

Sample Number: AN-RI-SEDC-01C

100 99 95 90 84 79 69 64 56 47 36 24 15
9500 4750 2000 1000 500 250 125 62.5 31.2 15.6 7.8 3.9 1.95 1
3/8" 4 10 18 35 60 120 230

| Sieve Analysis Portion | | | | Pipette Portion | | | |
|------------------------|-----------------------|----------------|------------------|-----------------|-------------------|---------|-----------|
| Sieve Size | Weight of Soil + Tare | Weight of Soil | Percent Retained | Percent Passing | Dry Weight + Tare | Soil Wt | Soil x 50 |
| Tare | 50.5260 | 0 | 0 | 100.0 | 1.9313 | 0.4407 | 22.035 |
| 4 | 50.8202 | 0.2942 | 1 | 99.1 | 1.8583 | 0.3907 | 19.535 |
| 10 | 52.0485 | 1.5225 | 5 | 95.5 | 1.8042 | 0.3299 | 16.495 |
| 18 | 53.8766 | 3.3506 | 10 | 90.0 | 1.7491 | 0.2562 | 12.81 |
| 35 | 55.7448 | 5.2188 | 16 | 84.5 | 1.6601 | 0.1735 | 8.675 |
| 60 | 57.5749 | 7.0489 | 21 | 79.0 | 1.6288 | 0.1465 | 7.325 |
| 120 | 60.8546 | 10.3286 | 31 | 69.3 | 1.5644 | 0.1075 | 5.375 |
| 230 | 62.7942 | 12.2682 | 36 | 63.5 | | | |

Weight of Calgon = 0.4647

| | |
|-------------------|-------------|
| Wt Tare | 1.4753 |
| Wet Wt & Tare | 27.4211 |
| Dry Wt & Tare | 22.6839 |
| Wt Moisture | 4.7372 |
| Dry Soil | 21.2086 |
| Moisture Content | 0.223362221 |
| Wt Tare | 50.5256 |
| Wet Wt & Tare | 91.6857 |
| Dry Wt & Tare | 63.3922 |
| Wt Total Solids | 33.64506382 |
| Wt -230 Solids | 21.37646382 |
| QA (before/after) | 0.994283547 |

Tot solids 81.74193897

41.1601
33.8385
7.3216
0.216369