

## Result Analysis Report

**Sample Name:**

40\_50e

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 June 2007 1:05:27 p.m.

**Sample Source & type:**

A5

**Measured by:**

gmdr1

**Analysed:**

Tuesday, 26 June 2007 1:05:28 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:**

0.246 %

**Result Emulation:**

Off

**Concentration:**

0.0508 %Vol

**Span :**

2.834

**Uniformity:**

0.912

**Result units:**

Volume

**Specific Surface Area:**

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

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

34.640  $\mu\text{m}$

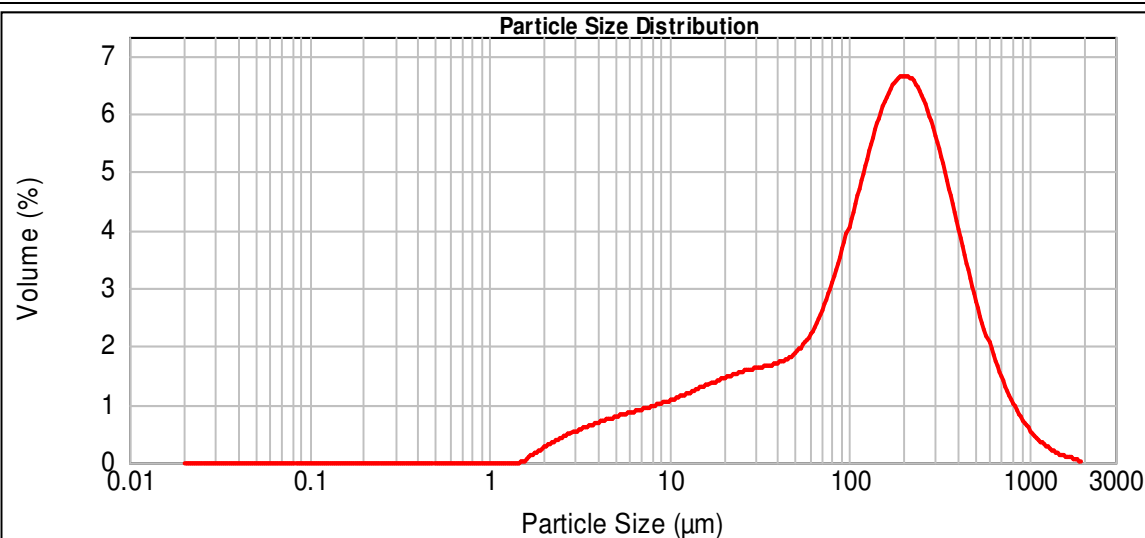
**Vol. Weighted Mean D[4,3]:**

204.784  $\mu\text{m}$

**d(0.1): 13.718  $\mu\text{m}$**

**d(0.5): 153.902  $\mu\text{m}$**

**d(0.9): 449.802  $\mu\text{m}$**



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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	0.22
3.900	2.09

Size ( $\mu\text{m}$ )	Volume In %
3.900	3.71
7.800	5.05
15.600	6.68
31.000	1.91
37.000	1.94
44.000	2.23
53.000	2.23

Size ( $\mu\text{m}$ )	Volume In %
53.000	2.35
63.000	2.61
74.000	3.48
88.000	4.48
105.000	5.46
125.000	6.50
149.000	6.50

Size ( $\mu\text{m}$ )	Volume In %
149.000	7.11
177.000	7.41
210.000	7.45
250.000	7.19
300.000	5.31
350.000	5.19
420.000	5.19

Size ( $\mu\text{m}$ )	Volume In %
420.000	3.82
500.000	2.68
590.000	2.09
710.000	1.25
840.000	0.83
1000.000	0.96
2000.000	0.96

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

**Operator notes:**