

## Result Analysis Report

**Sample Name:**

980\_1000c

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 10 June 2007 2:41:44 p.m.

**Sample Source & type:**

b3

**Measured by:**

gmdr1

**Analysed:**

Sunday, 10 June 2007 2:41:45 p.m.

**Sample bulk lot ref:**
**Result Source:**

Measurement

**Particle Name:**

Marine Sediment

**Accessory Name:**

None

**Analysis model:**

General purpose

**Sensitivity:**

Enhanced

**Particle RI:**

1.500

**Absorption:**

0

**Size range:**

0.020 to 2000.000  $\mu\text{m}$

**Obscuration:**

12.36 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.357 %

**Result Emulation:**

Off

**Concentration:**

0.0296 %Vol

**Span :**

1.874

**Uniformity:**

0.576

**Result units:**

Volume

**Specific Surface Area:**

0.317  $\text{m}^2/\text{g}$

**Surface Weighted Mean D[3,2]:**

18.956  $\mu\text{m}$

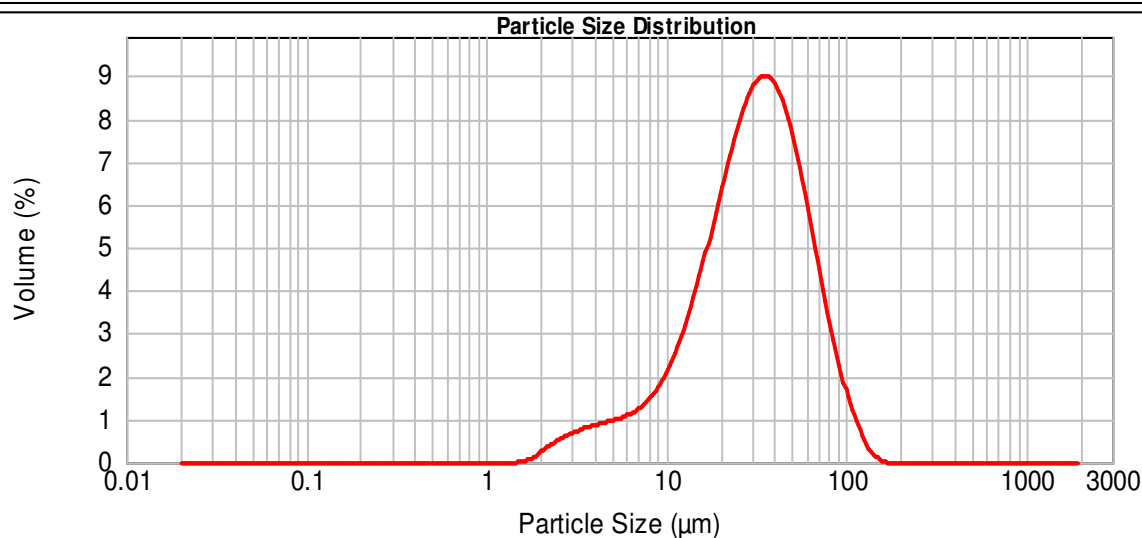
**Vol. Weighted Mean D[4,3]:**

35.646  $\mu\text{m}$

**d(0.1): 9.778  $\mu\text{m}$**

**d(0.5): 30.898  $\mu\text{m}$**

**d(0.9): 67.670  $\mu\text{m}$**



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| Size ( $\mu\text{m}$ ) | Volume In % | Size ( $\mu\text{m}$ ) | Volume In % | Size ( $\mu\text{m}$ ) | Volume In % | Size ( $\mu\text{m}$ ) | Volume In % | Size ( $\mu\text{m}$ ) | Volume In % | Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|------------------------|-------------|------------------------|-------------|------------------------|-------------|------------------------|-------------|------------------------|-------------|
| 0.060                  | 0.00        | 3.900                  | 4.81        | 53.000                 | 7.34        | 149.000                | 0.02        | 420.000                | 0.00        | 2000.000               | 0.00        |
| 0.120                  | 0.00        | 7.800                  | 11.75       | 63.000                 | 5.17        | 177.000                | 0.00        | 500.000                | 0.00        | 4000.000               | 0.00        |
| 0.241                  | 0.00        | 15.600                 | 30.88       | 74.000                 | 3.78        | 210.000                | 0.00        | 590.000                | 0.00        |                        |             |
| 0.490                  | 0.00        | 31.000                 | 10.38       | 88.000                 | 2.22        | 250.000                | 0.00        | 710.000                | 0.00        |                        |             |
| 0.980                  | 0.15        | 37.000                 | 9.96        | 105.000                | 1.03        | 300.000                | 0.00        | 840.000                | 0.00        |                        |             |
| 2.000                  | 0.15        | 44.000                 | 9.63        | 125.000                | 0.28        | 350.000                | 0.00        | 1000.000               | 0.00        |                        |             |
| 3.900                  | 2.60        | 53.000                 |             | 149.000                |             | 420.000                | 0.00        | 2000.000               | 0.00        |                        |             |

**Operator notes:**