

## Result Analysis Report

**Sample Name:**

540\_560d

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 4 July 2007 5:26:01 p.m.

**Sample Source & type:**

A38

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 4 July 2007 5:26:02 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:**

11.12 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.368 %

**Result Emulation:**

Off

**Concentration:**

0.0221 %Vol

**Span :**

5.064

**Uniformity:**

1.67

**Result units:**

Volume

**Specific Surface Area:**

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

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

17.250  $\mu\text{m}$

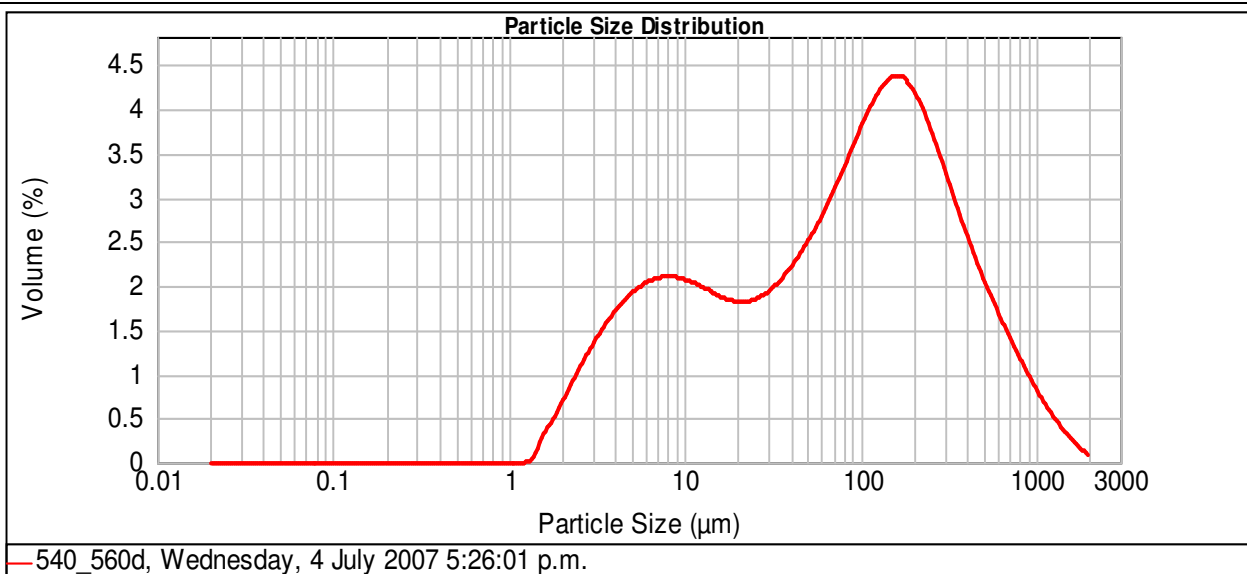
**Vol. Weighted Mean D[4,3]:**

171.284  $\mu\text{m}$

**d(0.1): 5.363  $\mu\text{m}$**

**d(0.5): 86.455  $\mu\text{m}$**

**d(0.9): 443.190  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.90
2.000	0.90
3.900	5.27

Size ( $\mu\text{m}$ )	Volume In %
3.900	8.87
7.800	9.17
15.600	8.32
31.000	2.35
37.000	2.51
44.000	2.51
53.000	2.98

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.08
63.000	3.18
74.000	3.80
88.000	4.29
105.000	4.62
125.000	4.62
149.000	4.93

Size ( $\mu\text{m}$ )	Volume In %
149.000	4.93
177.000	4.77
210.000	4.55
250.000	4.27
300.000	3.17
350.000	3.23
420.000	3.23

Size ( $\mu\text{m}$ )	Volume In %
420.000	2.60
500.000	2.07
590.000	1.91
710.000	1.38
840.000	1.10
1000.000	1.10
2000.000	1.79

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

**Operator notes:**