

MICROFILMED  
DEC 11 1984

**LOG OF BORING**

Date Started 9-21-65 Sample Type SS Dia. 1 3/8"  
 Date Completed 9-21-65 Casing Length 30' Dia. 3 1/2"  
 Boring No. B-5 Station & Offset 995+60, CL Water Elev. 636.6'  
 Surface Elev. 636.6'

Elev.	Depth	Sig. Pen. (ft.)	Rec. Loss (ft.)	Description	Sample No.	Physical Characteristics									
						% App. C.S.	% F.S.	% S.S.	% Sh.	% Sil.	% Clay	L.L.	P.I.	W.C.	
636.6	0	FS		Brown Silty Clay	1B	-	-	-	-	-	-	40	18	26	
634.1	2	5/5		Grayish-Brown Sandy Clay	1	9	13	16	29	33	34	15	14		
631.6	4	FS		Brown Silt	2B	-	-	-	-	-	29	7	21		
629.1	6	5/6		Brownish-Gray Clayey Silt	2	0	1	1	61	37	26	7	25		
626.6	8	FS		Gray Silt	3B	-	-	-	-	-	-	-	-	23	
624.1	10	6/8		Gray Silt	3	0	0	0	71	29	27	27	27		
621.6	12	FS		Gray Sandy Silt	4B	-	-	-	-	-	-	-	-	26	
619.1	14	5/4		Gray Clayey Silt	4	0	0	0	57	43	25	7	25		
616.6	16	FS		Gray Clay	5B	-	-	-	-	-	45	20	21		
614.1	18	4/6		Gray Silt and Clay	5	0	1	2	32	65	39	15	28		
611.6	20	FS		Gray Clayey Silt	6B	0	1	1	50	48	26	7	25		
609.1	22	7/11		Gray Silt	6	0	0	0	59	41	28	6	23		
606.6	24	FS		Gray Silty Clay	7B	0	1	1	41	57	30	9	22		
604.1	26	6/6		Gray Silt and Clay	7	0	1	0	52	47	31	11	21		
601.6	28	FS		Gray Clayey Silt	8B	-	-	-	-	-	33	10	28		
599.1	30	4/7		Gray Silty Clay	8	-	-	-	-	-	25	12	22		
596.6	32	FS		Gray Silt and Clay	9	0	5	7	34	54	29	11	18		
594.1	34	13/17		Gray Gravelly Clay	10	26	6	5	28	35	30	11	20		
591.6	36	12/20		Gray Sandy Clay	11	0	13	8	28	51	32	14	28		
589.1	38	14/20		Gray Gravelly Clay	12	19	4	6	25	46	33	14	28		
586.6	40	12/18		Gray Silt and Clay	13	11	2	4	35	46	32	12	28		
584.1	42	16/20		Gray Clayey Silt	14	0	3	5	40	52	31	10	28		
581.6	44	16/20		Gray Silt and Clay	15	0	1	2	44	53	33	14	28		
579.1	46	FS		Gray Silt	16	0	2	4	66	28	25	6	28		

BOTTOM OF BORING

**LOG OF BORING**

Date Started 9-21-65 Sample Type SS Dia. 1 3/8"  
 Date Completed 9-21-65 Casing Length 30' Dia. 3 1/2"  
 Boring No. B-5 Station & Offset 1000+45, CL Water Elev. 599.1'  
 Surface Elev. 599.1'

Elev.	Depth	Sig. Pen. (ft.)	Rec. Loss (ft.)	Description	Sample No.	Physical Characteristics									
						% App. C.S.	% F.S.	% S.S.	% Sh.	% Sil.	% Clay	L.L.	P.I.	W.C.	
599.1	0	FS		Brown Sandy Clayey Silt, Trace of Roots	1B	-	-	-	-	-	-	27	8	21	
597.6	2	3/4		Brown Silty Clay	1	0	3	5	49	43	40	17	31		
594.1	4	FS		Reddish Brown and Gray Sandy Silt and Clay	2B	0	10	17	45	28	30	11	23		
592.6	6	6/6		Brown Silt and Clay	2	0	9	8	46	37	35	15	27		
590.1	8	FS		Brown Clayey Silt	3B	0	8	1	68	31	31	8	31		
587.6	10	3/4		Brown Clayey Silt	3	0	5	9	60	26	28	9	26		
584.1	12	FS		Gray Silt, Trace of Organic	4B	0	5	4	62	29	30	5	32		
582.6	14	2/2		Gray Silt and Clay, Slightly Organic	4	0	1	18	22	59	35	12	34		
580.1	16	FS		Gray Sandy Clay, Slightly Organic	5B	0	1	53	29	17	46	19	38		
577.6	18	3/3		Blackish-Brown Organic Clayey Silt	5	0	1	1	68	30	28	7	35		
574.1	20	FS		No Sample Recovered, Blackish-Brown Organic Clayey Silt (No. 1)	6	1	8	1	5	11	1	1	34		
571.6	22	10/12		Gray Silt and Clay	6	0	2	6	37	55	25	11	26		
569.1	24	10/15		Gray Silt and Clay	7	0	1	2	50	47	29	11	20		
566.6	26	14/22		Gray Silt and Clay	8	0	2	2	44	52	30	12	20		
564.1	28	14/16		Gray Silt and Clay	9	0	2	3	39	56	31	11	21		
561.6	30	12/15		Gray Silt and Clay	10	0	1	3	46	54	30	11	21		
559.1	32	11/16		Gray Clayey Silt	11	0	0	1	54	45	26	7	28		
556.6	34	9/11		Gray Silt and Clay	12	0	1	1	37	61	36	14	28		
554.1	36	11/15		Gray Silt and Clay	13	0	0	1	38	61	36	13	27		
551.6	38	12/18		Gray Silt and Clay	14	0	0	0	47	53	29	11	26		
549.1	40	9/10		Gray Clayey Silt	15	0	0	0	44	56	50	10	24		
546.6	42	9/11		Gray Silt	16	0	0	1	68	31	29	4	28		
544.1	44	10/11		Gray Silt	17	0	0	0	70	30	27	23			
541.6	46	10/10		Gray Silt	18	0	0	3	66	31	27	24			
539.1	48	6/9		Gray Silt	19	0	0	0	60	40	27	21			
536.6	50	10/12		Gray Silt	20	0	0	0	4	73	23	23			
534.1	52	12/13		Gray Silt	21	0	0	4	63	33	27	25			
531.6	54	16/22		Gray Silt	22	0	1	2	51	46	27	24			
529.1	56	12/13		Gray Clayey Silt	23	0	0	3	46	51	25	6	24		
526.6	58	16/20		Gray Silt	24	12	0	3	62	23	27	22			
524.1	60	18/25		Gray Silt and Clay	25	0	0	1	38	61	34	13	22		
521.6	62	22/47		Gray Gravelly Silt	26	22	2	3	38	35	28	10	20		
519.1	64	24/41		Gray Clayey Silt	27	9	1	1	19	40	26	8	20		

BOTTOM OF BORING

CUY - 480 - 18.43 P.7.1

17  
33

Revised 8/23/68

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

STRUCTURE FOUNDATION INVESTIGATION  
 BRIDGE NO. CUY-IR 80-1843 L/R  
 OVER CUYAHOGA RIVER VALLEY  
 CUY-IR 80-18.43

BORING DATA B-4, B-5

TYPED BY: S. A. J. CHECKED BY: R. D. R. REVIEWED BY: G. P. H. DATE: 10/27/65