

Anchor Environmental  
00010501/T2

Apparent Grain Size Distribution Summary  
Percent Retained in Each Size Fraction

| Sample No.           | Gravel          | Very Coarse Sand        | Coarse Sand         | Medium Sand        | Fine Sand           | Very Fine Sand      | Coarse Silt | Medium Silt | Fine Silt | Very Fine Silt | Clay    |         |      |
|----------------------|-----------------|-------------------------|---------------------|--------------------|---------------------|---------------------|-------------|-------------|-----------|----------------|---------|---------|------|
| Phi Size             | > -1            | -1 to 0                 | 0 to 1              | 1 to 2             | 2 to 3              | 3 to 4              | 4 to 5      | 5 to 6      | 6 to 7    | 7 to 8         | 8 to 9  | 9 to 10 | < 10 |
| Sieve Size (microns) | > #10<br>(2000) | 10 to 18<br>(2000-1000) | 18-35<br>(1000-500) | 35-60<br>(500-250) | 60-120<br>(250-125) | 120-230<br>(125-62) | 62.5-31.0   | 31.0-15.6   | 15.6-7.8  | 7.8-3.9        | 3.9-2.0 | 2.0-1.0 | <1.0 |
| AN-RI-SEDC-04B       | 1.7             | 0.7                     | 0.7                 | 1.3                | 2.8                 | 12.2                | 34.2        | 17.1        | 8.4       | 4.5            | 3.5     | 4.0     | 8.8  |
| AN-RI-SEDC-04B       | 0.9             | 0.6                     | 0.6                 | 1.3                | 2.8                 | 12.0                | 33.5        | 18.2        | 8.7       | 4.6            | 3.8     | 4.0     | 9.0  |
| AN-RI-SEDC-04B       | 1.5             | 0.6                     | 0.7                 | 1.3                | 2.9                 | 12.0                | 31.5        | 19.5        | 8.7       | 4.4            | 3.9     | 3.8     | 9.2  |
| AN-RI-SEDC-01A       | 4.1             | 0.9                     | 2.3                 | 10.4               | 54.7                | 13.8                | 4.4         | 2.6         | 1.7       | 1.2            | 0.8     | 0.9     | 2.3  |
| AN-RI-SEDC-01B       | 18.0            | 2.9                     | 2.2                 | 8.6                | 43.8                | 8.3                 | 2.8         | 3.5         | 2.8       | 1.7            | 1.2     | 1.3     | 2.9  |
| AN-RI-SEDC-01C       | 4.5             | 5.4                     | 5.6                 | 5.4                | 9.7                 | 5.8                 | 7.2         | 9.0         | 10.9      | 12.2           | 4.0     | 5.8     | 14.5 |
| AN-RI-SEDC-03A       | 30.0            | 5.9                     | 6.4                 | 10.6               | 12.9                | 12.6                | 5.4         | 3.5         | 2.9       | 2.3            | 1.8     | 1.5     | 4.1  |
| AN-RI-SEDC-03B       | 10.6            | 7.0                     | 7.1                 | 12.0               | 11.7                | 7.7                 | 7.3         | 8.7         | 7.4       | 5.5            | 4.6     | 3.0     | 7.4  |
| AN-RI-SEDC-03C       | 10.5            | 7.3                     | 7.8                 | 11.1               | 11.2                | 7.0                 | 7.6         | 9.9         | 7.8       | 5.6            | 4.2     | 2.8     | 7.2  |
| AN-RI-SEDC-04A       | 10.5            | 3.3                     | 2.9                 | 10.9               | 21.4                | 12.9                | 15.7        | 7.6         | 4.0       | 2.5            | 1.9     | 1.9     | 4.5  |
| AN-RI-SEDC-04C       | 1.4             | 0.4                     | 0.6                 | 1.3                | 2.6                 | 6.4                 | 29.4        | 25.5        | 11.5      | 5.1            | 3.1     | 3.4     | 9.3  |
| AN-RI-SEDS-05-SS     | 0.3             | 0.4                     | 1.4                 | 17.5               | 46.2                | 11.8                | 4.0         | 5.1         | 3.4       | 2.2            | 1.6     | 1.4     | 4.7  |
| AN-RI-SEDS-20-WD     | 1.7             | 1.3                     | 2.5                 | 2.8                | 8.1                 | 34.0                | 25.7        | 8.6         | 3.4       | 2.4            | 1.4     | 1.6     | 6.4  |

Notes to the Testing:

- Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

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