

**Sample Name:** 57.4

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Tuesday, 3 August

**Analysed:** Tuesday, 3 August  
2010 12:26:01 p.m.

**Particle Name:** Marine Sediment

**Particle RI:** 1.500

**Dispersant Name:** Water

**Dispersant RI:** 1.330

**Accessory Name:** General purpose

**Absorption:** 0

**Analysis model:**

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

**Obscuration:** 17.31 %

**Particle density :** 1.000

**Weighted Residual:** 0.777 %

**Concentration:** 0.1368 %Vol

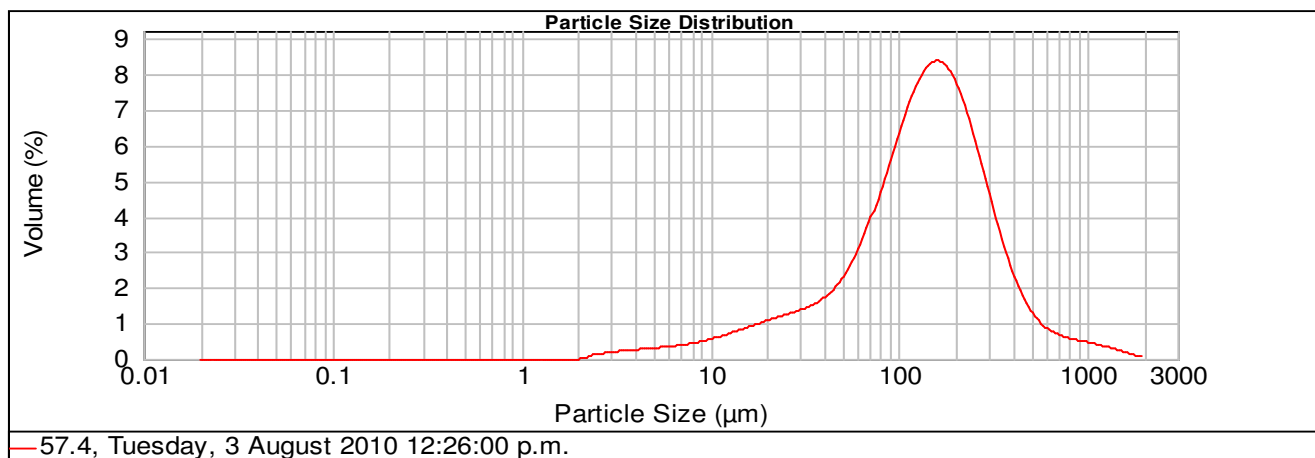
**Vol. Weighted Mean D[4,3]:** 183.647  $\mu\text{m}$

**Specific Surface Area:** 0.102  $\text{m}^2/\text{g}$

**d(0.1):** 30.657  $\mu\text{m}$

**d(0.5):** 139.582  $\mu\text{m}$

**d(0.9):** 346.853  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	183.647	190.084	3.6	19.012
Surface	58.615	85.608	4.151	38.068
Length	10.237	22.254	8.521	150.912
Number	4.377	5.064	16.98	666.405

## Distribution Modal Sizes

Mode 1: 158.214  $\mu\text{m}$ ,

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	0.66
3.900	1.48
7.800	2.84
15.600	5.12
31.000	1.71
37.000	1.94
44.000	2.58
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.15
63.000	3.88
74.000	5.45
88.000	7.06
105.000	8.33
125.000	9.34
149.000	9.42
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	8.86
210.000	7.86
250.000	6.49
300.000	4.03
350.000	3.25
420.000	1.96
500.000	1.20
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.93
710.000	0.67
840.000	0.59
1000.000	1.21
2000.000	