

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG
 SHEET 7 OF 11

PROJECT NO. 33024.1.1		ID. B-3376		COUNTY WAKE		GEOLOGIST O.B. OTI								
SITE DESCRIPTION BRIDGE NO. 246 ON -L- (SR 2564, CREECH RD.) OVER BIG BRANCH CREEK TRIB. NO. 1							GROUND WATER							
BORING NO. EBI-A		BORING LOCATION 12+74.0		OFFSET 4.6m LT		ALIGNMENT -L-								
COLLAR ELEV. 71.46m		NORTHING 219459.6		EASTING 645743.9		0 HR. DRY 24 HR. DRY								
TOTAL DEPTH 5.28m		DRILL MACHINE CME-45		DRILL METHOD H.S. AUGER		HAMMER TYPE AUTOMATIC								
START DATE 11/17/03		COMPLETION DATE 11/17/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 5.28m								
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
71.46														
70.00	1.23	2	2	2	0.30	X-4						M	ROADWAY EMBANKMENT, TAN-BROWN, SILTY SAND	
68.00	2.75	1	1	1	0.30	X-2						M		
	4.27	8	18	16	0.30	X-34				SS-14		M	RESIDUAL, TAN-BROWN, SILTY SAND	
66.00													WEATHERED ROCK (GRANITE)	
						AUGER REFUSAL AT ELEVATION 66.18 METERS ON CRYSTALLINE ROCK (GRANITE)								

PROJECT NO. 33024.1.1		ID. B-3376		COUNTY WAKE		GEOLOGIST C.D. CZAJKA								
SITE DESCRIPTION BRIDGE NO. 246 ON -L- (SR 2564, CREECH RD.) OVER BIG BRANCH CREEK TRIB. NO. 1							GROUND WATER							
BORING NO. EBI-B		BORING LOCATION 12+74.0		OFFSET 5.8m RT		ALIGNMENT -L-								
COLLAR ELEV. 71.13m		NORTHING 219455.1		EASTING 645753.3		0 HR. 3.60m 24 HR. DRY								
TOTAL DEPTH 4.09m		DRILL MACHINE CME-45		DRILL METHOD H.S. AUGER		HAMMER TYPE AUTOMATIC								
START DATE 11/4/03		COMPLETION DATE 11/4/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 4.09m								
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
71.13														
70.00	1.39	2	2	2	0.30	X-4				SS-4		M	ROADWAY EMBANKMENT, ORANGE-BROWN, SANDY CLAY	
68.00	2.91	8	9	13	0.30	X-22				SS-5		D	RESIDUAL, ORANGE-BROWN, SANDY CLAY	
	4.09	60			0.00				60/0.00				ORANGE-GRAY, SAPROLITIC, SILTY SAND	
66.00													WEATHERED ROCK (GRANITE)	
						AUGER REFUSAL AT ELEVATION 67.04 METERS ON CRYSTALLINE ROCK (GRANITE)								