

Sample Name: 63

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 1:07:47 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: 18.07 %

Particle density : 1.000

Weighted Residual: 0.613 %

Concentration: 0.1089 %Vol

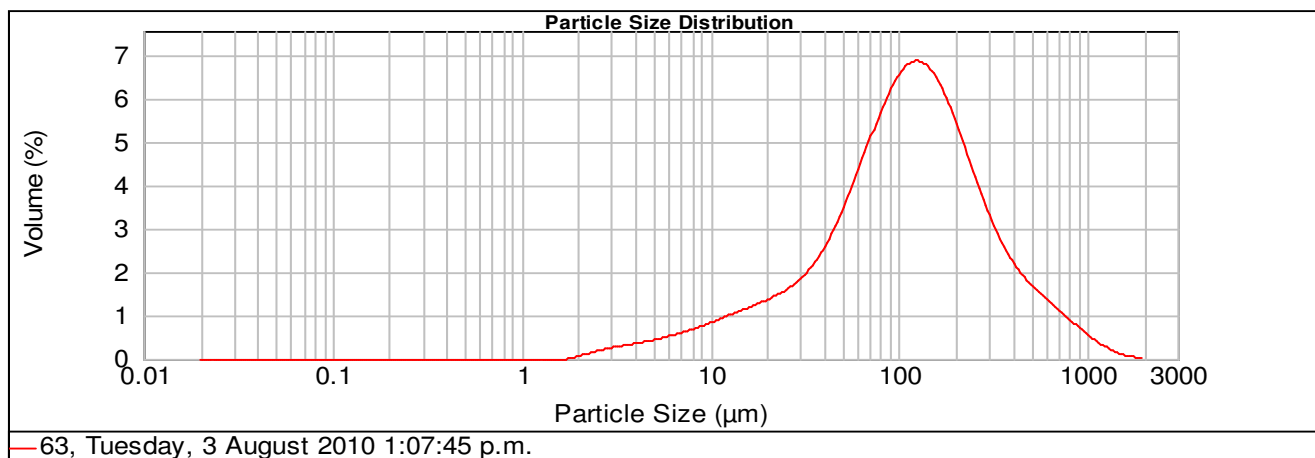
Vol. Weighted Mean D[4,3]: 169.581 μm

Specific Surface Area: 0.133 m^2/g

d(0.1): 21.436 μm

d(0.5): 112.522 μm

d(0.9): 372.322 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	169.581	191.729	2.934	11.908
Surface	45.232	74.997	4.997	45.905
Length	8.724	17.846	10.19	230.456
Number	4.038	4.35	15.775	687.276

Distribution Modal Sizes

Mode 1: 123.222 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	0.96
3.900	2.22
7.800	4.12
15.600	6.60
31.000	2.40
37.000	2.89
44.000	3.92
53.000	

Size (μm)	Volume In %
53.000	4.59
63.000	5.19
74.000	6.54
88.000	7.47
105.000	7.81
125.000	7.83
149.000	7.18
177.000	

Size (μm)	Volume In %
177.000	6.30
210.000	5.39
250.000	4.51
300.000	3.02
350.000	2.84
420.000	2.17
500.000	1.69
590.000	

Size (μm)	Volume In %
590.000	1.53
710.000	1.07
840.000	0.80
1000.000	0.92
2000.000	