



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. B1-A			BORING LOCATION 20+57.6			OFFSET 9.0m LT			ALIGNMENT -L-		0 HR. NM					
COLLAR ELEV. 257.51 m			NORTHING 172493.21			EASTING 405922.40			24 HR. 8.22							
TOTAL DEPTH 27.00 m			DRILL MACHINE CME-55			DRILL METHOD Wash Rotary			HAMMER TYPE 63.5 kg Manual							
DATE STARTED 4/27/04				COMPLETED 4/27/04			SURFACE WATER DEPTH NA									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM						SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		15cm	15cm	15cm	0	20	40	60	80	100						
257.51														257.51	0.00	
257.21	0.30															
256.44	1.07	2	2	4												
256.01																
255.68	1.83	2	2	2												
255.68	1.83	2	2	2												
254.92	2.59	3	4	6												
254.92	2.59	3	4	6												
254.92	2.59	3	4	6												
254.92	2.59	5	4	7												
254.92	2.59	5	4	7												
253.40	4.11	5	5	8												
253.40	4.11	5	5	8												
251.87	5.64	5	7	10												
251.87	5.64	5	7	10												
250.35	7.16	5	6	8												
250.35	7.16	5	6	8												
248.82	8.69	5	6	8												
248.82	8.69	5	6	8												
247.30	10.21	6	6	9												
247.30	10.21	6	6	9												
245.77	11.74	8	9	13												
245.77	11.74	8	9	13												
244.25	13.26	7	9	11												
244.25	13.26	7	9	11												
242.73	14.78	6	8	10												
242.73	14.78	6	8	10												
241.20	16.31	7	11	13												
241.20	16.31	7	11	13												
239.68	17.83	6	8	8												
239.68	17.83	6	8	8												

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



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		15cm	15cm	15cm	0	20	40	60	80	100						
238.51					Continued from previous page											
238.15	19.36												RESIDUAL: Loose to Dense; Brown, Grey, and White; Silty; Fine to Coarse SAND with a Little Mica (continued)			
		8	15	27								M				
236.63	20.88											M				
		12	23	25												
235.11	22.40															
		26	38	62/06								234.81	22.70	WEATHERED ROCK: White, Black, Brown, and Grey Granite		
233.58	23.93															
		70	30/4													
232.06	25.45															
		50/5														
230.54	26.97													230.51	27.00	Boring Terminated at Elevation 230.51m in Weathered Rock: Granite
		50/3														
Note: Bentonite and city water used as drilling fluid; Density = 64.0 lbs./cu. ft.																

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