LAKE COUNTY
LAK-306-4.15

LOG OF BORING

Date Started 3-7-79 Sampler: Type SS Dia. 1.38" Water Elev. 644.29 @ 24 hrs.
Date Completed 3-7-79 Casing: Length ____ Dia. ____
Boring No. B-5 Station & Offset Sta. 26+45; 50'Lt. Surface Elev. 645.29
Project Identification: S.R. 306 Underpass Mentor, Lake Co., Ohio

Elev	Depth	Std Pen. (N)	Description	Field No.	Lab Nos.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	Pl	W.C	SHTL Class
642.3	0		Loose brown and gray Silty Clayey SAND											
	2	3-5-6												
	4	11		1									20.6	
	6	5-5-6	Dense, brown mottled gray Clayey SILT, some Sand, trace Gravel											
636.5	8	11		2	2								19.5	
	10	8-11-11		3		7	10	15	14	30	27	15	13.9	A-6b
	12	19	Very stiff Clayey SILT, some SAND, trace to	4									16.7	
	14	8-9-11		5	5								12.6	
	16	20												
	18	5-7-7		6	6	9	14	14	31	32	25	12	12.2	A-6a
	20	14		7									11.9	
	22													
	24	7-11-27		8	9								9.4	
	26													
	28			9	10								10.5	
	30													
	32													
	34	20-20-20-20		10	11								11.5	
	36	40	Dense Gray Clayey SILT, some Sand, trace to little Gravel											
	38	120/9"		11	12	9	9	9	13	51	25	13	9.9	A-6b
606.3	40	29												
	42		Hard gray SHALE											
	44		Soft gray SHALE											
	46		Cored Rec= 78%											
	48		Cored Rec= 96%											
595.8			Bottom of Boring = 48.5'											
			Water level at completion = 24.0'											
			Water level 3 days = 9.5'											
			Water level 7 days = 9.5'											
			Water level 14 days = 9.5'											
			3" Split Spoon											

LOG OF BORING

Date Started 3-5-79 Sampler: Type SS Dia. 1.38" Water Elev. 651.67
Date Completed 3-6-79 Casing: Length ____ Dia. ____
Boring No. B-1 Station & Offset Sta. 16+50; 45'Lt. Surface Elev. 665.67
Project Identification: S.R. 306 Underpass Mentor, Lake Co., Ohio

Elev	Depth	Std Pen. (N)	Description	Field No.	Lab Nos.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	Pl	W.C	SHTL Class
	0			Bag Samp.	1	24	20	33	15	8				A-3a
	2	10-16-14	Firm brown SAND with little to some Gravel, trace to little Silt, trace Clay	1	2								7.7	
	4			2	3								17.0	
	6	7-2-4		3	4	14	25	47	9	5			6.7	A-3a
	8	5-6-6												
	10			4	5								9.6	
	12	5-5-4												
	14			5	6								18.9	
648.7	16	6-6-7												
	18													
	20	10-14-22	Hard gray Silty CLAY, some sand, little gravel	6	7								12.2	
	22													
	24	16-25-50												
	26			7	8	17	11	15	28	29	23.4	5.1	11.8	A-4a
	28													
	30	8-9-11		8	9								11.5	
	32													
	34	13-18-25	Bottom of Boring = 35'											
630.7			Water level at completion = 14.0'	9	10								12.0	
	36	43												

BRUNING 44-132 30845-1

FRANKLIN CONSULTANTS INC. 4/5
Consulting Engineers
COLUMBUS, OHIO

STRUCTURE FOUNDATION INVESTIGATION BORING DATA

RETAINING WALL
PUMP STATION

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
	PL	PL				