



Illinois Department of Transportation
Division of Highways
Wang Engineering

SOIL BORING LOG

Page 1 of 1

Date 8/28/07

ROUTE FA 74/280 DESCRIPTION P92-063-07 I-280 Bridge over Coal Creek, .75 m. E. of I-74 LOGGED BY W. Garza
SECTION 81-3BR LOCATION Coal Valley Twp. - 22 NW, SEC., TWP. 17N, RNG. 1W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
081-006 280+14.68						
BORING NO. <u>B-5</u> Station <u>280+81.69</u> Offset <u>59.00ft Lt CL</u> Ground Surface Elev. <u>573.96</u> ft						
4" Asphalt, 12" Concrete Shoulder						
STIFF brown SILTY CLAY LOAM	571.46	4	1.8	21.0		
	569.96	7	B			
STIFF brown SILTY LOAM	-5	4	1.8	13.0		
	567.46	11	P			
MEDIUM dark gray SANDY LOAM		3	0.5	14.0		
	564.46	7	P			
LOOSE gray fine SAND	-10	4				
	562.46	5				
VERY LOOSE gray dirty fine SAND		2				
	559.96	2				
MEDIUM gray fine SAND with LIMESTONE bottom 4"	-15	1				
	557.46	13				
Borehole continued with rock coring.						
	-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)



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SECTION 81-3BR LOCATION Coal Valley Twp. - 22 NW, SEC., TWP. 17N, RNG. 1W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
081-005 280+14.68						
BORING NO. <u>B-6</u> Station <u>279+60.69</u> Offset <u>65.00ft Rt CL</u> Ground Surface Elev. <u>573.96</u> ft						
4" Asphalt, 9.5" Concrete MEDIUM tan SILTY LOAM			0.8	13.0		553.46
VERY STIFF tan SILT	571.96	6				
	570.46	7	2.1	18.0		
		7	P			
MEDIUM tan SILTY LOAM	-5	1				-25
	567.96	3	0.7	22.0		
		4	B			
STIFF tan SILTY LOAM		4				
	565.46	6	1.8	16.0		
		9	P			
STIFF tan SILTY LOAM	-10	3				-30
	562.96	5	1.2	19.0		
		6	S			
VERY SOFT gray SILTY LOAM		1				
	560.46	1	0.0	25.0		
		2	P			
MEDIUM gray SILTY LOAM with SAND lens	-15	1				-35
	557.46	2	1.0	16.0		
		8	S			
Wash VERY DENSE light gray weathered LIMESTONE		100/1"				
	555.46					
	-20	100/1"				-40

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)

3/19/2013 2:42:33 PM 0810194_64D23_03B_Boring_03.dgn



DESIGNED - --	REVISED -
CHECKED - --	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 081-0194 (E.B.) & NO. 081-0195 (W.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74/280	81-3BR	ROCK ISLAND	290	201
CONTRACT NO. 64D23				
ILLINOIS FED. AID PROJECT				

SHEET NO. 38 OF 38 SHEETS