

## Result Analysis Report

**Sample Name:**

780\_800d

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 6 July 2007 10:52:53 a.m.

**Sample Source & type:**

A44

**Measured by:**

gmdr1

**Analysed:**

Friday, 6 July 2007 10:52:55 a.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:**

16.38 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.014 %

**Result Emulation:**

Off

**Concentration:**

0.2763 %Vol

**Span :**

2.034

**Uniformity:**

0.606

**Result units:**

Volume

**Specific Surface Area:**

0.0471  $\text{m}^2/\text{g}$

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

127.414  $\mu\text{m}$

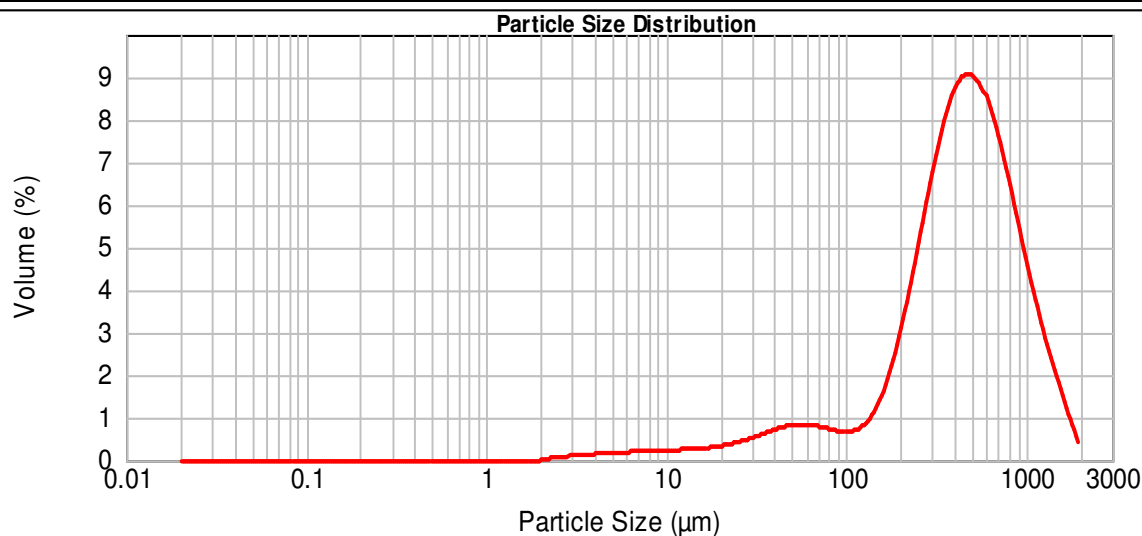
**Vol. Weighted Mean D[4,3]:**

520.686  $\mu\text{m}$

**d(0.1): 104.816  $\mu\text{m}$**

**d(0.5): 447.540  $\mu\text{m}$**

**d(0.9): 1015.245  $\mu\text{m}$**



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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                  | 0.84        | 53.000                 | 0.96        | 149.000                | 1.92        | 420.000                | 10.29       | 2000.000               | 0.00        |
| 0.120                  | 0.00        | 7.800                  | 1.11        | 63.000                 | 0.86        | 177.000                | 3.10        | 500.000                | 9.61        | 4000.000               | 0.00        |
| 0.241                  | 0.00        | 15.600                 | 1.73        | 74.000                 | 0.84        | 210.000                | 4.78        | 590.000                | 9.77        |                        |             |
| 0.490                  | 0.00        | 31.000                 | 0.71        | 88.000                 | 0.78        | 250.000                | 6.97        | 710.000                | 7.47        |                        |             |
| 0.980                  | 0.00        | 37.000                 | 0.82        | 105.000                | 0.83        | 300.000                | 7.39        | 840.000                | 6.13        |                        |             |
| 2.000                  | 0.38        | 44.000                 | 0.99        | 125.000                | 1.19        | 350.000                | 10.08       | 1000.000               | 10.46       |                        |             |
| 3.900                  | 0.38        | 53.000                 | 0.99        | 149.000                | 1.19        | 420.000                | 10.08       | 2000.000               | 10.46       |                        |             |

**Operator notes:**