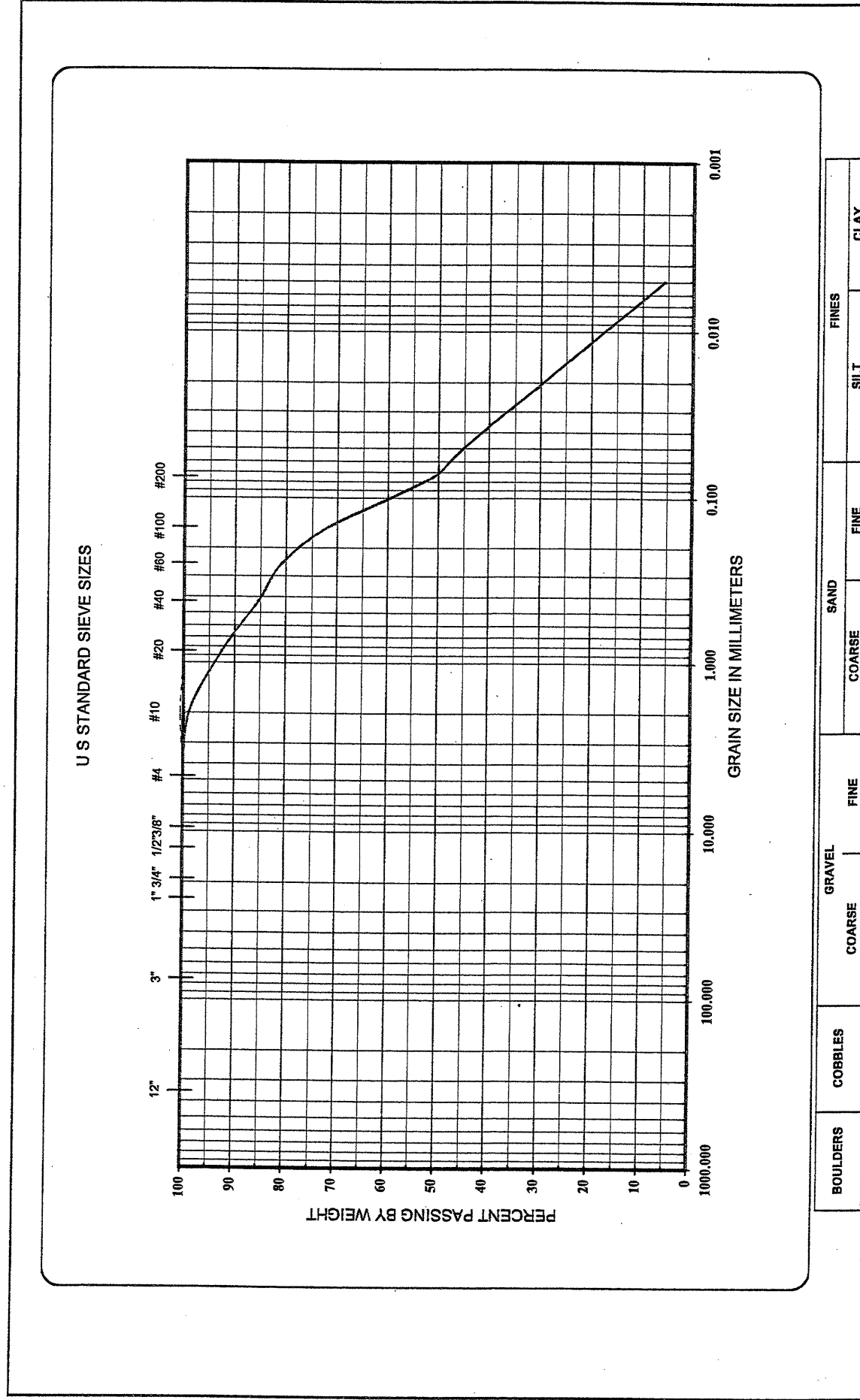


PROJECT #: 8.2495201 (B-3646)

COUNTY: Guilford

DESCRIPTION: Bridge No. 185 over the Haw River on SR 2712

| SAMPLE # | CHANNEL BED MATERIAL | | | | | CHANNEL BANK MATERIAL | | | | |
|-----------------------|----------------------|-----------|-----------|-----------|------------|-----------------------|-----------|-----------|--|--|
| | SS-5 | SS-6 | SS-8 | SS-9 | SS-2 | SS-11 | G-1 | G-2 | | |
| RETAINED #4 | 0% | 3% | 29% | 10% | 0% | 1% | 0% | 4% | | |
| PASSING #10 | 99% | 95% | 63% | 87% | 100% | 99% | 99% | 94% | | |
| PASSING #40 | 85% | 76% | 41% | 71% | 98% | 91% | 98% | 90% | | |
| PASSING #200 | 51% | 49% | 11% | 29% | 53% | 35% | 52% | 50% | | |
| COARSE SAND | 18% | 26% | 55% | 36% | 5% | 18% | 8% | 11% | | |
| FINE SAND | 36% | 25% | 29% | 33% | 46% | 51% | 45% | 43% | | |
| SILT | 40% | 41% | 13% | 22% | 29% | 23% | 26% | 27% | | |
| CLAY | 6% | 8% | 3% | 9% | 20% | 8% | 21% | 19% | | |
| LL | 26 | 25 | 26 | 21 | 28 | 18 | 29 | 41 | | |
| PI | NP | NP | 7 | NP | 7 | NP | 7 | 10 | | |
| AASHTO CLASSIFICATION | A-4 (0) | A-4 (0) | A-4 (0) | A-1-b (0) | A-4 (1) | A-2-4 (0) | A-4 (1) | A-5 (3) | | |
| STATION | 16+23 | 16+23 | 16+67 | 16+67 | 15+86 | 17+16 | 16+19 | 16+80 | | |
| OFFSET | 6' RT | 6' RT | 6' RT | 6' RT | 16' LT | 16' LT | 8' LT | 8' RT | | |
| DEPTH | 0.0'-1.5' | 6.0'-7.5' | 0.0'-1.5' | 6.0'-7.5' | 8.5'-10.0' | 13.5'-15.0' | 0.0'-0.5' | 0.0'-0.5' | | |



| | | | | | | |
|----------|---------|--------|------|--------|-------|------|
| BOULDERS | COBBLES | GRAVEL | SAND | | FINES | |
| | | COARSE | FINE | COARSE | FINE | CLAY |

| BORING NO. | SAMPLE NO. | ELEVATION OR DEPTH | NMC % | LL | PL | PI | CLASSIFICATION | | | GRAIN SIZE DISTRIBUTION |
|------------|------------|--------------------|-------|----|----|----|----------------|----|----|---|
| | | | | | | | NP | PL | PI | |
| B1-B | SS-5 | 0.0-1.5 | 28.8 | 26 | NP | NP | NP | NP | NP | Residual - Hard, Brown and Orange, Coarse to Fine Sandy SILT (A-4) With a Trace of Clay |

