

[illegible]

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

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-A			BORING LOCATION 20+24.6				OFFSET 6.0m LT		ALIGNMENT -L-		0 HR. NM				
COLLAR ELEV. 266.57 m			NORTHING 172505.68				EASTING 405917.65				24 HR. 14.94				
TOTAL DEPTH 24.38 m			DRILL MACHINE CME-55			DRILL METHOD Wash Rotary				HAMMER TYPE 63.5 kg Manual					
DATE STARTED 4/29/04				COMPLETED 4/29/04			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.	MOI	
247.57					Continued from previous page										
247.21	19.36	6	7	10							M	Medium Dense to Dense; Brown, Red, Grey, and White; Silty; Coarse to Fine SAND with a Little Mica (continued)			
245.69	20.88	7	8	9							SS-3		M		
244.17	22.40	5	22	43									M		
242.64	23.93	8	12	20									M		
													242.19	24.38	Boring Terminated at Elevation 242.19m in Residual Soil: Dense, Silty, Coarse to Fine SAND (A-2-4) Note: Bentonite and city water used as drilling fluid; Density = 63.5 lbs./cu. ft.

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