

Sample Name: 129.6

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Thursday, 19 August

Analysed: Thursday, 19 August
2010 2:44:26 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 μm

Obscuration: 11.85 %

Particle density : 1.000

Weighted Residual: 0.515 %

Concentration: 0.0389 %Vol

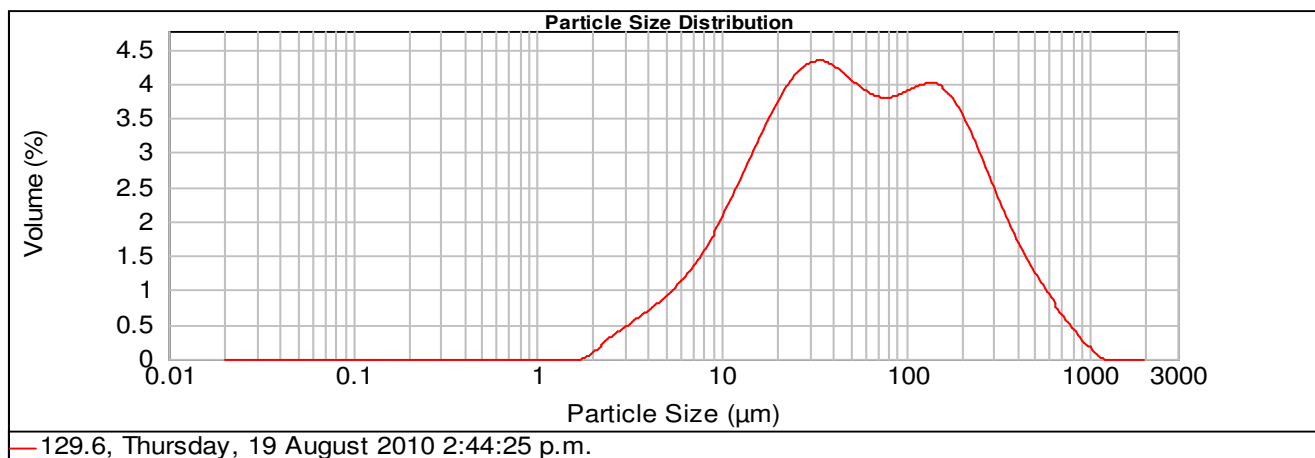
Vol. Weighted Mean D[4,3]: 112.866 μm

Specific Surface Area: 0.234 m^2/g

d(0.1): 10.507 μm

d(0.5): 55.354 μm

d(0.9): 286.760 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	112.866	144.051	2.511	7.829
Surface	25.629	47.284	6.334	63.291
Length	7.889	11.83	11.486	309.22
Number	4.33	3.925	9.823	361.065

Distribution Modal Sizes

Mode 1: 33.762 μm ,

Mode 2: 135.779 μm ,

Size (μm)	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	0.03

Size (μm)	Volume In %
2.000	1.70
3.900	4.74
7.800	10.29
15.600	17.27
31.000	5.00
37.000	4.83
44.000	5.00
53.000	

Size (μm)	Volume In %
53.000	4.45
63.000	4.02
74.000	4.30
88.000	4.45
105.000	4.51
125.000	4.60
149.000	4.41
177.000	

Size (μm)	Volume In %
177.000	4.11
210.000	3.73
250.000	3.30
300.000	2.30
350.000	2.19
420.000	1.63
500.000	1.19
590.000	

Size (μm)	Volume In %
590.000	0.96
710.000	0.57
840.000	0.31
1000.000	0.08
2000.000	