

**Sample Name:** 57.3a

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:** Marine Sediment

**Measured by:** mml9

**Measured:** Tuesday, 3 August

**Analysed:** Tuesday, 3 August  
2010 12:41:13 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:** 21.73 %

**Particle density :** 1.000

**Weighted Residual:** 0.437 %

**Concentration:** 0.0637 %Vol

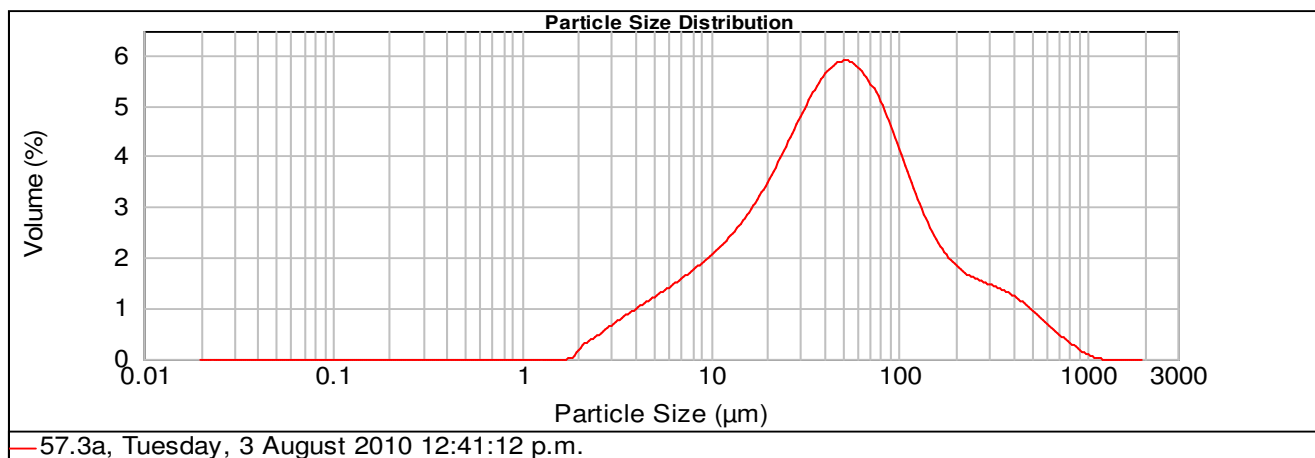
**Vol. Weighted Mean D[4,3]:** 88.681  $\mu\text{m}$

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

**d(0.1):** 8.810  $\mu\text{m}$

**d(0.5):** 46.777  $\mu\text{m}$

**d(0.9):** 215.287  $\mu\text{m}$



## Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	88.681	124.972	3.157	12.083
Surface	22.043	38.327	7.279	90.688
Length	6.932	10.235	10.297	293.145
Number	3.932	3.434	9.894	325.003

## Distribution Modal Sizes

Mode 1: 52.451  $\mu\text{m}$ ,

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	2.000	2.57	53.000	6.59	177.000	2.12	590.000	0.75
0.060	0.00	3.900	5.97	63.000	5.83	210.000	1.90	710.000	0.41
0.120	0.00	7.800	9.97	74.000	5.67	250.000	1.82	840.000	0.19
0.240	0.00	15.600	16.89	88.000	4.95	300.000	1.43	1000.000	0.04
0.490	0.00	31.000	5.92	105.000	4.00	350.000	1.54	2000.000	
0.700	0.00	37.000	6.32	125.000	3.22	420.000	1.25		
0.980	0.00	44.000	7.11	149.000	2.55	500.000	0.94		
2.000	0.04	53.000		177.000		590.000			