

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 308	*	ROCK ISLAND	210	146
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #64814 * (1HB, HB-1, VB, HB-2)R

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2
Date 1/25/05

ROUTE FA 199 DESCRIPTION P92-139-00 Centennial Expressway over Iowa Interstate Railroad LOGGED BY W. Garza

SECTION 1VB LOCATION South Rock Island Township - 3SE, SEC. 1, TWP. 17N, RNG. 2W

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

STRUCT. NO. 384+77.69
Station 384+77.69
BORING NO. B-1
Station 386+43
Offset 23.50ft L to CL
Ground Surface Elev. 588.9 ft

Soil Description	Depth (ft)	(ft)	(6")	(tsf)	(%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion After Hrs.
Asphalt/Concrete						N/A	N/A		
MEDIUM brown fine SAND									
	586.40	7							
	584.90	7							
LOOSE brown/tan fine SAND									
	582.40	4							
MEDIUM tan fine SAND									
	579.90	7							
MEDIUM tan fine SAND									
	577.40	6							
MEDIUM tan fine SAND									
	574.90	7							
DENSE tan fine SAND									
	572.40	24							
DENSE tan fine SAND									
	569.90	21							

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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VERY LOOSE brown fine SAND									
	547.40	2							
LOOSE brown fine SAND, very moist									
	544.90	4							
LOOSE brown clean medium SAND									
	542.40	6							
Wash LOOSE brown fine SAND with medium GRAVEL									
	539.90	3							
Wash DENSE brown top 12" fine SAND bottom 6" SAND & GRAVEL									
	536.90	38							
Wash VERY DENSE tan SAND & GRAVEL with LIMESTONE fragments									
	534.90	23							
Wash MEDIUM tan SAND & GRAVEL with LIMESTONE fragments									
	532.40	14							
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)

BBS, from 137 (Rev. 8-99)

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DESIGNED
CHECKED
DRAWN
CHECKED

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

SOIL BORINGS 1
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER IAIS RAILROAD
FAP ROUTE 308 SEC. 1(VB)R
ROCK ISLAND COUNTY
STATION 1507+04.10
STRUCTURE NO. 081-0064