

Sample Name: 70

Sample Source & type:

Sample bulk lot ref:

SOP Name: Marine Sediment

Measured by: mml9

Measured: Tuesday, 3 August

Analysed: Tuesday, 3 August
2010 1:15:02 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: 21.06 %

Particle density: 1.000

Weighted Residual: 0.442 %

Concentration: 0.0534 %Vol

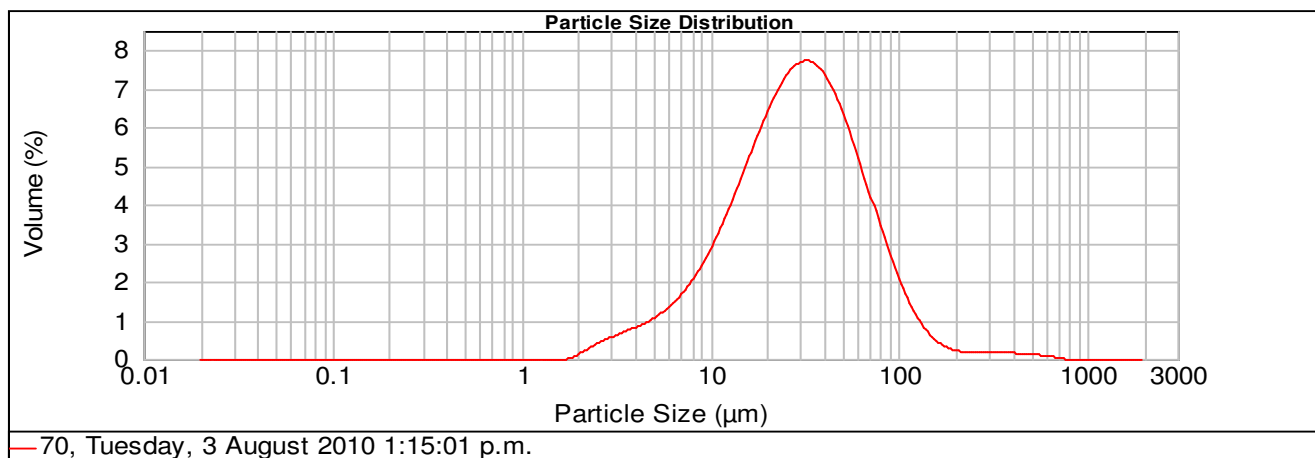
Vol. Weighted Mean D[4,3]: 40.064 μm

Specific Surface Area: 0.32 m^2/g

d(0.1): 9.087 μm

d(0.5): 29.314 μm

d(0.9): 76.036 μm



Distribution Moments

	Mean	Stand. Dev.	Skewness	Kurtosis
Volume	40.064	46.308	5.905	53.073
Surface	18.748	19.991	5.161	78.236
Length	8.22	9.303	4.328	53.562
Number	4.446	4.096	5.434	62.454

Distribution Modal Sizes

Mode 1: 32.546 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	0.04

Size (μm)	Volume In %
2.000	2.13
3.900	5.65
7.800	15.08
15.600	29.91
31.000	8.92
37.000	8.39
44.000	8.12
53.000	

Size (μm)	Volume In %
53.000	6.36
63.000	4.72
74.000	3.79
88.000	2.61
105.000	1.59
125.000	0.90
149.000	0.47
177.000	

Size (μm)	Volume In %
177.000	0.26
210.000	0.19
250.000	0.19
300.000	0.16
350.000	0.18
420.000	0.15
500.000	0.11
590.000	

Size (μm)	Volume In %
590.000	0.07
710.000	0.00
840.000	0.00
1000.000	0.00
2000.000	0.00