

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2843901		ID B-3614		COUNTY BUNCOMBE		GEOLOGIST P.Q. LOCKAMY								
SITE DESCRIPTION BR300 ON SR1141 OVER HOMINY CREEK							GND WATER							
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT		BORING LOCATION 14+57.000		OFFSET 18.00ft LT		24 HR 8.60ft								
COLLAR ELEV 2176.40ft		TOTAL DEPTH 47.20ft		START DATE 8/20/02		COMPLETION DATE 08/20/02								
DRILL MACHINE CME-550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
2176.40														Ground Surface
	4.60	4	3	5	1.0									EMBANKMENT: BROWN SILT
2170.00	9.60	1	2	2	1.0									ALLUVIUM: SAND & GRAVEL WITH COBBLES.
	14.60	7	2	1	1.0									SAPROLITE: GRAY TO BROWN SANDY SILT
2160.00	19.60	1	2	2	1.0									SAPROLITE: BROWN SANDY SILT
	24.60	4	7	8	1.0									SAPROLITE: BROWN SANDY SILT
2150.00	29.60	2	3	2	1.0									SAPROLITE: BROWN SANDY SILT
	34.60	5	10	11	1.0									SAPROLITE: BROWN SANDY SILT
2140.00	39.60	9	20	47	1.0									SAPROLITE: BROWN SANDY SILT WITH ROCK FRAGS.
	44.60	100			0.0									WEATHERED ROCK GRADES TO HARD ROCK.
2129.20														WEATHERED ROCK.
														BORING TERMINATED AT ELEVATION 2129.2 FEET ON HARD ROCK.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2843901		ID B-3614		COUNTY BUNCOMBE		GEOLOGIST D.O. CHEEK								
SITE DESCRIPTION BR. NO. 300 ON SR. 1141 OVER HOMINY CREEK							GND WATER							
BORING NO EB2-C		NORTHING 0.00		EASTING 0.00		0 HR 6.20ft								
ALIGNMENT -L-		BORING LOCATION 14+64.000		OFFSET 0.00ft		24 HR N/A								
COLLAR ELEV 2173.41ft		TOTAL DEPTH 32.95ft		START DATE 8/29/02		COMPLETION DATE 08/29/02								
DRILL MACHINE CME-550 X			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-C, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100				
2173.41	0.00	1	2	2	1.0									Ground Surface
	3.70				1.0									FILL: BROWN SANDY SILT
2170.00	8.70	0	0	6	1.0									ALLUVIUM: GREY SILTY SAND WITH GRAVEL & WOOD DEBRIS.
	13.70	4	6	10	1.0									ALLUVIUM: GREY FINE TO COARSE SAND WITH GRAVEL.
2160.00	18.70	2	23	24	1.0									SAPROLITE: BROWN SANDY SILT WITH ROCK FRAGS.
	23.70	6	15	23	1.0									SAPROLITE: BROWN SANDY SILT WITH ROCK FRAGS.
2150.00	28.70	86	100	0	0.8									WEATHERED ROCK GRADES TO HARD ROCK.
2140.46														BORING TERMINATED AT ELEVATION 2140.5 FEET ON HARD ROCK.