

Result Analysis Report

Sample Name:

40_50c

SOP Name:

Marine Sediment

Measured:

Thursday, 7 June 2007 1:42:23 p.m.

Sample Source & type:

42

Measured by:

gmdr1

Analysed:

Thursday, 7 June 2007 1:42:24 p.m.

Sample bulk lot ref:
Result Source:

Measurement

Particle Name:

Marine Sediment

Accessory Name:

None

Analysis model:

General purpose

Sensitivity:

Enhanced

Particle RI:

1.500

Absorption:

0

Size range:

0.020 to 2000.000 μm

Obscuration:

11.01 %

Dispersant Name:

Water

Dispersant RI:

1.330

Weighted Residual:

0.299 %

Result Emulation:

Off

Concentration:

0.0241 %Vol

Span :

4.055

Uniformity:

1.49

Result units:

Volume

Specific Surface Area:

0.325 m^2/g

Surface Weighted Mean D[3,2]:

18.438 μm

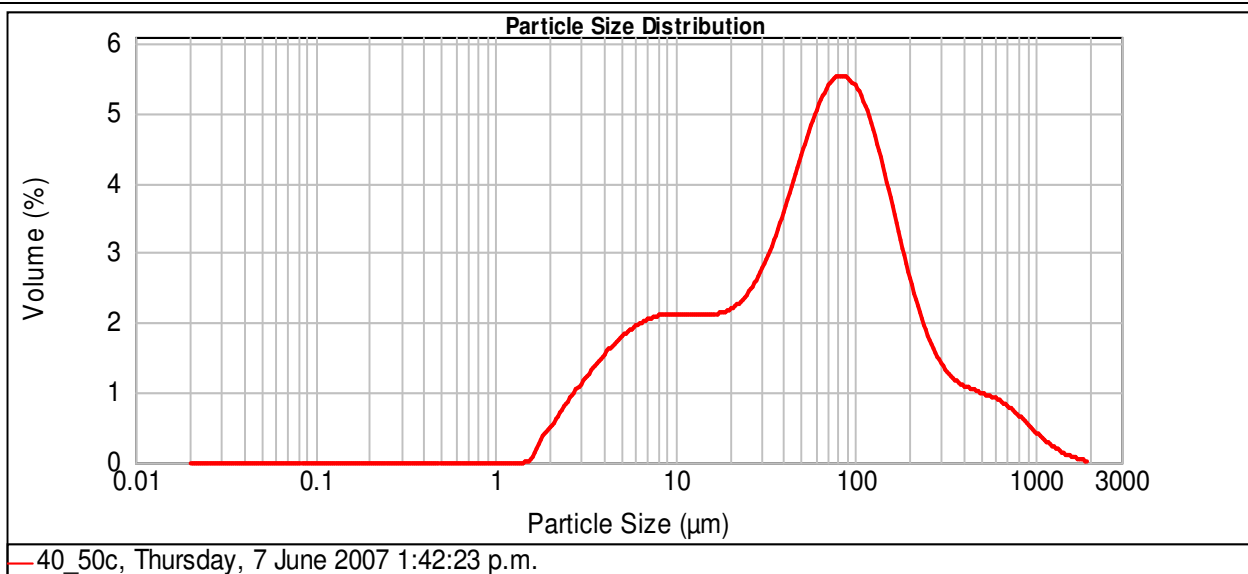
Vol. Weighted Mean D[4,3]:

113.018 μm

d(0.1): 6.123 μm

d(0.5): 60.229 μm

d(0.9): 250.374 μm



Size (μm)	Volume In %	Size (μm)	Volume In %	Size (μm)	Volume In %	Size (μm)	Volume In %	Size (μm)	Volume In %	Size (μm)	Volume In %
0.060	0.00	3.900	8.40	53.000	5.48	149.000	4.05	420.000	1.18	2000.000	0.00
0.120	0.00	7.800	9.59	63.000	5.57	177.000	3.14	500.000	1.04	4000.000	
0.241	0.00	15.600	10.43	74.000	6.24	210.000	2.43	590.000	1.04		
0.490	0.00	31.000	3.53	88.000	6.28	250.000	1.92	710.000	0.78		
0.980	0.42	37.000	4.08	105.000	5.75	300.000	1.31	840.000	0.60		
2.000	4.40	44.000	5.16	125.000	5.04	350.000	1.35	1000.000	0.79		
3.900		53.000		149.000		420.000		2000.000			

Operator notes: