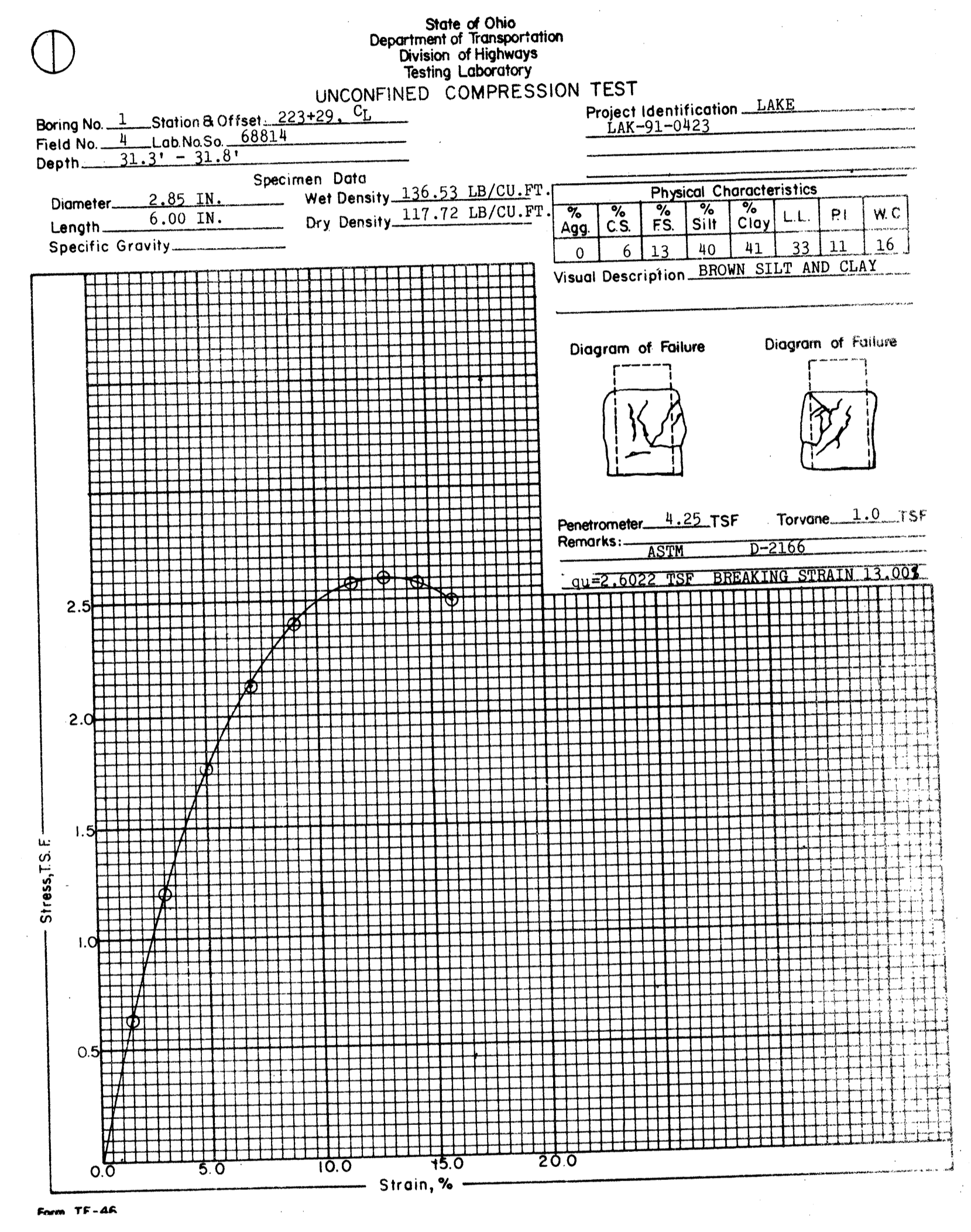


**LOG OF BORING**

Date Started 11/13/91 Sampler Type SS Dia. 1 3/8" Water Elev.           
 Date Completed 11/14/91 Casing Length          Dig.          Surface Elev. 679.2'  
 Boring No. B-1 Station & Offset 223+29.0 (REAR ABUTMENT)

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.	
679.2	0				SOD AND TOPSOIL										VISUAL	
678.9	2				AUGERED										VISUAL	
	4				BROWN SANDY CLAY (DRILLER'S DESCRIPTION)										VISUAL	
674.2	6				AUGERED										VISUAL	
	8				BROWN SANDY SILT AND CLAY (DRILLER'S DESCRIPTION)										VISUAL	
669.2	10				AUGERED										VISUAL	
	12				BROWN SANDY SILT AND CLAY (DRILLER'S DESCRIPTION)										VISUAL	
664.2	14				AUGERED										VISUAL	
	16				BROWN AND GRAY CLAY (DRILLER'S DESCRIPTION)										VISUAL	
659.2	18				AUGERED										VISUAL	
656.7	22															
654.2	24	11/16/17			BROWN CLAYEY SILT	1	0	6	11	41	42	31	9	16	A-4A	
	26	PRESS			BROWN AND GRAY GRAVELLY CLAY (DRADING ONLY)	2	37	5	8	21	29	31	11	14	A-6A	
651.7	28															
649.2	30	15/15/23			BROWN AND GRAY SANDY SILT	3	14	8	9	37	32	32	10	15	A-4A	
	32	PRESS			BROWN SILT AND CLAY	4	0	6	13	40	41	33	11	16	A-6A	
646.7	34	14/18/19			BROWN SILT AND CLAY	5	0	4	11	38	47	36	11	17	A-6A	
644.2	36	10/14/18			BROWN SANDY SILT	6	11	5	11	35	38	31	9	13	A-4A	
641.7	38				TOP OF ROCK											
	40	17/29/50			BROWN AND GRAY CLAY SHALE	7	-	-	-	-	-	-	-	-	17	VISUAL
639.2	42	75(0.5)	4.5	0.0	BROWN AND GRAY CLAY SHALE	8	-	-	-	-	-	-	-	-	11	VISUAL
638.7	44				CLAY SHALE, BROWN WEATHERED, SOFT, BROKEN. NO CORE LOSS											
637.7	46															
	48		5.0	0.0												
	50															
	52		5.0	0.0	CLAY SHALE, GRAY, FIRM, BROKEN AND JOINTED WITH THIN CLAY SEAMS IN UPPER PORTION. CORE LOSS 1 1/2.											
	54															
	56															
	58		4.8	0.2												
	60															
	62															
	64		4.9	0.1												
614.2	66															

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-91-0423  
OVER CONRAIL AND N & W RR  
SEC. LAK-91-4.23

BORING DATA

TYPED BY L.A.O.	CHECKED BY A.F.	REVIEWED BY M.R.S.	DATE 12/30/91
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