

LOG OF BORING  
Date Started 1-11-66 Sampler Type SS Dia 1 3/8" Water Elev. \_\_\_\_\_  
Date Completed 1-12-66 Casing Length 10' Dia 3 1/2"  
Boring No. B-A Station & Offset 446+74, 145' Rt. (Retaining Wall) Surface Elev. 786.1'

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.						
786.1	0																			
781.1	6	11/13			Brown Sandy Silt	1	13	10	14	27	36	27	18	15	A-4a					
778.6	8	12/21			Gray Gravelly Sandy Silt	2	16	6	11	27	40	26	9	13	A-4a					
776.1	10	12/20			Gray Gravelly Silt	3	26	5	9	26	34	27	9	15	A-4a					
773.6	14	14/20			Gray Sandy Silt	4	10	5	9	38	38	29	10	15	A-4a					
771.1	16	11/17			Gray Sandy Silt	5	13	6	8	28	45	27	9	18	A-4a					
768.6	18	27/38			Gray Gravelly Sandy Silt	6	16	11	23	31	19	NP	NP	11	A-4a					
766.1	20	21/35			Gray Gravelly Sandy Silt	7	15	7	11	38	29	23	6	11	A-4a					
763.6	24	23/36			Gray Sandy Gravelly Silt	8	18	7	10	36	29	22	5	12	A-4a					
761.1	28	25/30			Gray Sandy Silt	9	13	10	14	37	26	21	3	11	A-4a					
756.1	30	25/33			Gray Sandy Silt	10	13	8	8	42	29	23	5	14	A-4a					
751.1	36	41/50			Gray Sandy Gravelly Silt	11	24	7	8	32	29	25	7	16	A-4a					
746.1	40	22/32			Gray Gravelly Silt	12	14	7	7	35	37	27	8	15	A-4a					
BOTTOM OF BORING																				

LOG OF BORING  
Date Started 1-4-66 Sampler Type SS Dia 1 3/8" Water Elev. \_\_\_\_\_  
Date Completed 1-5-66 Casing Length \_\_\_\_\_ Dia \_\_\_\_\_  
Boring No. B-7 Station & Offset 450+98, 30' Rt. (Third Pier) Surface Elev. 795.7'

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.						
795.7	0																			
790.7	6	10/13			Brown Silt and Clay	1	0	4	13	55	28	36	15	18	A-6a					
785.7	10	4/5			Brown Sandy Silt	2	0	2	44	23	31	24	9	20	A-4a					
780.7	16	12/25			Brown Sandy Silt	3	11	11	10	30	38	26	2	15	A-4a					
775.7	20	12/20			Gray Sandy Silt	4	11	7	11	28	43	26	9	15	A-4a					
770.7	26	20/52			Gray Sandy Silt	5	12	12	8	25	43	28	9	15	A-4a					
768.2	28	29/34			Gray Sandy Silt	6	9	9	9	36	37	25	9	12	A-4a					
765.7	30	30/37			Gray Sandy Gravelly Silt	7	21	7	8	33	31	26	9	11	A-4a					
763.2	34	24/47			Gray Sandy Silt	8	7	10	10	38	35	24	7	12	A-4a					
760.7	36	31/43			Gray Gravelly Sandy Silt	9	16	7	9	36	32	26	9	12	A-4a					
758.2	38	23/40			Gray Gravelly Sandy Silt	10	16	9	8	38	29	24	5	10	A-4a					
755.7	40	20/38			Gray Sandy Silt	11	10	6	9	37	38	25	8	14	A-4a					
753.2	44	29/38			Gray Sandy Silt	12	10	10	11	38	31	24	7	13	A-4a					
750.7	46	50/*			Gray Sandy Silt	13	11	10	11	38	30	23	6	9	A-4a					
748.2	48	31/50			Gray Sandy Silt	14	10	8	9	37	36	26	9	12	A-4a					
745.7	50	26/30			Gray Sandy Clay	15	8	6	8	39	39	28	22	12	A-6a					
740.7	56	26/36			Gray Clayey Silt	16	6	6	7	37	44	28	9	13	A-4a					
735.7	60	27/39			Gray Gravelly Silt	17	12	5	6	31	46	29	9	15	A-4a					
BOTTOM OF BORING *REFUGAL																				

LOG OF BORING  
Date Started 12-21-65 Sampler Type SS Dia 1 3/8" Water Elev. \_\_\_\_\_  
Date Completed 12-22-65 Casing Length \_\_\_\_\_ Dia \_\_\_\_\_  
Boring No. B-12 Station & Offset 453+25, 48' Lt. (Forward Abutment) Surface Elev. 790.3'

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.						
790.3	0																			
785.3	6	6/10			Brownish-Gray Gravelly Clay	1	40	3	8	19	30	32	11	21	A-6a					
782.8	8	10/16			Brownish-Gray Gravelly Clay	2	17	4	9	28	42	28	11	18	A-6a					
780.3	10	18/20			Gray Gravelly Clay	3	42	5	7	18	28	30	12	18	A-6a					
777.8	14	14/21			Gray Gravelly Sandy Silt	4	18	8	11	26	37	27	9	15	A-4a					
775.3	16	12/23			Gray Clayey Silt	5	0	9	8	35	48	25	8	15	A-4a					
772.8	18	13/21			Gray Gravelly Silt	6	27	5	8	23	37	26	9	16	A-4a					
770.3	20	10/24			Gray Silty Gravel	7	49	5	8	21	17	20	5	16	A-4a					
767.8	22	12/23			Gray Gravelly Silt	8	34	5	7	20	34	26	8	18	A-4a					
765.3	26	28/41			Gray Gravelly Silt	9	23	6	9	33	29	20	4	10	A-4a					
760.3	30	50* (.07)			Gray Gravelly Silt	10	31	5	7	29	28	23	6	12	A-4a					
755.3	36	21/33			Gray Silt	11	0	7	11	41	41	22	5	12	A-4a					
750.3	40	50* (0.7')			Gray Sandy Silt	12	0	12	14	35	39	20	5	11	A-4a					
745.3	46	20/30			Gray Gravelly Silt	13	22	6	6	30	36	25	9	24	A-4a					
740.3	50	25/30			Gray Gravelly Silt	14	22	5	9	34	30	22	6	14	A-4a					
BOTTOM OF BORING *REFUGAL																				

LOG OF BORING  
Date Started 1-12-66 Sampler Type SS Dia 1 3/8" Water Elev. \_\_\_\_\_  
Date Completed 1-13-66 Casing Length 15' Dia 3 1/2"  
Boring No. B-1 Station & Offset 448+97, 47' Lt. (First Pier) Surface Elev. 789.2'

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.						
789.2	0																			
784.2	6	7/10			Brown Sandy Clay	1	11	5	10	33	44	31	12	19	A-6a					
779.2	10	7/17			Gray Sandy Silt	2	14	7	11	33	35	25	9	13	A-4a					
776.7	14	10/16			Gray Sandy Silt	3	11	7	11	33	38	25	9	13	A-4a					
774.2	16	12/17			Gray Sandy Clay	4	9	6	9	31	45	30	14	14	A-6a					
771.7	18	13/19			Gray Sandy Clay	5	15	7	7	32	39	29	12	15	A-6a					
769.2	20	19/29			Gray Gravelly Sandy Silt	6	18	13	18	30	21	18	3	11	A-4a					
766.7	24	23/31			Gray Sandy Silt	7	10	7	12	52	19	23	6	10	A-4b					
764.2	26	24/30			Gray Gravelly Sandy Silt	8	16	7	11	38	28	22	5	13	A-4a					
761.7	28	23/27			Gray Sandy Gravelly Silt	9	21	10	10	33	26	21	5	12	A-4a					
759.2	30	27/31			Gray Gravelly Silt	10	41	6	6	26	21	23	7	11	A-4a					
756.7	34	29/33			Gray Sandy Silt	11	14	8	8	39	31	24	8	19	A-4a					
754.2	36	30/30			Gray Gravelly Silt	12	18	6	8	37	31	24	7	13	A-4a					
749.2	42	19/23			Gray Gravelly Silt	13	17	5	6	36	36	27	9	14	A-4a					
744.2	46	22/30			Gray Gravelly Clay	14	14	5	7	35	39	27	11	13	A-6a					
739.2	50	25/31			Gray Gravelly Silt	15	24	4	5	30	37	27	9	13	A-4a					
734.2	54	32/37			Gray Gravelly Silt	16	25	4	5	31	35	28	9	18	A-4a					
BOTTOM OF BORING																				

OHIO DEPARTMENT OF HIGHWAYS  
TESTING LABORATORY  
1620 WEST BROAD STREET, COLUMBUS 23, OHIO

STRUCTURE FOUNDATION INVESTIGATION  
BRIDGE NO. CUY-IR80-0806 & 0807  
OVER SR237 & RAMPS B-1 & B-5  
SR 237 OVER RAMPS B-1 & B-5  
SEC. CUY-IR 80-

BORING DATA

TYPED BY J.M.S.	CHECKED BY R.C.	REVIEWED BY R.D.R.	DATE 1/25/66
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