

## Result Analysis Report

**Sample Name:**

980\_1000a

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 June 2007 12:41:35 p.m.

**Sample Source & type:**

4o

**Measured by:**

gmdr1

**Analysed:**

Tuesday, 19 June 2007 12:41:36 p.m.

**Sample bulk lot ref:**
**Result Source:**

Measurement

**Particle Name:**

Marine Sediment

**Accessory Name:**

Hydro 2000G (A)

**Analysis model:**

General purpose

**Sensitivity:**

Enhanced

**Particle RI:**

1.500

**Absorption:**

0

**Size range:**

0.020 to 2000.000  $\mu\text{m}$

**Obscuration:**

15.20 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.855 %

**Result Emulation:**

Off

**Concentration:**

0.1535 %Vol

**Span :**

2.482

**Uniformity:**

0.732

**Result units:**

Volume

**Specific Surface Area:**

0.0809  $\text{m}^2/\text{g}$

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

74.149  $\mu\text{m}$

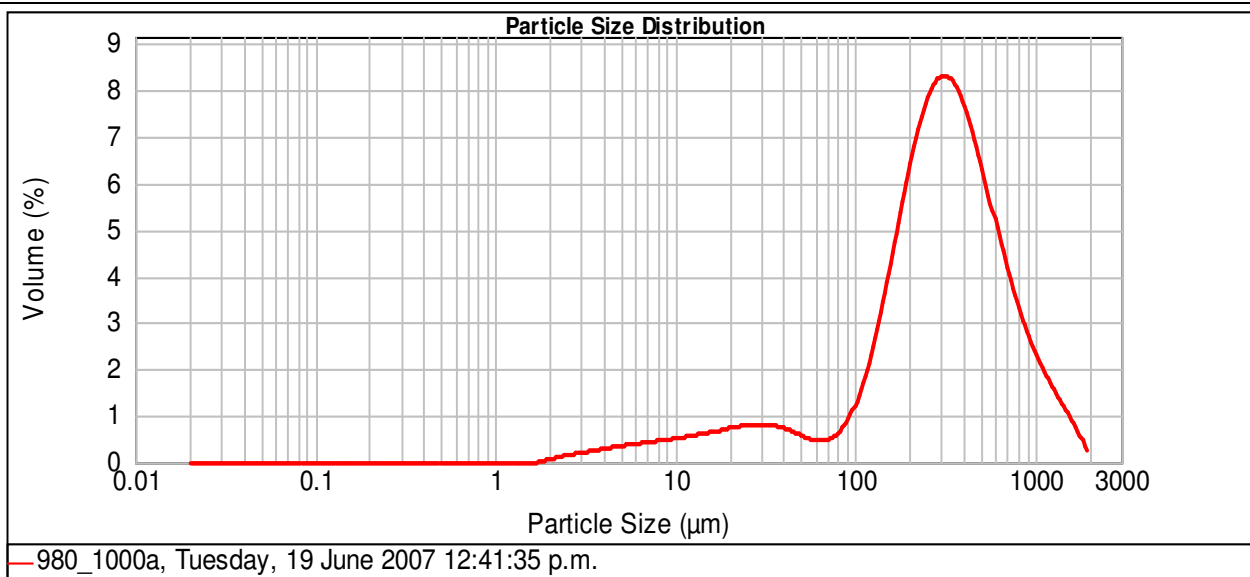
**Vol. Weighted Mean D[4,3]:**

382.928  $\mu\text{m}$

**d(0.1): 43.071  $\mu\text{m}$**

**d(0.5): 302.238  $\mu\text{m}$**

**d(0.9): 793.150  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.02
2.000	0.02
3.900	0.79

Size ( $\mu\text{m}$ )	Volume In %
3.900	1.69
7.800	2.45
15.600	3.39
31.000	0.93
37.000	0.83
44.000	0.74
53.000	0.74

Size ( $\mu\text{m}$ )	Volume In %
53.000	0.56
63.000	0.49
74.000	0.71
88.000	1.26
105.000	2.20
125.000	3.61
149.000	3.61

Size ( $\mu\text{m}$ )	Volume In %
149.000	5.17
177.000	6.77
210.000	8.32
250.000	9.66
300.000	8.36
350.000	9.41
420.000	9.41

Size ( $\mu\text{m}$ )	Volume In %
420.000	7.97
500.000	6.34
590.000	5.63
710.000	3.90
840.000	3.08
1000.000	5.70
2000.000	5.70

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

**Operator notes:**