

**Sample Name:** 129.4

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Thursday, 19 August

**Analysed:** Thursday, 19 August  
2010 2:28:12 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:** 16.32 %

**Particle density :** 1.000

**Weighted Residual:** 0.511 %

**Concentration:** 0.0455 %Vol

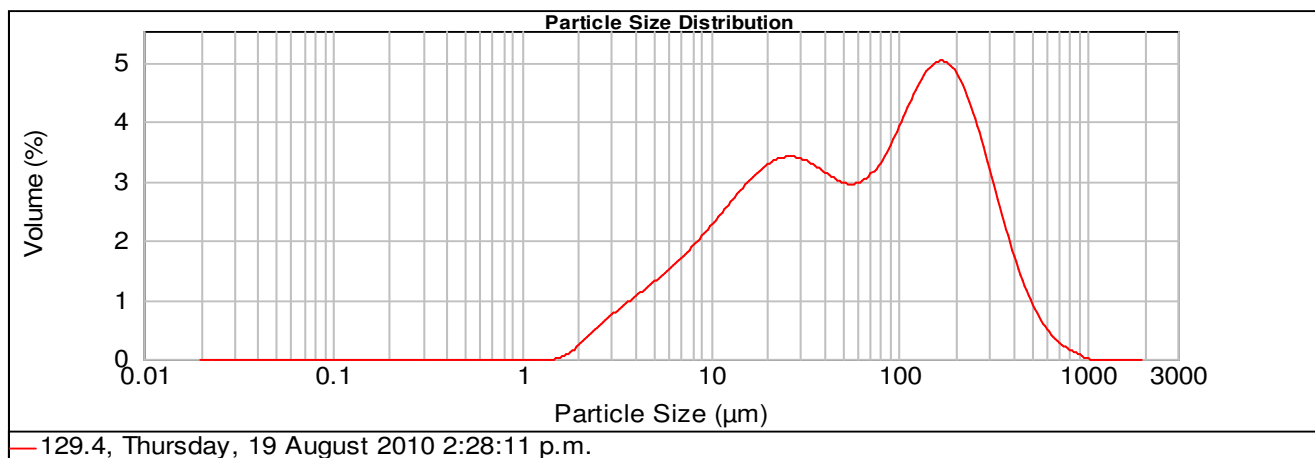
**Vol. Weighted Mean D[4,3]:** 112.167  $\mu\text{m}$

**Specific Surface Area:** 0.272  $\text{m}^2/\text{g}$

**d(0.1):** 8.189  $\mu\text{m}$

**d(0.5):** 65.169  $\mu\text{m}$

**d(0.9):** 277.604  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	112.167	124.44	1.856	4.485
Surface	22.035	44.565	5.383	41.794
Length	6.137	9.878	13.636	359.362
Number	3.629	3.017	12.52	590.311

## Distribution Modal Sizes

Mode 1: 166.665  $\mu\text{m}$ ,

Mode 2: 26.651  $\mu\text{m}$ ,

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	0.16

Size ( $\mu\text{m}$ )	Volume In %
2.000	2.86
3.900	6.39
7.800	10.82
15.600	14.72
31.000	3.83
37.000	3.58
44.000	3.66
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.33
63.000	3.21
74.000	3.78
88.000	4.40
105.000	4.96
125.000	5.51
149.000	5.64
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	5.47
210.000	5.04
250.000	4.37
300.000	2.85
350.000	2.39
420.000	1.45
500.000	0.81
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.49
710.000	0.21
840.000	0.07
1000.000	0.00
2000.000	