

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 34459.1.6		ID. R-2552C		COUNTY JOHNSTON		GEOLOGIST J.L. LOVE							
SITE DESCRIPTION NEW BRIDGE ON -L2LT- (US 70 BYPASS) OVER LITTLE CREEK							GROUND WATER						
BORING NO. EB2-C		BORING LOCATION I10+28.8		OFFSET 4.8m LT		ALIGNMENT -L2LT-							
COLLAR ELEV. 58.85m		NORTHING 206175.4		EASTING 659413.6		0 HR. DRY 24 HR. DRY							
TOTAL DEPTH 1.55m		DRILL MACHINE MOBILE B-57		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL							
START DATE 8/11/04		COMPLETION DATE 8/11/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 1.55m							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
58.85													
58.00	0.94	13	12	19	0.30		x 31				D	RESIDUAL, RED-ORANGE, SILTY CLAY HIGHLY PLASTIC	
56.00						AUGER REFUSAL AT ELEVATION 57.30 METERS ON HARD ROCK (META-GABBRO)							
54.00													
52.00													
50.00													
48.00													
46.00													
44.00													
42.00													
40.00													

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 23 OF 31

PROJECT NO. 34459.1.6		ID. R-2552C		COUNTY JOHNSTON		GEOLOGIST J.L. LOVE							
SITE DESCRIPTION NEW BRIDGE ON -L2LT- (US 70 BYPASS) OVER LITTLE CREEK							GROUND WATER						
BORING NO. EB2-B		BORING LOCATION I10+27.5		OFFSET 1.0m RT		ALIGNMENT -L2LT-							
COLLAR ELEV. 58.14m		NORTHING 206170.8		EASTING 659409.9		0 HR. DRY 24 HR. DRY							
TOTAL DEPTH 12.43m		DRILL MACHINE MOBILE B-57		DRILL METHOD H.S. AUGERS		HAMMER TYPE MANUAL							
START DATE 7/29/04		COMPLETION DATE 7/29/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 12.43m							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
58.14													
58.00													
56.00	0.93	8	11	14	0.30		x 25			SS-32	M	RESIDUAL, RED-ORANGE AND TAN, SILTY CLAY AND SANDY SILTY CLAY, MEDIUM TO HIGHLY PLASTIC	
54.00	2.45	5	7	7	0.30		x 14			SS-33	M		
52.00	3.97	2	3	4	0.30		x 7			SS-34	W		
50.00	5.49	10	7	5	0.30		x 12				W		
48.00	7.01	6	5	7	0.30		x 12				W		
46.00	8.53	4	5	8	0.30		x 13				W		
44.00	10.05	7	11	17	0.30		x 28			SS-35	M	TAN-WHITE, SANDY SILT, SAPROLITIC	
42.00	11.57	17	35	55	0.30		x 90			SS-36	M	TAN-GREEN, SILTY SAND, SAPROLITIC	
40.00						AUGER REFUSAL AT ELEVATION 45.71 METERS ON HARD ROCK (META-GRANITE)							