

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830501		ID R-2206C		COUNTY CATAWBA		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION NC 16 (-L-) OVER EAST MAIDEN RD. (-Y15-)							GND WATER						
BORING NO EB2-A LTLN		NORTHING 0.00		EASTING 0.00		0 HR 5.70m							
ALIGNMENT -L-		BORING LOCATION 246+07.000		OFFSET 19.70m LT		24 HR 5.20m							
COLLAR ELEV 293.90m		TOTAL DEPTH 8.10m		START DATE 5/27/03		COMPLETION DATE 05/27/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 8.10m			Log EB2-A LTLN, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
293.90													Ground Surface
293.00	1.25	1	2	3	0.30							M	(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED. STIFF-STIFF, MOIST, SILTY V. SANDY CLAY
291.00	2.77	1	3	5	0.30							M	
289.00	4.30	2	3	3	0.30							M	TAN-WHITE-BLACK, LOOSE, MOIST, SILTY SAND
287.00	5.82	2	100		0.05				100			W	(WEATHERED ROCK)
285.80	7.35	10	14	8	0.30							W	TAN-BROWN-GRAY, MED. DENSE, WET, SILTY F. SAND
												W	(WEATHERED ROCK)
													AUGER REFUSAL AT ELEV. 285.798 METERS ON HARD ROCK

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SITE DESCRIPTION NC 16 (-L-) OVER EAST MAIDEN RD. (-Y15-)							GND WATER						
BORING NO EB2-B LTLN		NORTHING 0.00		EASTING 0.00		0 HR 5.60m							
ALIGNMENT -L-		BORING LOCATION 246+07.000		OFFSET 9.00m LT		24 HR N/A							
COLLAR ELEV 293.78m		TOTAL DEPTH 7.47m		START DATE 5/27/03		COMPLETION DATE 05/27/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 7.47m			Log EB2-B LTLN, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
293.78													Ground Surface
293.00	1.05	1	2	4	0.30							M	(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED.-V. STIFF, MOIST, SILTY V. SANDY CLAY
291.00	2.57	4	9	7	0.30							M	
289.00	4.10	3	4	5	0.30							M	TAN-WHITE-BLK-BRN-GRAY, LOOSE, MOIST, SILTY SAND
287.00	5.62	2	3	4	0.30							M	
286.31	7.15	100			0.08				100			W	(WEATHERED ROCK)
													AUGER REFUSAL AT ELEV. 286.312 METERS ON HARD ROCK