NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33234.1.1	**ID.** B-3694	**COUNTY** ROCKINGHAM	**GEOLOGIST** J.L. LOVE
SITE DESCRIPTION BRIDGE NO. 55 ON -L- (SR 1138) OVER BELEWS CREEK			**GROUND WATER**
BORING NO. BI-B	**BORING LOCATION** 17+01	**OFFSET** 24' RT	**ALIGNMENT** -L-	**0 HR.** 2.0'
COLLAR ELEVATION 570.3'	**NORTHING** 941933	**EASTING** 1702447		**24 HR.** 5.0'
TOTAL DEPTH 27.4'	**DRILL MACHINE** SIMCO-4000 TR	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL	
START DATE 5/6/04	**COMPLETION DATE** 5/6/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 24.5'	

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
570.3										
570.0										
	4.4	8	9	7	1.0	X-16		D		ALLUVIAL, RED-BROWN TO GRAY-BROWN, COARSE SAND WITH GRAVEL
565.0	6.9	8	4	4	1.0	X-8	SS-15	W		
	9.4	3	5	9	1.0	X-14		W		
560.0	11.9	3	8	15	1.0	X-23		W		
	14.4	19	29	43	1.0	X-72	SS-16 SS-17	M M		RESIDUAL, ORANGE-BROWN, SILTY SAND, SAPROLITE
555.0										RESIDUAL, ORANGE-BROWN, WITH WHITE, SANDY SILT, SAPROLITE
550.0	19.4	100			0.4	100+ X				WEATHERED ROCK
	24.4	60			0.1	60/0.1 X				CRYSTALLINE ROCK (GNEISS)
545.0										
540.0						AUGER REFUSAL AT ELEVATION 542.9 FEET IN CRYSTALLINE ROCK (BIOTITE GNEISS)				
535.0										
530.0										
525.0										
520.0										
515.0										
510.0										
505.0										
500.0										
495.0										