

Sample Name: 105.1

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mm19

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 12:49:04 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: 18.29 %

Particle density : 1.000

Weighted Residual: 0.617 %

Concentration: 0.0691 %Vol

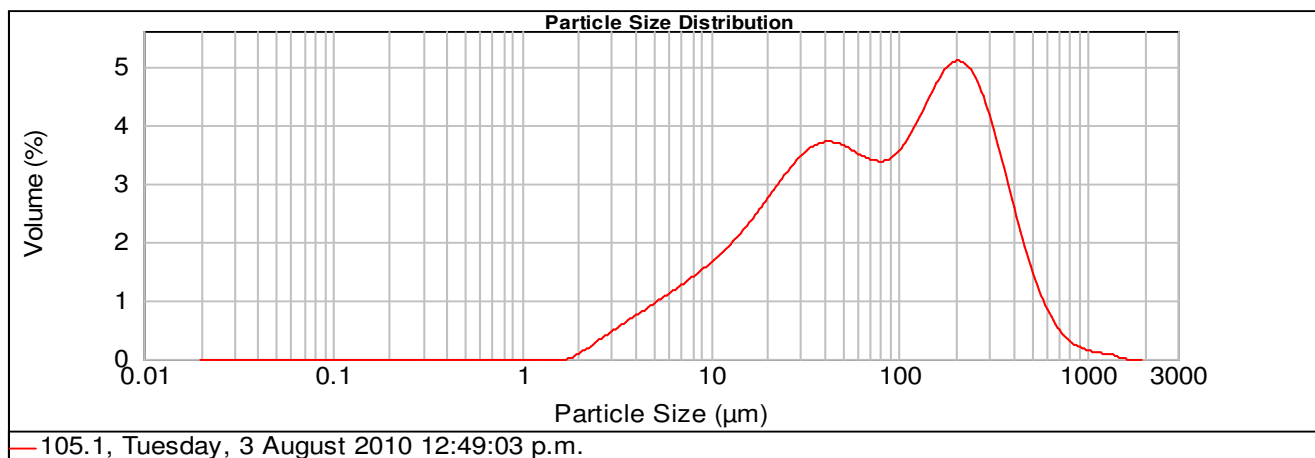
Vol. Weighted Mean D[4,3]: 137.442 μm

Specific Surface Area: 0.21 m^2/g

d(0.1): 11.036 μm

d(0.5): 81.182 μm

d(0.9): 331.997 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	137.442	153.002	2.232	8.074
Surface	28.613	55.802	5.292	44.233
Length	7.381	12.518	12.822	328.32
Number	4.14	3.663	12.955	596.641

Distribution Modal Sizes

Mode 1: 205.492 μm ,

Mode 2: 42.7 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	0.03

Size (μm)	Volume In %
2.000	1.76
3.900	4.69
7.800	8.03
15.600	12.99
31.000	4.16
37.000	4.20
44.000	4.48
53.000	

Size (μm)	Volume In %
53.000	4.02
63.000	3.61
74.000	3.83
88.000	4.05
105.000	4.38
125.000	4.96
149.000	5.40
177.000	

Size (μm)	Volume In %
177.000	5.67
210.000	5.71
250.000	5.42
300.000	3.84
350.000	3.47
420.000	2.26
500.000	1.34
590.000	

Size (μm)	Volume In %
590.000	0.84
710.000	0.40
840.000	0.23
1000.000	0.24
2000.000	