETS

Table with columns: F.A.P. RTE., SECTION (0707-608&611)HB-B, COUNTY COOK, TOTAL SHEETS 177, SHEET NO. 106, CONTRACT NO. 60W77, ILLINOIS FED. AID PROJECT