

## Result Analysis Report

**Sample Name:**

80\_90c

**SOP Name:**

Marine Sediment

**Measured:**

Thursday, 7 June 2007 3:55:53 p.m.

**Sample Source & type:**

8

**Measured by:**

gmdr1

**Analysed:**

Thursday, 7 June 2007 3:55:54 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  $\mu\text{m}$

**Obscuration:**

12.13 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.324 %

**Result Emulation:**

Off

**Concentration:**

0.0526 %Vol

**Span :**

2.421

**Uniformity:**

0.801

**Result units:**

Volume

**Specific Surface Area:**

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

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

33.457  $\mu\text{m}$

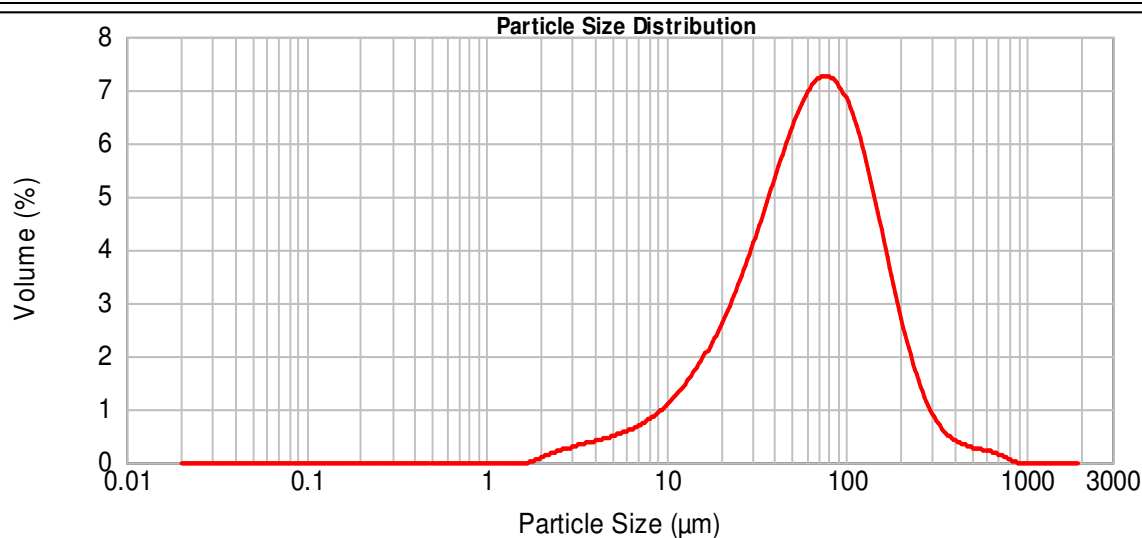
**Vol. Weighted Mean D[4,3]:**

85.194  $\mu\text{m}$

**d(0.1): 16.465  $\mu\text{m}$**

**d(0.5): 64.261  $\mu\text{m}$**

**d(0.9): 172.047  $\mu\text{m}$**



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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	1.11

Size ( $\mu\text{m}$ )	Volume In %
3.900	2.51
7.800	5.66
15.600	13.22
31.000	5.32
37.000	6.09
44.000	7.48
53.000	7.48

Size ( $\mu\text{m}$ )	Volume In %
53.000	7.67
63.000	7.55
74.000	8.22
88.000	8.03
105.000	7.14
125.000	6.04
149.000	6.04

Size ( $\mu\text{m}$ )	Volume In %
149.000	4.62
177.000	3.32
210.000	2.27
250.000	1.46
300.000	0.75
350.000	0.56
420.000	0.56

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.38
500.000	0.28
590.000	0.23
710.000	0.09
840.000	0.00
1000.000	0.00
2000.000	0.00

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

**Operator notes:**