

**Sample Name:** 106.2

**SOP Name:** Marine Sediment

**Measured:** Thursday, 19 August

**Sample Source & type:**

**Measured by:** mml9

**Analysed:** Thursday, 19 August  
2010 1:44:28 p.m.

**Sample bulk lot ref:**

**Particle Name:** Marine Sediment

**Accessory Name:** General purpose

**Obscuration:** 7.31 %

**Particle RI:** 1.500

**Absorption:** 0

**Particle density:** 1.000

**Dispersant Name:** Water

**Analysis model:**

**Dispersant RI:** 1.330

**Size range:** 0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:** 0.837 %

**Concentration:** 0.0415 %Vol

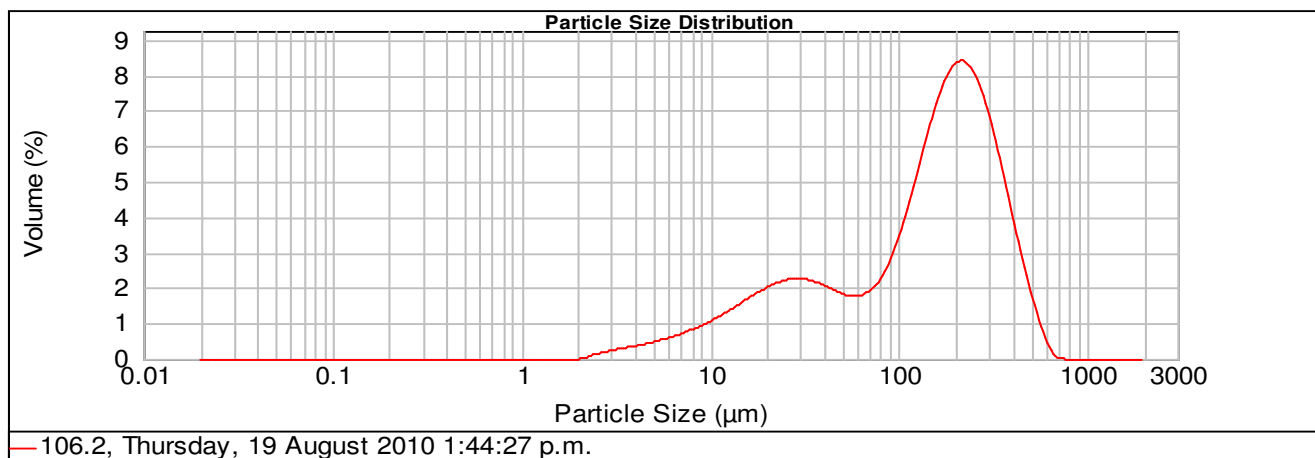
**Vol. Weighted Mean D[4,3]:** 170.523  $\mu\text{m}$

**Specific Surface Area:** 0.135  $\text{m}^2/\text{g}$

**d(0.1):** 17.377  $\mu\text{m}$

**d(0.5):** 156.342  $\mu\text{m}$

**d(0.9):** 349.448  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	170.523	129.439	0.736	0.104
Surface	44.521	74.898	2.863	9.347
Length	9.198	18.025	10.26	152.227
Number	4.711	4.598	15.7	661.476

## Distribution Modal Sizes

Mode 1: 213.497  $\mu\text{m}$ ,

Mode 2: 29.287  $\mu\text{m}$ ,

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00
2.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
2.000	0.83
3.900	2.50
7.800	5.44
15.600	9.26
31.000	2.57
37.000	2.35
44.000	2.29
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	1.99
63.000	1.97
74.000	2.64
88.000	3.76
105.000	5.21
125.000	6.98
149.000	8.36
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	9.23
210.000	9.48
250.000	8.98
300.000	6.21
350.000	5.31
420.000	3.04
500.000	1.34
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.25
710.000	0.00
840.000	0.00
1000.000	0.00
2000.000	0.00