

Sample Name: 64

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 12:59:26 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: 17.23 %

Particle density : 1.000

Weighted Residual: 0.592 %

Concentration: 0.1088 %Vol

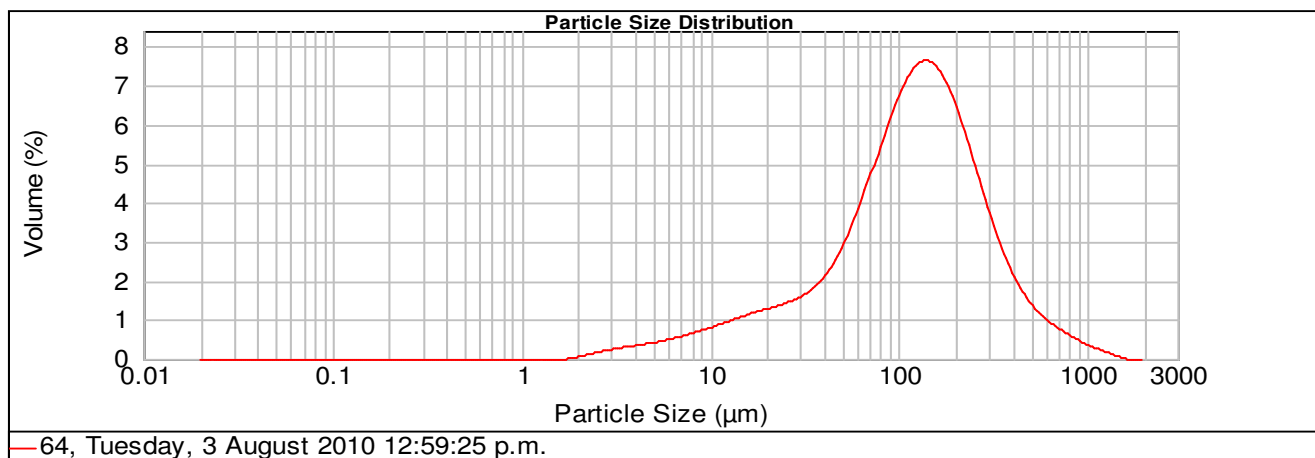
Vol. Weighted Mean D[4,3]: 162.605 μm

Specific Surface Area: 0.126 m^2/g

d(0.1): 22.633 μm

d(0.5): 121.052 μm

d(0.9): 331.612 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	162.605	162.033	2.769	11.241
Surface	47.546	73.964	3.998	29.961
Length	8.824	18.485	9.26	167.265
Number	4.06	4.398	16.468	670.736

Distribution Modal Sizes

Mode 1: 137.823 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	0.91
3.900	2.11
7.800	3.95
15.600	6.04
31.000	2.01
37.000	2.37
44.000	3.26
53.000	

Size (μm)	Volume In %
53.000	3.97
63.000	4.72
74.000	6.28
88.000	7.60
105.000	8.36
125.000	8.76
149.000	8.32
177.000	

Size (μm)	Volume In %
177.000	7.46
210.000	6.40
250.000	5.23
300.000	3.32
350.000	2.85
420.000	1.92
500.000	1.32
590.000	

Size (μm)	Volume In %
590.000	1.09
710.000	0.72
840.000	0.52
1000.000	0.52
2000.000	