



SOIL BORING LOG

Date 8/5/09

ROUTE FAI 70 (I-70) DESCRIPTION Pedestrian Trail - Bridge LOGGED BY E. Sandschafer

SECTION (25-3)-6 LOCATION SE 1/4, SEC. 19, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 025-6010 Station N/A

BORING NO. 1 W Abut Station 2156+46.6 Offset 212.69ft Lt Ground Surface Elev. 587.16 ft

Table with columns for Depth (ft), Diameter (in), SPT (blows), and Soil Description. Includes soil types like Topsoil, Very stiff damp red marbled gray, CLAY, and Very dense, very moist, gray, SANDY CLAY SHALE.

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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STRUCT. NO. 025-6010 Station N/A

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Table with columns for Depth (ft), Diameter (in), SPT (blows), and Soil Description. Includes soil types like Very dense, moist, gray, SILTY CLAY SHALE (continued) and Very dense, very moist, gray, CLAY SHALE.

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)



ROCK CORE LOG

Date 8/5/09

ROUTE FAI 70 (I-70) DESCRIPTION Pedestrian Trail - Bridge LOGGED BY E. Sandschafer

SECTION (25-3)-6 LOCATION SE 1/4, SEC. 19, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 025-6010 Station N/A

BORING NO. 1 W Abut Station 2156+46.6 Offset 212.69ft Lt Ground Surface Elev. 587.16 ft

Table with columns for Depth (ft), Core Diameter (in), Top of Rock Elev., Begin Core Elev., and Core Description. Includes rock types like Gray, SANDY CLAY SHALE, Gray, SANDSTONE, and Green, SANDSTONE.

Color pictures of the cores Available on request Cores will be stored for examination until 08/05/2014 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)