

Sample Name: 112.1

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Thursday, 19 August

Analysed: Thursday, 19 August
2010 1:29:36 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: 14.75 %

Particle density: 1.000

Weighted Residual: 0.624 %

Concentration: 0.0442 %Vol

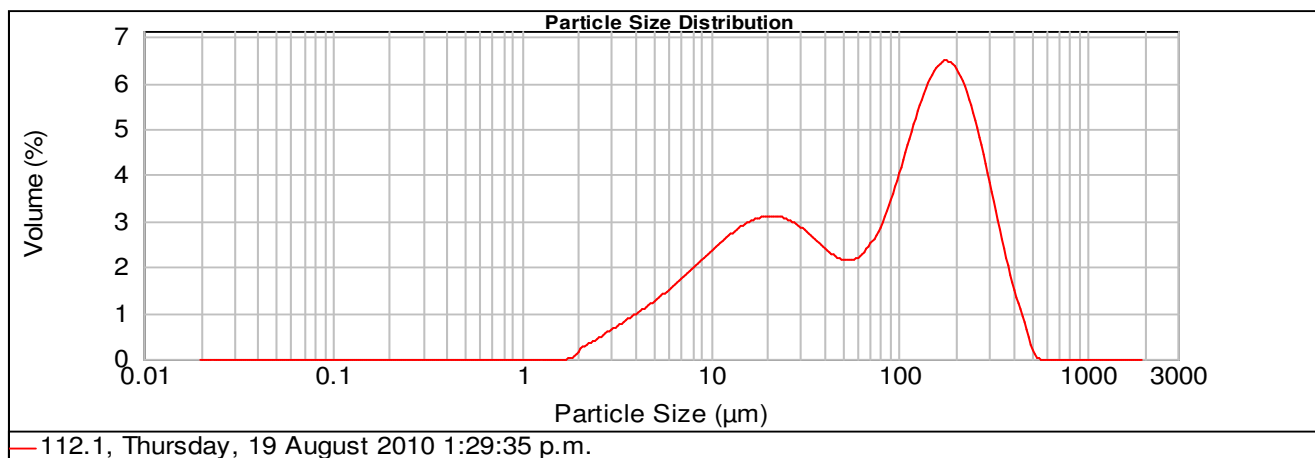
Vol. Weighted Mean D[4,3]: 113.215 μm

Specific Surface Area: 0.254 m^2/g

d(0.1): 8.559 μm

d(0.5): 86.417 μm

d(0.9): 265.830 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	113.215	105.833	0.987	0.33
Surface	23.576	45.971	4.155	20.748
Length	6.571	10.571	12.744	260.858
Number	3.959	3.216	12.884	571.525

Distribution Modal Sizes

Mode 1: 177.071 μm ,

Mode 2: 21.242 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	0.04

Size (μm)	Volume In %
2.000	2.47
3.900	6.30
7.800	11.12
15.600	13.63
31.000	3.13
37.000	2.75
44.000	2.67
53.000	

Size (μm)	Volume In %
53.000	2.44
63.000	2.52
74.000	3.34
88.000	4.43
105.000	5.56
125.000	6.69
149.000	7.20
177.000	

Size (μm)	Volume In %
177.000	7.14
210.000	6.57
250.000	5.47
300.000	3.28
350.000	2.29
420.000	0.96
500.000	0.03
590.000	

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