



SOIL BORING LOG

GSI Job No. 10025

Page 1 of 2

Date 5/3/12

ROUTE FAP 372 (IL 171) DESCRIPTION IL Route 171 from 47th St. to 55th St. LOGGED BY RR

SECTION 2013-038B-R LOCATION SE 1/4, SEC. 11, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD MUD ROTARY HAMMER TYPE CME Automatic

STRUCT. NO. 016-0483 Station 50+80.50 BORING NO. SB-20 Station 52+35 Offset 46.00ft Left Ground Surface Elev. 620.90 ft

Table with columns: DEPTH (ft), BULGE (in), UCS (tsf), MOISTURE (%). Values are blank.

Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.

Main boring log table with columns for depth, soil description, and strength/moisture data. Includes entries for VOID, CLAY LOAM, and SILTY CLAY LOAM.

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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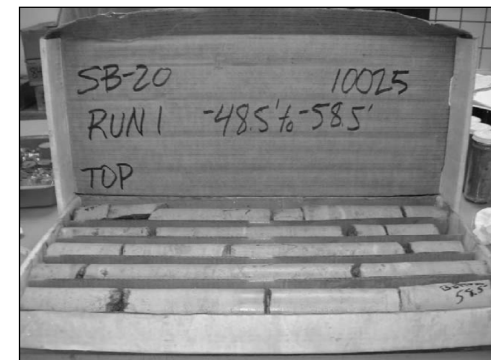
Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.

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ROCK CORE LOG header with project details, date, and job number.

Table with columns: DEPTH (ft), CORE RECOVERY (%), ROCK QUALITY INDEX (RQI), and STRENGTH (tsf). Includes lithological descriptions like SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE.



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-2938)



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

Table with columns: USER NAME, DESIGNED, CHECKED, DRAWN, PLOT DATE and their corresponding values.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (4 OF 5) STRUCTURE NO. 016-0483

Summary table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

ILLINOIS FED. AID PROJECT