



SOIL BORING LOG

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Date 10/3/2008

ROUTE FA 646 (IL-40) DESCRIPTION IL-40 over the Rock River LOGGED BY TC
SECTION 1B-2 LOCATION NE 1/4 SEC. 28 TWP. 21N RNG. 7E PM 3
COUNTY Whiteside STRUCTURE NO. 098-0014 (Exist.)

BORING NO. P7W DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic SPT Hammer

Station 733+71 Offset 43 Lt Ground Surface Elev. (ft.)
Surface Water Elev. 628.11 (ft.)
Groundwater Elev. (ft.)
First Encounter (ft.)
Upon Completion (ft.)
After Hrs. (ft.)

Table with columns for SOIL DESCRIPTION, (ft.), (blows), (tsf), (%), and SOIL DESCRIPTION (ft.), (blows), (tsf), (%). Includes soil data for WEATHERED LIMESTONE and WEATHERED LIMESTONE WITH CHERT.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).
The Standard Penetration Test (SPT) N Value is per (AASHTO T208)

BBS 137 (8/05)



ROCK CORE LOG

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Date 10/3/2008

ROUTE FAP 646 (IL-40) DESCRIPTION ILLINOIS 40 OVER ROCK RIVER STERLING - ROCK FALLS LOGGED BY G. Jamison
SECTION 1B-2 LOCATION NE 1/4 SEC. 28 TWP. 21N RNG. 7E 3 PM

COUNTY Whiteside CORING METHOD Wireline

STRUCT. NO. 098-0014 CORING BARREL TYPE & SIZE HQ
Station 729+71.26 Core Diameter 1.78 in
Top of Rock Elev. 618.61 ft
Begin Core Elev. 616.11 ft

Table with columns for DEPTH (ft), CORE QTY, CORE TYPE, CORE SIZE, and CORE STRENGTH (tsf). Includes data for DOLOMITE and various core samples.

Color pictures of the cores Yes
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS 138 (Rev. 3/01)



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Top of Rock Elev. 618.61 ft
Begin Core Elev. 616.11 ft

Table with columns for DEPTH (ft), CORE QTY, CORE TYPE, CORE SIZE, and CORE STRENGTH (tsf). Includes data for VOID and various core samples.

Color pictures of the cores Yes
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS 138 (Rev. 3/01)