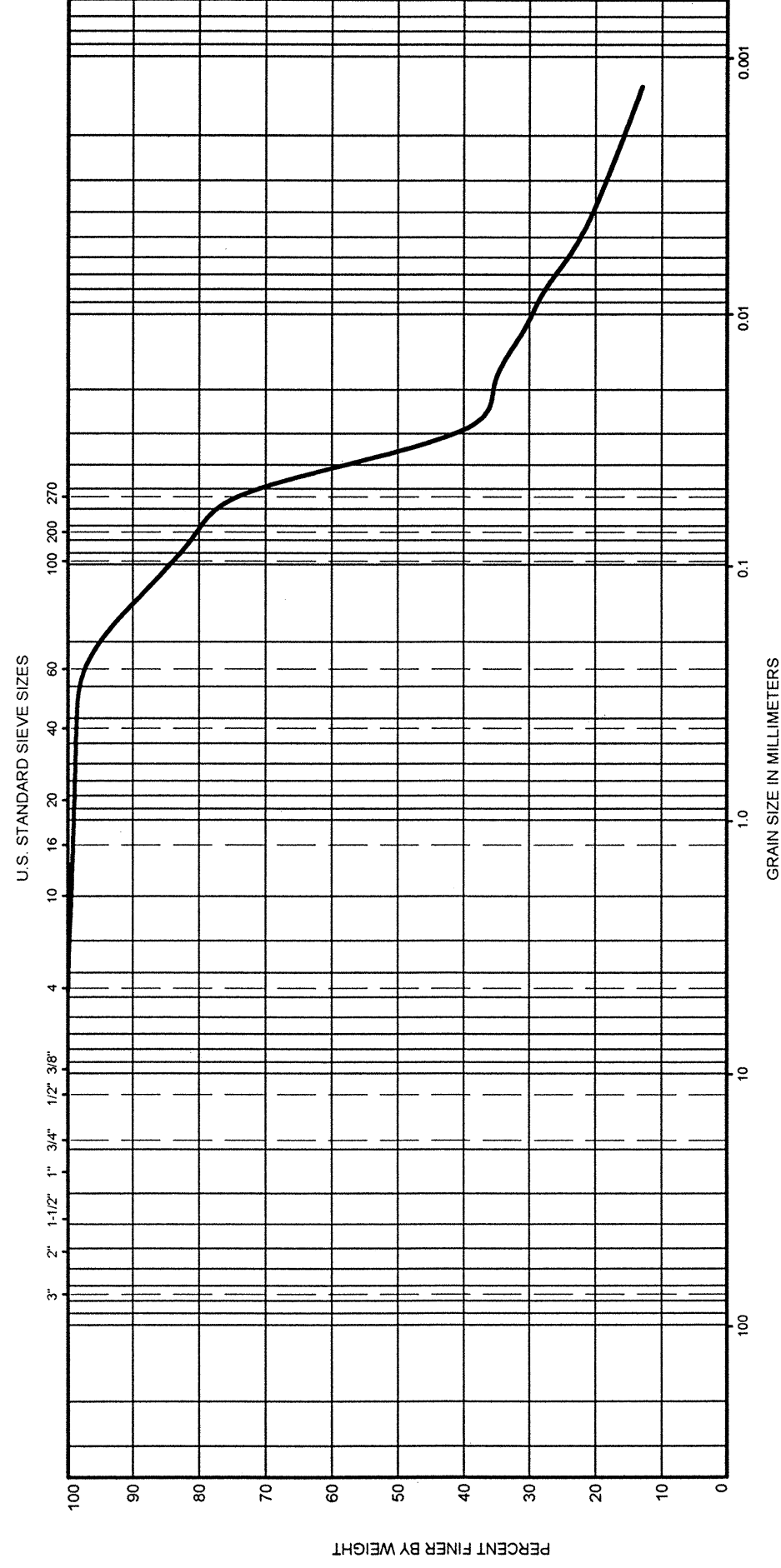


|              |         |            |        |  |        |  |       |  |
|--------------|---------|------------|--------|--|--------|--|-------|--|
| BOUL<br>DERS | COBBLES |            | GRAVEL |  | SAND   |  | FINES |  |
|              | COARSE  |            | FINE   |  | COARSE |  | FINE  |  |
| SILT SIZES   |         | CLAY SIZES |        |  |        |  |       |  |

**GRAIN SIZE DISTRIBUTION**

Bridge No. 4 over Smokey Creek on SR  
1515  
Burke County, NC  
State Project No. 33410.1.1/B-4044

| SAMPLE ID.   | DEPTH(FT) | NMC % | LL | PL | PI | DESCRIPTION OR CLASSIFICATION                                   |
|--------------|-----------|-------|----|----|----|---|
|              |           |       |    |    |    |   |
| B1-A<br>SS-2 | 3.5 - 5.0 | N/A   | 21 | NP | NP | Alluvial-V Loose Brown-Orange Silty Coarse to Fine SAND (A-2-4) |



|              |         |            |        |  |        |  |       |  |
|--------------|---------|------------|--------|--|--------|--|-------|--|
| BOUL<br>DERS | COBBLES |            | GRAVEL |  | SAND   |  | FINES |  |
|              | COARSE  |            | FINE   |  | COARSE |  | FINE  |  |
| SILT SIZES   |         | CLAY SIZES |        |  |        |  |       |  |

**GRAIN SIZE DISTRIBUTION**

Bridge No. 4 over Smokey Creek on SR  
1515  
Burke County, NC  
State Project No. 33410.1.1/B-4044

| SAMPLE ID.   | DEPTH(FT)  | NMC % | LL | PL | PI | DESCRIPTION OR CLASSIFICATION                               |
|--------------|------------|-------|----|----|----|---|
|              |            |       |    |    |    |   |
| B2-B<br>SS-4 | 8.5 - 10.0 | 67.0  | 44 | 34 | 10 | Alluvial-V Soft Grey Micaceous Fine Sandy Clayey SILT (A-5) |