

PROJECT #: 8.1711301 (B-3300)

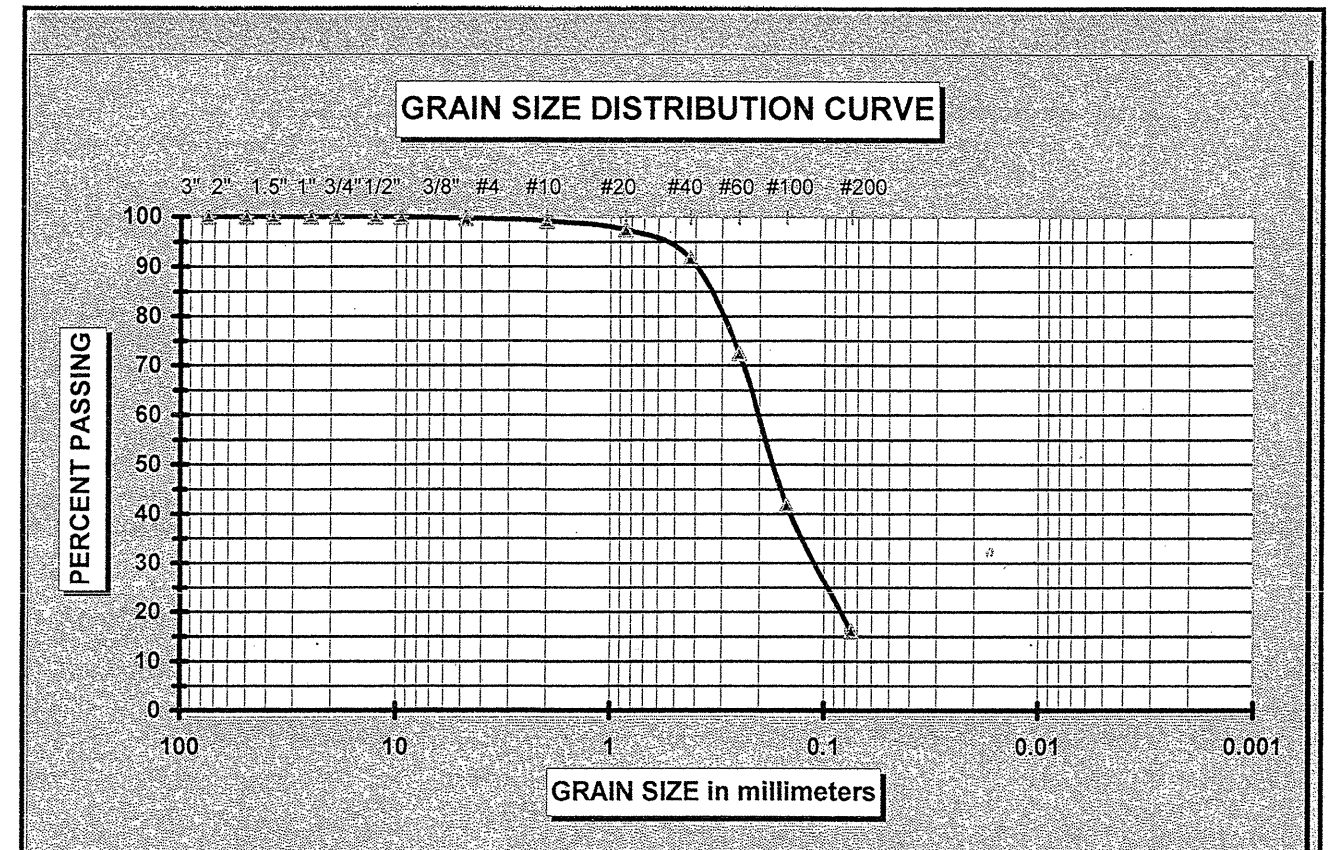
COUNTY: ASHE

DESCRIPTION: BRIDGE # 57 ON NC 88 OVER BUFFALO CREEK

BRIDGE #57 ON NC-88 OVER BUFFALO CREEK

ASHE COUNTY, NORTH CAROLINA

	CHANNEL BED MATERIAL		CHANNEL BANK MATERIAL	
SAMPLE #	S-2		S-1	
RETAINED #4			0.3	
PASSING #10	7.1		99.1	
PASSING #40	3.5		91.7	
PASSING #200	0.2		16.1	
COURSE GRAVEL	26.0			
FINE GRAVEL	57.0			
COARSE SAND	9.9		1.0	
MEDIUM SAND	3.6		7.0	
FINE SAND	3.3		76.0	
SILT/CLAY	0.2		16.0	
LL	N/A		N/A	
PL	N/A		N/A	
AASHTO CLASSIFICATION	A-1-a		A-2-4	
STATION				
OFFSET				
DEPTH	surface		surface	



ASTM D 2487 Classification of Soil for Engineering Purposes		Coarse Sand	< #4 and > #10	Cu = D60 / D10
Coarse Gravel	< 3" and > 3/4"	Medium Sand	< #10 and > #40	Cc = (D30) ² / (D10 x D60)
Fine Gravel	< 3/4" and > #4	Fine Sand	< #40 and > #200	

BORING #: BANK SAMPLE #: S-1 DEPTH: SURFACE

LOCATION:

BROWN MICACEOUS SILTY COURSE-FINE SAND A-2-4 (0)

% PASSING #200 SIEVE : 16%

NATURAL MOISTURE CONTENT = N/A

ATTERBERG LIMIT (- #40 Material)

LIQUID LIMIT	-
PLASTIC LIMIT	-
PLASTIC INDEX	NP