



N.C.D.O.T. GEOTECHNICAL UNIT
BORING LOG

PROJECT NO. 8.2352901		ID. B-3451		COUNTY Durham		GEOLOGIST J.L. Love									
SITE DESCRIPTION Bridge No. 119 on SR 1306 over Prong of Mud Creek						GROUND WATER (ft)									
BORING NO. EB1-A		BORING LOCATION 14+48		OFFSET 7ft LT		ALIGNMENT -L-									
COLLAR ELEV. 286.0 ft		NORTHING 816,578		EASTING 2,009,569		0 HR. 10.0 24 HR. FIAD									
TOTAL DEPTH 20.2 ft		DRILL MACHINE Mobile B-57		DRILL METHOD HSA/SPT		HAMMER TYPE Automatic									
DATE STARTED 8/21/02		COMPLETED 8/21/02		SURFACE WATER DEPTH N/A											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
286.0													286.0	0.0	Ground Surface
282.3	3.7												282.5	3.5	ROADWAY EMBANKMENT, ORANGE-BROWN, SILTY CLAY
		3	2	4									278.3	7.7	GRAY TO ORANGE-BROWN, SANDY CLAY
277.3	8.7												278.3	7.7	ALLUVIAL, GRAY, SANDY SILT
		1	1	1									273.5	12.5	ALLUVIAL, GRAY, SANDY SILT
272.3	13.7												273.5	12.5	GRAY-BROWN, SANDY, CLAY
		2	3	5									267.8	18.2	GRAY-BROWN, SANDY, CLAY
267.3	18.7												267.8	18.2	WEATHERED ROCK (TRIASSIC SANDSTONE)
		50	50/0.1'										265.8	20.2	WEATHERED ROCK (TRIASSIC SANDSTONE)
															AUGER REFUSAL AT ELEVATION 265.8 FEET ON NON-CRYSTALLINE ROCK (TRIASSIC SANDSTONE)

NCDOT BORE SINGLE MUD_CR.GPJ NC_DOT.GDT 11/26/02



N.C.D.O.T. GEOTECHNICAL UNIT
BORING LOG

SHEET 6 OF 12

PROJECT NO. 8.2352901		ID. B-3451		COUNTY Durham		GEOLOGIST J.L. Love									
SITE DESCRIPTION Bridge No. 119 on SR 1306 over Prong of Mud Creek						GROUND WATER (ft)									
BORING NO. EB1-B		BORING LOCATION 14+32		OFFSET 21ft RT		ALIGNMENT -L-									
COLLAR ELEV. 285.0 ft		NORTHING 816,546		EASTING 2,009,572		0 HR. 8.5 24 HR. 6.8									
TOTAL DEPTH 19.1 ft		DRILL MACHINE Mobile B-57		DRILL METHOD HSA/SPT		HAMMER TYPE Automatic									
DATE STARTED 8/22/02		COMPLETED 8/22/02		SURFACE WATER DEPTH N/A											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
285.0													285.0	0.0	Ground Surface
282.0	3.0												285.0	0.0	ROADWAY EMBANKMENT, ORANGE-BROWN, SANDY CLAY
		1	2	3									278.3	6.7	ROADWAY EMBANKMENT, ORANGE-BROWN, SANDY CLAY
277.0	8.0												278.3	6.7	ALLUVIAL, GRAY, SANDY SILT
		WOH	WOH	WOH									271.5	13.5	ALLUVIAL, GRAY, SANDY SILT
272.0	13.0												271.5	13.5	GRAY-BROWN SILTY SAND
		1	2	4									267.5	17.5	GRAY-BROWN SILTY SAND
267.0	18.0												267.5	17.5	WEATHERED ROCK (TRIASSIC SANDSTONE)
		40	60/0.1'										265.9	19.1	WEATHERED ROCK (TRIASSIC SANDSTONE)
															AUGER REFUSAL AT ELEVATION 265.9 FEET ON NON-CRYSTALLINE ROCK (TRIASSIC SANDSTONE)

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