

Sample Name: 117.2

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Thursday, 19 August

Analysed: Thursday, 19 August
2010 1:55:53 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: 15.37 %

Particle density : 1.000

Weighted Residual: 0.564 %

Concentration: 0.0580 %Vol

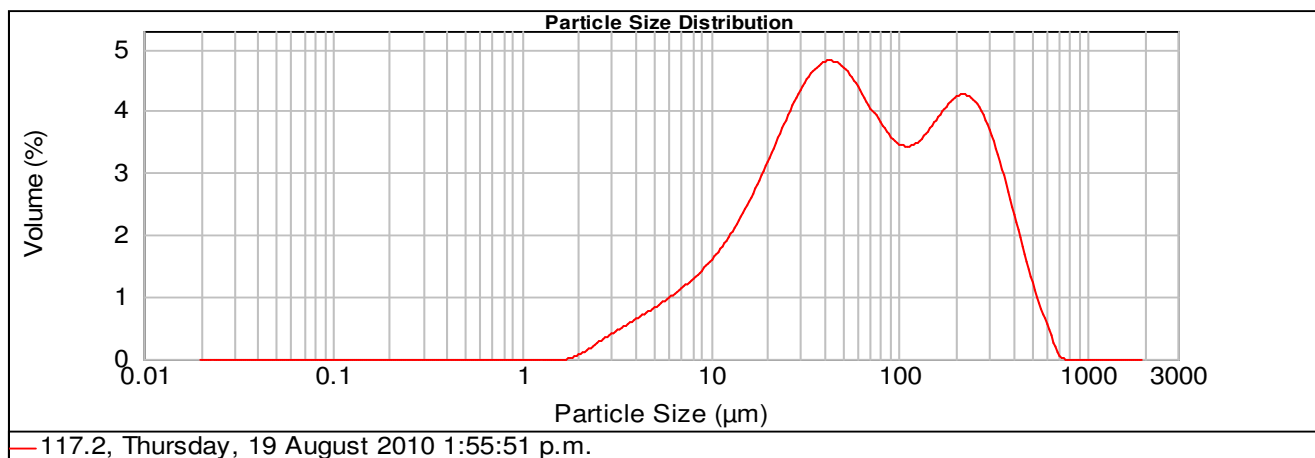
Vol. Weighted Mean D[4,3]: 115.759 μm

Specific Surface Area: 0.209 m^2/g

d(0.1): 12.037 μm

d(0.5): 61.719 μm

d(0.9): 300.364 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	115.759	124.271	1.574	2.158
Surface	28.727	50.001	4.715	29.735
Length	8.198	12.973	10.338	208.144
Number	4.364	4.09	10.602	368.62

Distribution Modal Sizes

Mode 1: 43.554 μm ,

Mode 2: 218.834 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	0.02

Size (μm)	Volume In %
2.000	1.49
3.900	4.13
7.800	7.99
15.600	15.36
31.000	5.28
37.000	5.41
44.000	5.79
53.000	

Size (μm)	Volume In %
53.000	5.10
63.000	4.36
74.000	4.27
88.000	4.03
105.000	3.92
125.000	4.14
149.000	4.41
177.000	

Size (μm)	Volume In %
177.000	4.68
210.000	4.84
250.000	4.74
300.000	3.44
350.000	3.14
420.000	1.99
500.000	1.05
590.000	

Size (μm)	Volume In %
590.000	0.41
710.000	0.00
840.000	0.00
1000.000	0.00
2000.000	