

Sample Name: 118.3

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 12:17:03 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: 16.19 %

Particle density : 1.000

Weighted Residual: 0.766 %

Concentration: 0.1085 %Vol

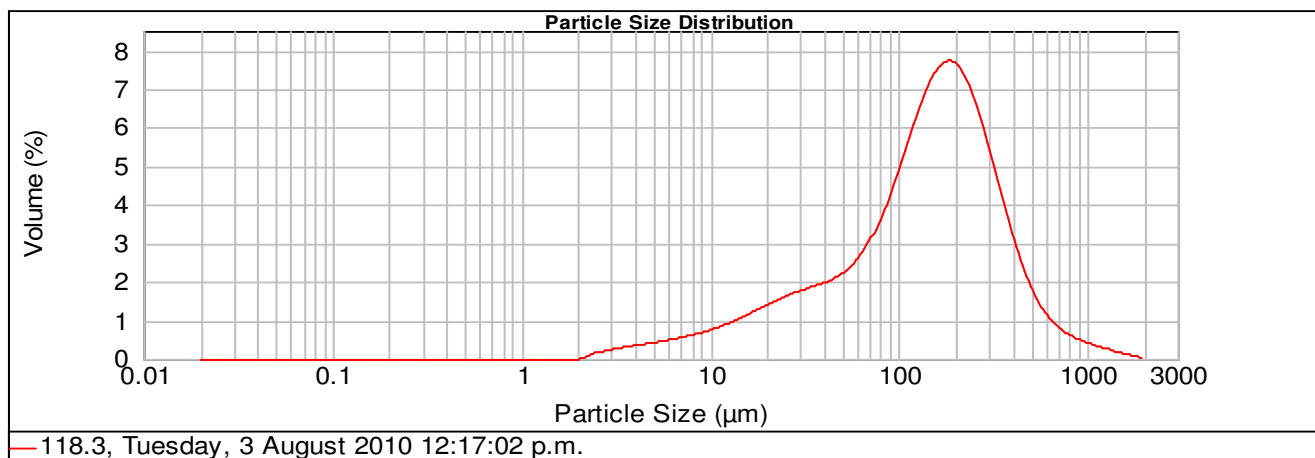
Vol. Weighted Mean D[4,3]: 188.724 μm

Specific Surface Area: 0.119 m^2/g

d(0.1): 22.713 μm

d(0.5): 147.416 μm

d(0.9): 377.639 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	188.724	186.807	2.977	14.509
Surface	50.418	83.505	4.074	32.418
Length	9.081	19.375	10.372	205.3
Number	4.378	4.538	17.663	814.748

Distribution Modal Sizes

Mode 1: 183.431 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	0.00

Size (μm)	Volume In %
2.000	0.85
3.900	2.09
7.800	3.79
15.600	6.65
31.000	2.14
37.000	2.23
44.000	2.61
53.000	

Size (μm)	Volume In %
53.000	2.78
63.000	3.12
74.000	4.20
88.000	5.45
105.000	6.68
125.000	7.92
149.000	8.53
177.000	

Size (μm)	Volume In %
177.000	8.60
210.000	8.21
250.000	7.31
300.000	4.88
350.000	4.21
420.000	2.68
500.000	1.65
590.000	

Size (μm)	Volume In %
590.000	1.19
710.000	0.74
840.000	0.56
1000.000	0.93
2000.000	