

LOG OF BORING																
Date Started <u>2-11-72</u>		Sampler Type <u>SS</u>		Dia. <u>1 3/8"</u>		Water Elev. <u>757.7'</u>										
Date Completed <u>2-15-72</u>		Casing Length <u>7'</u>		Dia. <u>3 1/2"</u>												
Boring No. <u>B-1</u>		Station & Offset: <u>94+24.33' LT. (REAR ABUTMENT)</u>														Surface Elev. <u>762.7'</u>
Elev.	Depth	Std. Pen (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics								SHTL Class.	
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.		
762.7	0	4 1/4 50/			BROWN SANDY SILT BROWN SANDY GRAVELLY CLAY SHALE	1 2	11 29	9 7	23 10	33 36	24 18	27 33	10 14	19 28	A-4a A-6a	
760.2	2															
757.7	4															
757.2	6															
755.7	8		2.9	0.1	SHALE, DARK-GRAY AND GRAY, FIRM, CARBONACEOUS AND FISSILE-IN-PART, BROKEN AND JOINTED. CORE LOSS 5%.											
	10															
	12															
	14															
	16	4.7	0.3													
	18															
742.7	20															
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Date Started		1-10-72		Sampler Type		SS		Dia.		1 3/8"		Water Elev.				755.9'			
Date Completed		1-11-72		Casing Length		13'		Dia.		3 1/2"									
Boring No.		B-11		Station & Offset		97+74.27' LT.		(FIFTH PIER)						Surface Elev.				767.9'	
Elev.	Depth	Std. Pen (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics								SHTL Class.				
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.					
767.9	0				BROWN SILTY SANDY GRAVEL														
765.4	2																		
762.9	4	3/2					1	46	24	6	13	11	NP	NP	15		A-1-b		
760.4	6	4/2					2	36	6	17	19	22	27	10	24		A-4a		
757.9	8	2/2			BROWN SANDY SILT	3	2	3	18	45	32	26	10	23		A-4a			
754.4	10	8/11			GRAY GRAVELLY SILT	4	39	7	5	36	13	25	7	14		A-4a			
752.9	12	30/-			TOP OF WEATHERED ROCK														
752.9	14				GRAY WEATHERED SHALE	5	44	18	7	3	3	NP	NP	6		VISION			
	16		1.0	1.0	CLAY SHALE, DARK-GRAY, FIRM, CARBONACEOUS, FISSILE, BROKEN AND JOINTED. CORE LOSS 8%.														
	18																		
	20		5.0	0.0															
	22																		
	24		5.0	0.0															
742.9	26																		

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Date Started <u>1-12-72</u>		Sampler Type <u>SS</u>		Dia. <u>1 3/8"</u>		Water Elev. <u>758.8'</u>									
Date Completed <u>1-12-72</u>		Casing Length <u>13'</u>		Dia. <u>3 1/2"</u>											
Boring No. <u>B-16</u>		Station & Offset <u>100+70.20' RT. (FORWARD ABUTMENT)</u>		Surface Elev. <u>766.8'</u>											
Elev.	Depth	Std. Pen (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics								SHTL Class.
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	
766.8	0														
764.3	2														
761.8	4	4/4			BROWN SANDY SILT	1	0	2	57	26	15	NP	NP	27	A-4a
759.3	6	4/4			BROWN SANDY SILT	2	10	9	20	40	21	25	9	27	A-4a
756.8	8	3/3			BROWN SANDY SILT	3	8	10	15	32	35	28	10	22	A-4a
754.3	10	8/10			GRAY SILTY SANDY GRAVEL	4	36	14	11	15	24	23	6	12	A-4a
753.8	12	30/-			TOP OF WEATHERED ROCK										
	14		2.0	0.0	GRAY WEATHERED SHALE										
	16				TOP OF ROCK										
	18		4.8	0.2	CLAY SHALE, DARK-GRAY, FIRM, CARBONACEOUS, FISSILE, BROKEN AND JOINTED.										
	20				CORE LOSS 2%.										
	22		5.0	0.0											
741.8	24														
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OHIO DEPARTMENT OF HIGHWAYS TESTING LABORATORY 1620 WEST BROAD STREET, COLUMBUS 23, OHIO			
STRUCTURE FOUNDATION INVESTIGATION BRIDGE NO. CUY-480-1536 UNDER RELOCATED SR 176 SEC. CUY-480-15.22			
BORING DATA			
TYPED BY S. A. J.	CHECKED BY R. D. R.	REVIEWED BY G. P. H.	DATE 3/7/72