



Illinois Department of Transportation  
Division of Highways  
Geotechnology, Inc.

SOIL BORING LOG

Page 4 of 4  
Date 10/11/00

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BEC  
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W  
COUNTY St. Clair DRILLING METHOD HSA and Mud Rotary DRILL RIG/HAMMER EFFICIENCY Automatic Hammer

Table with columns: DEPTH (ft), BLOW COUNT (blows/ft), UNCONFINED COMPRESSIVE STRENGTH (tsf), MOISTURE CONTENT (%), and SOIL DESCRIPTION. Includes data for CRSTALLINE LIMESTONE and various soil types like silty clay and loam.

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 BBS, from 137 (Rev. 8-99)  
\*\* Not measured due to drilling methods used



Illinois Department of Transportation  
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Date 10/24/00

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BEC  
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W  
COUNTY St. Clair DRILLING METHOD HSA and Mud Rotary DRILL RIG/HAMMER EFFICIENCY Automatic Hammer

Table with columns: DEPTH (ft), BLOW COUNT (blows/ft), UNCONFINED COMPRESSIVE STRENGTH (tsf), MOISTURE CONTENT (%), and SOIL DESCRIPTION. Includes data for soft black clay, silty clay, and fine grained sand.

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 BBS, from 137 (Rev. 8-99)  
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COUNTY St. Clair DRILLING METHOD HSA and Mud Rotary DRILL RIG/HAMMER EFFICIENCY Automatic Hammer

Table with columns: DEPTH (ft), BLOW COUNT (blows/ft), UNCONFINED COMPRESSIVE STRENGTH (tsf), MOISTURE CONTENT (%), and SOIL DESCRIPTION. Includes data for loose to medium dense brown fine grained sand and medium dense to very dense brown fine grained sand.

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 BBS, from 137 (Rev. 8-99)  
\*\* Not measured due to drilling methods used



Zroka Engineering, P.C.  
4216 North Hermitage  
Chicago, IL 60613

BORING LOGS 2  
INTERSTATE 70 OVER 1ST STREET  
FAI-70  
SECTION 82-1-2HB  
ST. CLAIR COUNTY  
STA. 192+97.45  
STRUCTURE NO. 082-0312 (EB)  
STRUCTURE NO. 082-0313 (WB)

Summary table with columns: FILE NAME, USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISIONS, SCALE, SHEET NO., and SHEET NO. Includes project details like SECTION 82-1-2HB and CONTRACT NO. 76C50.