



LOG OF BORING

Date Started 2-15-93 Sampler Type SS Dia. 2.0 inches Water Elev. \_\_\_\_\_  
 Date Completed 2-15-93 Casing length \_\_\_\_\_ Dia. 3.25 inches \_\_\_\_\_  
 Boring No. S-6 Station & Offset STA 403+78, 58' Lt. Surface Elev. 651.1±

ELEV.	DEPTH	STD. PEN. (N)	REC. FL	LOSS FL	DESCRIPTION	SAMPLE		PHYSICAL CHARACTERISTICS								SHTL CLASS	
						NO.	TYPE	percent (%)				LL	PL	P.I.	W.C. %		
						AGG.	COAR. SAND	FINE SAND	SILT	CLAY							
651.1	0				ASPHALT												
650.1	8.8				Gray ROADBASE MATERIAL, (sand)	1	SS	7.0	10.1	12.5	*	70.4	--	--	--	11.8	A-4a
		7-11-15	1.0			2	SS	4.9	7.2	21.9	*	68.0	--	--	--	14.9	A-4a
		3-3-4	0.2														
		5-6-6	0.7		Very stiff to medium stiff, gray SANDY SILT, some clay, little gravel, moist.	3	SS	11.9	8.6	11.4	39.5	28.6	28.0	19.2	8.8	13.9	A-4a
		5-6-7	0.7			4	SS	--	--	--	--	--	--	--	--	12.0	VISUAL
		5-8-11	0.8			5	SS	--	--	--	--	--	--	--	--	11.9	VISUAL
		2-2-4	0.5			6	SS	--	--	--	--	--	--	--	--	17.7	VISUAL
631.1	20.0	2-3-4	0.8		Loose, brown SAND, some clay, wet.	7	SS	--	--	--	--	--	--	--	--	16.0	VISUAL
					Note: organic odor at 20 feet.												
628.6	22.5	7-15-15	1.5		Hard, brown to gray SILT AND CLAY, little sand, moist.	8	SS	6.5	6.6	9.1	35.6	42.2	--	--	--	17.2	A-6a
		10-22-23	1.5			9	SS	--	--	--	--	--	--	--	--	11.6	VISUAL
623.6	27.5	12-26-30	1.5		Hard, gray SANDY SILT, some clay, trace gravel, dry to moist.	10	SS	6.9	10.0	13.3	38.7	31.1	25.9	17.6	8.3	10.4	A-4a
		16-18-26	1.2			11	SS	--	--	--	--	--	--	--	--	11.1	VISUAL
		14-21-38	1.3			12	SS	--	--	--	--	--	--	--	--	10.9	VISUAL
		16-24-31	1.3			13	SS	--	--	--	--	--	--	--	--	10.8	VISUAL
		27-29-32	1.3			14	SS	9.6	10.5	13.2	*	66.7	--	--	--	9.5	A-4a
		50/0.5'	0.4		Note: shale fragments at 45.5 feet	15	SS	--	--	--	--	--	--	--	--	6.9	VISUAL
606.1	45.0				TERMINATION DEPTH 45.0 FEET												

\*SILT AND CLAY COMBINED

221 51 729 229 11 312-S KAR 1000 408

**R&R** INTERNATIONAL, INC.  
 AKRON, OH  
 COLUMBUS, OH  
 PITTSBURGH, PA  
 COLUMBIA, MD

STRUCTURE FOUNDATION INVESTIGATION  
 BRIDGE NO. LAK-2-955 L/R  
 OVER STATE ROUTE 615  
 LAKE COUNTY, OHIO

BORING DATA

DATE 9/9/93 DRAWN T.M. DESIGN W.N. R & R PROJECT NO. 001242