

LOG OF BORING

Date Started 11-13-68 Sampler Type SS Dia. 1 3/8" Water Elev. _____
 Date Completed 11-14-68 Casing Length 25' Dia. 3 1/2"
 Boring No. B-1 Station & Offset 1215+97, 253' Rt. (Culvert) Surface Elev. 889.6'

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.						
889.6	0																			
	2																			
884.6	4				Brown Silty Sandy Gravel and Limestone Cobbles		V	I	S	U	A	L								
	6	11/5			Brown Silty Sandy Gravel	1	52	22	15	-11	-	NP	NP	17						A-1-a
882.1	8	6/8			Gray Silty Gravelly Sand	2	35	31	20	-14	-	NP	NP	18						A-1-b
879.6	10	5/6			Gray Silt and Clay	3	7	1	1	25	66	29	11	30						A-6a
877.1	12				Gray Silt	4	5	4	9	41	41	21	5	21						A-4a
874.6	14	6/11			Gray Sandy Gravelly Silt	5	29	7	10	28	26	23	7	13						A-4a
872.1	18	18/22			Gray Silty Sandy Gravel	6	38	10	23	19	10	NP	NP	11						A-2-4
869.6	20				Gray Silty Gravelly Sand	7	33	10	25	-32	-	NP	NP	13						A-2-4
	22	21/26																		
864.6	24				TOP OF ROCK															
	26				Sandstone, gray, soft (Driller's Description)															
859.6	30		5.0	0.0	Sandstone, gray, firm, very fine-grained, generally massive. No Core Loss.															
	32																			
	34																			
	36																			
	38		5.0	0.0																
	40																			
	42																			
	44		5.0	0.0																
844.6	44				BOTTOM OF BORING															

LOG OF BORING

Date Started 12-5-68 Sampler Type SS Dia. 1 3/8" Water Elev. _____
 Date Completed 12-5-68 Casing Length 20' Dia. 3 1/2"
 Boring No. B-5 Station & Offset 1219+64, 56' Rt. (Culvert) Surface Elev. 886.0'

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.						
886.0	0																			
	2																			
	4																			
881.0	6	21/24			Gray Silty Sandy Gravel	1	32	11	21	20	16	NP	NP	8						A-4a
	8																			
876.0	10				Cobbles	2														Visual
	12	50*/(0.3')																		
	14																			
871.0	16	50/*			Gray Silty Sandy Gravel	3	51	4	32	-13	-	NP	NP	11						A-1-b
	18																			
867.0	20		1.0	0.0	TOP OF ROCK															
	22				Sandstone, light-gray, firm, micaceous, argillaceous, carbonaceous, coarse-grained, thin to medium-bedded. Core Loss 20%.															
	24		3.7	1.3																
861.0	24				BOTTOM OF BORING															

LOG OF BORING

Date Started 11-14-68 Sampler Type SS Dia. 1 3/8" Water Elev. _____
 Date Completed 11-19-68 Casing Length 29' Dia. 3 1/2"
 Boring No. B-6 Station & Offset 1220+88, 112' Lt. (Culvert) Surface Elev. 897.7'

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.						
897.7	0																			
	2																			
	4				Brown Silty Sand and Sandstone Cobbles (Driller's Description)		V	I	S	U	A	L								
892.7	6	38*(0.7')			Brown Silty Sandy Gravel	1	48	22	12	-18	-	NP	NP	15						A-1-b
890.2	8	3/4			Gray Clay	2	0	2	3	16	79	42	20	27						A-7-6
887.7	10	5/5			Gray Clay	3	0	1	1	15	83	41	19	26						A-7-6
885.2	12				Gray Clay	4	0	1	3	39	57	30	11	26						A-6a
882.7	14	5/6			Gray Silt	5	0	1	4	51	44	26	8	18						A-4b
880.2	18	25/28			Gray Gravelly Sandy Silt	6	20	9	15	28	28	21	6	12						A-4a
877.7	20	29/33			Gray Silty Sandy Gravel	7	61	5	15	10	9	NP	NP	12						A-1-b
	22																			
873.4	24		0.7	1.3	Sandstone and Granitic Cobbles (Driller's Des.)		V	I	S	U	A	L								
	26				TOP OF ROCK															
	28		2.7	2.3	Sandstone, light-gray, firm, coarse-grained, thin-bedded with clay seams fine to medium-grained between 26 and 30 feet. Lenses of carbonaceous material from 30 feet to bottom of boring at 35 feet (fault located at 26 feet). Core Loss 32%.															
	30																			
	32																			
862.7	34		4.1	0.9	BOTTOM OF BORING															

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

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO. CUY-480-
OVER MILL CREEK LOWER RETENTION
BASIN SPILLWAY
SEC. CUY-480-22.16

BORING DATA

TYPED BY S.A.J.	CHECKED BY L.N.L.	REVIEWED BY R.D.R.	DATE 3/19/69
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