MICROFILMED
DEC 11 1984

LOG OF BORING

Date Started 9-15-65 Sampler Type SS Dia 1 3/8" Water Elev. —
Date Completed 9-16-65 Casing Length — Dia —
Boring No. B-22 Station & Offset 1029+00, CL Surface Elev. 610.0'

Elev.	Depth	Sp. Ft.	Rec. ft.	Loss ft.	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
610.0	0														
	2														
	4														
605.0	6	1/2			Mottled Brown and Gray Silty Clay, Trace of Organic	1	0	1	8	42	49	38	17	25	
602.5	8	5/7			Mottled Brown and Gray Sandy Clay, Trace of Organic	2	0	3	19	35	43	35	13	24	
600.0	10	5/6			Brownish-Gray Clayey Gravel	3	68	5	6	7	14	33	13	11	
	12														
	14														
595.0	16	7/4			Brown and Gray Silt and Clay	4	0	2	10	41	47	38	14	28	
592.5	18	3/4			Gray Clay, Slightly Organic	5	0	0	2	56	42	79	53	14	
590.0	20														
	22	2/3			Gray Silty Clay, Slightly Organic	6	0	1	3	37	59	43	16	45	
587.5	24	3/3			Grayish-Brown Silt and Clay, Trace of Organic	7	0	0	4	46	50	33	13	28	
585.0	26	3/5			Gray Sandy Silt, Trace of Organic	8	0	0	21	65	14	NP	NP	33	
	28														
580.0	30	5/8			Brown and Gray Sandy Clay, Trace of Organic	9	V		I		S	U	A	L	30
	32														
	34														
575.0	36	13/11			Gray Gravelly Sandy Silt	10	26	16	13	26	19	23	7	21	
	38														
570.0	40	6/7			**Gray Silt, Trace of Organic**	11	0	6	13	46	35	NP	NP	21	
	42														
	44														
565.0	46	5/8			Gray Silty Gravel	12	48	6	8	20	18	26	7	12	
	48														
560.0	50	3/21			Gray Sandy Gravelly Silt	13	23	3	17	31	26	21	6	16	
	52														
	54														
555.0	56	16/21			Gray Silt	14	0	1	19	66	14	NP	NP	18	
	58														
550.0	60	15/20			Gray Sandy Gravelly Silt	15	26	4	14	40	16	NP	NP	17	
	62														
	64														
545.0	66	18/14			Gray Silty Sandy Gravel	16	V		I		S	U	A	L	15
	68														
540.0	70	8/13			Gray Sandy Silt	17	0	1	24	60	15	NP	NP	18	
	72														
	74														
535.0	76	9/13			Gray Silt	18	0	1	12	60	27	NP	NP	20	
	78														
530.0	80	20/19			Gray Silty Gravelly Sand	19	24	38	19	11	8	NP	NP	15	
	82														
	84														
525.0	86	20/39			**Gray Silty Gravelly Sand**	20	24	46	9	10	11	NP	NP	15	
	88														
520.0	90	20/39			Gray Silty Gravelly Sand	21	32	21	30	8	9	NP	NP	10	
	92														
515.0	94				BOTTOM OF BORING										
514.5		50/*			No Sample Recovered, Gray Shale Fragments (Driller's Est.) *Refusal	V		I		S	U	A	L		

LOG OF BORING

Date Started 9-14-65 Sampler Type SS Dia 1 3/8" Water Elev. —
Date Completed 9-14-65 Casing Length — Dia —
Boring No. B-24 Station & Offset 1031+50, 85' Rt. Surface Elev. 620.1'

Elev.	Depth	Sp. Ft.	Rec. ft.	Loss ft.	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
620.1	0														
	2														
	4														
615.1	6	3/6			Brown and Gray Sandy Clay	1	13	8	10	29	40	40	18	18	
612.6	8	3/7			Brown and Gray Gravelly Sandy Clay	2	18	7	10	31	34	34	13	19	
610.1	10	4/9			Brown and Gray Sandy Gravelly Silt	3	30	9	7	25	29	33	10	19	
607.6	12	4/5			Brown and Gray Sandy Gravelly Silt	4	20	9	7	29	35	31	10	17	
605.1	14	4/5			Brown and Gray Gravelly Clay	5	19	5	6	35	35	34	12	19	
602.6	16	3/4			Grayish-Brown Gravelly Silt	6	27	3	9	33	28	32	10	15	
600.1	18	6/6			Brownish-Gray Sandy Gravelly Clay	7	29	6	9	27	29	34	13	16	
597.6	20	6/7			Brown and Gray Sandy Gravelly Clay	8	33	13	12	19	23	33	13	18	
595.1	22	5/5			Gray Clayey Gravel	9	V		I		S	U	A	L	23
	24														
590.1	26	3/1			Dark-Gray Organic Sandy Clay	10	0	2	20	52	26	43	14	39	
	28														
585.1	30	4/5			Gray and Black Organic Sandy Gravelly Silt	11	26	9	10	30	25	NP	NP	25	
	32														
580.1	34	8/16			**Gray Silty Gravelly Sand**	12	31	4	44	13	8	NP	NP	21	
	36														
	38														
575.1	40	5/7			Gray Silty Sandy Gravel	13	37	7	26	17	13	-	-	17	
	42														
570.1	44	9/6			Gray Sandy Silt, Trace of Organic	14	0	1	52	41	6	NP	NP	27	
	46														
565.1	48	5/6			Gray Silty Sand, Trace of Organic	15	9	16	58	8	9	NP	NP	19	
	50														
560.1	52	5/7			Gray Silt	16	0	1	7	50	42	23	4	28	
	54														
555.1	56	6/7			Gray Gravelly Silt	17	17	1	2	35	45	28	8	24	
	58														
550.1	60														
549.9	60	50*(0.2')			Gray Clay with Shale Fragments	18	33	1	3	32	31	PL +	18	10	
					TOP OF ROCK										
			5.0	0.0	Clay shale, gray, fissile, argillaceous, very soft and crumbly, extremely weathered. No Core Loss										
			5.5	0.0											
539.6	80				BOTTOM OF BORING										

*Refusal

LOG OF BORING

Date Started 9-15-65 Sampler Type SS Dia 1 3/8" Water Elev. —
Date Completed 9-16-65 Casing Length 10' Dia 3 1/2"
Boring No. B-25 Station & Offset 1034 on 5' Rt. Surface Elev. 687.2'

Elev.	Depth	Sp. Ft.	Rec. ft.	Loss ft.	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
687.2	0														
	2														
	4														
682.2	6	9/8			Brown Sandy Gravelly Clay	1	35	10	14	16	25	32	13	13	
	8														
677.2	10	6/11			Grayish-Brown Clayey Sandy Gravel	2	45	12	19	13	21	33	12	45	
	12														
	14														
672.2	16	7/9			Brownish-Gray Gravelly Clay	3	28	5	3	29	35	40	17	16	
	18														
667.2	20														
					TOP OF ROCK										
	22		3.6	1.4	Shale, gray, fissile, soft to medium-firm, slightly arenaceous in part, badly broken and moderately weathered in top 3.5' Core Loss 4%										
	24														
	26		4.8	0.2											
	28														
	30														
	32														
	34		5.0	0.0											
652.2					BOTTOM OF BORING										

LOG OF BORING

Date Started 9-15-65 Sampler Type SS Dia 1 3/8" Water Elev. —
Date Completed 9-15-65 Casing Length 8.7' Dia 3 1/2"
Boring No. B-27 Station & Offset 1037+45, 10' Lt. Surface Elev. 772.3'

Elev.	Depth	Sp. Ft.	Rec. ft.	Loss ft.	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
772.3	0														
	2														
	4														
767.3	6	7/8			Reddish-Brown and Gray Sandy Clay	1	7	14	23	25	31	29	12	14	
763.6	8														
	10		1.3	0.0	TOP OF ROCK										
	12														
	14		5.0	0.0											
	16														
	18		4.6	0.4	Sandstone, gray, fine-grained, massive, firm, badly jointed, with few clay seams. Core Loss 5%										
	20														
	22														
747.3	24		4.6	0.4											
					BOTTOM OF BORING										

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-22, B-24, B-25, B-27

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

Revised 8/23/68