

## Result Analysis Report

**Sample Name:**

280\_300e

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 27 June 2007 10:07:43 a.m.

**Sample Source & type:**

A25

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 27 June 2007 10:07:44 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:**

17.07 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.344 %

**Result Emulation:**

Off

**Concentration:**

0.0900 %Vol

**Span :**

2.058

**Uniformity:**

0.615

**Result units:**

Volume

**Specific Surface Area:**

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

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

42.478  $\mu\text{m}$

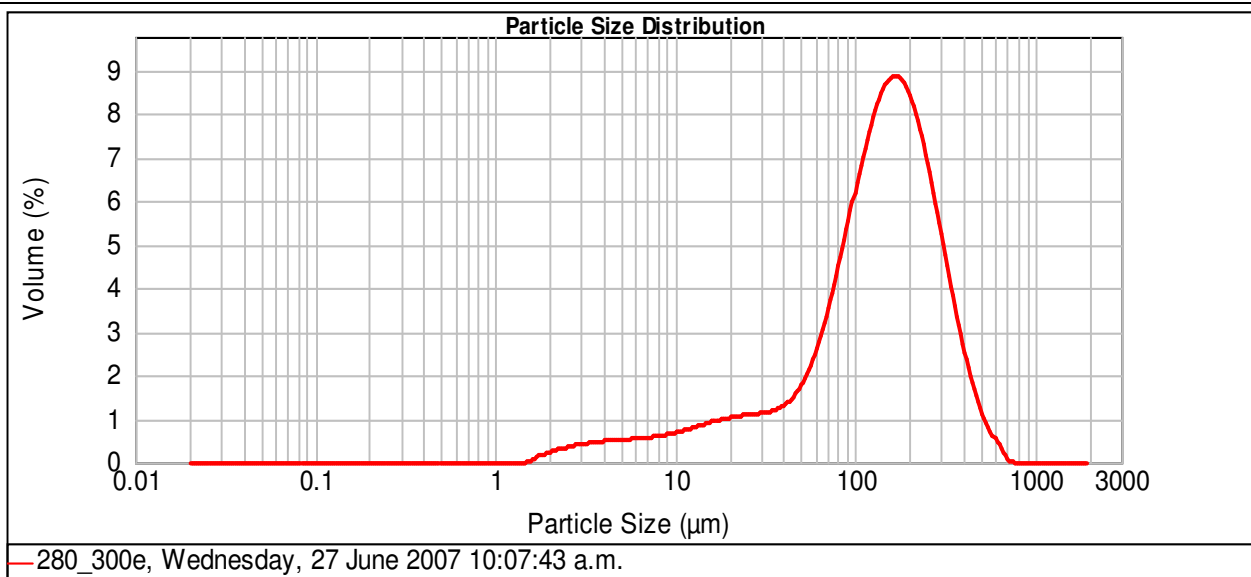
**Vol. Weighted Mean D[4,3]:**

160.458  $\mu\text{m}$

**d(0.1): 22.499  $\mu\text{m}$**

**d(0.5): 141.353  $\mu\text{m}$**

**d(0.9): 313.459  $\mu\text{m}$**



| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 0.060                  | 0.00        |
| 0.120                  | 0.00        |
| 0.241                  | 0.00        |
| 0.490                  | 0.00        |
| 0.980                  | 0.00        |
| 2.000                  | 0.22        |
| 3.900                  | 1.65        |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 3.900                  | 2.42        |
| 7.800                  | 3.33        |
| 15.600                 | 4.69        |
| 31.000                 | 1.35        |
| 37.000                 | 1.49        |
| 44.000                 | 2.01        |
| 53.000                 | 2.01        |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 53.000                 | 2.59        |
| 63.000                 | 3.39        |
| 74.000                 | 5.03        |
| 88.000                 | 6.82        |
| 105.000                | 8.35        |
| 125.000                | 9.64        |
| 149.000                | 9.64        |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 149.000                | 9.97        |
| 177.000                | 9.59        |
| 210.000                | 8.69        |
| 250.000                | 7.31        |
| 300.000                | 4.58        |
| 350.000                | 3.61        |
| 420.000                | 3.61        |

| Size ( $\mu\text{m}$ ) | Volume In % |
|------------------------|-------------|
| 420.000                | 1.98        |
| 500.000                | 0.93        |
| 590.000                | 0.36        |
| 710.000                | 0.00        |
| 840.000                | 0.00        |
| 1000.000               | 0.00        |
| 2000.000               | 0.00        |

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

Operator notes: