

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34383.1.1		ID R-2206C		COUNTY CATAWBA		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION BRIDGE ON NC 16 BYPASS OVER REED CRK BETWEEN SR 1855 & NC 16							GND WATER						
BORING NO EB2-A NBL		NORTHING 0.00		EASTING 0.00		0 HR 2.10m							
ALIGNMENT L		BORING LOCATION 257+18.000		OFFSET 10.10m RT		24 HR 2.10m							
COLLAR ELEV 280.26m		TOTAL DEPTH 4.48m		START DATE 12/29/03		COMPLETION DATE 12/29/03							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 4.48m			Log EB2-A NBL, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
280.26													Ground Surface
279.00	1.05	1	1	1	0.30								ALLUVIUM - VERY LOOSE TAN-GRAY SILTY CLAYEY SAND
277.00	2.57	1	2	5	0.30								RESIDUAL - LOOSE TO VERY DENSE TAN-GRAY-WHITE SILTY SAND WITH GRAVEL SIZED ROCK
275.78	4.10	78	22	0.17									WEATHERED ROCK
ROLLER CONE REFUSAL AT ELEVATION 275.781 METERS ON HARD ROCK													

PROJECT NO 34383.1.1		ID R-2206C		COUNTY CATAWBA		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION BRIDGE ON NC 16 BYPASS OVER REED CRK BETWEEN SR 1855 & NC 16							GND WATER						
BORING NO EB2-B NBL		NORTHING 0.00		EASTING 0.00		0 HR 2.50m							
ALIGNMENT L		BORING LOCATION 257+18.000		OFFSET 16.60m RT		24 HR 1.90m							
COLLAR ELEV 280.17m		TOTAL DEPTH 6.00m		START DATE 12/29/03		COMPLETION DATE 12/29/03							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 6.00m			Log EB2-B NBL, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
280.17													Ground Surface
279.00	1.00	2	2	3	0.30								ALLUVIUM - LOOSE TAN-GRAY SILTY CLAYEY SAND
277.00	2.52	1	3	7	0.30								RESIDUAL - MEDIUM DENSE TO VERY DENSE GRAY-WHITE SILTY SAND WITH GRAVEL SIZED ROCK
275.00	4.05	7	25	75	0.20								WEATHERED ROCK
274.17	5.57	100			0.10								WEATHERED ROCK
ROLLER CONE REFUSAL AT ELEVATION 274.171 METERS ON HARD ROCK													