

MICROFILMED
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CUY-480-2140

LOG OF BORING

Date Started 5-1-68 Sampler Type SS Dia. 1 3/8"
Date Completed 5-2-68 Casing Length Dia. 3 1/2"
Boring No. B-1 Station & Offset 62+06.48' Rt. (Rear Abutment) Surface Elev. 900.3'

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.				
900.3	0																		
895.3	5	12/14			Brownish-Gray Sandy Silt	1	8	7	14	33	38	26	7	15	A-4a				
890.3	10	12/17			Gray Sandy Silt	2	13	8	19	33	27	25	8	14	A-4a				
885.3	15	8/11			Gray Sandy Silt	3	10	7	13	32	38	26	6	15	A-4a				
880.3	20	7/8			Gray Silty Clay	4	0	0	1	11	88	45	19	31	A-7-6				
875.3	25	7/7			Gray Silt and Clay	5	0	1	0	23	76	40	15	31	A-6a				
870.3	30	7/9			Gray Silt and Clay	6	0	0	1	28	71	39	14	30	A-6a				
865.3	35	8/10			Gray Silty Clay	7	0	0	1	16	83	44	20	31	A-7-6				
862.8	38	10/13			Gray Silty Clay	8	0	2	3	19	76	40	16	33	A-6b				
860.3	40	20/28			Gray Silt	9	0	1	4	36	39	23	4	18	A-4b				
857.8	43	50* (0.6')			Gray Sandy Silt	10	0	1	23	48	28	NP	NP	17	A-4a				
855.3	45	50*			Gray Gravelly Sandy Silt	11	17	6	27	30	20	NP	NP	14	A-4a				
852.8	48	50* (0.3')			Gray Gravelly Sandy Silt	12	V	I	S	U	A	L	9	-					
850.3	50	50*			Gray Sandy Silt	13	7	8	28	34	23	19	3	14	A-4a				
847.8	53	50*			Brownish-Gray Sandy Silt	14	8	12	17	30	33	27	8	14	A-4a				
845.3	55	50*			Gray Gravelly Sandy Silt	15	16	11	27	26	20	18	3	12	A-4a				
840.3	60	50*			Brownish-Gray Sandy Silt	16	6	6	30	37	21	22	7	13	A-4a				
835.3	65	50*			Gray Sandy Silt	17	14	9	19	32	26	20	5	10	A-4a				
832.8	68	*Refusal			BOTTOM OF BORING														

LOG OF BORING

Date Started 4-30-68 Sampler Type SS Dia. 1 3/8"
Date Completed 5-1-68 Casing Length 45' Dia. 3 1/2"
Boring No. B-1-4 Station & Offset 17+65.09' Lt. (Rear Abutment) Surface Elev. 896.9'

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.				
896.9	0																		
891.9	5	10/14			Brownish-Gray Gravelly Silt	1	16	4	10	20	50	32	10	20	A-4a				
886.9	10	11/18			Brownish-Gray Sandy Silt	2	12	5	11	25	47	29	9	14	A-4a				
884.4	12	10/16			No Sample Recovered - Large Stone Fragments														
881.9	14	19/13			Gray Gravelly Silt	3	23	6	5	21	45	32	4	18	A-4a				
879.4	16	4/6			Gray Silty Clay	4	0	1	1	16	82	40	17	29	A-6b				
876.9	18	4/4			Gray Silty Clay	5	0	1	0	18	81	44	19	30	A-7-6				
874.4	20	4/6			Gray Silt and Clay	6	0	1	1	17	81	40	14	31	A-6a				
871.9	22	4/4			Gray Silt and Clay	7	4	0	1	29	66	40	15	30	A-6a				
869.4	24	6/7			Gray Silty Clay	8	0	0	1	22	77	42	16	24	A-7-6				
866.9	26	8/10			Gray Sandy Silt	9	11	7	11	39	32	22	2	17	A-4a				
861.9	30	50* (0.9')			Brown Sandy Silt	10	2	2	47	35	14	NP	NP	14	A-4a				
856.9	34	50* (0.3')			Gray Sandy Silt	11	8	7	22	39	24	18	2	10	A-4a				
851.9	38	50*			Gray Gravelly Sandy Silt	12	V	I	S	U	A	L	8						
846.9	42	50* (0.8')			Gray Clayey Silt	13	4	1	6	45	44	30	8	13	A-4a				
841.9	46	15/24			Gray Gravelly Silt	14	17	3	11	39	34	27	9	17	A-4a				
836.9	50	50* (0.4')			Brown Silt	15	0	0	1	84	15	NP	NP	22	A-4b				
831.9	54	50*			Brown Silt	16	0	1	2	85	12	NP	NP	20	A-4b				
831.4	56	*Refusal			BOTTOM OF BORING														

LOG OF BORING

Date Started 5-3-68 Sampler Type SS Dia. 1 3/8"
Date Completed 5-7-68 Casing Length Dia. 3 1/2"
Boring No. B-8 Station & Offset 63+70.32' Lt. (Forward Abutment) Surface Elev. 900.7'

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.				
900.7	0																		
895.7	5	10/14			Brown Clay	1	7	2	5	21	65	44	21	20	A-7-6				
890.7	10	6/14			Brown Silt and Clay	2	0	2	7	24	67	36	13	24	A-6a				
885.7	15	18/25			Brown Sandy Gravelly Clay	3	27	6	11	21	35	28	12	17	A-6a				
880.7	20	11/11			Gray Gravelly Clay	4	15	3	2	14	66	45	19	24	A-7-6				
875.7	25	6/6			Gray Silty Clay	5	0	1	1	20	78	40	17	30	A-6b				
870.7	30	5/5			Gray Silty Clay	6	0	0	1	24	75	40	17	33	A-6b				
865.7	35	8/16			Gray Silt and Clay	7	0	0	3	44	53	28	11	21	A-6a				
863.2	38	10/18			Gray Silt	8	0	2	7	53	38	21	3	22	A-4b				
860.7	40	50* (0.7')			Gray Silty Sand	9	12	6	46	19	17	NP	NP	13	A-4a				
858.2	42	50*			Gray Gravel	10	V	I	S	U	A	L	13						
855.7	44	50*			Gray Silt and Clay	11	0	2	4	36	58	29	11	16	A-6a				
853.2	46	16/34			No Sample Recovered - Boulders (Driller's Description)		V	I	S	U	A	L							
850.7	50	50* (0.7')			Brown Silt and Clay	12	0	1	4	36	59	32	11	21	A-6a				
848.2	52	50* (0.6')			Brown Silt and Clay	13	0	4	7	26	63	35	14	17	A-6a				
845.7	54	50* (0.7')			Brown Gravelly Sandy Silt	14	15	12	16	29	28	22	7	12	A-4a				
840.7	60	50*			Gray Gravelly Sandy Silt	15	27	14	18	23	18	17	4	13	A-4a				
835.7	64	50*			Gray Gravelly Sandy Silt	16	V	I	S	U	A	L	11						
835.2	66	*Refusal			BOTTOM OF BORING														

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

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO. CUY-80-BEDFORD FWY &
RAMP B-OBS OVER Mc CRACKEN RD.
SEC.

BORING DATA

TYPED BY S.A.J. CHECKED BY G.P.H. REVIEWED BY R.D.R. DATE 6/10/68