NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2711301	ID B-2905	COUNTY ASHE	GEOLOGIST RIDDLE, R.E.
SITE DESCRIPTION BRIDGE N0. 113 ON SR-1179 OVER S. FORK NEW RIVER			GND WATER
BORING NO EB2-B	NORTHING 0.00	EASTING 0.00	0 HR 0.00ft
ALIGNMENT -L-	BORING LOCATION 21+00.000	OFFSET 15.00ft RT	24 HR 7.00ft
COLLAR ELEV 2827.07ft	TOTAL DEPTH 11.20ft	START DATE 3/22/00	COMPLETION DATE 03/22/00
DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC
SURFACE WATER DEPTH N/A	DEPTH TO ROCK 11.20ft		Log EB2-B, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	6in	6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2827.07						Ground Surface				
	3.40	0	1	1	1.0	2 100				EMBANKMENT: ROCK FRAGS.
2820.00										ALLUVIUM: BROWN, SLIGHTLY MICACEOUS, SANDY SILT WITH SOME GRAVEL.
	8.40	5	25	100	0.85					S. & H. WEATHERED RK.: SL.SD.
2815.87						AUGER REFUSAL ON ROCK (MICACEOUS GNEISS) AT ELEVATION 2815.87 FEET.				

SOIL TEST RESULTS

16/22

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	PL. I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING SIEVES 10	40	200	% MOISTURE	% ORGANIC
SS-1	15' LT	17+10	3.8-4.8	A-4 (1)	31	5	17	43	22	18	82	76	40		
SS-2	7' RT	17+85	8.5-9.01	A-2-4 (0)	36	NP	20	65	13	2	95	88	28		
SS-3	0.0'	19+50	6.2-6.85	A-2-4 (0)	34	NP	14	69	15	2	98	93	33		
SS-4	0.0'	19+50	16.7-17.7	A-2-4 (0)	34	NP	19	65	14	2	93	87	29		