

**Sample Name:** 57.2 (<2 mm subsample)

**SOP Name:** Marine Sediment

**Measured:** Wednesday, 4 August

**Sample Source & type:**

**Measured by:** mml9

**Analysed:** Wednesday, 4 August  
2010 10:03:23 a.m.

**Sample bulk lot ref:**

**Particle Name:** Marine Sediment

**Accessory Name:** General purpose

**Obscuration:** 18.94 %

**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:** 0.628 %

**Concentration:** 0.1219 %Vol

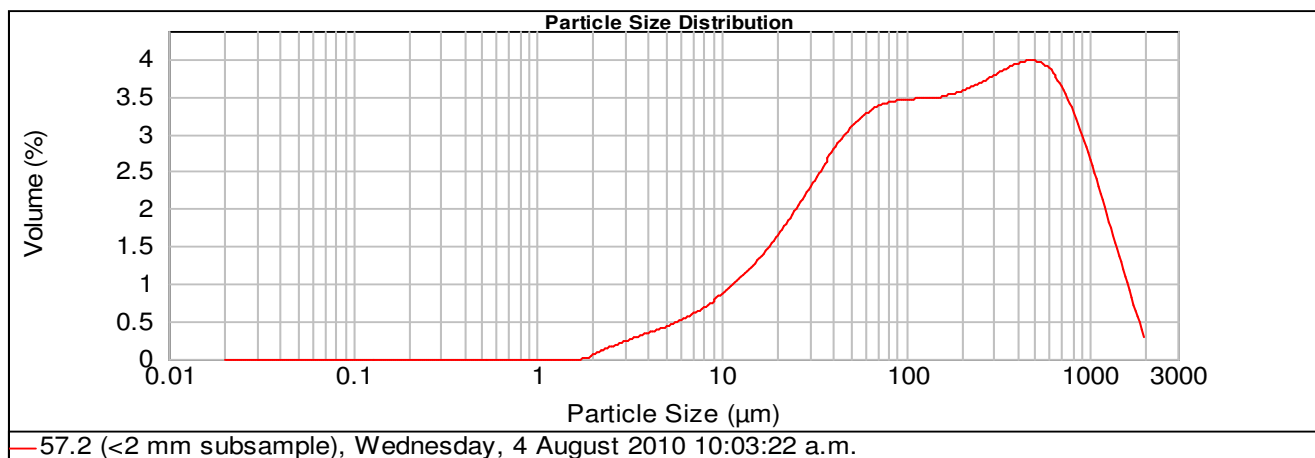
**Vol. Weighted Mean D[4,3]:** 313.273  $\mu\text{m}$

**Specific Surface Area:** 0.125  $\text{m}^2/\text{g}$

**d(0.1):** 20.477  $\mu\text{m}$

**d(0.5):** 162.827  $\mu\text{m}$

**d(0.9):** 838.168  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	313.273	362.138	1.702	2.727
Surface	47.988	112.829	6.307	54.681
Length	8.61	18.413	19.229	783.828
Number	4.183	4.303	17.854	1499.926

## Distribution Modal Sizes

Mode 1: 475.052  $\mu\text{m}$ ,

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	0.02

Size ( $\mu\text{m}$ )	Volume In %
2.000	0.88
3.900	2.19
7.800	4.30
15.600	8.01
31.000	2.87
37.000	3.13
44.000	3.66
53.000	

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.63
63.000	3.51
74.000	3.87
88.000	3.98
105.000	3.95
125.000	3.99
149.000	3.94
177.000	

Size ( $\mu\text{m}$ )	Volume In %
177.000	3.96
210.000	4.12
250.000	4.43
300.000	3.84
350.000	4.66
420.000	4.52
500.000	4.26
590.000	

Size ( $\mu\text{m}$ )	Volume In %
590.000	4.56
710.000	3.78
840.000	3.39
1000.000	6.57
2000.000	