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. EBI-A	**BORING LOCATION** 16+48	**OFFSET** 13' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 581.9'	**NORTHING** 941957	**EASTING** 1702387	
TOTAL DEPTH 17.6'	**DRILL MACHINE** SIMCO-4000 TR	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 5/7/04	**COMPLETION DATE** 5/7/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 14.3'

GROUND WATER
0 HR. DRY
24 HR. DRY

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
581.9										
580.0	4.2	3	3	5	1.0	X 8	SS-20	M		RESIDUAL, ORANGE-BROWN, SANDY SILT WITH WITH SOME MICA
575.0	6.7	2	3	4	1.0	X 7		M		
	9.2	3	5	5	1.0	X 10	SS-21	M		RESIDUAL, ORANGE- BROWN, SILTY SANDY CLAY
570.0	14.2	60			0.1	60/0.1 X				WEATHERED ROCK
565.0										CRYSTALLINE ROCK
560.0						AUGER REFUSAL AT ELEVATION 564.3 FEET IN CRYSTALLINE ROCK (BIOTITE GNEISS)				
555.0										
550.0										
545.0										
540.0										
535.0										
530.0										
525.0										
520.0										
515.0										
510.0										
505.0										

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SITE DESCRIPTION BRIDGE NO. 55 ON -L- (SR 1138) OVER BELEWS CREEK			**GROUND WATER**
BORING NO. EBI-B	**BORING LOCATION** 16+43	**OFFSET** 21' RT	**ALIGNMENT** -L-
COLLAR ELEVATION 583.7'	**NORTHING** 941923	**EASTING** 1702389	
TOTAL DEPTH 6.9'	**DRILL MACHINE** SIMCO-4000 TR	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 5/5/04	**COMPLETION DATE** 5/5/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 6.9'

GROUND WATER
0 HR. DRY
24 HR. DRY

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
583.7										
580.0	3.7	4	3	4	1.0	X 7	SS-14	M		RESIDUAL, ORANGE-BROWN, SILTY SANDY CLAY WITH SOME MICA AND WEATHERED ROCK FRAGMENTS
575.0						AUGER REFUSAL AT ELEVATION 576.8 FEET ON CRYSTALLINE ROCK (BIOTITE GNEISS)				
570.0										
565.0										
560.0										
555.0										
550.0										
545.0										
540.0										
535.0										
530.0										
525.0										
520.0										
515.0										
510.0										
505.0										