

**Sample Name:** 62

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Thursday, 19 August

**Analysed:** Thursday, 19 August  
2010 2:11:38 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:** 19.06 %

**Particle density :** 1.000

**Weighted Residual:** 0.416 %

**Concentration:** 0.0648 %Vol

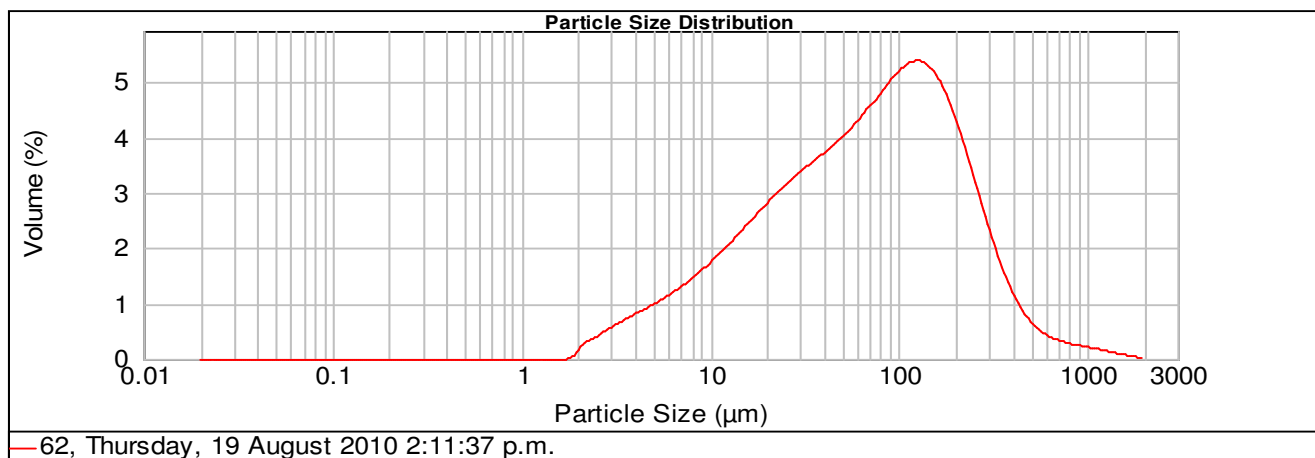
**Vol. Weighted Mean D[4,3]:** 113.365  $\mu\text{m}$

**Specific Surface Area:** 0.23  $\text{m}^2/\text{g}$

**d(0.1):** 10.240  $\mu\text{m}$

**d(0.5):** 70.520  $\mu\text{m}$

**d(0.9):** 250.373  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	113.365	147.158	4.22	28.56
Surface	26.054	47.695	6.485	93.074
Length	6.881	11.486	11.4	322.821
Number	3.846	3.416	12.487	505.313

## Distribution Modal Sizes

Mode 1: 123.725  $\mu\text{m}$ ,

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	0.04

Size ( $\mu\text{m}$ )	Volume In %
2.000	2.22
3.900	4.91
7.800	8.55
15.600	13.17
31.000	4.07
37.000	4.21
44.000	4.79
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	4.75
63.000	4.74
74.000	5.48
88.000	5.95
105.000	6.11
125.000	6.13
149.000	5.67
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	4.99
210.000	4.19
250.000	3.32
300.000	2.01
350.000	1.59
420.000	0.96
500.000	0.59
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.46
710.000	0.32
840.000	0.28
1000.000	0.49
2000.000	