

**LOG OF BORING**

Date Started 3-8-72 Sampler Type SS Dia. 1 3/8" Water Elev. \_\_\_\_\_  
 Date Completed 3-10-72 Casing Length 30' Dia. 3 1/2"  
 Boring No. B-2 Station & Offset 536+80, 63' RT. (NEAR ABUTMENT) Surface Elev. 767.4'

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.							
767.4	0																				
	2																				
	4																				
762.4	6	5/7			BROWN SILTY SAND	1	0	6	71	14	9	HP	HP	20						A-3a	
	8																				
757.4	10	4/5			GRAY SILT	2	1	1	2	68	28	21	6	16						A-4b	
	12																				
	14																				
752.4	16	5/8			GRAY CLAYEY SILT	3	2	2	8	56	32	23	8	17						A-4b	
	18																				
747.4	20	7/8			GRAY SILT	4	0	0	7	79	14	HP	HP	25						A-4b	
	22																				
	24																				
742.4	26	5/9			GRAY SILT AND CLAY	5	2	2	2	24	70	34	13	24						A-6a	
	28																				
737.4	30				NO SAMPLE RECOVERED																
735.4	32				TOP OF ROCK																
	34		3.9	1.1	SHALE, DARK-GRAY, MEDIUM-FIRM, CARBONACEOUS, FISSILE WITH THICK CLAY STRAINS, GENERALLY VERY BADLY BROKEN AND JOINTED. CORE LOSS 25%.																
	36																				
	38		3.9	1.1																	
	40																				
726.4	42				SHALE, DARK-GRAY, FIRM, CARBONACEOUS AND FISSILE-IN-PART, BROKEN AND JOINTED. NO CORE LOSS.																
	44		5.0	0.0																	
	46																				
	48		5.0	0.0																	
	50																				
	52		5.0	0.0																	
	54																				
	56																				
	58		5.0	0.0																	
707.4	60																				

BOTTOM OF BORING

**LOG OF BORING**

Date Started 3-10-72 Sampler Type SS Dia. 1 3/8" Water Elev. \_\_\_\_\_  
 Date Completed 3-15-72 Casing Length 25' Dia. 3 1/2"  
 Boring No. B-6 Station & Offset 538+48, 61' RT. (CENTER PIER) Surface Elev. 768.0'

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.							
768.0	0				BROWN SILTY SAND																
	2																				
	4																				
763.0	6	5/7			BROWNISH-GRAY SILT	1	2	3	10	55	30	26	10	19						A-4b	
	8																				
758.0	10	5/5			GRAY SILT	2	2	2	6	52	38	26	10	20						A-4b	
	12																				
	14																				
753.0	16	5/7			GRAY SILT, TRACE OF ORGANIC	3	0	1	13	62	24	HP	HP	19						A-4b	
	18																				
748.0	20	6/10			GRAY SANDY CLAY	4	7	6	9	36	42	29	11	24						A-6a	
	22																				
	24																				
743.0	26				TOP OF ROCK																
	28		4.7	0.3	CLAY SHALE, DARK-GRAY AND GRAY, FIRM, CARBONACEOUS AND FISSILE-IN-PART, WITH GRAY, FIRM, SANDSTONE INTERVALS AT 30.3' TO 31.2' AND SOME SCATTERED INTERVALS OF CLAY IN THE UPPER 15 FEET, GENERALLY BROKEN AND JOINTED WITH SOME BADLY BROKEN INTERVALS. CORE LOSS 4%.																
	30																				
	32		3.8	1.2																	
	34																				
	36																				
	38																				
	40																				
	42																				
	44		9.9	0.1																	
	46																				
	48		5.0	0.0																	
	50																				
	52		5.0	0.0																	
	54																				
	56																				
	58		5.0	0.0																	
708.0	60																				

BOTTOM OF BORING

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

**STRUCTURE FOUNDATION INVESTIGATION**  
BRIDGE NO. CUY-480-1565 & 1572  
IR 480 AND LANE OBE-JN  
UNDER CONRAIL RR  
SEC. CUY-480-15.22

**BORING DATA**

TYPED BY S.A.C.	CHECKED BY R.D.R.	REVIEWED BY G.P.H.	DATE 4/17/72
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