

9/17

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1600901		ID R-2568B		COUNTY DAVIDSON		GEOLOGIST RWT						
SITE DESCRIPTION BRIDGE NO. 124 NC 109 OVER RICH FORK CREEK							GND WATER					
BORING NO B1B SBL		NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT -L-		BORING LOCATION 61+31.500		OFFSET 0.00m		24 HR 1.80m						
COLLAR ELEV 213.69m		TOTAL DEPTH 12.25m		START DATE 4/29/02		COMPLETION DATE 04/29/02						
DRILL MACHINE CME-550			DRILL METHOD NW CAS/NXWL			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 7.60m			Log B1B SBL, Page 1 of 1						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
213.69												
213.00												(ALLUVIAL) BRN./GRAY V. SOFT MOIST TO WET SANDY SILT
	1.62	0	1	0	0.30					SS-1	W	
211.00												
	3.14	1	2	1	0.30					SS-2	SAT	GRAY V. LOOSE SAT. SILTY SAND
209.00												
	4.67	22	50	50	0.30				100	SS-3	M	WEATHERED ROCK
207.00												
	6.18	28	55	45	0.27				100		M	
205.00												
	7.53	100			0.07				100	RUN 1		SLI. TO MOD. WEATH. & MOD. HARD TO HARD META. GRANITIC ROCK. REC = 80% RQD = 23%
203.00										RUN 2		SLI. TO MOD. SEV. WEATH. & SOFT TO HARD META. GRANITIC ROCK. REC = 84% RQD = 55%.
201.44										RS-1 RUN 3		SLI. WEATH. & HARD META. GRANITIC ROCK. REC = 100% RQD = 91%
												BORING TERMINATED AT ELEV. 201.44 IN SLI. WEATH. HARD META. GRANITIC CRYSTALLINE ROCK.