

MAY 11 1983

LOG OF BORING

Date Started 9/20/83 Sampler Type SS Dia. 1 3/8" Water Elev. 644.6'
 Date Completed 9/21/83 Casing Length 25+60 Dia. CL Surface Elev. 652.1'
 Boring No. R-32 Station & Offset CL

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.		
652.1	0																
649.6	2																
647.1	4	9/13/19			BROWN SILT	1	9	1	2	76	12	NP	NP	16			A-4b
644.6	6	4/7/10			GRAY SILT	2	0	0	2	87	11	NP	NP	17			A-4b
642.1	8	2/4/6			GRAY SILT	3	0	0	0	80	20	NP	NP	25			A-4b
639.6	10	2/3/4			GRAY SILT	4	0	0	0	58	42	NP	NP	24			A-4b
637.1	12	1/2/5			GRAY SANDY SILT	5	11	3	6	47	33	NP	NP	23			A-4a
634.6	14	2/3/4			GRAY SANDY SILT	6	14	8	12	33	33	23	7	14			A-4a
632.1	16	3/4/7			GRAY GRAVELLY SANDY SILT	7	15	8	12	33	32	23	6	14			A-4a
627.1	18	2/6/14			GRAY SANDY SILT	8	6	6	33	29	26	NP	NP	10			A-4a
622.1	20	12/23/41			GRAY SANDY SILT	9	11	6	10	34	39	24	9	8			A-4a
617.1	22	14/35			GRAY SANDY SILT	10	9	7	12	36	36	24	9	9			A-4a
616.8	24	50(0.3')			GRAY SANDY GRAVELLY SILT	11	32	9	14	28	17	24	9	7			A-4a

BOTTOM OF BORING

LOG OF BORING

Date Started 11/29/83 Sampler Type SS Dia. 1 3/8" Water Elev. _____
 Date Completed 11/29/83 Casing Length _____ Dia. _____ Surface Elev. 600.0'
 Boring No. B-34 Station & Offset 77+50 50' LT.

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.		
600.0	0																
595.0	2																
590.0	4	2/2/3			BROWN SILTY SAND	1	12	15	59	7	7	NP	NP	8			A-3a
585.0	6																
580.0	8	2/2/2			BROWN SILTY SAND	2	13	20	56	5	6	NP	NP	6			A-3a
575.0	10																
570.0	12	10/10/8			BROWN SILT	3	3	4	3	67	23	27	4	15			A-4b
565.0	14																
560.0	16	5/5/7			BROWN WITH GRAY SILT AND CLAY	4	0	0	1	43	56	39	15	24			A-6a
555.0	18																
554.2	20	10/14/14			GRAY WITH BROWN CLAYEY SILT	5	0	1	3	52	44	28	7	16			A-4b
550.0	22																
545.0	24	6/5/7			GRAY WITH BROWN SANDY SILT	6	5	8	12	36	39	28	8	11			A-4a
540.0	26																
535.0	28	8/15/28			GRAY WITH BROWN SANDY SILT	7	8	7	13	35	37	23	4	12			A-4a
530.0	30																
525.0	32	25/58			GRAY GRAVELLY SANDY SILT	8	16	9	12	31	32	24	6	9			A-4a
520.0	34																
515.0	36	28/50(0.3')			GRAY SANDY SILT	9	5	7	13	37	38	24	7	8			A-4a

BOTTOM OF BORING

OHIO DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - TESTING LABORATORY
 1600 WEST BROAD STREET COLUMBUS, OHIO 43223

STRUCTURE FOUNDATION INVESTIGATION
 BRIDGE NO. **LAK-20-1714**
 OVER GRAND RIVER
 LAK-20-17.04

BORING DATA

TYPED BY S. M. G.	CHECKED BY L. N. L.	REVIEWED BY R. D. R.	DATE 1/13/84
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