

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33240.1.1		ID B-3700		COUNTY STANLY		GEOLOGIST J.K. STICKNEY						
SITE DESCRIPTION BRIDGE NO. 187 ON SR 1214 OVER LONG CREEK												
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		GND WATER 0 HR 14.00ft						
ALIGNMENT L		BORING LOCATION 17+42.500		OFFSET 10.40ft LT		24 HR 12.40ft						
COLLAR ELEV 488.95ft		TOTAL DEPTH 29.90ft		START DATE 6/17/04		COMPLETION DATE 06/17/04						
DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH		DEPTH TO ROCK 29.90ft		Log EB2-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
488.95												Ground Surface
	3.70	2	1	1	1.0	2				SS-3	M	(ROADWAY FILL) RED-BRN-ORANGE V. SOFT-SOFT MOIST SANDY CLAYEY SILT (A-4)
480.00	8.70	2	3	3	1.0	6				SS-4	M	TAN-YELLOW-BRN MED. STIFF MOIST SANDY SILTY CLAY (A-7-6)
	13.70	2	3	2	1.0	5				SS-5	M	(ALLUVIUM) BLUE-GRAY MED. STIFF MOIST F. SANDY SILTY CLAY (A-7-5)
470.00	18.70	2	3	5	1.0	8				SS-6	M-W	(RESIDUAL) TAN-YELLOW MED. STIFF-STIFF SAT. SANDY V. SILTY CLAY (A-7-5)
	23.70	3	7	11	1.0	18				SS-7	SAT	BRN-GRAY V. STIFF SAT. SANDY SILT (A-5)
460.00 459.05	28.70	14	80	20	0.6	100						WEATHERED ROCK
												AUGER-REFUSAL AT ELEV. 459.05' ON HARD ROCK

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SITE DESCRIPTION BRIDGE NO. 187 ON SR 1214 OVER LONG CREEK												
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		GND WATER 0 HR 15.50ft						
ALIGNMENT L		BORING LOCATION 17+38.000		OFFSET 13.10ft RT		24 HR 12.60ft						
COLLAR ELEV 488.76ft		TOTAL DEPTH 20.40ft		START DATE 6/17/04		COMPLETION DATE 06/17/04						
DRILL MACHINE CME-550X		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A		DEPTH TO ROCK 20.40ft		Log EB2-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
488.76												Ground Surface
	3.60	2	3	4	1.0	7						(ROADWAY FILL) RED-BRN-ORANGE MED. STIFF MOIST SANDY CLAYEY SILT (A-4)
480.00	8.60	5	8	8	1.0	16				SS-8	M	TAN-YELLOW-BRN V. STIFF MOIST F. SANDY SILTY CLAY (A-7-6)
	13.60	4	8	8	1.0	16						(RESIDUAL) BRN-TAN V. STIFF MOIST F. SANDY CLAYEY SILT (A-4)
470.00 468.36	18.60	14	19	21	1.0	40						BLUE-GRAY DENSE SAT. CLAYEY SILTY CSE. SAND W/GRAVEL (SEV. WEATH. ARGILLITE)
												AUGER-REFUSAL AT ELEV. 468.36' ON HARD ROCK