

PROJECT #: 8.2711901 (B-3607)

COUNTY: ASHE

DESCRIPTION: BRIDGE 503 ON SR 1674 OVER BUFFALO CREEK

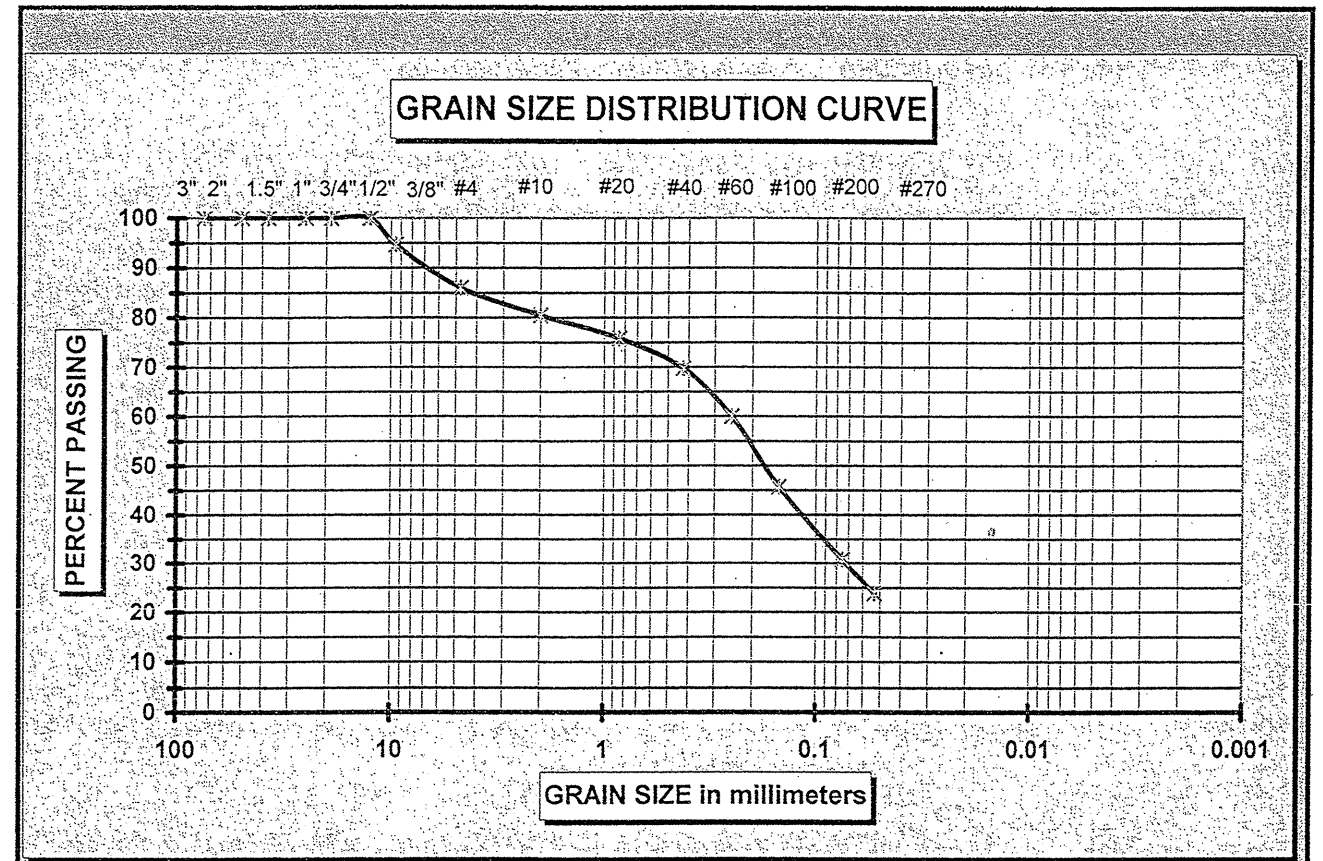
	CHANNEL BED MATERIAL	CHANNEL BANK MATERIAL
SAMPLE #		EB2B
RETAINED #4		14
PASSING #10		81
PASSING #40		70
PASSING #200		31
COARSE SAND		25.0
FINE SAND		45.0
SILT		12.0
CLAY		18.0
LL		27
PL		NP
AASHTO CLASSIFICATION		A-2-4
STATION		11+33
OFFSET		8' RT
DEPTH		8.5 - 10.0

TIERRA, INC.

2701 ROWLAND ROAD, RALEIGH, NORTH CAROLINA 27615

BRIDGE #503 ON S.R. 1674 OVER BUFFALO CREEK

ASHE COUNTY, NORTH CAROLINA



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 #: EB2B SAMPLE #: SS-4 DEPTH: 8.5 - 10.0 FT.

Dark Brown Micaceous Silty Clayey Sand with Gravel A-2-4 (0)
 % PASSING #200 SIEVE : 31%
 NATURAL MOISTURE CONTENT = N/A

ATTERBERG LIMIT (- #40 Material)	
LIQUID LIMIT	27
PLASTIC LIMIT	-
PLASTIC INDEX	NP

TIERRA, INC. PROJECT #: 6213-03-016