



Illinois Department of Transportation
Division of Highways
geotechnology

SOIL BORING LOG

Page 1 of 3

Date 12/13/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange - East St. Louis Mitigation LOGGED BY AJJ
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 Structural No., Station, Boring No., Station, Offset, Ground Surface Elev., and soil descriptions (e.g., Dark gray and black, SILTY CLAY; Stiff, gray to brown and gray mottled, CLAY; Brown, SANDY LOAM; Soft to very soft, gray, SILT).

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
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
geotechnology

SOIL BORING LOG

Page 2 of 3

Date 12/13/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange - East St. Louis Mitigation LOGGED BY AJJ
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 Structural No., Station, Boring No., Station, Offset, Ground Surface Elev., and soil descriptions (e.g., Medium dense, gray, FINE GRAINED SAND; Very dense, brownish-gray, FINE GRAINED SAND).

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
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
geotechnology

SOIL BORING LOG

Page 3 of 3

Date 12/13/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange - East St. Louis Mitigation LOGGED BY AJJ
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 Structural No., Station, Boring No., Station, Offset, Ground Surface Elev., and soil descriptions (e.g., Medium dense to very dense, gray, FINE GRAINED SAND; Dense, gray, FINE to MEDIUM GRAINED SAND).

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
BBS, from 137 (Rev. 8-99)

Project information summary including File Name, User Name, Design/Check/Drawn/Revised status, State of Illinois Department of Transportation logo, Structure No. 082-W229, Scale, Sheet No., and Contract No. 76C47.