

BORING NO. RW-78 (1 OF 3)



Illinois Department of Transportation  
Division of Highways  
geotechnology

SOIL BORING LOG

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Date 10/16/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange LOGGED BY RLH  
SECTION 81-2, 82R LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W  
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger and Mud Rotary HAMMER TYPE Automatic Hammer

Table with columns for Soil Description, Depth (ft), and SPT (blows/6ft). Rows describe soil layers such as 'Brown and black, SILTY LOAM', 'Medium stiff, gray, SILTY LOAM', 'Soft, gray, SILT', etc.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
• Rimac attempted, not measured due to sample disturbance  
•• Not measured due to drilling methods used

BORING NO. RW-78 (2 OF 3)



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COUNTY St. Clair DRILLING METHOD Hollow Stem Auger and Mud Rotary HAMMER TYPE Automatic Hammer

Table with columns for Soil Description, Depth (ft), and SPT (blows/6ft). Rows describe soil layers such as 'Medium dense to very dense, gray, FINE GRAINED SAND', 'Soft, gray, SILT', etc.

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
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Sheet No. WA-11 of 12

Bottom header table with columns for FILE NAME, USER NAME, DESIGNED, REVISIONS, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, SOIL BORING LOGS (2 OF 3), STRUCTURE NO. 082-W228, SCALE, SHEET NO., OF SHEETS, STA. TO STA., F.A. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO., FED. ROAD DIST. NO., ILLINOIS FED. AID PROJECT.