

**SOIL BORING LOG**Page 1 of 1
Date 2/6/09ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY RFW
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR DRILL RIG/HAMMER EFFICIENCY CME 75 / 80%

STRUCT. NO.	Station	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)
Crushed limestone GRAVEL base (FILL)								
Gray brown, CLAY, with silt, sand, cinders, and brick fragments (FILL)								
Medium stiff, brown, SILT								
Stiff, brown, SILTY CLAY								
Stiff, brown, CLAY								
End of Boring								

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)
* Rimac attempted, not measured due to sample disturbance
** Not measured due to drilling methods used
BBS, from 137 (Rev. 8-99)

**SOIL BORING LOG**Page 1 of 1
Date 8/20/09ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY RFW
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR below 25 ft HAMMER TYPE Diedrich D50 / 75%

STRUCT. NO.	Station	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)
Black, SAND (FILL), with trace cinders, silt, and gravel								
Stiff to medium stiff, brown and gray, SILTY CLAY LOAM (continued)								
Stiff, brown and gray, SILTY CLAY								
Stiff, gray, SILTY LOAM								
Stiff, gray, CLAY								
Stiff, brown and gray, SILTY LOAM								
Very stiff to stiff, gray, CLAY, trace silt								
Medium dense, gray, FINE GRAINED SAND, trace silt and gravel								
Stiff to medium stiff, brown and gray, SILTY CLAY LOAM								
End of Boring								

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)
* Rimac attempted, not measured due to sample disturbance
** Not measured due to drilling methods used
BBS, from 137 (Rev. 8-99)

**SOIL BORING LOG**Page 1 of 2
Date 4/12/10ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY RFW
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR below 40 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO.	Station	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows)	BLANK (%)
Topsoil - 4 inches								
Black, CINDERS, trace sand, silt, and rubble (FILL)								
Loose, brown, SANDY LOAM (continued)								
Very stiff to medium stiff, brown, SILTY LOAM								
Stiff to medium stiff, brown, CLAY								
Loose, brown, SANDY LOAM								
Stiff to medium stiff, brown, SILT								
Loose, brown, SANDY LOAM								
Grain Size Distribution Conducted								
Stiff to medium stiff, brown, SILT								
End of Boring								

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)
* Rimac attempted, not measured due to sample disturbance
** Not measured due to drilling methods used
BBS, from 137 (Rev. 8-99)

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