

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1601401		ID B-3157		COUNTY DAVIDSON		GEOLOGIST J.K. STICKNEY									
SITE DESCRIPTION BRIDGES 74 & 76 ON I-85 BUS. OVER SR 1242 & MICHAEL CREEK							GND WATER								
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 4.10ft									
ALIGNMENT L		BORING LOCATION 29+93.000		OFFSET 67.00ft RT		24 HR N/A									
COLLAR ELEV 736.21ft		TOTAL DEPTH 50.10ft		START DATE 11/14/02		COMPLETION DATE 11/14/02									
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH			DEPTH TO ROCK 50.10ft			Log EB2-B, Page 1 of 1									
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100					
736.21															
	3.50	4	8	9	1.0		7								(ROADWAY FILL) RED-BRN V. STIFF MIC. HIGHLY PLASTIC (PI=36) F. SANDY SILTY CLAY
730.00	8.50	5	7	10	1.0		7				SS-9				
	13.50	4	6	10	1.0		16				SS-10				(RESIDUAL) TAN-BRN-ORANGE-BLACK-WHITE MED. DENSE TO DENSE CLAYEY SILTY F. TO CSE. SAND
720.00	18.50	4	6	8	1.0		14				SS-11				
	23.50	5	6	10	1.0		16				SS-12				
710.00	28.50	8	11	13	1.0		24				SS-13				
	33.50	8	13	19	1.0		32								
700.00	38.50	10	15	19	1.0		34								
	43.50	10	17	22	1.0		39								
	48.50	11	31	70	0.8										
686.11															WEATHERED ROCK (SEV. WEATH. GRANITE)
															AUGER REFUSAL AT ELEV. 686.11 ON HARD ROCK