

WBS ELEMENT #: 34209.1.1

TIP #: I-4025A

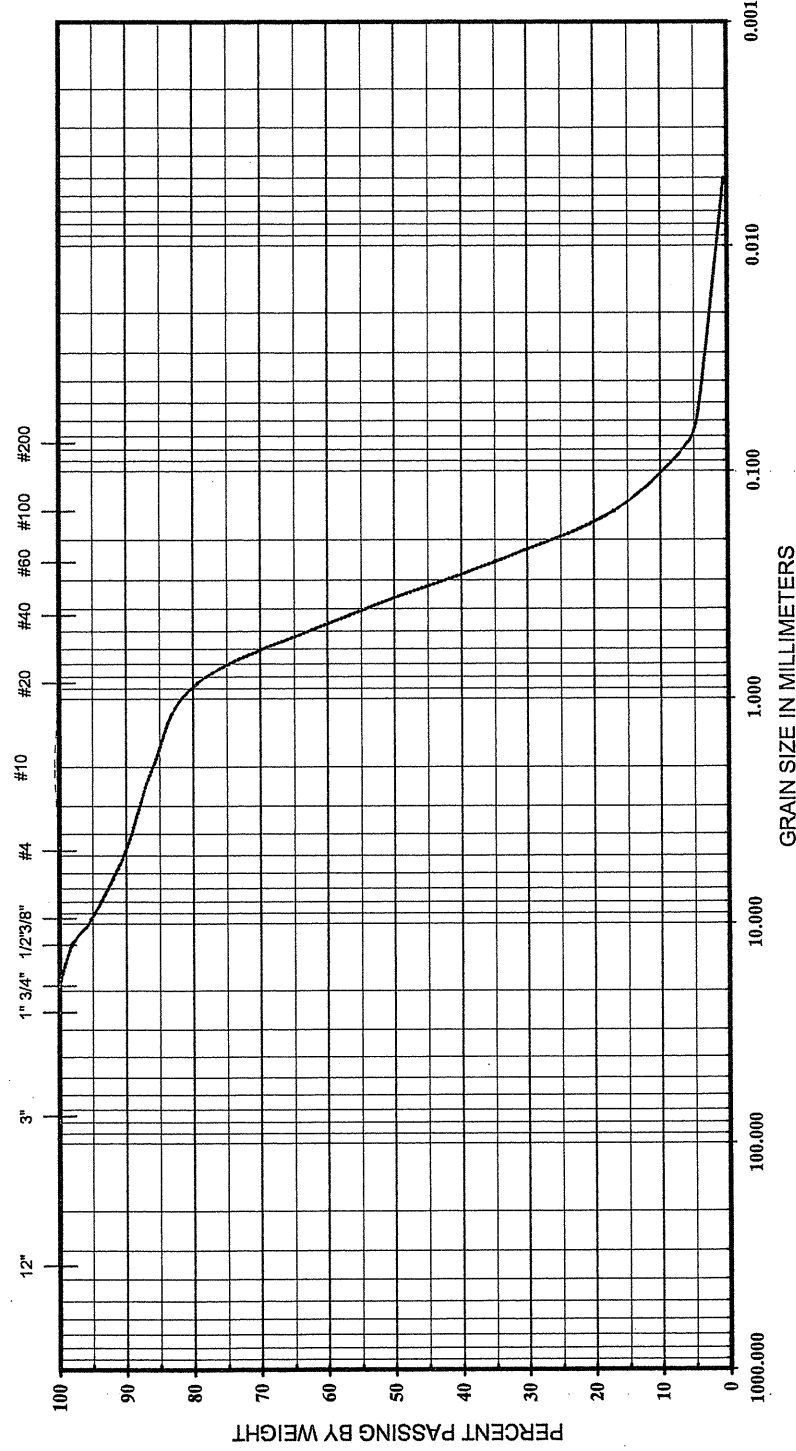
COUNTY: Yadkin/Surry

DESCRIPTION: Bridge No. 13 on I-77 SBL over the Yadkin River, Yadkin Valley

Railroad, and NC 268

SAMPLE #	CHANNEL BED MATERIAL			CHANNEL BANK MATERIAL			
	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-13
RETAINED #4	10%	29%	18%	0%	24%	0%	0%
PASSING #10	86%	65%	80%	100%	63%	100%	100%
PASSING #40	57%	24%	69%	98%	43%	100%	99%
PASSING #200	6%	2%	44%	12%	21%	52%	37%
COARSE SAND	59%	85%	22%	18%	43%	3%	8%
FINE SAND	36%	14%	28%	74%	28%	56%	42%
SILT	4%	1%	44%	3%	25%	27%	41%
CLAY	1%	0%	6%	5%	4%	14%	9%
LL	10	9	28	17	23	25	18
PI	NP	NP	NP	NP	NP	NP	NP
AASHTO CLASSIFICATION	A-3 (0)	A-1-b (0)	A-4 (0)	A-2-4 (0)	A-1-b (0)	A-4 (0)	A-4 (0)
STATION	27+08	27+30	28+50	28+95	28+95	28+99	29+65
OFFSET	29' LT	33' LT	26' LT	31' LT	31' LT	31' RT	31' RT
DEPTH (Feet)	0.0-1.5	0.0-1.5	3.5-5.0	1.0-2.5	18.5-20.0	8.5-10.0	6.0-7.5

U S STANDARD SIEVE SIZES



BOULDERS	COBBLES	GRAVEL		SAND		FINES	
		COARSE	FINE	COARSE	FINE	SILT	CLAY

BORING NO.	SAMPLE NO.	ELEVATION OR DEPTH	NMC %	CLASSIFICATION			GRAIN SIZE DISTRIBUTION
				LL	PL	PI	
B1-A SS	SS-6	0.0-1.5	-	10	NP	NP	ALLUVIUM: Very Loose, Tan, Fine to Coarse SAND with a Little Gravel (A-3)

Bridge No. 13 on I-77 SBL over the Yadkin River, Yadkin Valley Railroad, and NC 268

0711-04-006

5/24/2004

