NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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. B3-A	**BORING LOCATION** 109+56.0	**OFFSET** 11.5m LT	**ALIGNMENT** -L2LT-	**0 HR.** N/A
COLLAR ELEV. 55.58m	**NORTHING** 206213.7	**EASTING** 659351.4		**24 HR.** 1.4m
TOTAL DEPTH 16.34m	**DRILL MACHINE** MOBILE B-57	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** MANUAL
START DATE 8/04/04	**COMPLETION DATE** 8/04/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** N/A

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
55.58										
54.00	1.25	3	2	4	0.30	6	SS-43			ALLUVIAL, BROWN, CLAYEY SAND
	2.77	5	17	30	0.30	47	SS-44	W		TAN, SAND WITH TRACE QUARTZ GRAVEL
52.00	4.08	10	11	10	0.30	21	SS-45	M		QUARTZ GRAVEL
50.00	5.60	12	12	17	0.30	29		M		RESIDUAL, WHITE AND TAN, SAND, SAPROLITIC
48.00	7.12	15	13	17	0.30	30		M		
	8.64	20	52	48	0.25	100+				SOFT WEATHERED ROCK (META-GRANITE)
46.00	10.16	70	30		0.17	100+				
44.00	11.68	100			0.12	100+				
	13.20	62	38		0.28	100+				
42.00	14.72	100			0.13	100+				
40.00	16.24	100			0.10	100+				
38.00						BORING TERMINATED AT ELEVATION 39.24 METERS IN SOFT WEATHERED ROCK (META-GRANITE)				
36.00										

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SITE DESCRIPTION NEW BRIDGE ON -L2LT- (US 70 BYPASS) OVER LITTLE CREEK			**GROUND WATER**
BORING NO. B3-B	**BORING LOCATION** 109+56.0	**OFFSET** 1.0m RT	**ALIGNMENT** -L2LT-	**0 HR.** N/A
COLLAR ELEV. 55.49m	**NORTHING** 206202.5	**EASTING** 659345.8		**24 HR.** 1.40m
TOTAL DEPTH 16.2m	**DRILL MACHINE** MOBILE B-57	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** MANUAL
START DATE 8/4/04	**COMPLETION DATE** 8/5/04	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** N/A

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
55.49										
54.00	1.12	4	5	3	0.30	8		M		ALLUVIAL, TAN, CLAYEY SAND
	2.64	3	3	6	0.30	9	SS-46	W		BROWN, COARSE SAND
52.00	4.16	12	12	10	0.30	22		M		RESIDUAL, WHITE, TAN, AND ORANGE, SAND, SAPROLITIC
50.00	5.48	12	12	10	0.30	22		M		
	7.00	15	21	23	0.30	44	SS-47	M		
48.00	8.52	20	28	37	0.30	65		M		
46.00	10.04	18	41	58	0.30	99		M		
44.00	11.56	53	47		0.27	100+				SOFT WEATHERED ROCK (META-GRANITE)
	13.08	75	25		0.18	100+				
42.00	14.6	100			0.11	100+				
40.00	16.12	100			0.08	100+				
38.00						BORING TERMINATED AT ELEVATION 39.29 METERS IN SOFT WEATHERED ROCK (META-GRANITE)				
36.00										