

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 27
F.A.P. 308	*	ROCK ISLAND	210	III	31 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

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

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

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Date 4/26/04

ROUTE FAP 308 DESCRIPTION F-92-044-02 IL 92 bridge (Centennial Expressway) over 31st Avenue LOGGED BY C. Jenkins

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

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

STRUCT. NO. Station	D E P T H H	B L O S S S	U C S Q _u	M O S T	Surface Water Elev. Stream Bed Elev.	None None	ft	D E P T H H	B L O S S S	U C S Q _u	M O S T	ft	D E P T H H	B L O S S S	U C S Q _u	M O S T	
																	(ft)
BORING NO. <u>B-2c</u> Station <u>421+06</u> Offset <u>65.00ft Rt CL</u> Ground Surface Elev. <u>80.5</u>					Groundwater Elev.: First Encounter <u>70.0</u> Upon Completion <u>Wash</u> After <u>Hrs.</u>												
MEDIUM tan fine SAND					LOOSE tan fine to medium grained SAND												
DENSE gray fine grained SAND					LOOSE tan SAND & GRAVEL												
STIFF brown/tan SANDY LOAM with GRAVEL lenses					VERY LOOSE tan SAND & GRAVEL												
MEDIUM black/gray SANDY GRAVEL					Begin Wash MEDIUM tan/brown SAND & GRAVEL												
MEDIUM gray/black dirty SAND & GRAVEL					Wash MEDIUM tan/brown SAND & GRAVEL with LIMESTONE fragments												
MEDIUM gray SILTY CLAY					Wash MEDIUM tan medium grained SAND												
LOOSE tan/gray fine grained SAND					LOOSE tan SAND & GRAVEL												
LOOSE tan/gray fine grained SAND					Wash MEDIUM tan SAND & GRAVEL with LIMESTONE fragments												

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

STRUCT. NO. Station	D E P T H H	B L O S S S	U C S Q _u	M O S T	Surface Water Elev. Stream Bed Elev.	None None	ft	D E P T H H	B L O S S S	U C S Q _u	M O S T	ft	D E P T H H	B L O S S S	U C S Q _u	M O S T	
																	(ft)
BORING NO. <u>B-2c</u> Station <u>421+06</u> Offset <u>65.00ft Rt CL</u> Ground Surface Elev. <u>80.5</u>					Groundwater Elev.: First Encounter <u>70.0</u> Upon Completion <u>Wash</u> After <u>Hrs.</u>												
Wash HARD gray SANDY CLAY TILL																	
Wash Same as above																	
DENSE tan SAND & GRAVEL																	
Wash VERY DENSE gray SHALE Auger Refusal End of Boring																	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

SOIL BORINGS 2
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 31st AVENUE
FAP ROUTE 308 SEC. I(HB-2)R
ROCK ISLAND COUNTY
STATION 1470+70.31
STRUCTURE NO. 081-0172 (SB)
STRUCTURE NO. 081-0173 (NB)

DESIGNED
CHECKED
DRAWN
CHECKED

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