

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG SHEET 9 OF 13

PROJECT NO. 34850.I.I		ID. U-2717		COUNTY GUILFORD		GEOLOGIST C.D. CZAJKA							
SITE DESCRIPTION BRIDGE NO. 218 ON -L- (SR III3) OVER I-85 BUSINESS							GROUND WATER						
BORING NO. EBI-A		BORING LOCATION 40+24.7		OFFSET 16.1 m LT		ALIGNMENT -L-							
COLLAR ELEV. 254.67 m		NORTHING 245512.1		EASTING 524954.2		0 HR. 4.40 m							
TOTAL DEPTH 13.09 m		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
START DATE 1/6/04		COMPLETION DATE 1/7/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
254.67													
254.00	0.75	5	6	9	0.30	X15					SS-1	D	RESIDUAL, ORANGE-BROWN, TAN AND LIGHT BROWN, PLASTIC TO HIGHLY PLASTIC, SILTY CLAY
252.00	2.27	2	3	5	0.30	X8					ST-1 SS-2	D	
250.00	3.79	9	12	15	0.30	X27						D	
248.00	5.31	2	3	5	0.30	X8					SS-3	D	WHITE AND GREEN-GRAY, SAPROLITIC, SILTY SAND
246.00	6.83	6	6	10	0.30	X16						M	
244.00	8.35	8	12	13	0.30	X25						M	
242.00	9.87	15	23	35	0.30	X58					SS-4	D	GRAY-BROWN, SAPROLITIC, SANDY SILT
240.00	11.39	17	21	24	0.30	X45						D	
238.00	12.91	88	12		0.18								
236.00													
BORING TERMINATED AT ELEVATION 241.58 METERS IN WEATHERED ROCK (META-DIORITE)												WEATHERED ROCK (META-DIORITE)	

PROJECT NO. 34850.I.I		ID. U-2717		COUNTY GUILFORD		GEOLOGIST C.D. CZAJKA							
SITE DESCRIPTION BRIDGE NO. 218 ON -L- (SR III3) OVER I-85 BUSINESS							GROUND WATER						
BORING NO. EBI-B		BORING LOCATION 40+09.2		OFFSET 17.1 m RT		ALIGNMENT -L-							
COLLAR ELEV. 254.36 m		NORTHING 245496.0		EASTING 524921.2		0 HR. 4.42 m							
TOTAL DEPTH 11.62 m		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
START DATE 1/7/04		COMPLETION DATE 1/7/04		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
254.36													
254.00	0.75	1	2	5	0.30	X7					SS-5	M	RESIDUAL, RED-ORANGE, HIGHLY PLASTIC, SILTY CLAY
252.00	2.27	5	8	11	0.30	X19					SS-6	M	TAN AND BROWN, SANDY CLAY
250.00	3.79	6	11	12	0.30	X23					SS-7	D	
248.00	5.31	5	8	11	0.30	X19						D	
246.00	6.83	7	10	15	0.30	X25						D	BLUE-BROWN, SILTY SAND WITH COARSE SAND LENSES
244.00	8.35	9	13	17	0.30	X30						D	
242.00	9.87	17	32	35	0.30	X67						D	
240.00	11.39	46	54		0.23								
BORING TERMINATED AT ELEVATION 242.74 METERS IN WEATHERED ROCK (META-DIORITE)												WEATHERED ROCK (META-DIORITE)	