

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 1 of 1
Date 3/29/04

ROUTE FAP 308 DESCRIPTION P-92-044-02 IL 92 bridge (Centennial Expressway) over 7th Avenue in Rock Island LOGGED BY C. Jenkins

SECTION 1(HB,HB-1,VB,HB-2)R LOCATION , SEC., TWP., RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diebrich Automatic

STRUCT. NO. 1 Station 344+58
BORING NO. B-1a Station 343+75
Offset 32.00ft Li Cl.
Ground Surface Elev. 97.9 ft

SOIL DESCRIPTION	DEPTH (ft)	BULGE (in)	SHEAR (lb)	PENETRATION (lb)	SPT (blows)			
					N	N ₆₀	N ₁₀	N ₁₅
MEDIUM tan brown SILTY LOAM	0.7	16						
		P						
	94.90	6						
MEDIUM tan SILT	5	0.6	23					
	93.40	6	B					
MEDIUM tan SILT	4							
	90.90	4	0.8	18				
		6	P					
MEDIUM tan SILT	5	0.8	17					
	88.40	6	P					
STIFF tan SILT	5	1.1	21					
	85.90	7	P					
MEDIUM tan SILT	2	0.8	22					
	83.40	5	B					
STIFF black SILTY LOAM TILL with CHERT	3	1.9	20					
	80.40	8	S					
		6	S					
LOOSE tan medium grained SAND with a COAL lens and a SILT lens	4							
	78.40	4						
		4						

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)

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 1 of 1
Date 3/25/04

ROUTE FAP 308 DESCRIPTION P-92-044-02 IL 92 bridge (Centennial Expressway) over 7th Avenue LOGGED BY W. Garza

SECTION 1(HB,HB-1,VB,HB-2)R LOCATION , SEC., TWP., RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 1 Station 344+58
BORING NO. B-2a Station 344+27
Offset 73.00ft Ri Cl.
Ground Surface Elev. 83.2 ft

SOIL DESCRIPTION	DEPTH (ft)	BULGE (in)	SHEAR (lb)	PENETRATION (lb)	SPT (blows)			
					N	N ₆₀	N ₁₀	N ₁₅
MEDIUM black SILTY CLAY	2							
	75.90	3	0.8	39				
		5	P					
MEDIUM brown SANDY LOAM with LIMESTONE fragments	1							
	79.70	4	0.8	19				
		6	P					
VERY DENSE gray weathered LIMESTONE	7							
	73.90	21						
		48						
Borehole continued with rock coring.								
	76.20							
Borehole continued with rock coring.								
	-10							
	-15							
	-20							

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)

t:\2082\structure\204402\SB1.dgn

DESIGNED
CHECKED
DRAWN
CHECKED

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

SOIL BORINGS 1
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 7th AVENUE
FAP ROUTE 308 SEC. 1(HB)R
ROCK ISLAND COUNTY
STATION 1547+22.56
STRUCTURE NO. 081-0170