

**LOG OF BORING**

Date Started 6-20-68 Sampler Type SS Dia. 1 3/8" Water Elev. \_\_\_\_\_  
 Date Completed 6-21-68 Casing Length 25' Dia. 1 1/2" Surface Elev. \_\_\_\_\_  
 Boring No. B-3 Station & Offset 8+70, 50' Rt. (First Pier) Surface Elev. 749.7'

Elev.	Depth	Sd	Pen	Pac	Loss	Description										SMTL	
						No.	W.C.	U.	L.	P.	W.C.	U.	L.	P.	W.C.		
749.7	0																
744.7	5	6/4				1	18	9	13	25	35	32	14	27	A-6a		
739.7	10	5/5				2	36	8	5	21	30	-	-	20	-		
734.7	15	7/7				3	15	6	5	26	48	42	17	21	A-7-6		
729.7	20	5/5				4	8	6	6	42	38	NP	NP	27	A-4a		
724.7	25	8/8				5	0	1	1	35	63	33	11	22	A-6a		
719.7	30	8/11				6	0	1	1	44	54	32	11	23	A-6a		
714.7	35	13/15				7	0	0	1	37	62	39	15	36	A-6a		
712.2	38	10/13				8	0	1	2	41	56	36	10	22	A-4a		
709.7	40	11/15				9	0	1	2	34	63	42	18	24	A-7-6		
707.2	42	10/12				10	0	1	2	41	56	39	15	23	A-6a		
704.7	46	10/12				11	0	1	2	43	54	40	17	24	A-6b		
702.2	48	50*				12	0	1	3	35	61	37	13	22	A-6a		
700.7	50	0.3	1.0			TOP OF ROCK											
52						Shale, light gray, hard, fissile silty in part, good recovery. Core Loss 0%.											
54		4.6	0.4														
56																	
58		5.0	0.0														
689.7	60					BOTTOM OF BORING											

**LOG OF BORING**

Date Started 6-24-68 Sampler Type SS Dia. 1 3/8" Water Elev. \_\_\_\_\_  
 Date Completed 6-26-68 Casing Length 25' Dia. 1 1/2" Surface Elev. \_\_\_\_\_  
 Boring No. B-4 Station & Offset 12+04, 29' Rt. (First Pier) Surface Elev. 762.3'

Elev.	Depth	Sd	Pen	Pac	Loss	Description										SMTL		
						No.	W.C.	U.	L.	P.	W.C.	U.	L.	P.	W.C.			
762.3	0																	
757.3	5	22/23				1	9	8	54	14	15	NP	NP	12	A-3a			
752.3	10	15/12				2	8	5	58	15	14	NP	NP	11	A-3a			
747.3	15	12/10				3	11	8	46	19	16	NP	NP	17	A-3a			
742.3	20	8/7				4	-	-	-	-	-	-	-	22	Visual			
737.3	25	25/15				5	45	7	18	15	15	-	-	11	A-2-4			
732.3	30	14/15				6	40	2	5	20	33	38	18	21	A-6b			
727.3	35					TOP OF WEATHERED ROCK												
727.0	36	(0.3')				Shale, dark-gray, fissile, silty, hard. Core Loss 54.5.**												
42						2.4	2.3											
44						2.0	3.0											
46						0.3	4.7											
48						0.3	4.7											
50						4.3	0.7											
707.3	60					BOTTOM OF BORING												

\* Gray Weathered Shale 7 37 10 8 22 23 34 13 15 Visual  
 \*\* High core loss due to mechanical difficulties encountered between 45' and 50'.  
 \*\*\* Refusal

**LOG OF BORING**

Date Started 6-18-68 Sampler Type SS Dia. 1 3/8" Water Elev. \_\_\_\_\_  
 Date Completed 6-19-68 Casing Length 25' Dia. 1 1/2" Surface Elev. \_\_\_\_\_  
 Boring No. B-12 Station & Offset 11+80, 20' Lt. (First Pier) Surface Elev. 757.6'

Elev.	Depth	Sd	Pen	Pac	Loss	Description										SMTL	
						No.	W.C.	U.	L.	P.	W.C.	U.	L.	P.	W.C.		
757.6	0																
752.6	5	9/11				1	0	3	9	48	40	26	9	18	A-4a		
747.6	10	11/8				2	0	0	3	72	25	NP	NP	20	A-4b		
742.6	15	16/18				3	0	0	7	72	21	NP	NP	20	A-4b		
737.6	20	50* (0.4')				Gray Sandy Silt (Wash Sample)											
732.6	25	50* (0.4')				Gray Sandy Silt											
727.6	30	3.7	1.3			TOP OF ROCK											
32		4.7	0.3			Shale, dark-gray, hard, firm, very fissile, few angle fractures. Core Loss 4%.											
34		4.7	0.3														
42		4.8	0.2														
44		5.0	0.0														
46																	
48																	
707.6	60					BOTTOM OF BORING											

\* Refusal

Revised 9-2-69

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

**STRUCTURE FOUNDATION INVESTIGATION**  
BRIDGE NO. CUY-80-1585 & 1593  
UNDER GRANGER RD. (SR 17) & TUXEDO AVE.  
SEC. CUY-80-15.81

**BORING DATA**

TYPED BY S.A.J.	CHECKED BY R.C.	REVIEWED BY R.D.R.	DATE 8/14/68
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