

## Result Analysis Report

**Sample Name:**

160\_170c

**SOP Name:**

Marine Sediment

**Measured:**

Thursday, 7 June 2007 3:39:53 p.m.

**Sample Source & type:**

57

**Measured by:**

gmdr1

**Analysed:**

Thursday, 7 June 2007 3:39:54 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:**

15.29 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.301 %

**Result Emulation:**

Off

**Concentration:**

0.0462 %Vol

**Span :**

3.260

**Uniformity:**

1.52

**Result units:**

Volume

**Specific Surface Area:**

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

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

23.732  $\mu\text{m}$

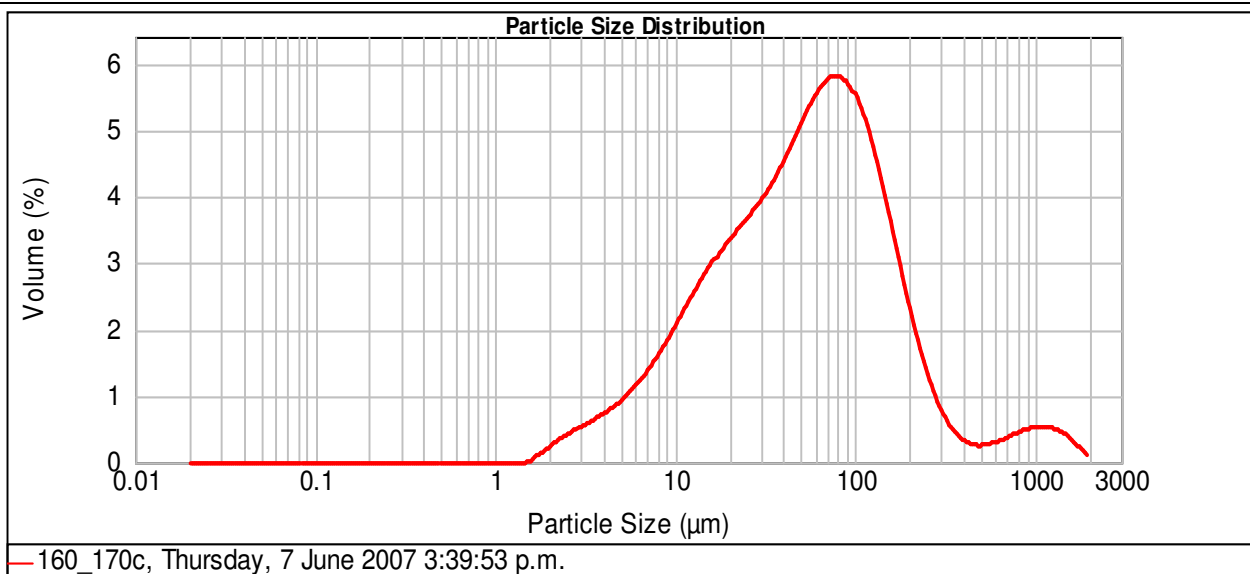
**Vol. Weighted Mean D[4,3]:**

107.251  $\mu\text{m}$

**d(0.1): 9.929  $\mu\text{m}$**

**d(0.5): 54.366  $\mu\text{m}$**

**d(0.9): 187.146  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.19
2.000	0.19
3.900	2.13

Size ( $\mu\text{m}$ )	Volume In %
3.900	4.86
7.800	10.19
15.600	15.68
31.000	4.83
37.000	5.16
44.000	6.08
53.000	6.08

Size ( $\mu\text{m}$ )	Volume In %
53.000	6.14
63.000	6.03
74.000	6.59
88.000	6.48
105.000	5.80
125.000	4.96
149.000	4.96

Size ( $\mu\text{m}$ )	Volume In %
149.000	3.85
177.000	2.82
210.000	1.96
250.000	1.27
300.000	0.64
350.000	0.45
420.000	0.45

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.30
500.000	0.29
590.000	0.41
710.000	0.48
840.000	0.58
1000.000	1.83
2000.000	1.83

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

Operator notes: