

## Result Analysis Report

**Sample Name:**

320\_340c

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 10 June 2007 12:02:25 p.m.

**Sample Source & type:**

9

**Measured by:**

gmdr1

**Analysed:**

Sunday, 10 June 2007 12:02:26 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:**

12.00 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.307 %

**Result Emulation:**

Off

**Concentration:**

0.0537 %Vol

**Span :**

2.614

**Uniformity:**

0.902

**Result units:**

Volume

**Specific Surface Area:**

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

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

34.500  $\mu\text{m}$

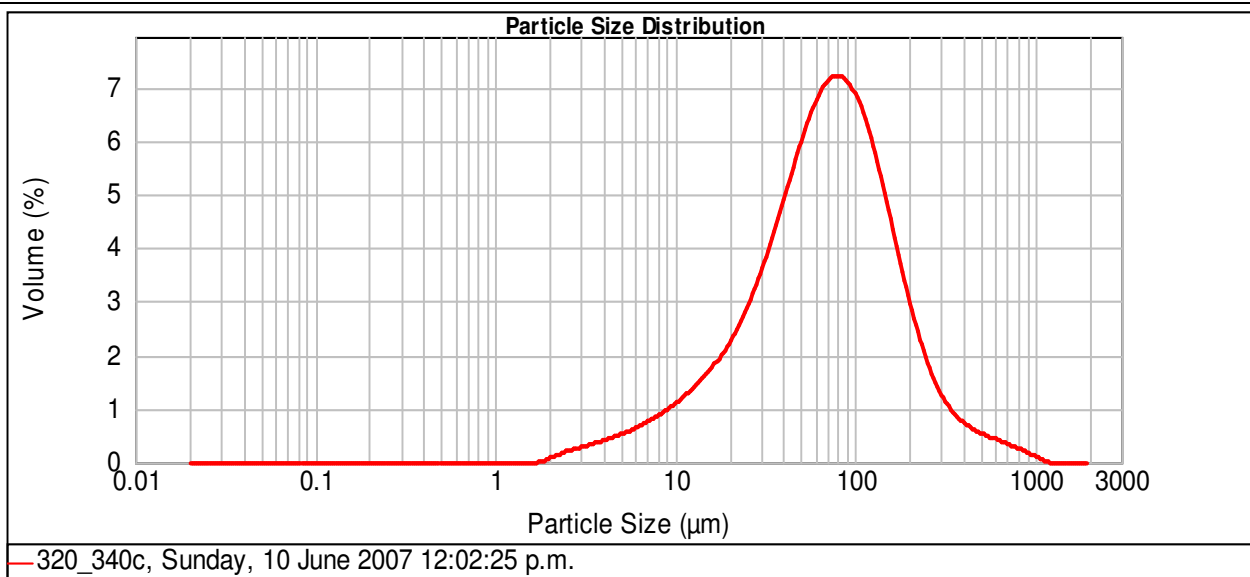
**Vol. Weighted Mean D[4,3]:**

98.304  $\mu\text{m}$

**d(0.1): 16.469  $\mu\text{m}$**

**d(0.5): 69.179  $\mu\text{m}$**

**d(0.9): 197.301  $\mu\text{m}$**



| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 0.060                  | 0.00        |
| 0.120                  | 0.00        |
| 0.241                  | 0.00        |
| 0.490                  | 0.00        |
| 0.980                  | 0.03        |
| 2.000                  | 1.08        |
| 3.900                  |             |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 3.900                  | 2.71        |
| 7.800                  | 5.56        |
| 15.600                 | 11.55       |
| 31.000                 | 4.75        |
| 37.000                 | 5.59        |
| 44.000                 | 7.06        |
| 53.000                 |             |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 53.000                 | 7.41        |
| 63.000                 | 7.41        |
| 74.000                 | 8.17        |
| 88.000                 | 8.05        |
| 105.000                | 7.22        |
| 125.000                | 6.18        |
| 149.000                |             |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 149.000                | 4.82        |
| 177.000                | 3.59        |
| 210.000                | 2.61        |
| 250.000                | 1.86        |
| 300.000                | 1.10        |
| 350.000                | 0.96        |
| 420.000                |             |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 420.000                | 0.71        |
| 500.000                | 0.54        |
| 590.000                | 0.47        |
| 710.000                | 0.31        |
| 840.000                | 0.20        |
| 1000.000               | 0.06        |
| 2000.000               |             |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 2000.000               | 0.00        |
| 4000.000               |             |

Operator notes: