

LOG OF BORING

Date Started 9-21-65 Date Completed 9-22-65 Boring No. B-28
 Sampler Type SS Dia. 1 3/8" Casing Length 10' Dia. 3 1/2" Station & Offset 1038+92, 17' Rt.
 Surface Elev. 782.0'

Elev.	Depth	Sd. Pen. (ft)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics							SHTL Class.		
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.		W.C.	
782.0	0															
779.5	2	5/7			Brown Gravelly Clay	1	40	9	3	15	33	43	18	21		
777.0	4															
775.0	6	25/*			Brown Clay With Shale Fragments	2	24	5	2	22	47	PL	28	14		
	8		0.3	2.2	TOP OF ROCK											
	10		1.6	0.9	Shale, brown to gray, argillaceous and arenaceous, fissile, with many sandstone seams and stringers, very badly broken, moderately weathered in top 8.0' Core Loss 14%											
	12															
	14		3.2	1.8												
765.0	16															
	18		4.7	0.3	Sandstone, gray, fine-grained, massive, firm. Core Loss 5%											
	20															
	22															
	24		4.3	0.7												
	26															
	28															
	30		5.0	0.0												
	32															
	34		4.8	0.2	BOTTOM OF BORING											
747.0					*Refusal											

LOG OF BORING

Date Started 9-22-65 Date Completed 9-23-65 Boring No. B-29
 Sampler Type SS Dia. 1 3/8" Casing Length 10' Dia. 3 1/2" Station & Offset 1039+75, 100' Lt.
 Surface Elev. 788.8'

Elev.	Depth	Sd. Pen. (ft)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics							SHTL Class.		
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.		W.C.	
788.8	0															
786.3	2	4/7			Brown Sandy Silt	1	0	6	21	48	25	NP	NP	21		
783.8	4															
781.3	6	17/22			Reddish-Brown & Gray Silty Clay	2	0	0	2	42	56	44	17	16		
778.8	8	16/24			Brown & Gray Clay	3	0	1	6	37	56	47	21	17		
	10				TOP OF ROCK											
	12		1.0	1.5												
	14															
	16		1.0	1.5	Shale, gray, argillaceous and arenaceous, fissile, very badly broken, moderately weathered in top 5.0' with many sandstone seams and stringers. Core Loss 36%											
	18		1.9	0.6												
	20		2.4	0.1												
	22															
	24		2.0	3.0												
	26															
	28		4.6	0.4												
	30															
757.8	32		5.0	0.0	Sandstone, gray, fine-grained, massive, firm, slightly argillaceous. No Core Loss.											
	34															
	36															
	38															
748.8	40		5.0	0.0	BOTTOM OF BORING											

LOG OF BORING

Date Started 9-20-65 Date Completed 9-21-65 Boring No. B-30
 Sampler Type SS Dia. 1 3/8" Casing Length 10' Dia. 3 1/2" Station & Offset 1039+75, 125' Rt.
 Surface Elev. 789.2'

Elev.	Depth	Sd. Pen. (ft)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics							SHTL Class.		
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.		W.C.	
789.2	0															
786.7	2	7/8			Reddish-Brown & Gray Silt	1	0	4	3	55	38	NP	NP	23		
784.2	4															
781.7	6	7/15			Brown Silt	2	0	1	1	66	32	NP	NP	26		
779.2	8	8/12			Brown & Gray Silt & Clay	3	0	17	2	23	58	36	11	24		
	10				TOP OF ROCK											
	12		1.7	3.3	Shale, gray, argillaceous and arenaceous, fissile, with many sandstone seams and stringers, very badly broken, moderately weathered in top 5.0' Core Loss 34%											
	14															
	16		4.1	0.9												
	18															
	20															
	22		3.9	1.1												
764.2	24															
	26		4.8	0.2	Sandstone, gray, fine-grained, massive, slightly argillaceous, firm, badly jointed with shale seams and slickensides in bottom 5.0' Core Loss 2%											
	28															
	30															
	32															
	34		5.0	0.0	BOTTOM OF BORING											
754.2					*Refusal											

LOG OF BORING

Date Started 9-16-65 Date Completed 9-17-65 Boring No. B-31
 Sampler Type SS Dia. 1 3/8" Casing Length 10' Dia. 3 1/2" Station & Offset 1040+60, CL
 Surface Elev. 793.3'

Elev.	Depth	Sd. Pen. (ft)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics							SHTL Class.		
							% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.		W.C.	
793.3	0															
790.8	2	25/*			Reddish-Brown Silty Sand	1	0	3	60	11	26	NP	NP	9		
788.3	4															
785.8	6	13/12			Reddish-Brown and Gray Sandy Silt	2	13	3	35	22	27	23	0	20		
783.3	8	8/15			Reddish-Brown and Gray Gravelly Clay	3	22	6	3	20	49	48	22	18		
782.8	10	50/*			Gray Clay and Shale Fragments	4	26	4	2	30	38	44	18	14		
	12				TOP OF ROCK											
	14		3.8	1.2	Shale, gray, argillaceous and arenaceous, fissile, soft to medium-firm, slightly weathered in top 7.0', with many sandstone seams (fine-grained, firm, maximum 0.5' thick), broken and slightly jointed. Core Loss 7%											
	16															
	18		4.6	0.4												
	20															
	22															
	24		4.8	0.2												
	26															
	28		5.0	0.0	BOTTOM OF BORING											
763.3	30				*Refusal											

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
SEC. CUY-IR 80-18.43

BORING DATA B-28, B-29, B-30, B-31

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