

**Sample Name:** 134.10

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Tuesday, 3 August

**Analysed:** Tuesday, 3 August  
2010 12:01:26 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:** 24.68 %

**Particle density :** 1.000

**Weighted Residual:** 0.429 %

**Concentration:** 0.0875 %Vol

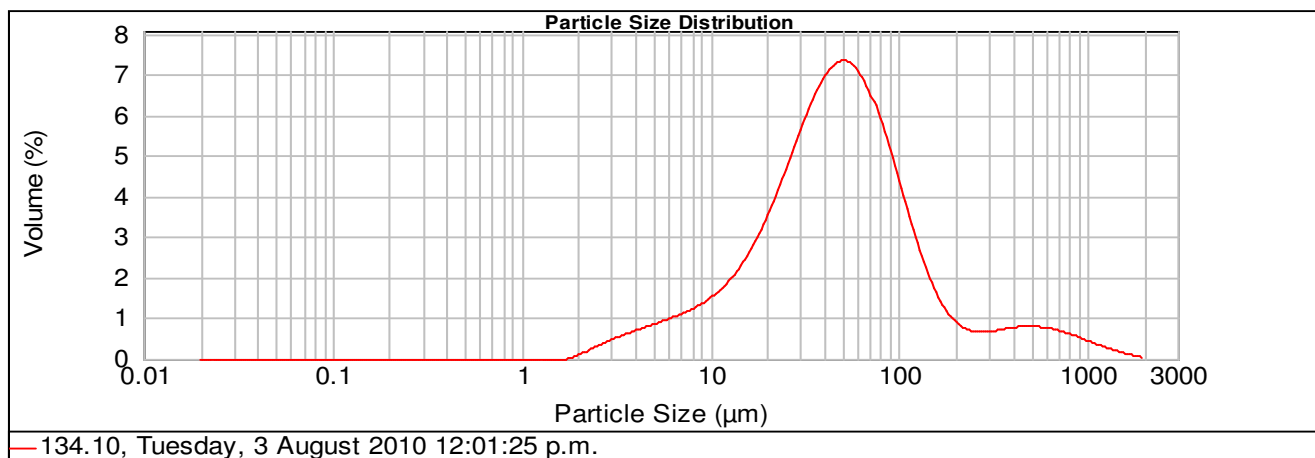
**Vol. Weighted Mean D[4,3]:** 95.834  $\mu\text{m}$

**Specific Surface Area:** 0.234  $\text{m}^2/\text{g}$

**d(0.1):** 11.894  $\mu\text{m}$

**d(0.5):** 47.265  $\mu\text{m}$

**d(0.9):** 161.919  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	95.834	178.383	4.716	26.876
Surface	25.646	42.427	11.736	257.538
Length	8.201	11.961	9.4	389.538
Number	4.182	4.1	8.645	252.852

## Distribution Modal Sizes

Mode 1: 51.338  $\mu\text{m}$ ,

Mode 2: 491.789  $\mu\text{m}$ ,

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	0.03

Size ( $\mu\text{m}$ )	Volume In %
2.000	1.76
3.900	4.19
7.800	7.75
15.600	17.90
31.000	7.15
37.000	7.83
44.000	8.87
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	8.15
63.000	7.04
74.000	6.57
88.000	5.34
105.000	3.87
125.000	2.64
149.000	1.67
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	1.09
210.000	0.82
250.000	0.78
300.000	0.70
350.000	0.90
420.000	0.91
500.000	0.86
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.90
710.000	0.70
840.000	0.59
1000.000	0.97
2000.000	