



SOIL BORING LOG

ROUTE FAI 70 (I-70) DESCRIPTION Pedestrian Trail - Retaining Wall 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#

Table with columns for DEPTH (ft), BLOW COUNT (blows/6"), UNCONSOLIDATED QUANTITY (Qu), and MOISTURE (%). Includes soil descriptions like 'Very dense, moist, gray, SANDY CLAY SHALE' and 'Gray, slightly weathered, 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)



ROCK CORE LOG

ROUTE FAI 70 (I-70) DESCRIPTION Pedestrian Trail - Retaining Wall 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

Table with columns for DEPTH (ft), CORE NUMBER (#), RECOVERY (%), CORE DIAMETER (in), and STRENGTH (tsf). Includes descriptions like 'Gray, slightly weathered, SANDY CLAY SHALE' and 'Rock core B1C1 from depth 49.0' to 49.5', Qu = 59 tsf'.

Color pictures of the cores Available on request! Cores will be stored for examination until 08/03/2014 The 'Strength' column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)



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

Table with columns for DEPTH (ft), BLOW COUNT (blows/6"), UNCONSOLIDATED QUANTITY (Qu), and MOISTURE (%). Includes soil descriptions like 'Gray, SILTY LOAM', 'Shiff, damp, red, SANDY CLAY', and 'Very dense, damp, gray, SANDY CLAY LOAM TILL w/ few Sandstone fragments'.

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