



WBS ELEMENT NO.8.1811201				ID No.		U-2408		COUNTY Gaston		GEOLOGIST P. Alton/P. Weaver			
SITE DESCRIPTION Widening of Bridge No. 57 Over NSRR on NC 274										GROUND WATER (m)			
BORING NO. EB1-B		BORING LOCATION 20+00.5				OFFSET 6.5m RT		ALIGNMENT -L-		0 HR. NM			
COLLAR ELEV. 266.42 m		NORTHING 172527.88				EASTING 405902.03				24 HR. 14.78			
TOTAL DEPTH 21.33 m		DRILL MACHINE CME-55			DRILL METHOD Wash Rotary				HAMMER TYPE 63.5 kg Manual				
DATE STARTED 4/30/04				COMPLETED 4/30/04			SURFACE WATER DEPTH NA						
ELEV.	DEPTH	BLOW COUNT			BLOWS PER 30 CM					SAMP.	LOG	SOIL AND ROCK DESCRIPTION	
(m)	(m)	15cm	15cm	15cm	0	20	40	60	80	100			NO.
266.42													
266.12	0.30												266.42 0.00
265.35	1.07	3	3	3								M	ROADWAY EMBANKMENT FILL: Medium Stiff to Very Stiff, Orange-Brown to Brown and Red, Variably Clayey, Coarse to Fine Sandy SILT with a Little Mica
264.59	1.83	4	3	4								M	
263.83	2.59	4	5	6								M	
		3	3	5								M	
262.31	4.11	3	5	5							SS-4	27.0%	
260.78	5.64	5	5	6								M	
259.26	7.16	6	7	8								M	
257.73	8.69	5	6	7								M	
256.21	10.21	6	6	10							SS-5	37.2%	
254.68	11.74	14	14	14								M	
253.16	13.26	13	21	29								W	RESIDUAL: Very Stiff, Brown-Red, Clayey, Coarse to Fine Sandy SILT with a Little Mica
251.64	14.78	10	11	14								W	
250.11	16.31	6	9	12								W	
248.59	17.83	8	11	17								M	

NCDOT BORE SINGLE 07104005.GPJ NC DOT.GDT 6/16/04



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		15cm	15cm	15cm	0	20	40	60	80	100	MOI		
247.42					Continued from previous page								
247.06	19.36	7	9	12	21					M		Medium Dense to Very Dense; Red, Brown, Grey, and White; Silty; Coarse to Fine SAND with a Little Mica and with a Trace of Clay (continued)	
245.54	20.88	7	9	13	22					M			
												245.09	21.33
Boring Terminated at Elevation 245.09m in Residual Soil: Medium Dense, Silty, Coarse to Fine SAND (A-2-4)													
Note: Polymer and city water used as drilling fluid; Density = 63.0 lbs./cu. ft.													

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