

SOIL CLASSIFICATION AND GRADATION SHEET

BRIDGE #57 ON NC-88 OVER BUFFALO CREEK

NC DOT Project No: 8.1711301- T.I.P. No: B-3300

ASHE COUNTY

TIERRA, INC. PROJECT NO: 6211-03-017

BORING #		SAMPLE #	TOTAL SAMPLE			MINUS 2.00 mm FRACTION				Atterberg Limits		MC
AASHTO Classification			PERCENT PASSING			PERCENT RETAINED				LL	PI	%
STATION #	OFFSET (FEET)	DEPTH (FEET)	#10	#40	#200	Coarse Sand	Fine Sand	SILT	CLAY			
EB1A-2		SS-1	96	89	54	14	41	21	24	39	NP	34.7
A-4 (0)												
16+72	19 ft LT	1.0 - 2.5										
EBIA-2		SS-2	39	26	9	46	37	11 <sup>0</sup>	6	-	-	-
A-1-a (1)												
16+72	19 ft LT	14.0 - 15.5										
EB1B-2		SS-3	86	75	31	24	51	12	13	24	NP	
A-2-4 (0)												
16+88	15 ft RT	1.0 - 2.5										
EB1B-2		SS-4	85	73	23	29	53	10	8	21	NP	-
A-2-4 (0)												
16+88	15 ft RT	13.5 - 15.0										
EB2A		SS-5	90	64	28	44	32	14	10	24	NP	13.2
A-2-4 (0)												
17+81	15 ft LT	8.5 - 10.0										
EB2B		SS-6	95	90	64	10	33	22	35	39	15	24.5
A-6 (8)												
18+00	14 ft RT	6.0 - 7.5										
EB2B		SS-7	100	94	31	21	60	13	6	31	NP	-
A-2-4 (0)												
18+00	14 ft RT	18.5 - 20.0										