



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. EB2-A		BORING LOCATION 14+76		OFFSET 38 ft LT		ALIGNMENT -L-		0 HR. 1.0							
COLLAR ELEV. 250.7 ft		NORTHING 802576.02		EASTING 2007973.65				24 HR. 1.0							
TOTAL DEPTH 25.0 ft		DRILL MACHINE CME 850		DRILL METHOD 3-7/8" Tricone/Wash Rotary		HAMMER TYPE 140 lb. Automatic									
DATE STARTED 10/2/02		COMPLETED 10/2/02		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
250.7													250.7	0.00	
249.7	1.0												249.7	3.0	ROADWAY EMBANKMENT FILL: Loose Brown Silty Clayey Coarse to Fine SAND with Gravel and a Trace of Organic Matter (Decayed Wood and Plants)
247.2	3.5	2	2	3									247.2	3.0	ROADWAY EMBANKMENT FILL: Loose to Very Loose Tan, Orange, and Brown Silty Clayey Coarse to Fine SAND with Gravel
244.7	6.0	11	12	6									244.7	3.0	ROADWAY EMBANKMENT FILL: Loose to Very Loose Tan, Orange, and Brown Silty Clayey Coarse to Fine SAND with Gravel
242.2	8.5	WOH	WOH	WOH									242.2	7.5	ALLUVIAL: Very Loose to Medium Dense Tan and Grey Silty Clayey Coarse to Fine SAND with Gravel and with a Trace Organic Matter (Decayed Plants)
237.2	13.5	1	1	1									237.2	12.5	ALLUVIAL: Soft Grey Fine Sandy Silty CLAY with a Trace of Organic Matter (Wood Fragments)
232.2	18.5	2	4	5									232.2	12.5	ALLUVIAL: Loose to Medium Dense Grey Clayey Silty Coarse to Fine SAND with Trace of Organic Matter (Root Fragments)
227.2	23.5	11	89/0.3										227.2	22.0	WEATHERED ROCK: Grey and Red-Brown Triassic Mudstone
225.7	25.0	60/0.2											225.7	25.0	WEATHERED ROCK: Grey Triassic Sandstone
		60/0.0											225.7	25.0	Boring Terminated with SPT Refusal at Elevation 225.7 feet on Non-Crystalline Rock (Triassic Sandstone)

NCDOT BORE SINGLE 07102017.GPJ NC\_DOT.GDT 11/12/02



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BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2353001		ID. B-3450		COUNTY Durham		GEOLOGIST G. Licayan									
SITE DESCRIPTION Bridge No. 217 Over Tributary of Sandy Creek on SR1116 (Garrett Road)							GROUND WATER (ft)								
BORING NO. EB2-B		BORING LOCATION 14+76		OFFSET 18 ft RT		ALIGNMENT -L-		0 HR. 2.0							
COLLAR ELEV. 256.9 ft		NORTHING 802595.64		EASTING 2008026.14				24 HR. 6.6							
TOTAL DEPTH 33.8 ft		DRILL MACHINE CME 55		DRILL METHOD 3-7/8" Tricone/Wash Rotary		HAMMER TYPE 140 lb. Manual									
DATE STARTED 10/3/02		COMPLETED 10/3/02		SURFACE WATER DEPTH NA											
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
256.9													256.9	0.00	
255.9	1.0												255.9	3.0	ROADWAY EMBANKMENT FILL: Loose to Very Loose Tan, Orange, and Brown Silty Clayey Coarse to Fine SAND with Gravel
253.4	3.5	6	4	2									253.4	3.0	ROADWAY EMBANKMENT FILL: Loose to Very Loose Tan, Orange, and Brown Silty Clayey Coarse to Fine SAND with Gravel
250.9	6.0	4	3	1									250.9	3.0	ROADWAY EMBANKMENT FILL: Loose to Very Loose Tan, Orange, and Brown Silty Clayey Coarse to Fine SAND with Gravel
248.4	8.5	4	1	2									248.4	7.5	ALLUVIAL: Very Loose to Medium Dense Tan and Grey Silty Clayey Coarse to Fine SAND with Gravel and with a Trace Organic Matter (Decayed Plants)
243.4	13.5	2	1	3									243.4	12.5	ALLUVIAL: Soft Grey Fine Sandy Silty CLAY with a Trace of Organic Matter (Wood Fragments)
238.4	18.5	3	3	7									238.4	12.5	ALLUVIAL: Loose to Medium Dense Grey Clayey Silty Coarse to Fine SAND with Trace of Organic Matter (Root Fragments)
233.4	23.5	5	6	8									233.4	23.5	WEATHERED ROCK: Grey and Red-Brown Triassic Mudstone
228.4	28.5	23	77/0.3										228.4	25.0	WEATHERED ROCK: Grey Triassic Sandstone
223.4	33.5	100/0.5											223.4	25.0	Boring Terminated with SPT Refusal at Elevation 225.7 feet on Non-Crystalline Rock (Triassic Sandstone)
		100/0.3											223.1	33.8	Boring Terminated at Elevation 223.1 feet in Weathered Rock: (Triassic Mudstone)

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