

## Result Analysis Report

**Sample Name:**

260\_280c

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 10 June 2007 11:35:39 a.m.

**Sample Source & type:**

46

**Measured by:**

gmdr1

**Analysed:**

Sunday, 10 June 2007 11:35:40 a.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  $\mu\text{m}$

**Obscuration:**

14.68 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.331 %

**Result Emulation:**

Off

**Concentration:**

0.0649 %Vol

**Span :**

2.804

**Uniformity:**

1.02

**Result units:**

Volume

**Specific Surface Area:**

0.179  $\text{m}^2/\text{g}$

**Surface Weighted Mean D[3,2]:**

33.549  $\mu\text{m}$

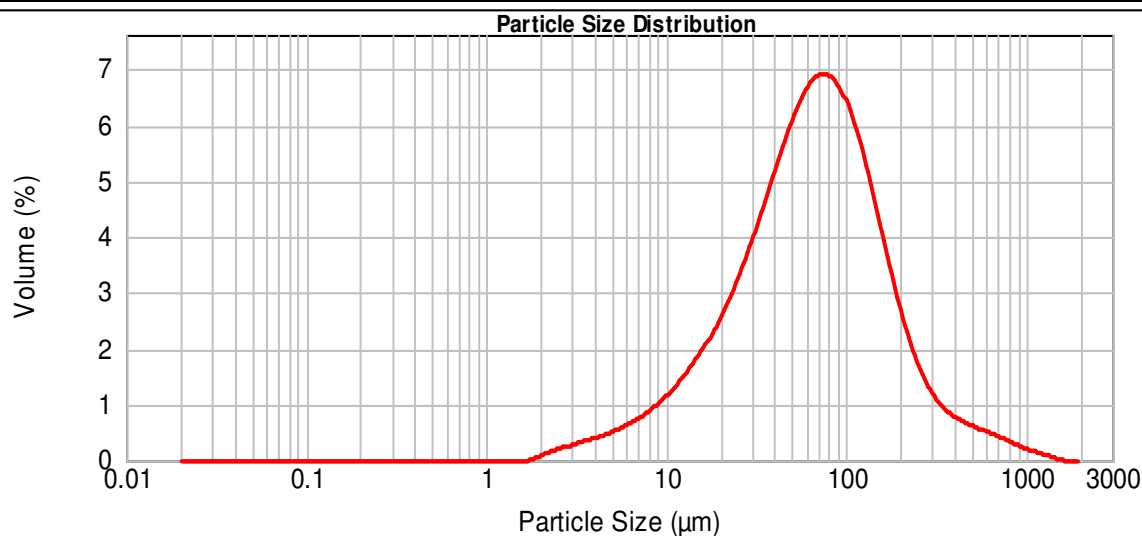
**Vol. Weighted Mean D[4,3]:**

100.261  $\mu\text{m}$

**d(0.1): 15.940  $\mu\text{m}$**

**d(0.5): 65.286  $\mu\text{m}$**

**d(0.9): 199.003  $\mu\text{m}$**



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Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.00
2.000	0.03
3.900	1.06

Size ( $\mu\text{m}$ )	Volume In %
3.900	2.66
7.800	5.98
15.600	13.03
31.000	5.16
37.000	5.90
44.000	7.22
53.000	7.22

Size ( $\mu\text{m}$ )	Volume In %
53.000	7.38
63.000	7.22
74.000	7.80
88.000	7.56
105.000	6.68
125.000	5.64
149.000	5.64

Size ( $\mu\text{m}$ )	Volume In %
149.000	4.36
177.000	3.23
210.000	2.36
250.000	1.72
300.000	1.06
350.000	0.98
420.000	0.98

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.77
500.000	0.62
590.000	0.57
710.000	0.40
840.000	0.29
1000.000	0.31
2000.000	0.31

Size ( $\mu\text{m}$ )	Volume In %
2000.000	0.00
4000.000	0.00

**Operator notes:**