

**Sample Name:** 129.2

**SOP Name:** Marine Sediment

**Measured:** Tuesday, 3 August

**Sample Source & type:**

**Measured by:** mml9

**Analysed:** Tuesday, 3 August  
2010 11:42:49 a.m.

**Sample bulk lot ref:**

**Particle Name:** Marine Sediment

**Accessory Name:** General purpose

**Obscuration:** 19.14 %

**Particle RI:** 1.500

**Absorption:** 0

**Particle density :** 1.000

**Dispersant Name:** Water

**Analysis model:**

**Dispersant RI:** 1.330

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

**Weighted Residual:** 0.493 %

**Concentration:** 0.0370 %Vol

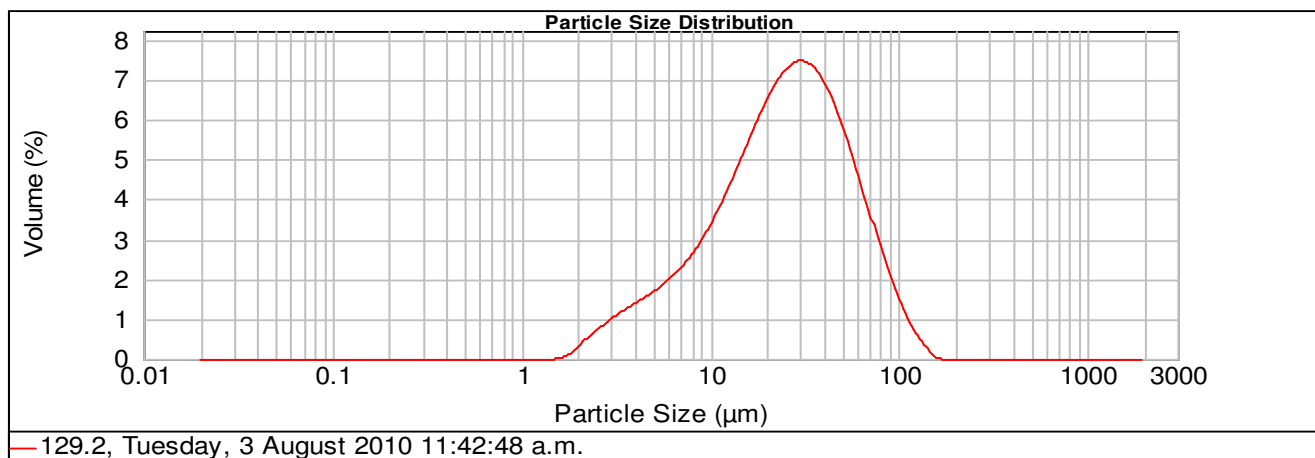
**Vol. Weighted Mean D[4,3]:** 31.232  $\mu\text{m}$

**Specific Surface Area:** 0.402  $\text{m}^2/\text{g}$

**d(0.1):** 6.589  $\mu\text{m}$

**d(0.5):** 25.241  $\mu\text{m}$

**d(0.9):** 64.021  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	31.232	23.954	1.369	2.132
Surface	14.944	15.602	2.344	7.664
Length	6.443	7.401	4.147	27.163
Number	3.743	3.179	6.054	68.482

## Distribution Modal Sizes

Mode 1: 30.548  $\mu\text{m}$ ,

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	0.20

Size ( $\mu\text{m}$ )	Volume In %
2.000	3.89
3.900	8.49
7.800	17.26
15.600	30.12
31.000	8.56
37.000	7.89
44.000	7.46
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	5.67
63.000	4.06
74.000	3.09
88.000	1.94
105.000	0.98
125.000	0.38
149.000	0.01
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