

**Sample Name:** 131.2

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Tuesday, 3 August

**Analysed:** Tuesday, 3 August  
2010 11:34:47 a.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:** 19.20 %

**Particle density :** 1.000

**Weighted Residual:** 0.665 %

**Concentration:** 0.1016 %Vol

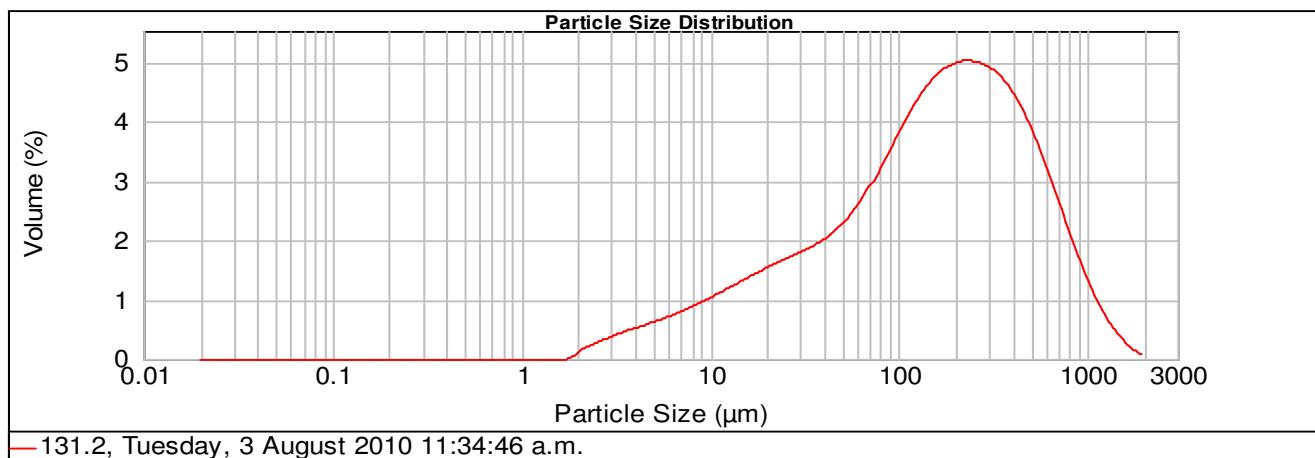
**Vol. Weighted Mean D[4,3]:** 249.071  $\mu\text{m}$

**Specific Surface Area:** 0.148  $\text{m}^2/\text{g}$

**d(0.1):** 16.345  $\mu\text{m}$

**d(0.5):** 160.046  $\mu\text{m}$

**d(0.9):** 603.654  $\mu\text{m}$



### Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	249.071	269.722	1.971	4.938
Surface	40.626	92.023	5.616	47.335
Length	6.885	15.241	18.229	661.438
Number	3.735	3.43	21.333	1775.766

### Distribution Modal Sizes

Mode 1: 231.275  $\mu\text{m}$ ,

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	1.46
3.900	3.07
7.800	5.01
15.600	7.17
31.000	2.17
37.000	2.28
44.000	2.70
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	2.82
63.000	3.00
74.000	3.70
88.000	4.32
105.000	4.78
125.000	5.25
149.000	5.44
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	5.57
210.000	5.74
250.000	5.95
300.000	4.89
350.000	5.47
420.000	4.75
500.000	3.93
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	3.62
710.000	2.52
840.000	1.88
1000.000	2.47
2000.000	