

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	POST MILE	SHEET NO.	SHEET NO. 27 28 SHEETS
F.A.P. 308	*	ROCK ISLAND	210	174	
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
IDOT

SOIL BORING LOG

Page 1 of 2
Date 4/8/04

ROUTE FAP 308 DESCRIPTION P-92-044-02 IL 92 bridge (Centennial Expressway) over 18th Avenue 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 Dietrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.		D	B	U	M
					None	ft				
Station 374+04					None	ft				
					None	ft				
BORING NO.	T	W	S	Qu	T	S	H	S	Qu	T
BORING NO. <u>B-3b</u>										
Station <u>373+20</u>										
Offset <u>34.00ft Lt CL</u>										
Ground Surface Elev. <u>99.8</u> ft	(ft)	(6")	(std)	(%)	Groundwater Elev.:		(ft)	(6")	(std)	(%)
					First Encounter		64.3	ft	▼	
					Upon Completion		72.8	ft	▼	
					After			ft		
Asphalt					MEDIUM tan fine SAND					
MEDIUM brown fine SAND							9			
							11			
							77.80			
MEDIUM tan fine SAND					DENSE gray fine SAND					
		7					12			
		9					17			
		7					18			
							74.80			
Same as above					MEDIUM black SILTY LOAM					
		7					5			
		8					2	0.6	28	
		10					4	S		
							72.80			
Same as above					STIFF blue CLAY					
		6					0			
		5					2	1.4	32	
		7					3	B		
							70.30			
MEDIUM tan fine SAND with a SANDY LOAM lens					MEDIUM tan/gray SILTY CLAY					
		10					1			
		10					2	0.7	35	
		11					3	B		
							67.80			
MEDIUM tan fine SAND					MEDIUM gray SILTY CLAY					
		2					0			
		8					1	0.5	32	
		12					2	B		
							64.80			
Same as above					VERY DENSE brown river SAND & GRAVEL					
		8					1			
		10					5			
		12					48			
							62.80			
Same as above					DENSE tan SANDY GRAVEL with LIMESTONE fragments					
		10					32			
		12					27			
		14					22			
							59.80			

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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BORING NO.	T	W	S	Qu	T	S	H	S	Qu	T
BORING NO. <u>B-3b</u>										
Station <u>373+20</u>										
Offset <u>34.00ft Lt CL</u>										
Ground Surface Elev. <u>99.8</u> ft	(ft)	(6")	(std)	(%)	Groundwater Elev.:		(ft)	(6")	(std)	(%)
					First Encounter		64.3	ft	▼	
					Upon Completion		72.8	ft	▼	
					After			ft		
MEDIUM gray/blue CLAY TILL							10			
							13			21
							15			
							57.30			
VERY DENSE gray weathered LIMESTONE under blue CLAY							3			
							100/3"			
							55.30			
Auger Refusal							53.80		100/2"	
End of Boring									PEN	

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BBS, from 137 (Rev. 8-99)

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DESIGNED
CHECKED
DRAWN
CHECKED



SOIL BORINGS 2
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 18th AVENUE
FAP ROUTE 308 SEC. 1(HB-1)R
ROCK ISLAND COUNTY
STATION 1517+79.41
STRUCTURE NO. 081-0171