

# Sediment Analysis Data Sheet

Sample A-17-9.0

| Sieve | Size<br>(mm) | Phi<br>size | Wt     | Wt<br>% | Cuml<br>% | Folk     | Statistics<br>phi | mm   |
|-------|--------------|-------------|--------|---------|-----------|----------|-------------------|------|
|       | 16.00        | -4.00       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 11.31        | -3.50       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 8.00         | -3.00       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 5.66         | -2.50       | 0.40   | 1.20    | 1.20      | 5% :     | -1.95             | 3.87 |
| 5     | 4.00         | -2.00       | 1.22   | 3.68    | 4.88      | 16% :    | 2.38              | 0.19 |
| 7     | 2.83         | -1.50       | 0.42   | 1.26    | 6.14      | 25% :    | 2.56              | 0.17 |
| 10    | 2.00         | -1.00       | 0.33   | 0.99    | 7.13      | 50% :    | 2.76              | 0.15 |
| 14    | 1.41         | -0.50       | 0.20   | 0.62    | 7.75      | 75% :    | 2.97              | 0.13 |
| 18    | 1.00         | 0.00        | 0.07   | 0.22    | 7.97      | 84% :    | 3.14              | 0.11 |
| 25    | 0.71         | 0.50        | 0.10   | 0.29    | 8.26      | 95% :    | 3.42              | 0.09 |
| 35    | 0.50         | 1.00        | 0.07   | 0.21    | 8.47      |          |                   |      |
| 45    | 0.35         | 1.50        | 0.09   | 0.28    | 8.75      | Med.     | 2.76              | 0.15 |
| 60    | 0.25         | 2.00        | 0.14   | 0.42    | 9.17      | Mean     | 2.76              | 0.15 |
| 80    | 0.18         | 2.50        | 2.97   | 8.96    | 18.12     | St Dev.  | 1.00              |      |
| 120   | 0.13         | 3.00        | 19.99  | 60.28   | 78.41     | Skew     | -0.38             |      |
| 170   | 0.09         | 3.50        | 6.59   | 19.88   | 98.28     | Kurt.    | 5.31              |      |
| 200   | 0.07         | 3.75        | 0.19   | 0.57    | 98.86     |          |                   |      |
| Pan   |              |             | 0.01   | 0.04    | 98.90     |          |                   |      |
| Total |              |             | 32.80  | 98.90   | 98.90     |          |                   |      |
|       |              |             |        |         |           | Moment   | Statistics        |      |
|       |              |             |        |         |           |          | Phi               | mm   |
| Cu =  | 1.53         |             | Gravel |         | 3 %       | Mean     | 2.41              | 0.19 |
|       |              |             | Coarse | Sand    | 4 %       | St. Dev. | 1.35              | 0.39 |
|       |              |             | Med.   | Sand    | 1 %       | Skewness | -2.85             |      |
| Cc =  | 1.08         |             | Fine   | Sand    | 90 %      | Kurtosis | 9.95              |      |

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# Sediment Analysis Data Sheet

Sample A-17-16.0

| Sieve | Size<br>(mm) | Phi<br>size | Wt     | Wt<br>% | Cuml<br>% | Folk     | Statistics<br>phi | mm   |
|-------|--------------|-------------|--------|---------|-----------|----------|-------------------|------|
|       | 16.00        | -4.00       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 11.31        | -3.50       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 8.00         | -3.00       | 0.00   | 0.00    | 0.00      |          |                   |      |
|       | 5.66         | -2.50       | 0.00   | 0.00    | 0.00      | 5% :     | 2.02              | 0.25 |
| 5     | 4.00         | -2.00       | 0.00   | 0.00    | 0.00      | 16% :    | 2.17              | 0.22 |
| 7     | 2.83         | -1.50       | 0.00   | 0.00    | 0.00      | 25% :    | 2.29              | 0.20 |
| 10    | 2.00         | -1.00       | 0.00   | 0.01    | 0.01      | 50% :    | 2.59              | 0.17 |
| 14    | 1.41         | -0.50       | 0.01   | 0.04    | 0.04      | 75% :    | 2.83              | 0.14 |
| 18    | 1.00         | 0.00        | 0.01   | 0.03    | 0.07      | 84% :    | 2.92              | 0.13 |
| 25    | 0.71         | 0.50        | 0.01   | 0.02    | 0.08      | 95% :    | 3.21              | 0.11 |
| 35    | 0.50         | 1.00        | 0.01   | 0.04    | 0.12      |          |                   |      |
| 45    | 0.35         | 1.50        | 0.06   | 0.15    | 0.27      | Med.     | 2.59              | 0.17 |
| 60    | 0.25         | 2.00        | 1.09   | 2.94    | 3.21      | Mean     | 2.56              | 0.17 |
| 80    | 0.18         | 2.50        | 13.73  | 37.20   | 40.41     | St Dev.  | 0.37              |      |
| 120   | 0.13         | 3.00        | 19.21  | 52.05   | 92.46     | Skew     | -0.04             |      |
| 170   | 0.09         | 3.50        | 2.25   | 6.09    | 98.55     | Kurt.    | 0.90              |      |
| 200   | 0.07         | 3.75        | 0.12   | 0.32    | 98.86     |          |                   |      |
| Pan   |              |             | 0.01   | 0.04    | 98.90     |          |                   |      |
| Total |              |             | 36.50  | 98.90   | 98.90     |          |                   |      |
|       |              |             |        |         |           | Moment   | Statistics        |      |
|       |              |             |        |         |           |          | Phi               | mm   |
| Cu =  | 1.40         |             | Gravel |         | 0 %       | Mean     | 2.56              | 0.17 |
|       |              |             | Coarse | Sand    | 0 %       | St. Dev. | 0.35              | 0.79 |
|       |              |             | Med.   | Sand    | 0 %       | Skewness | -0.66             |      |
| Cc =  | 0.93         |             | Fine   | Sand    | 99 %      | Kurtosis | 8.45              |      |

SEA, INC.

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