



LOG OF BORING NO. B-1 REPLACEMENT BRIDGE NO. MUS-60-43.517 MUSKINGUM COUNTY, OHIO														
TYPE: 165mm I.D. Hollow-stem Auger LOCATION: Sta. 43+530.9 50mm O.D. Split-barrel Sampler 2.6m R of NXM Core-barrel Centerline														
COMPLETION DEPTH: 7.41m ELEVATION: 239.50 DATE: 1/10/94														
DEPTH, METERS	SAMPLE NO.	SAMPLES SAMPLING EFFORT	HAND PENE- TROMETER	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	AGG.C.S. F.S. SILT CLAY					DESCRIPTION		
							kPa	%	%	%	%	%	%	%
0														ASPHALT PAVEMENT - 480 MILLIMETERS
														- Note: At point 1m W and 1m S, encountered concrete at 0.37m.
1	1A	3/3	95-285	22	36	19								FILL: Stiff to very-stiff brown silty clay, little to some fine to medium sand, few fine sand and silt lenses.
	1B	3/3					0	2	29	69				Est. A-6b
2	2	1/2	38	28										POSSIBLE FILL: Stiff to very-stiff (est.) gray silty clay, some fine to medium sand, few silt seams.
														Est. A-6b
3	3	1/2	75-95	32	33	22	1	1	19	56	23			Medium-stiff to stiff gray partly organic silty clay, little to some fine to coarse sand, trace fine gravel interbedded with silt, little to some fine sand, contains decayed vegetation.
	4	1/1	55-105	33			2	4	27	53	14			A-6a(8,7)
4	5	6/4	38-45	23	24	16	1	11	45	31	12			Loose to medium-dense gray fine to coarse sand, "and" soft to medium-stiff clayey silt, trace fine gravel, few seams of fine to medium sand, few zones of silty clay.
	6A	17/58R	19-140	18										A-4a(2)
	6B	50-100mmR												Very-soft to soft brown and gray siltstone and fine-grained sandstone, nearly horizontally bedded, similar to dense silt and fine sand.
5		NXM REC	RQD											Soft to medium-hard gray siltstone, nearly horizontally bedded, many vertical fractures, few diagonal fractures, few very-soft siltstone seams.
	8	97%	33%											Very-soft to soft gray shale, nearly horizontally bedded, fragmented, few horizontal fractures, contains slickensides, few siltstone seams.
														- From 6.43m to 7.19m; reddish-brown color.
														- Unconfined compressive strength: 860 kPa.
7														Medium-hard gray shale, nearly horizontally bedded, many horizontal fractures.
8														- Encountered slight seepage at 2.59m.