

Sample Name: 108.2

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Thursday, 19 August

Analysed: Thursday, 19 August
2010 2:04:18 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: 10.96 %

Particle density : 1.000

Weighted Residual: 0.792 %

Concentration: 0.0378 %Vol

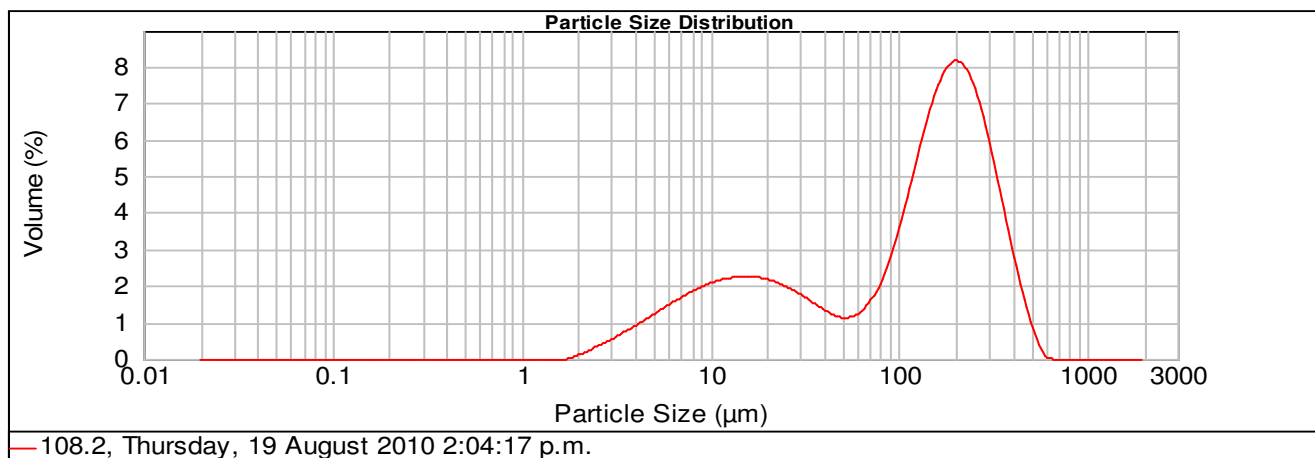
Vol. Weighted Mean D[4,3]: 147.179 μm

Specific Surface Area: 0.218 m^2/g

d(0.1): 9.011 μm

d(0.5): 137.027 μm

d(0.9): 314.296 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	147.179	120.696	0.681	-0.139
Surface	27.513	57.379	3.728	15.877
Length	6.542	11.713	14.636	308.787
Number	4.083	3.169	17.088	968.691

Distribution Modal Sizes

Mode 1: 199.954 μm ,

Mode 2: 15.434 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	2.05
3.900	6.12
7.800	9.51
15.600	9.30
31.000	1.85
37.000	1.52
44.000	1.41
53.000	

Size (μm)	Volume In %
53.000	1.31
63.000	1.55
74.000	2.45
88.000	3.83
105.000	5.46
125.000	7.26
149.000	8.49
177.000	

Size (μm)	Volume In %
177.000	9.07
210.000	8.97
250.000	8.06
300.000	5.22
350.000	4.06
420.000	1.94
500.000	0.51
590.000	

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