

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33234.I.I		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. EB2-A		BORING LOCATION 18+16		OFFSET 21' RT		ALIGNMENT -L-									
COLLAR ELEVATION 581.1'		NORTHING 942013		EASTING 1702542		0 HR. 17.7'									
TOTAL DEPTH 35.2'		DRILL MACHINE SIMCO-4000 TR		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL									
START DATE 5/3/04		COMPLETION DATE 5/4/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100					
581.1															
580.0	3.9	2	2	3	1.0	X 5						SS-1	M		ALLUVIAL, ORANGE-BROWN, SILTY SANDY CLAY WITH SOME MICA
575.0	8.9	5	6	9	1.0	X 15						SS-2	M		BROWN, SAND
570.0	13.9	12	13	19	1.0	X 32						SS-3	D		RESIDUAL, BROWN, SILTY SAND, SAPROLITE
565.0	18.9	6	8	10	1.0	X 18						SS-4	M		ORANGE-BROWN, SANDY SILT, SAPROLITE
560.0	23.9	13	28	40	1.0	X 68						SS-5	D		BROWN, SILTY SAND
555.0	28.9	20	22	78	0.8	100+ X							D		WEATHERED ROCK
550.0	33.9	47	45	55	0.8	100+ X									WEATHERED ROCK
545.0	BORING TERMINATED AT ELEVATION 545.9 FEET IN WEATHERED ROCK (MICA SCHIST)														
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. EB2-B		BORING LOCATION 18+04		OFFSET 21' RT		ALIGNMENT -L-									
COLLAR ELEVATION 580.9'		NORTHING 941970		EASTING 1702546		0 HR. 16.6'									
TOTAL DEPTH 39.8'		DRILL MACHINE SIMCO-4000 TR		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL									
START DATE 5/4/04		COMPLETION DATE 5/4/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100					
580.9															
580.0	4.2	4	5	6	1.0	X 11							M		ALLUVIAL, ORANGE-BROWN, SILTY SANDY CLAY, WITH SOME MICA
575.0	9.2	9	8	8	1.0	X 16							M		TAN-BROWN, SAND
570.0	14.2	11	11	10	1.0	X 21							SS-10		RESIDUAL, BROWN AND WHITE, SILTY SAND SAPROLITE
565.0	19.2	11	7	17	1.0	X 24							D		TAN-BROWN TO RED-BROWN, SANDY SILT
560.0	24.2	11	38	62	0.7	100+ X									WEATHERED ROCK
555.0	29.2	20	80		0.6	100+ X									WEATHERED ROCK
550.0	34.2	15	22	50	1.0	X 72							SS-II		RESIDUAL, TAN-BROWN, SANDY SILT, SAPROLITE WITH COARSE SAND
545.0	39.2	16	84		0.6	100+ X									WEATHERED ROCK
540.0	BORING TERMINATED AT ELEVATION 541.1 FEET IN WEATHERED ROCK (MICA SCHIST)														
535.0															
530.0															
525.0															
520.0															
515.0															
510.0															
505.0															