

## Result Analysis Report

**Sample Name:**

100\_110d

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 4 July 2007 9:55:04 a.m.

**Sample Source & type:**

A11

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 4 July 2007 9:55:05 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  $\mu$ m

**Obscuration:**

13.19 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.397 %

**Result Emulation:**

Off

**Concentration:**

0.0867 %Vol

**Span :**

2.016

**Uniformity:**

0.581

**Result units:**

Volume

**Specific Surface Area:**

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

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

52.670  $\mu$ m

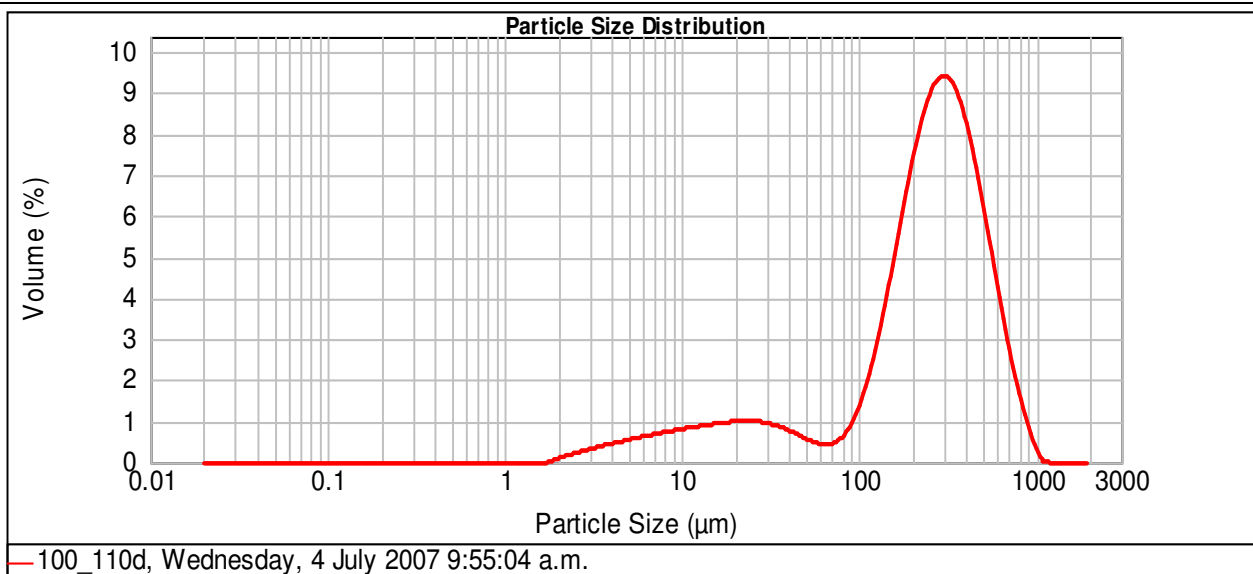
**Vol. Weighted Mean D[4,3]:**

278.967  $\mu$ m

**d(0.1): 21.996  $\mu$ m**

**d(0.5): 255.498  $\mu$ m**

**d(0.9): 537.164  $\mu$ m**



Size ( $\mu$ m)	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.04
2.000	1.25
3.900	

Size ( $\mu$ m)	Volume In %
3.900	2.69
7.800	3.82
15.600	4.43
31.000	1.04
37.000	0.87
44.000	0.73
53.000	

Size ( $\mu$ m)	Volume In %
53.000	0.52
63.000	0.47
74.000	0.75
88.000	1.44
105.000	2.59
125.000	4.27
149.000	

Size ( $\mu$ m)	Volume In %
149.000	6.12
177.000	7.97
210.000	9.72
250.000	11.10
300.000	9.37
350.000	10.13
420.000	

Size ( $\mu$ m)	Volume In %
420.000	7.99
500.000	5.68
590.000	4.15
710.000	2.02
840.000	0.78
1000.000	0.07
2000.000	

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

**Operator notes:**