

**Sample Name:** 129.5

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Tuesday, 3 August

**Analysed:** Tuesday, 3 August  
2010 12:09:05 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:** 19.59 %

**Particle density :** 1.000

**Weighted Residual:** 0.389 %

**Concentration:** 0.0390 %Vol

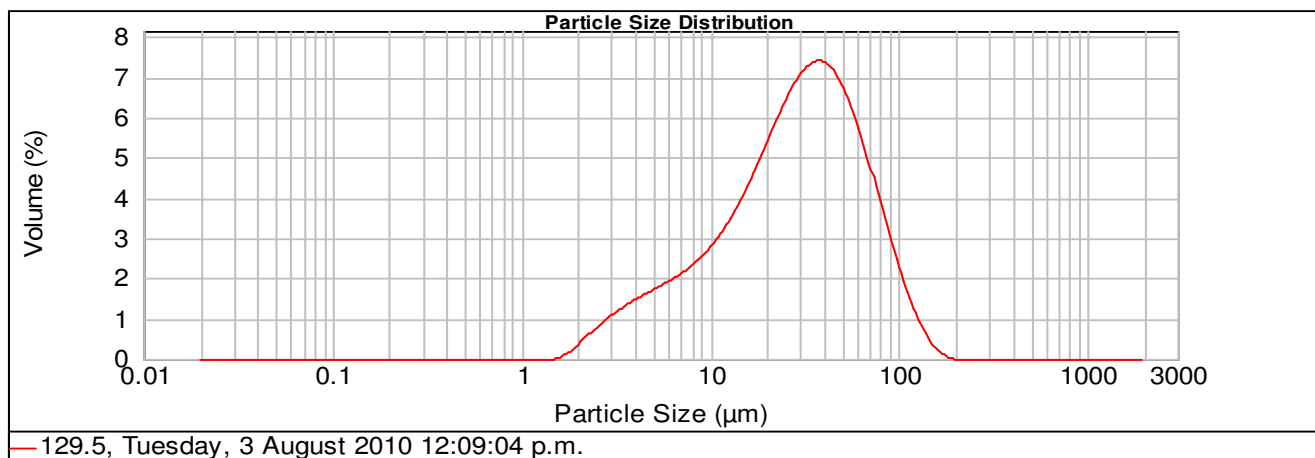
**Vol. Weighted Mean D[4,3]:** 35.599  $\mu\text{m}$

**Specific Surface Area:** 0.386  $\text{m}^2/\text{g}$

**d(0.1):** 6.384  $\mu\text{m}$

**d(0.5):** 29.215  $\mu\text{m}$

**d(0.9):** 73.397  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	35.599	27.531	1.268	1.79
Surface	15.526	17.654	2.397	7.711
Length	6.056	7.573	4.797	35.311
Number	3.538	2.985	7.287	101.219

## Distribution Modal Sizes

Mode 1: 37.965  $\mu\text{m}$ ,

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	0.27

Size ( $\mu\text{m}$ )	Volume In %
2.000	4.18
3.900	8.34
7.800	14.02
15.600	25.92
31.000	8.46
37.000	8.35
44.000	8.48
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	6.92
63.000	5.28
74.000	4.28
88.000	2.90
105.000	1.62
125.000	0.76
149.000	0.20
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	0.00
210.000	0.00
250.000	0.00
300.000	0.00
350.000	0.00
420.000	0.00
500.000	0.00
590.000	0.00

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