



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. EB2-A		BORING LOCATION 21+04.6		OFFSET 6.5m RT		ALIGNMENT -L-		0 HR.	NM							
COLLAR ELEV. 265.89 m		NORTHING 172426.49		EASTING 405928.91				24 HR.	13.40							
TOTAL DEPTH 22.85 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.			
265.89													265.89	0.00		
265.59	0.30															
264.82	1.07	1	1	1									W			ROADWAY EMBANKMENT FILL: Very Loose, Brown and Tan, Coarse SAND and Gravel
264.82	1.07												M			
264.06	1.83	2	1	2									M			ROADWAY EMBANKMENT FILL: Soft to Stiff; Orange, Brown, and Grey; Clayey; Coarse to Fine Sandy SILT with a Little Mica
264.06	1.83															
263.30	2.59	4	6	7												
263.30	2.59															
		4	8	7									SS-14	28.8%		
261.78	4.11												M			
261.78	4.11	4	5	6												
260.25	5.64												M			
260.25	5.64	5	4	5												
258.73	7.16												M			
258.73	7.16	5	4	7												
257.20	8.69												M			
257.20	8.69	5	7	9												
255.68	10.21												M			
255.68	10.21	4	5	8												
254.15	11.74												M			
254.15	11.74	4	6	9												
252.63	13.26												M			
252.63	13.26	4	7	8												
251.11	14.78												M			
251.11	14.78	4	6	8												
249.58	16.31												M			
249.58	16.31	4	5	6												
248.06	17.83												M			
248.06	17.83	8	12	13												

NCDOT 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. EB2-A			BORING LOCATION 21+04.6			OFFSET 6.5m RT			ALIGNMENT -L-			0 HR. NM			
COLLAR ELEV. 265.89 m			NORTHING 172426.49			EASTING 405928.91			24 HR. 13.40						
TOTAL DEPTH 22.85 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. (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					
246.89					Continued from previous page										
246.53	19.36	5	3	4							M		Loose to Very Dense; Red, Brown, and Grey; Silty; Coarse to Fine SAND with a Little Mica (continued)		
245.01	20.88	2	7	9							M				
243.49	22.40	22	30	43							M				
													243.04	22.85	Boring Terminated at Elevation 243.04m in Residual Soil: Very Dense, Silty, Coarse to Fine SAND (A-2-4) Note: Bentonite and city water used as drilling fluid; Density = 63.5 lbs./cu. ft.

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