

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATION	SHEET NO.	SHEET NO. 32 32 SHEETS
F.A.P. 308	*	ROCK ISLAND	210	147	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		Contract #64814 * (1HB, HB-1, VB, HB-2)R	

Page 1 of 2

**SOIL BORING LOG**

Date 1/26/05

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

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

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

STRUCT. NO. Station 384+77.69

BORING NO. B-2 Station 382+65 Offset 40.00ft RL CL Ground Surface Elev. 589.4 ft

SOIL DESCRIPTION	(B)	(6")	(sq)	(%)	DEPTH (ft)	SOIL DESCRIPTION	(B)	(6")	(sq)	(%)
MEDIUM brown SANDY LOAM		0.5	12		10	MEDIUM tan fine SAND				
		P			17					
					567.90					
MEDIUM brown fine SAND	7				13	DENSE tan fine SAND				
	5				16					
	5				24					
					565.40					
LOOSE brown fine SAND	3				8	DENSE tan fine SAND				
	3				16					
	5				20					
					562.90					
LOOSE/MEDIUM brown fine SAND	3				15	DENSE tan fine SAND				
	4				18					
	6				23					
					560.40					
MEDIUM brown fine SAND	6				10	DENSE tan fine SAND				
	8				17					
	9				23					
					557.90					
MEDIUM tan fine SAND	8				13	DENSE tan/brown fine SAND				
	10				14					
	12				17					
					555.40					
MEDIUM tan fine SAND	5				19	VERY DENSE tan fine SAND				
	11				36					
	12				43					
					552.40					
MEDIUM tan fine SAND	9				5	MEDIUM dark gray SANDY LOAM				
	12				6			0.8	30	
	15				5			P		
					550.40					
					-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)

Page 2 of 2

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SOIL DESCRIPTION	(B)	(6")	(sq)	(%)	DEPTH (ft)	SOIL DESCRIPTION	(B)	(6")	(sq)	(%)
MEDIUM dark gray SANDY LOAM	1				1					
	1	0.8	24		1					
		P			1					
					547.40					
LOOSE/MEDIUM gray fine moist SAND	3				4					
	4				6					
					545.40					
LOOSE gray fine SAND	1				1					
	1				4					
					539.40					
Wash	6				12	DENSE tan SAND & GRAVEL				
	12				31					
					537.90					
VERY DENSE tan SAND & GRAVEL	37				40					
	40				64					
					535.40					
End of Boring					-55					
					-60					

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BBS, from 137 (Rev. 8-99)

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DESIGNED
CHECKED
DRAWN
CHECKED

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

SOIL BORINGS 2  
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