

Sample Name: 118.7

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mmI9

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 11:53:08 a.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: 24.24 %

Particle density : 1.000

Weighted Residual: 0.439 %

Concentration: 0.1375 %Vol

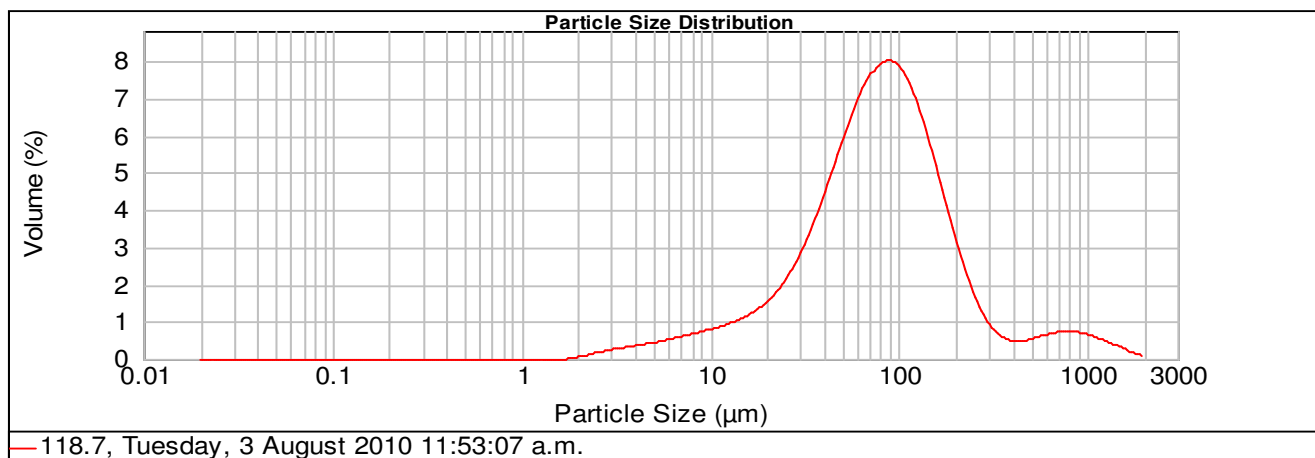
Vol. Weighted Mean D[4,3]: 131.880 μm

Specific Surface Area: 0.148 m^2/g

d(0.1): 21.546 μm

d(0.5): 79.453 μm

d(0.9): 218.511 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	131.879	204.638	4.457	23.286
Surface	40.549	60.855	8.369	140.527
Length	9.76	17.335	8.152	236.39
Number	4.225	4.836	11.497	354.845

Distribution Modal Sizes

Mode 1: 87.298 μm ,

Mode 2: 779.827 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	0.92
3.900	2.21
7.800	3.94
15.600	8.24
31.000	3.92
37.000	4.98
44.000	6.74
53.000	

Size (μm)	Volume In %
53.000	7.52
63.000	7.87
74.000	9.00
88.000	9.14
105.000	8.33
125.000	7.15
149.000	5.47
177.000	

Size (μm)	Volume In %
177.000	3.87
210.000	2.55
250.000	1.53
300.000	0.74
350.000	0.60
420.000	0.55
500.000	0.63
590.000	

Size (μm)	Volume In %
590.000	0.83
710.000	0.81
840.000	0.80
1000.000	1.66
2000.000	