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

SHEET 1 OF 1

PROJECT NO. 8.2353001	**ID.** B-3450	**COUNTY** Durham	**GEOLOGIST** D. Goodnight
SITE DESCRIPTION Bridge No. 217 Over Tributary of Sandy Creek on SR1116 (Garrett Road)			**GROUND WATER (ft)**
BORING NO. CMP-3	**BORING LOCATION** 4+27	**OFFSET** 37 ft LT	**ALIGNMENT** -DET1-
			0 HR. 1.5
COLLAR ELEV. 248.7 ft	**NORTHING** 802552.05	**EASTING** 2008102.87	**24 HR.** 1.7
TOTAL DEPTH 24.4 ft	**DRILL MACHINE** CME 850	**DRILL METHOD** 3-7/8" Tricone/Wash Rotary	**HAMMER TYPE** 140 lb. Automatic
DATE STARTED 9/25/02	**COMPLETED** 9/25/02	**SURFACE WATER DEPTH** NA	

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
248.7										248.7 / 0.00
247.7	1.0								ALLUVIAL: Very Soft Brown Fine Sandy Silty CLAY with a Trace of Organic Matter (Decayed Plants and Rootlets)	245.7 / 3.0
245.2	3.5	WOH	WOH	WOH	WOH		W		ALLUVIAL: Very Loose to Medium Dense Grey Silty Clayey Coarse to Fine SAND with a Trace of Organic Matter (Decayed Plants) and with Clasts of Mudstone at 18.5 feet	
242.7	6.0	WOH	1	1	2		W			
240.2	8.5	3	4	4	8		W			
235.2	13.5	2	2	1	3	SS-16	W			
230.2	18.5	3	2	3	5		W			
225.2	23.5	7	6	7	13		W		WEATHERED ROCK: Brown and Grey Triassic Mudstone	228.9 / 19.8
		32	68/0.4		100/0.9				Boring Terminated at Elevation 224.3 feet in Weathered Rock (Triassic Mudstone)	224.3 / 24.4

NCDOT BORE SINGLE 07102017.GPJ NC_DOT.GDT 11/12/02

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

SHEET 1 OF 1

PROJECT NO. 8.2353001	**ID.** B-3450	**COUNTY** Durham	**GEOLOGIST** D. Goodnight
SITE DESCRIPTION Bridge No. 217 Over Tributary of Sandy Creek on SR1116 (Garrett Road)			**GROUND WATER (ft)**
BORING NO. CMP-4	**BORING LOCATION** 4+58	**OFFSET** 41 ft LT	**ALIGNMENT** -DET1-
			0 HR. 1.5
COLLAR ELEV. 248.4 ft	**NORTHING** 802578.53	**EASTING** 2008086.41	**24 HR.** 1.4
TOTAL DEPTH 20.0 ft	**DRILL MACHINE** CME 850	**DRILL METHOD** 3-7/8" Tricone/Wash Rotary	**HAMMER TYPE** 140 lb. Automatic
DATE STARTED 9/26/02	**COMPLETED** 9/26/02	**SURFACE WATER DEPTH** NA	

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
248.4										248.4 / 0.00
247.4	1.0								ALLUVIAL: Very Soft Grey and Brown Fine Sandy Silty CLAY with a Little Organic Matter (Roots)	245.4 / 3.0
244.9	3.5	2	1	1	2				ALLUVIAL: Soft Grey Clayey Fine Sandy SILT with a Little Organic Matter (Roots)	242.9 / 5.5
242.4	6.0	2	1	2	3	SS-17	19.6%		ALLUVIAL: Loose to Very Loose Grey and Brown Silty Coarse to Fine SAND with a Trace Organic Matter (Roots)	
239.9	8.5	3	2	2	4		W			
234.9	13.5	2	1	WOH	1		W			
229.9	18.5	1	2	2	4		W			230.4 / 18.0
		5	12	40	52	SS-18	12.2%		RESIDUAL: Hard Red-Brown and Grey Fine to Coarse Sandy Silty CLAY	228.4 / 20.0
									Boring Terminated at Elevation 228.4 feet in Residual Soil	

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