

**Sample Name:** 3

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Thursday, 19 August

**Analysed:** Thursday, 19 August  
2010 2:19:52 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:** 13.69 %

**Particle density :** 1.000

**Weighted Residual:** 0.539 %

**Concentration:** 0.0421 %Vol

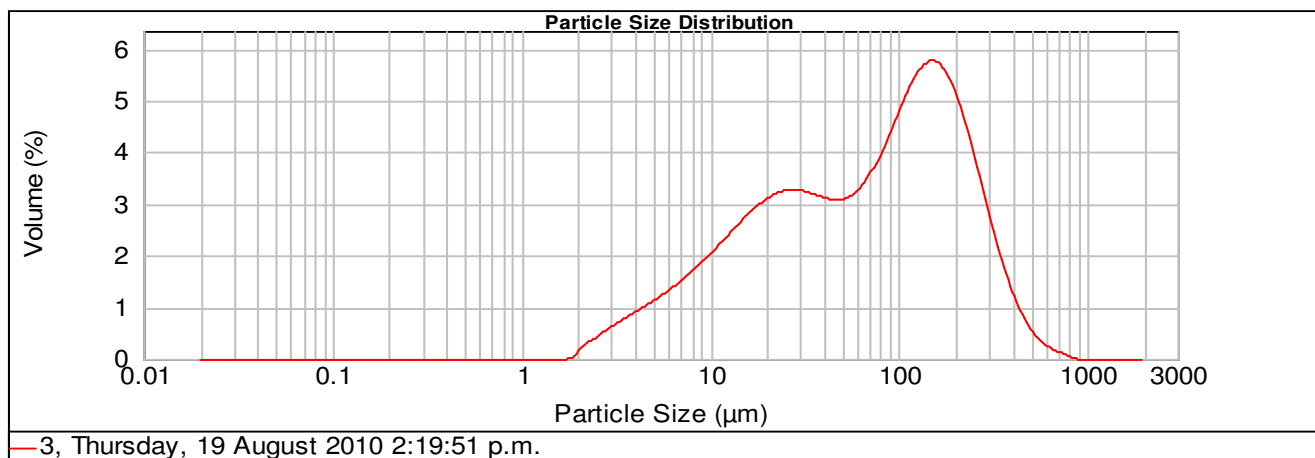
**Vol. Weighted Mean D[4,3]:** 105.971  $\mu\text{m}$

**Specific Surface Area:** 0.246  $\text{m}^2/\text{g}$

**d(0.1):** 9.220  $\mu\text{m}$

**d(0.5):** 73.078  $\mu\text{m}$

**d(0.9):** 248.146  $\mu\text{m}$



### Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	105.971	106.872	1.667	3.761
Surface	24.346	44.578	4.424	27.726
Length	6.715	10.881	11.362	230.719
Number	3.901	3.313	12.37	489.307

### Distribution Modal Sizes

Mode 1: 149.141  $\mu\text{m}$ ,

Mode 2: 27.598  $\mu\text{m}$ ,

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	2.40
3.900	5.62
7.800	9.94
15.600	14.03
31.000	3.72
37.000	3.54
44.000	3.74
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.60
63.000	3.67
74.000	4.53
88.000	5.39
105.000	6.05
125.000	6.55
149.000	6.43
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	5.88
210.000	5.06
250.000	4.01
300.000	2.36
350.000	1.76
420.000	0.92
500.000	0.44
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	0.23
710.000	0.09
840.000	0.00
1000.000	0.00
2000.000	