

Sample Name: 107

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Thursday, 19 August

Analysed: Thursday, 19 August
2010 2:36:22 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: 14.01 %

Particle density : 1.000

Weighted Residual: 0.755 %

Concentration: 0.0175 %Vol

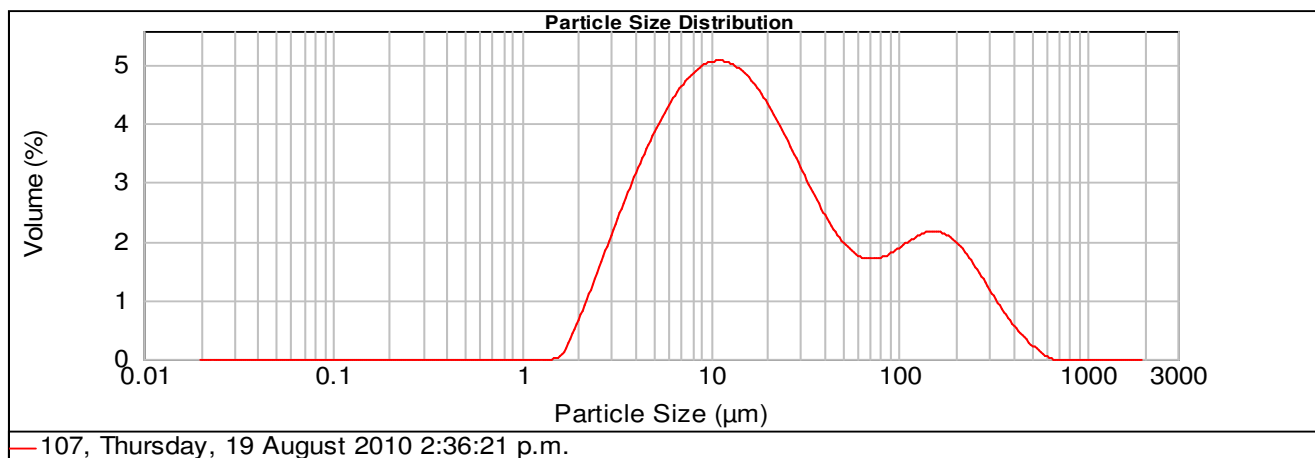
Vol. Weighted Mean D[4,3]: 50.139 μm

Specific Surface Area: 0.581 m^2/g

d(0.1): 4.173 μm

d(0.5): 15.891 μm

d(0.9): 157.407 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	50.139	80.31	2.701	8.145
Surface	10.327	20.277	9.444	128.567
Length	4.898	5.157	14.788	575.747
Number	3.464	2.229	7.408	286.59

Distribution Modal Sizes

Mode 1: 11.105 μm ,

Mode 2: 152.433 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	0.47

Size (μm)	Volume In %
2.000	8.13
3.900	18.26
7.800	22.55
15.600	18.37
31.000	3.40
37.000	2.80
44.000	2.53
53.000	

Size (μm)	Volume In %
53.000	2.05
63.000	1.79
74.000	1.95
88.000	2.14
105.000	2.30
125.000	2.46
149.000	2.42
177.000	

Size (μm)	Volume In %
177.000	2.26
210.000	2.01
250.000	1.66
300.000	1.02
350.000	0.79
420.000	0.43
500.000	0.18
590.000	

Size (μm)	Volume In %
590.000	0.01
710.000	0.00
840.000	0.00
1000.000	0.00
2000.000	0.00