



SOIL BORING LOG

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Date 8/17/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY LAH

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA and MR HAMMER TYPE CME 85 / 73%

STRUCT. NO. 082-0323 Station NA BORING NO. B-418 Station 75+31.28 Offset 18.73ft Left Ground Surface Elev. 414.42 ft

Table with columns for Depth (ft), Blows (6"), SPT (ft), and Soil Description. Includes text: 'Very dense, gray, FINE GRAINED SAND, trace gravel (continued)'. Depth ranges from 0 to -140 ft.

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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Date 8/13/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA and MR HAMMER TYPE CME 85 / 73%

STRUCT. NO. 082-0323 Station NA BORING NO. B-425 Station 74+14.22 Offset 10.00ft Right Ground Surface Elev. 415.08 ft

Table with columns for Depth (ft), Blows (6"), SPT (ft), and Soil Description. Includes text: 'Black, SAND (FILL), trace cinders', 'Medium stiff, gray, SILTY CLAY, trace sand (continued)', 'Brown, SAND (FILL)', 'Medium stiff, gray, CLAY, trace sand', 'Stiff to very stiff, gray, CLAY', 'Loose to medium dense, gray, SANDY LOAM', 'Stiff, tan, SILT', 'Medium stiff, gray, SILTY CLAY, trace sand'. Depth ranges from 0 to -40 ft.

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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COUNTY St. Clair DRILLING METHOD HSA and MR HAMMER TYPE CME 85 / 73%

STRUCT. NO. 082-0323 Station NA BORING NO. B-425 Station 74+14.22 Offset 10.00ft Right Ground Surface Elev. 415.08 ft

Table with columns for Depth (ft), Blows (6"), SPT (ft), and Soil Description. Includes text: 'Loose to medium dense, gray, SANDY LOAM (continued)', 'Medium dense, brown and gray, FINE GRAINED SAND, with silt (continued)', 'Medium dense, brown and gray, FINE GRAINED SAND, with silt', 'See attached grain size distribution', 'Medium dense, brown and gray, FINE GRAINED SAND, with silt (continued)', 'Loose to dense, gray, MEDIUM GRAINED SAND, trace silt', 'See attached grain size distribution'. Depth ranges from 0 to -80 ft.

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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